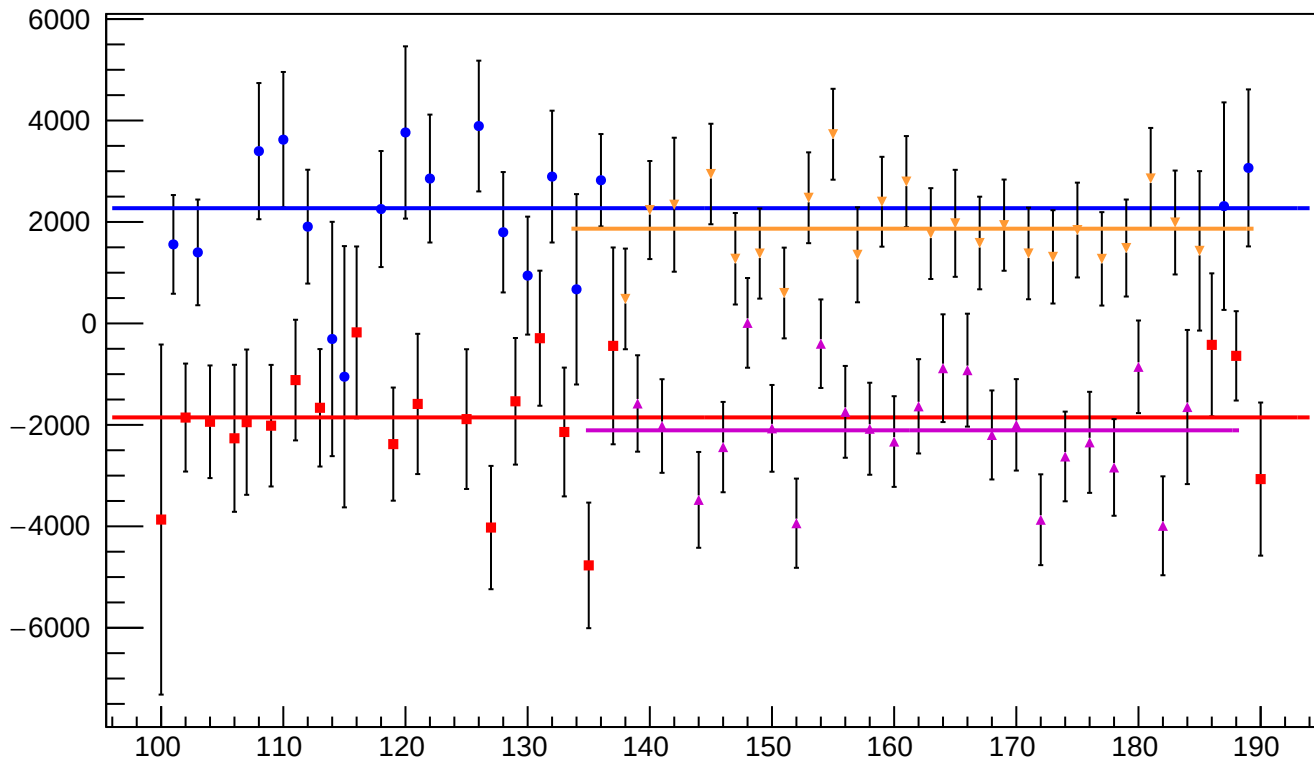


dit_asym_us_avg_mean vs Slug



Right In: 2271.706 $\pm$ 304.889

χ^2/NDF : 11.6/17

+ sign 1984.682 $\pm$ 164.156

χ^2/NDF : 27.9/41

Left Out: 1867.512 $\pm$ 194.801

χ^2/NDF : 15.1/23

All: -70.931 $\pm$ 114.582

χ^2/NDF : 380.7/85

Right Out: -1852.264 $\pm$ 280.074

χ^2/NDF : 16.4/20

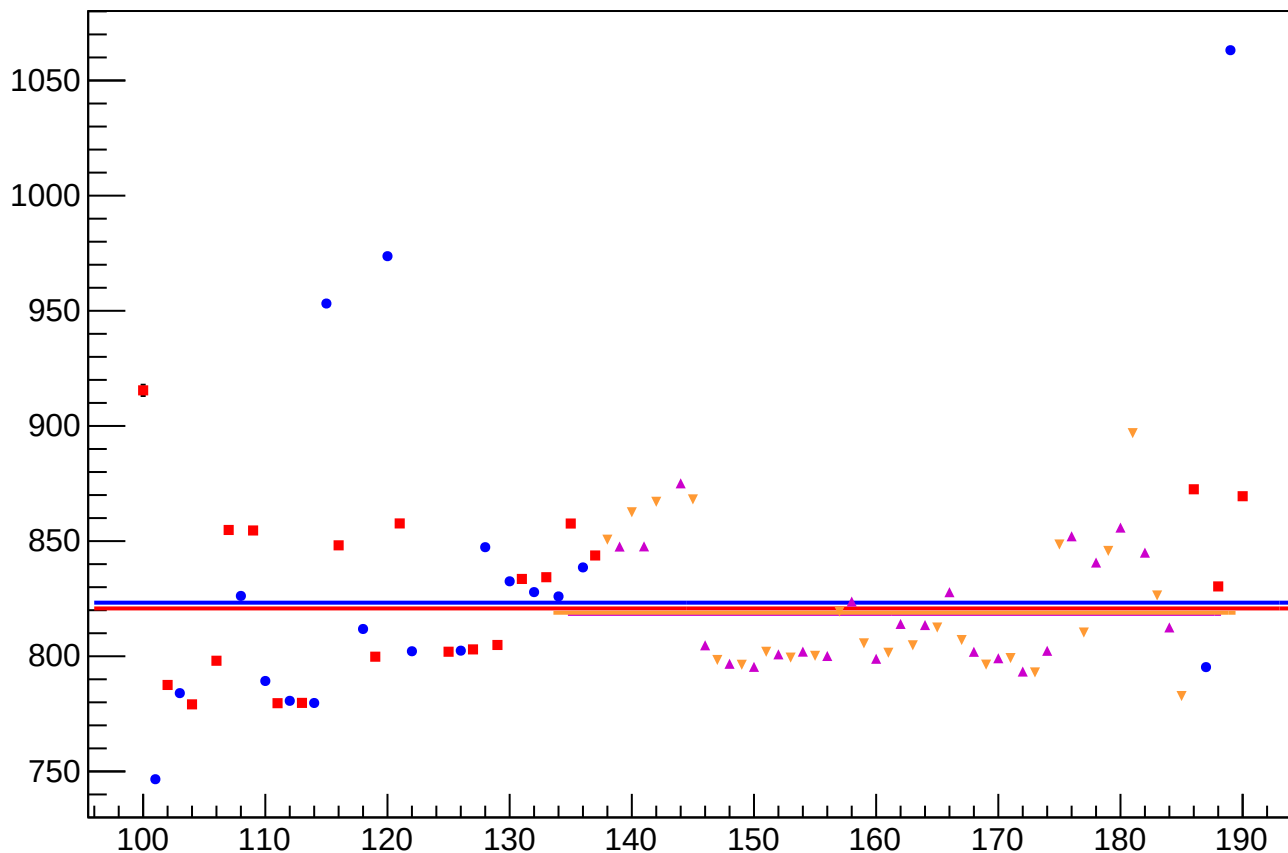
- sign -2024.021 $\pm$ 160.010

χ^2/NDF : 47.0/43

Left In: -2107.246 $\pm$ 194.959

χ^2/NDF : 30.0/22

dit_asym_us_avg_rms vs Slug



Right In: 823.274 $\pm$ 0.216 χ^2 /NDF: 92196.8/17

Left Out: 818.900 $\pm$ 0.138 χ^2 /NDF: 41670.9/23

Right Out: 820.767 $\pm$ 0.198 χ^2 /NDF: 25653.4/20

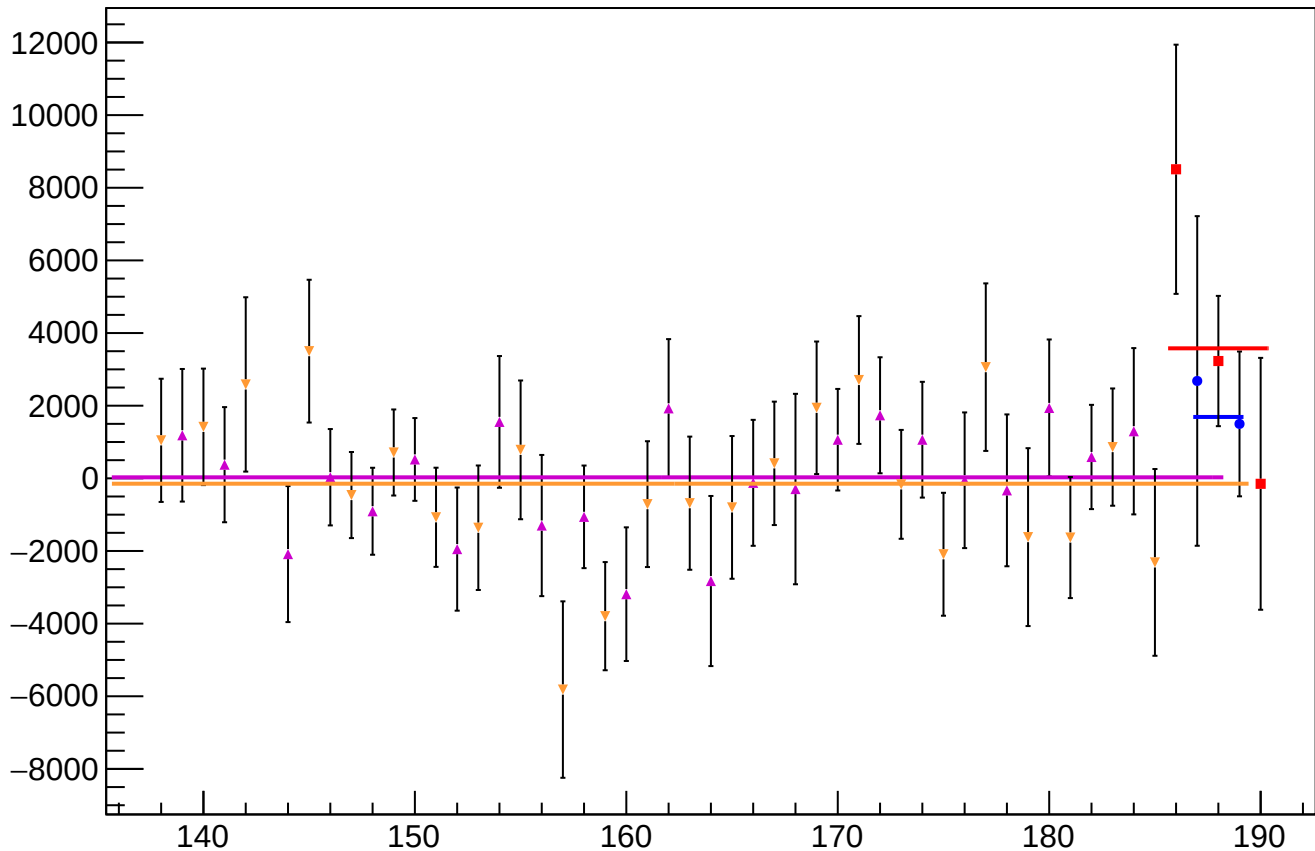
Left In: 818.403 $\pm$ 0.138 χ^2 /NDF: 29907.0/22

+ sign 820.168 $\pm$ 0.116 χ^2 /NDF: 134160.0/41

All: 819.659 $\pm$ 0.081 χ^2 /NDF: 189854.0/85

- sign 819.174 $\pm$ 0.113 χ^2 /NDF: 55656.4/43

asym_us_avg_correction_mean vs Slug



Right In: 1689.934 $\pm$ 1825.390 χ^2 /NDF: 0.1/1

Left Out: -147.864 $\pm$ 347.750 χ^2 /NDF:29.3/23

Right Out: 3579.184 $\pm$ 1444.790 χ^2 /NDF: 3.3/2

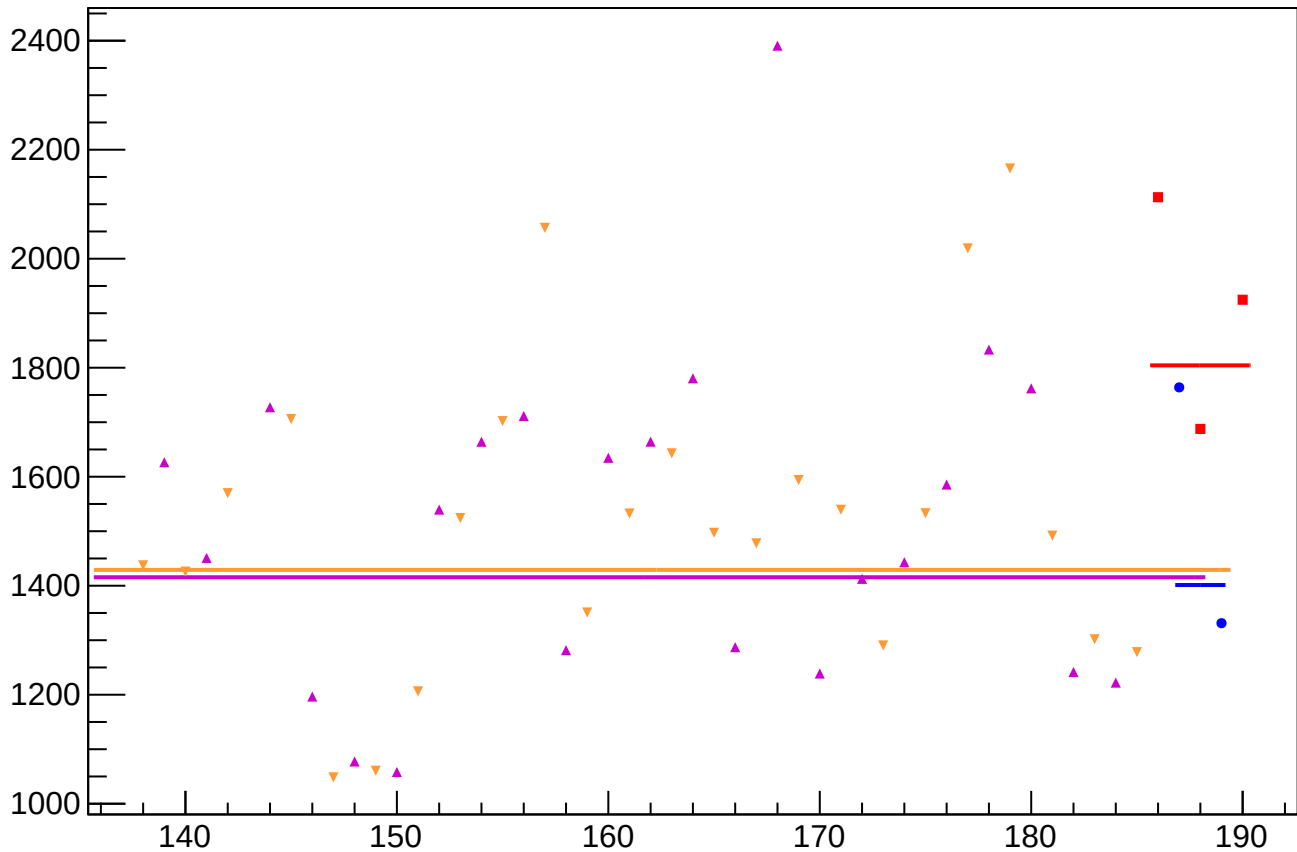
Left In: 27.722 $\pm$ 344.229 χ^2 /NDF:14.8/22

+ sign -83.501 $\pm$ 341.606 χ^2 /NDF: 30.3/25

All: 70.510 $\pm$ 239.130 χ^2 /NDF: 54.5/51

- sign 218.494 $\pm$ 334.856 χ^2 /NDF: 23.8/25

asym_us_avg_correction_rms vs Slug



Right In: 1401.287 $\pm$ 1.291 χ^2/NDF : 15238.3/1

Left Out: 1429.065 $\pm$ 0.246 χ^2/NDF : 1106949.6/23

Right Out: 1804.310 $\pm$ 1.022 χ^2/NDF : 27034.6/2

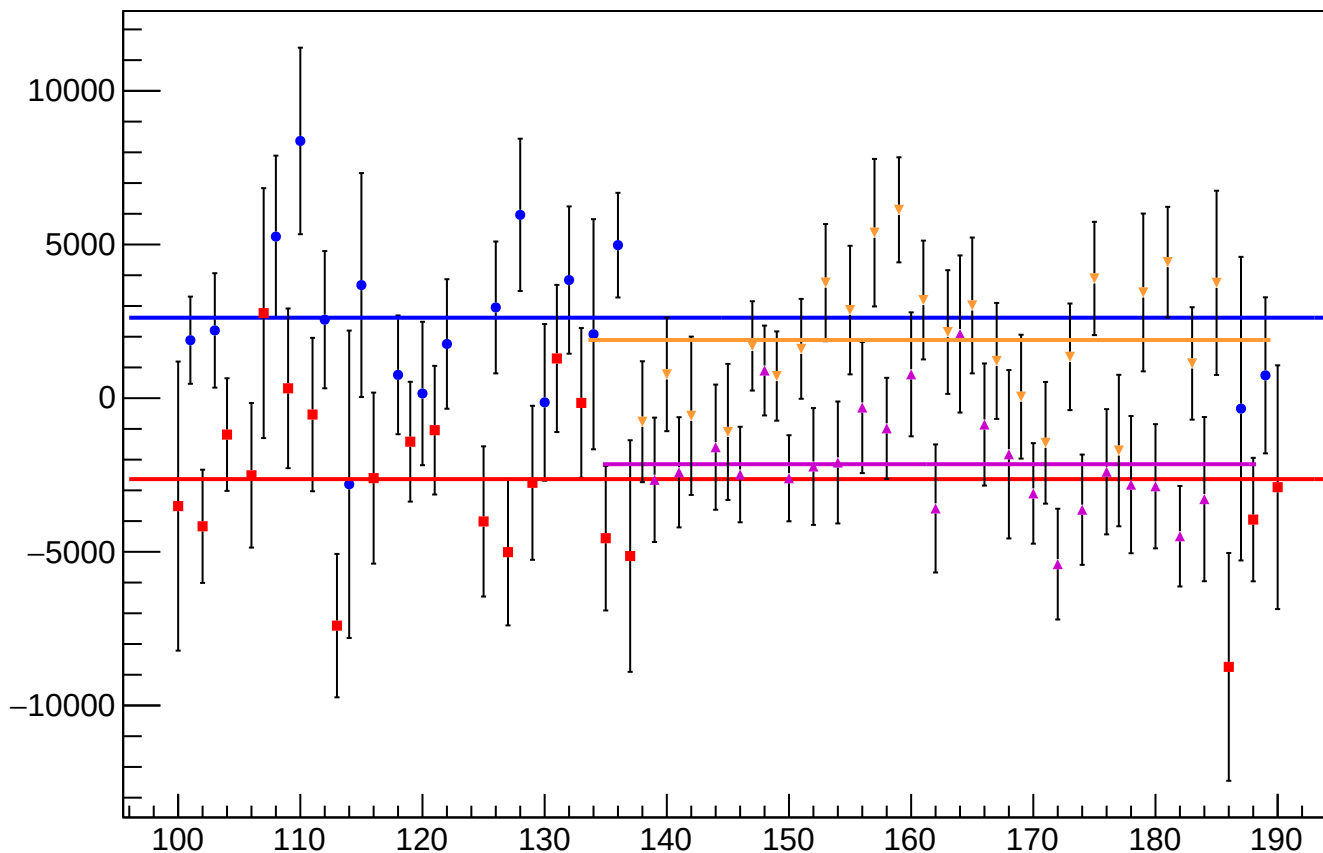
Left In: 1415.555 $\pm$ 0.243 χ^2/NDF : 1245603.5/22

+ sign 1428.092 $\pm$ 0.242 χ^2/NDF : 1122634.9/25

All: 1432.348 $\pm$ 0.169 χ^2/NDF : 2532904.6/51

- sign 1436.437 $\pm$ 0.237 χ^2/NDF : 1409661.0/25

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: -2634.354 $\pm$ 536.586 χ^2 /NDF: 19.6/20

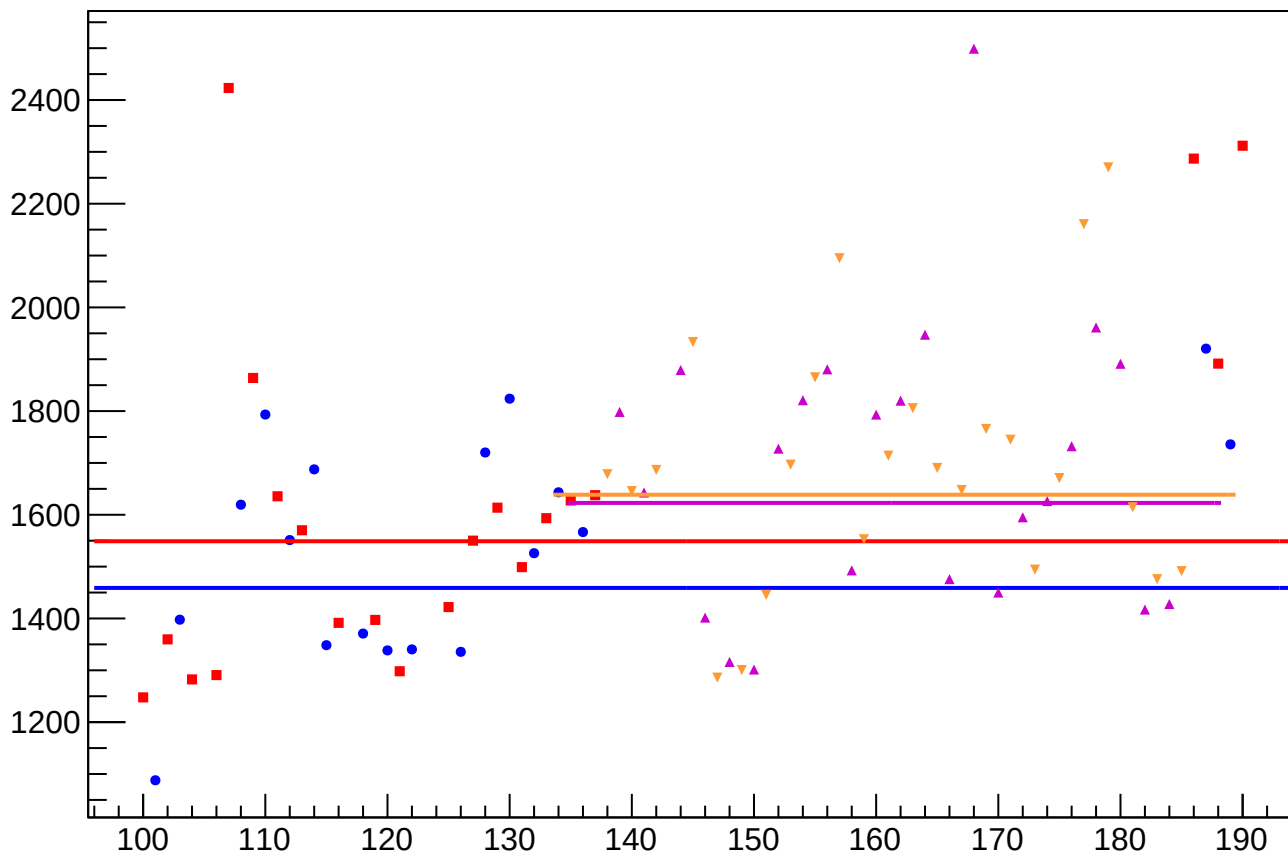
Left In: -2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

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

All: -113.223 $\pm$ 224.974 χ^2 /NDF: 178.3/85

- sign -2317.647 $\pm$ 316.381 χ^2 /NDF: 38.5/43

asym_us_avg_rms vs Slug



Right In: 1458.931+/-0.386 χ^2/NDF : 321515.1/17

Left Out: 1638.679+/-0.279 χ^2/NDF : 671983.1/23

Right Out: 1548.950+/-0.379 χ^2/NDF : 490441.5/20

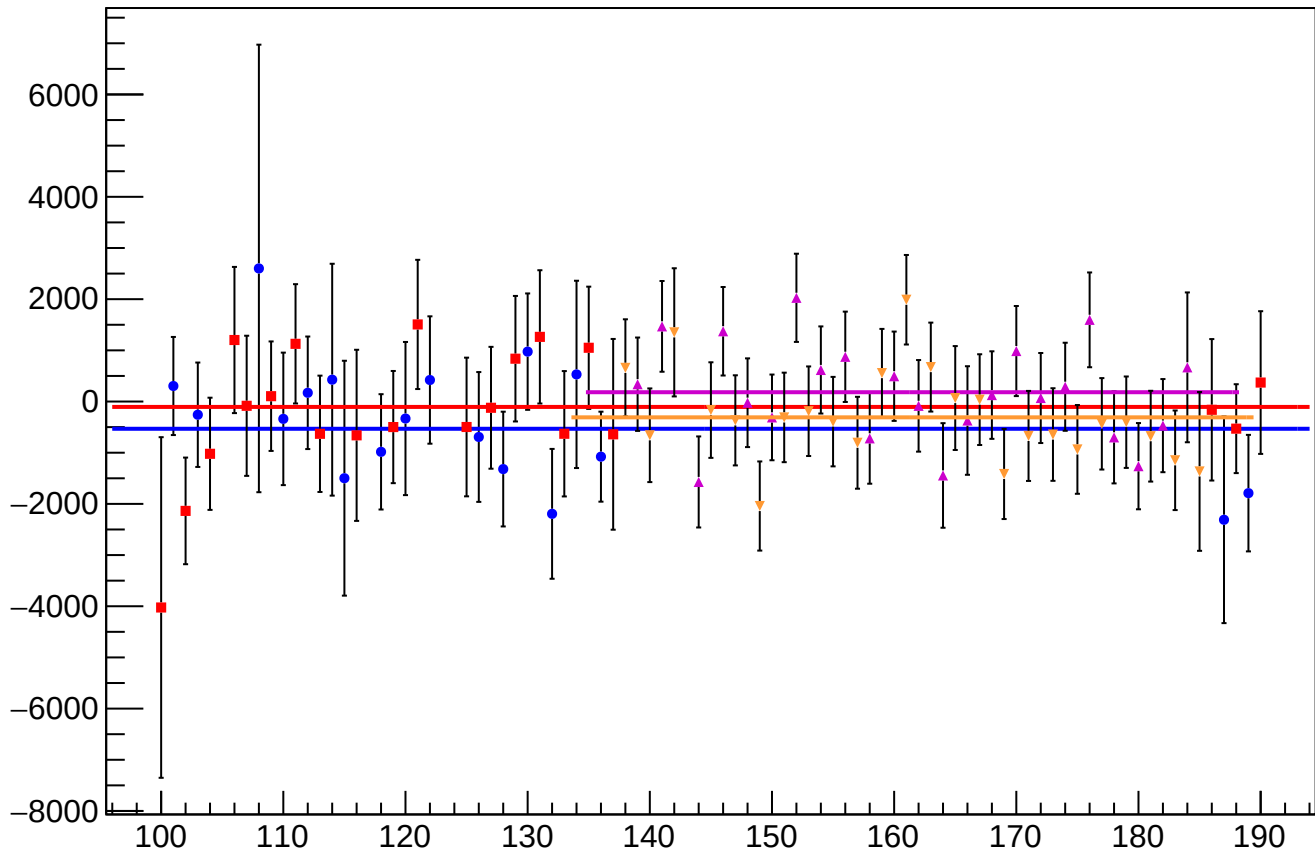
Left In: 1622.876+/-0.277 χ^2/NDF : 780522.2/22

+ sign 1577.000+/-0.226 χ^2/NDF : 1135757.5/41

All: 1587.202+/-0.159 χ^2/NDF : 2435506.2/85

- sign 1597.175+/-0.224 χ^2/NDF : 1295728.2/43

dit_asym_us_dd_mean vs Slug



Right In: -532.305 ± 298.637 χ^2/NDF : 9.6/17

Left Out: -308.819 ± 187.448 χ^2/NDF : 20.6/23

Right Out: -105.266 ± 271.213 χ^2/NDF : 13.3/20

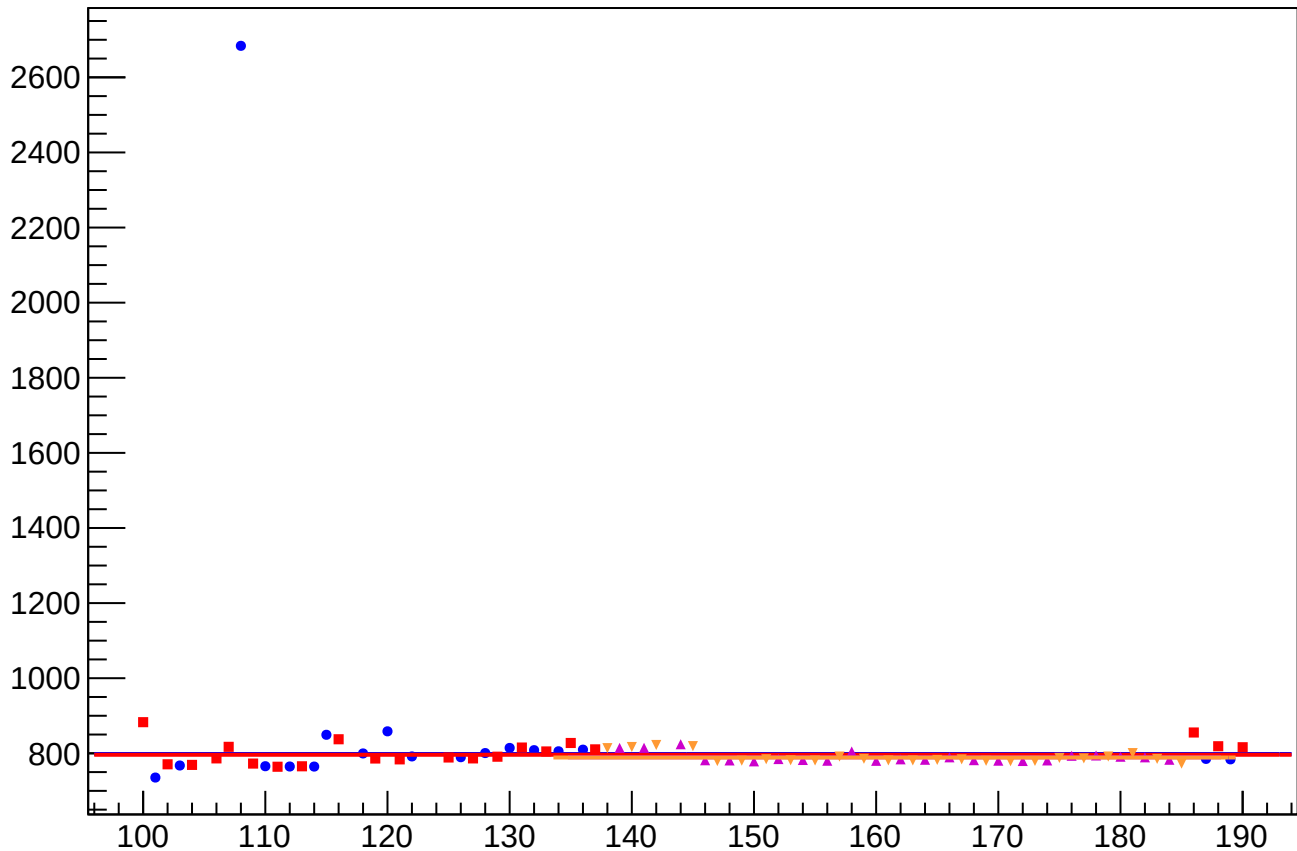
Left In: 181.983 ± 187.935 χ^2/NDF : 25.6/22

+ sign -371.982 ± 158.764 χ^2/NDF : 30.6/41

All: -135.281 ± 110.715 χ^2/NDF : 74.5/85

- sign 88.799 ± 154.473 χ^2/NDF : 39.6/43

dit_asym_us_dd_rms vs Slug



Right In: 798.147 $\pm$ 0.211 χ^2 /NDF: 391620.8/17

Left Out: 788.886 $\pm$ 0.133 χ^2 /NDF: 9342.2/23

Right Out: 796.154 $\pm$ 0.192 χ^2 /NDF: 17541.8/20

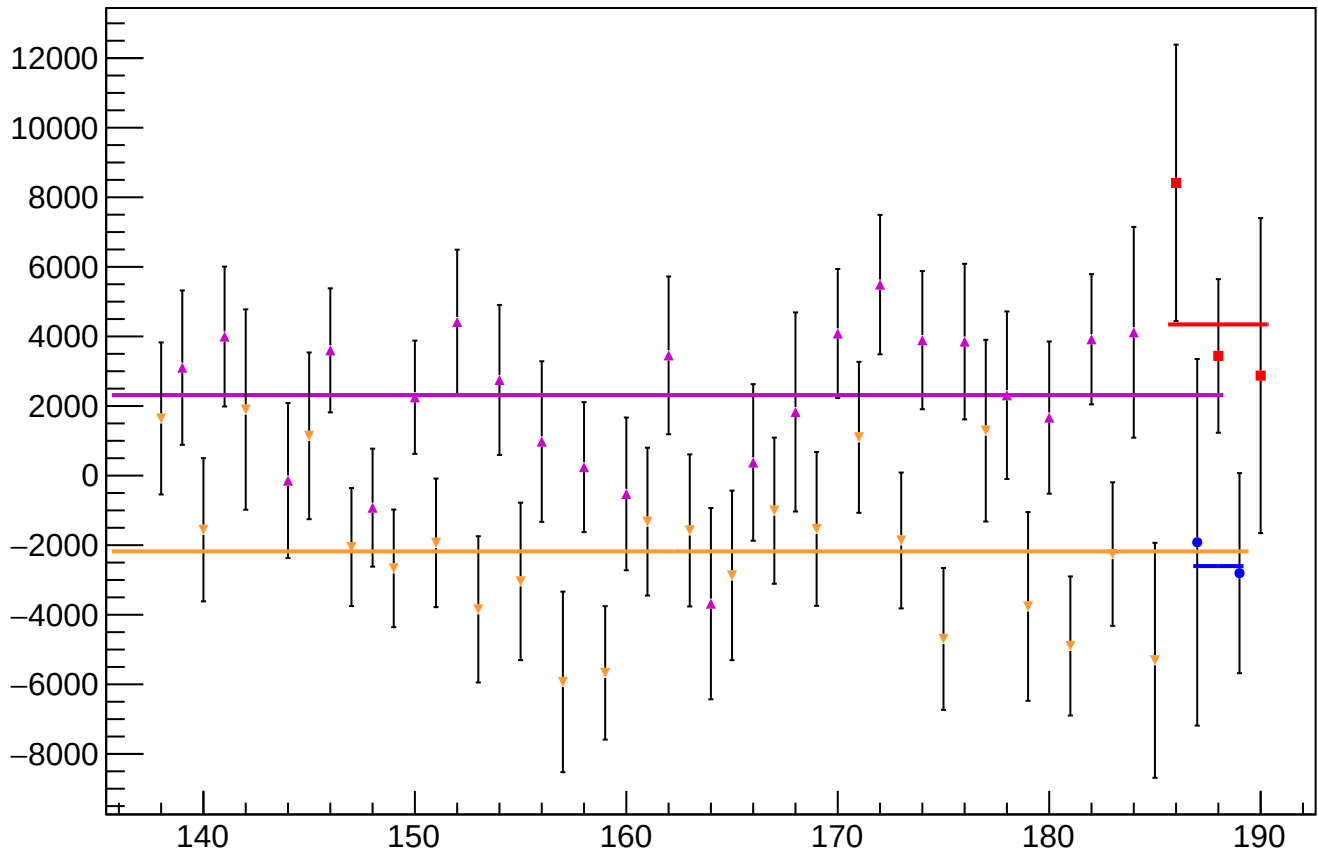
Left In: 789.406 $\pm$ 0.133 χ^2 /NDF: 9219.1/22

+ sign 791.503 $\pm$ 0.112 χ^2 /NDF: 402343.0/41

All: 791.551 $\pm$ 0.078 χ^2 /NDF: 429940.6/85

- sign 791.595 $\pm$ 0.109 χ^2 /NDF: 27597.3/43

asym_us_dd_correction_mean vs Slug



Right In: -2600.774 $\pm$ 2524.253 χ^2 /NDF: 0.0/1

Left Out: -2178.467 $\pm$ 439.661 χ^2 /NDF: 22.7/23

Right Out: 4345.287 $\pm$ 1775.110 χ^2 /NDF: 1.3/2

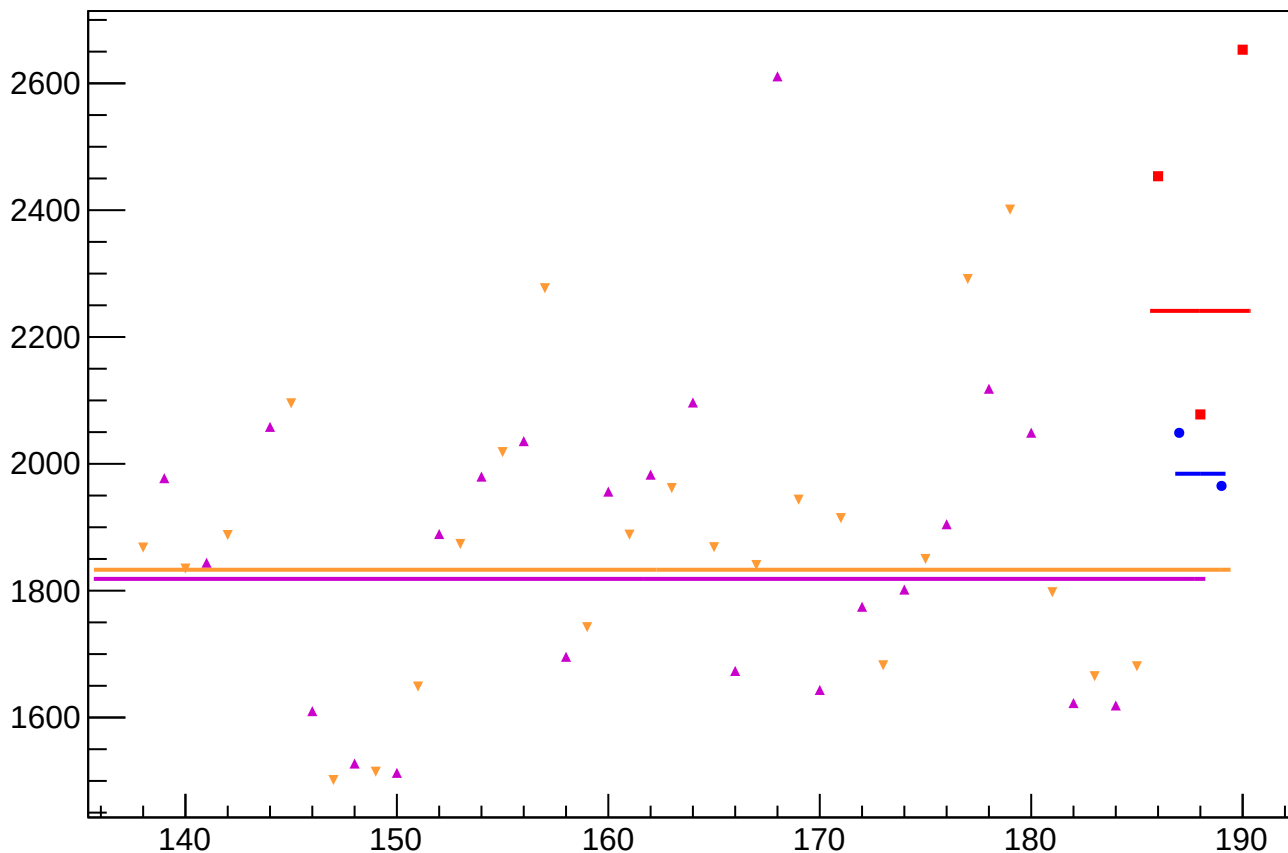
Left In: 2315.169 $\pm$ 437.003 χ^2 /NDF: 22.0/22

+ sign -2190.901 $\pm$ 433.140 χ^2 /NDF: 22.8/25

All: 167.604 $\pm$ 303.115 χ^2 /NDF: 105.4/51

- sign 2431.176 $\pm$ 424.333 χ^2 /NDF: 24.5/25

asym_us_dd_correction_rms vs Slug



Right In: 1984.390+/-1.785 χ^2/NDF : 388.7/1

Left Out: 1833.028+/-0.311 χ^2/NDF : 465466.9/23

Right Out: 2241.220+/-1.255 χ^2/NDF : 33194.5/2

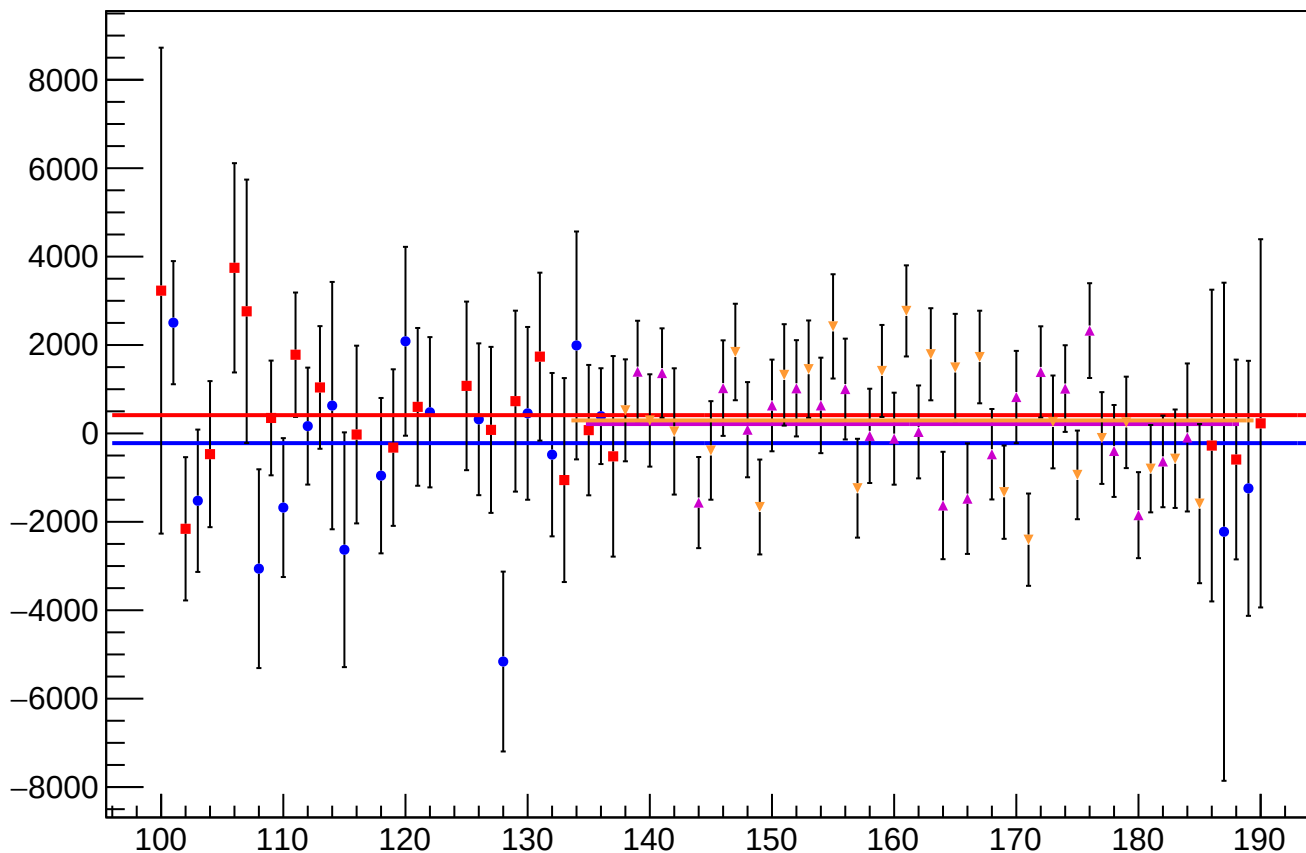
Left In: 1818.594+/-0.309 χ^2/NDF : 536826.7/22

+ sign 1837.484+/-0.306 χ^2/NDF : 472835.1/25

All: 1840.168+/-0.214 χ^2/NDF : 1149896.9/51

- sign 1842.744+/-0.300 χ^2/NDF : 676911.3/25

asym_us_dd_mean vs Slug



Right In: -219.690 ± 425.528 χ^2/NDF : 16.9/17

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

Right Out: 413.405 ± 414.494 χ^2/NDF : 8.6/20

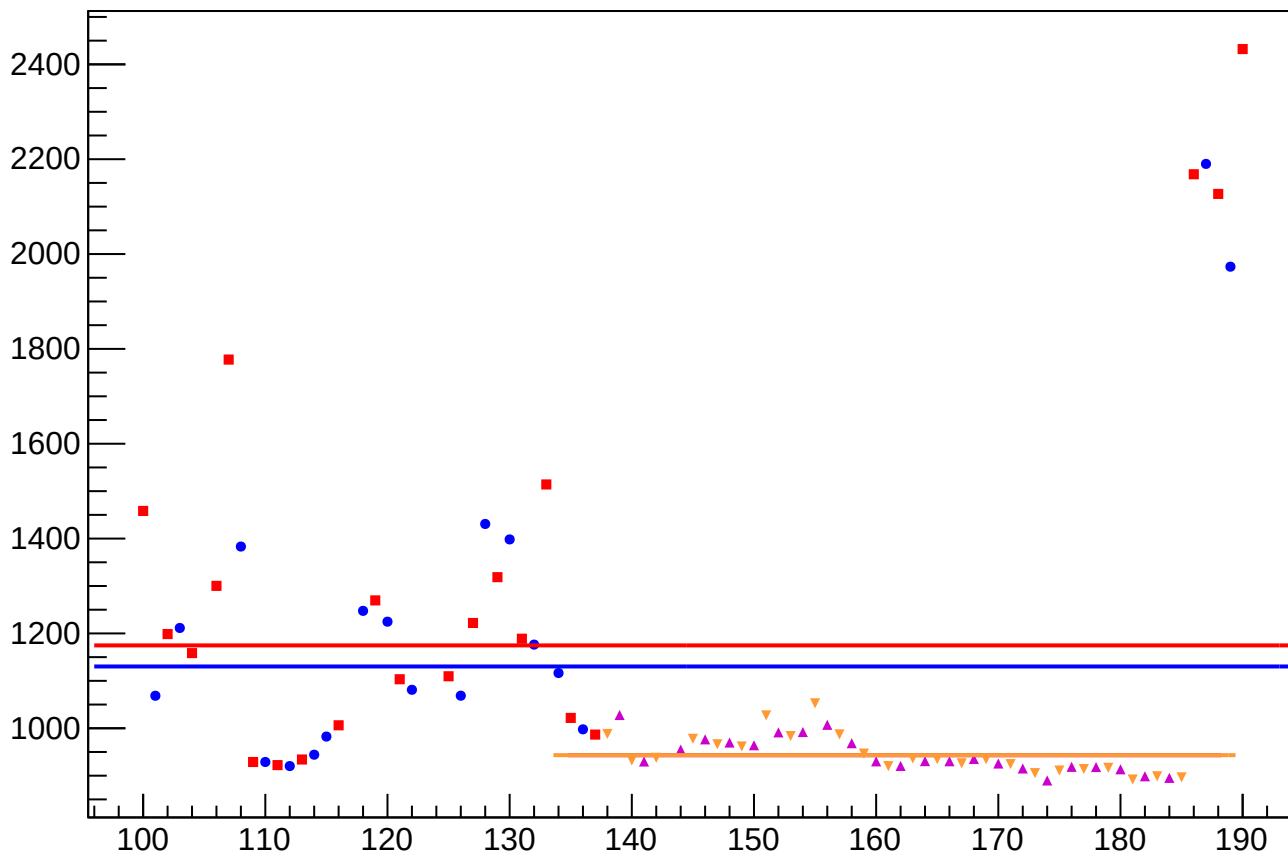
Left In: 212.080 ± 224.701 χ^2/NDF : 23.7/22

+ sign 182.782 ± 198.453 χ^2/NDF : 56.3/41

All: 220.468 ± 140.004 χ^2/NDF : 88.9/85

- sign 257.808 ± 197.541 χ^2/NDF : 32.5/43

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: 1174.734+/-0.293 χ^2 /NDF: 1100992.8/20

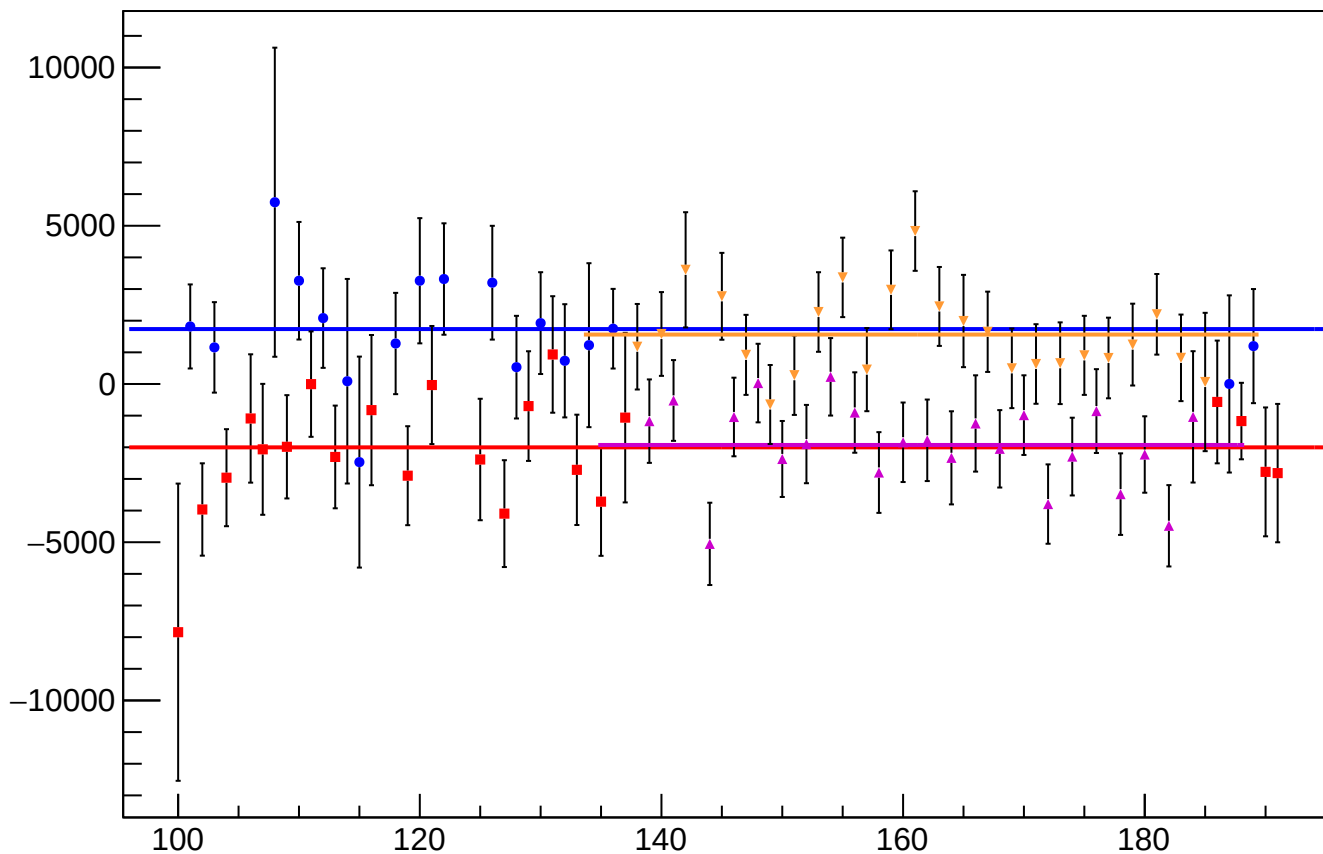
Left In: 943.137+/-0.159 χ^2 /NDF:49948.2/22

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

All: 989.895+/-0.099 χ^2 /NDF: 2503352.1/85

- sign 995.740+/-0.140 χ^2 /NDF: 1633517.4/43

dit_asym_usl_mean vs Slug



Right In: 1735.431 $\pm$ 424.455 χ^2 /NDF: 7.0/17

Left Out: 1562.090 $\pm$ 269.272 χ^2 /NDF: 21.8/23

Right Out: -2002.451 $\pm$ 381.568 χ^2 /NDF: 14.4/21

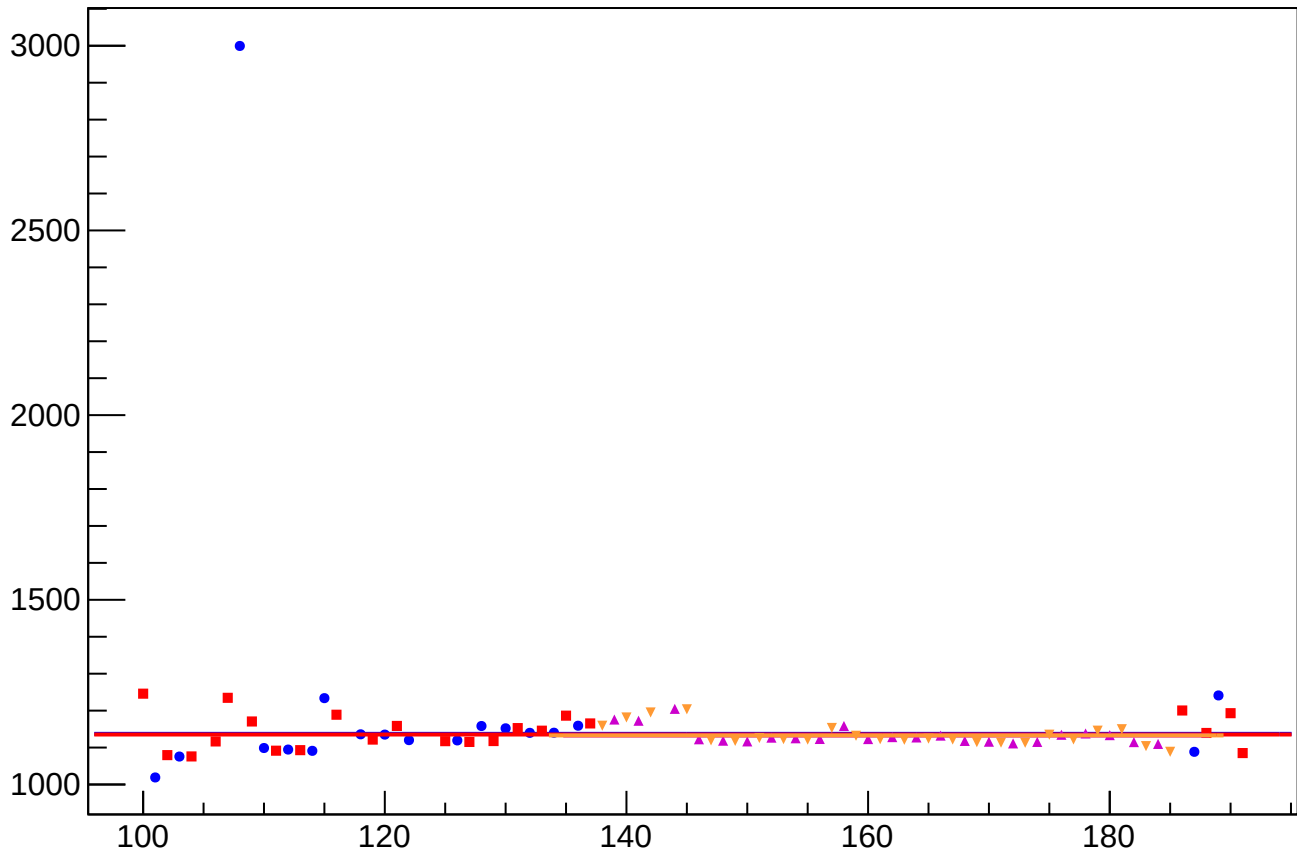
Left In: -1926.929 $\pm$ 269.667 χ^2 /NDF: 24.1/22

+ sign 1611.833 $\pm$ 227.377 χ^2 /NDF: 28.8/41

All: -227.091 $\pm$ 158.189 χ^2 /NDF: 194.2/86

- sign -1952.085 $\pm$ 220.221 χ^2 /NDF: 38.6/44

dit_asym_usl_rms vs Slug



Right In: 1137.113 $\pm$ 0.300 χ^2 /NDF: 323541.0/17

Left Out: 1132.882 $\pm$ 0.190 χ^2 /NDF: 16786.8/23

Right Out: 1135.330 $\pm$ 0.270 χ^2 /NDF: 24860.2/21

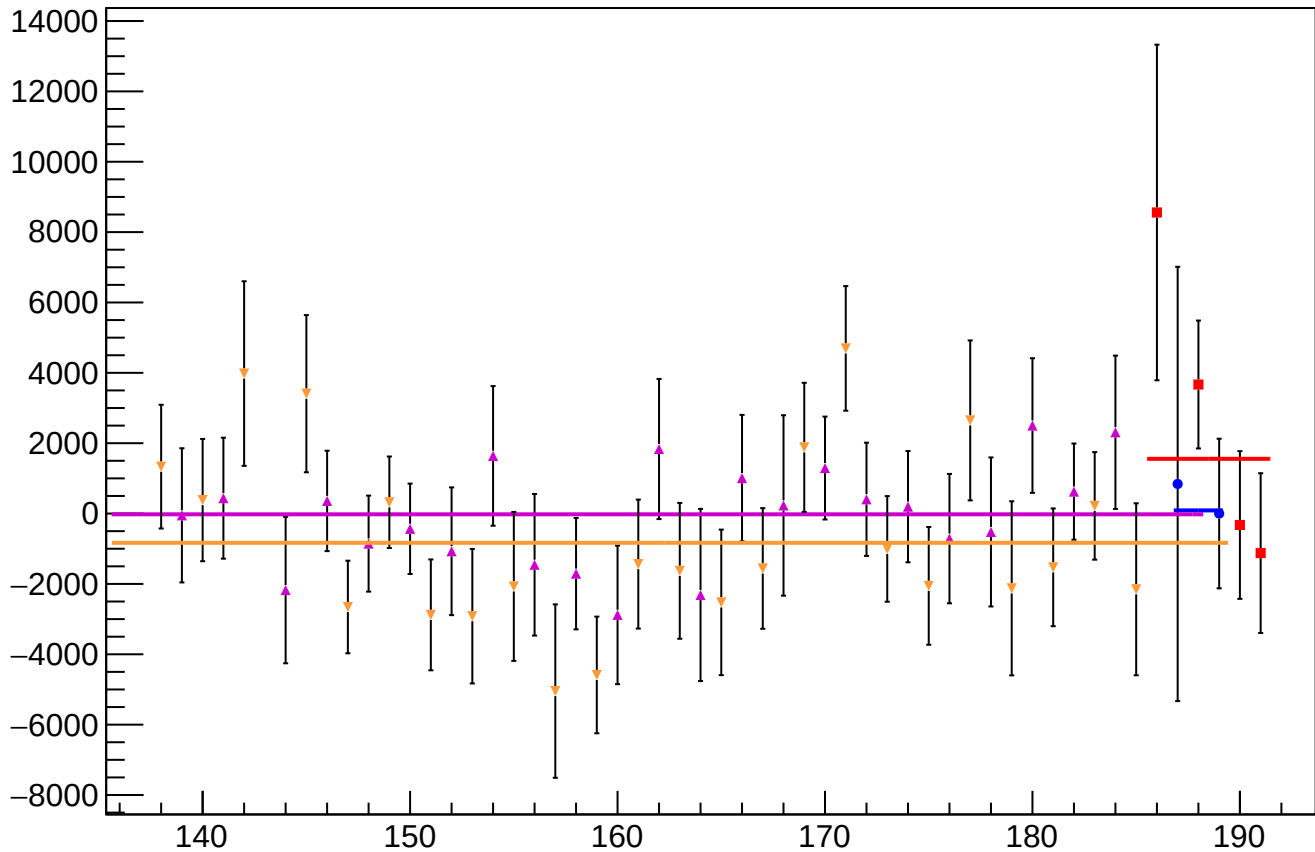
Left In: 1132.570 $\pm$ 0.191 χ^2 /NDF: 14524.8/22

+ sign 1134.096 $\pm$ 0.161 χ^2 /NDF: 340469.4/41

All: 1133.783 $\pm$ 0.112 χ^2 /NDF: 379931.6/86

- sign 1133.490 $\pm$ 0.156 χ^2 /NDF: 39454.8/44

asym_usl_correction_mean vs Slug



Right In: 89.833 ± 2010.304 χ^2/NDF : 0.0/1

Left Out: -830.927 ± 366.086 χ^2/NDF : 40.1/23

Right Out: 1556.116 ± 1141.579 χ^2/NDF : 5.7/3

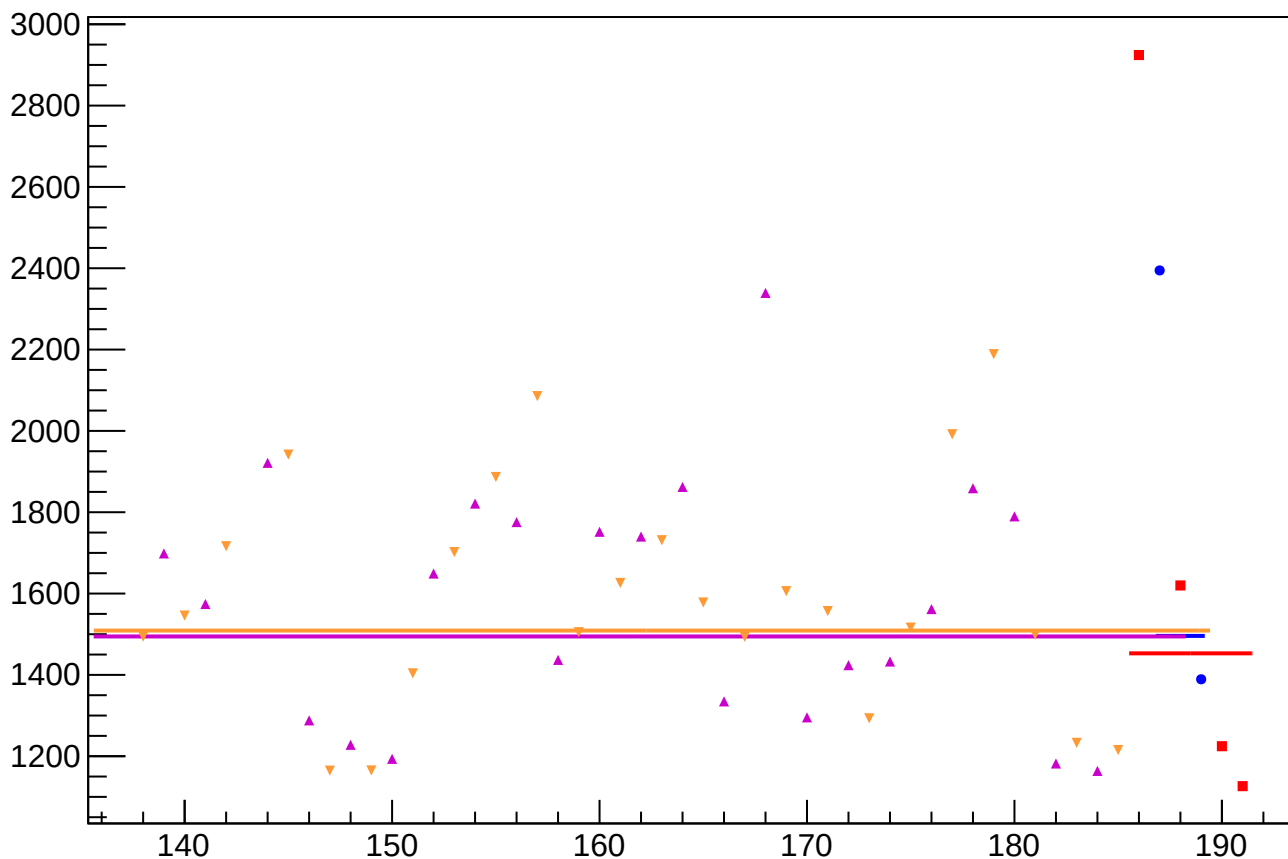
Left In: -21.419 ± 362.476 χ^2/NDF : 12.8/22

+ sign -801.373 ± 360.163 χ^2/NDF : 40.3/25

All: -319.927 ± 249.320 χ^2/NDF : 63.9/52

- sign 123.061 ± 345.478 χ^2/NDF : 20.2/26

asym_usl_correction_rms vs Slug



Right In: 1495.852 $\pm$ 1.421 χ^2/NDF : 47432.8/1

Left Out: 1508.993 $\pm$ 0.259 χ^2/NDF :988673.2/23

Right Out: 1452.979 $\pm$ 0.807 χ^2/NDF : 272209.5/3

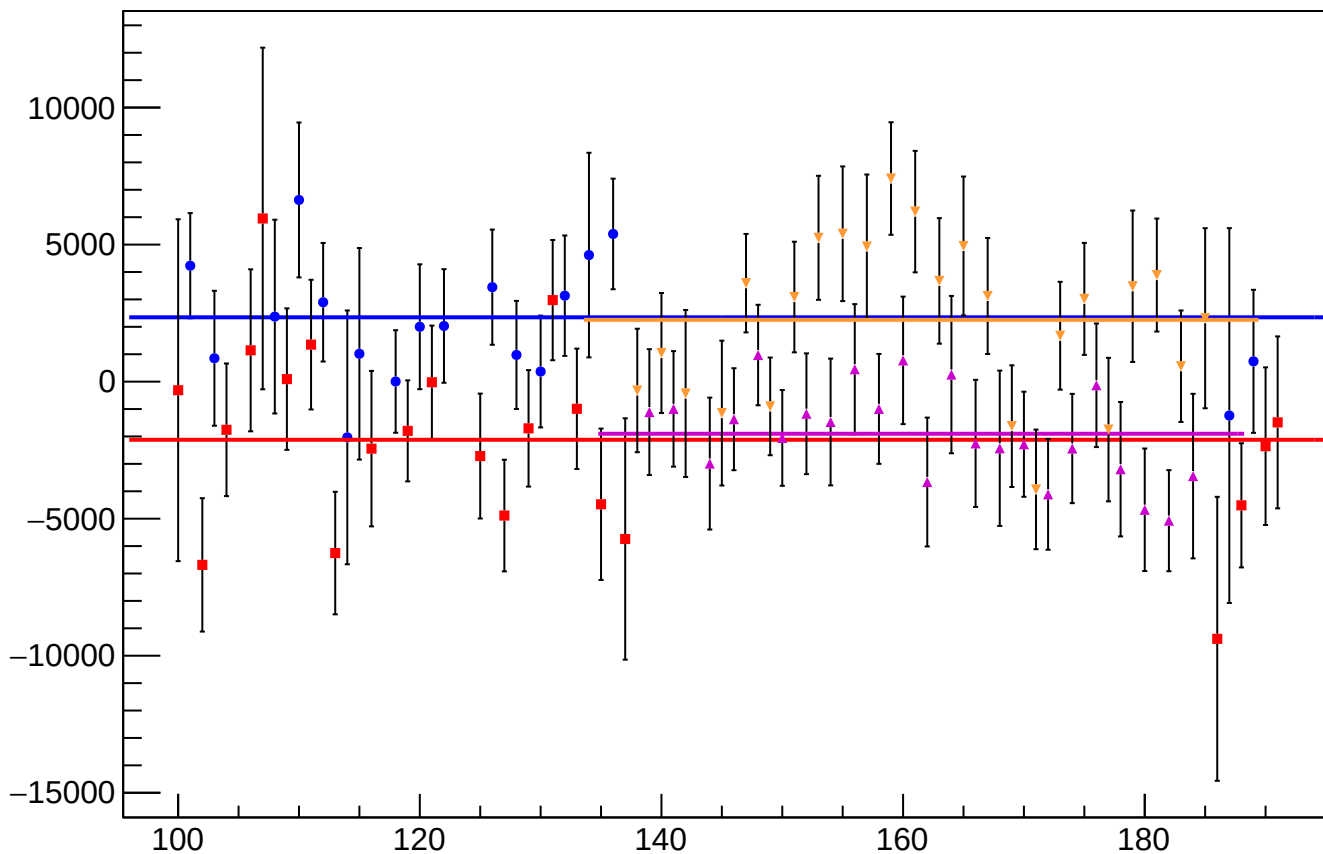
Left In: 1494.507 $\pm$ 0.256 χ^2/NDF :1096280.5/22

+ sign 1508.571 $\pm$ 0.255 χ^2/NDF : 1036188.8/25

All: 1499.265 $\pm$ 0.176 χ^2/NDF : 2409646.4/52

- sign 1490.704 $\pm$ 0.244 χ^2/NDF : 1370894.2/26

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: -2121.018 $\pm$ 542.734 χ^2 /NDF: 26.0/21

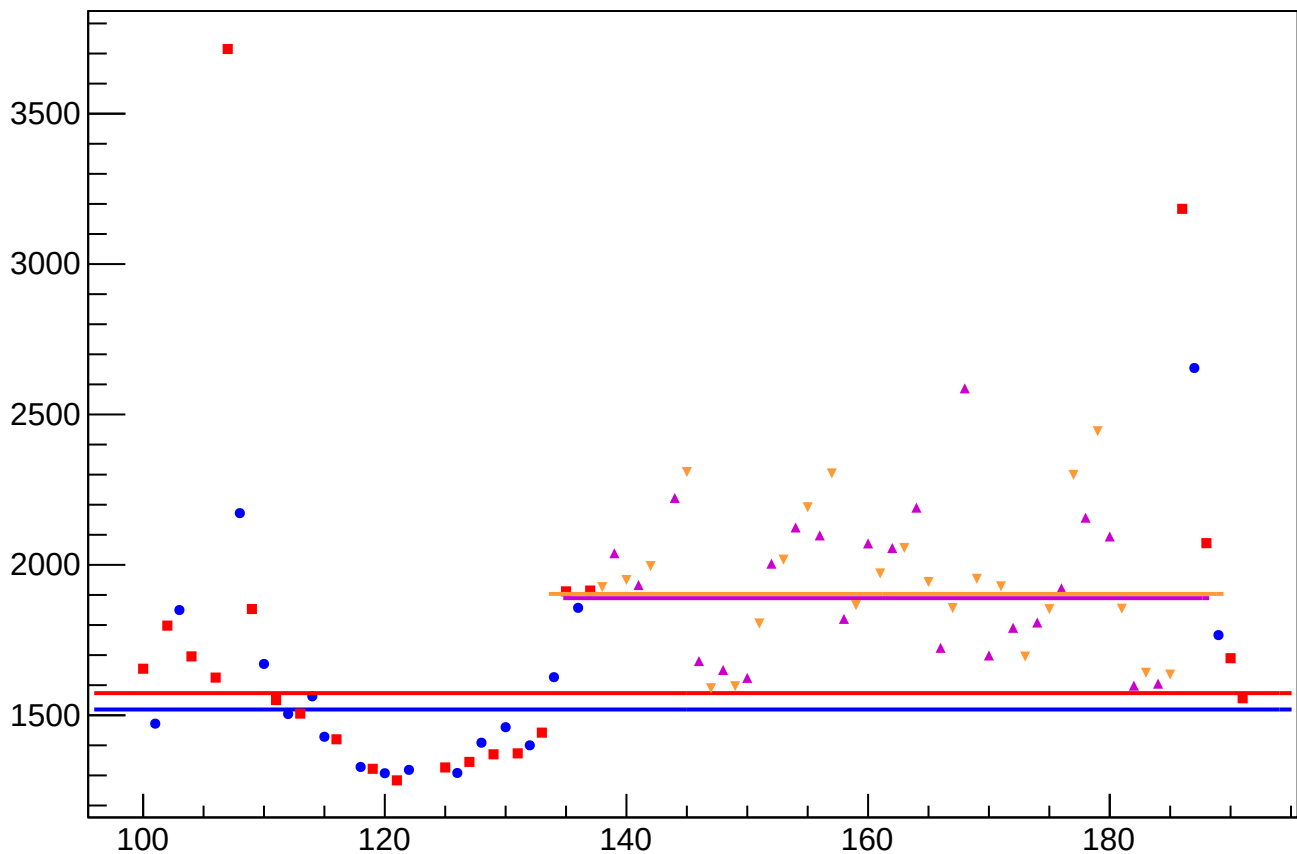
Left In: -1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

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

All: 102.683 $\pm$ 248.857 χ^2 /NDF: 164.1/86

- sign -1992.017 $\pm$ 348.174 χ^2 /NDF: 40.0/44

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: 1573.587+/-0.384 χ^2/NDF : 793507.9/21

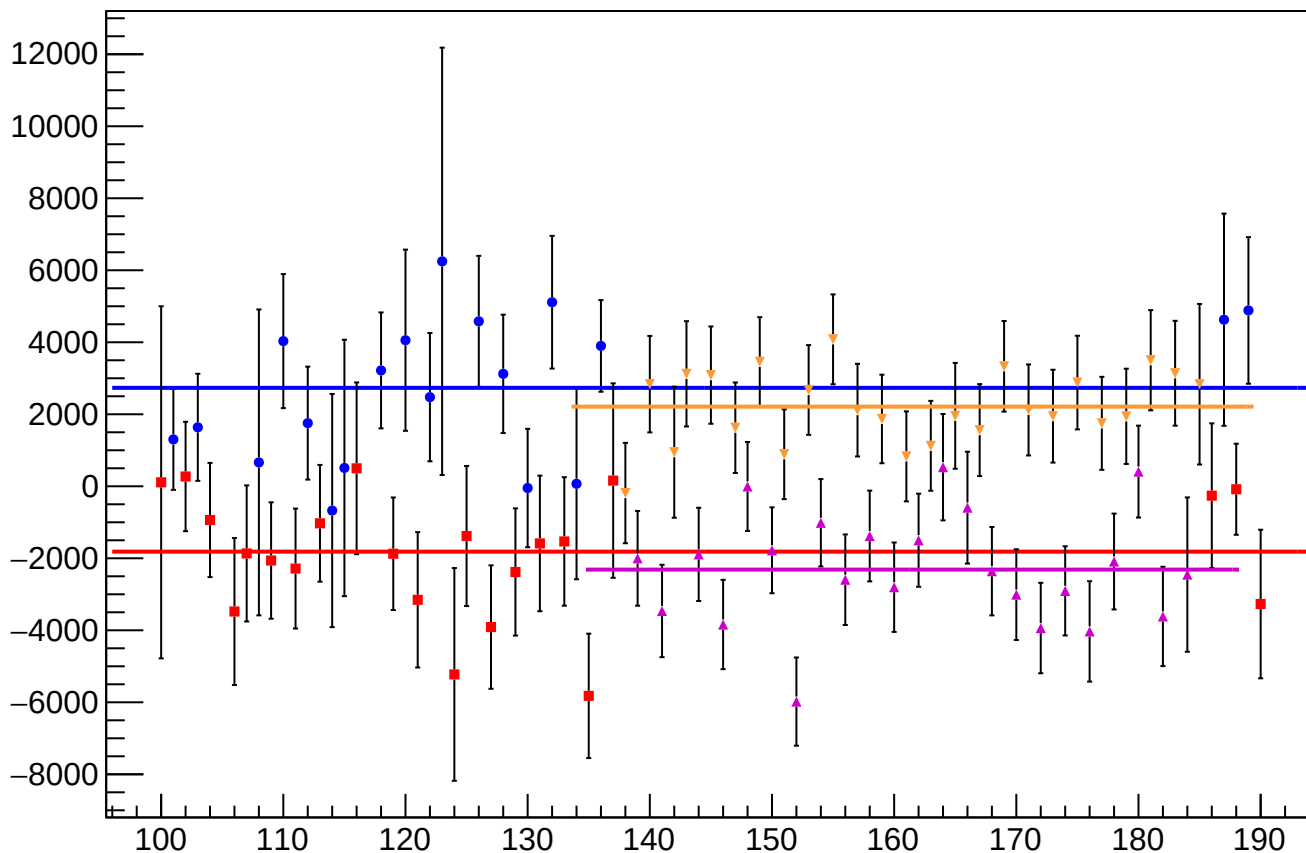
Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

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

All: 1756.146+/-0.176 χ^2/NDF : 3053173.6/80

- sign 1759.385+/-0.246 χ^2/NDF : 1700470.6/44

dit_asym_usr_mean vs Slug



Right In: 2734.279 $\pm$ 437.467 χ^2/NDF : 13.9/18

Left Out: 2213.308 $\pm$ 266.921 χ^2/NDF :14.2/24

Right Out: -1815.374 $\pm$ 389.274 χ^2/NDF : 16.7/21

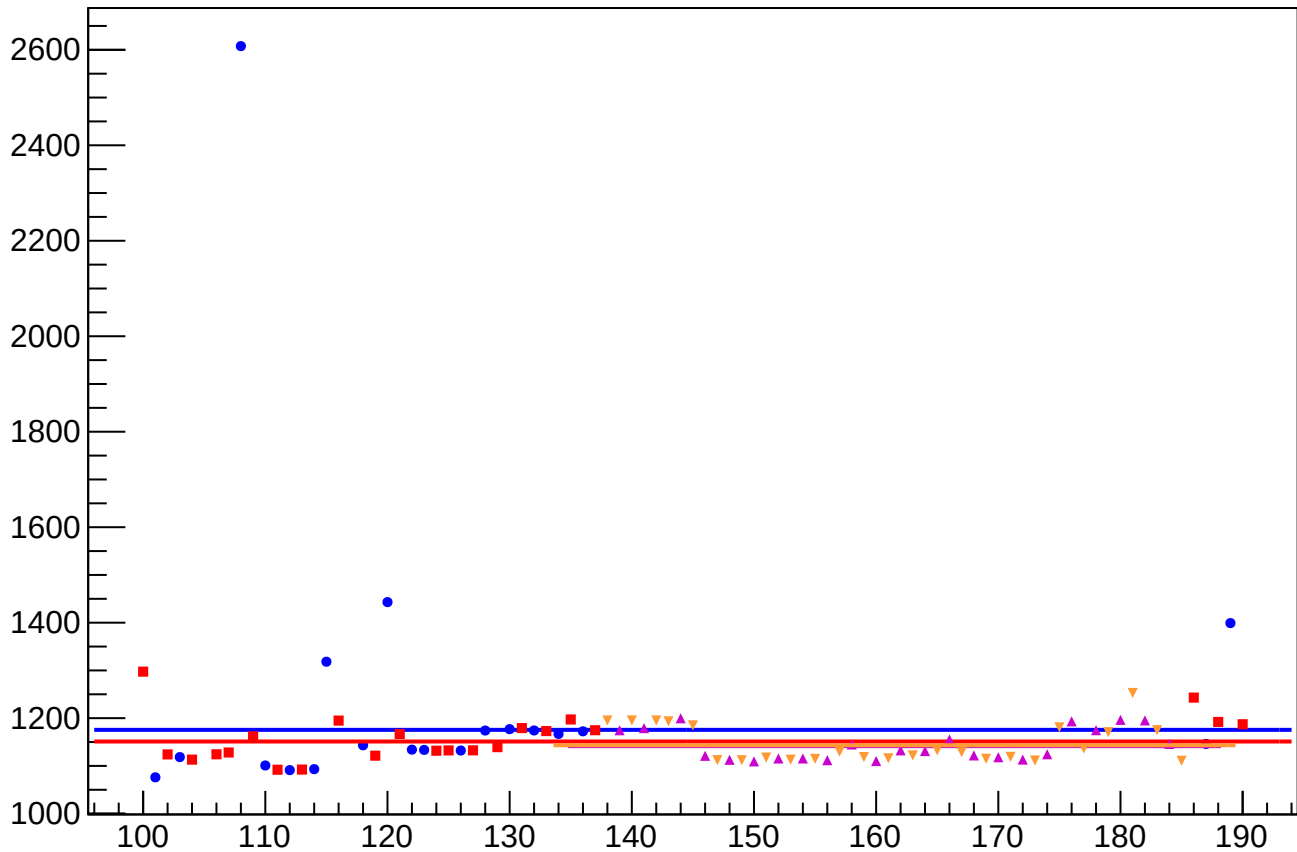
Left In: -2314.778 $\pm$ 271.873 χ^2/NDF :31.6/22

+ sign 2354.642 $\pm$ 227.856 χ^2/NDF : 29.1/43

All: 52.195 $\pm$ 159.335 χ^2/NDF : 278.3/88

- sign -2151.045 $\pm$ 222.893 χ^2/NDF : 49.4/44

dit_asym_usr_rms vs Slug



Right In: 1175.529 ± 0.309 χ^2/NDF : 303953.1/18

Left Out: 1143.249 ± 0.189 χ^2/NDF : 39493.3/24

Right Out: 1151.113 ± 0.275 χ^2/NDF : 20798.8/21

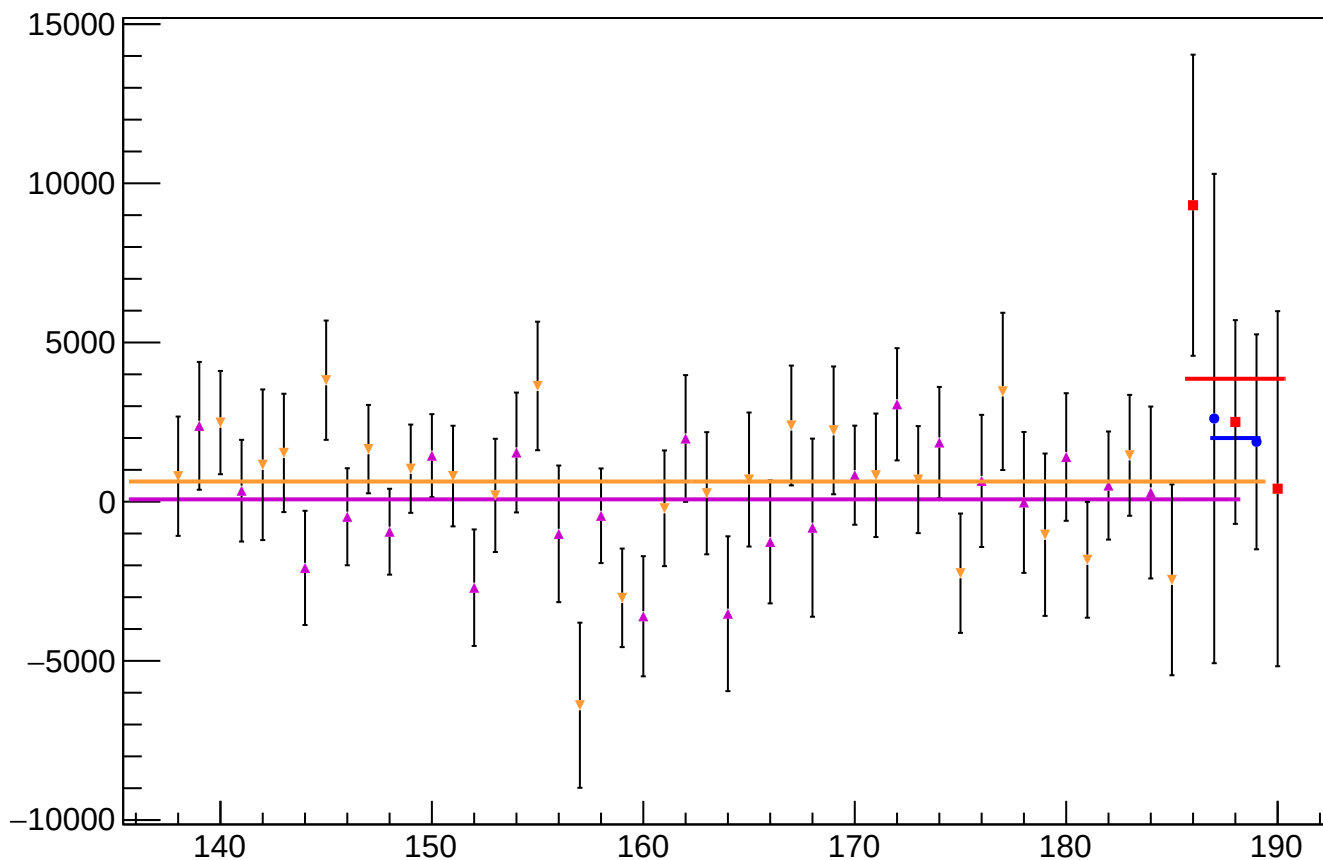
Left In: 1141.363 ± 0.192 χ^2/NDF : 28014.9/22

+ sign 1152.007 ± 0.161 χ^2/NDF : 351381.5/43

All: 1148.201 ± 0.113 χ^2/NDF : 402130.2/88

- sign 1144.560 ± 0.158 χ^2/NDF : 49657.1/44

asym_usr_correction_mean vs Slug



Right In: 1998.514 $\pm$ 3090.786 χ^2 /NDF: 0.0/1

Left Out: 633.748 $\pm$ 371.934 χ^2 /NDF:29.3/24

Right Out: 3860.989 $\pm$ 2393.674 χ^2 /NDF: 1.9/2

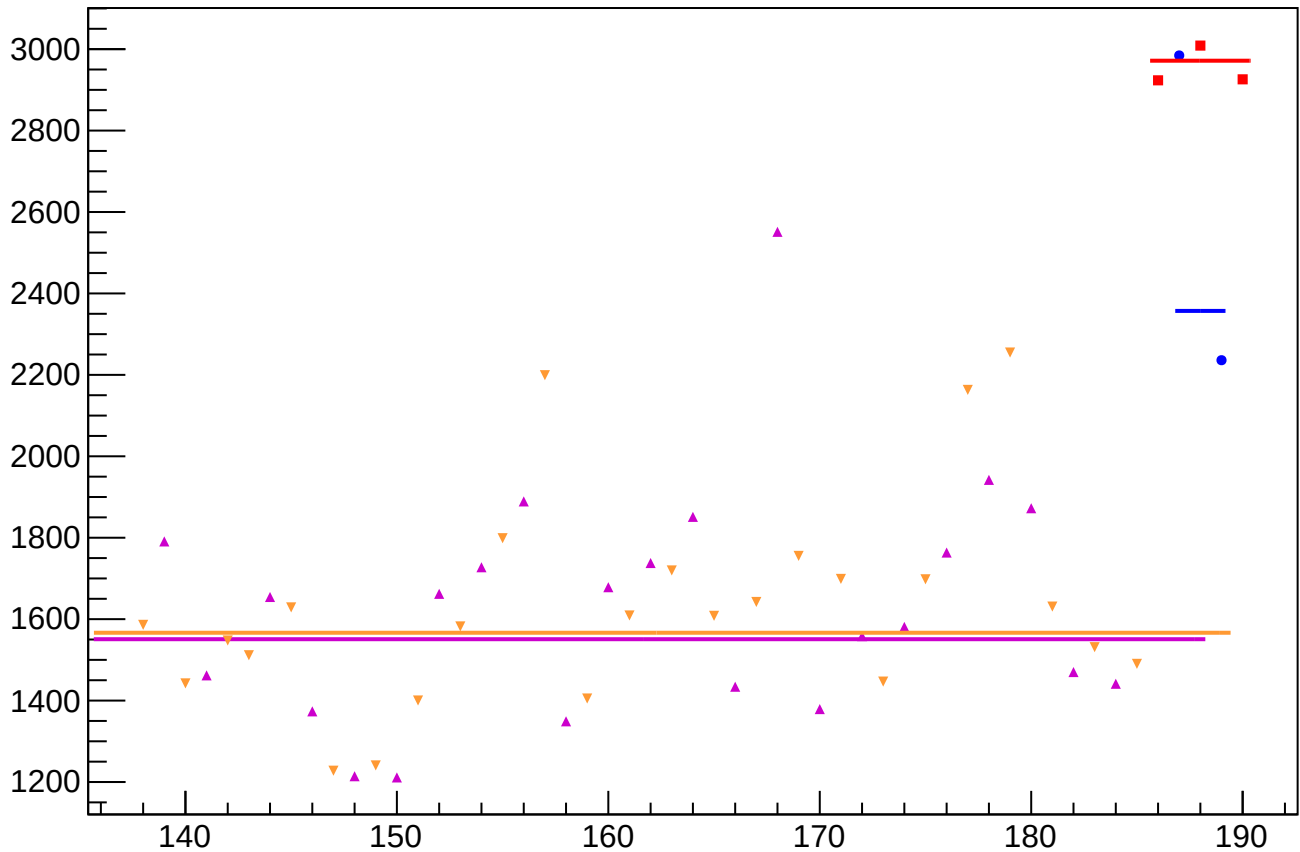
Left In: 72.962 $\pm$ 375.277 χ^2 /NDF:20.1/22

+ sign 653.228 $\pm$ 369.270 χ^2 /NDF: 29.5/26

All: 409.510 $\pm$ 261.634 χ^2 /NDF: 54.8/52

- sign 163.836 $\pm$ 370.749 χ^2 /NDF: 24.4/25

asym_usr_correction_rms vs Slug



Right In: 2357.079+/-2.186 χ^2 /NDF: 15902.8/1

Left Out: 1566.626+/-0.263 χ^2 /NDF: 766955.2/24

Right Out: 2971.622+/-1.693 χ^2 /NDF: 611.2/2

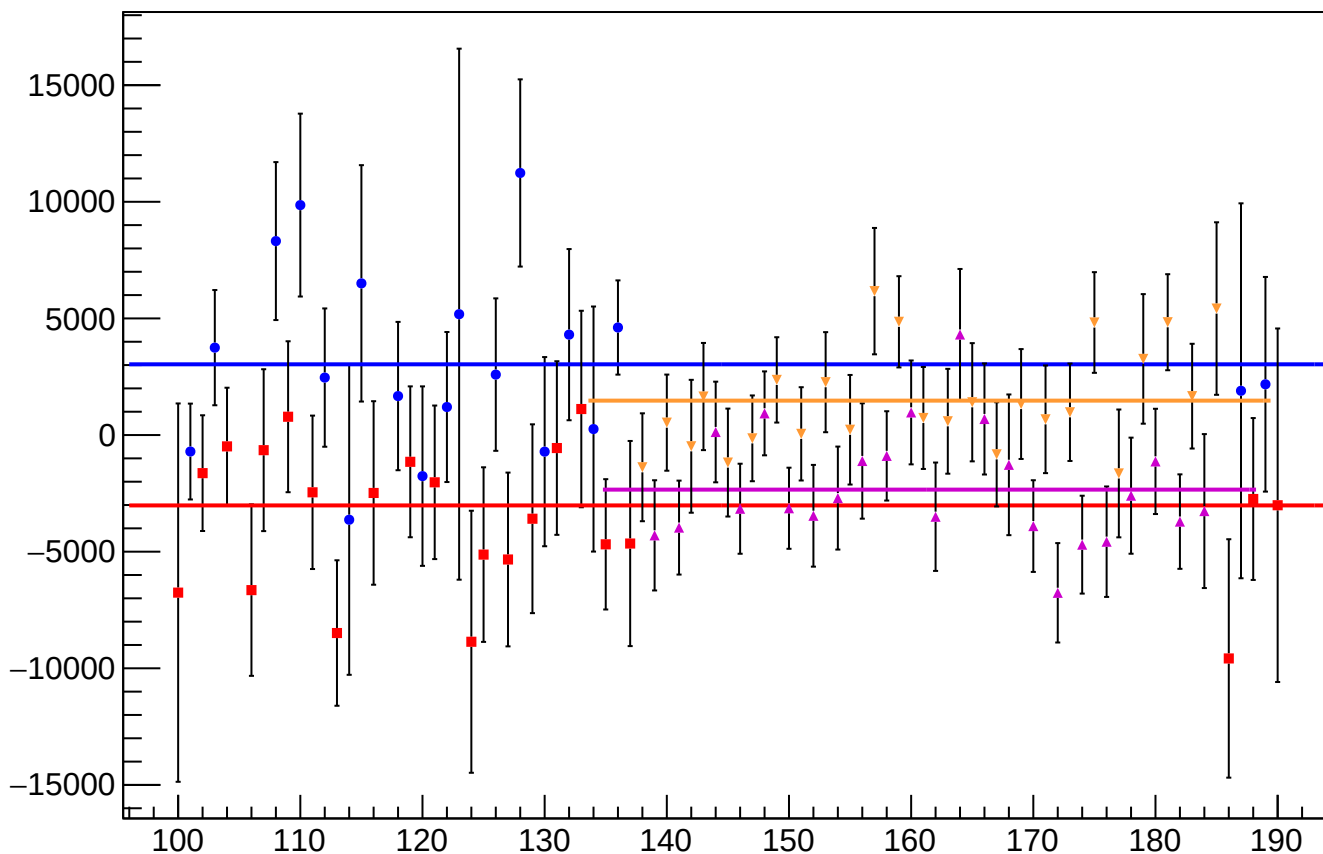
Left In: 1550.750+/-0.265 χ^2 /NDF: 928652.8/22

+ sign 1577.909+/-0.261 χ^2 /NDF: 911801.7/26

All: 1581.359+/-0.185 χ^2 /NDF: 2529219.7/52

- sign 1584.836+/-0.262 χ^2 /NDF: 1617067.5/25

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: -3016.949 $\pm$ 762.593 χ^2 /NDF: 13.3/21

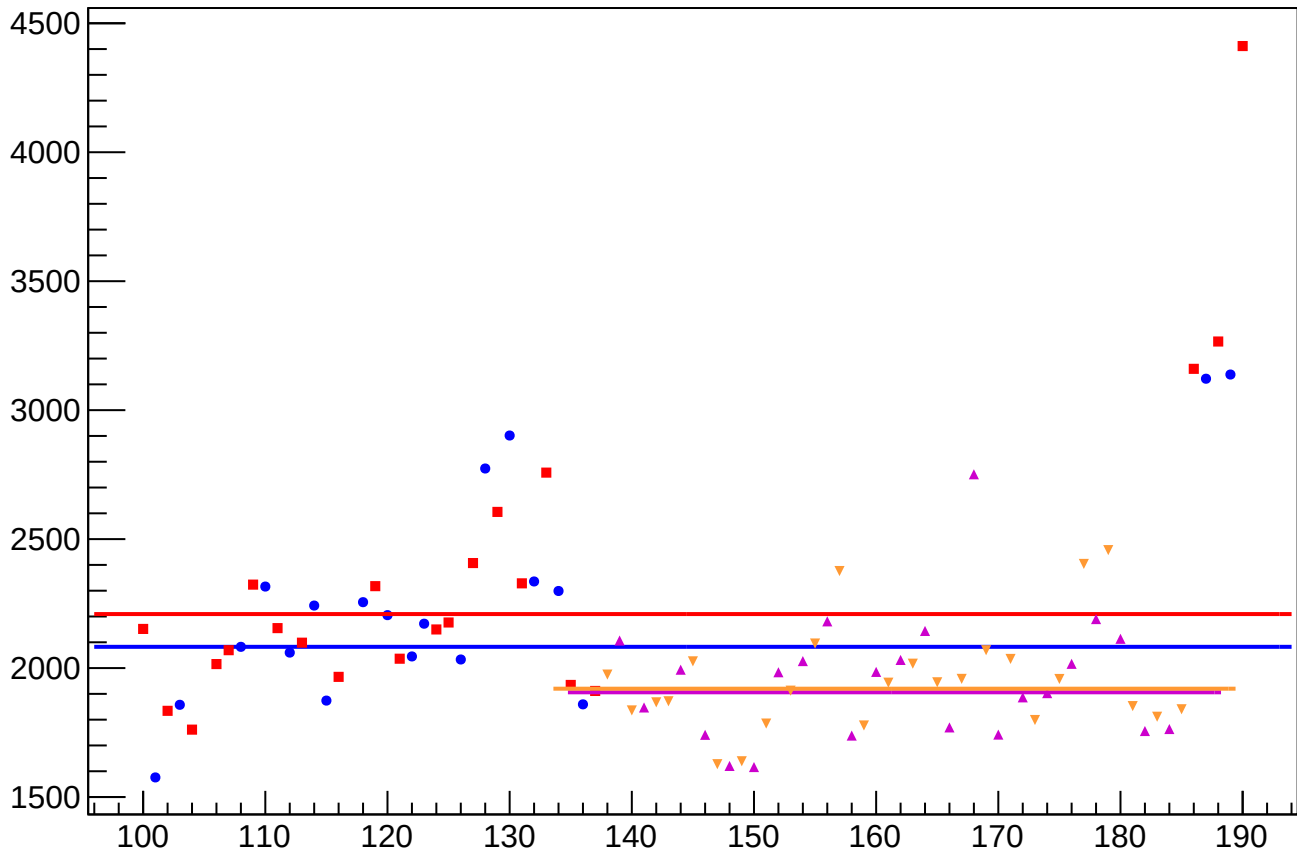
Left In: -2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

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

All: -319.795 $\pm$ 276.911 χ^2 /NDF: 144.1/88

- sign -2519.061 $\pm$ 392.283 χ^2 /NDF: 39.0/44

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: 2209.416 $\pm$ 0.539 χ^2 /NDF: 652388.0/21

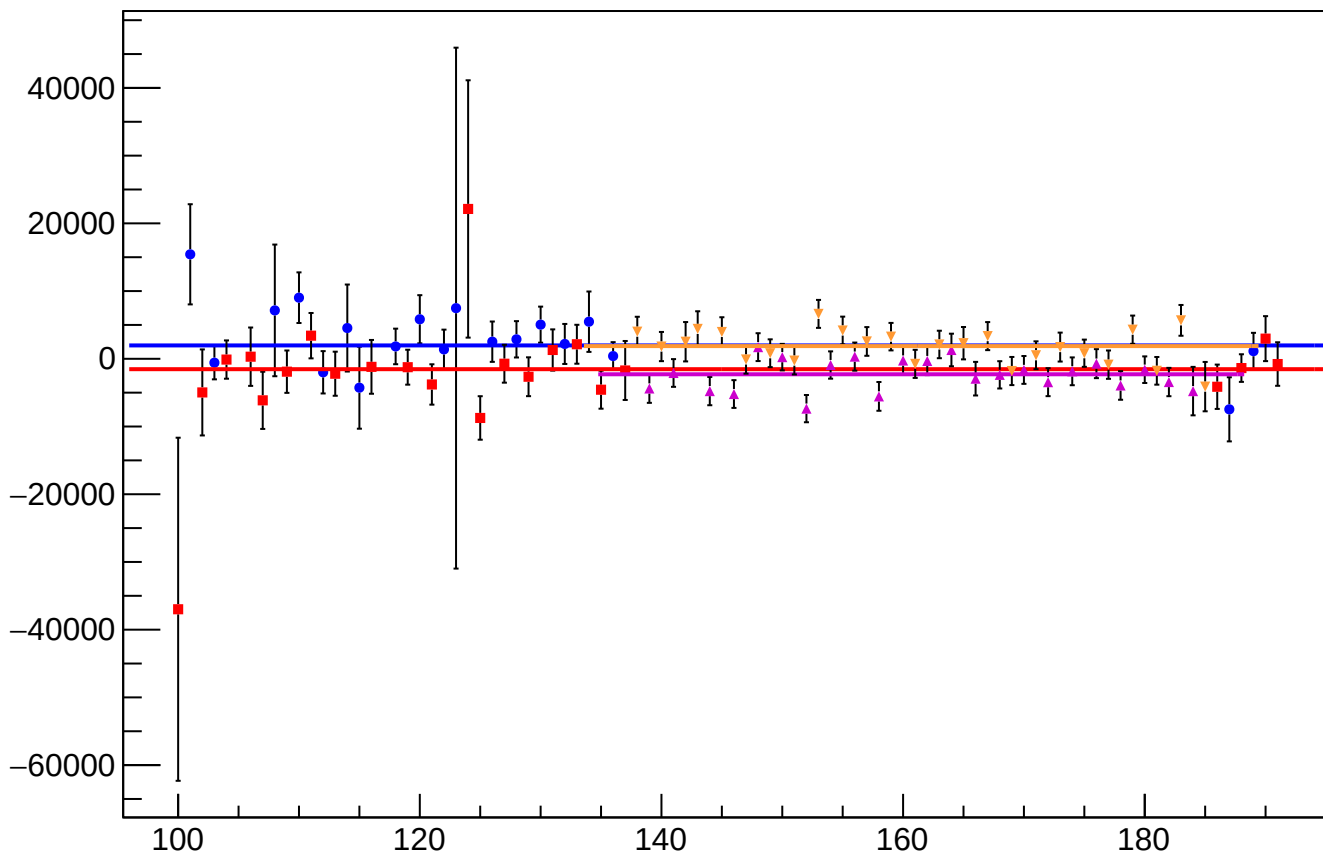
Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF: 451054.7/22

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

All: 1973.427 $\pm$ 0.196 χ^2 /NDF: 2246646.5/80

- sign 1986.320 $\pm$ 0.277 χ^2 /NDF: 1336205.7/44

dit_asym_at1_avg_mean vs Slug



Right In: 1974.318 ± 758.543 χ^2/NDF : 19.1/18

Left Out: 1875.290 ± 433.245 χ^2/NDF : 30.0/24

Right Out: -1533.997 ± 681.500 χ^2/NDF : 19.7/22

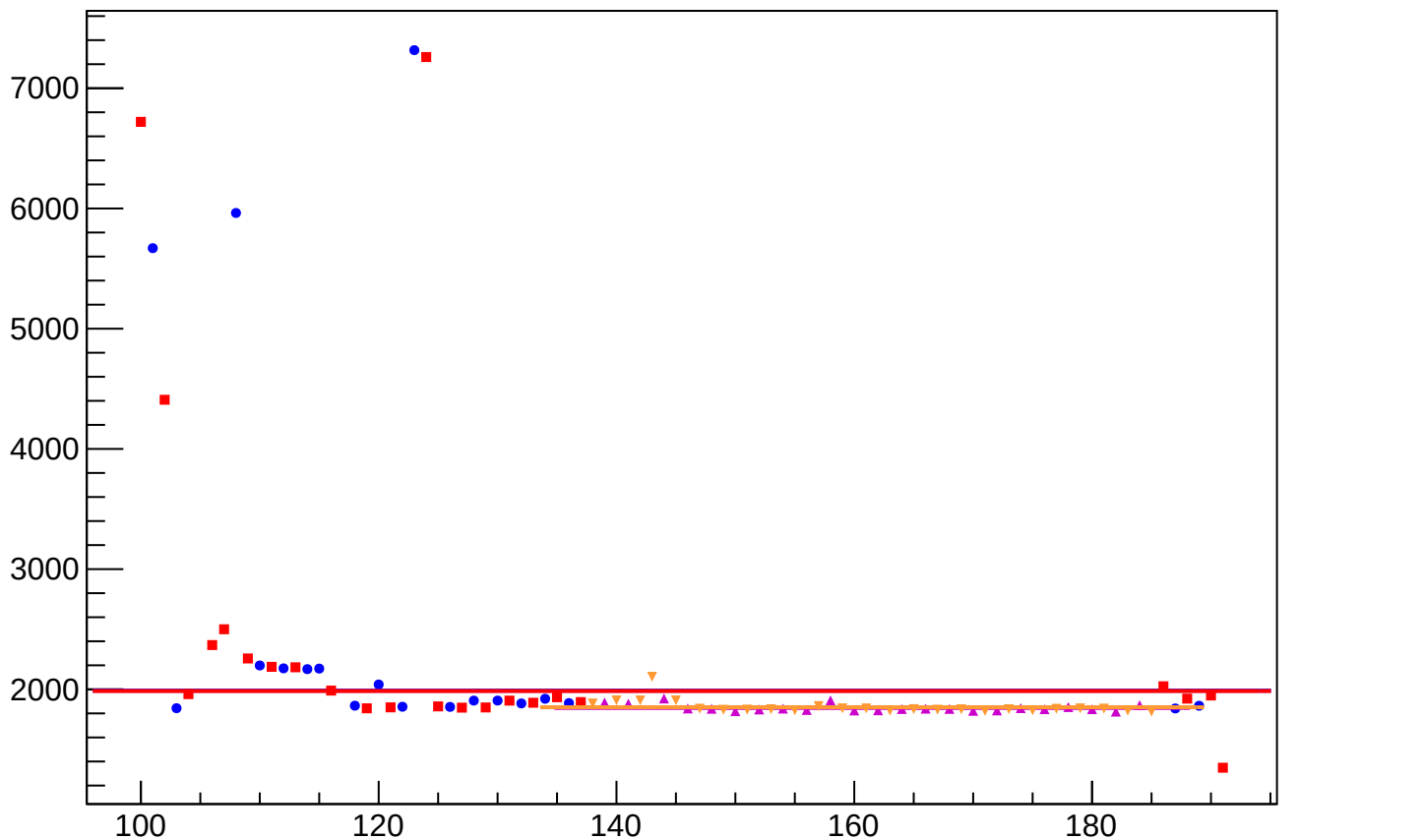
Left In: -2286.268 ± 441.005 χ^2/NDF : 27.3/22

+ sign 1899.649 ± 376.206 χ^2/NDF : 49.1/43

All: -113.940 ± 263.886 χ^2/NDF : 153.4/89

- sign -2064.232 ± 370.246 χ^2/NDF : 47.9/45

dit_asym_at1_avg_rms vs Slug



Right In: 1989.283+/-0.536 χ^2/NDF : 923014.4/18

Left Out: 1851.066+/-0.306 χ^2/NDF : 26251.6/24

Right Out: 1986.445+/-0.482 χ^2/NDF : 699562.5/22

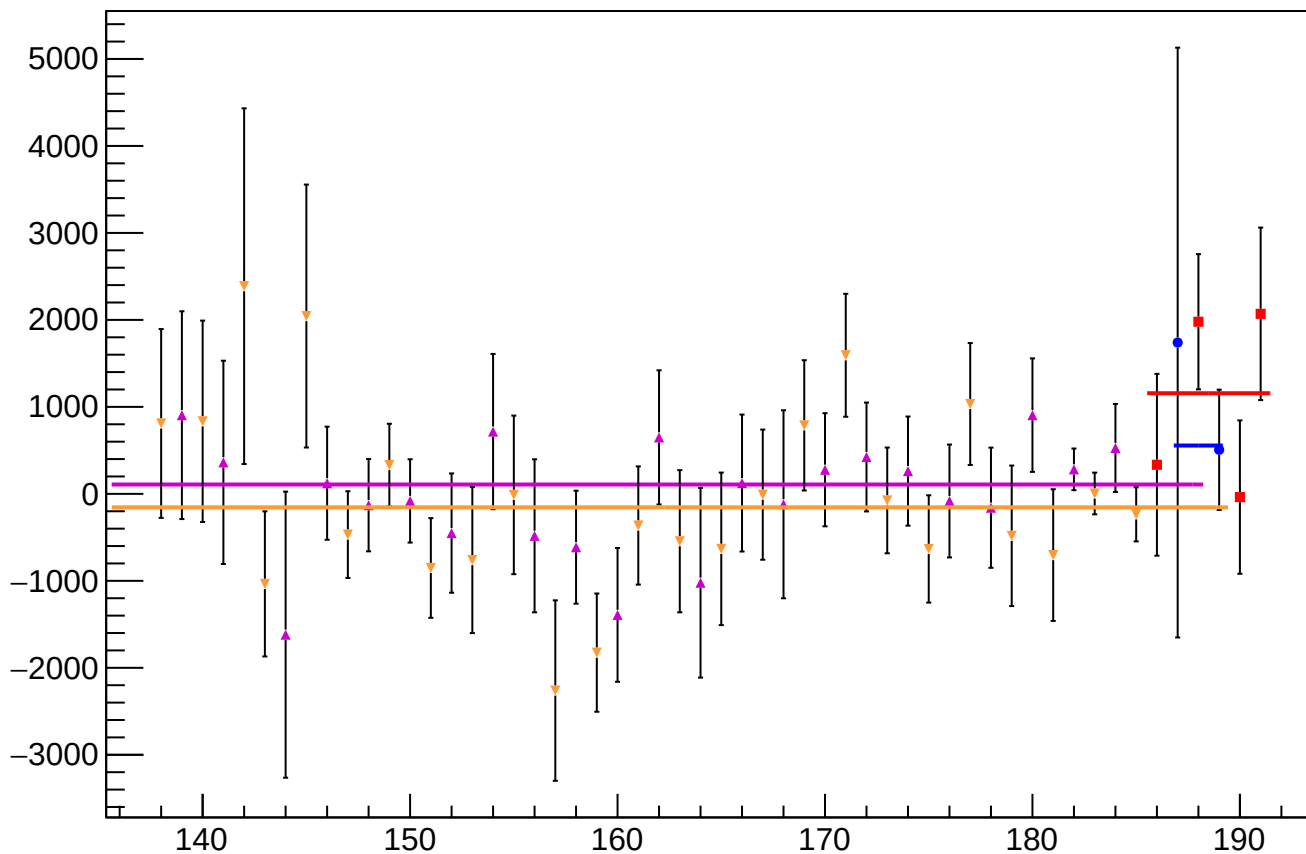
Left In: 1845.411+/-0.312 χ^2/NDF : 8318.8/22

+ sign 1885.064+/-0.266 χ^2/NDF : 999336.0/43

All: 1886.067+/-0.187 χ^2/NDF : 1767618.3/89

- sign 1887.038+/-0.262 χ^2/NDF : 768254.3/45

asym_at1_avg_correction_mean vs Slug



Right In: 555.617 ± 677.475 χ^2/NDF : 0.1/1

Left Out: -154.845 ± 119.654 χ^2/NDF : 33.0/24

Right Out: 1156.976 ± 452.957 χ^2/NDF : 4.4/3

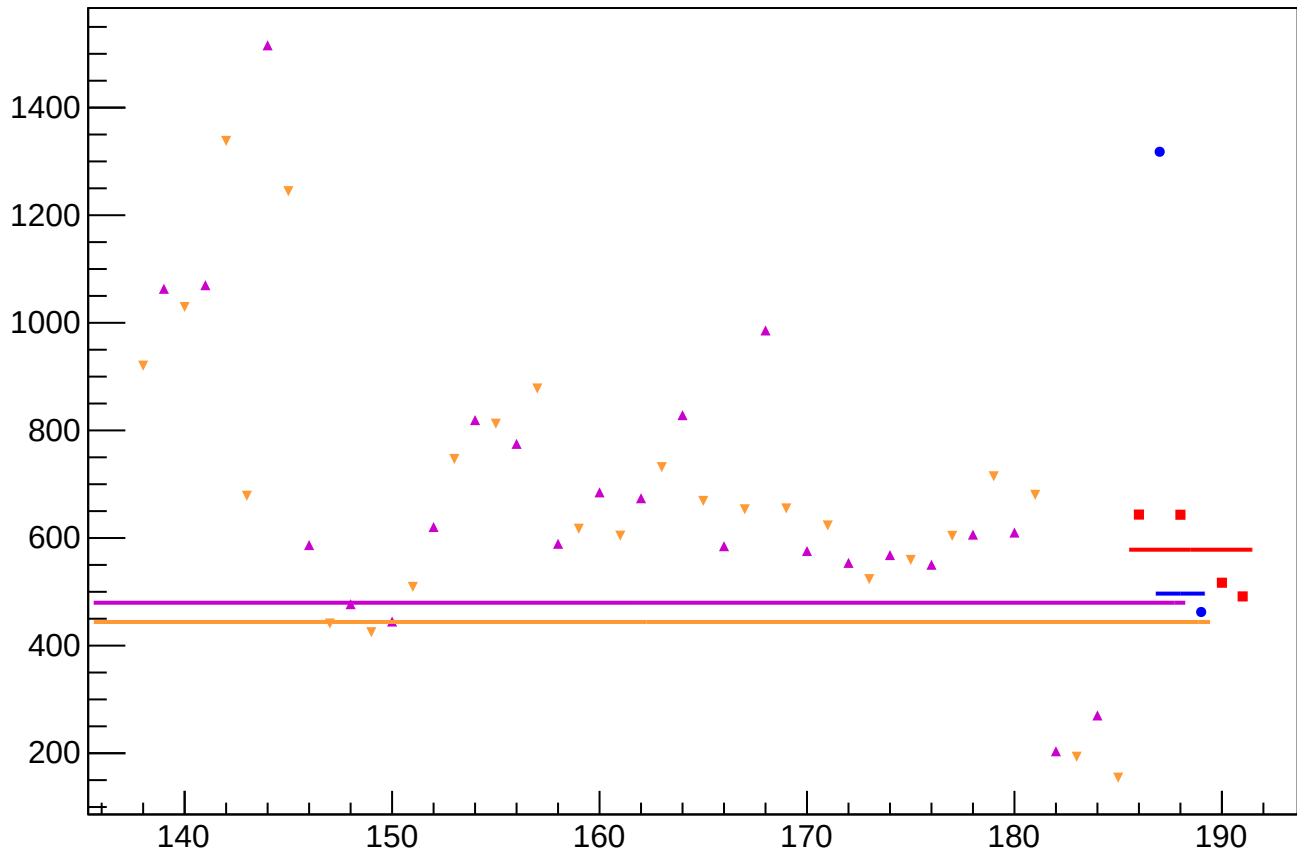
Left In: 107.387 ± 127.580 χ^2/NDF : 13.5/22

+ sign -133.354 ± 117.830 χ^2/NDF : 34.2/26

All: 19.025 ± 85.022 χ^2/NDF : 60.6/53

- sign 184.534 ± 122.802 χ^2/NDF : 22.9/26

asym_at1_avg_correction_rms vs Slug



Right In: 496.683 $\pm$ 0.479 χ^2 /NDF: 122231.2/1

Left Out: 443.961 $\pm$ 0.085 χ^2 /NDF: 8573133.3/24

Right Out: 578.301 $\pm$ 0.320 χ^2 /NDF: 46816.7/3

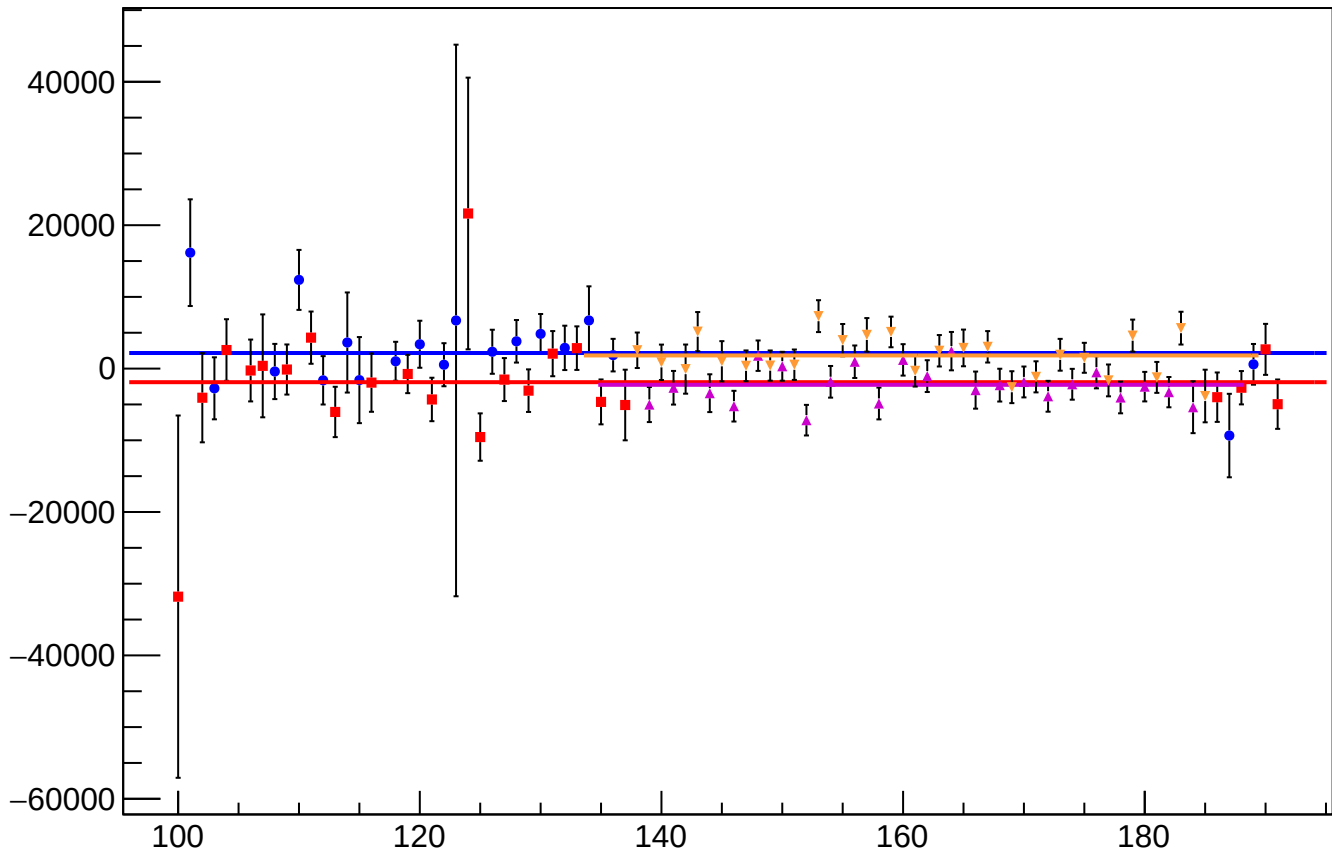
Left In: 479.723 $\pm$ 0.090 χ^2 /NDF: 6734597.7/22

+ sign 445.556 $\pm$ 0.083 χ^2 /NDF: 8707110.5/26

All: 465.407 $\pm$ 0.060 χ^2 /NDF: 15694708.9/53

- sign 486.968 $\pm$ 0.087 χ^2 /NDF: 6869179.9/26

asym_at1_avg_mean vs Slug



Right In: 2174.271 ± 811.609 χ^2/NDF : 20.0/18

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

Right Out: -1894.954 ± 744.021 χ^2/NDF : 23.5/22

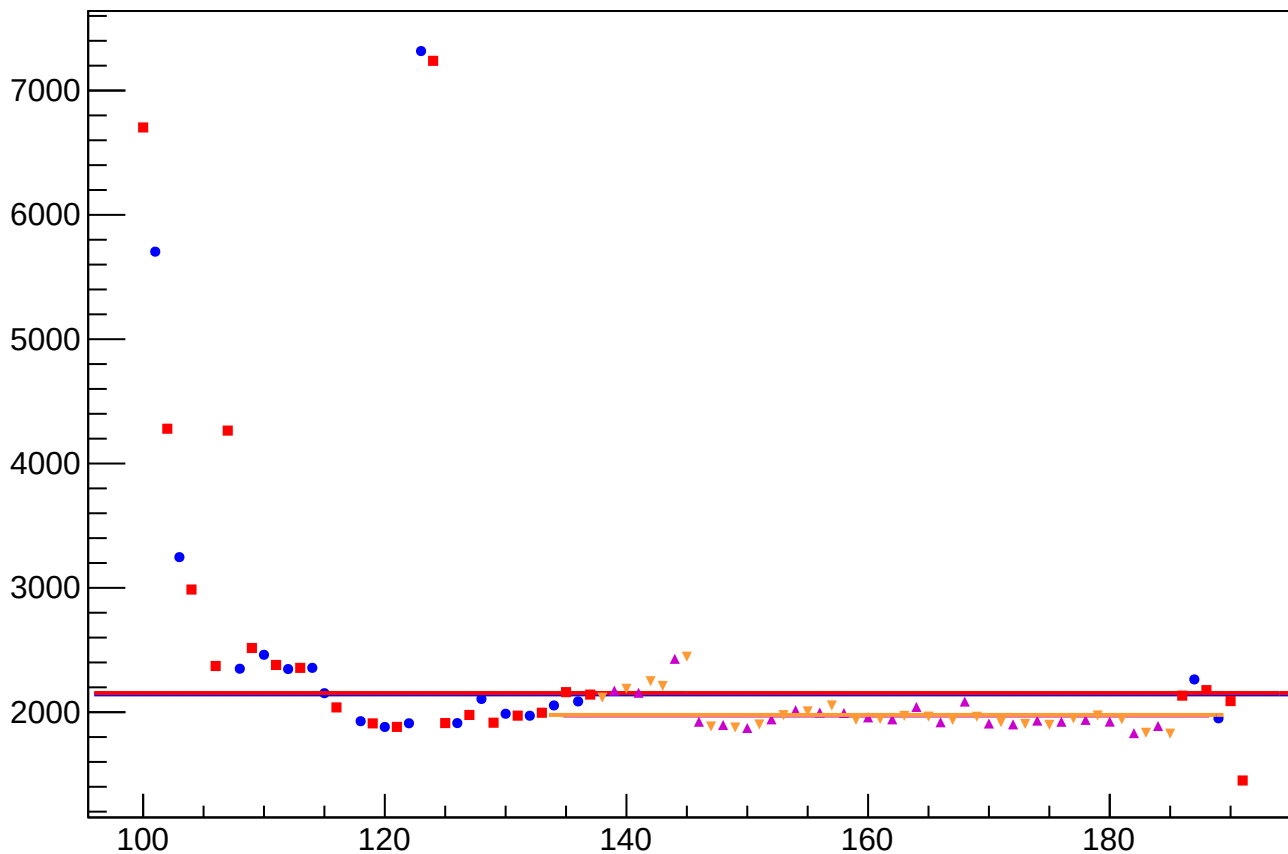
Left In: -2260.178 ± 472.324 χ^2/NDF : 26.3/22

+ sign 1918.302 ± 402.671 χ^2/NDF : 52.9/43

All: -138.368 ± 283.338 χ^2/NDF : 154.6/89

- sign -2155.270 ± 398.759 χ^2/NDF : 50.0/45

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: 2154.228 $\pm$ 0.526 χ^2 /NDF: 893101.7/22

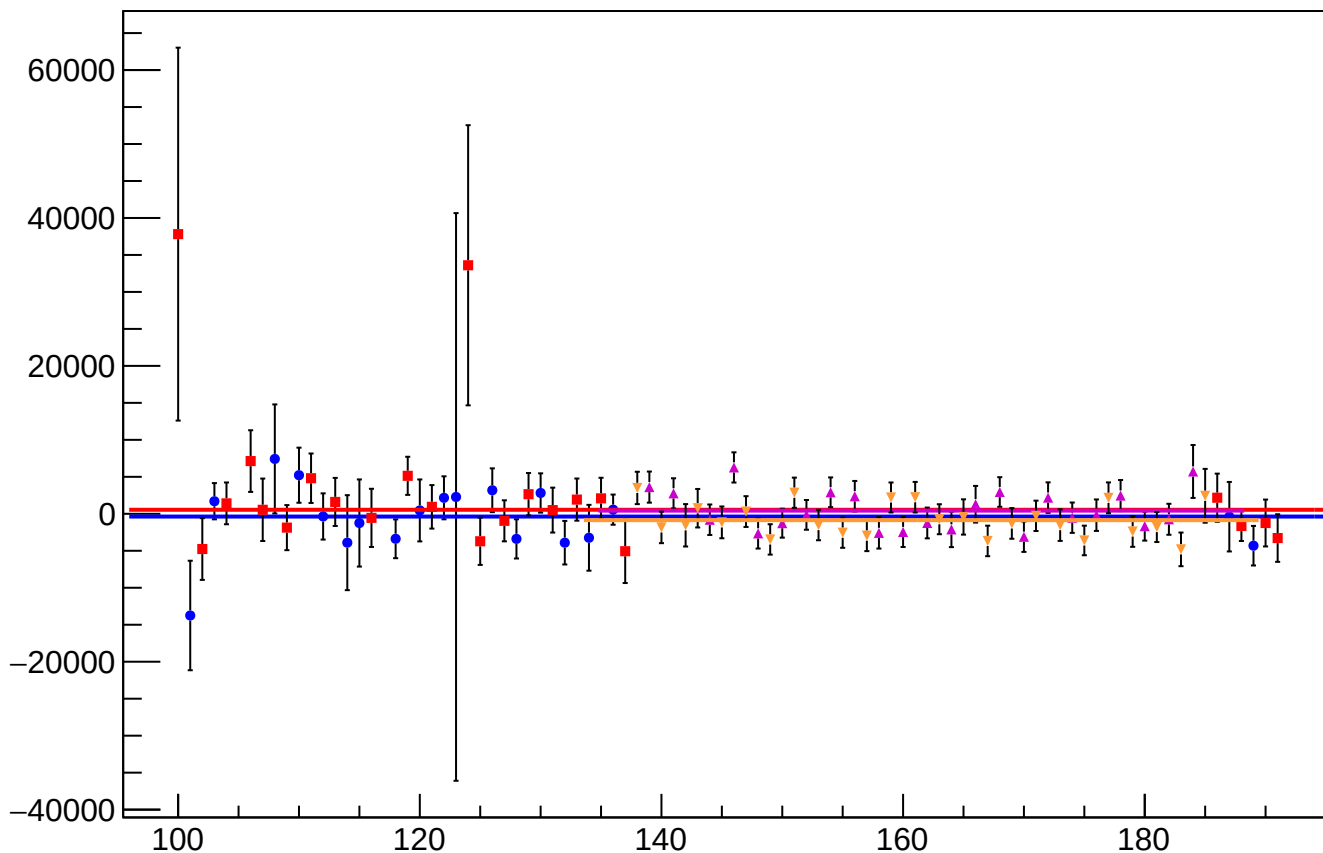
Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF: 120479.3/22

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

All: 2021.990 $\pm$ 0.200 χ^2 /NDF: 2022902.9/89

- sign 2025.211 $\pm$ 0.282 χ^2 /NDF: 1097956.6/45

dit_asym_at1_dd_mean vs Slug



Right In: -372.364 ± 757.656 χ^2/NDF : 18.2/18

Left Out: -858.637 ± 431.465 χ^2/NDF : 26.9/24

Right Out: 545.221 ± 670.865 χ^2/NDF : 23.1/22

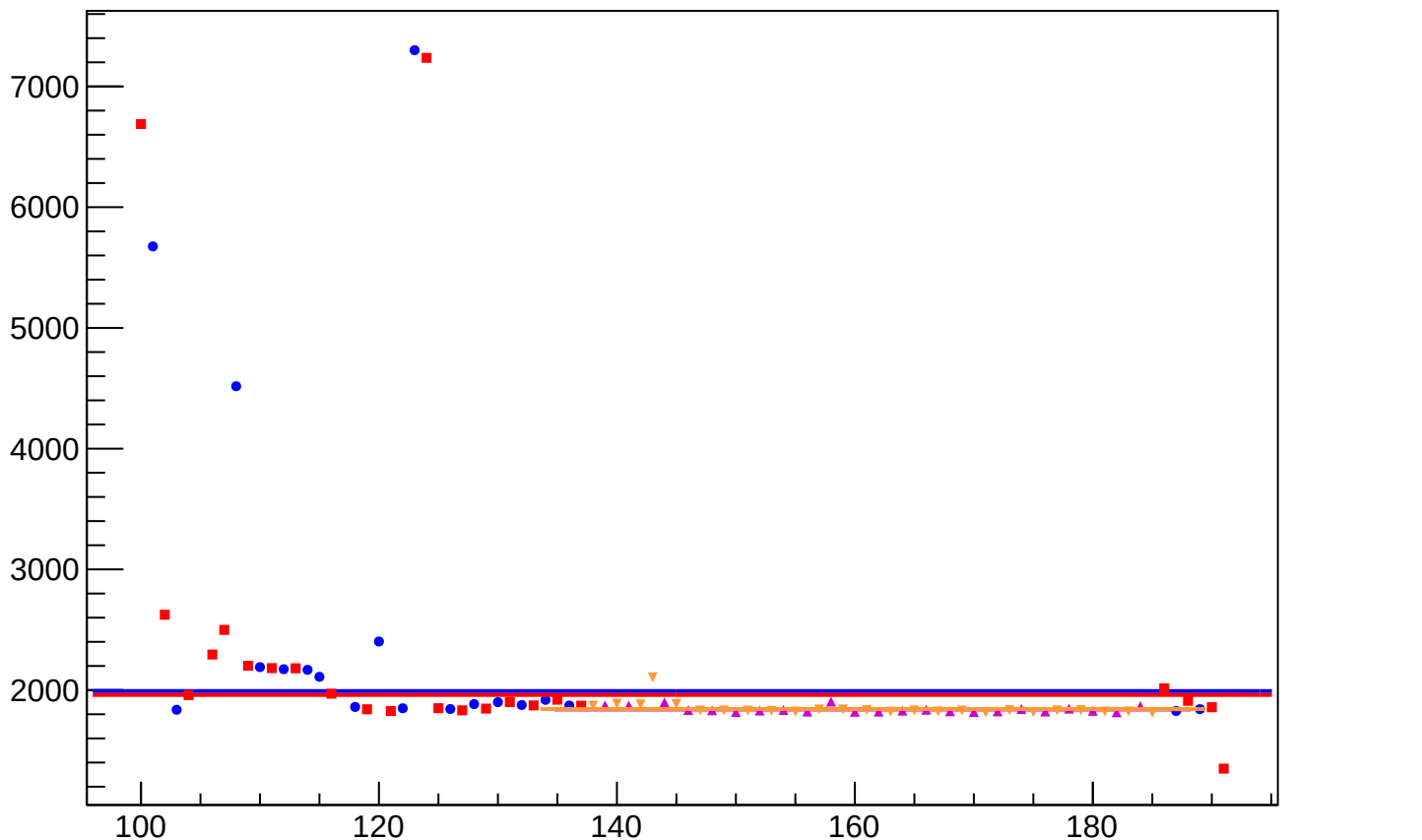
Left In: 427.682 ± 439.561 χ^2/NDF : 33.7/22

+ sign -739.557 ± 374.932 χ^2/NDF : 45.4/43

All: -126.524 ± 262.511 χ^2/NDF : 107.4/89

- sign 462.986 ± 367.669 χ^2/NDF : 56.8/45

dit_asym_at1_dd_rms vs Slug



Right In: 1992.034 ± 0.536 $\chi^2/\text{NDF}: 849515.5/18$

Left Out: 1843.534 ± 0.305 $\chi^2/\text{NDF}: 24974.2/24$

Right Out: 1960.026 ± 0.474 $\chi^2/\text{NDF}: 450063.0/22$

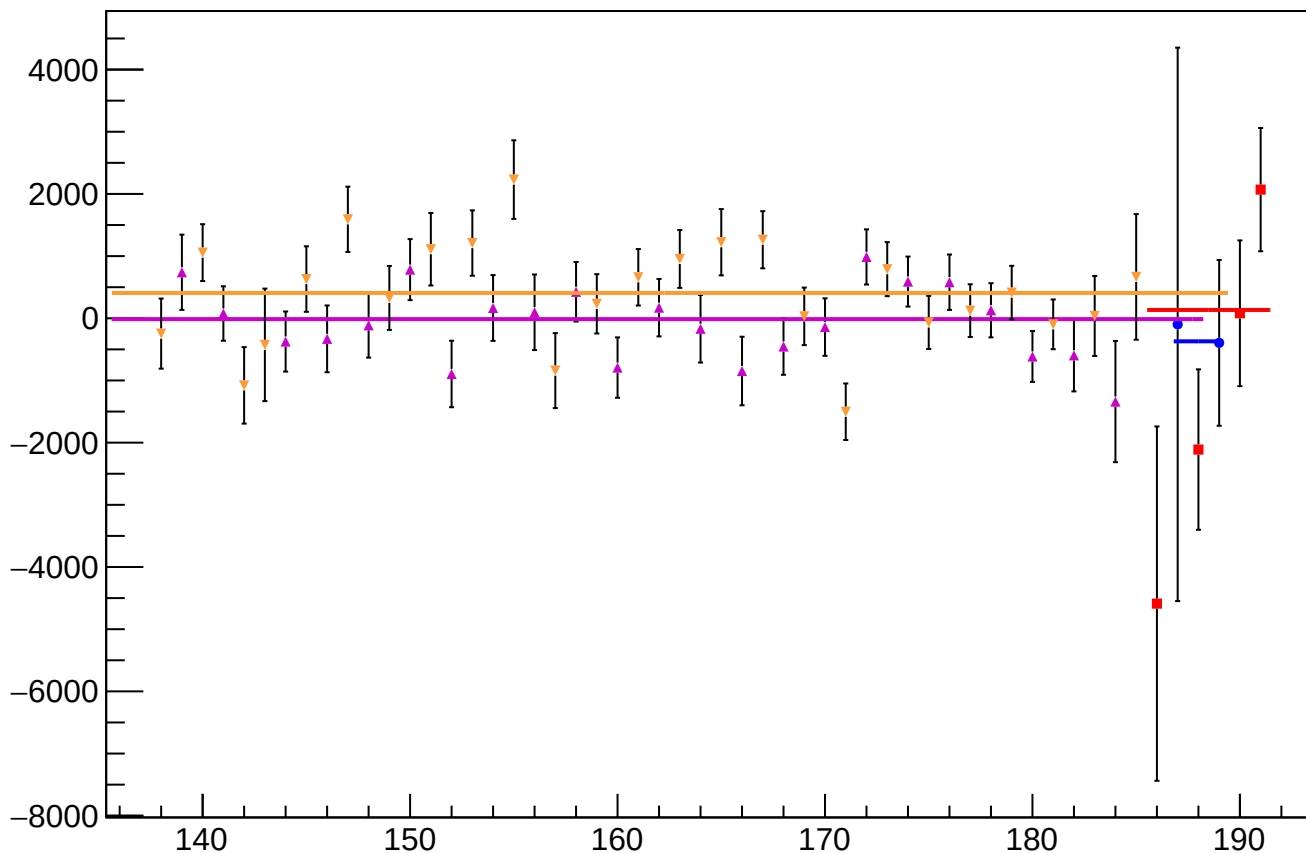
Left In: 1839.431 ± 0.311 $\chi^2/\text{NDF}: 6418.5/22$

+ sign 1879.899 ± 0.265 $\chi^2/\text{NDF}: 932506.3/43$

All: 1877.735 ± 0.186 $\chi^2/\text{NDF}: 1434334.9/89$

- sign 1875.653 ± 0.260 $\chi^2/\text{NDF}: 501697.9/45$

asym_at1_dd_correction_mean vs Slug



Right In: -370.570 ± 1276.991 χ^2/NDF : 0.0/1

Left Out: 407.320 ± 101.221 χ^2/NDF : 62.1/24

Right Out: 133.909 ± 636.291 χ^2/NDF : 9.6/3

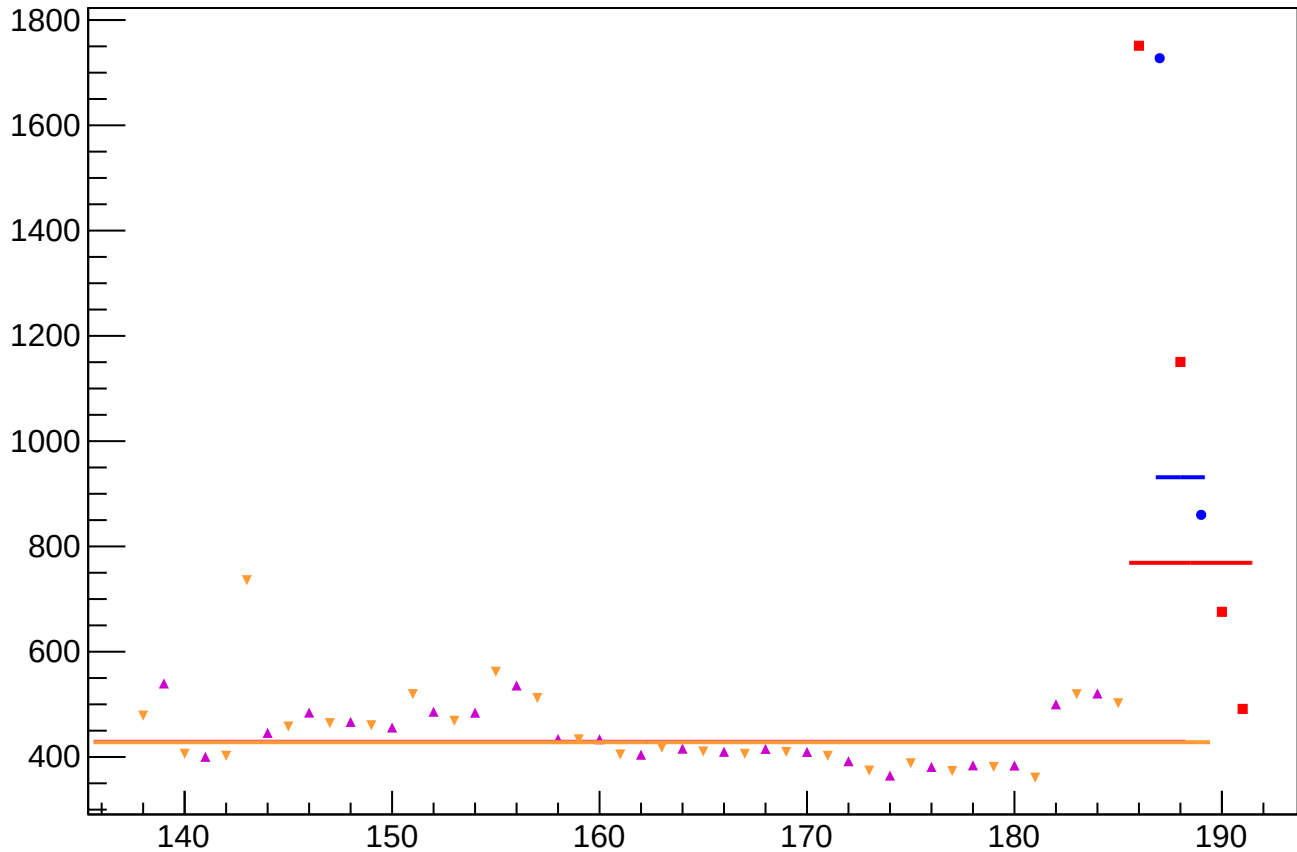
Left In: -13.395 ± 102.912 χ^2/NDF : 29.2/22

+ sign 402.463 ± 100.905 χ^2/NDF : 62.5/26

All: 197.810 ± 71.592 χ^2/NDF : 109.7/53

- sign -9.640 ± 101.592 χ^2/NDF : 38.9/26

asym_at1_dd_correction_rms vs Slug



Right In: 931.422+/-0.903 χ^2/NDF : 69750.1/1

Left Out: 428.052+/-0.072 χ^2/NDF : 704731.3/24

Right Out: 768.893+/-0.450 χ^2/NDF : 582139.3/3

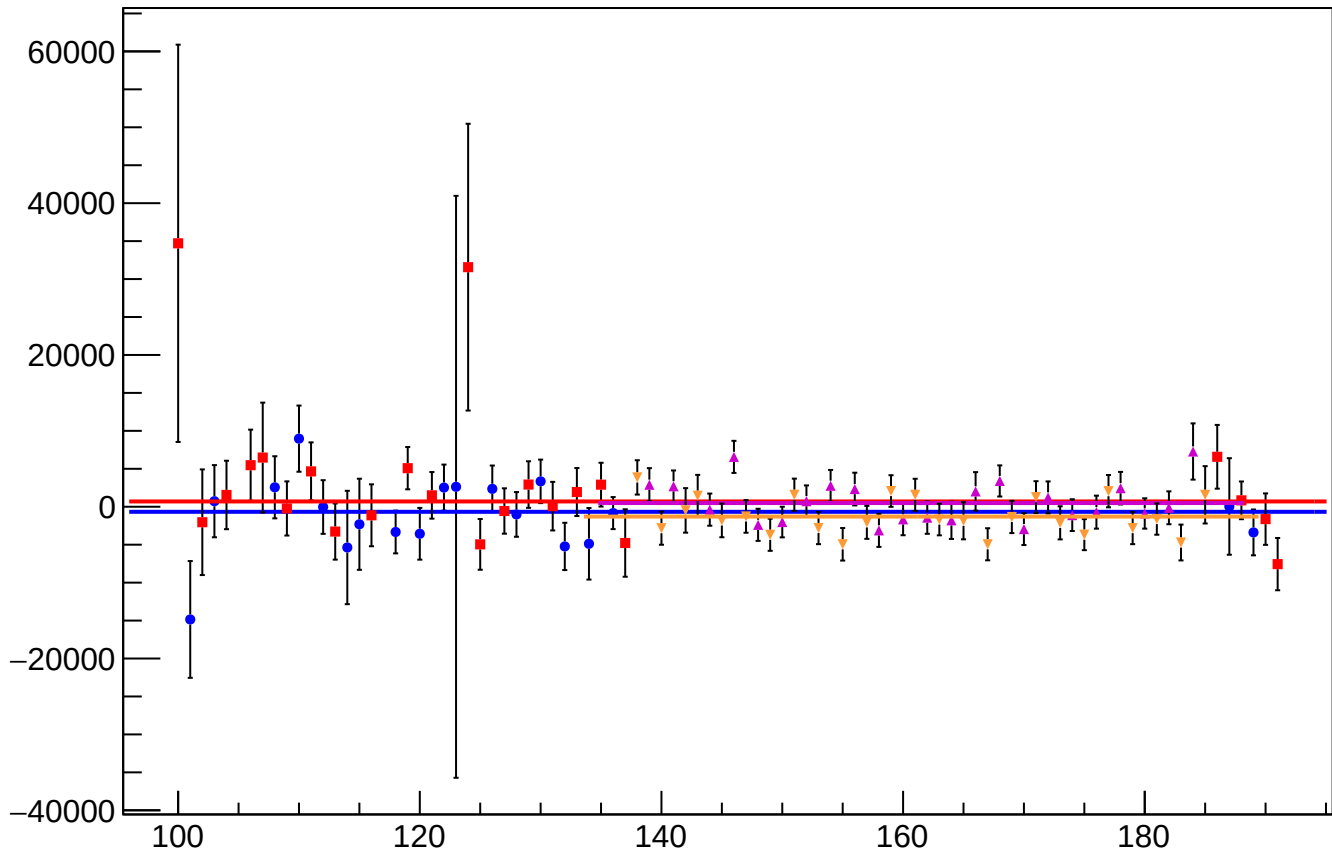
Left In: 428.926+/-0.073 χ^2/NDF : 418755.3/22

+ sign 431.195+/-0.071 χ^2/NDF : 1083303.5/26

All: 434.372+/-0.051 χ^2/NDF : 2644576.8/53

- sign 437.593+/-0.072 χ^2/NDF : 1557280.2/26

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: 697.328 ± 762.580 χ^2/NDF : 25.3/22

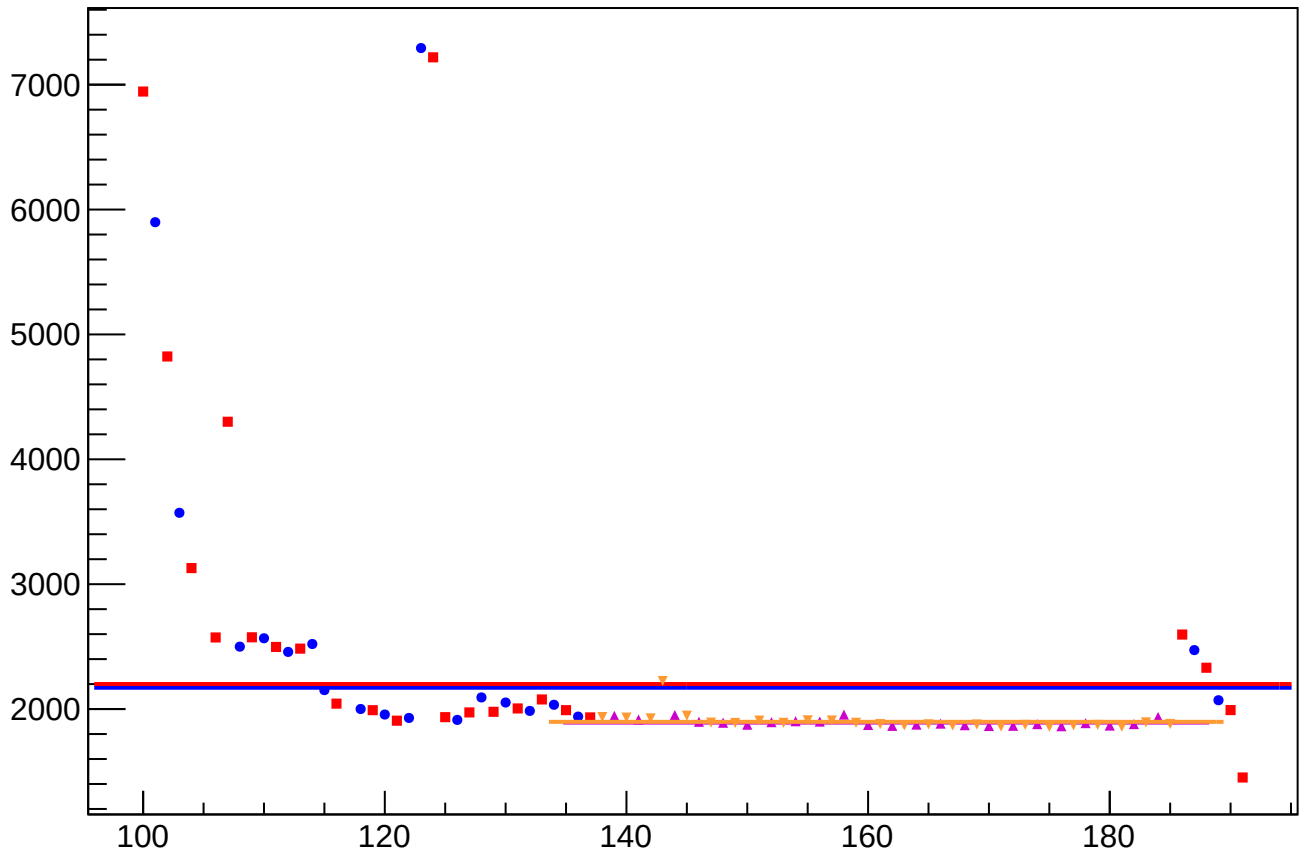
Left In: 485.827 ± 452.020 χ^2/NDF : 32.4/22

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

All: -301.544 ± 275.726 χ^2/NDF : 116.2/89

- sign 540.817 ± 388.842 χ^2/NDF : 57.8/45

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: 2200.569+/-0.539 χ^2/NDF : 1023295.9/22

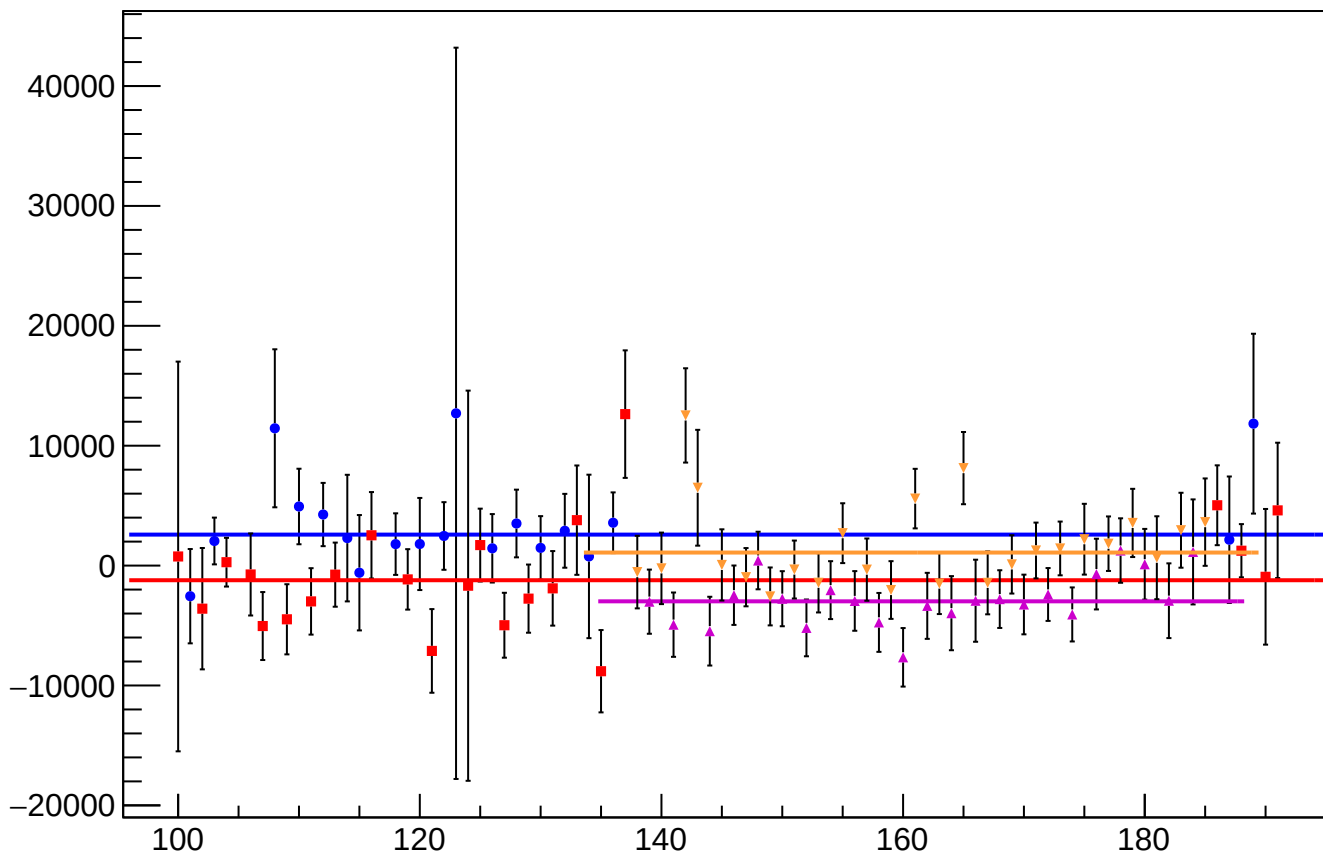
Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

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

All: 1965.600+/-0.195 χ^2/NDF : 2292066.2/89

- sign 1972.023+/-0.275 χ^2/NDF : 1273640.2/45

dit_asym_at2_avg_mean vs Slug



Right In: 2584.602 ± 756.398 χ^2/NDF : 7.4/18

Left Out: 1087.902 ± 540.984 χ^2/NDF : 29.9/24

Right Out: -1221.390 ± 674.520 χ^2/NDF : 30.1/22

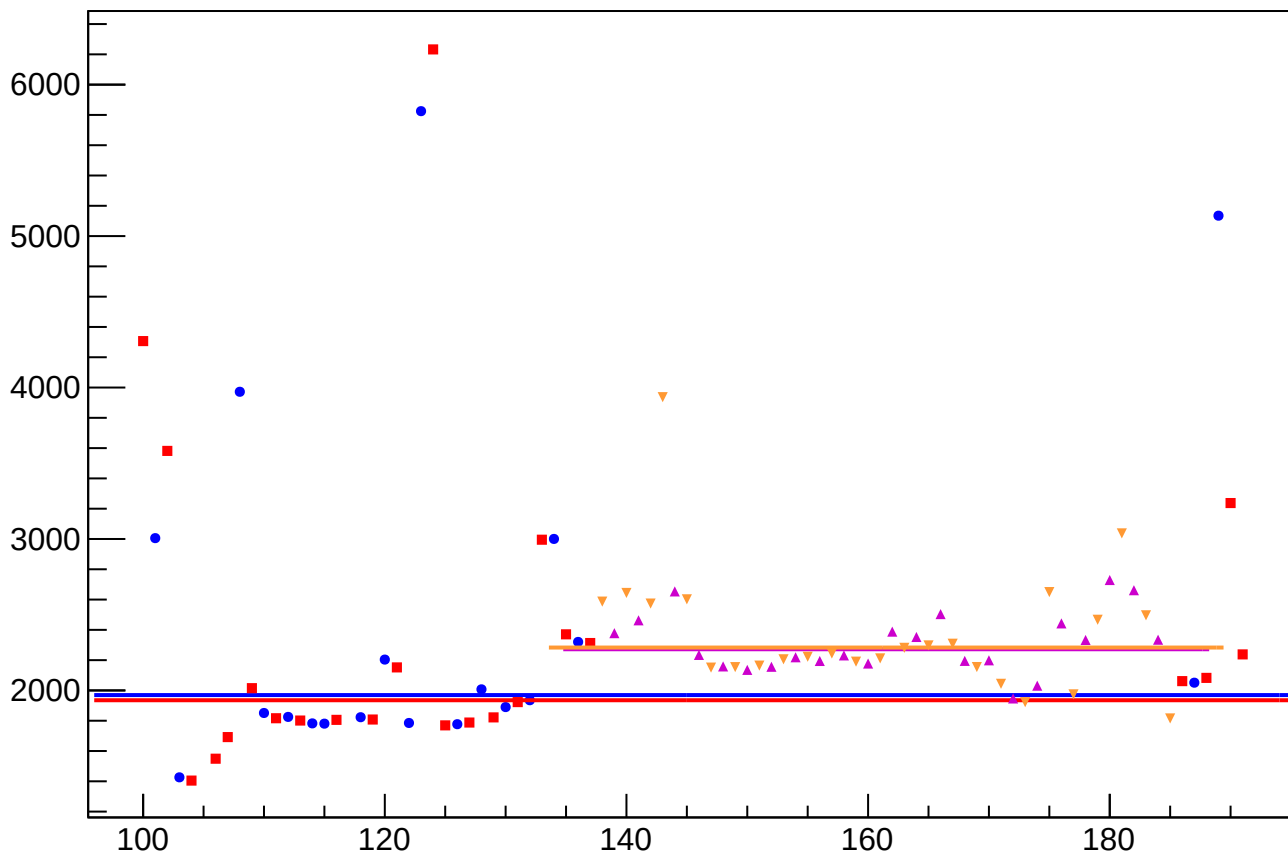
Left In: -2981.160 ± 546.107 χ^2/NDF : 14.0/22

+ sign 1594.410 ± 440.024 χ^2/NDF : 39.9/43

All: -414.895 ± 305.485 χ^2/NDF : 128.4/89

- sign -2284.380 ± 424.438 χ^2/NDF : 48.3/45

dit_asym_at2_avg_rms vs Slug



Right In: 1969.350+/-0.535 χ^2/NDF : 999723.1/18

Left Out: 2283.204+/-0.383 χ^2/NDF : 634430.6/24

Right Out: 1935.221+/-0.477 χ^2/NDF : 884572.2/22

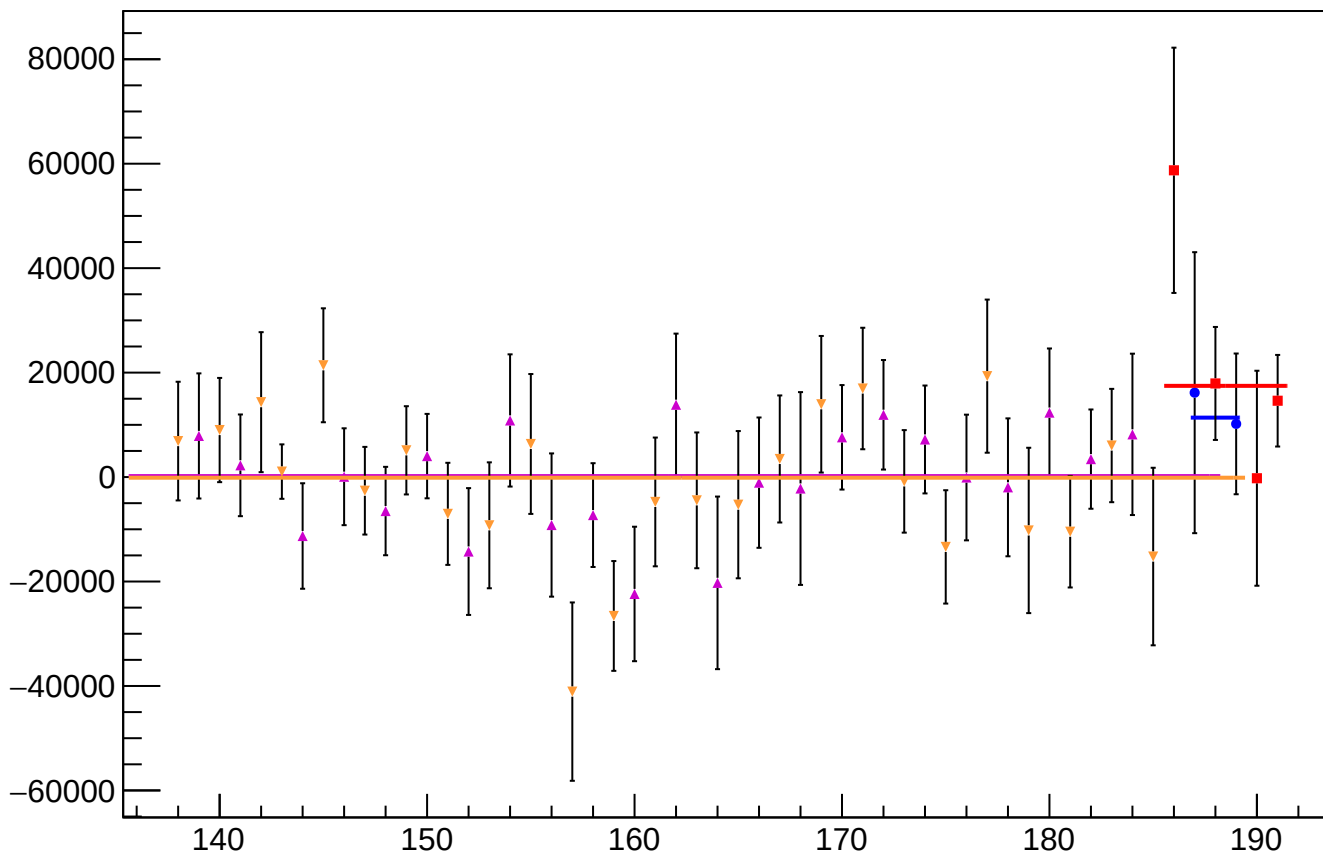
Left In: 2271.946+/-0.386 χ^2/NDF : 243546.3/22

+ sign 2176.991+/-0.311 χ^2/NDF : 1861962.9/43

All: 2157.100+/-0.216 χ^2/NDF : 3299093.2/89

- sign 2138.595+/-0.300 χ^2/NDF : 1429241.5/45

asym_at2_avg_correction_mean vs Slug



Right In: 11380.627 $\pm$ 12047.133 χ^2 /NDF: 0.0/1

Left Out: -124.370 $\pm$ 2141.976 χ^2 /NDF:29.7/24

Right Out: 17464.488 $\pm$ 6235.053 χ^2 /NDF: 3.9/3

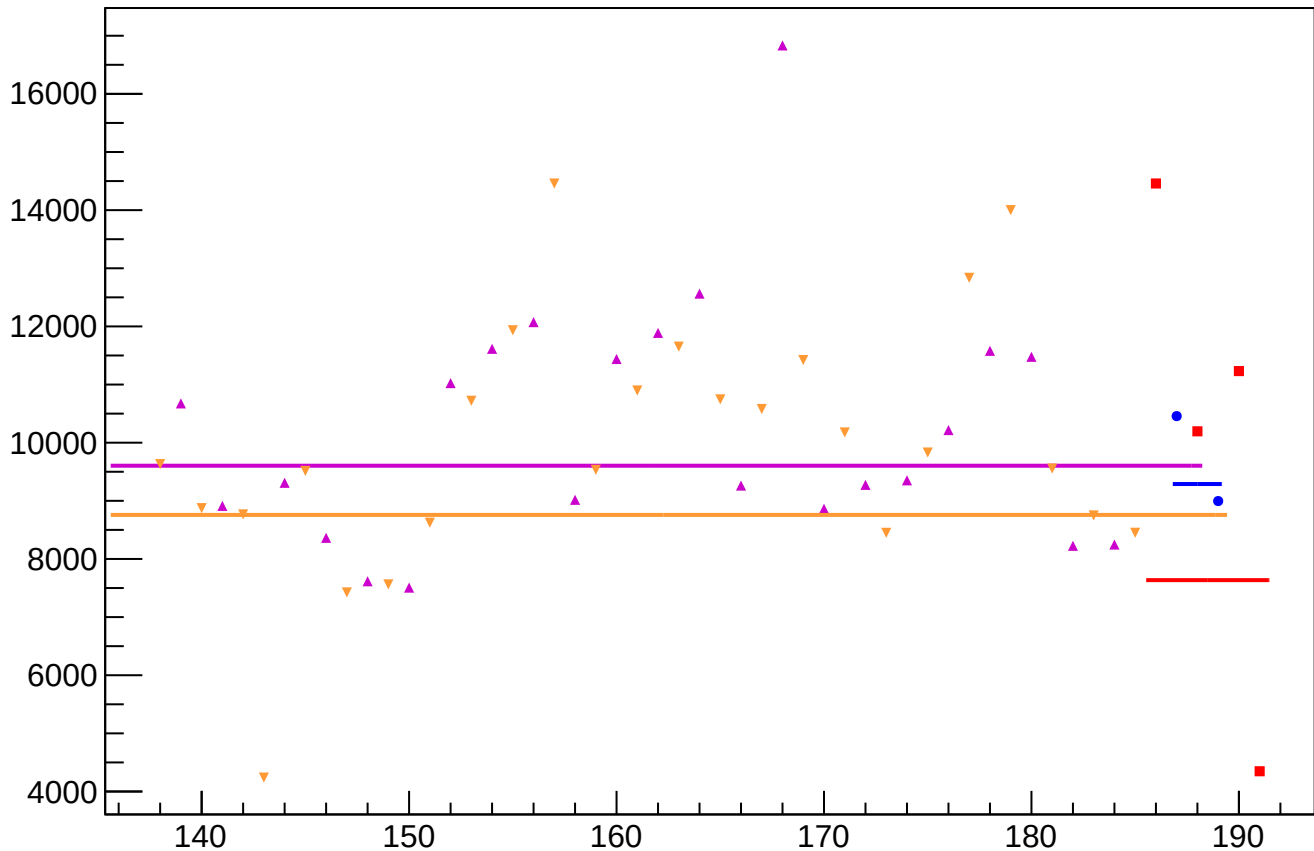
Left In: 185.013 $\pm$ 2330.398 χ^2 /NDF:15.0/22

+ sign 228.189 $\pm$ 2108.901 χ^2 /NDF: 30.6/26

All: 1229.823 $\pm$ 1516.708 χ^2 /NDF: 56.8/53

- sign 2302.993 $\pm$ 2182.910 χ^2 /NDF: 25.7/26

asym_at2_avg_correction_rms vs Slug



Right In: 9288.963 ± 8.519 χ^2/NDF : 4718.2/1

Left Out: 8757.819 ± 1.515 χ^2/NDF : 2779104.9/24

Right Out: 7635.681 ± 4.409 χ^2/NDF : 622956.3/3

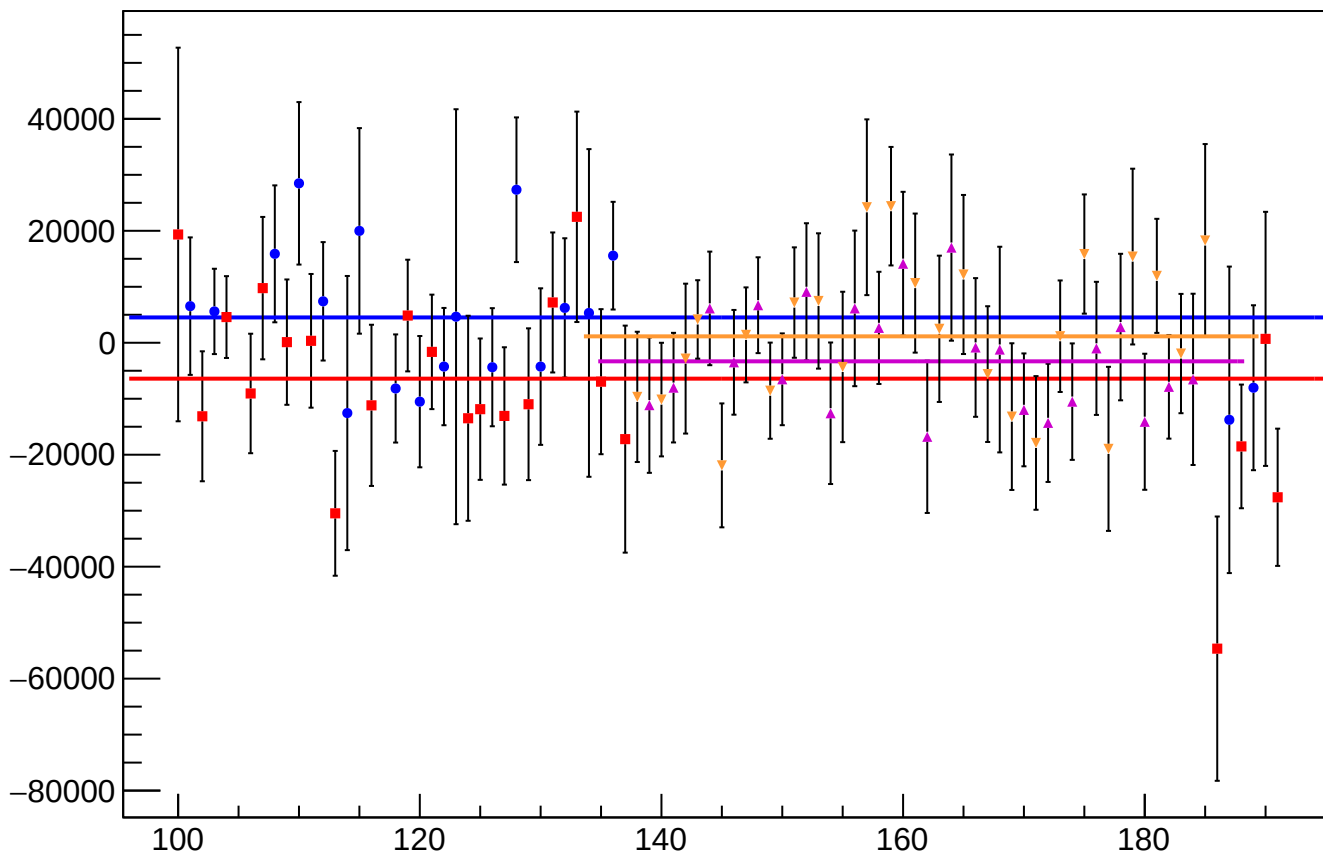
Left In: 9604.027 ± 1.648 χ^2/NDF : 1095805.7/22

+ sign 8774.095 ± 1.491 χ^2/NDF : 2787591.7/26

All: 9058.281 ± 1.072 χ^2/NDF : 4756473.2/53

- sign 9362.763 ± 1.544 χ^2/NDF : 1893651.6/26

asym_at2_avg_mean vs Slug



Right In: 4524.421+/-2873.003 χ^2/NDF : 15.7/18

Left Out: 1145.185+/-2232.341 χ^2/NDF : 27.9/24

Right Out: -6412.583+/-2608.098 χ^2/NDF : 24.8/22

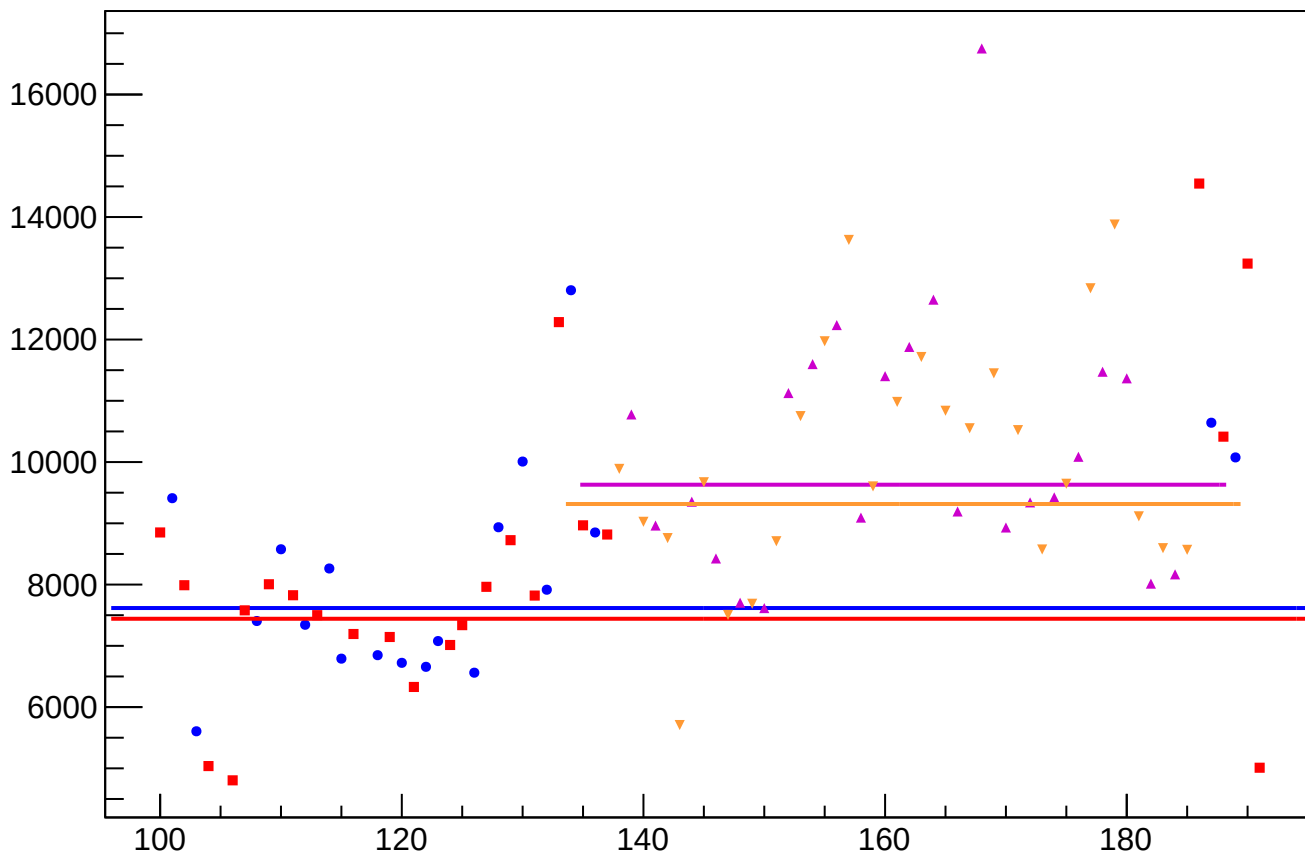
Left In: -3316.960+/-2336.196 χ^2/NDF : 13.4/22

+ sign 2417.322+/-1762.763 χ^2/NDF : 44.4/43

All: -1184.761+/-1238.391 χ^2/NDF : 91.7/89

- sign -4695.047+/-1740.156 χ^2/NDF : 39.1/45

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: 7441.984+/-1.844 χ^2/NDF : 1110085.7/22

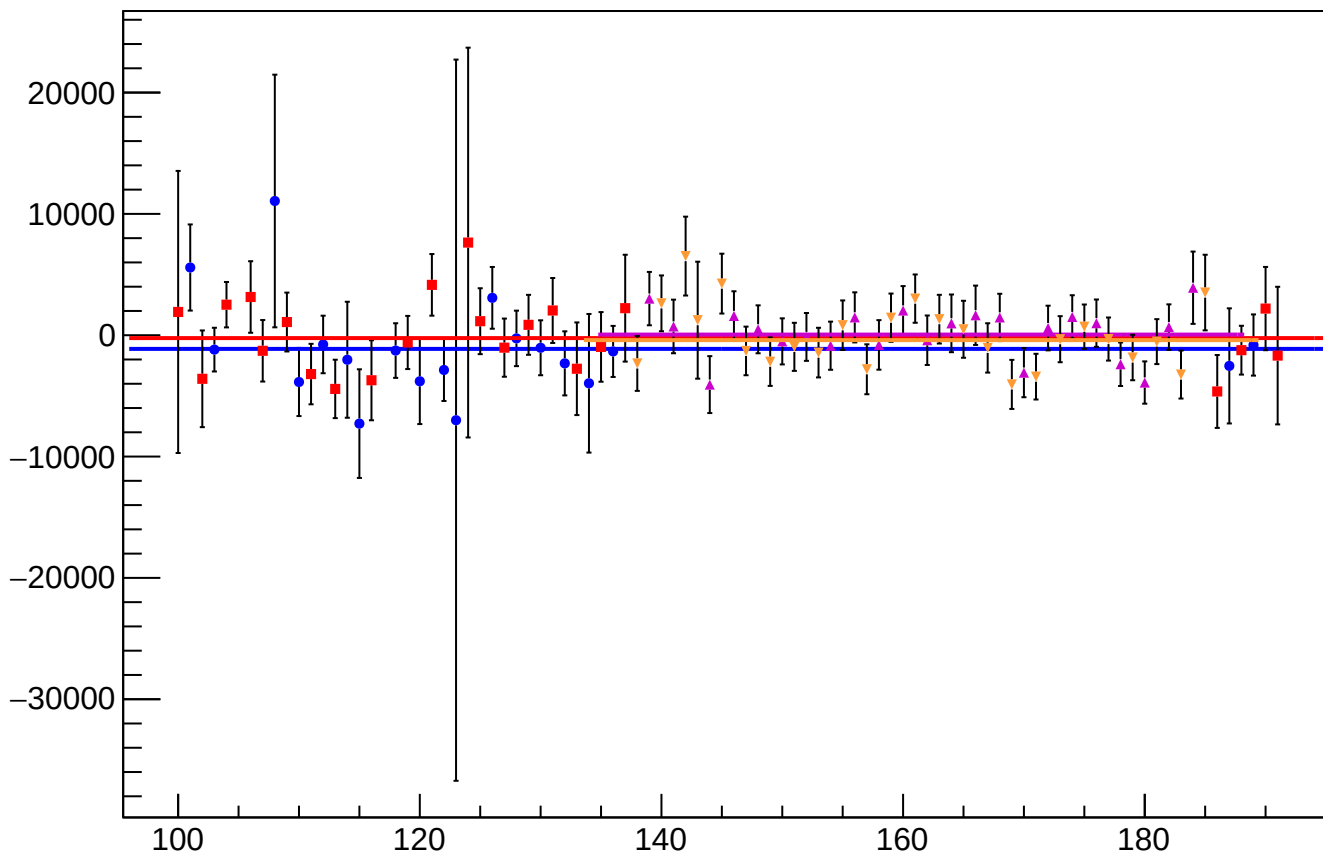
Left In: 9630.345+/-1.652 χ^2/NDF :1074643.5/22

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

All: 8665.912+/-0.876 χ^2/NDF : 5421486.0/89

- sign 8656.023+/-1.230 χ^2/NDF : 2966056.5/45

dit_asym_at2_dd_mean vs Slug



Right In: -1126.054 ± 649.616 χ^2/NDF : 12.4/18

Left Out: -403.389 ± 419.243 χ^2/NDF : 28.9/24

Right Out: -236.618 ± 585.398 χ^2/NDF : 18.6/22

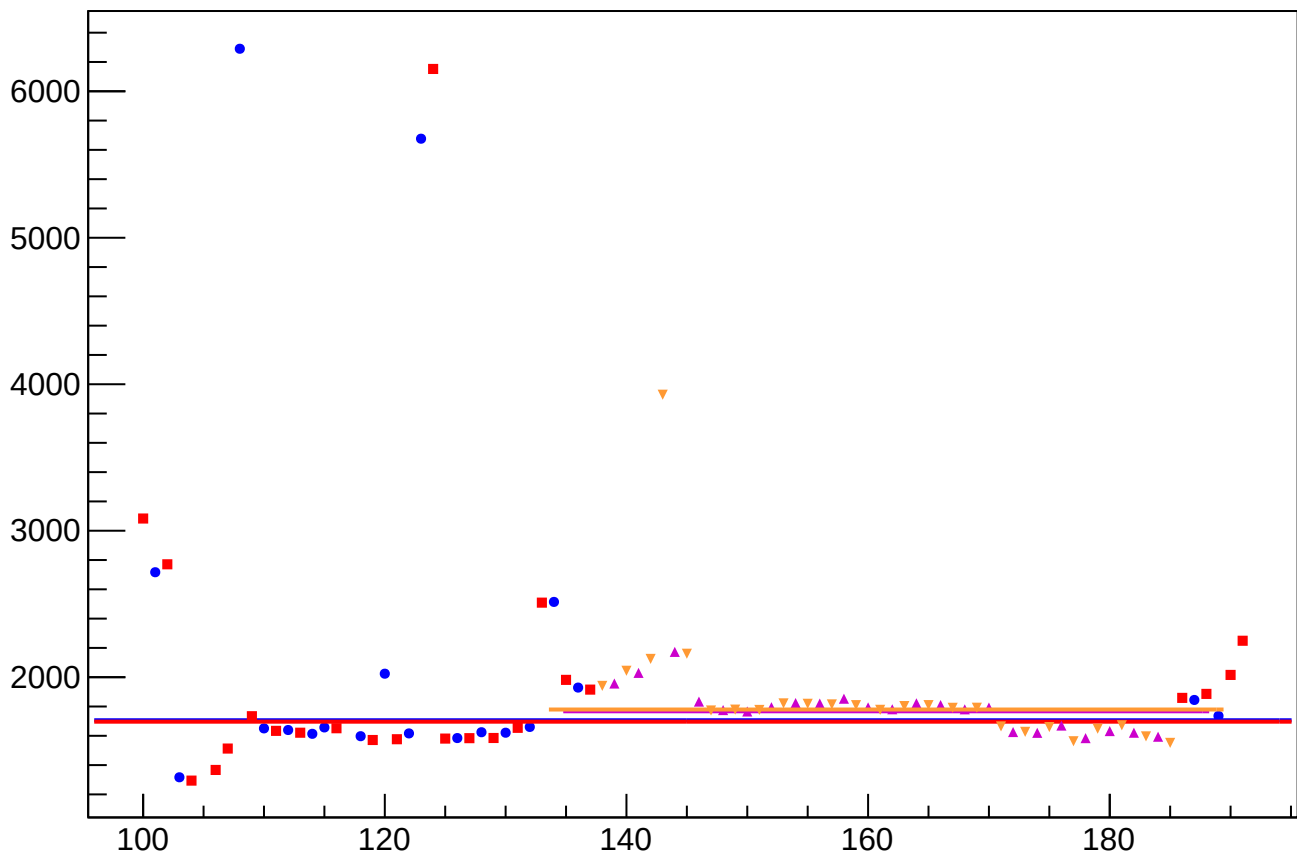
Left In: 53.539 ± 422.570 χ^2/NDF : 20.9/22

+ sign -615.879 ± 352.255 χ^2/NDF : 42.2/43

All: -322.974 ± 245.608 χ^2/NDF : 83.1/89

- sign -45.859 ± 342.629 χ^2/NDF : 39.6/45

dit_asym_at2_dd_rms vs Slug



Right In: 1706.254+/-0.459 χ^2/NDF : 780802.4/18

Left Out: 1779.434+/-0.296 χ^2/NDF : 610925.0/24

Right Out: 1696.420+/-0.414 χ^2/NDF : 658538.0/22

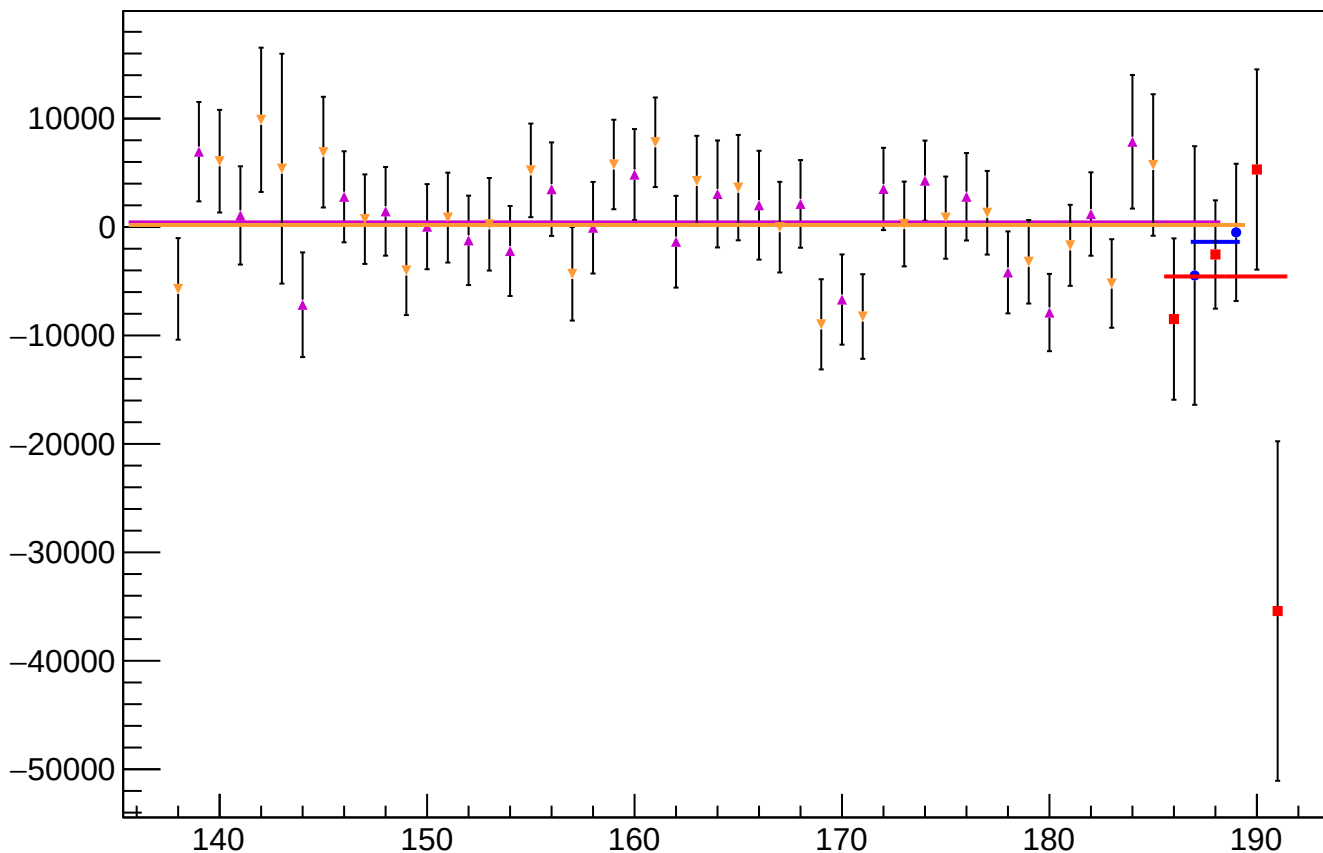
Left In: 1767.314+/-0.299 χ^2/NDF : 196583.8/22

+ sign 1757.917+/-0.249 χ^2/NDF : 1409645.1/43

All: 1750.266+/-0.174 χ^2/NDF : 2285886.8/89

- sign 1743.028+/-0.242 χ^2/NDF : 874405.7/45

asym_at2_dd_correction_mean vs Slug



Right In: -1366.419 ± 5587.880 χ^2/NDF : 0.1/1

Left Out: 191.104 ± 869.912 χ^2/NDF : 30.6/24

Right Out: -4558.405 ± 3676.808 χ^2/NDF : 5.5/3

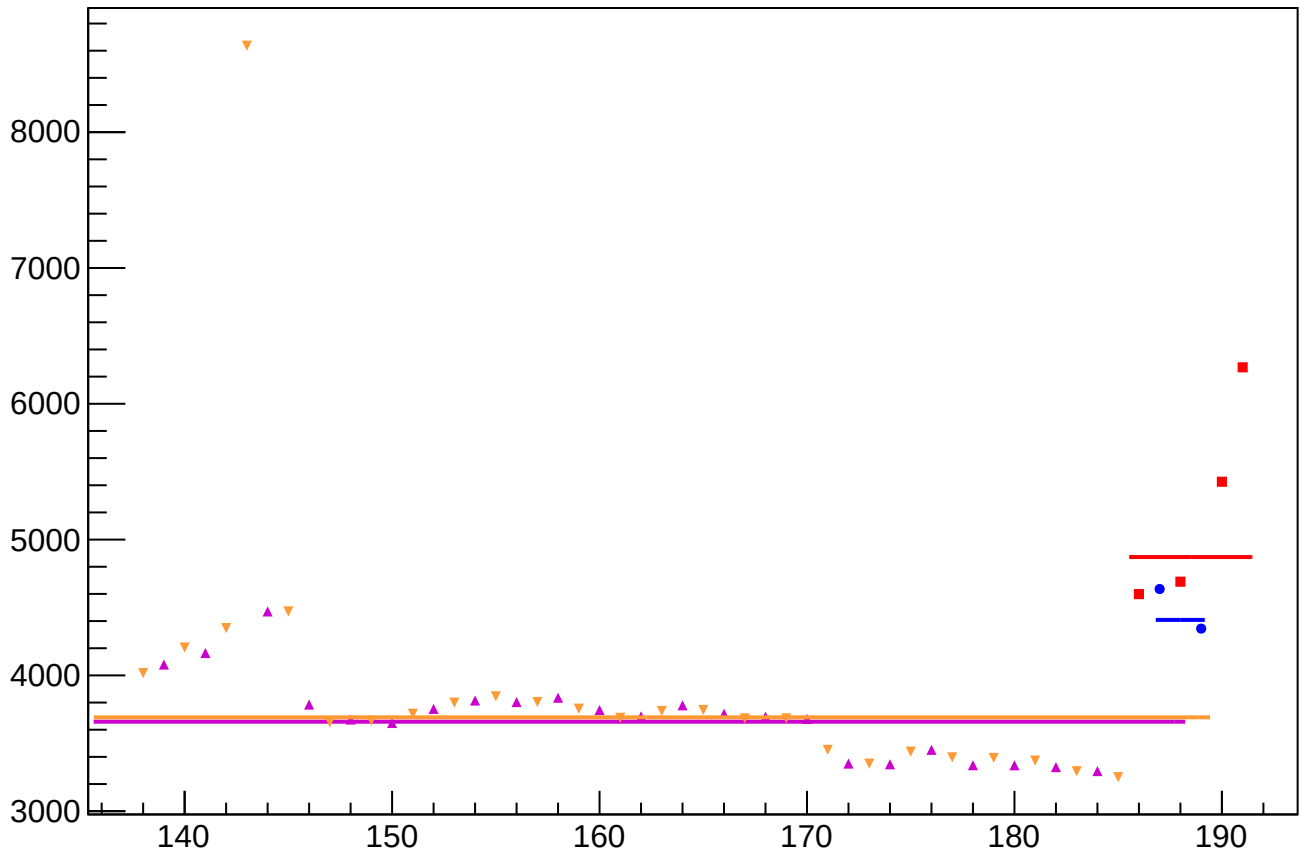
Left In: 426.004 ± 874.870 χ^2/NDF : 21.3/22

+ sign 154.250 ± 859.558 χ^2/NDF : 30.8/26

All: 156.610 ± 604.790 χ^2/NDF : 59.2/53

- sign 158.924 ± 851.109 χ^2/NDF : 28.5/26

asym_at2_dd_correction_rms vs Slug



Right In: 4408.615 ± 3.951 $\chi^2/\text{NDF}: 932.8/1$

Left Out: 3691.174 ± 0.615 $\chi^2/\text{NDF}: 639471.7/24$

Right Out: 4871.521 ± 2.600 $\chi^2/\text{NDF}: 28483.9/3$

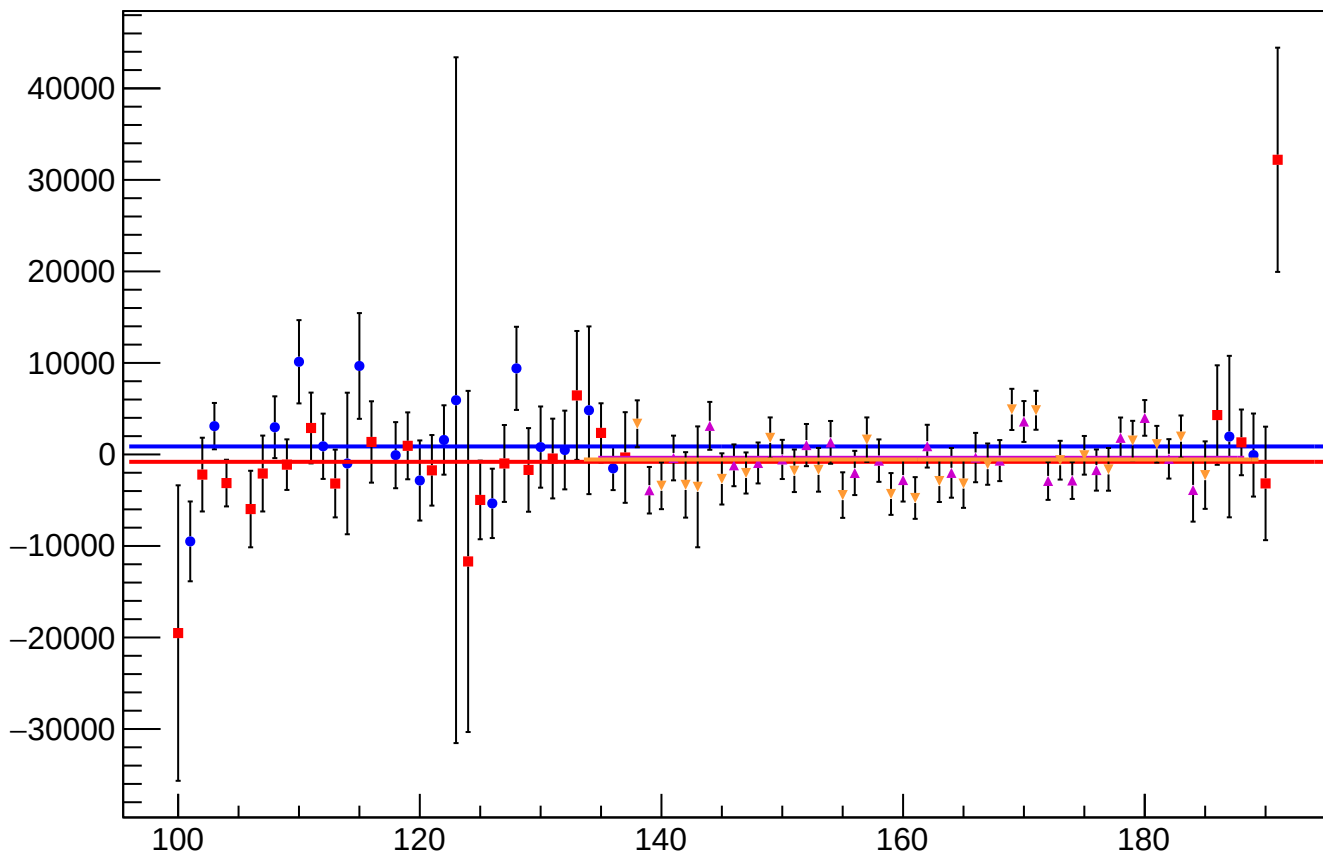
Left In: 3659.086 ± 0.619 $\chi^2/\text{NDF}: 198077.1/22$

+ sign 3708.150 ± 0.608 $\chi^2/\text{NDF}: 672593.6/26$

All: 3716.181 ± 0.428 $\chi^2/\text{NDF}: 1105326.7/53$

- sign 3724.054 ± 0.602 $\chi^2/\text{NDF}: 432387.4/26$

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: -806.211 ± 872.774 χ^2/NDF : 17.8/22

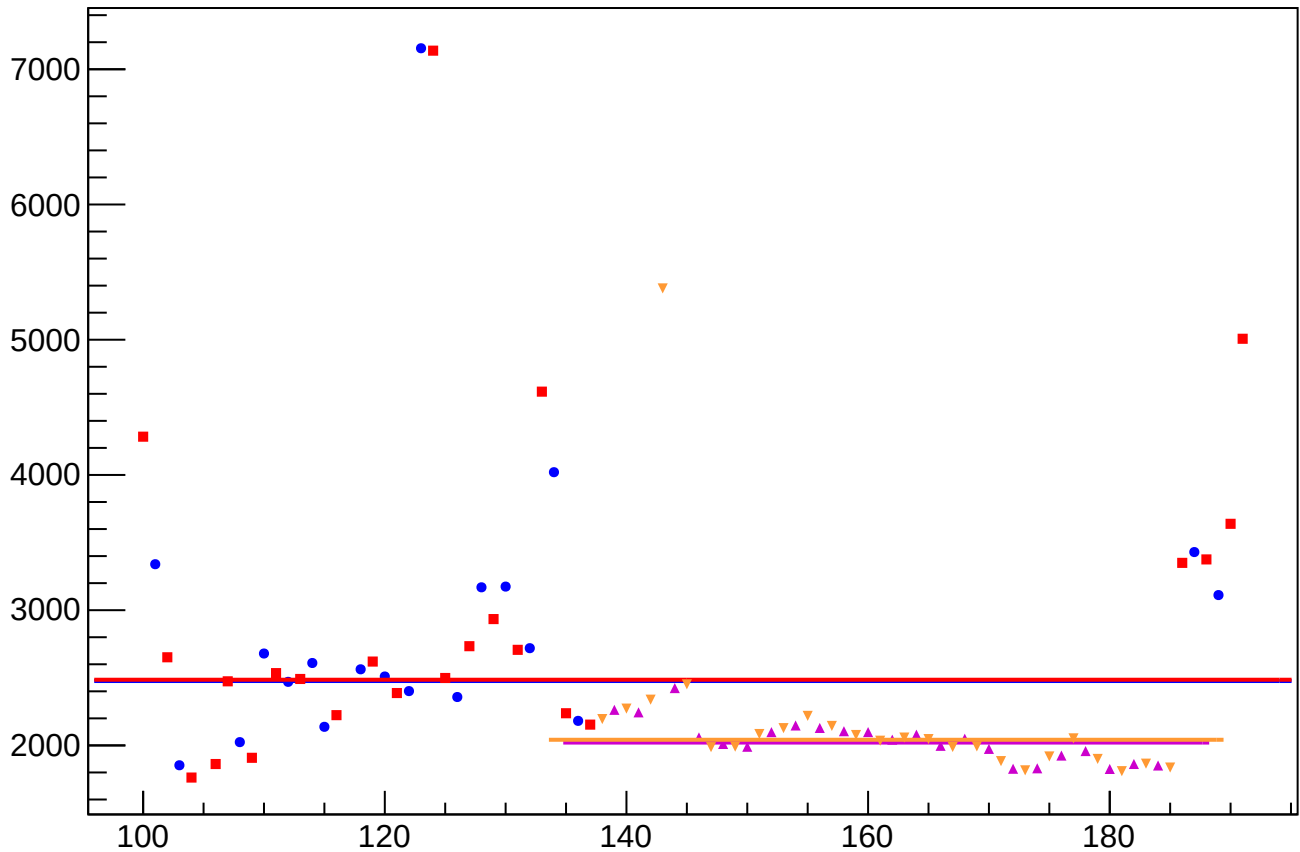
Left In: -366.243 ± 483.092 χ^2/NDF : 20.5/22

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

All: -362.574 ± 300.817 χ^2/NDF : 96.1/89

- sign -469.426 ± 422.665 χ^2/NDF : 38.5/45

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: 2485.710+/-0.617 χ^2/NDF : 1019181.9/22

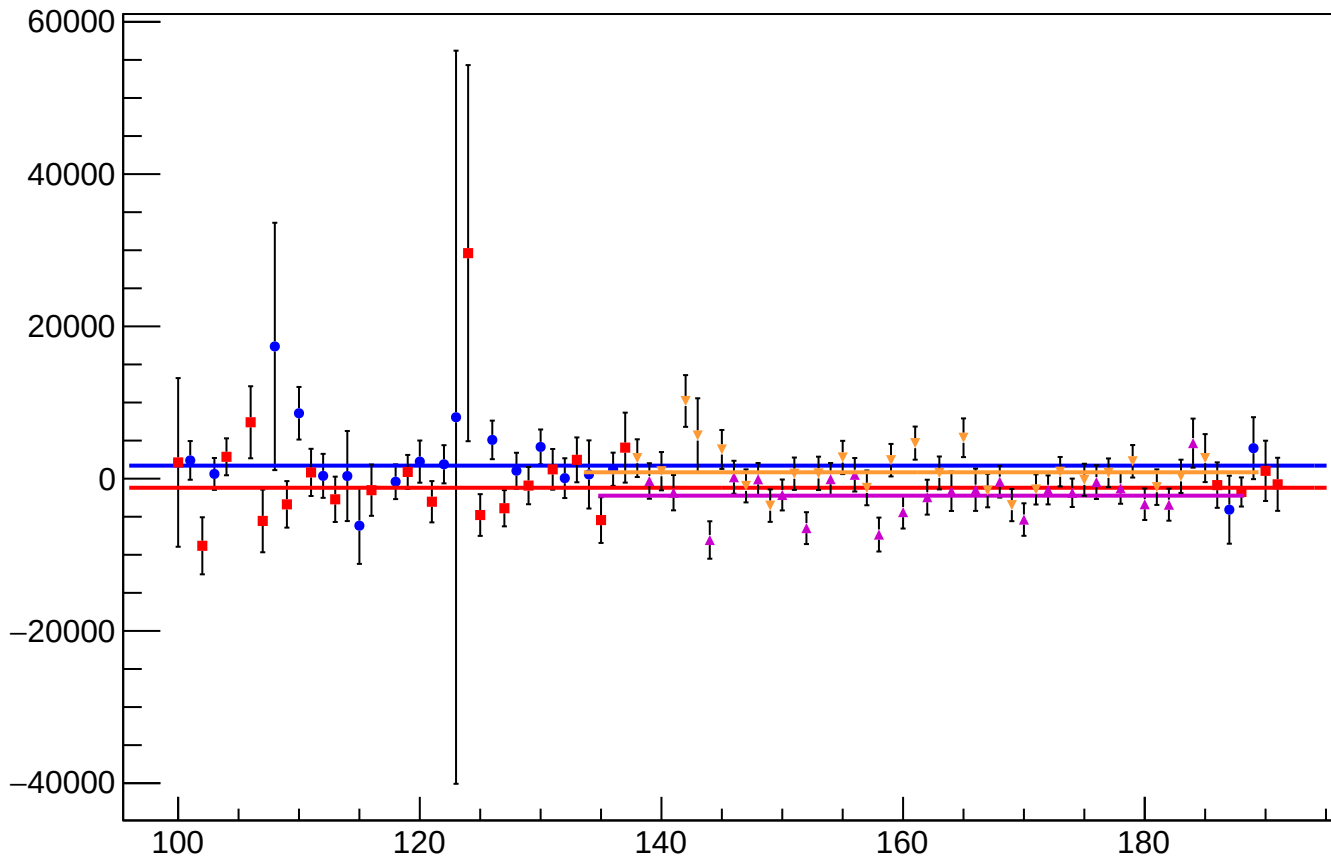
Left In: 2021.065+/-0.342 χ^2/NDF : 178726.2/22

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

All: 2131.382+/-0.213 χ^2/NDF : 3214068.5/89

- sign 2130.036+/-0.299 χ^2/NDF : 1631821.7/45

dit_asym_atl_avg_mean vs Slug



Right In: 1710.320+/-676.607 χ^2/NDF : 14.4/18

Left Out: 837.426+/-454.502 χ^2/NDF : 32.3/24

Right Out: -1195.495+/-629.264 χ^2/NDF : 24.7/22

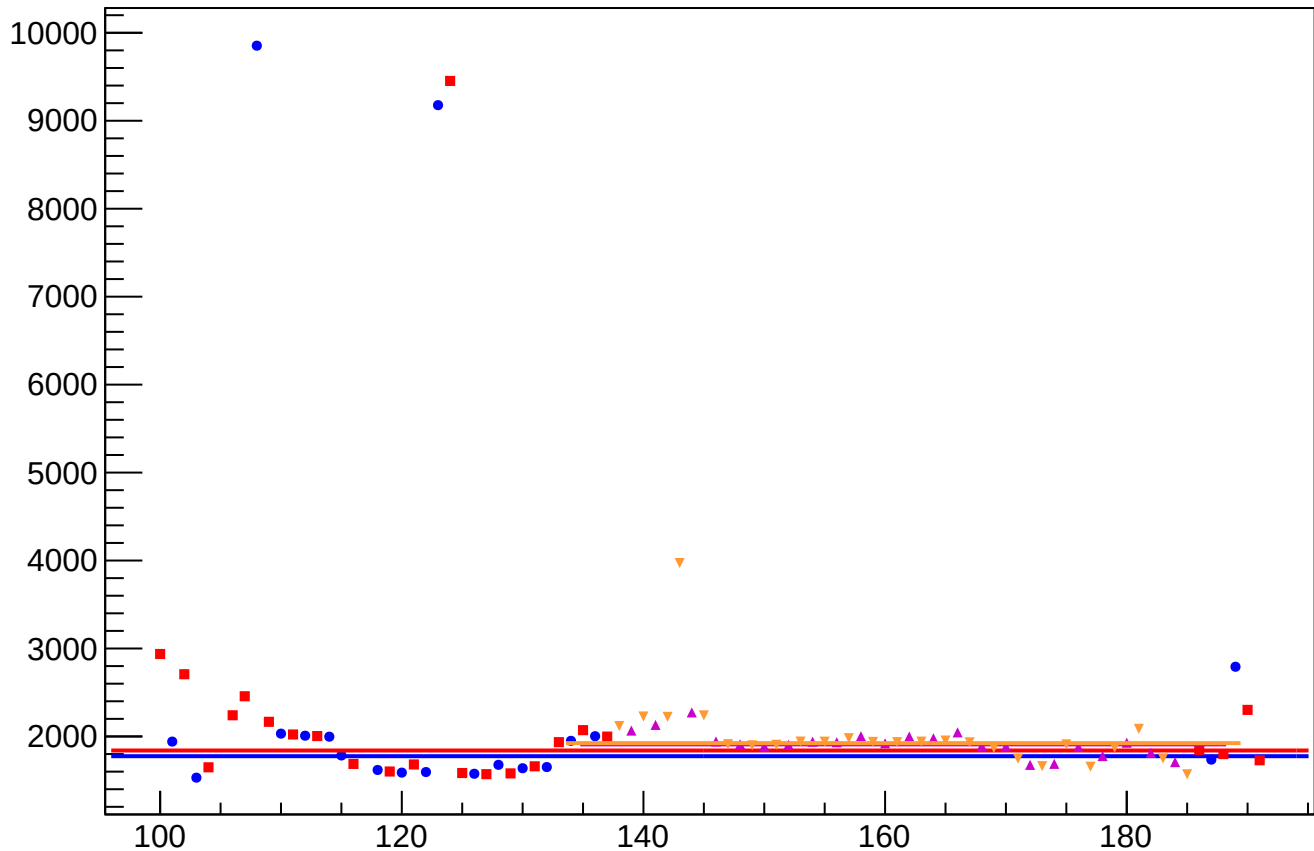
Left In: -2235.652+/-457.720 χ^2/NDF : 31.0/22

+ sign 1108.835+/-377.283 χ^2/NDF : 47.9/43

All: -411.918+/-264.223 χ^2/NDF : 137.2/89

- sign -1875.739+/-370.154 χ^2/NDF : 57.4/45

dit_asym_atl_avg_rms vs Slug



Right In: 1775.506 $\pm$ 0.478 χ^2 /NDF: 810974.1/18

Left Out: 1924.077 $\pm$ 0.321 χ^2 /NDF: 583939.2/24

Right Out: 1840.428 $\pm$ 0.445 χ^2 /NDF: 580672.4/22

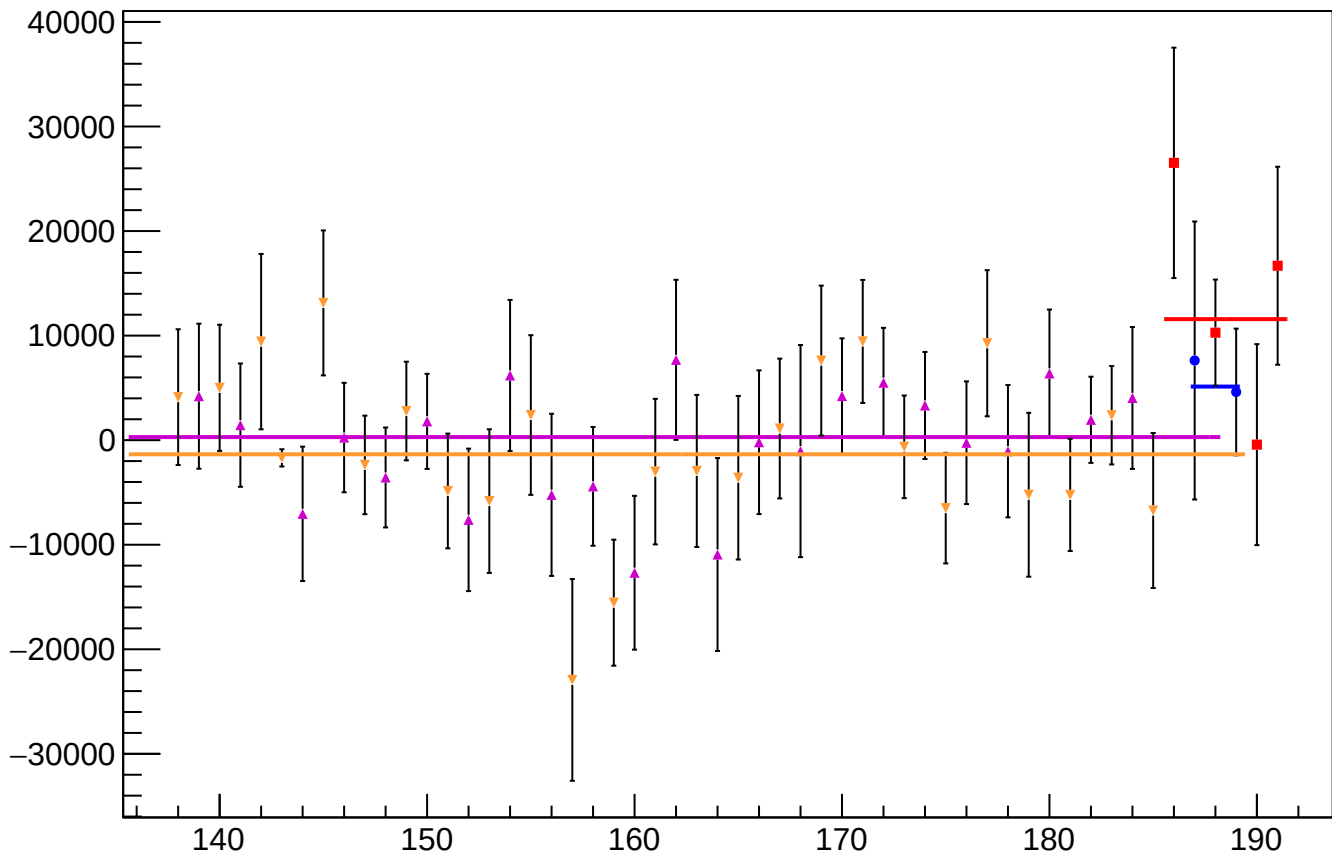
Left In: 1909.656 $\pm$ 0.324 χ^2 /NDF: 164475.5/22

+ sign 1877.882 $\pm$ 0.267 χ^2 /NDF: 1461362.8/43

All: 1881.853 $\pm$ 0.187 χ^2 /NDF: 2222795.5/89

- sign 1885.673 $\pm$ 0.262 χ^2 /NDF: 760998.0/45

asym_atl_avg_correction_mean vs Slug



Right In: 5125.505 ± 5514.551 χ^2/NDF : 0.0/1

Left Out: -1349.584 ± 690.658 χ^2/NDF : 30.9/24

Right Out: 11575.289 ± 3807.280 χ^2/NDF : 3.8/3

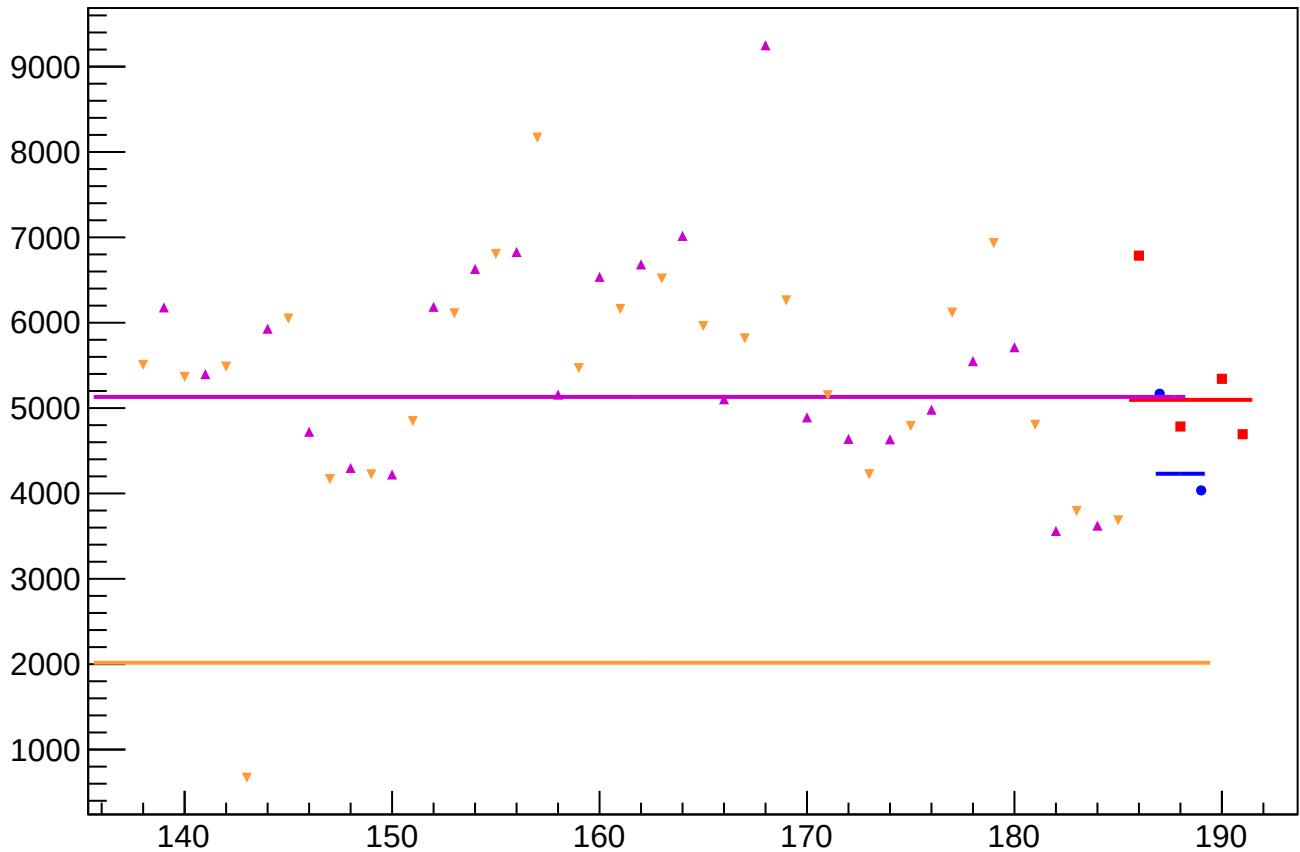
Left In: 294.047 ± 1252.274 χ^2/NDF : 14.5/22

+ sign -1249.586 ± 685.304 χ^2/NDF : 32.3/26

All: -590.512 ± 593.815 χ^2/NDF : 62.2/53

- sign 1395.367 ± 1189.578 χ^2/NDF : 26.2/26

asym_atl_avg_correction_rms vs Slug



Right In: 4230.941+/-3.899 χ^2/NDF : 12007.6/1

Left Out: 2017.245+/-0.488 χ^2/NDF : 19159743.3/24

Right Out: 5096.255+/-2.692 χ^2/NDF : 59532.8/3

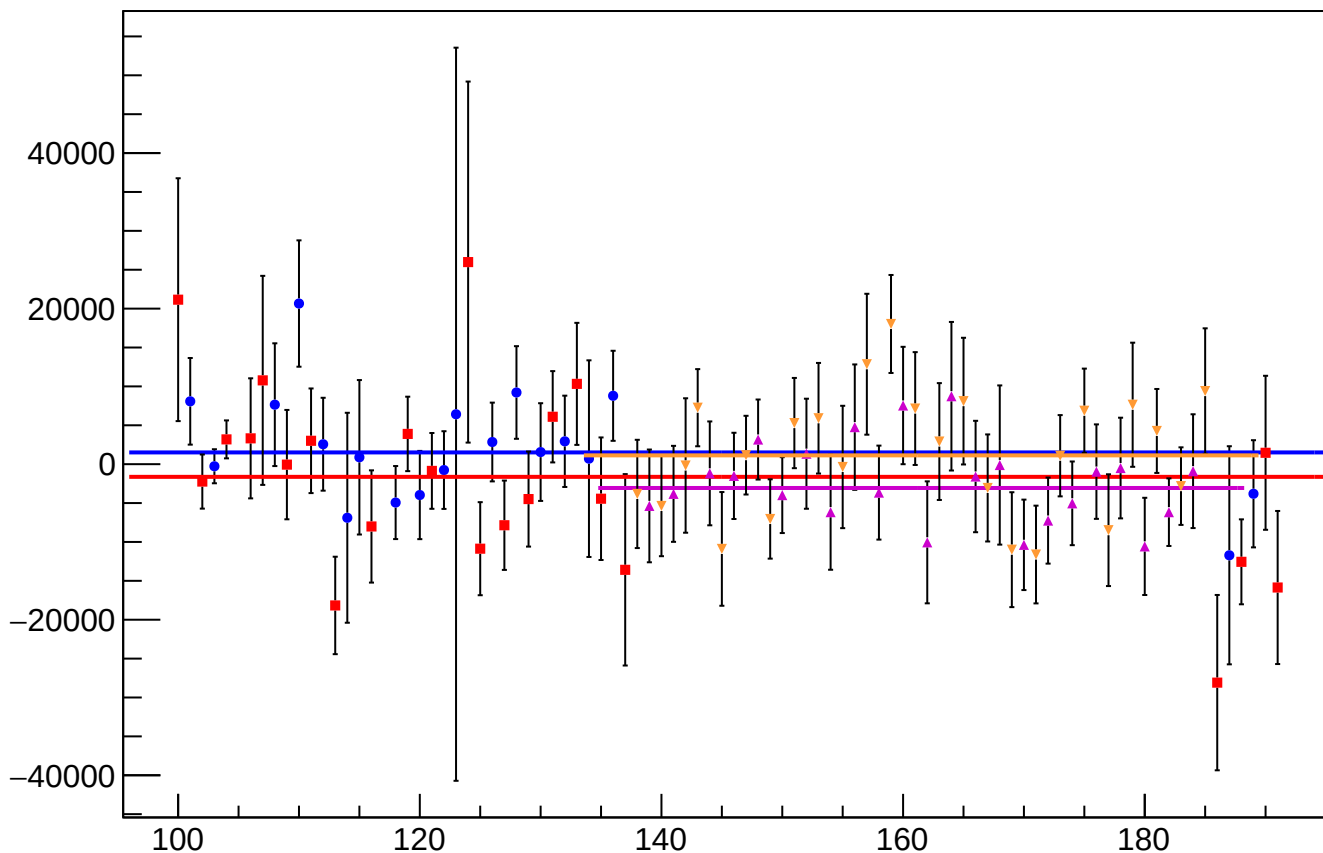
Left In: 5130.756+/-0.885 χ^2/NDF : 1489813.1/22

+ sign 2051.432+/-0.485 χ^2/NDF : 19489062.9/26

All: 2817.904+/-0.420 χ^2/NDF : 31078682.6/5

- sign 5127.388+/-0.841 χ^2/NDF : 1549494.2/26

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: -1629.484 $\pm$ 1224.874 χ^2 /NDF: 39.0/22

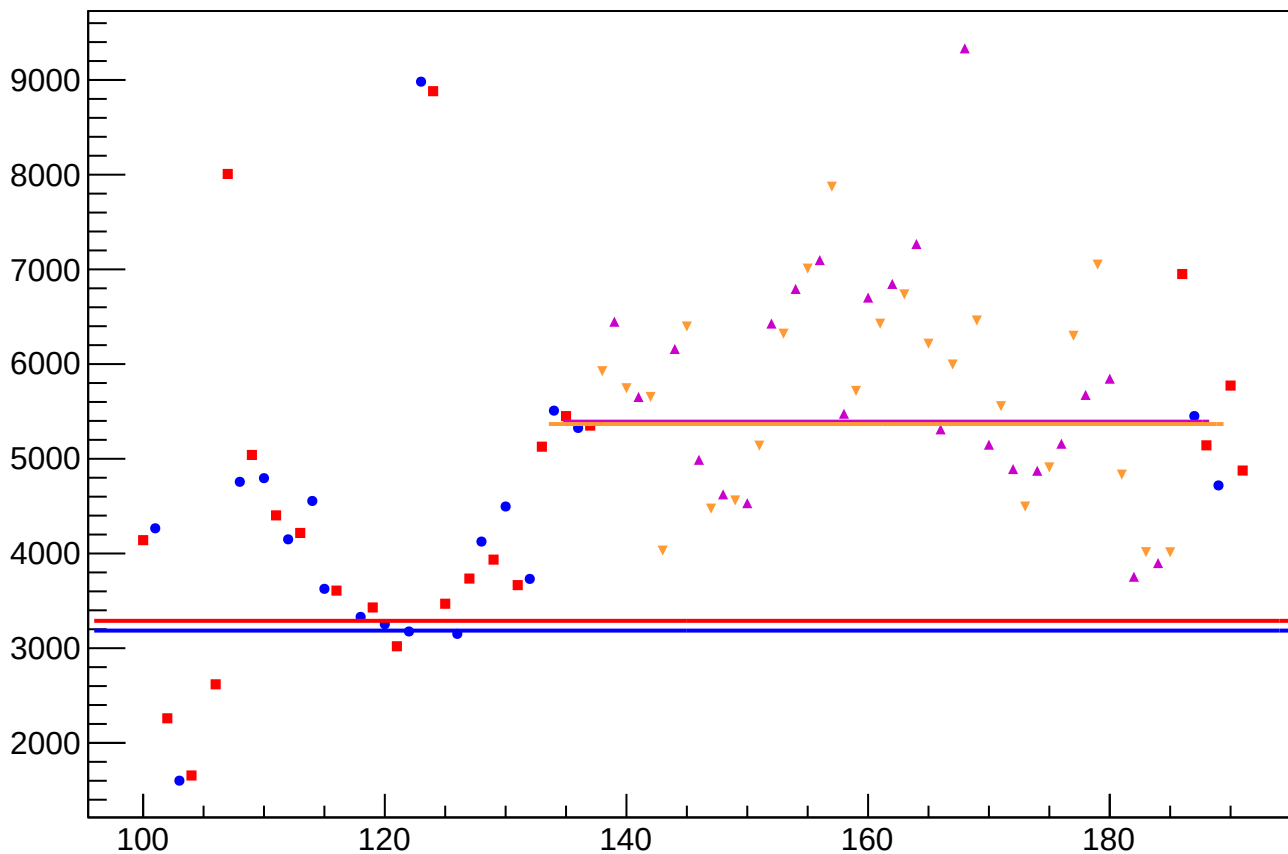
Left In: -3061.439 $\pm$ 1313.197 χ^2 /NDF:12.3/22

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

All: -500.880 $\pm$ 635.869 χ^2 /NDF: 109.1/89

- sign -2295.691 $\pm$ 895.715 χ^2 /NDF: 51.9/45

asym_atl_avg_rms vs Slug



Right In: 3185.752 ± 0.900 χ^2/NDF : 2036708.8/18

Left Out: 5366.944 ± 0.905 χ^2/NDF : 1213541.3/24

Right Out: 3288.941 ± 0.855 χ^2/NDF : 2685371.5/22

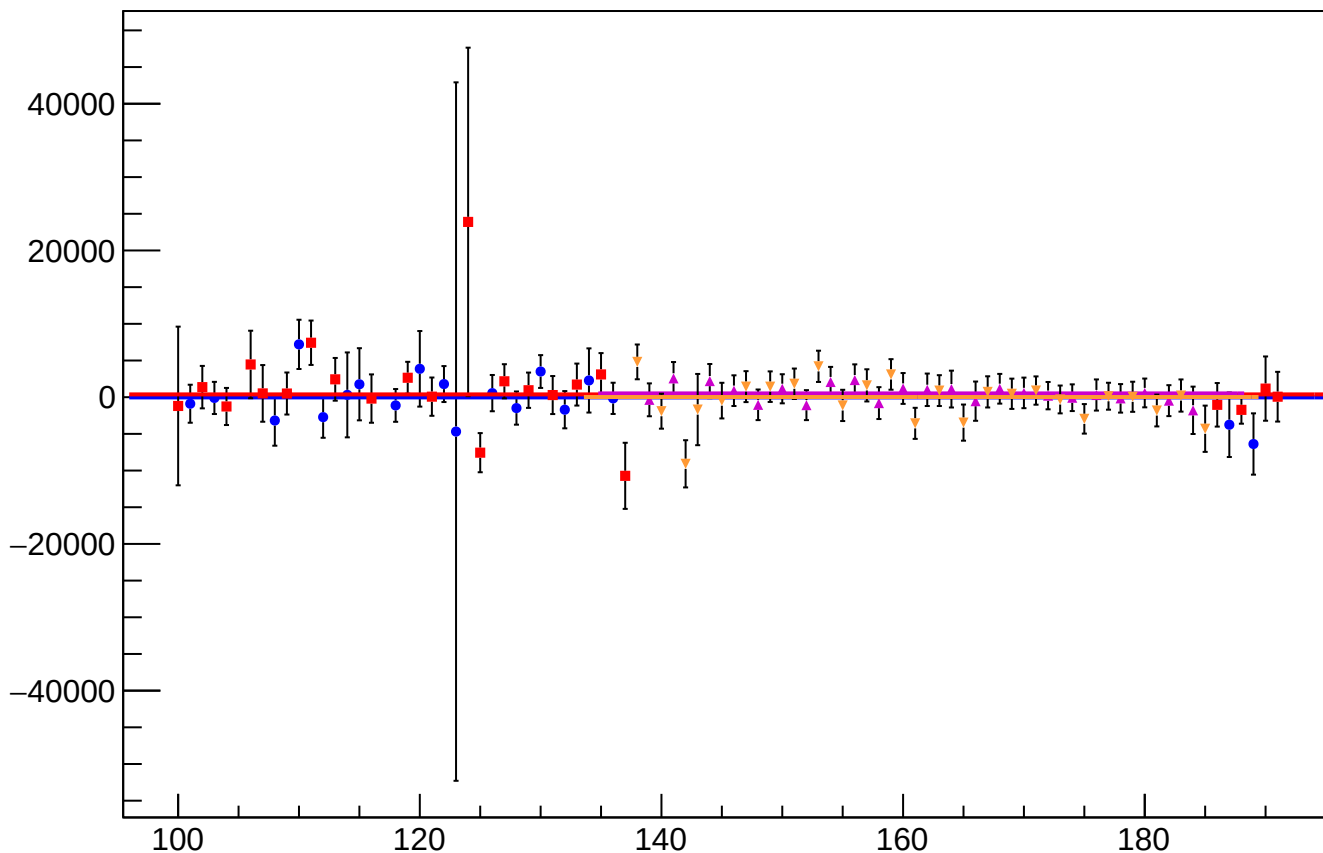
Left In: 5391.987 ± 0.929 χ^2/NDF : 1320415.5/22

+ sign 4270.545 ± 0.638 χ^2/NDF : 6168545.8/43

All: 4261.906 ± 0.448 χ^2/NDF : 12951451.0/8

- sign 4253.524 ± 0.629 χ^2/NDF : 6782544.3/45

dit_asym_atl_dd_mean vs Slug



Right In: -30.063 ± 669.790 χ^2/NDF : 14.7/18

Left Out: 23.375 ± 440.724 χ^2/NDF : 31.7/24

Right Out: 380.522 ± 612.031 χ^2/NDF : 27.6/22

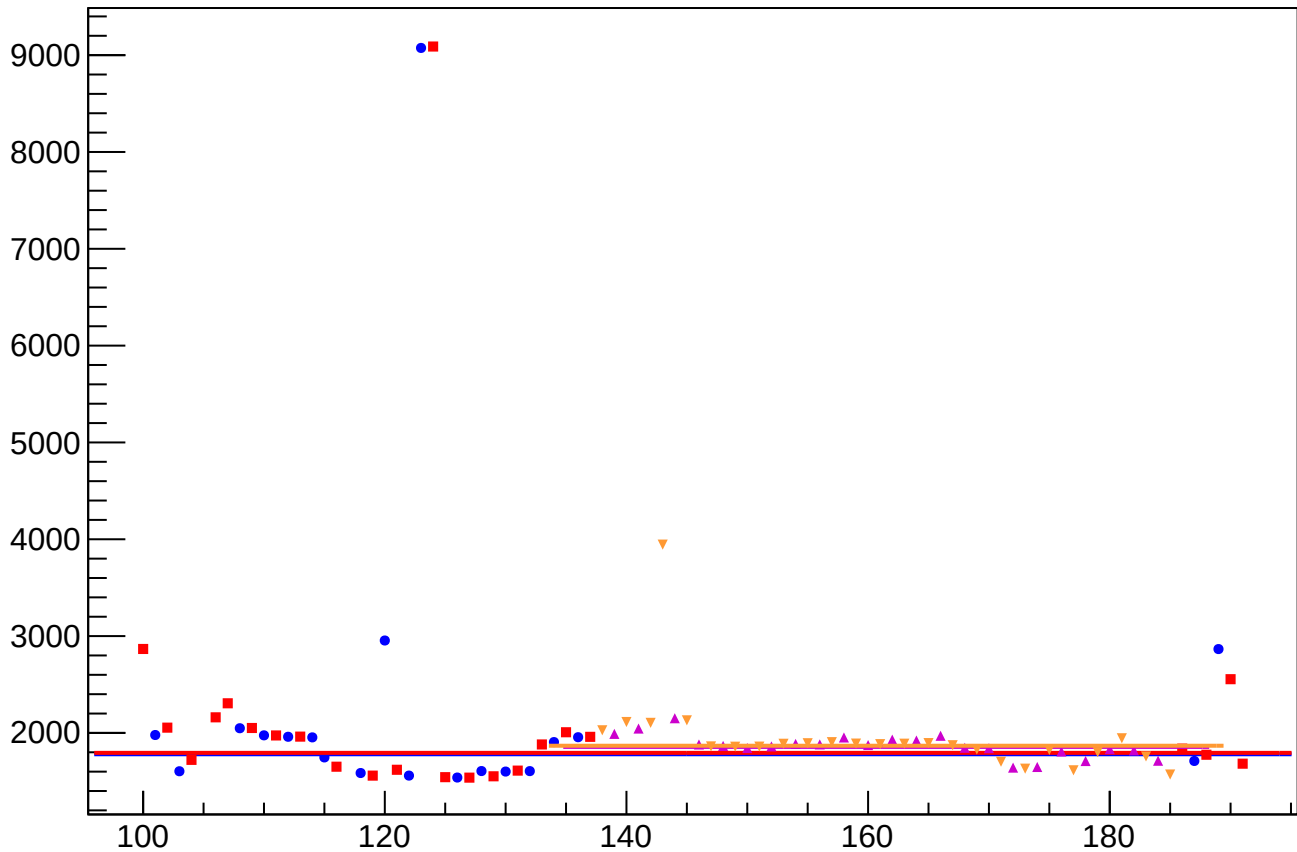
Left In: 514.693 ± 444.402 χ^2/NDF : 5.9/22

+ sign 7.229 ± 368.170 χ^2/NDF : 46.4/43

All: 243.229 ± 257.253 χ^2/NDF : 80.7/89

- sign 468.374 ± 359.603 χ^2/NDF : 33.5/45

dit_asym_atl_dd_rms vs Slug



Right In: 1779.516 $\pm$ 0.474 χ^2 /NDF: 439844.7/18

Left Out: 1867.539 $\pm$ 0.312 χ^2 /NDF: 545343.0/24

Right Out: 1793.967 $\pm$ 0.432 χ^2 /NDF: 492320.5/22

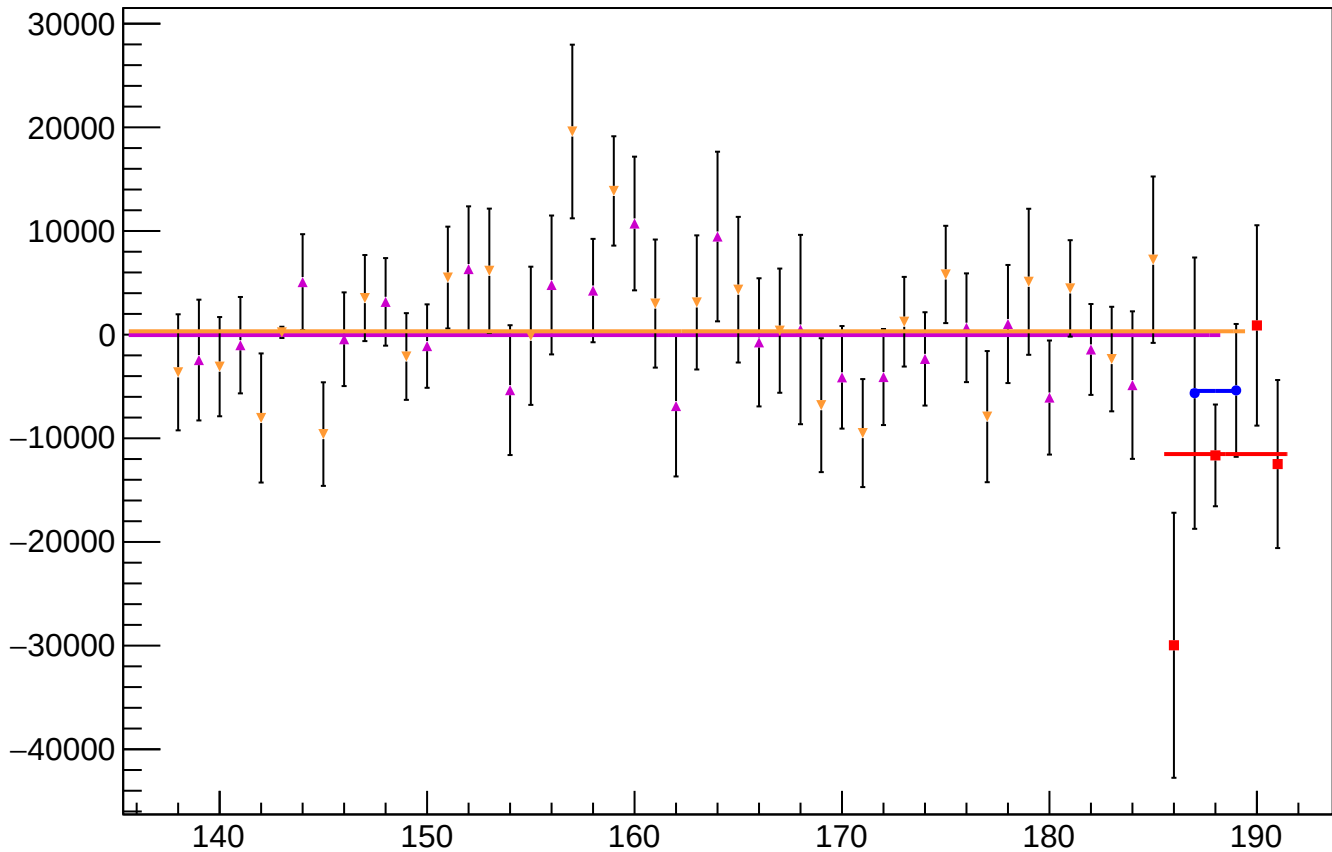
Left In: 1855.480 $\pm$ 0.314 χ^2 /NDF: 136219.4/22

+ sign 1840.943 $\pm$ 0.260 χ^2 /NDF: 1009292.8/43

All: 1837.495 $\pm$ 0.182 χ^2 /NDF: 1651425.5/89

- sign 1834.209 $\pm$ 0.254 χ^2 /NDF: 641790.1/45

asym_atl_dd_correction_mean vs Slug



Right In: -5429.562 $\pm$ 5754.853 χ^2 /NDF: 0.0/1

Left Out: 325.135 $\pm$ 488.239 χ^2 /NDF:32.5/24

Right Out: -11520.460 $\pm$ 3687.128 χ^2 /NDF: 3.7/3

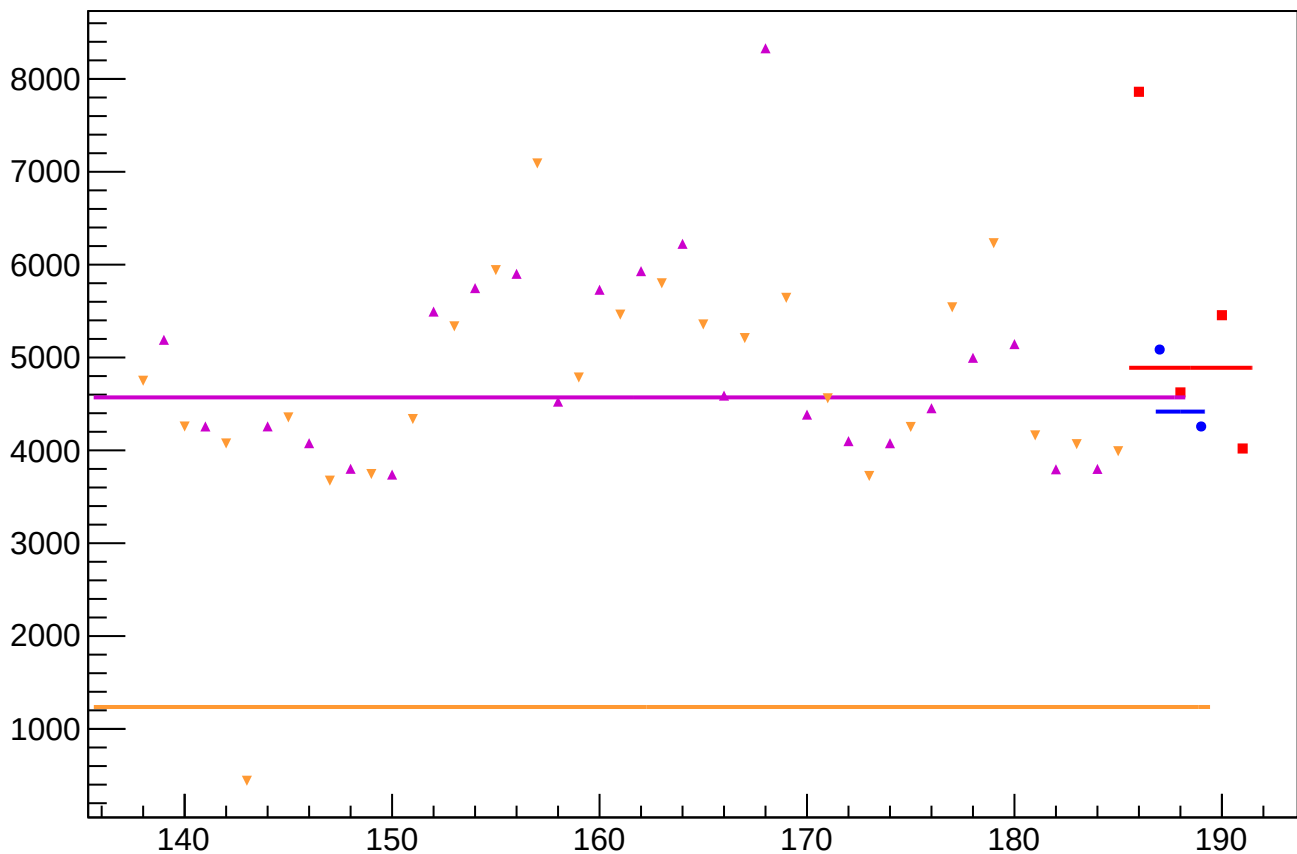
Left In: -40.142 $\pm$ 1109.747 χ^2 /NDF:13.9/22

+ sign 284.010 $\pm$ 486.491 χ^2 /NDF: 33.5/26

All: 62.613 $\pm$ 442.340 χ^2 /NDF: 61.2/53

- sign -993.738 $\pm$ 1062.658 χ^2 /NDF: 26.5/26

asym_atl_dd_correction_rms vs Slug



Right In: 4417.390+/-4.069 χ^2/NDF : 6464.4/1

Left Out: 1236.170+/-0.345 χ^2/NDF : 23395886.7/24

Right Out: 4889.310+/-2.607 χ^2/NDF : 143808.4/3

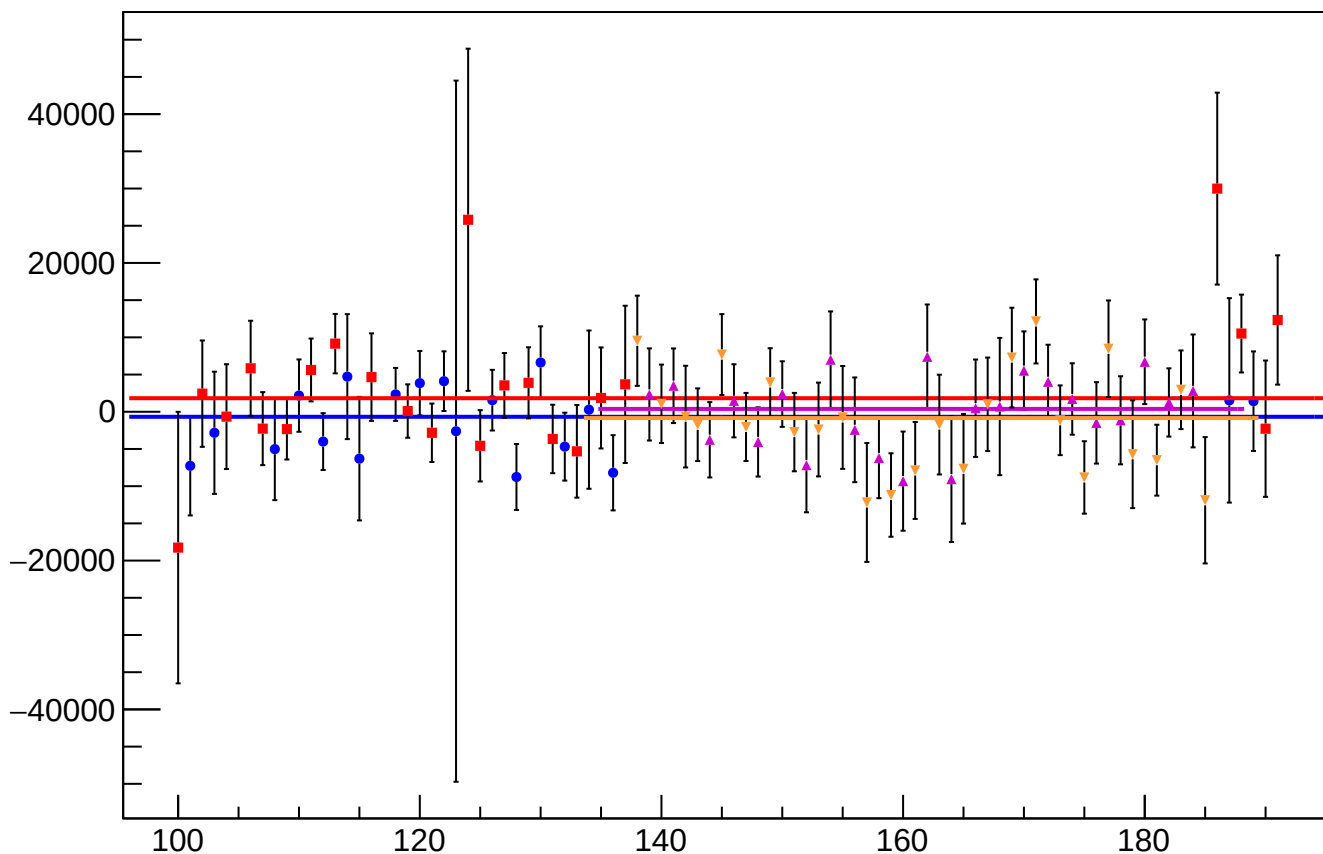
Left In: 4570.398+/-0.785 χ^2/NDF : 1145211.6/22

+ sign 1258.904+/-0.344 χ^2/NDF : 24009135.1/26

All: 1837.280+/-0.313 χ^2/NDF : 41626404.9/5

- sign 4596.888+/-0.751 χ^2/NDF : 1302739.3/26

asym_atl_dd_mean vs Slug



Right In: -673.953+/-1221.685 χ^2/NDF : 15.7/18

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

Right Out: 1824.104+/-1137.697 χ^2/NDF : 24.7/22

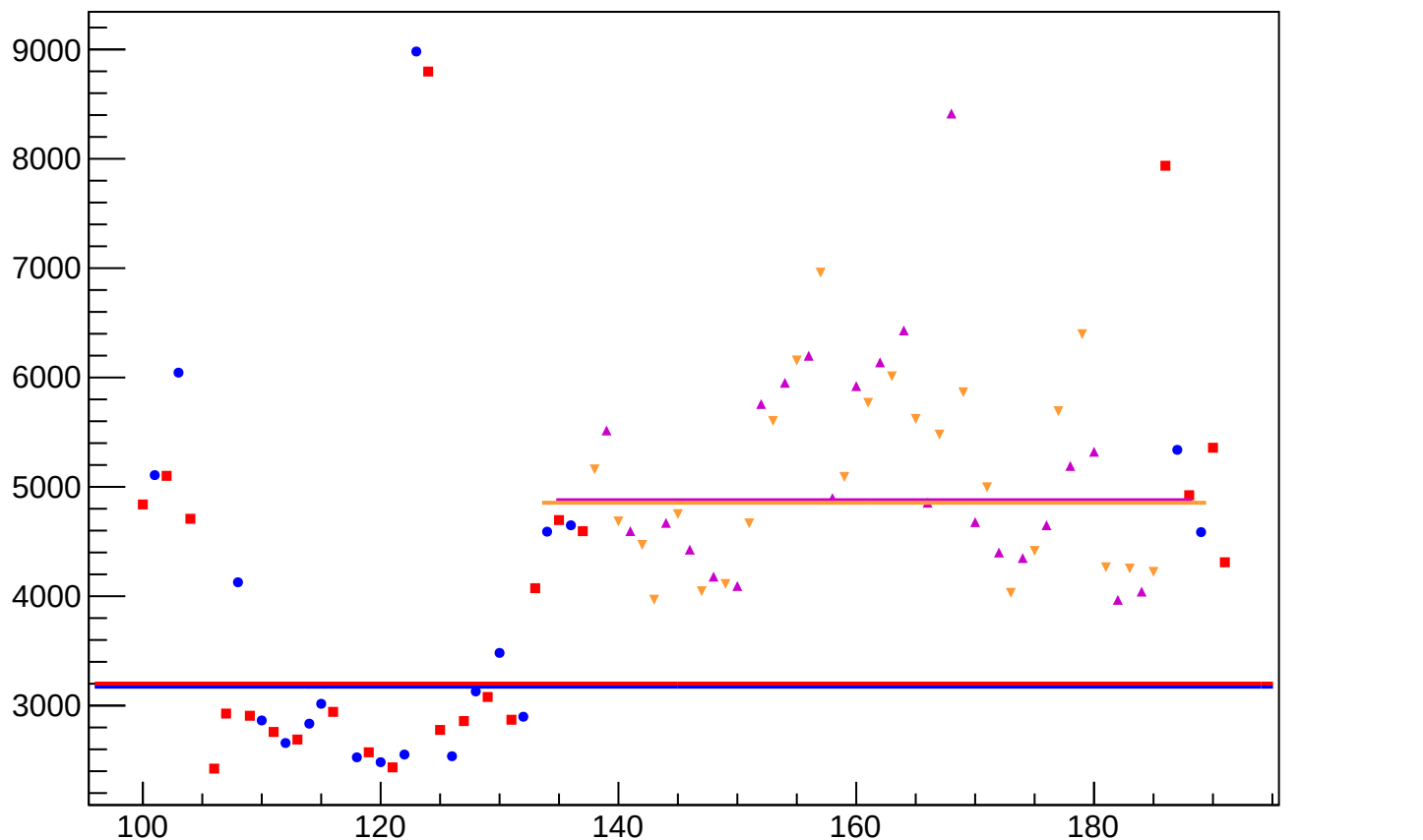
Left In: 385.098+/-1181.458 χ^2/NDF : 13.9/22

+ sign -764.669+/-838.401 χ^2/NDF : 45.7/43

All: 205.146+/-586.045 χ^2/NDF : 87.7/89

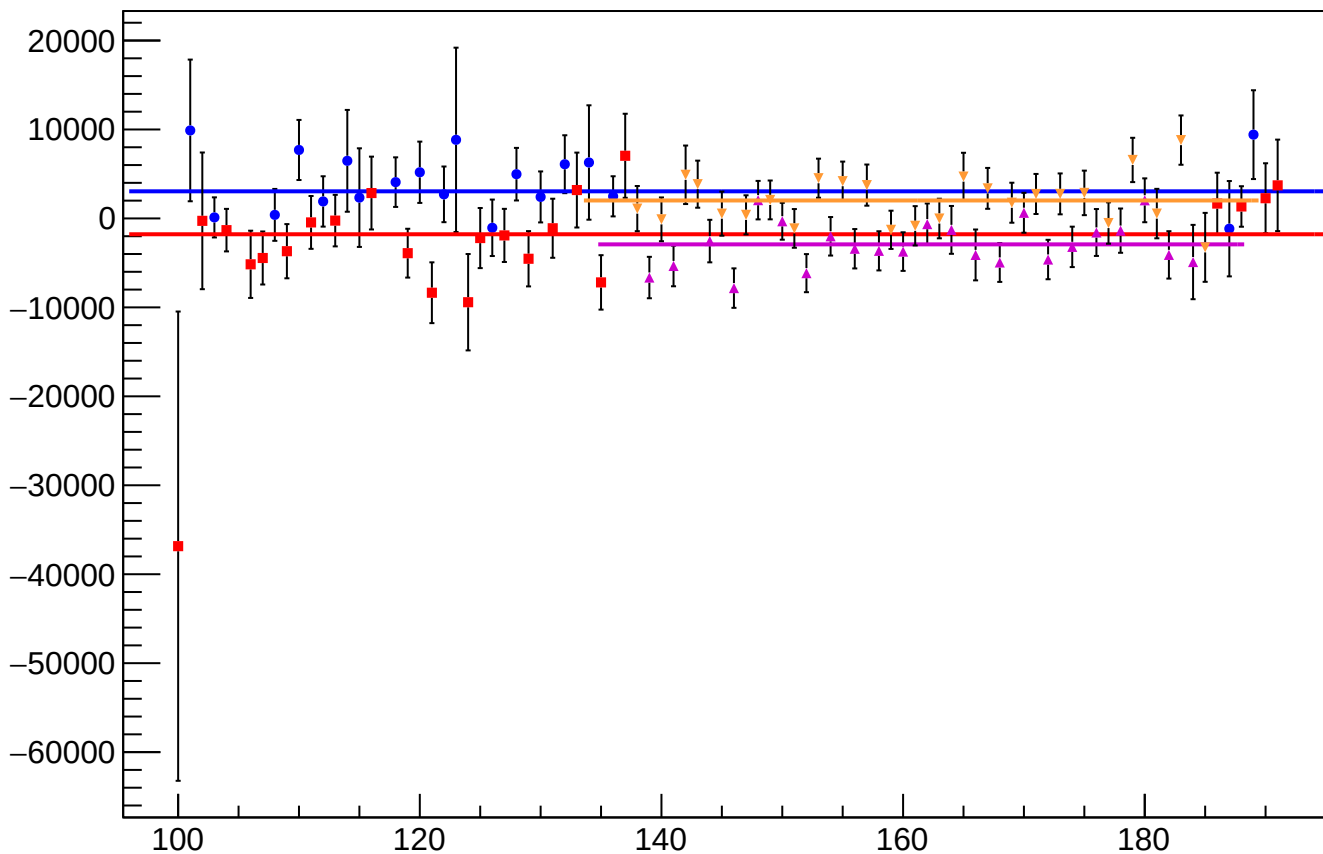
- sign 1131.744+/-819.507 χ^2/NDF : 39.4/45

asym_atl_dd_rms vs Slug



Right In: 3172.891+/-0.864	χ^2/NDF : 1104591.0/18	+ sign 4062.753+/-0.593	χ^2/NDF : 4005889.4/43
Left Out: 4854.932+/-0.815	χ^2/NDF : 895557.4/24	All: 4029.717+/-0.413	χ^2/NDF : 8563532.9/89
Right Out: 3201.218+/-0.795	χ^2/NDF : 1472461.4/22	- sign 3998.527+/-0.576	χ^2/NDF : 4551606.2/45
Left In: 4878.261+/-0.835	χ^2/NDF : 965222.2/22		

dit_asym_atr_avg_mean vs Slug



Right In: 3047.618 ± 777.187 χ^2/NDF : 12.1/18

Left Out: 2019.326 ± 481.340 χ^2/NDF : 27.1/24

Right Out: -1780.008 ± 705.582 χ^2/NDF : 25.8/22

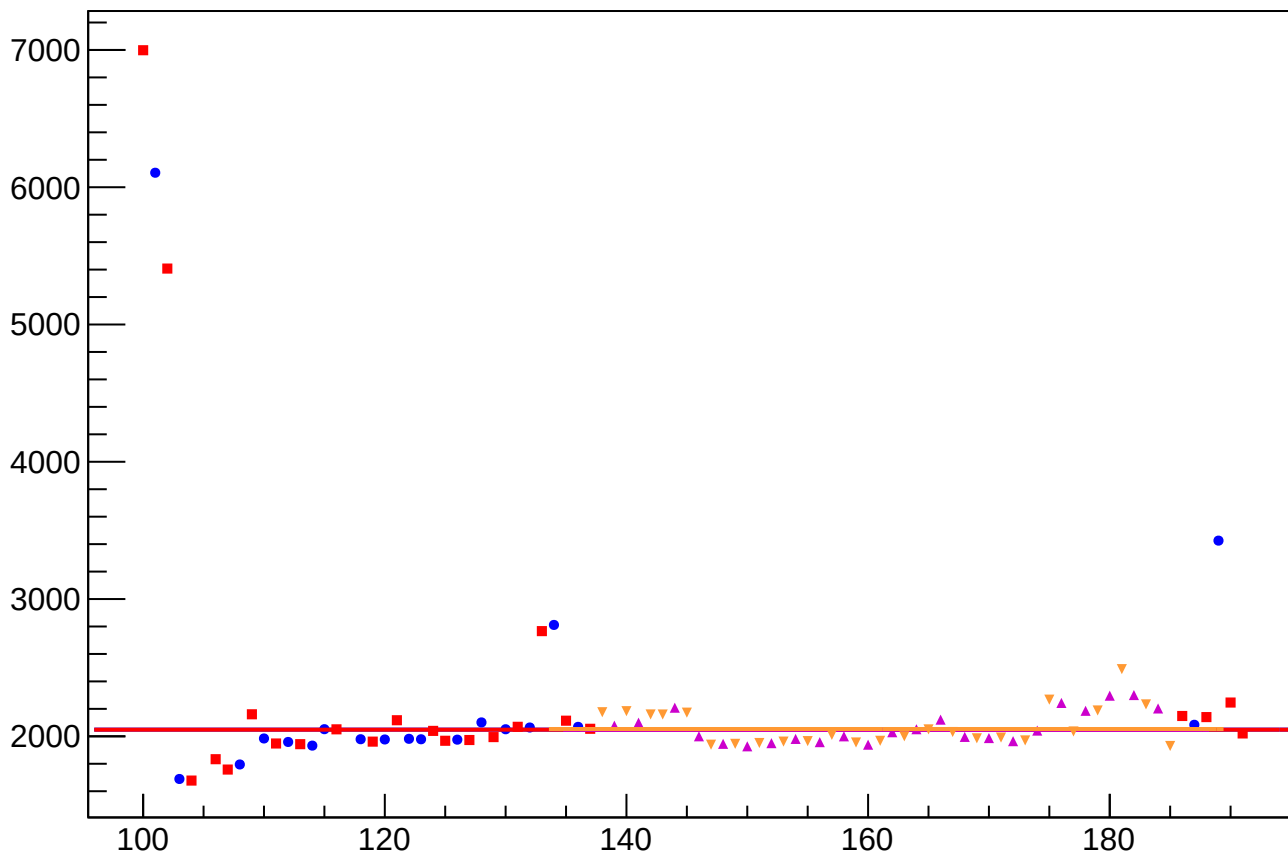
Left In: -2916.079 ± 489.445 χ^2/NDF : 28.8/22

+ sign 2304.405 ± 409.214 χ^2/NDF : 40.5/43

All: -163.470 ± 286.832 χ^2/NDF : 168.4/89

- sign -2547.009 ± 402.160 χ^2/NDF : 56.4/45

dit_asym_atr_avg_rms vs Slug



Right In: 2048.683 ± 0.550 $\chi^2/\text{NDF}: 773996.4/18$

Left Out: 2053.296 ± 0.340 $\chi^2/\text{NDF}: 136888.1/24$

Right Out: 2048.226 ± 0.499 $\chi^2/\text{NDF}: 609203.2/22$

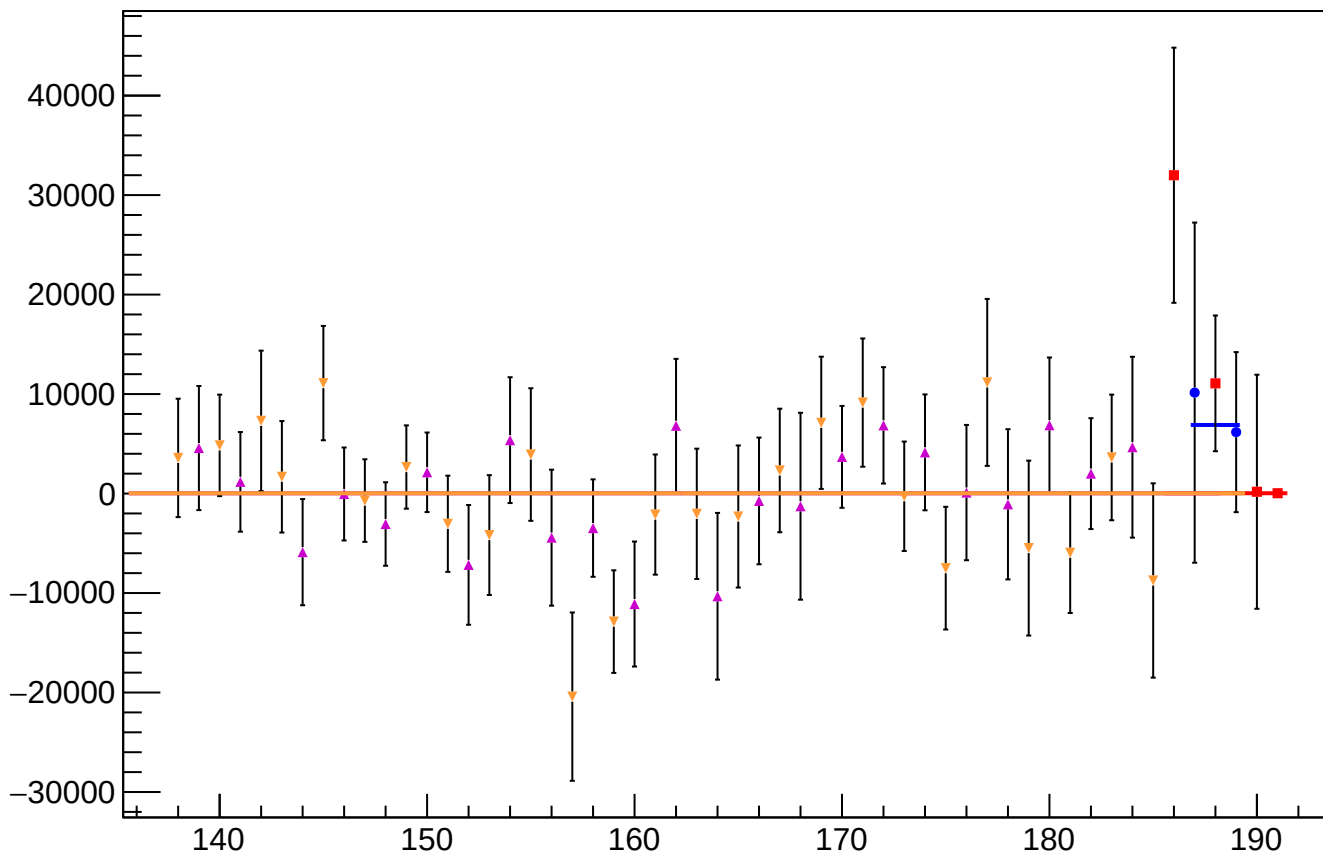
Left In: 2047.277 ± 0.346 $\chi^2/\text{NDF}: 103001.2/22$

+ sign 2052.017 ± 0.289 $\chi^2/\text{NDF}: 910935.4/43$

All: 2049.763 ± 0.203 $\chi^2/\text{NDF}: 1623261.5/89$

- sign 2047.586 ± 0.284 $\chi^2/\text{NDF}: 712206.8/45$

asym_atr_avg_correction_mean vs Slug



Right In: 6893.304 $\pm$ 7279.199 χ^2 /NDF: 0.0/1

Left Out: 25.977 $\pm$ 1194.625 χ^2 /NDF: 29.2/24

Right Out: 31.692 $\pm$ 15.145 χ^2 /NDF: 8.8/3

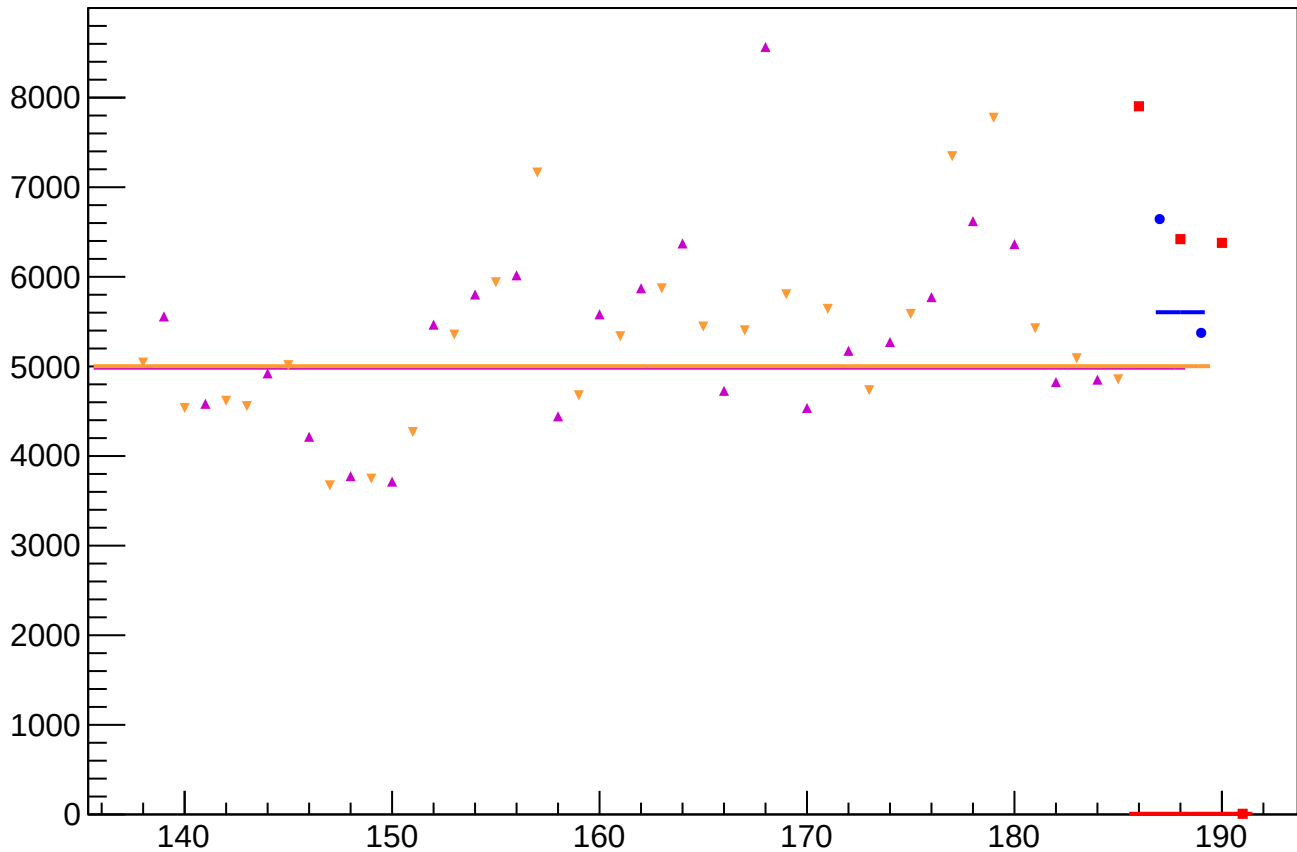
Left In: 23.765 $\pm$ 1211.652 χ^2 /NDF: 15.2/22

+ sign 206.088 $\pm$ 1178.855 χ^2 /NDF: 30.1/26

All: 31.720 $\pm$ 15.143 χ^2 /NDF: 54.2/53

- sign 31.691 $\pm$ 15.144 χ^2 /NDF: 24.1/26

asym_atr_avg_correction_rms vs Slug



Right In: 5604.814+/-5.147 χ^2/NDF : 9034.7/1

Left Out: 5002.559+/-0.845 χ^2/NDF : 1145597.1/24

Right Out: 7.560+/-0.011 χ^2/NDF : 3113296.0/3

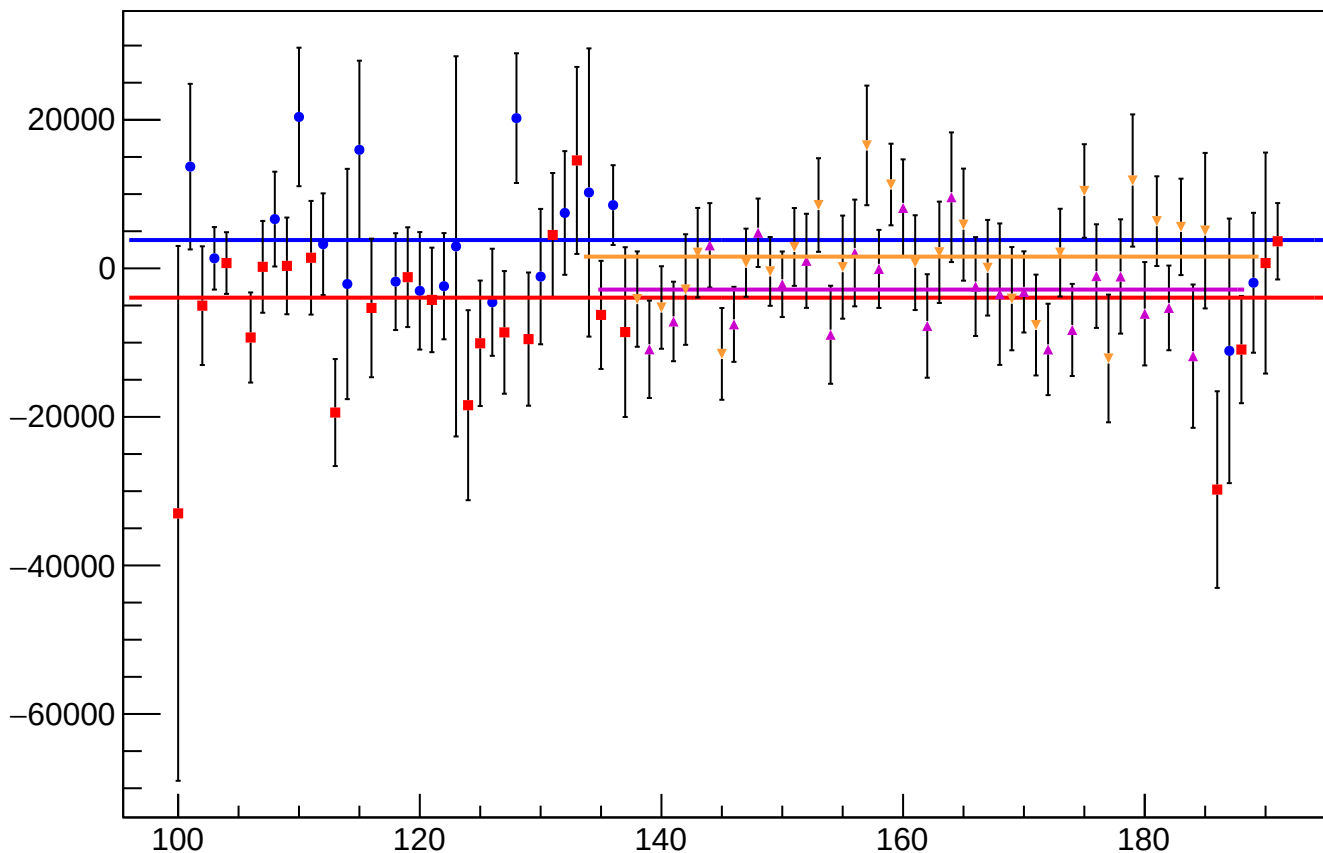
Left In: 4986.169+/-0.857 χ^2/NDF : 1197602.7/22

+ sign 5018.354+/-0.834 χ^2/NDF : 1167963.4/26

All: 9.164+/-0.011 χ^2/NDF : 75357762.3/53

- sign 8.338+/-0.011 χ^2/NDF : 38072455.2/26

asym_atr_avg_mean vs Slug



Right In: 3812.652 $\pm$ 1813.214 χ^2 /NDF: 15.2/18

Left Out: 1580.515 $\pm$ 1266.098 χ^2 /NDF:25.2/24

Right Out: -3944.444 $\pm$ 1574.854 χ^2 /NDF: 21.9/22

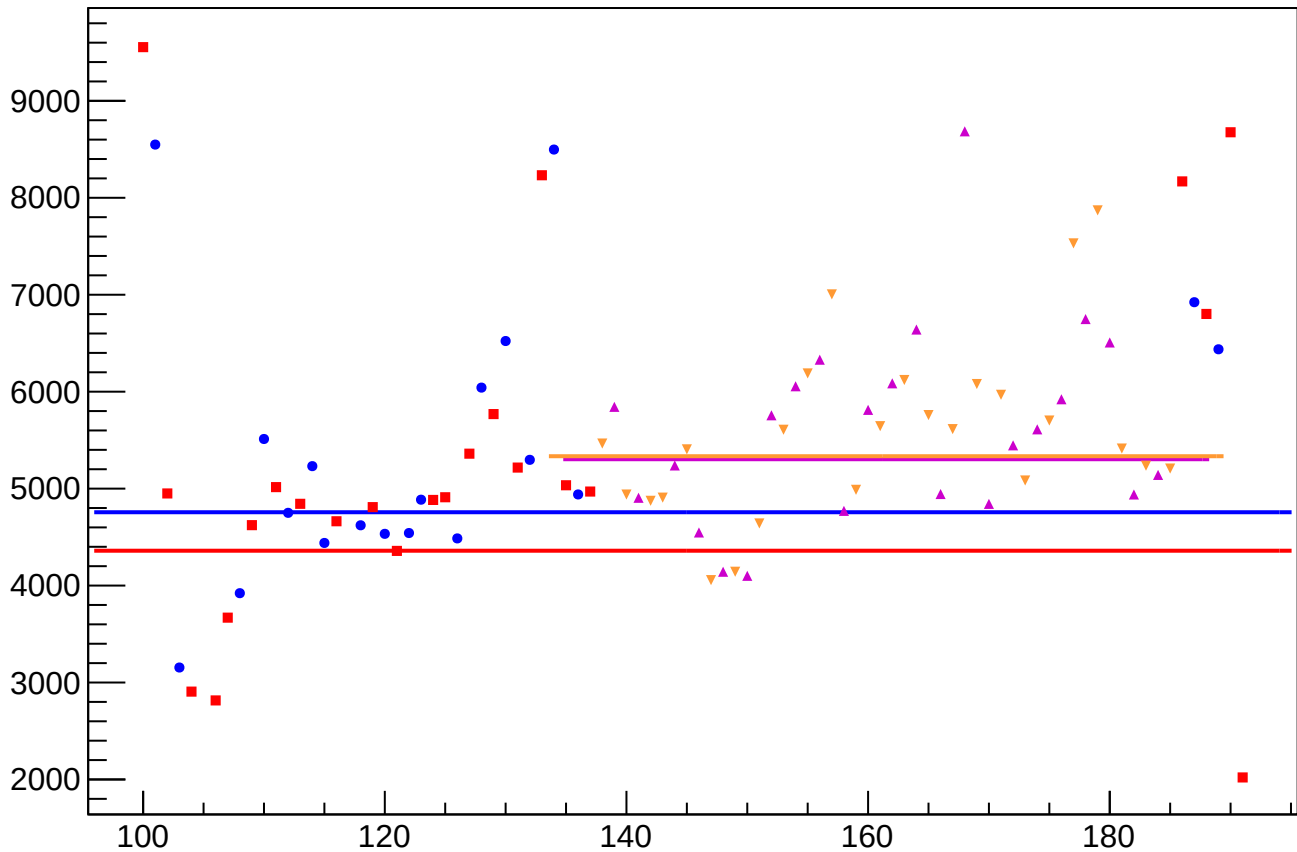
Left In: -2856.480 $\pm$ 1284.131 χ^2 /NDF:18.1/22

+ sign 2312.125 $\pm$ 1038.075 χ^2 /NDF: 41.4/43

All: -607.461 $\pm$ 718.399 χ^2 /NDF: 96.8/89

- sign -3290.962 $\pm$ 995.219 χ^2 /NDF: 40.3/45

asym_atr_avg_rms vs Slug



Right In: 4756.442 $\pm$ 1.282 χ^2 /NDF: 875741.1/18

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

Right Out: 4359.562 $\pm$ 1.108 χ^2 /NDF: 1809078.1/22

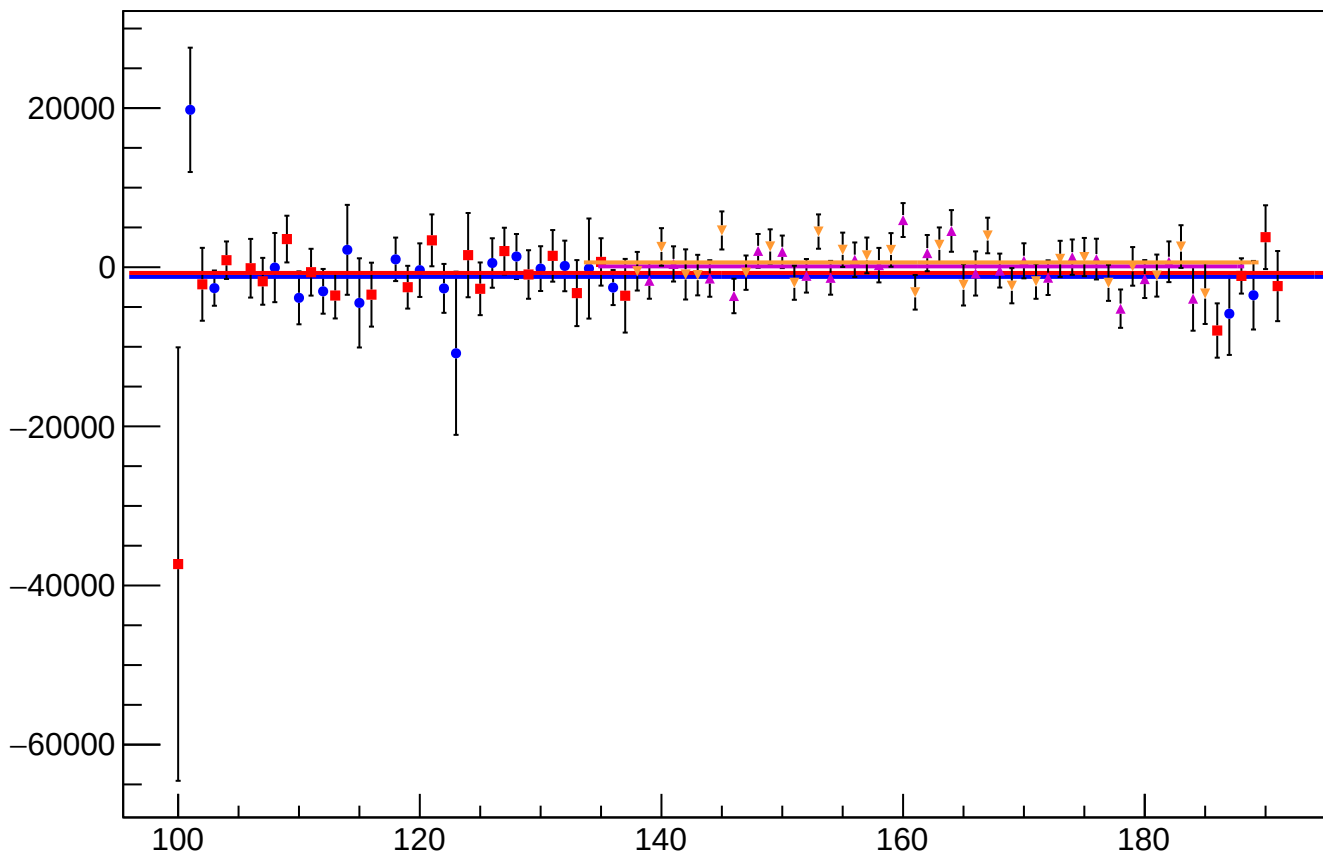
Left In: 5303.321 $\pm$ 0.908 χ^2 /NDF:960356.0/22

+ sign 5144.847 $\pm$ 0.734 χ^2 /NDF: 1877669.9/43

All: 5029.682 $\pm$ 0.507 χ^2 /NDF: 5128174.1/89

- sign 4924.238 $\pm$ 0.702 χ^2 /NDF: 3203350.6/45

dit_asym_atr_dd_mean vs Slug



Right In: -1215.325+/-774.511 χ^2/NDF : 14.2/18

Left Out: 605.796+/-469.397 χ^2/NDF : 25.2/24

Right Out: -719.265+/-685.139 χ^2/NDF : 16.8/22

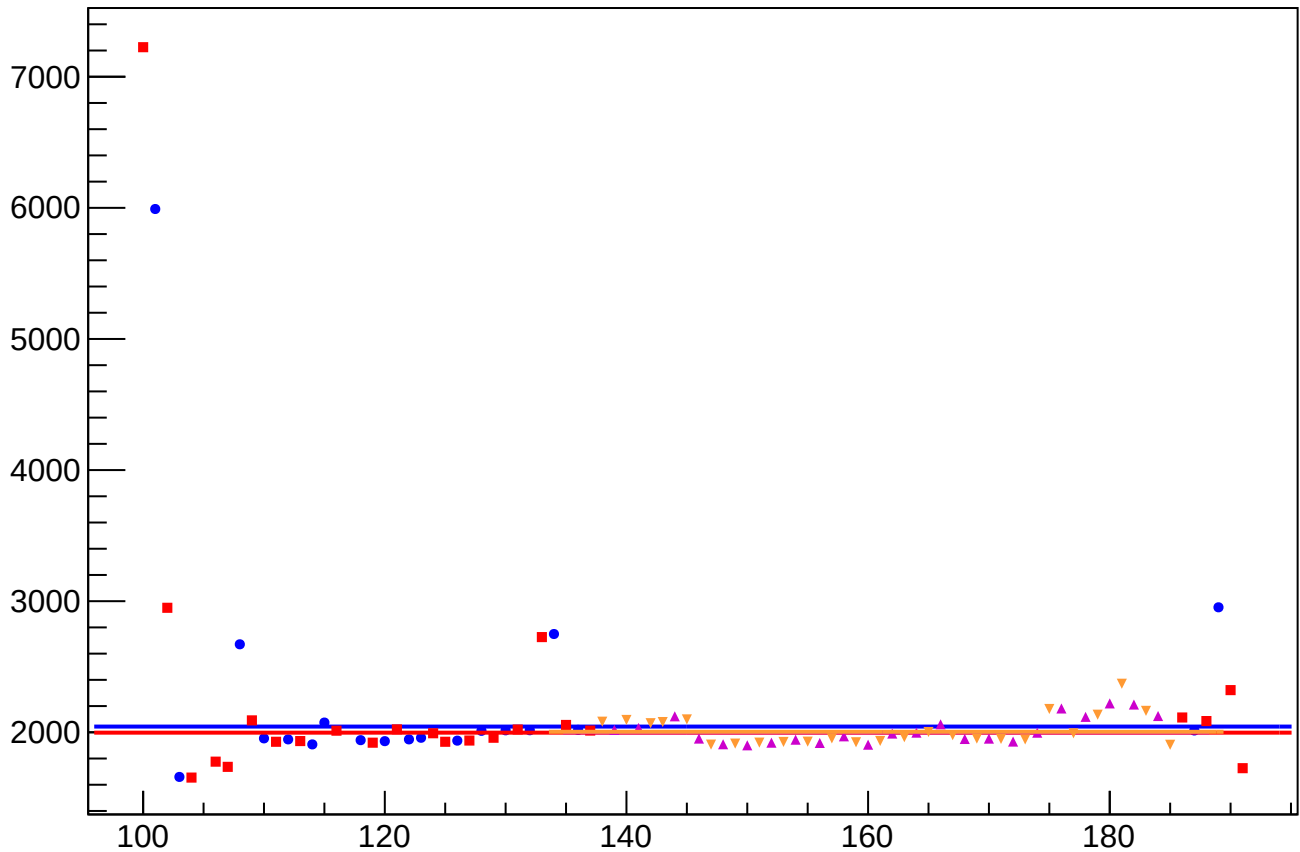
Left In: 108.365+/-477.899 χ^2/NDF : 25.0/22

+ sign 116.581+/-401.428 χ^2/NDF : 43.5/43

All: -26.295+/-280.447 χ^2/NDF : 86.5/89

- sign -162.514+/-391.966 χ^2/NDF : 42.8/45

dit_asym_atr_dd_rms vs Slug



Right In: 2043.660+/-0.548 χ^2/NDF : 742177.3/18

Left Out: 2003.987+/-0.332 χ^2/NDF : 99981.7/24

+ sign 2014.645+/-0.284 χ^2/NDF : 845996.9/43

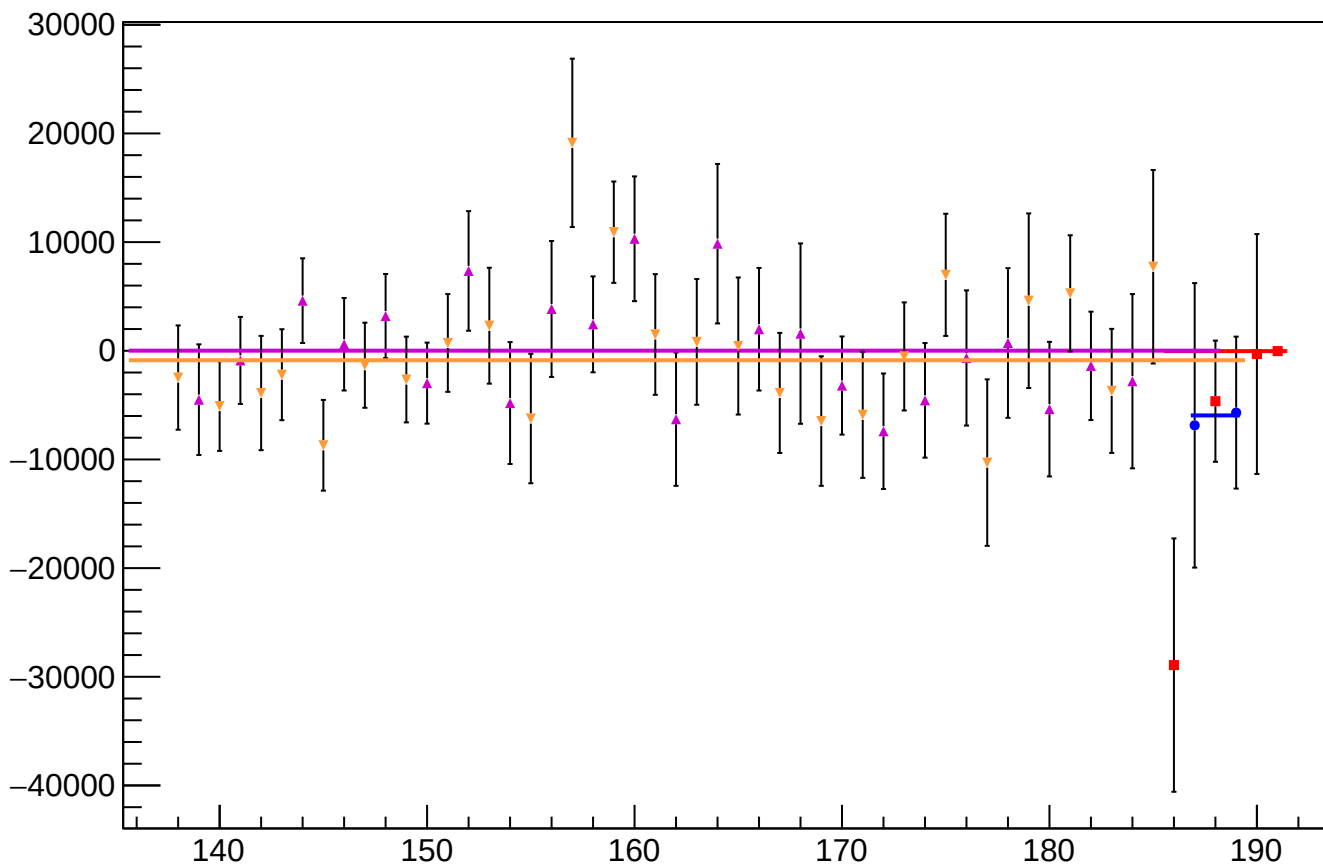
Right Out: 1997.261+/-0.484 χ^2/NDF : 322380.3/22

All: 2006.727+/-0.198 χ^2/NDF : 1249608.9/89

- sign 1999.183+/-0.277 χ^2/NDF : 402092.6/45

Left In: 2000.119+/-0.338 χ^2/NDF : 79688.8/22

asym_atr_dd_correction_mean vs Slug



Right In: -5950.001 $\pm$ 6166.865 χ^2 /NDF: 0.0/1

Left Out: -871.296 $\pm$ 1043.390 χ^2 /NDF:28.3/24

Right Out: -31.128 $\pm$ 14.261 χ^2 /NDF: 6.8/3

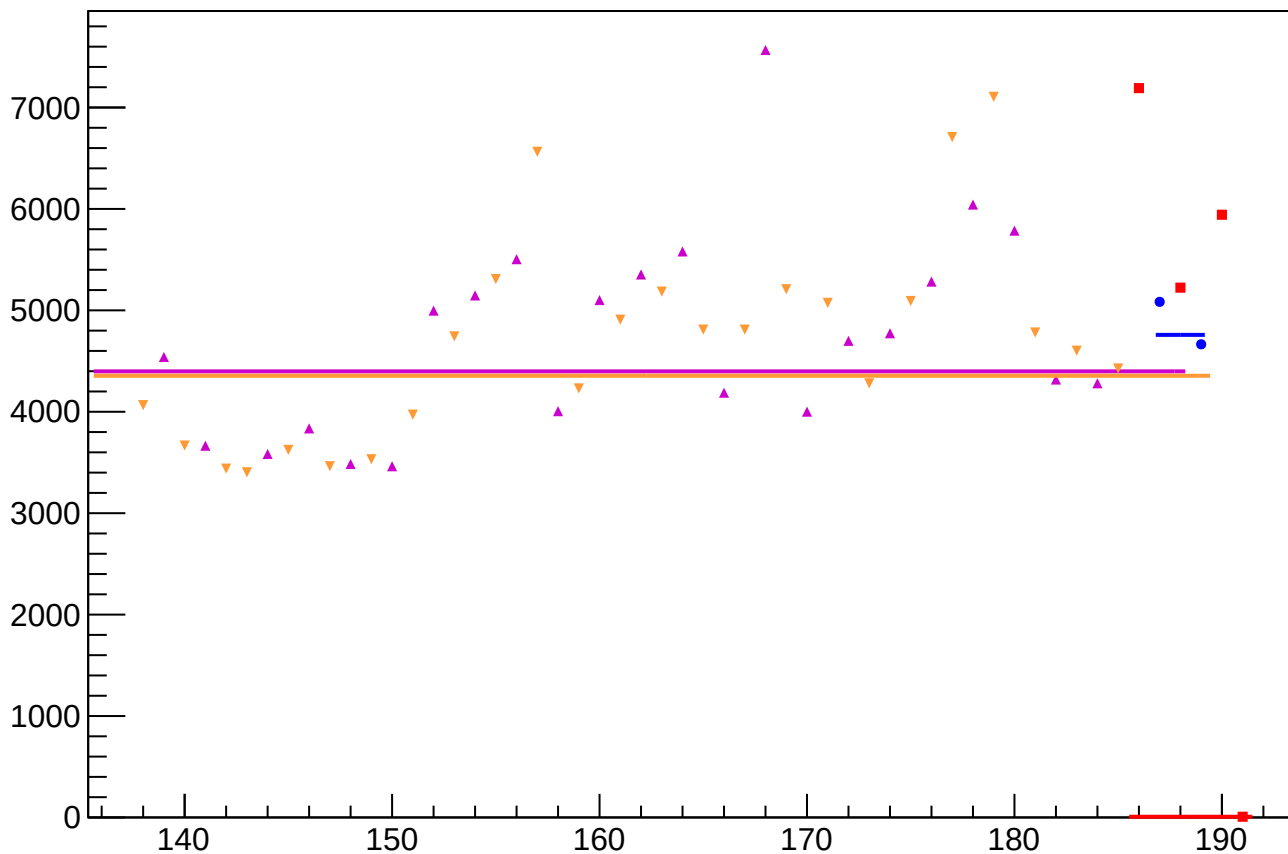
Left In: 10.945 $\pm$ 1070.258 χ^2 /NDF:17.2/22

+ sign -1012.634 $\pm$ 1028.769 χ^2 /NDF: 29.0/26

All: -31.309 $\pm$ 14.258 χ^2 /NDF: 53.9/53

- sign -31.120 $\pm$ 14.260 χ^2 /NDF: 24.0/26

asym_atr_dd_correction_rms vs Slug



Right In: 4758.190+/-4.361 χ^2/NDF : 1591.2/1

Left Out: 4355.202+/-0.738 χ^2/NDF : 1350492.3/24

Right Out: 7.124+/-0.010 χ^2/NDF : 3087557.2/3

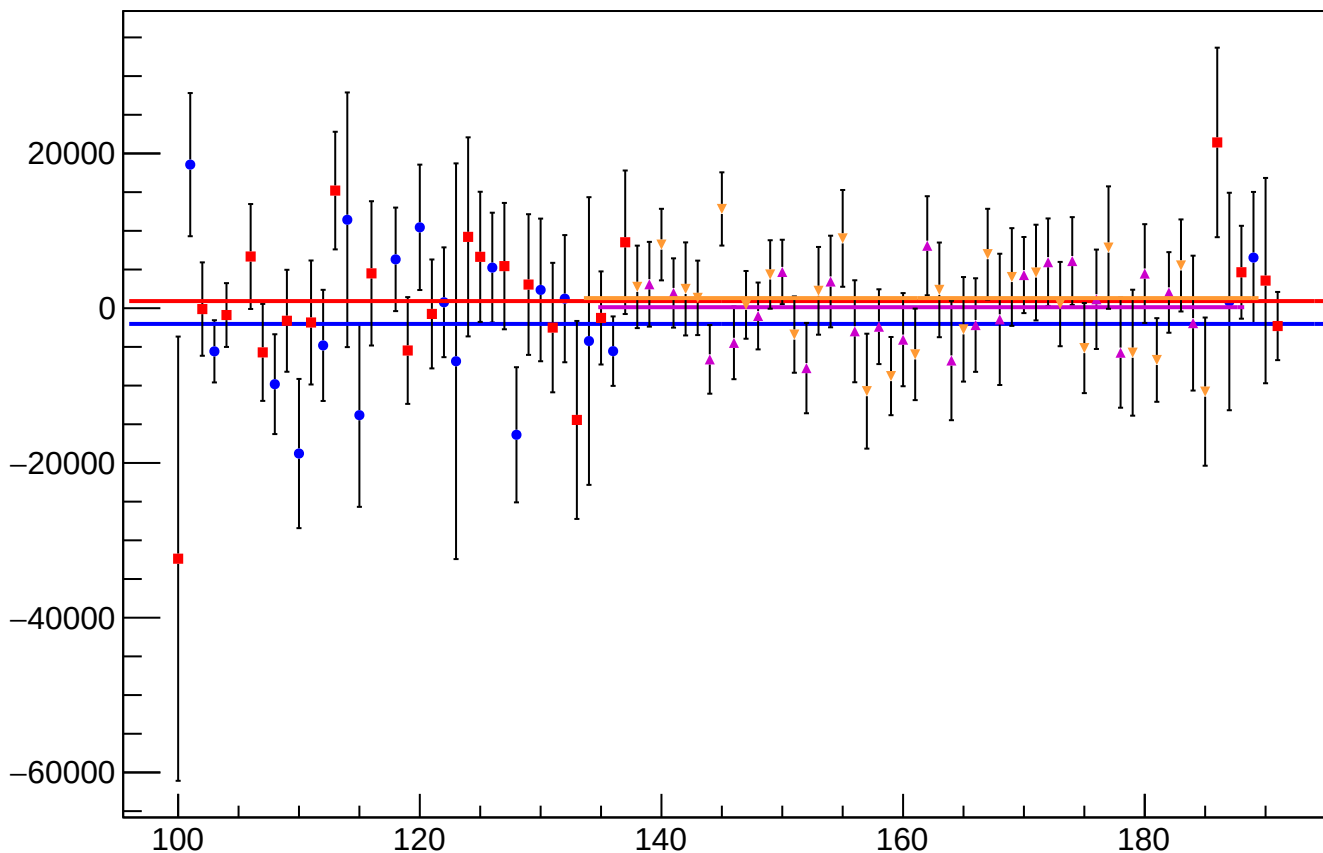
Left In: 4398.421+/-0.757 χ^2/NDF : 1278784.1/22

+ sign 4366.417+/-0.727 χ^2/NDF : 1360386.3/26

All: 8.741+/-0.010 χ^2/NDF : 75281559.6/53

- sign 7.904+/-0.010 χ^2/NDF : 38030003.1/26

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: 920.639 ± 1504.509 χ^2/NDF : 15.7/22

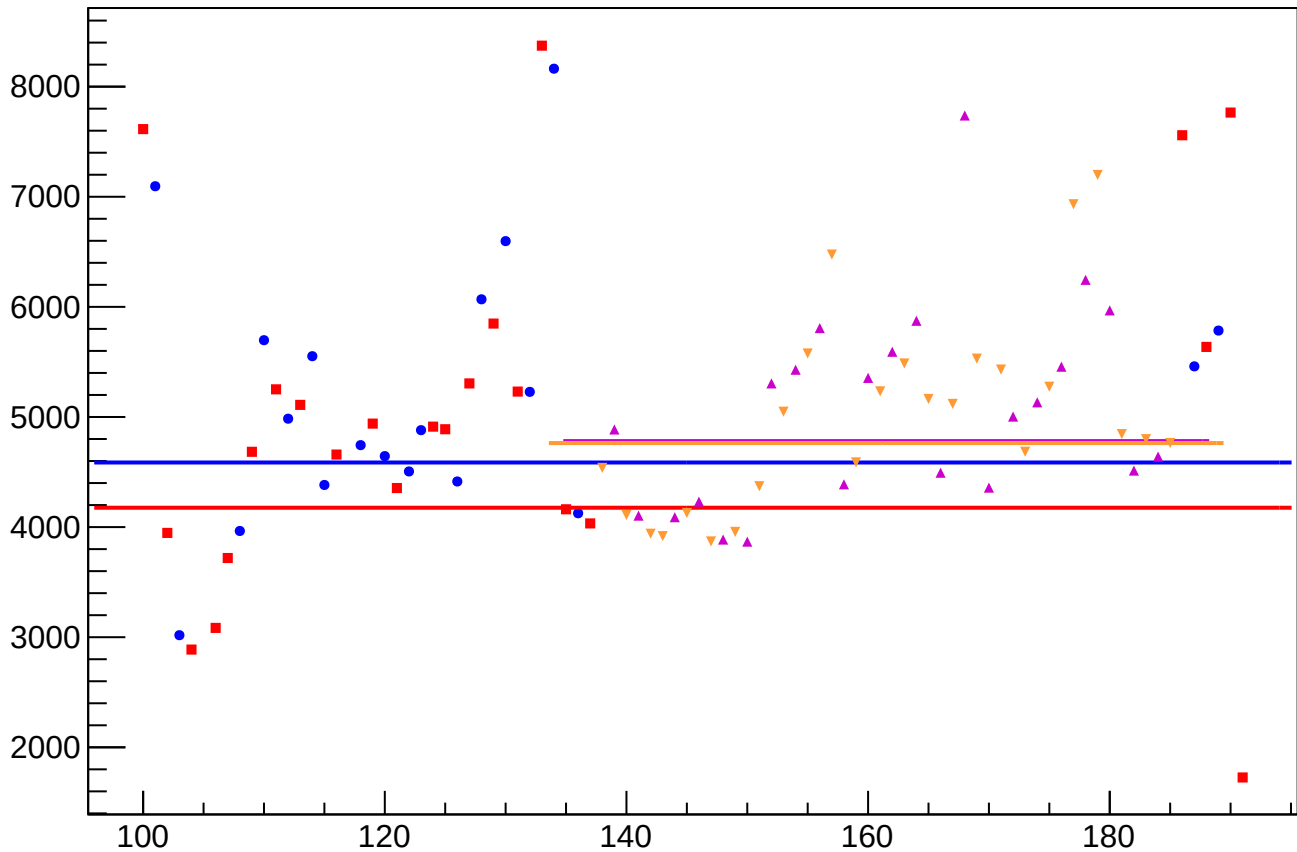
Left In: 131.428 ± 1157.282 χ^2/NDF : 14.9/22

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

All: 373.507 ± 659.687 χ^2/NDF : 83.4/89

- sign 424.805 ± 917.299 χ^2/NDF : 30.7/45

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: 4175.892+/-1.059 χ^2/NDF : 1817119.6/22

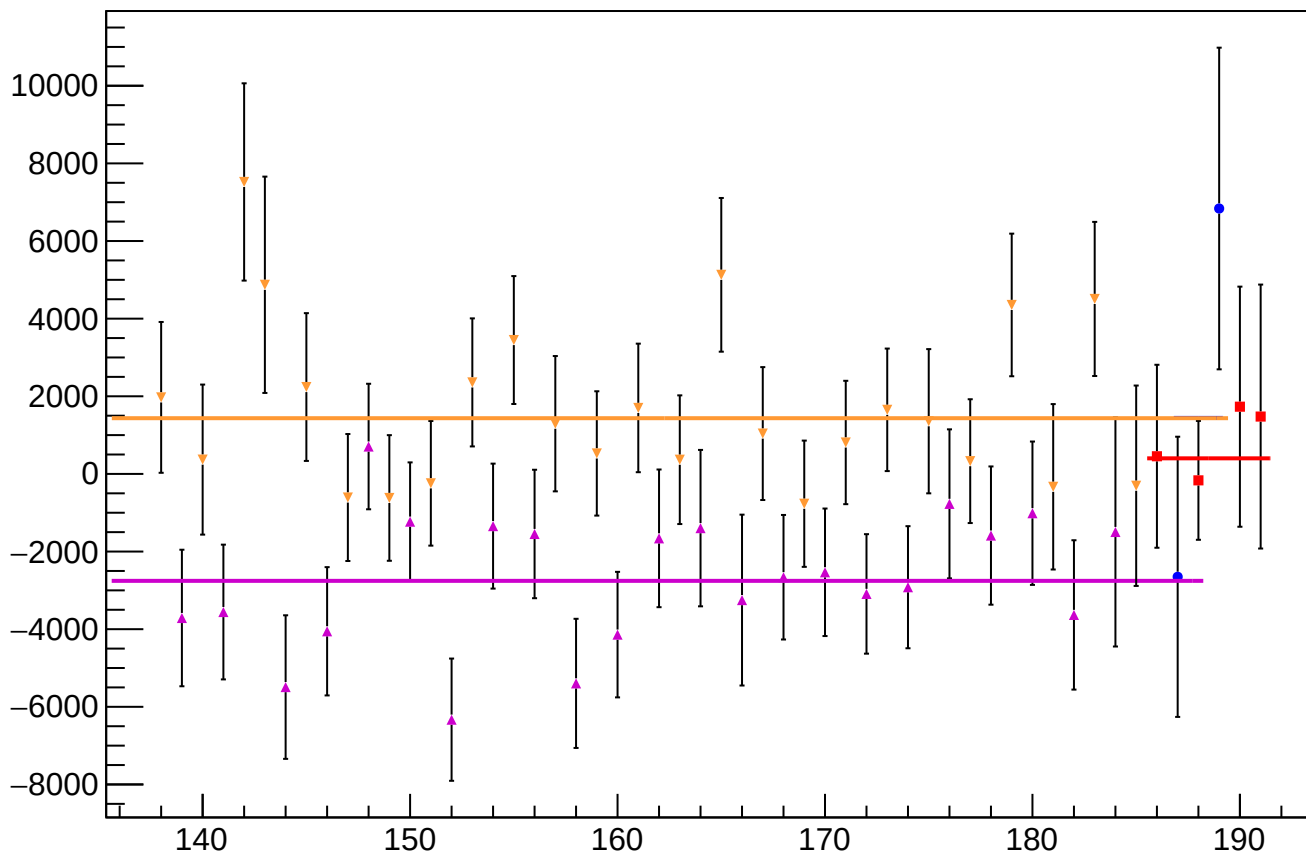
Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

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

All: 4630.110+/-0.466 χ^2/NDF : 4778055.1/89

- sign 4554.920+/-0.648 χ^2/NDF : 2973165.4/45

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1442.779 $\pm$ 2721.539 χ^2/NDF : 3.0/1

Left Out: 1435.504 $\pm$ 358.178 χ^2/NDF :26.7/24

Right Out: 401.423 $\pm$ 1119.814 χ^2/NDF : 0.4/3

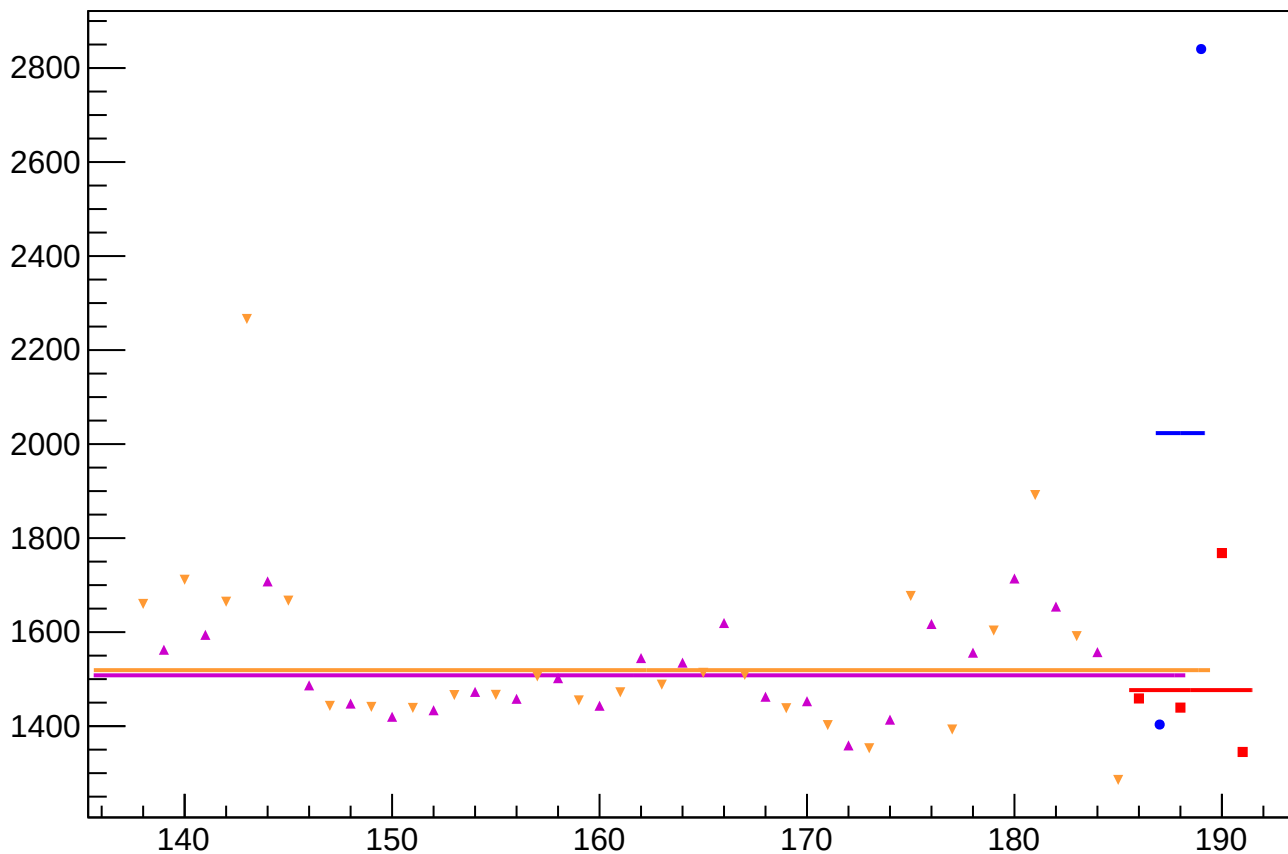
Left In: -2754.889 $\pm$ 361.672 χ^2/NDF :22.4/22

+ sign 1435.628 $\pm$ 355.116 χ^2/NDF : 29.7/26

All: -571.490 $\pm$ 247.143 χ^2/NDF : 121.6/53

- sign -2456.745 $\pm$ 344.166 χ^2/NDF : 30.0/26

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 2023.377+/-1.924 χ^2/NDF : 136768.3/1

Left Out: 1519.092+/-0.253 χ^2/NDF : 365839.2/24

Right Out: 1476.669+/-0.792 χ^2/NDF : 22063.5/3

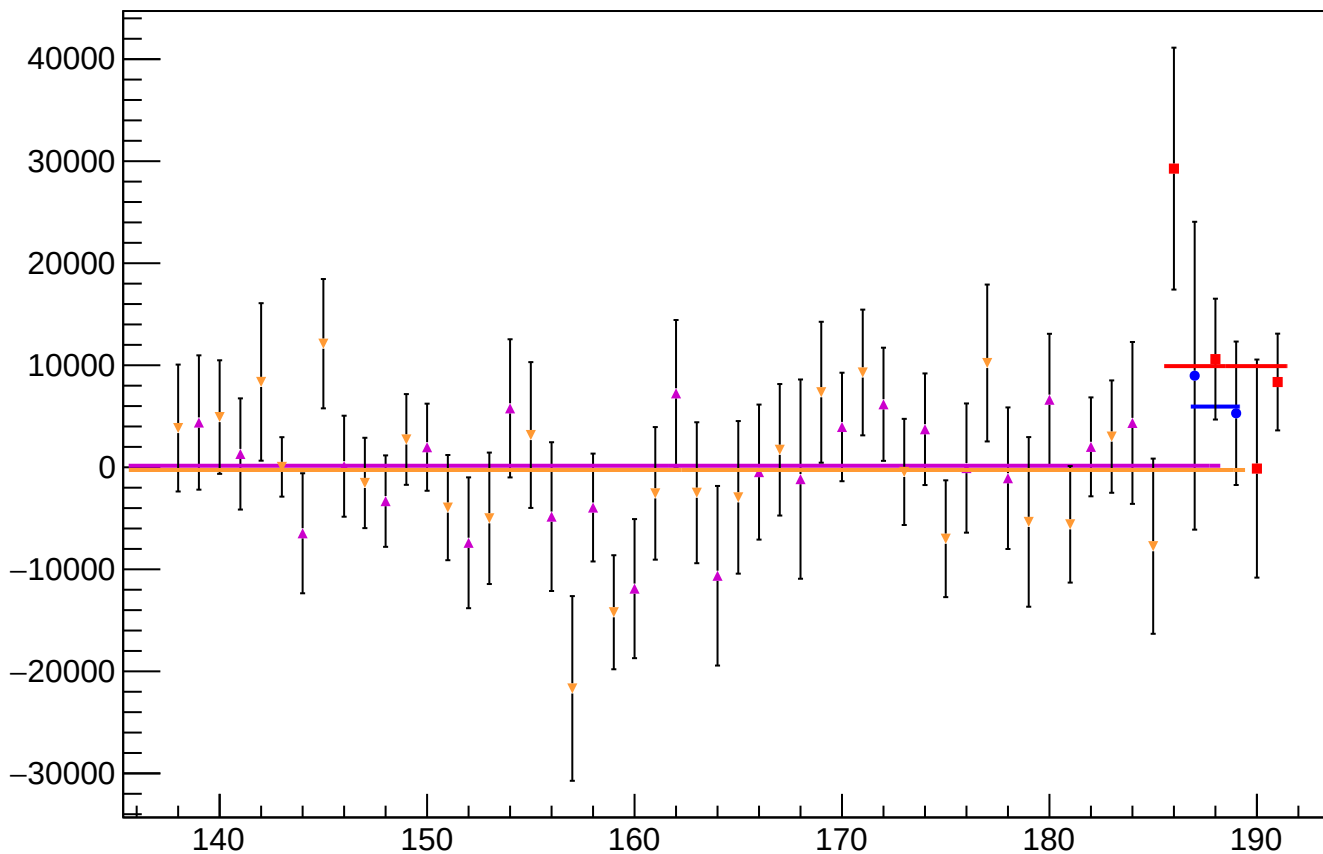
Left In: 1508.111+/-0.256 χ^2/NDF : 131488.7/22

+ sign 1527.678+/-0.251 χ^2/NDF : 570106.1/26

All: 1516.057+/-0.175 χ^2/NDF : 729239.7/53

- sign 1505.141+/-0.243 χ^2/NDF : 154979.9/26

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 5950.864 $\pm$ 6371.883 χ^2 /NDF: 0.0/1

Left Out: -264.324 $\pm$ 1151.119 χ^2 /NDF:29.7/24

Right Out: 9916.086 $\pm$ 3354.316 χ^2 /NDF: 3.7/3

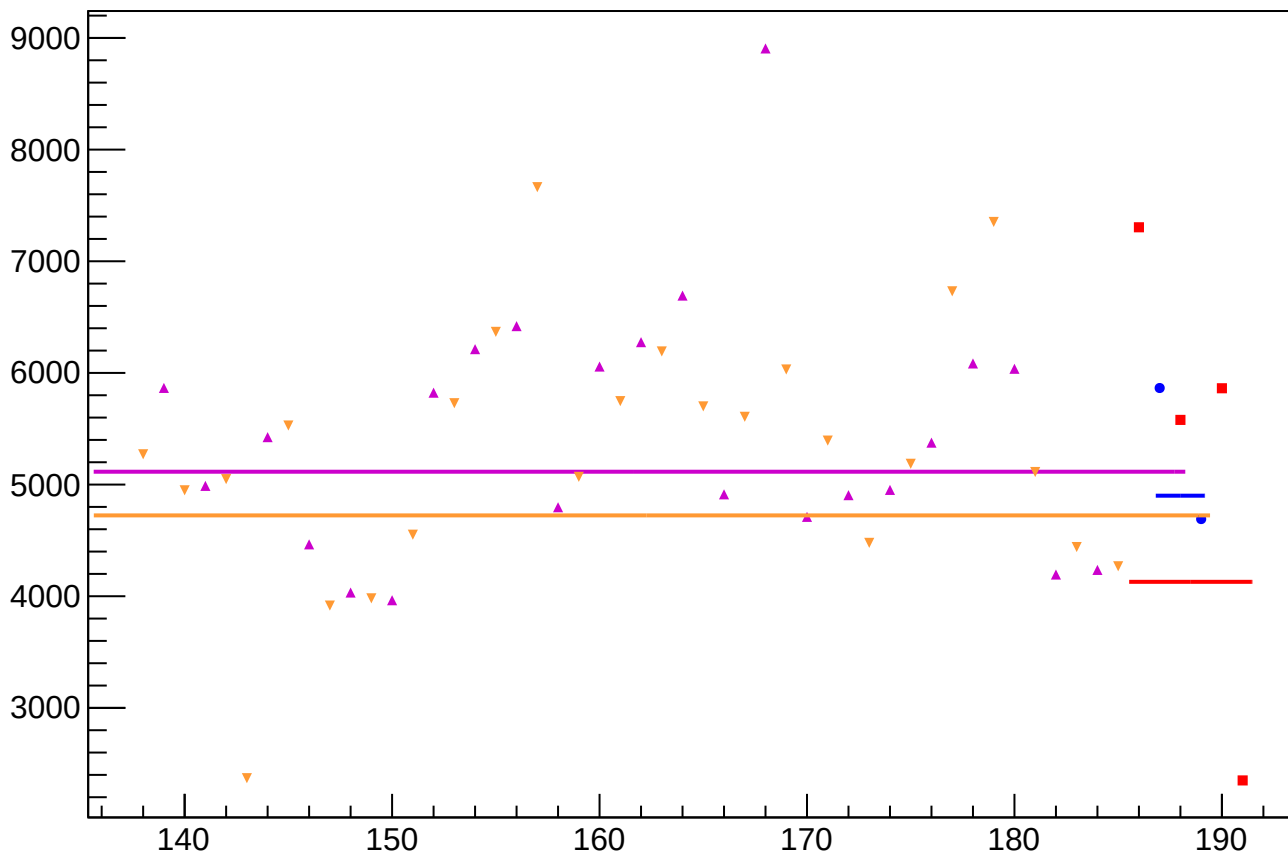
Left In: 151.239 $\pm$ 1241.800 χ^2 /NDF:14.9/22

+ sign -67.892 $\pm$ 1132.782 χ^2 /NDF: 30.7/26

All: 610.871 $\pm$ 811.999 χ^2 /NDF: 57.4/53

- sign 1328.246 $\pm$ 1164.557 χ^2 /NDF: 26.0/26

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 4900.489+/-4.506 χ^2/NDF : 9945.9/1

Left Out: 4724.027+/-0.814 χ^2/NDF : 2537532.1/24

Right Out: 4129.021+/-2.372 χ^2/NDF : 597568.3/3

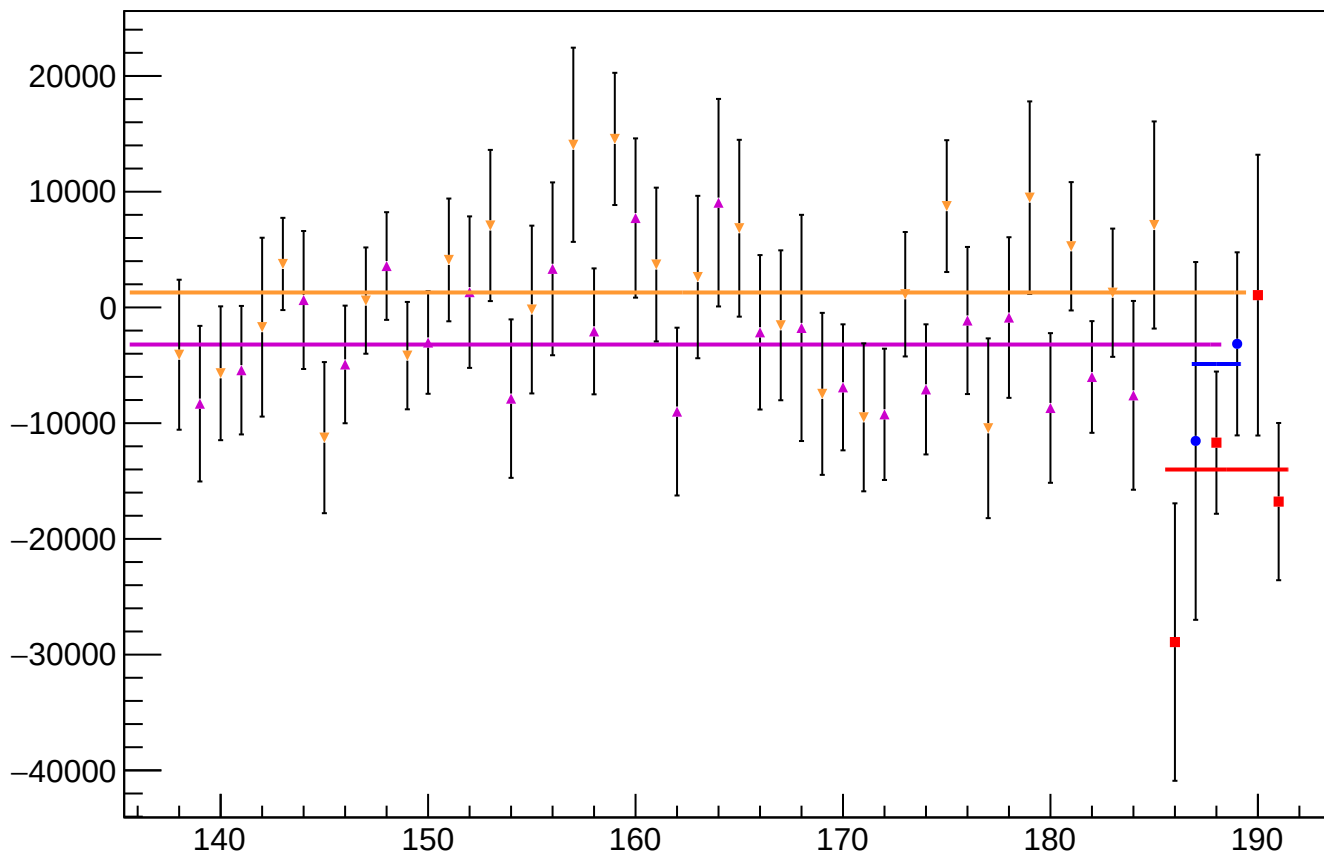
Left In: 5115.139+/-0.878 χ^2/NDF : 1131347.2/22

+ sign 4729.604+/-0.801 χ^2/NDF : 2548963.5/26

All: 4859.253+/-0.574 χ^2/NDF : 4483785.5/53

- sign 4996.277+/-0.823 χ^2/NDF : 1880934.8/26

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -4887.703 $\pm$ 7041.812 χ^2 /NDF: 0.2/1

Left Out: 1292.246 $\pm$ 1215.761 χ^2 /NDF:27.8/24

Right Out: -14005.219 $\pm$ 4019.033 χ^2 /NDF: 3.4/3

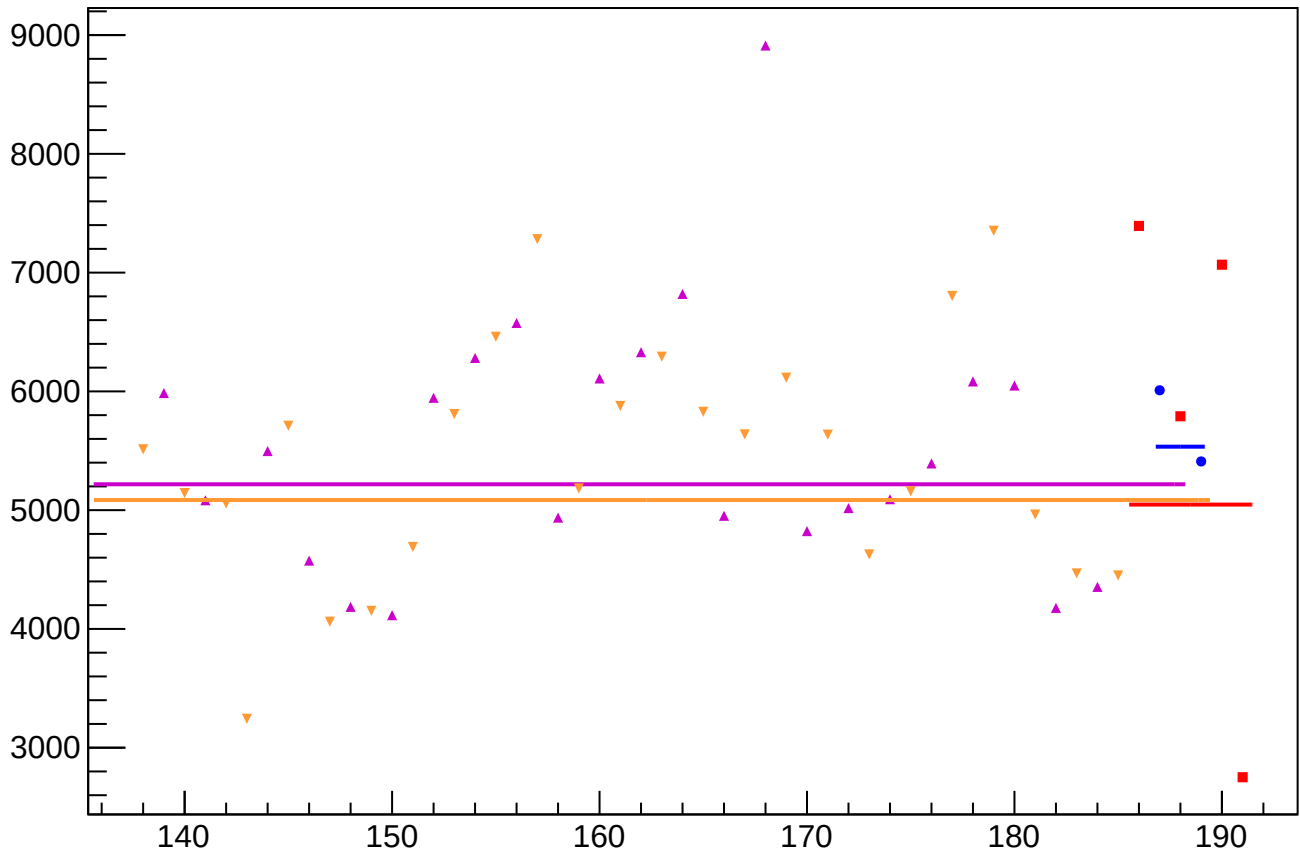
Left In: -3205.363 $\pm$ 1265.586 χ^2 /NDF:13.9/22

+ sign 1113.368 $\pm$ 1198.037 χ^2 /NDF: 28.8/26

All: -1513.099 $\pm$ 850.344 χ^2 /NDF: 62.3/53

- sign -4179.673 $\pm$ 1207.150 χ^2 /NDF: 23.8/26

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: 5046.985 +/- 2.842 χ^2/NDF : 389722.9/3

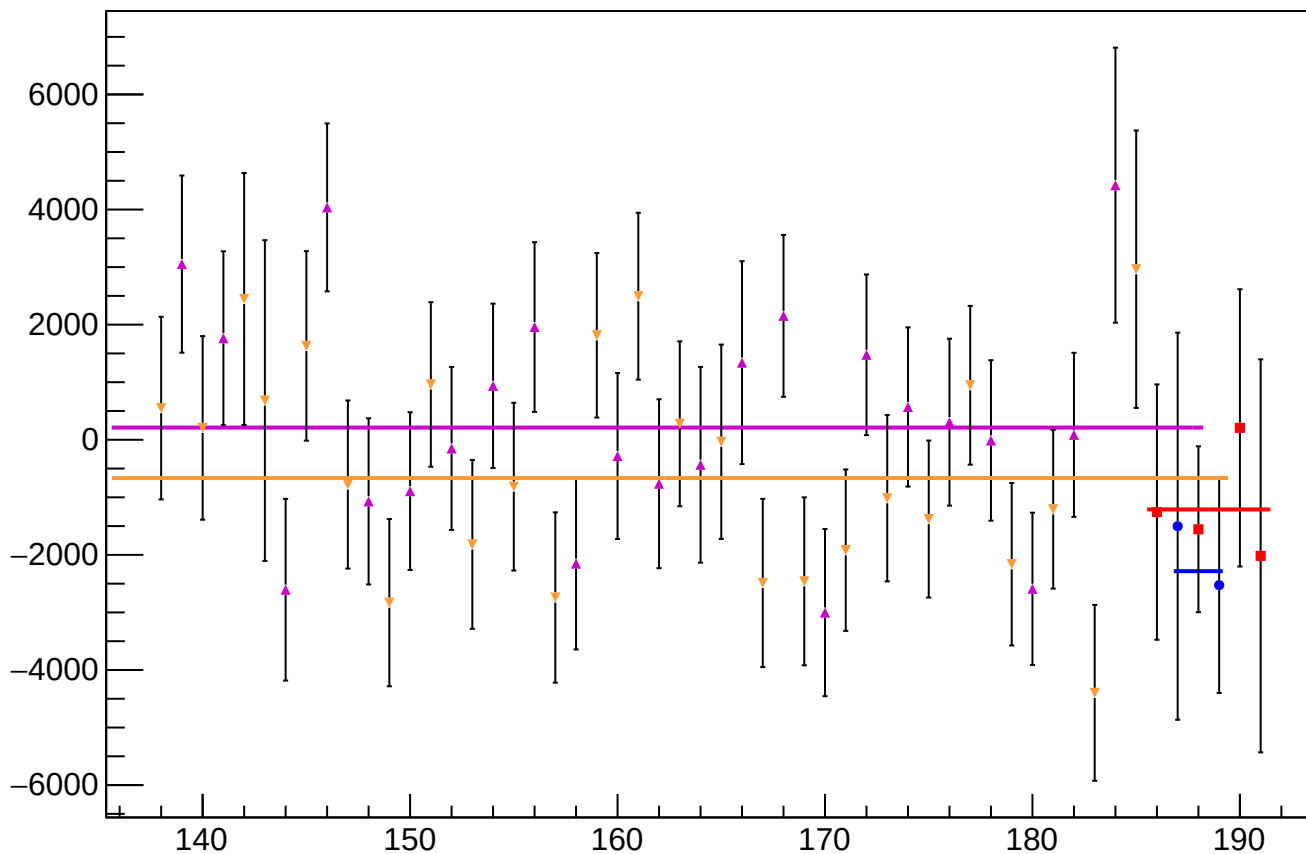
Left In: 5217.971 +/- 0.895 χ^2/NDF : 1058996.1/22

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

All: 5150.033 +/- 0.601 χ^2/NDF : 2826508.9/53

- sign 5202.546 +/- 0.854 χ^2/NDF : 1452012.4/26

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -2283.368 $\pm$ 1636.274 χ^2 /NDF: 0.1/1

Left Out: -664.362 $\pm$ 305.119 χ^2 /NDF:34.6/24

Right Out: -1210.445 $\pm$ 1030.037 χ^2 /NDF: 0.5/3

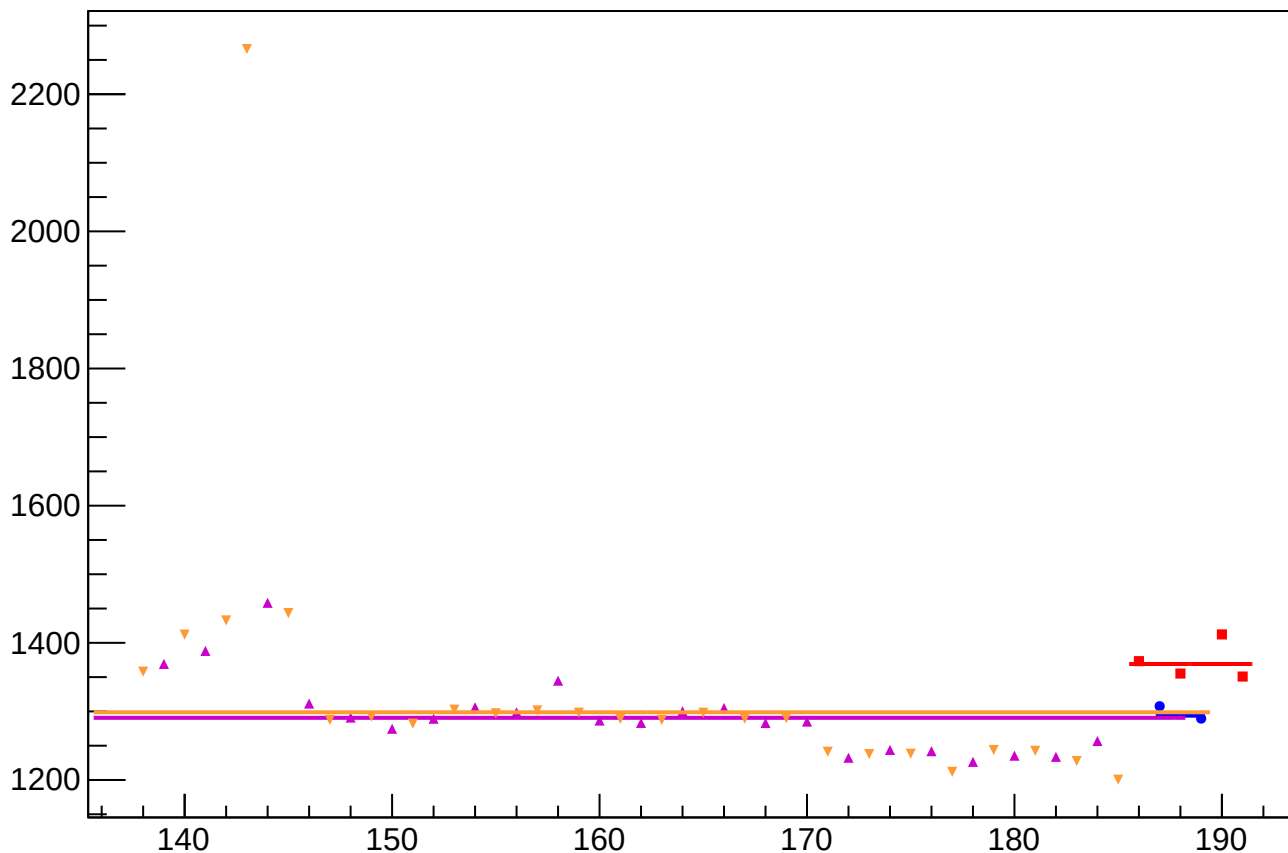
Left In: 212.071 $\pm$ 308.597 χ^2 /NDF:36.6/22

+ sign -718.766 $\pm$ 299.949 χ^2 /NDF: 35.6/26

All: -306.011 $\pm$ 210.547 χ^2 /NDF: 78.2/53

- sign 94.904 $\pm$ 295.615 χ^2 /NDF: 38.8/26

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1293.801+/-1.157 χ^2/NDF : 44.1/1

Left Out: 1298.743+/-0.216 χ^2/NDF : 310344.8/24

Right Out: 1369.138+/-0.728 χ^2/NDF : 892.6/3

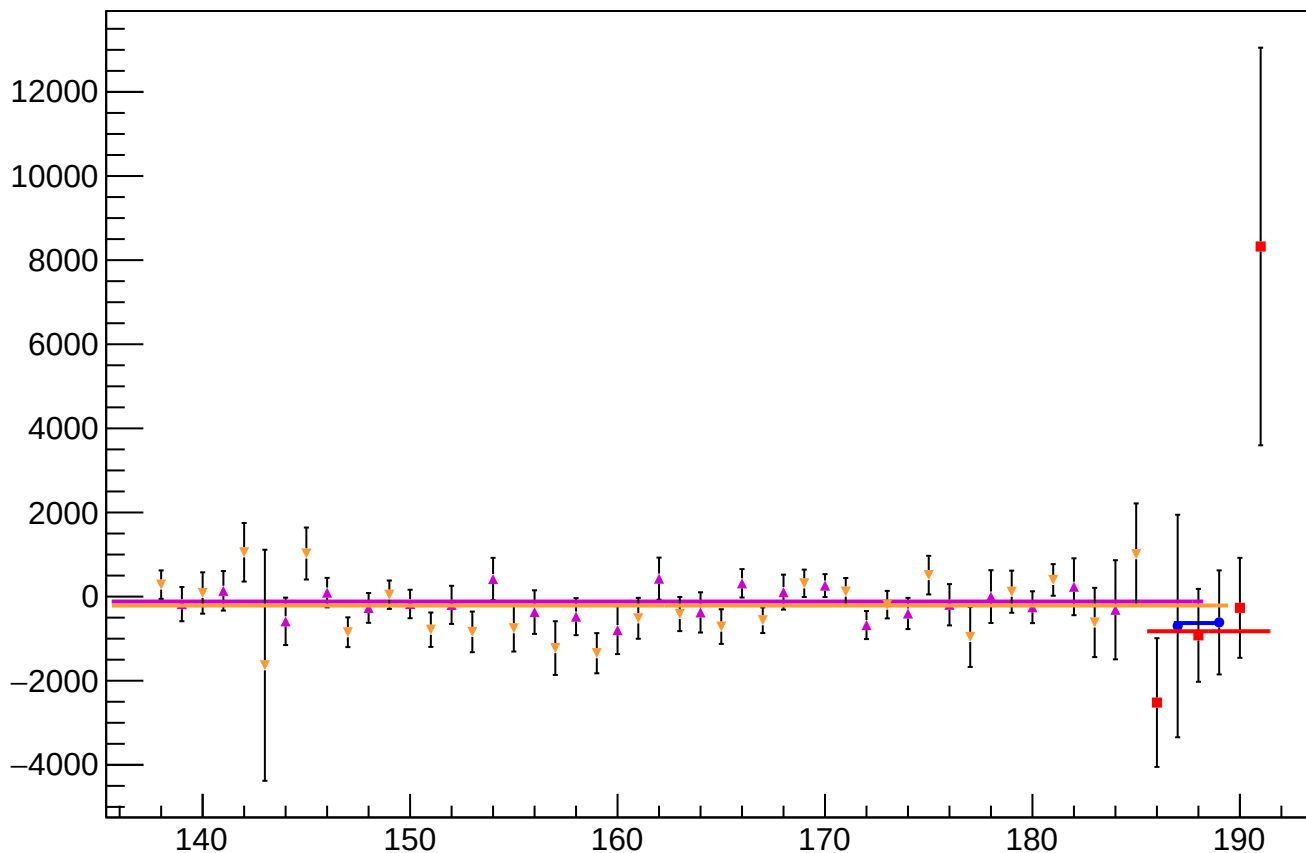
Left In: 1290.644+/-0.218 χ^2/NDF : 59427.8/22

+ sign 1298.577+/-0.212 χ^2/NDF : 310406.5/26

All: 1297.833+/-0.149 χ^2/NDF : 381408.9/53

- sign 1297.110+/-0.209 χ^2/NDF : 70978.1/26

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -628.576 ± 1120.695 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -211.646 ± 87.670 $\chi^2/\text{NDF}: 41.7/24$

Right Out: -823.576 ± 707.340 $\chi^2/\text{NDF}: 5.2/3$

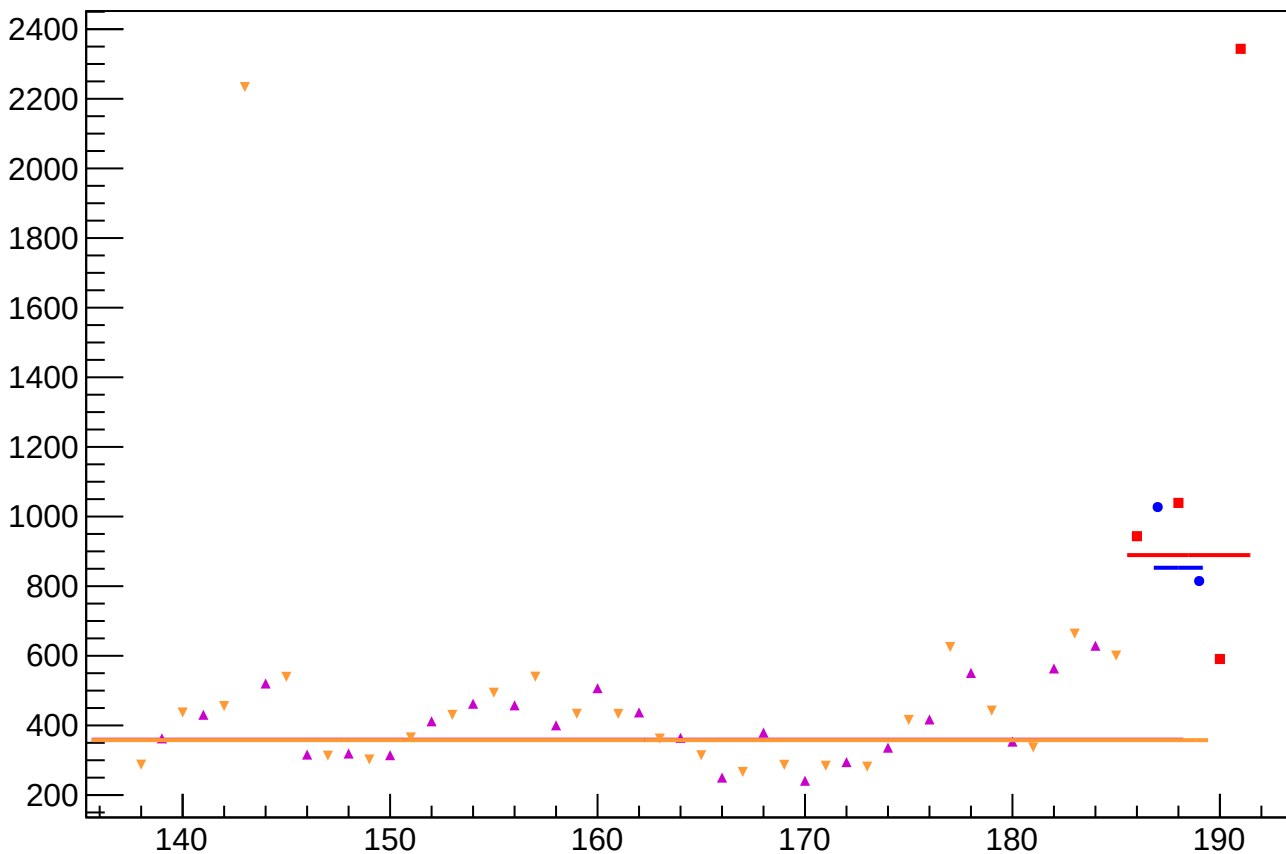
Left In: -117.113 ± 88.214 $\chi^2/\text{NDF}: 14.3/22$

+ sign -214.182 ± 87.403 $\chi^2/\text{NDF}: 41.8/26$

All: -171.123 ± 61.850 $\chi^2/\text{NDF}: 62.8/53$

- sign -127.933 ± 87.536 $\chi^2/\text{NDF}: 20.5/26$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 852.930+/-0.792 χ^2/NDF : 10585.3/1

Left Out: 357.749+/-0.062 χ^2/NDF : 3042055.7/24

Right Out: 889.253+/-0.500 χ^2/NDF : 354684.2/3

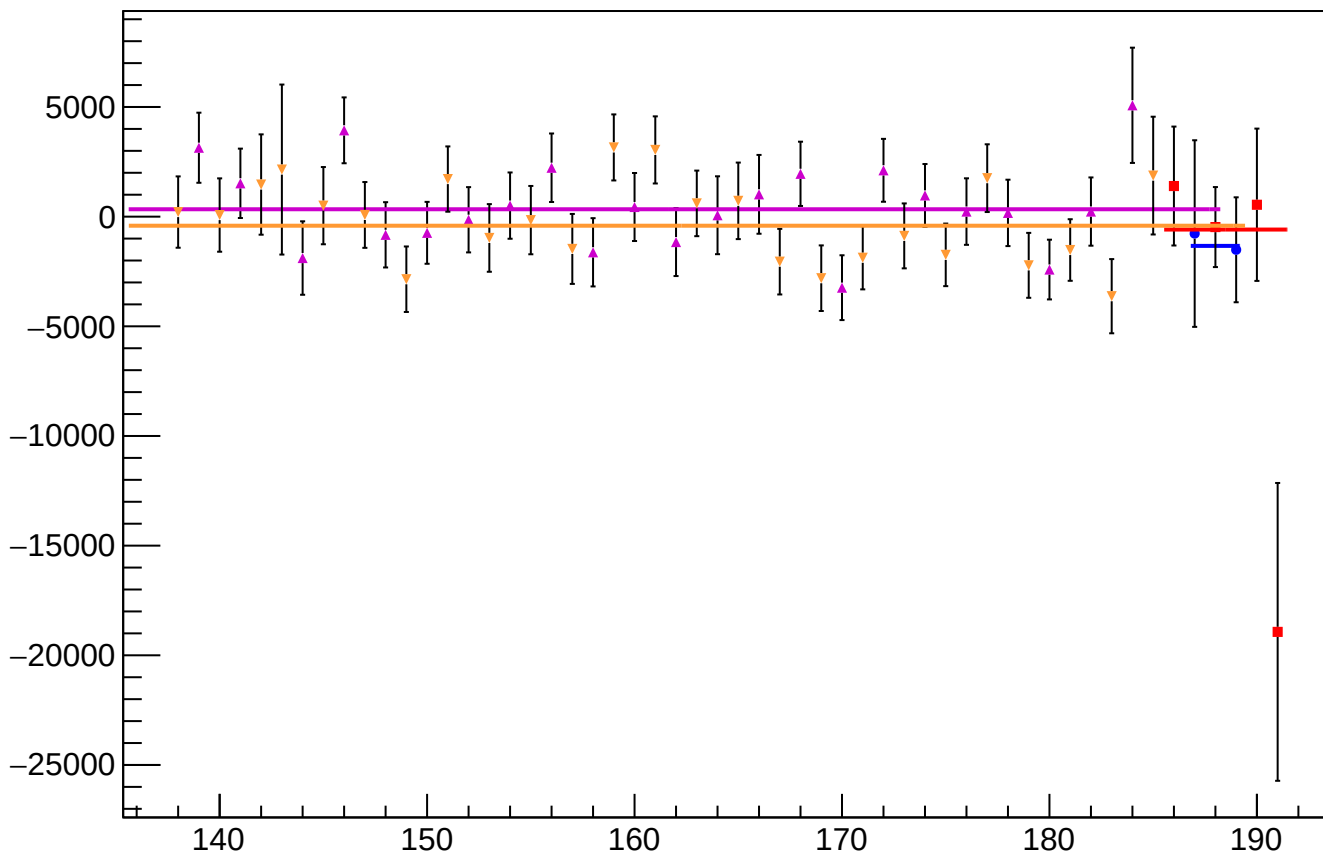
Left In: 359.000+/-0.062 χ^2/NDF : 1858849.9/22

+ sign 360.761+/-0.062 χ^2/NDF : 3440731.2/26

All: 363.936+/-0.044 χ^2/NDF : 6766270.1/53

- sign 367.121+/-0.062 χ^2/NDF : 3320252.1/26

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1333.108 $\pm$ 2085.300 χ^2 /NDF: 0.0/1

Left Out: -413.407 $\pm$ 320.677 χ^2 /NDF:32.8/24

Right Out: -588.489 $\pm$ 1359.370 χ^2 /NDF: 7.9/3

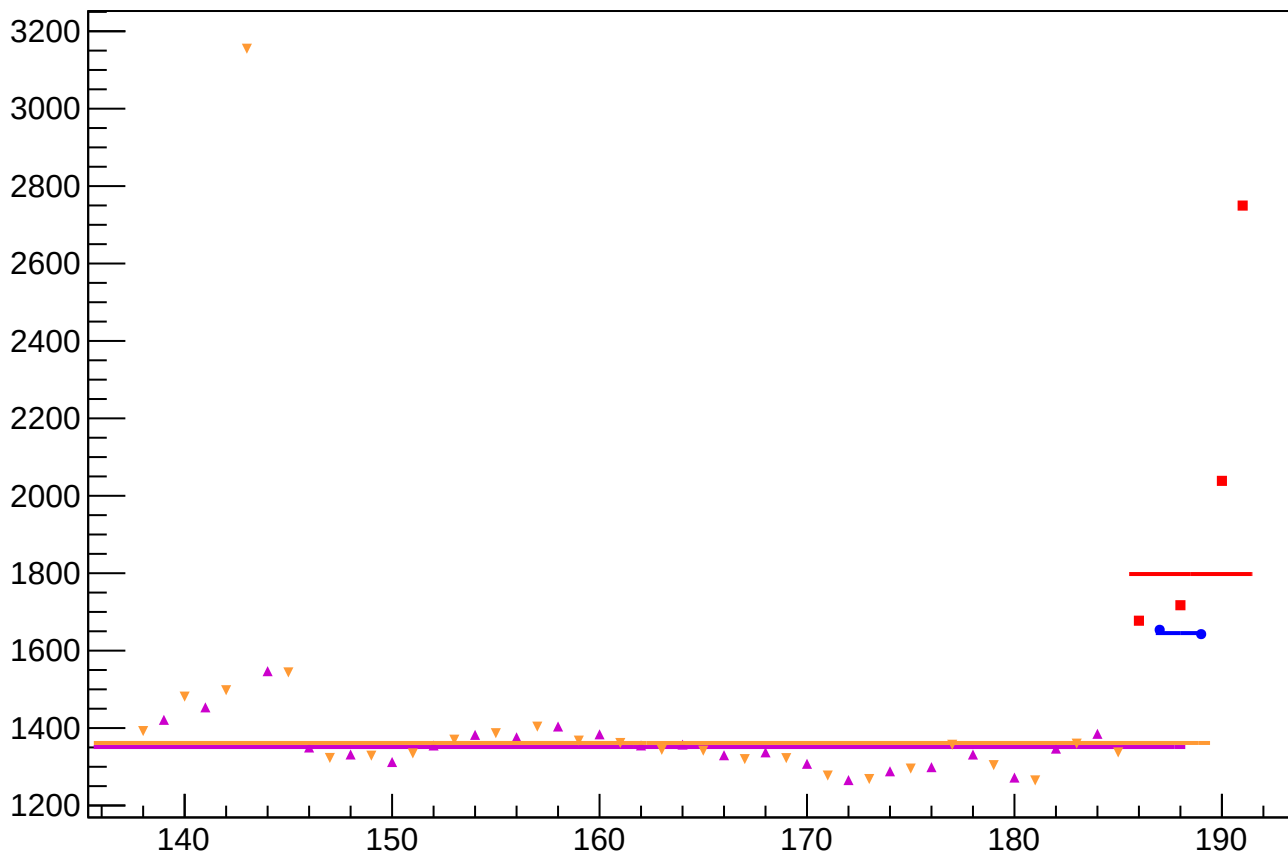
Left In: 337.193 $\pm$ 323.023 χ^2 /NDF:32.8/22

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

All: -70.403 $\pm$ 223.165 χ^2 /NDF: 76.8/53

- sign 287.716 $\pm$ 314.272 χ^2 /NDF: 41.2/26

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: 1797.890+/-0.961 χ^2/NDF : 56773.8/3

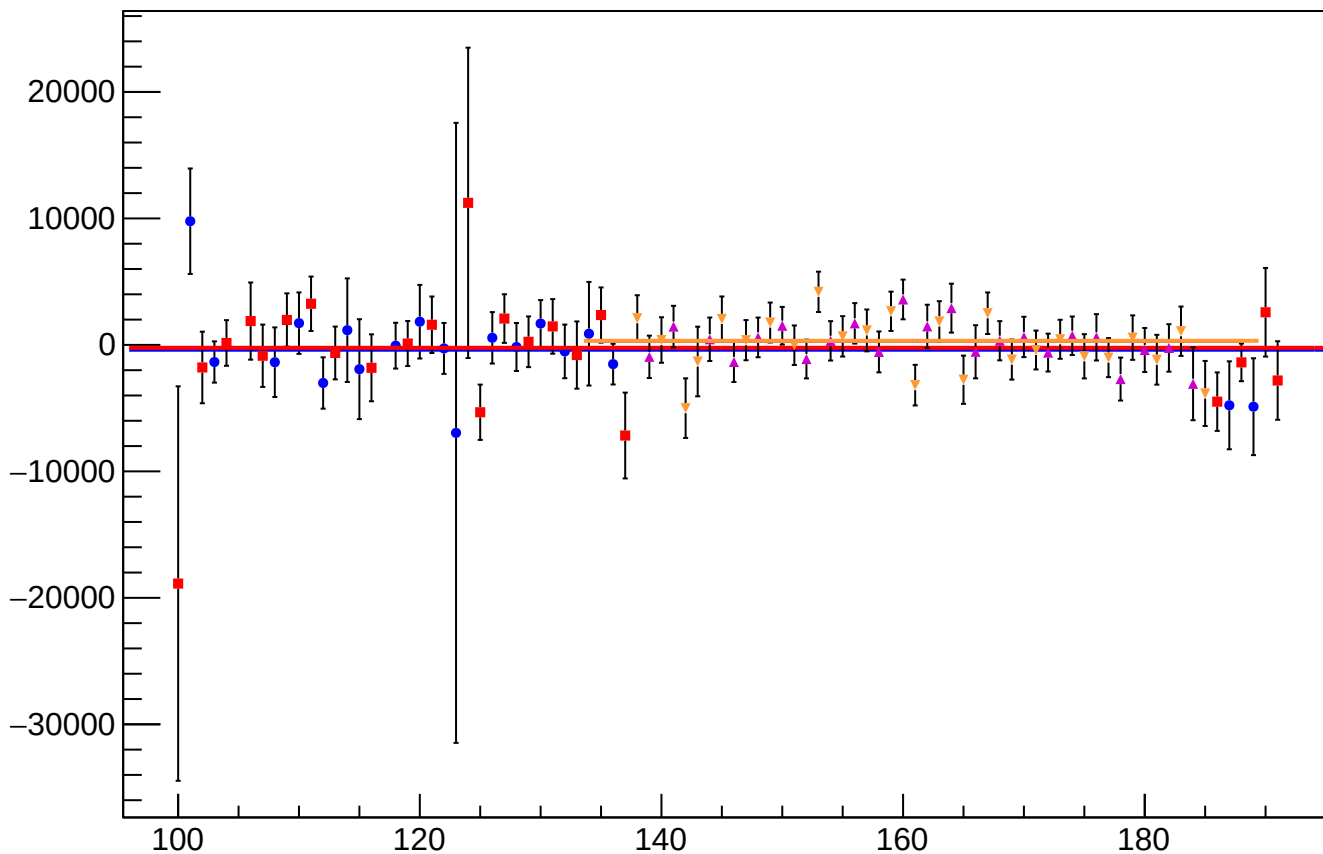
Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

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

All: 1371.511+/-0.158 χ^2/NDF : 874880.4/53

- sign 1374.897+/-0.222 χ^2/NDF : 330338.2/26

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -381.210 ± 542.215 χ^2/NDF : 14.9/18

Left Out: 320.058 ± 344.642 χ^2/NDF : 32.4/24

Right Out: -230.192 ± 485.013 χ^2/NDF : 26.5/22

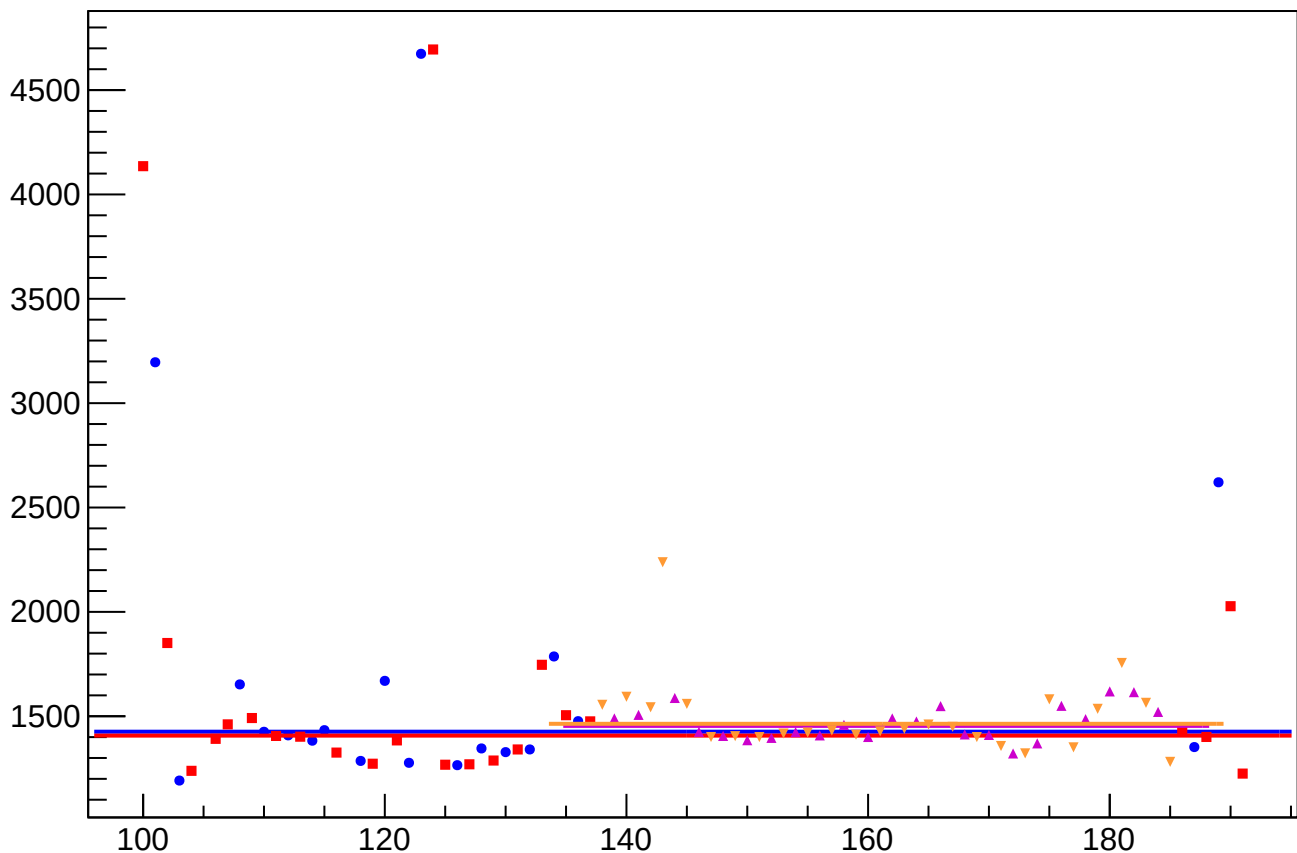
Left In: 310.833 ± 348.292 χ^2/NDF : 16.8/22

+ sign 118.265 ± 290.859 χ^2/NDF : 48.5/43

All: 122.630 ± 202.798 χ^2/NDF : 92.7/89

- sign 126.760 ± 282.904 χ^2/NDF : 44.2/45

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1425.920+/-0.383 χ^2/NDF : 725584.4/18

Left Out: 1463.714+/-0.244 χ^2/NDF : 310491.4/24

Right Out: 1407.139+/-0.343 χ^2/NDF : 423773.3/22

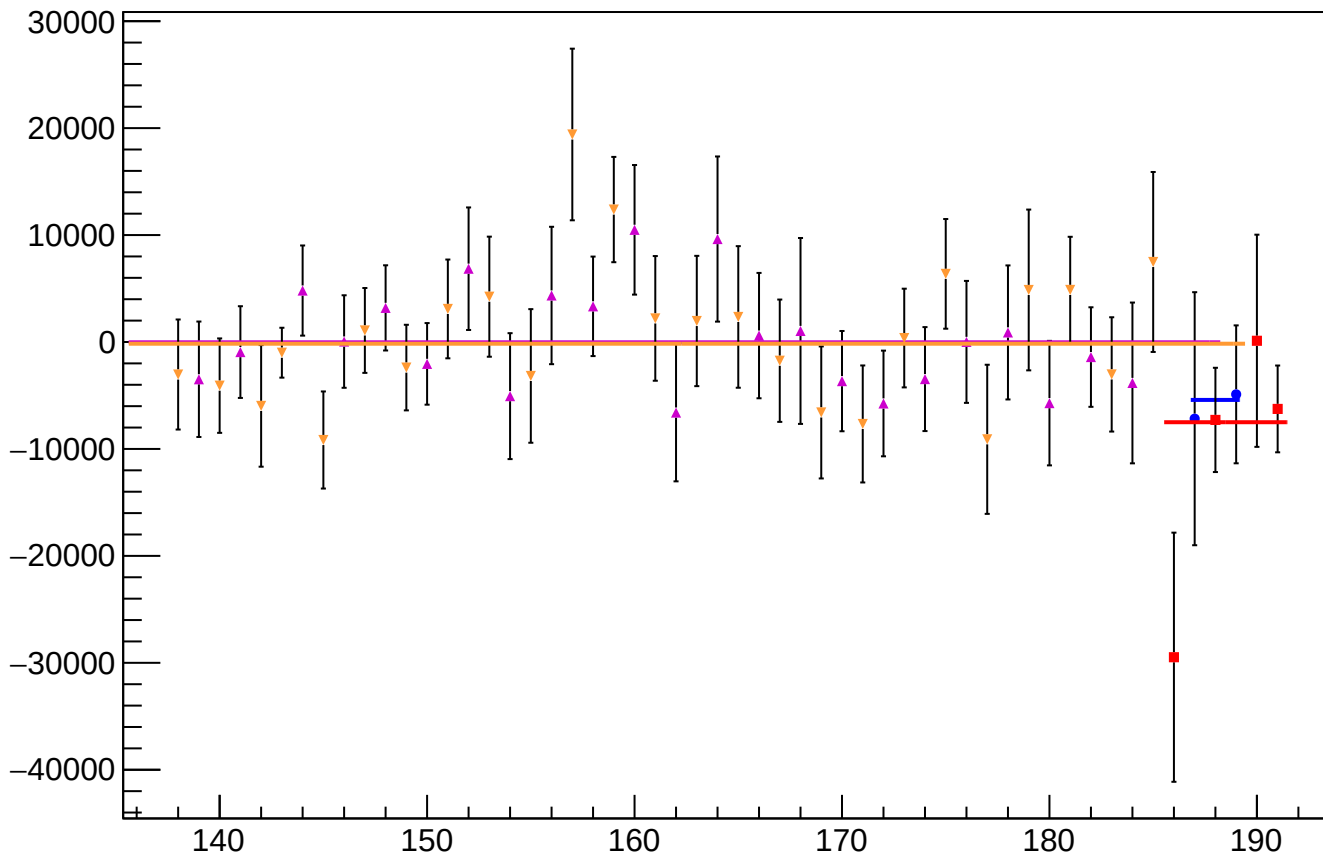
Left In: 1453.763+/-0.246 χ^2/NDF : 99224.2/22

+ sign 1452.838+/-0.206 χ^2/NDF : 1042996.8/43

All: 1445.156+/-0.143 χ^2/NDF : 1580910.2/89

- sign 1437.890+/-0.200 χ^2/NDF : 535198.6/45

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -5416.337 $\pm$ 5662.235 χ^2 /NDF: 0.0/1

Left Out: -160.118 $\pm$ 989.347 χ^2 /NDF: 29.7/24

Right Out: -7501.071 $\pm$ 2882.773 χ^2 /NDF: 4.2/3

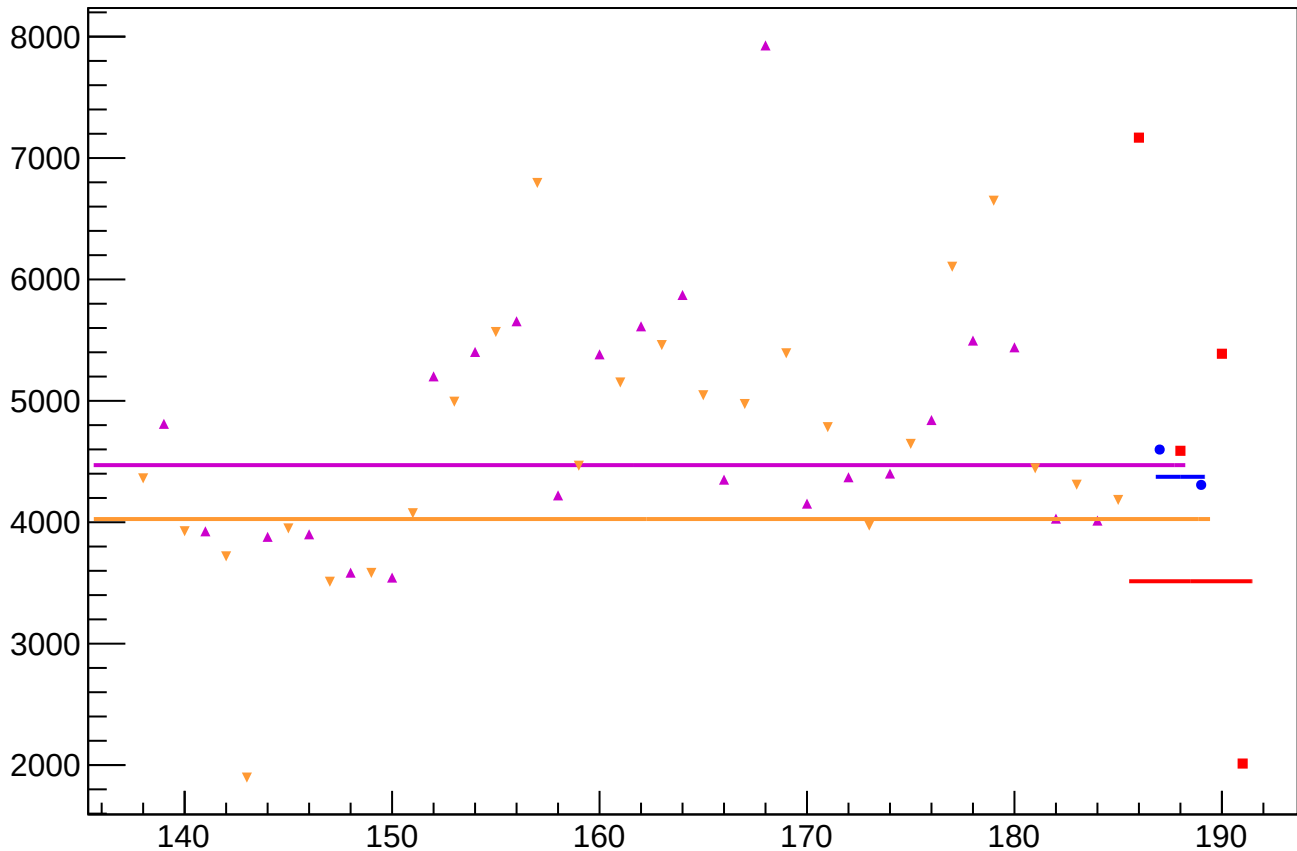
Left In: -26.926 $\pm$ 1085.415 χ^2 /NDF: 15.3/22

+ sign -315.835 $\pm$ 974.582 χ^2 /NDF: 30.6/26

All: -622.159 $\pm$ 703.253 χ^2 /NDF: 56.2/53

- sign -954.941 $\pm$ 1015.798 χ^2 /NDF: 25.4/26

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4374.454 $\pm$ 4.004 χ^2 /NDF: 933.0/1

Left Out: 4026.447 $\pm$ 0.700 χ^2 /NDF: 3071265.0/24

Right Out: 3514.030 $\pm$ 2.038 χ^2 /NDF: 639156.6/3

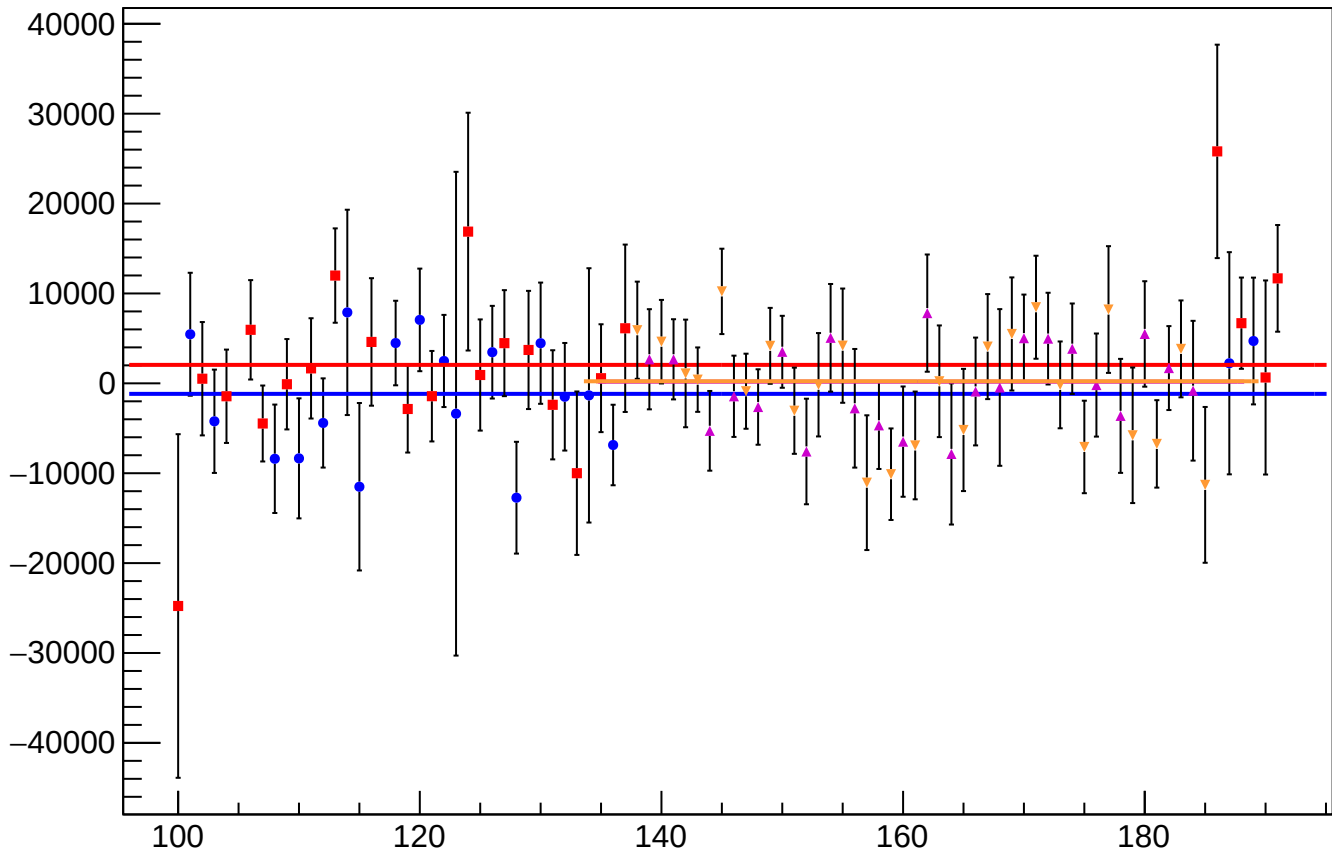
Left In: 4470.490 $\pm$ 0.768 χ^2 /NDF: 1132495.2/22

+ sign 4036.757 $\pm$ 0.689 χ^2 /NDF: 3079529.2/26

All: 4187.725 $\pm$ 0.497 χ^2 /NDF: 5144135.8/53

- sign 4351.733 $\pm$ 0.718 χ^2 /NDF: 1964478.1/26

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: 2053.435 ± 1281.639 $\chi^2/\text{NDF}: 22.3/22$

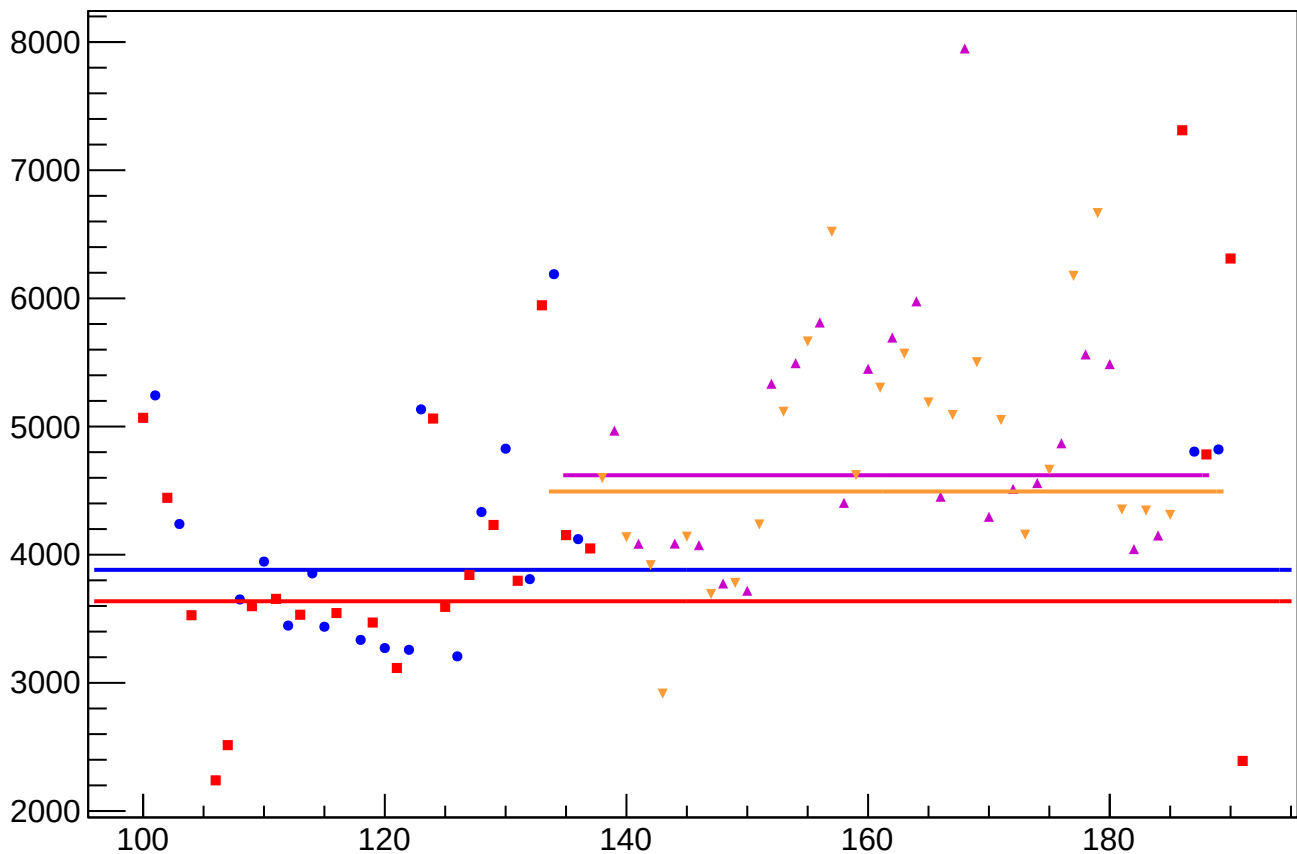
Left In: 185.280 ± 1119.296 $\chi^2/\text{NDF}: 14.3/22$

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

All: 380.553 ± 603.427 $\chi^2/\text{NDF}: 85.1/89$

- sign 993.614 ± 843.053 $\chi^2/\text{NDF}: 37.8/45$

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: 3636.726+/-0.899 χ^2/NDF : 1072309.4/22

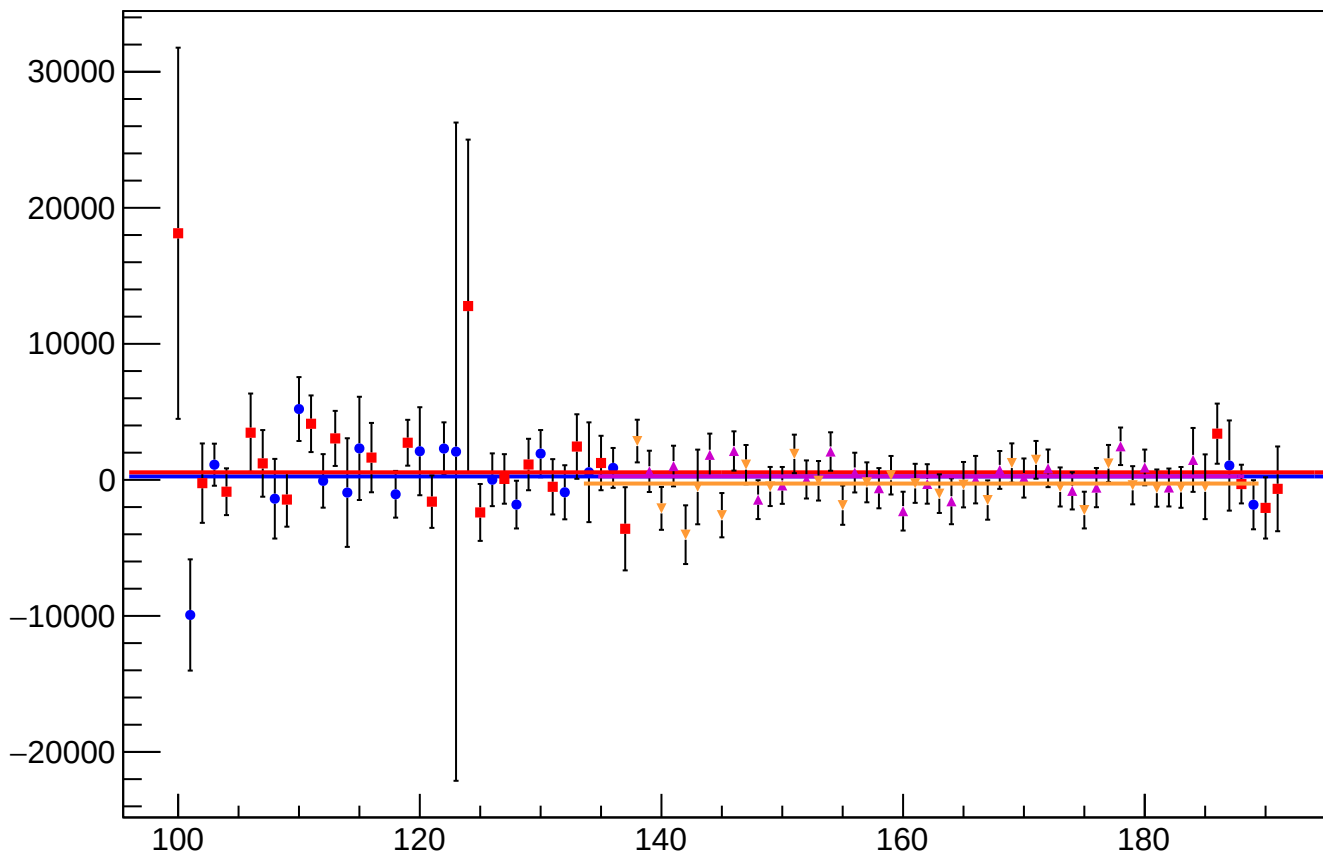
Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

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

All: 4233.124+/-0.426 χ^2/NDF : 4679969.6/89

- sign 4190.702+/-0.594 χ^2/NDF : 2748033.9/45

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 253.459 $\pm$ 500.915 χ^2 /NDF: 18.0/18

Left Out: -270.523 $\pm$ 302.030 χ^2 /NDF:22.2/24

Right Out: 555.618 $\pm$ 454.514 χ^2 /NDF: 21.6/22

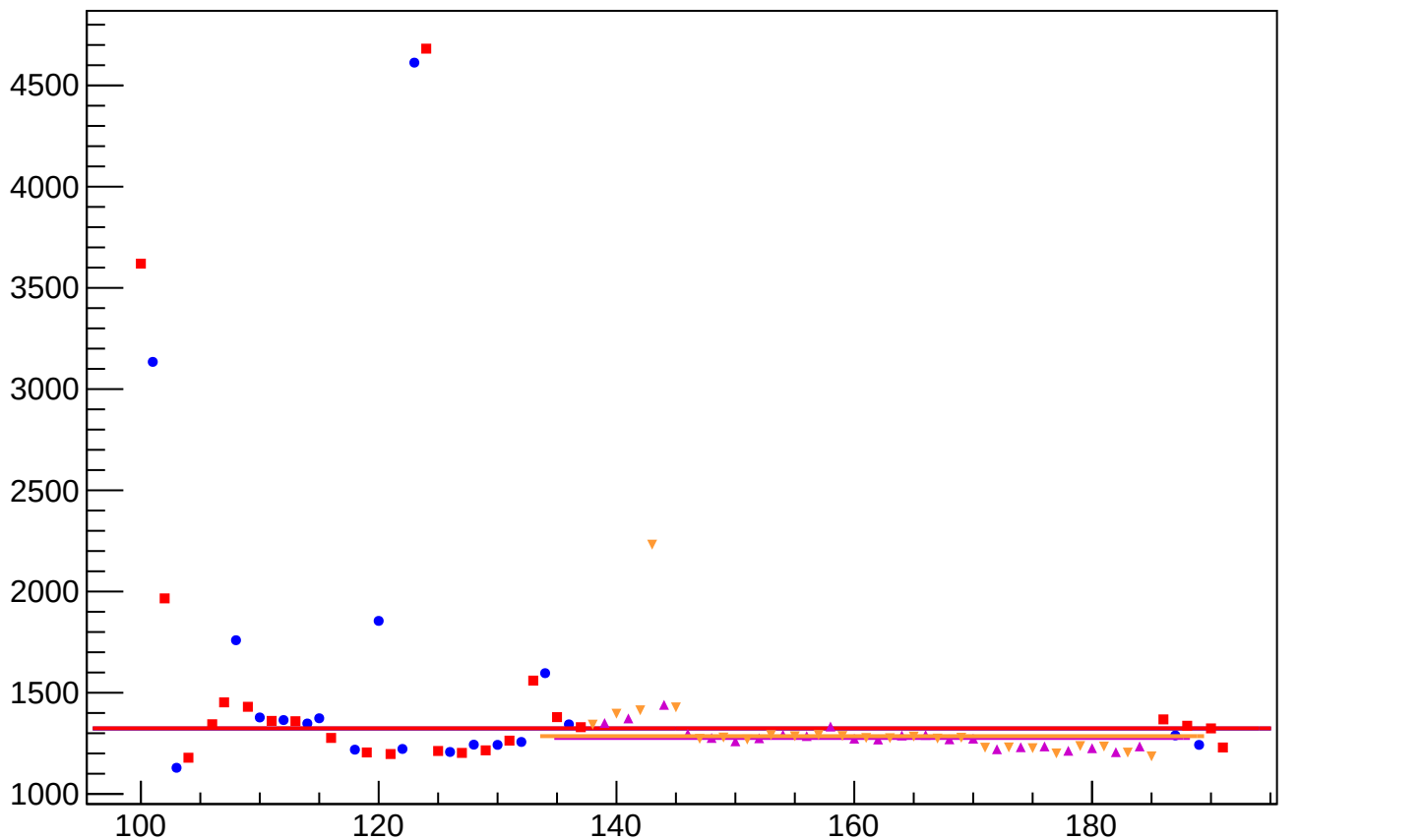
Left In: 258.285 $\pm$ 305.289 χ^2 /NDF:16.0/22

+ sign -130.817 $\pm$ 258.651 χ^2 /NDF: 41.0/43

All: 114.865 $\pm$ 181.019 χ^2 /NDF: 80.7/89

- sign 350.724 $\pm$ 253.428 χ^2 /NDF: 37.9/45

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1323.122 $\pm$ 0.354 χ^2 /NDF: 608112.6/18

Left Out: 1285.574 $\pm$ 0.214 χ^2 /NDF: 306057.6/24

Right Out: 1324.157 $\pm$ 0.321 χ^2 /NDF: 397237.8/22

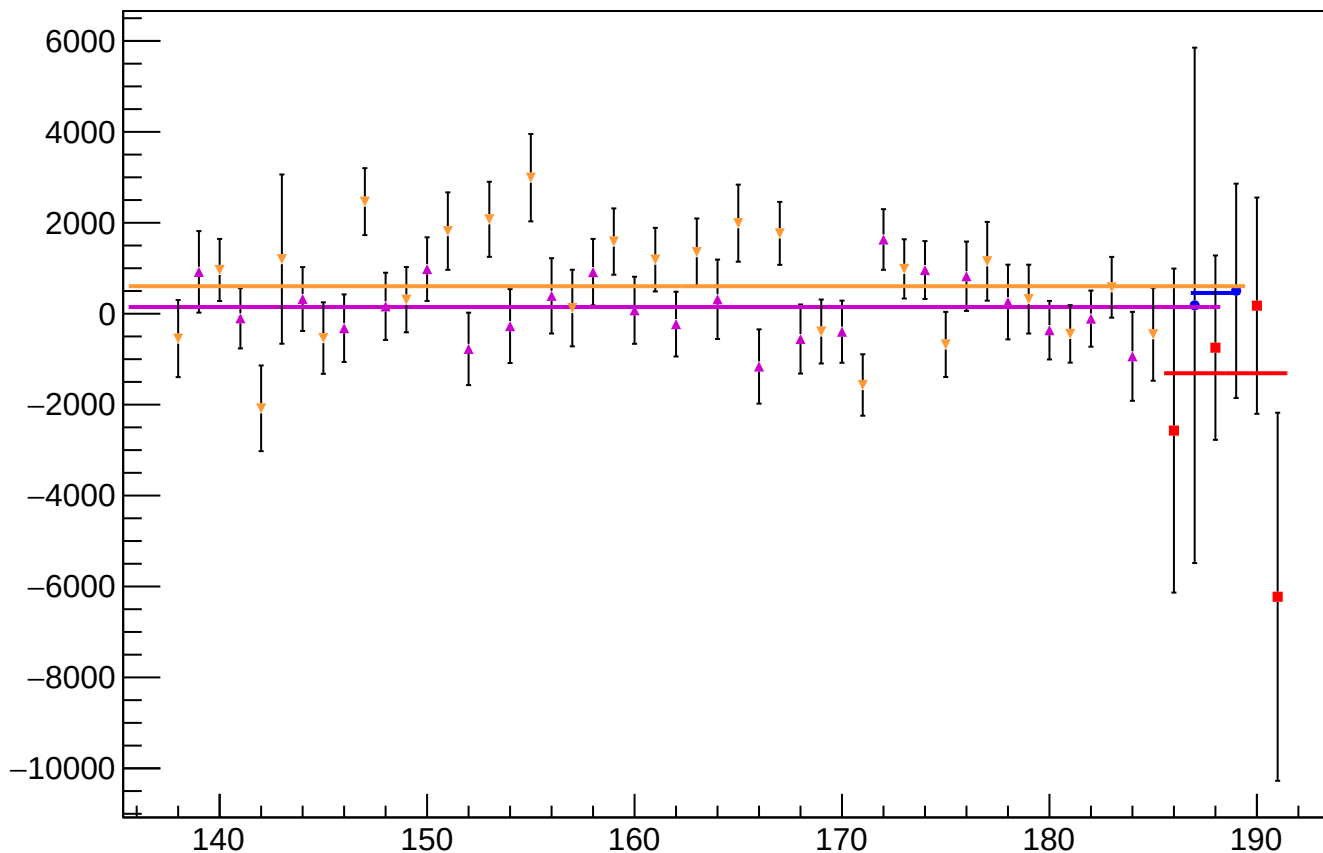
Left In: 1276.755 $\pm$ 0.216 χ^2 /NDF: 59434.2/22

+ sign 1295.585 $\pm$ 0.183 χ^2 /NDF: 922411.3/43

All: 1293.497 $\pm$ 0.128 χ^2 /NDF: 1394329.3/89

- sign 1291.492 $\pm$ 0.179 χ^2 /NDF: 471662.5/45

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 456.645 $\pm$ 2176.030 χ^2 /NDF: 0.0/1

Left Out: 605.167 $\pm$ 153.922 χ^2 /NDF:60.0/24

Right Out: -1309.240 $\pm$ 1336.715 χ^2 /NDF: 2.1/3

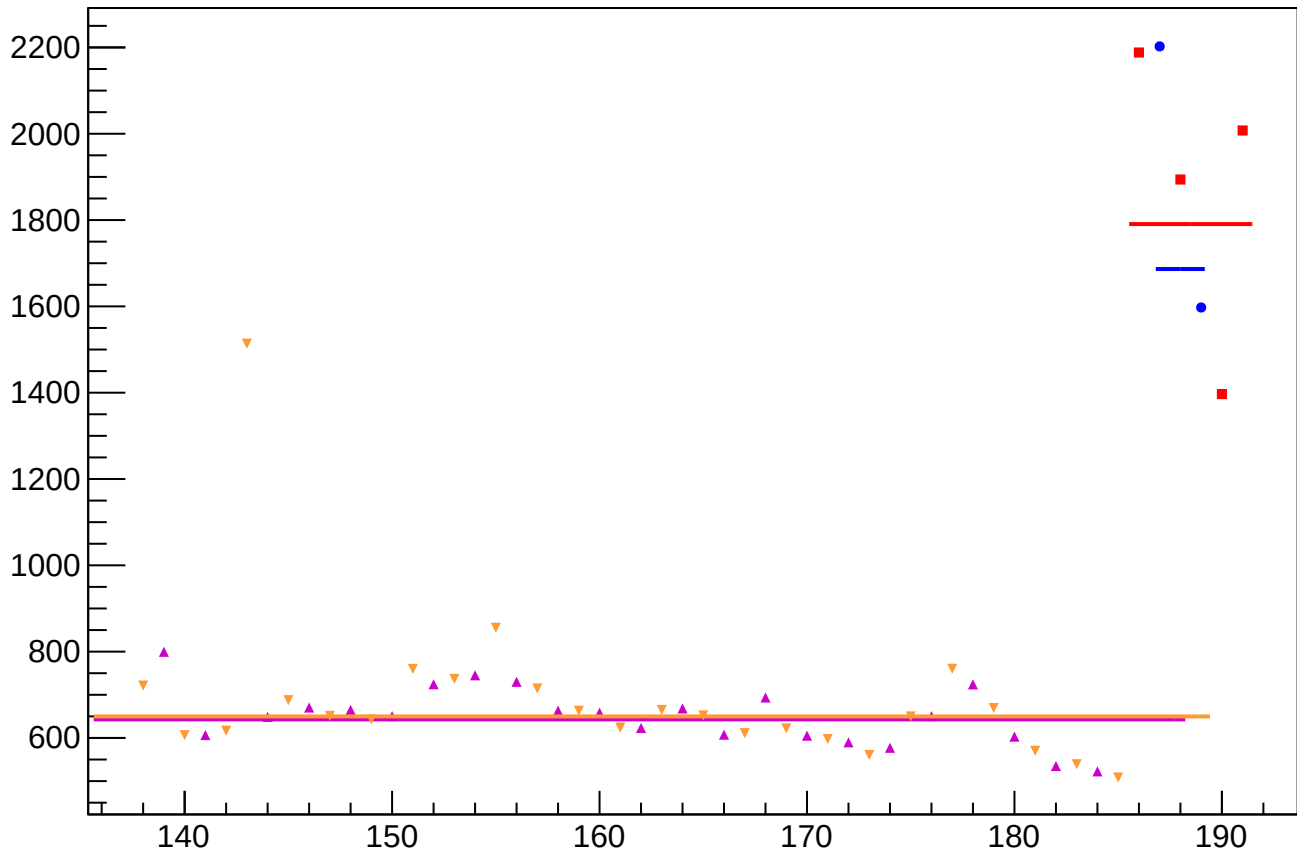
Left In: 147.044 $\pm$ 154.051 χ^2 /NDF:19.4/22

+ sign 604.427 $\pm$ 153.538 χ^2 /NDF: 60.0/26

All: 365.414 $\pm$ 108.391 χ^2 /NDF: 87.4/53

- sign 127.956 $\pm$ 153.038 χ^2 /NDF: 22.6/26

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1686.570+/-1.539 χ^2/NDF : 19427.8/1

Left Out: 649.866+/-0.109 χ^2/NDF : 840823.5/24

Right Out: 1790.745+/-0.945 χ^2/NDF : 90656.0/3

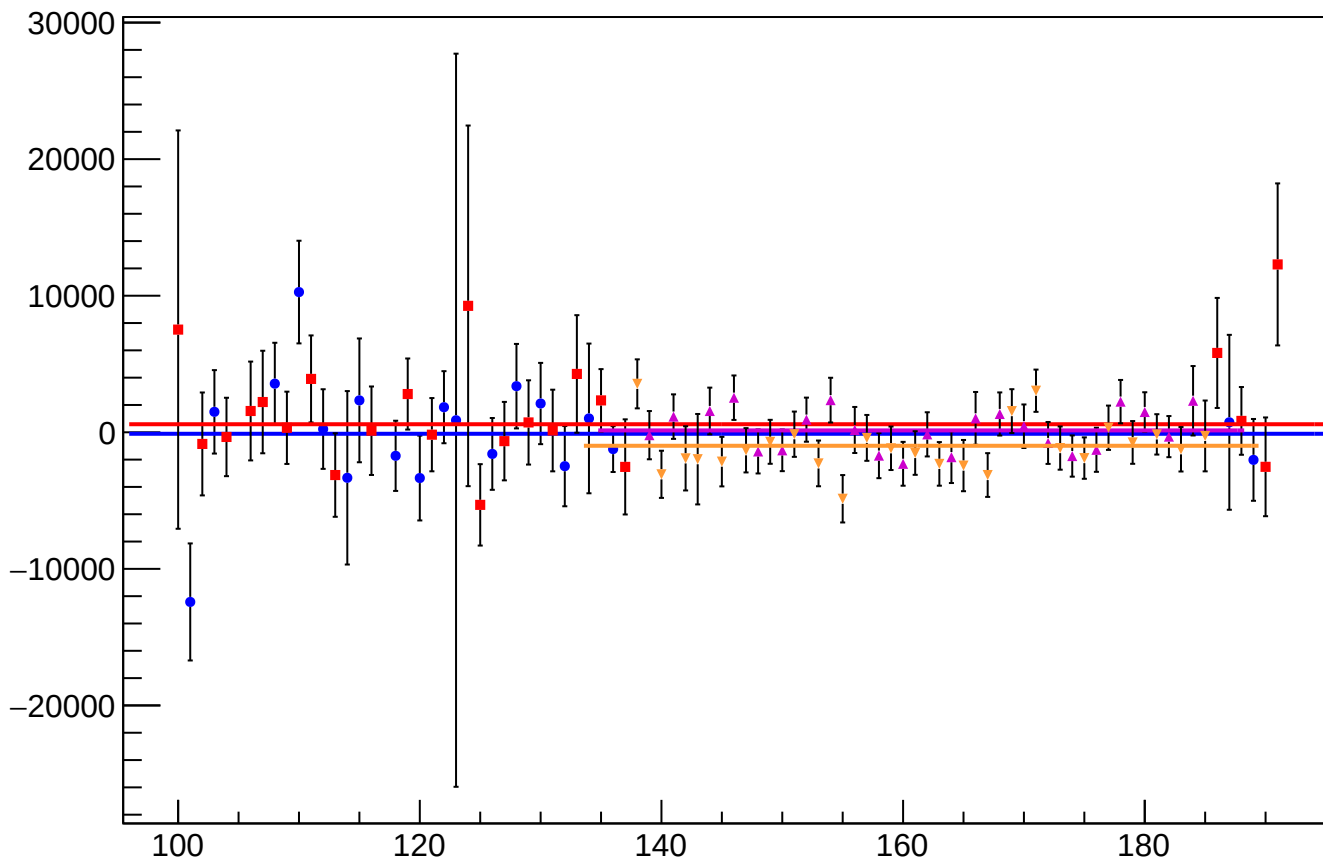
Left In: 643.008+/-0.109 χ^2/NDF : 323844.6/22

+ sign 655.028+/-0.109 χ^2/NDF : 1311942.8/26

All: 656.545+/-0.077 χ^2/NDF : 3181980.8/53

- sign 658.052+/-0.108 χ^2/NDF : 1869648.7/26

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: 590.156 ± 676.259 χ^2/NDF : 17.1/22

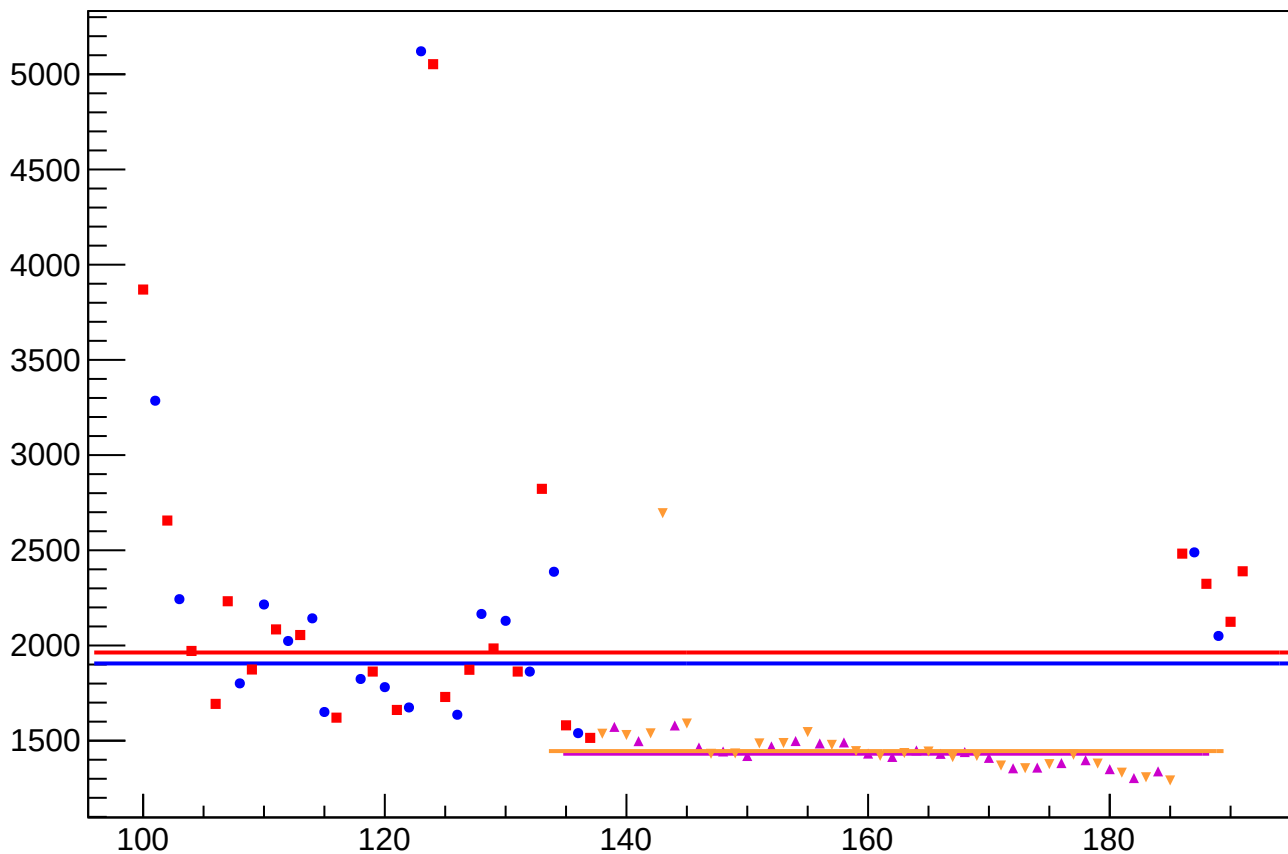
Left In: 137.780 ± 342.262 χ^2/NDF : 18.8/22

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

All: -295.317 ± 216.557 χ^2/NDF : 95.9/89

- sign 230.026 ± 305.378 χ^2/NDF : 36.3/45

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: 1963.205 $\pm$ 0.478 χ^2 /NDF: 56532.2/22

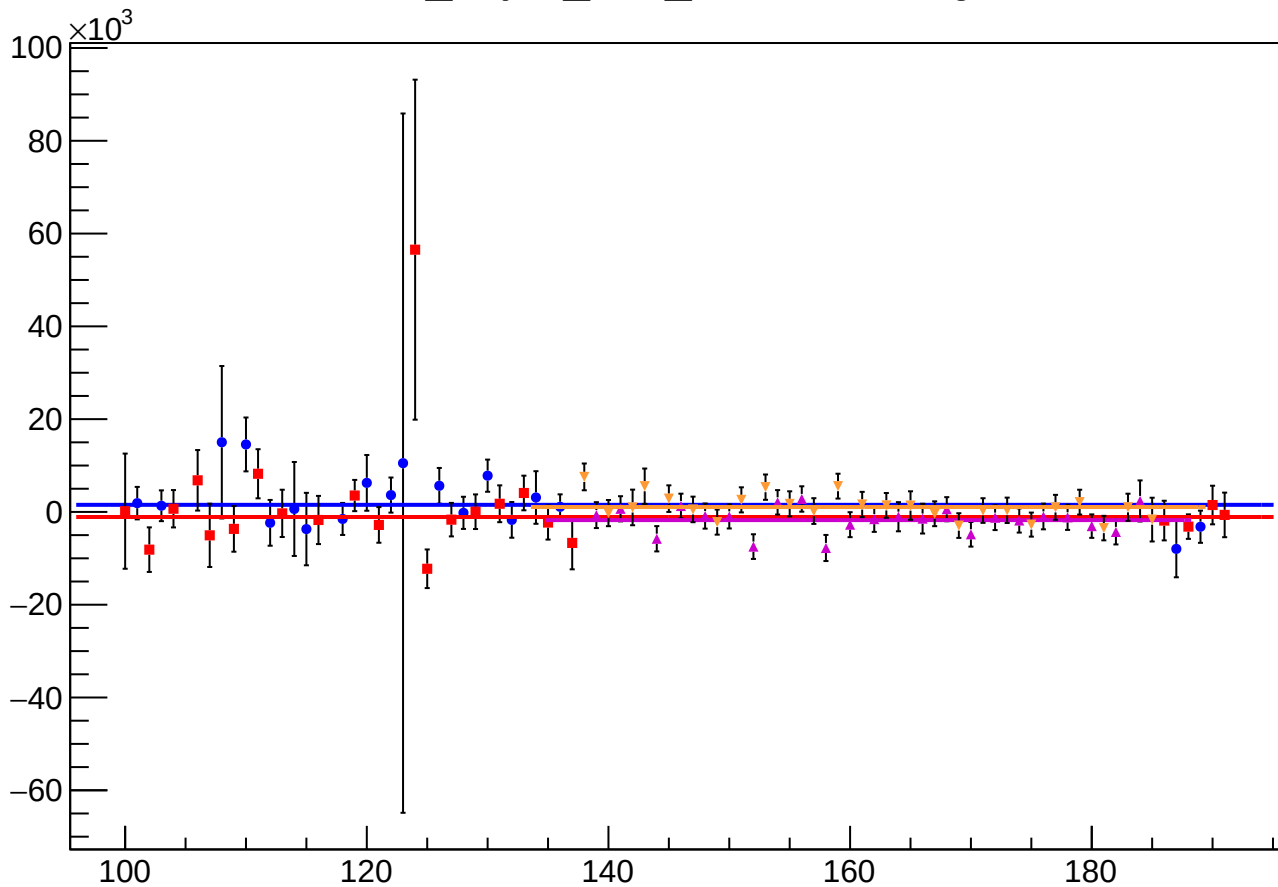
Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

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

All: 1534.823 $\pm$ 0.153 χ^2 /NDF: 3161852.4/89

- sign 1540.055 $\pm$ 0.216 χ^2 /NDF: 1626990.2/45

dit_asym_atl1_mean vs Slug



Right In: 1530.358 $\pm$ 982.681 χ^2/NDF : 18.3/18

Left Out: 1057.276 $\pm$ 566.243 χ^2/NDF : 22.7/24

Right Out: -1093.930 $\pm$ 908.582 χ^2/NDF : 24.0/22

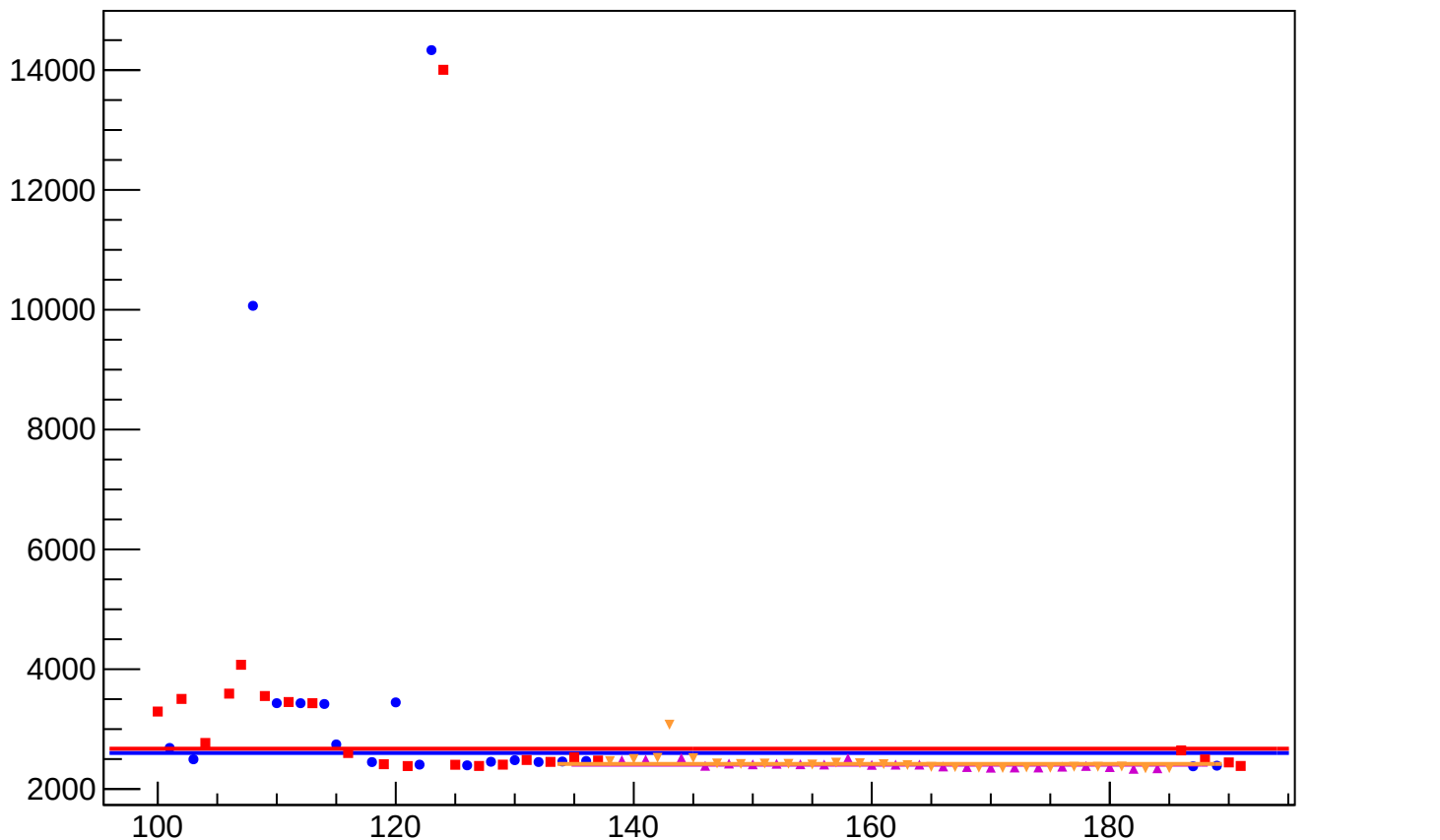
Left In: -1762.122 $\pm$ 574.660 χ^2/NDF : 23.2/22

+ sign 1175.200 $\pm$ 490.620 χ^2/NDF : 41.1/43

All: -211.922 $\pm$ 345.158 χ^2/NDF : 104.5/89

- sign -1571.200 $\pm$ 485.671 χ^2/NDF : 47.6/45

dit_asym_atl1_rms vs Slug



Right In: 2602.085 ± 0.695 χ^2/NDF : 655749.5/18

Left Out: 2418.972 ± 0.400 χ^2/NDF : 74779.7/24

Right Out: 2673.238 ± 0.642 χ^2/NDF : 626920.5/22

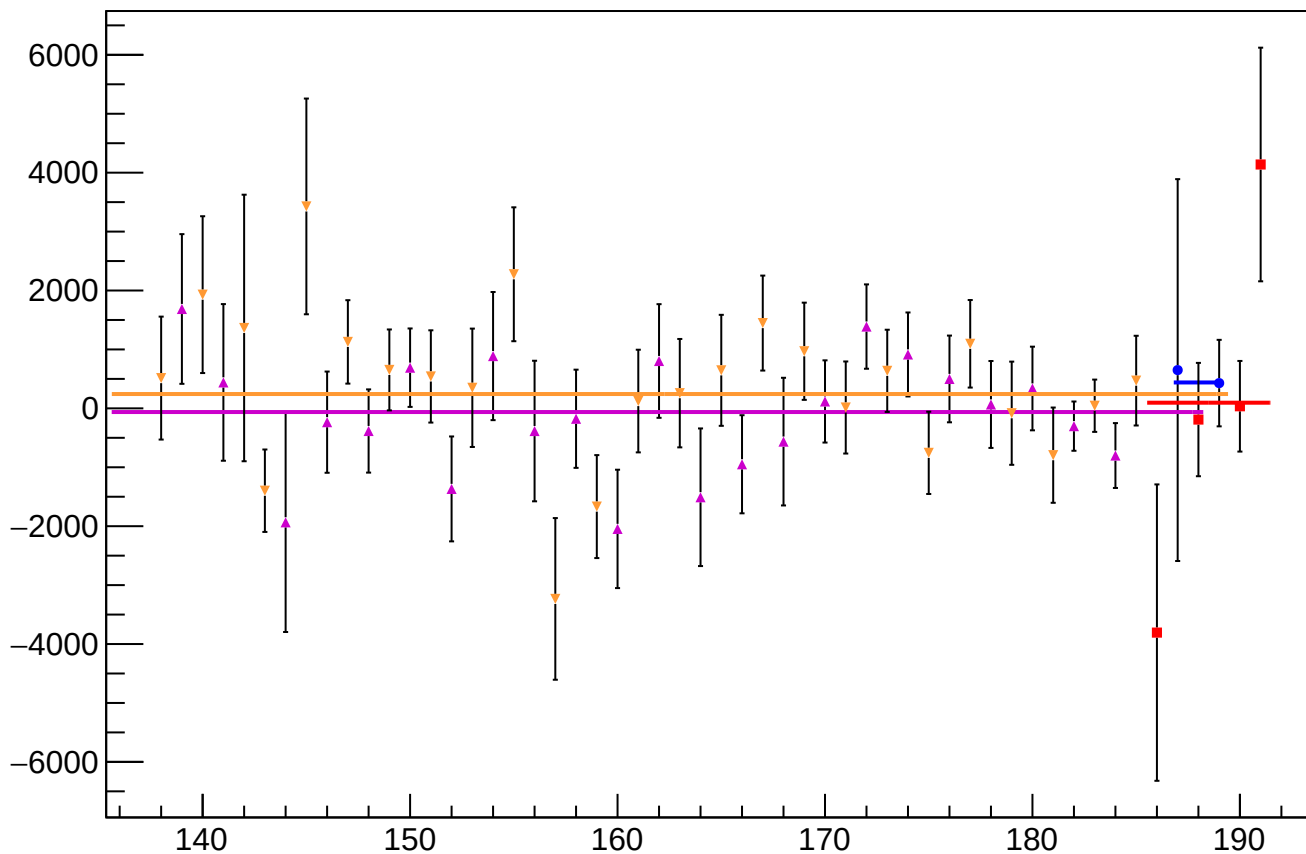
Left In: 2406.443 ± 0.406 χ^2/NDF : 15245.2/22

+ sign 2464.616 ± 0.347 χ^2/NDF : 782664.1/43

All: 2473.737 ± 0.244 χ^2/NDF : 1549371.9/89

- sign 2482.674 ± 0.343 χ^2/NDF : 765339.4/45

asym_atl1_correction_mean vs Slug



Right In: 439.428+/-715.917 χ^2/NDF : 0.0/1

Left Out: 243.135+/-163.940 χ^2/NDF : 36.0/24

Right Out: 95.945+/-560.456 χ^2/NDF : 6.7/3

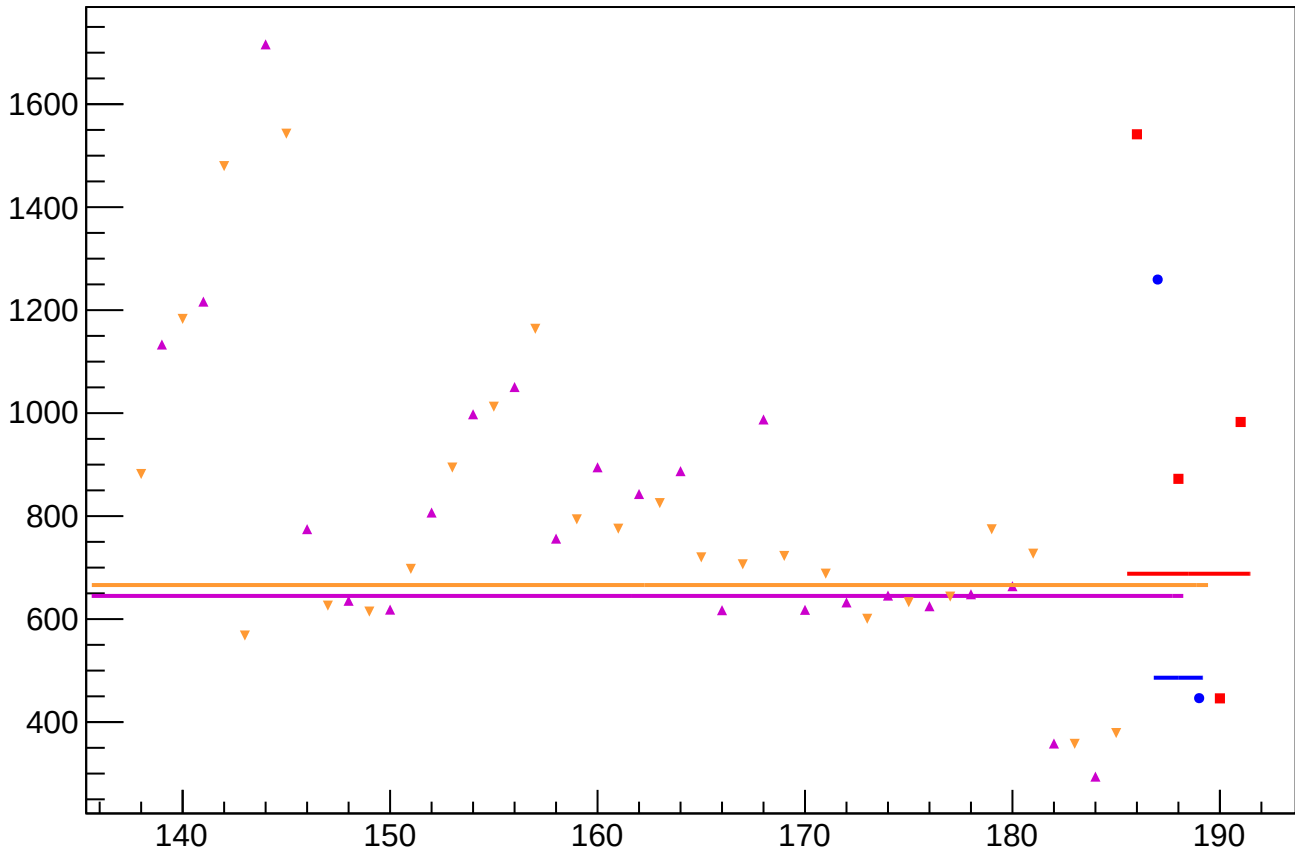
Left In: -62.569+/-164.169 χ^2/NDF : 24.3/22

+ sign 252.916+/-159.804 χ^2/NDF : 36.1/26

All: 99.284+/-112.193 χ^2/NDF : 68.9/53

- sign -50.043+/-157.549 χ^2/NDF : 31.0/26

asym_atl1_correction_rms vs Slug



Right In: 486.157 $\pm$ 0.506 χ^2 /NDF: 119730.6/1

Left Out: 666.133 $\pm$ 0.116 χ^2 /NDF: 3190574.7/24

Right Out: 688.091 $\pm$ 0.396 χ^2 /NDF: 545901.0/3

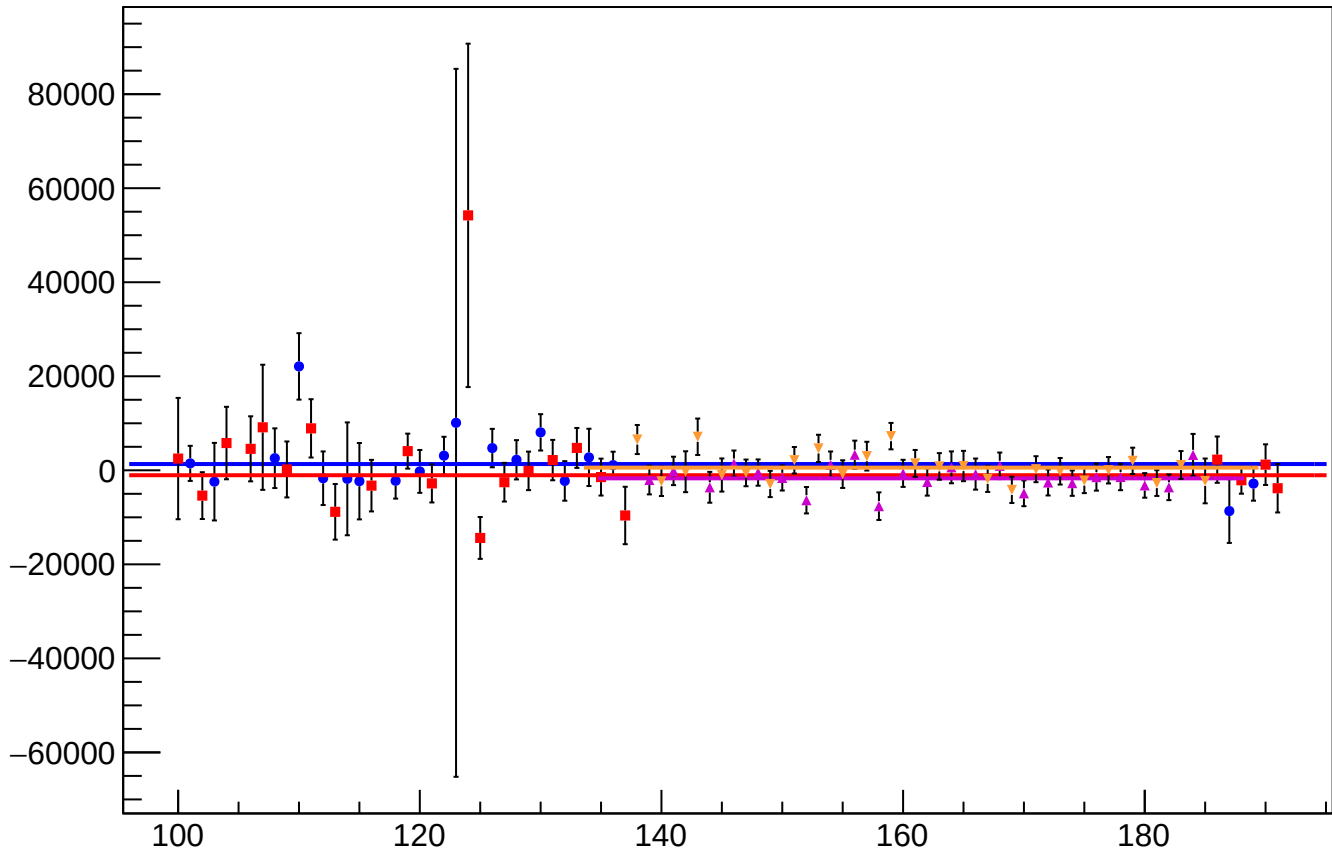
Left In: 645.011 $\pm$ 0.116 χ^2 /NDF: 4176295.6/22

+ sign 657.166 $\pm$ 0.113 χ^2 /NDF: 3430404.1/26

All: 652.728 $\pm$ 0.079 χ^2 /NDF: 8166524.2/53

- sign 648.416 $\pm$ 0.111 χ^2 /NDF: 4733079.5/26

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: -1048.235 $\pm$ 1018.056 χ^2 /NDF: 26.5/22

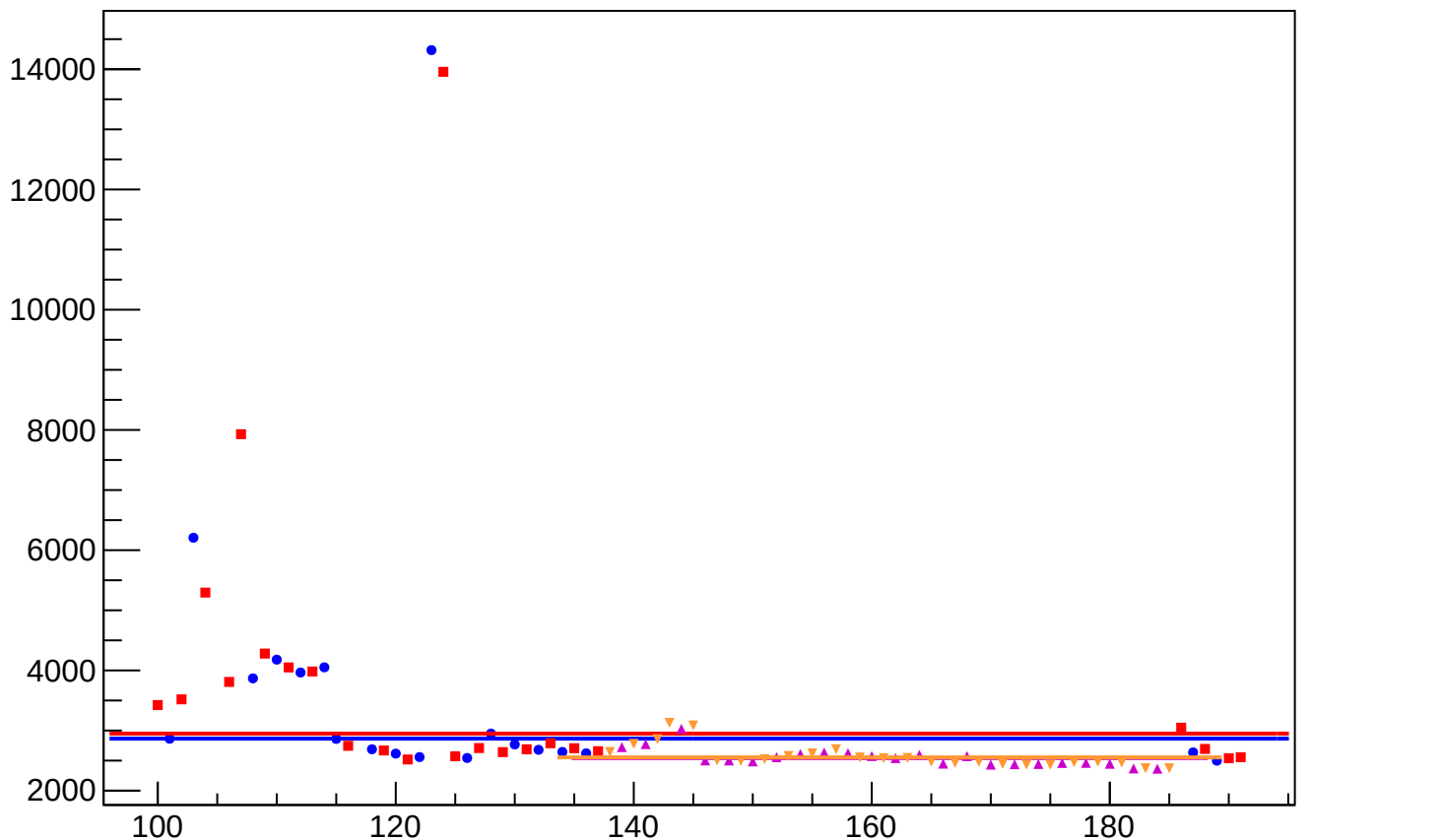
Left In: -1713.317 $\pm$ 607.775 χ^2 /NDF: 18.1/22

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

All: -400.747 $\pm$ 369.675 χ^2 /NDF: 98.7/89

- sign -1538.562 $\pm$ 521.853 χ^2 /NDF: 44.8/45

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: 2949.155+/-0.720 χ^2/NDF : 1069124.1/22

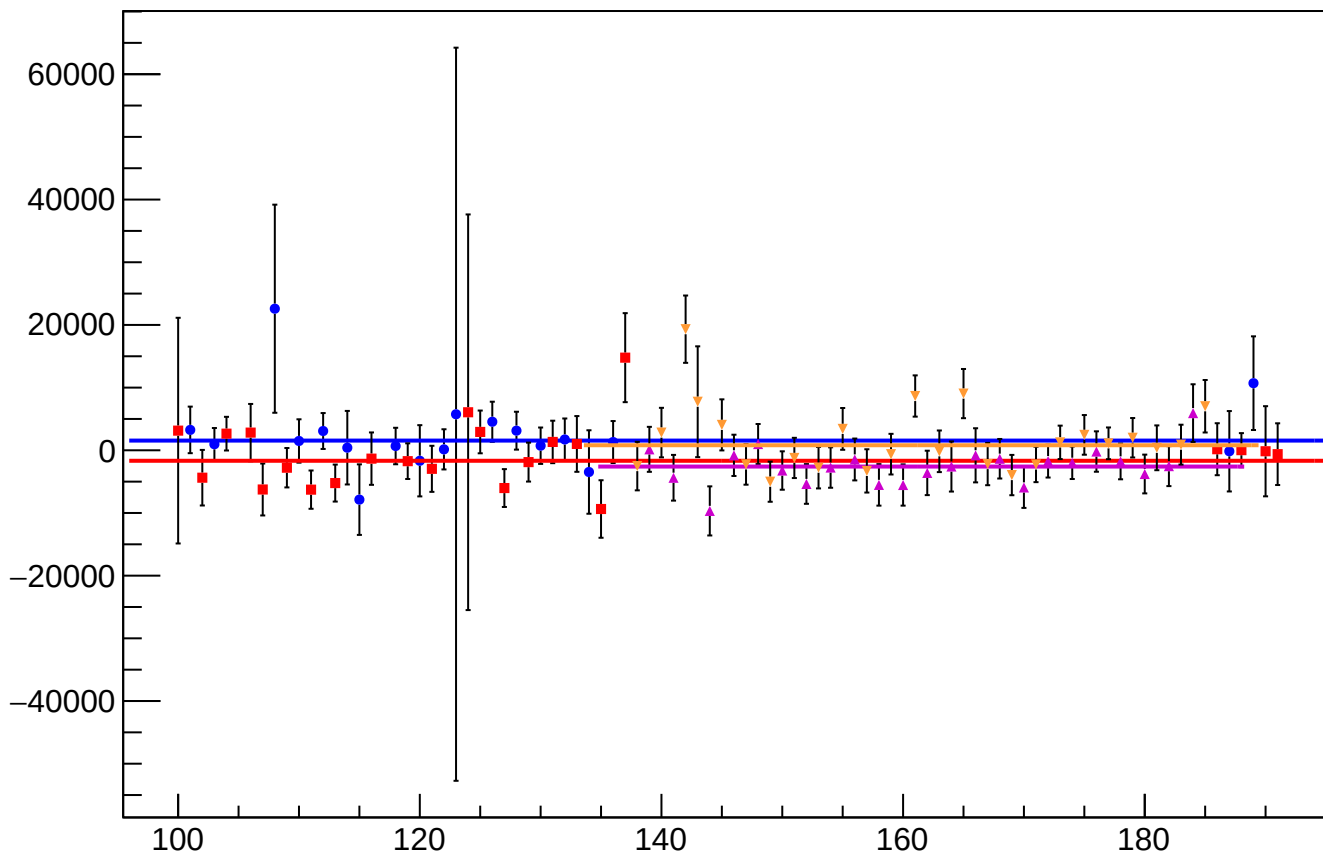
Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

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

All: 2637.639+/-0.261 χ^2/NDF : 2348081.1/89

- sign 2648.946+/-0.369 χ^2/NDF : 1402260.8/45

dit_asym_atl2_mean vs Slug



Right In: 1548.918 ± 874.536 χ^2/NDF : 9.0/18

Left Out: 807.297 ± 677.513 χ^2/NDF : 39.1/24

Right Out: -1672.747 ± 781.629 χ^2/NDF : 23.2/22

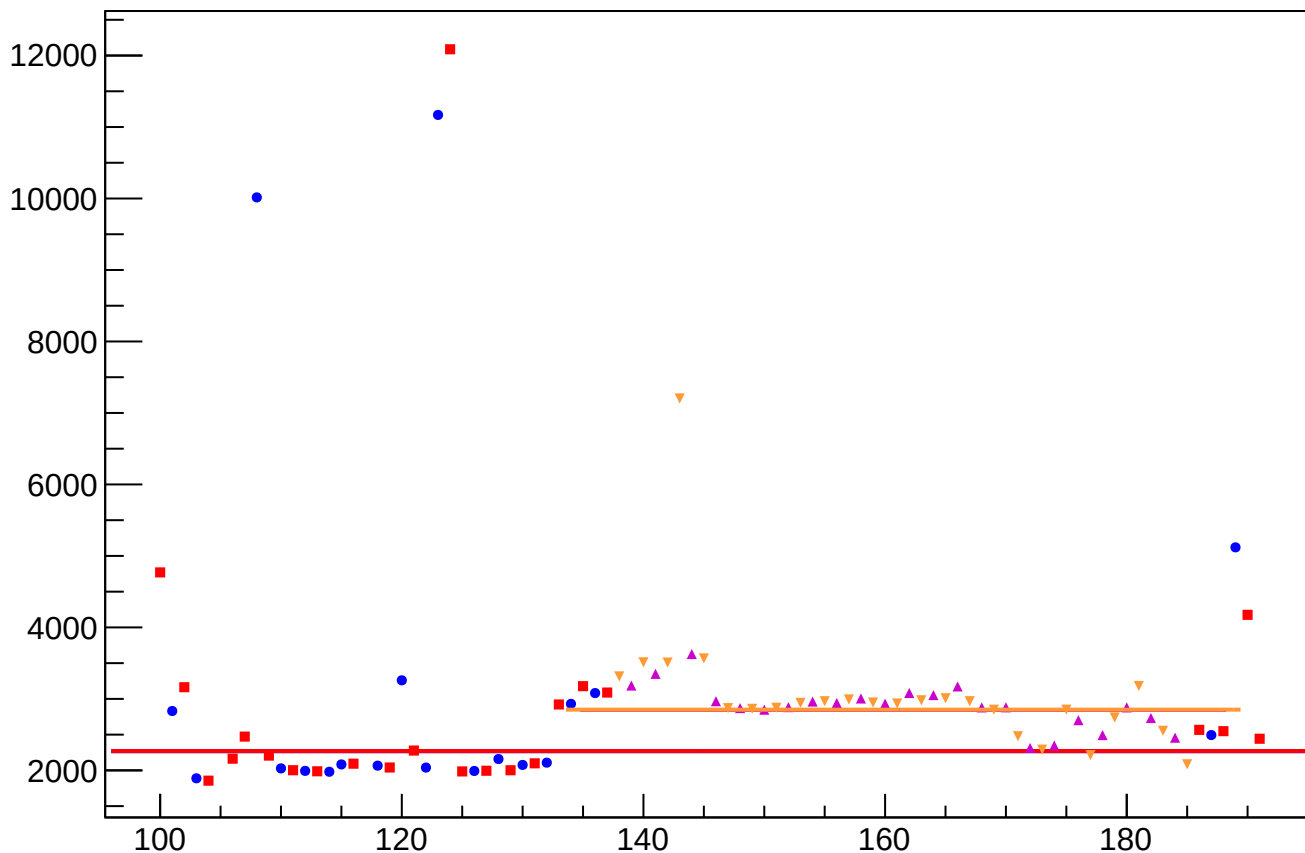
Left In: -2595.551 ± 683.824 χ^2/NDF : 14.0/22

+ sign 1085.457 ± 535.591 χ^2/NDF : 48.6/43

All: -620.356 ± 371.100 χ^2/NDF : 106.0/89

- sign -2195.465 ± 514.663 χ^2/NDF : 38.0/45

dit_asym_atl2_rms vs Slug



Right In: 2267.855+/-0.618 χ^2/NDF : 1149276.6/18

Left Out: 2849.256+/-0.479 χ^2/NDF : 1034478.3/24

Right Out: 2270.237+/-0.552 χ^2/NDF : 790728.9/22

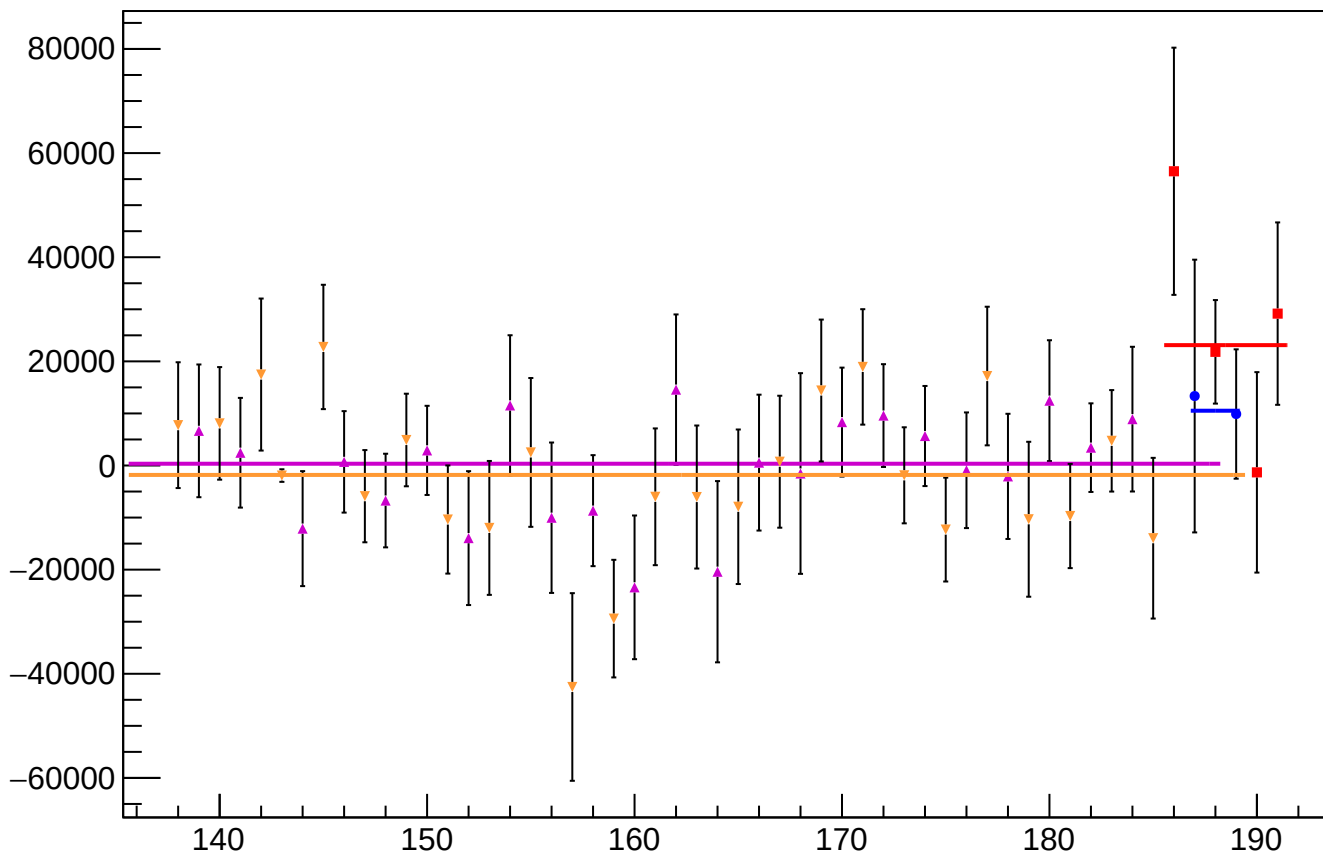
Left In: 2844.779+/-0.484 χ^2/NDF : 383776.8/22

+ sign 2631.190+/-0.379 χ^2/NDF : 2736159.9/43

All: 2612.635+/-0.262 χ^2/NDF : 4527815.4/89

- sign 2595.510+/-0.364 χ^2/NDF : 1787039.6/45

asym_atl2_correction_mean vs Slug



Right In: 10521.291 $\pm$ 11222.668 χ^2 /NDF: 0.0/1

Left Out: -1810.593 $\pm$ 1078.173 χ^2 /NDF:31.2/24

Right Out: 23118.083 $\pm$ 7484.764 χ^2 /NDF: 3.7/3

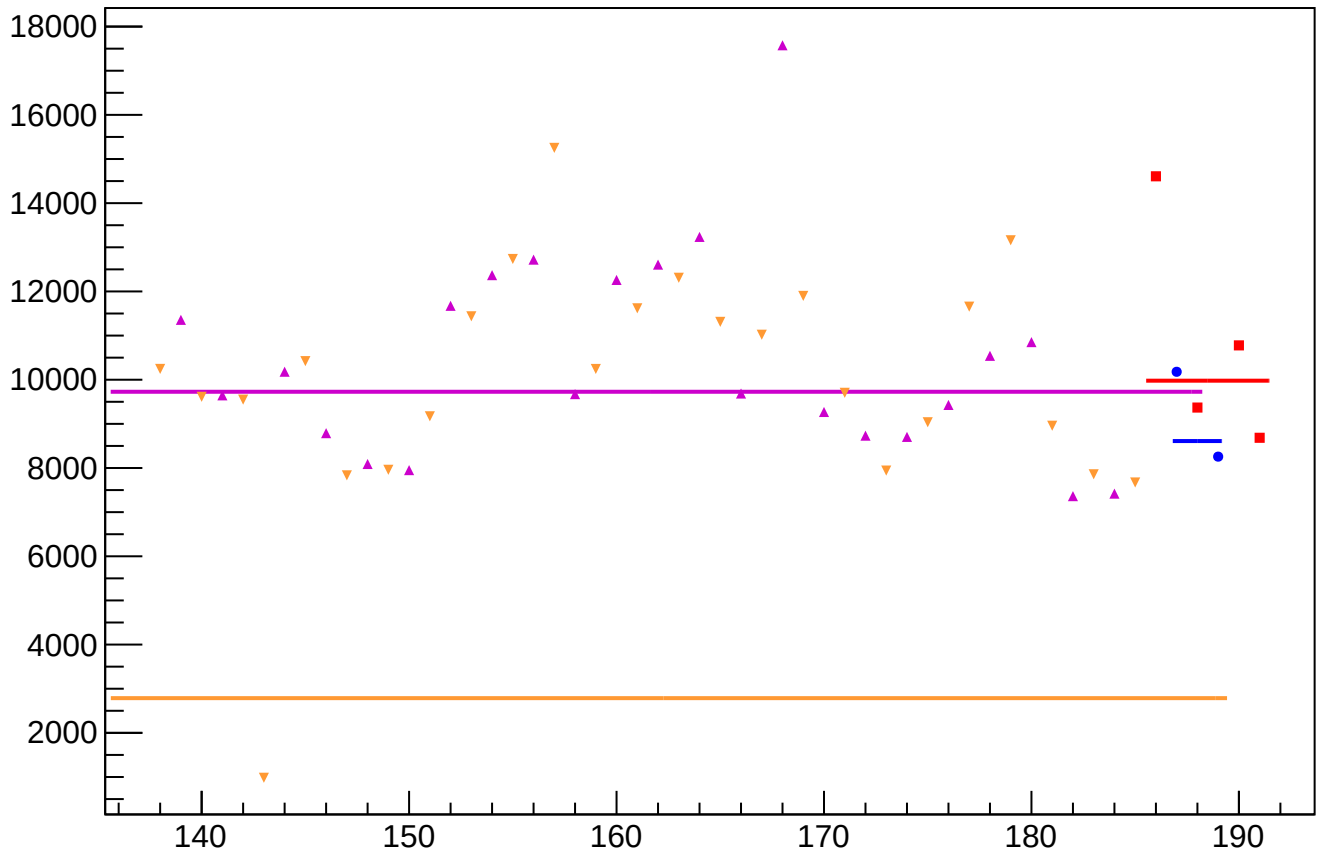
Left In: 339.260 $\pm$ 2365.986 χ^2 /NDF:14.2/22

+ sign -1697.815 $\pm$ 1073.232 χ^2 /NDF: 32.4/26

All: -939.960 $\pm$ 969.151 χ^2 /NDF: 61.5/53

- sign 2408.624 $\pm$ 2255.957 χ^2 /NDF: 26.4/26

asym_atl2_correction_rms vs Slug



Right In: 8610.592+/-7.936 χ^2/NDF : 8795.1/1

Left Out: 2786.461+/-0.762 χ^2/NDF : 22863045.3/24

Right Out: 9978.253+/-5.293 χ^2/NDF : 97951.8/3

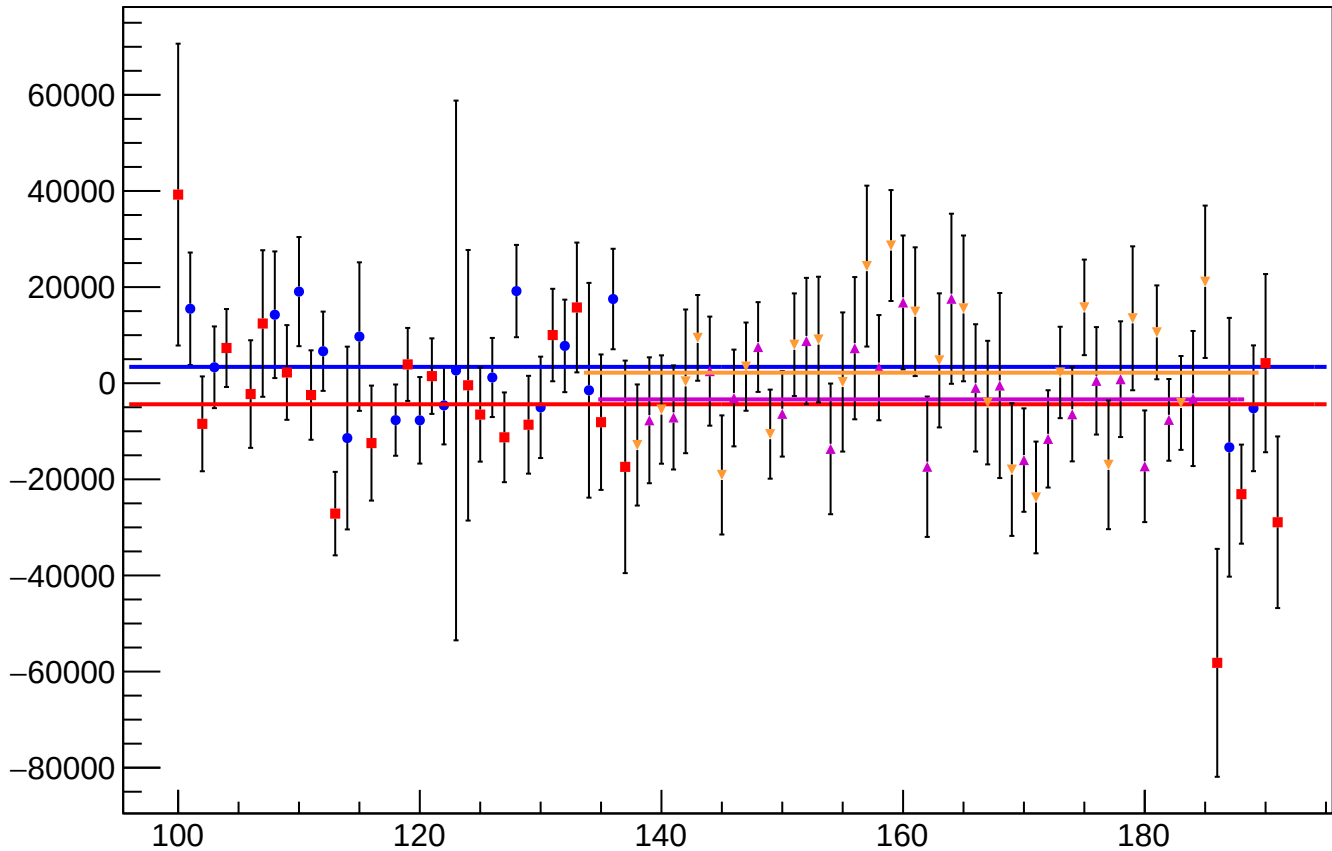
Left In: 9727.255+/-1.673 χ^2/NDF : 1261406.7/22

+ sign 2839.724+/-0.759 χ^2/NDF : 23405556.3/26

All: 4115.046+/-0.685 χ^2/NDF : 40069445.7/5

- sign 9750.057+/-1.595 χ^2/NDF : 1361403.3/26

asym_atl2_mean vs Slug



Right In: 3398.132 $\pm$ 2453.667 χ^2 /NDF: 15.6/18

Left Out: 2192.629 $\pm$ 2346.604 χ^2 /NDF:31.2/24

Right Out: -4381.223 $\pm$ 2307.527 χ^2 /NDF: 31.2/22

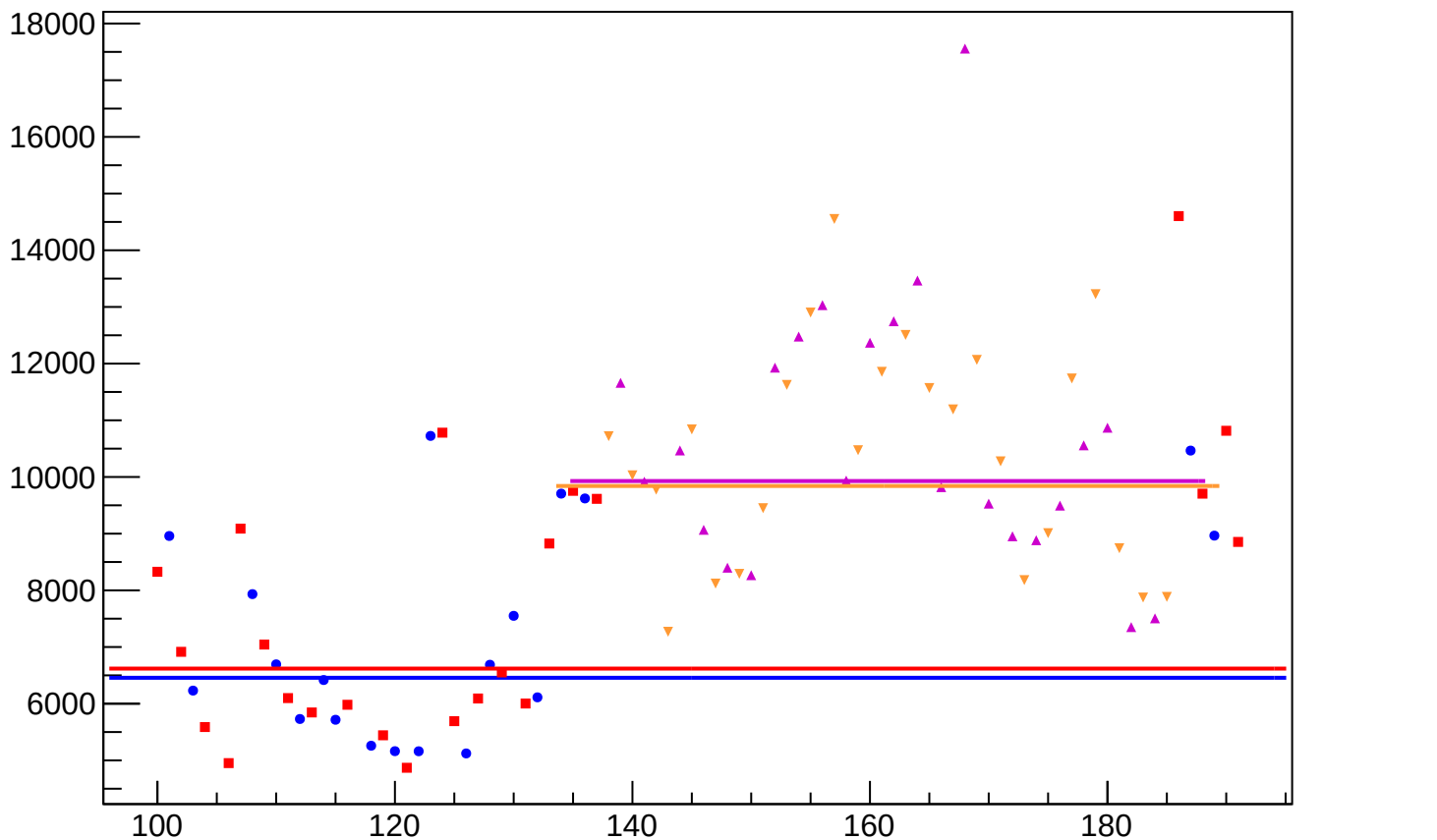
Left In: -3362.489 $\pm$ 2413.842 χ^2 /NDF:12.8/22

+ sign 2768.507 $\pm$ 1695.886 χ^2 /NDF: 46.9/43

All: -618.400 $\pm$ 1189.186 χ^2 /NDF: 98.9/89

- sign -3894.784 $\pm$ 1667.987 χ^2 /NDF: 44.1/45

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: 6619.488+/-1.632 χ^2/NDF : 1120833.9/22

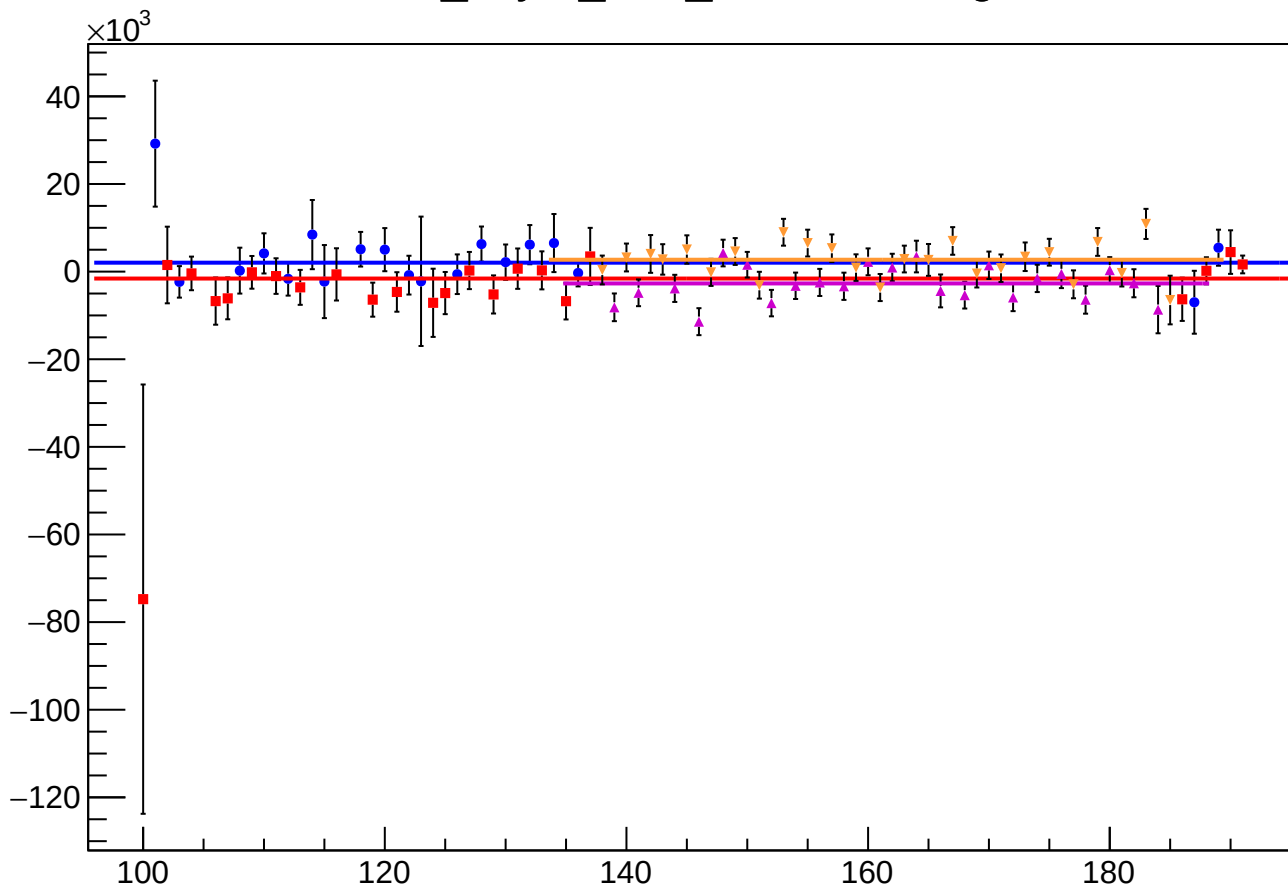
Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

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

All: 8211.892+/-0.841 χ^2/NDF : 8193879.1/89

- sign 8199.528+/-1.179 χ^2/NDF : 4305724.6/45

dit_asym_atr1_mean vs Slug



Right In: 2039.735 $\pm$ 1080.993 χ^2 /NDF: 14.3/18

Left Out: 2712.564 $\pm$ 648.832 χ^2 /NDF:34.7/24

Right Out: -1581.514 $\pm$ 884.986 χ^2 /NDF: 16.4/22

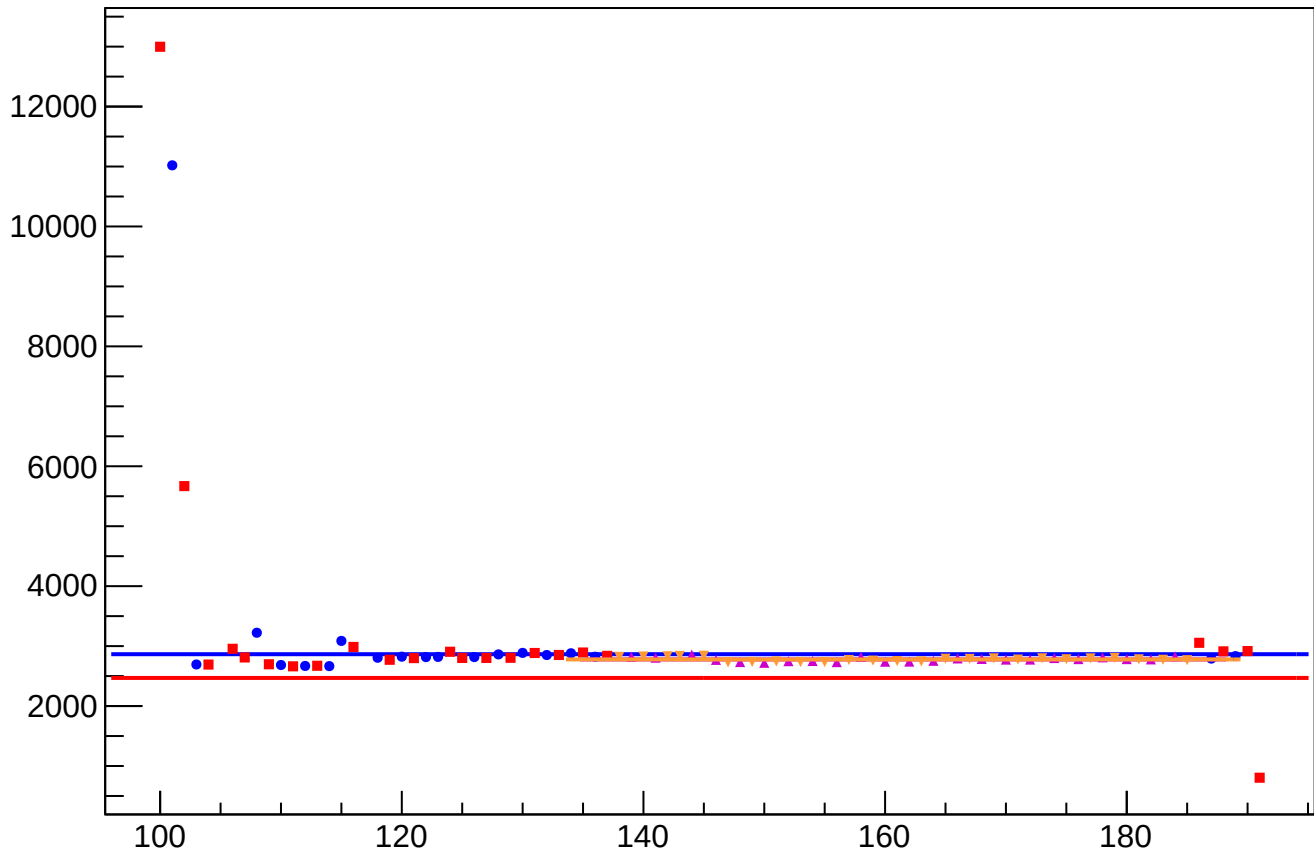
Left In: -2697.794 $\pm$ 662.544 χ^2 /NDF:36.1/22

+ sign 2534.367 $\pm$ 556.315 χ^2 /NDF: 49.3/43

All: 3.512 $\pm$ 383.876 χ^2 /NDF: 142.3/89

- sign -2296.860 $\pm$ 530.379 χ^2 /NDF: 53.4/45

dit_asym_atr1_rms vs Slug



Right In: 2864.945+/-0.764 χ^2/NDF : 670256.1/18

Left Out: 2777.450+/-0.459 χ^2/NDF : 5253.1/24

Right Out: 2469.156+/-0.626 χ^2/NDF : 1979227.4/22

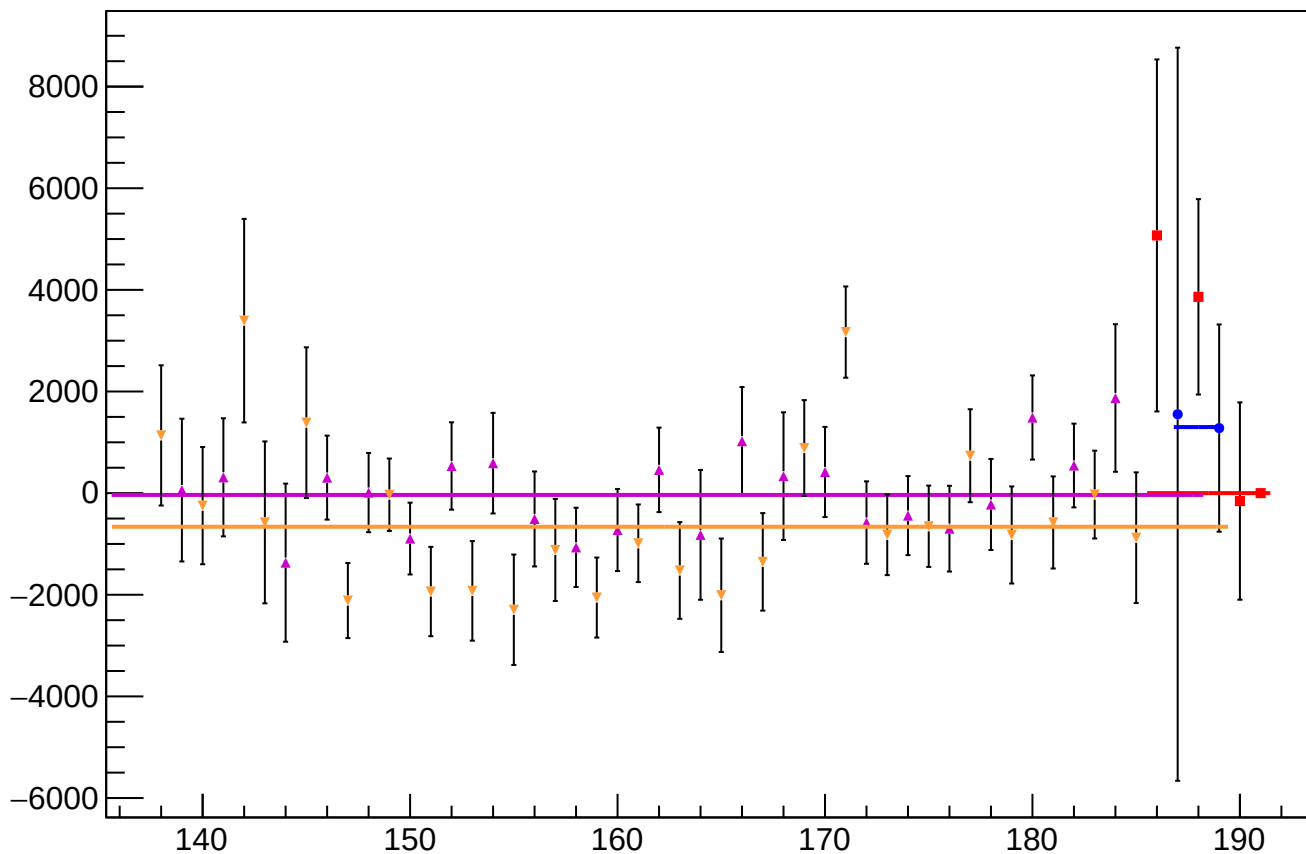
Left In: 2777.355+/-0.468 χ^2/NDF : 5488.7/22

+ sign 2800.623+/-0.393 χ^2/NDF : 685141.4/43

All: 2730.446+/-0.271 χ^2/NDF : 2886051.2/89

- sign 2666.659+/-0.375 χ^2/NDF : 2140156.0/45

asym_atr1_correction_mean vs Slug



Right In: 1300.185 $\pm$ 1962.467 χ^2 /NDF: 0.0/1

Left Out: -661.759 $\pm$ 190.222 χ^2 /NDF:48.7/24

Right Out: 0.268 $\pm$ 4.105 χ^2 /NDF: 6.2/3

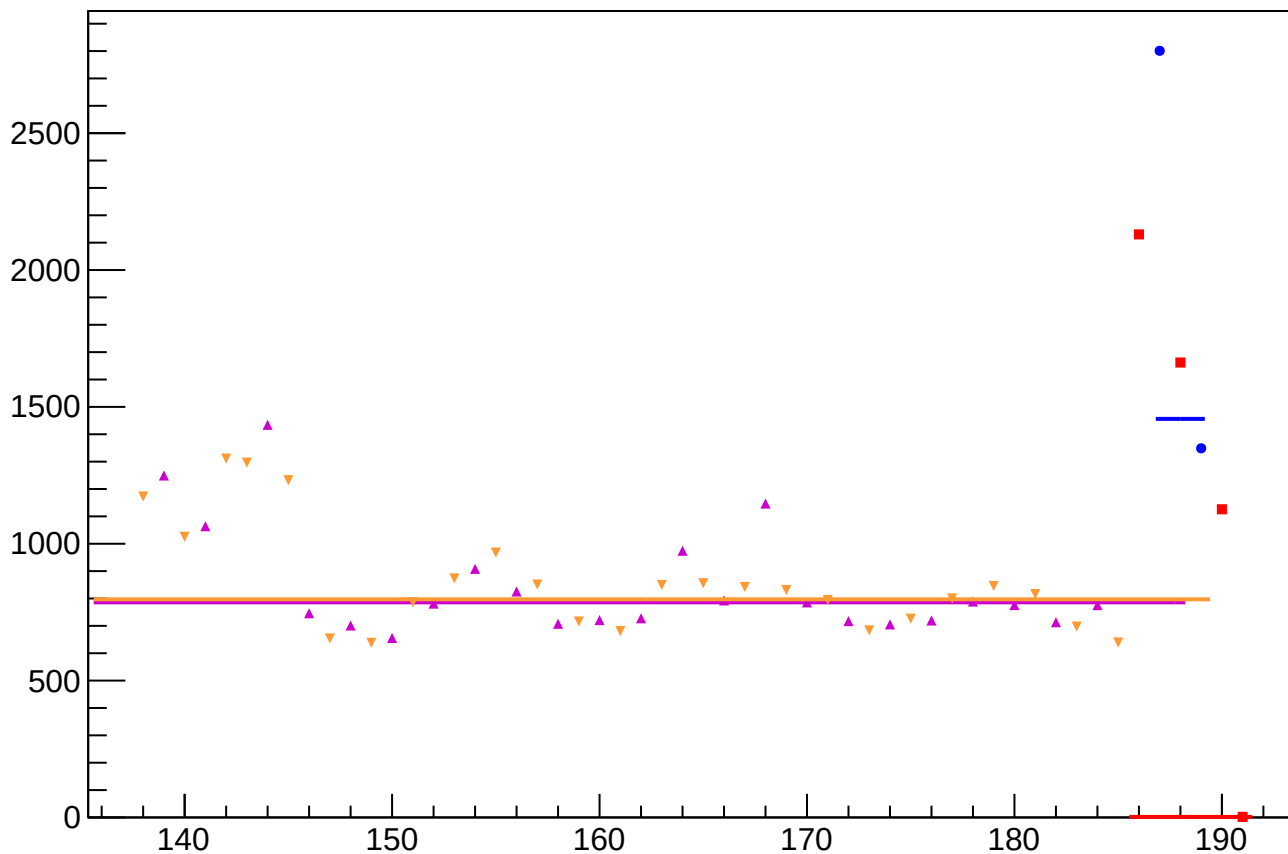
Left In: -35.366 $\pm$ 190.553 χ^2 /NDF:15.1/22

+ sign -643.497 $\pm$ 189.335 χ^2 /NDF: 49.7/26

All: -0.051 $\pm$ 4.103 χ^2 /NDF: 82.6/53

- sign 0.252 $\pm$ 4.104 χ^2 /NDF: 21.3/26

asym_atr1_correction_rms vs Slug



Right In: 1456.187 $\pm$ 1.388 χ^2 /NDF: 75068.3/1

Left Out: 796.994 $\pm$ 0.135 χ^2 /NDF: 1174879.0/24

Right Out: 2.053 $\pm$ 0.003 χ^2 /NDF: 2915658.8/3

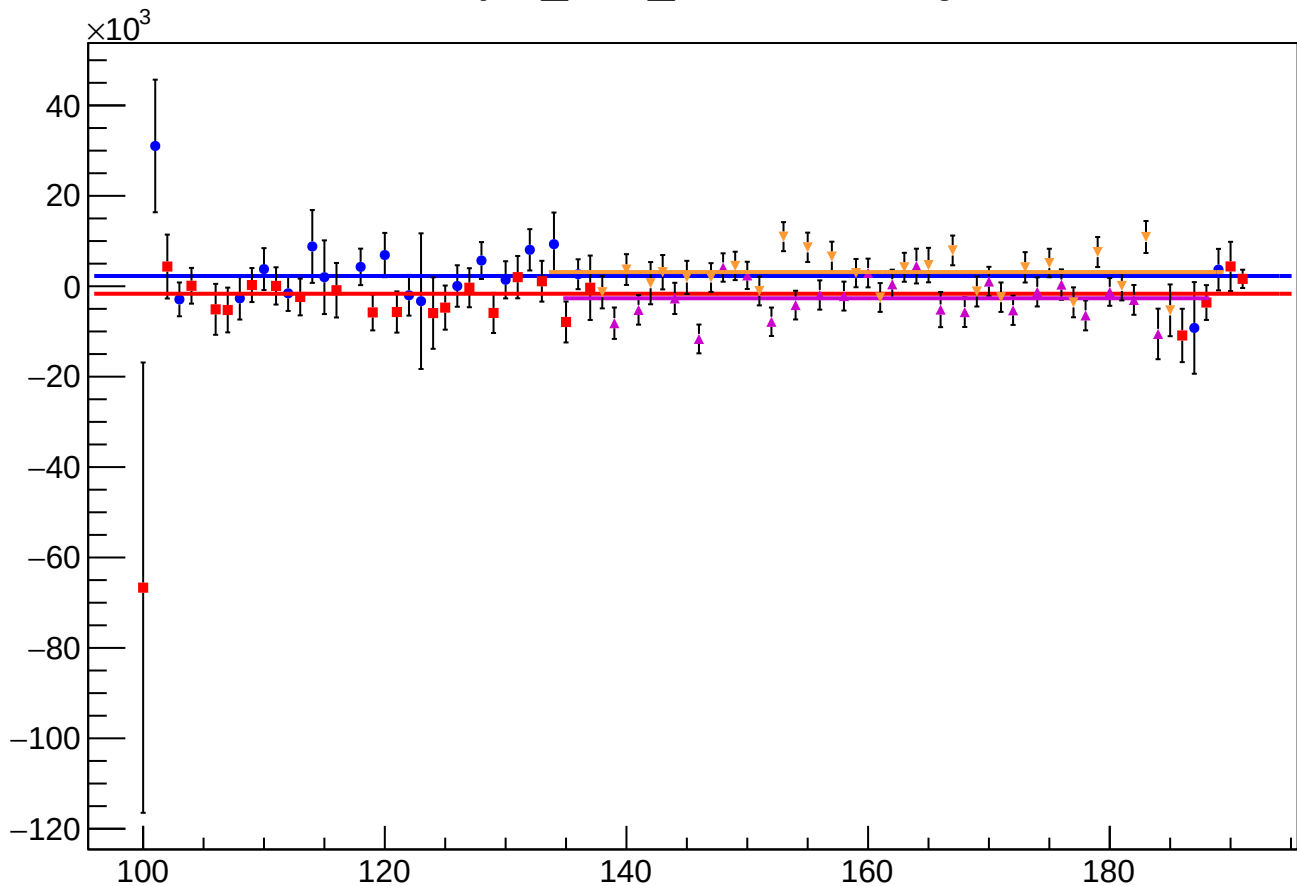
Left In: 785.928 $\pm$ 0.135 χ^2 /NDF: 1126027.7/22

+ sign 803.129 $\pm$ 0.134 χ^2 /NDF: 1473505.2/26

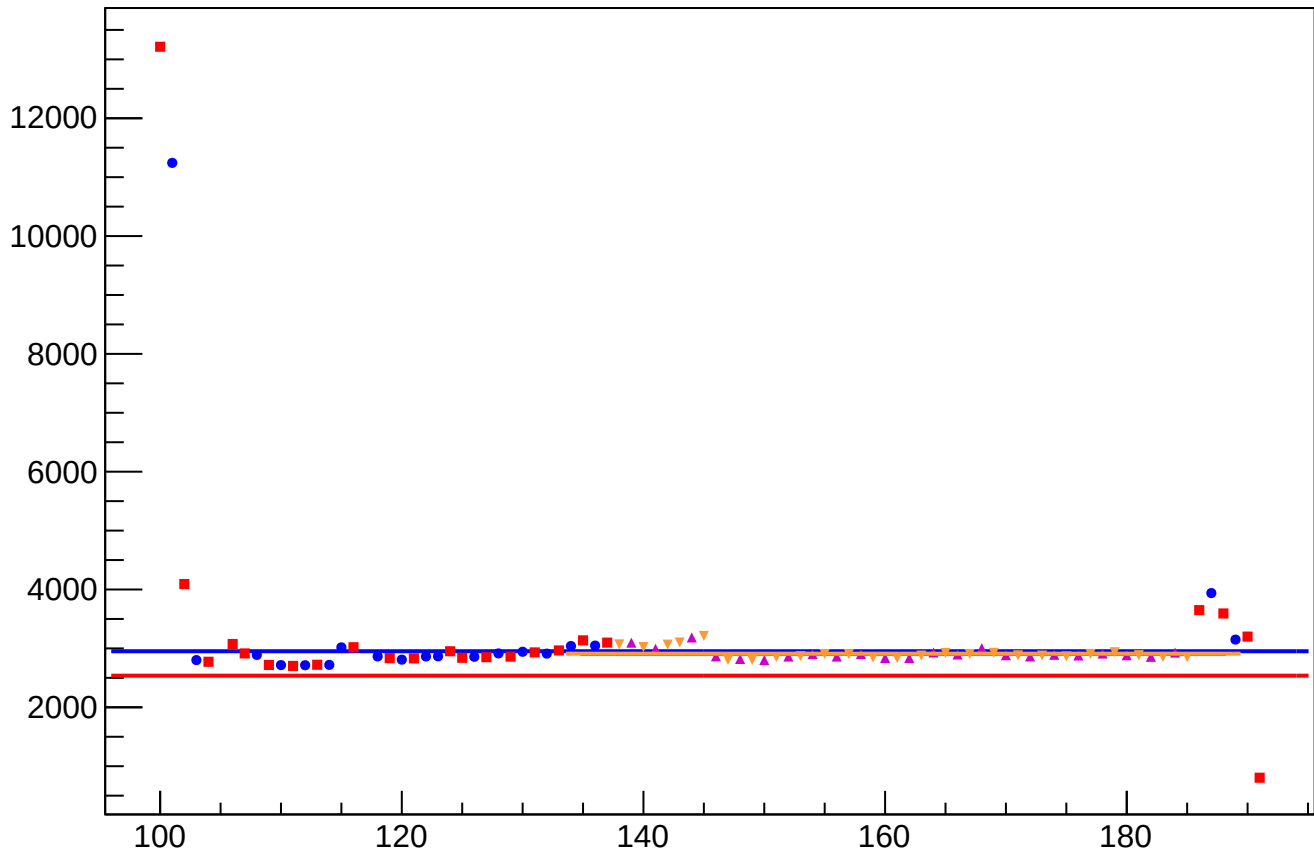
All: 2.792 $\pm$ 0.003 χ^2 /NDF: 75097772.7/53

- sign 2.416 $\pm$ 0.003 χ^2 /NDF: 37870720.8/26

asym_atr1_mean vs Slug



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: 2536.982+/-0.650 χ^2/NDF : 2093770.1/22

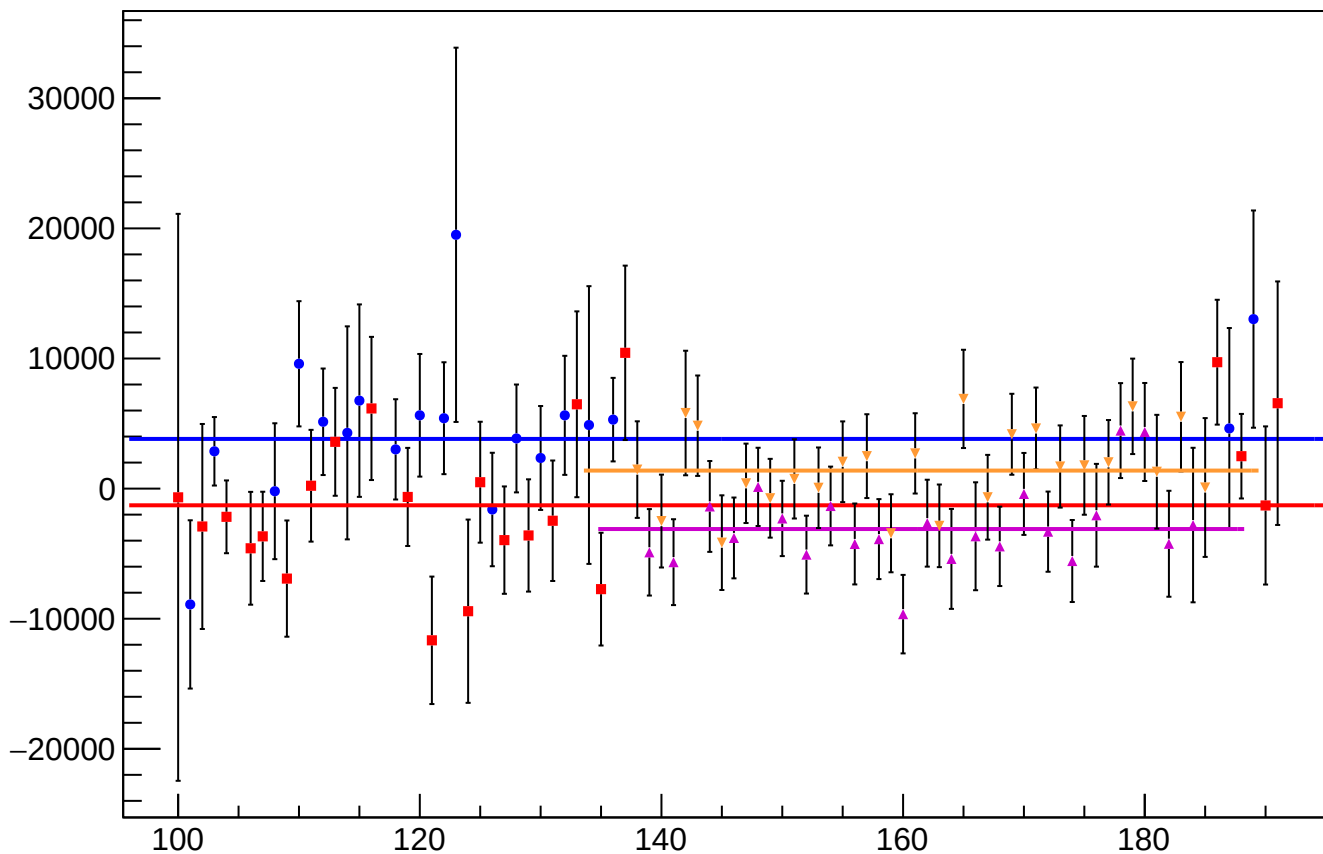
Left In: 2904.499+/-0.490 χ^2/NDF :30423.1/22

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

All: 2842.823+/-0.283 χ^2/NDF : 3123002.1/89

- sign 2771.228+/-0.391 χ^2/NDF : 2328096.8/45

dit_asym_atr2_mean vs Slug



Right In: 3818.838 $\pm$ 1071.784 χ^2 /NDF: 11.1/18

Left Out: 1386.275 $\pm$ 684.647 χ^2 /NDF:18.0/24

Right Out: -1282.840 $\pm$ 958.231 χ^2 /NDF: 26.7/22

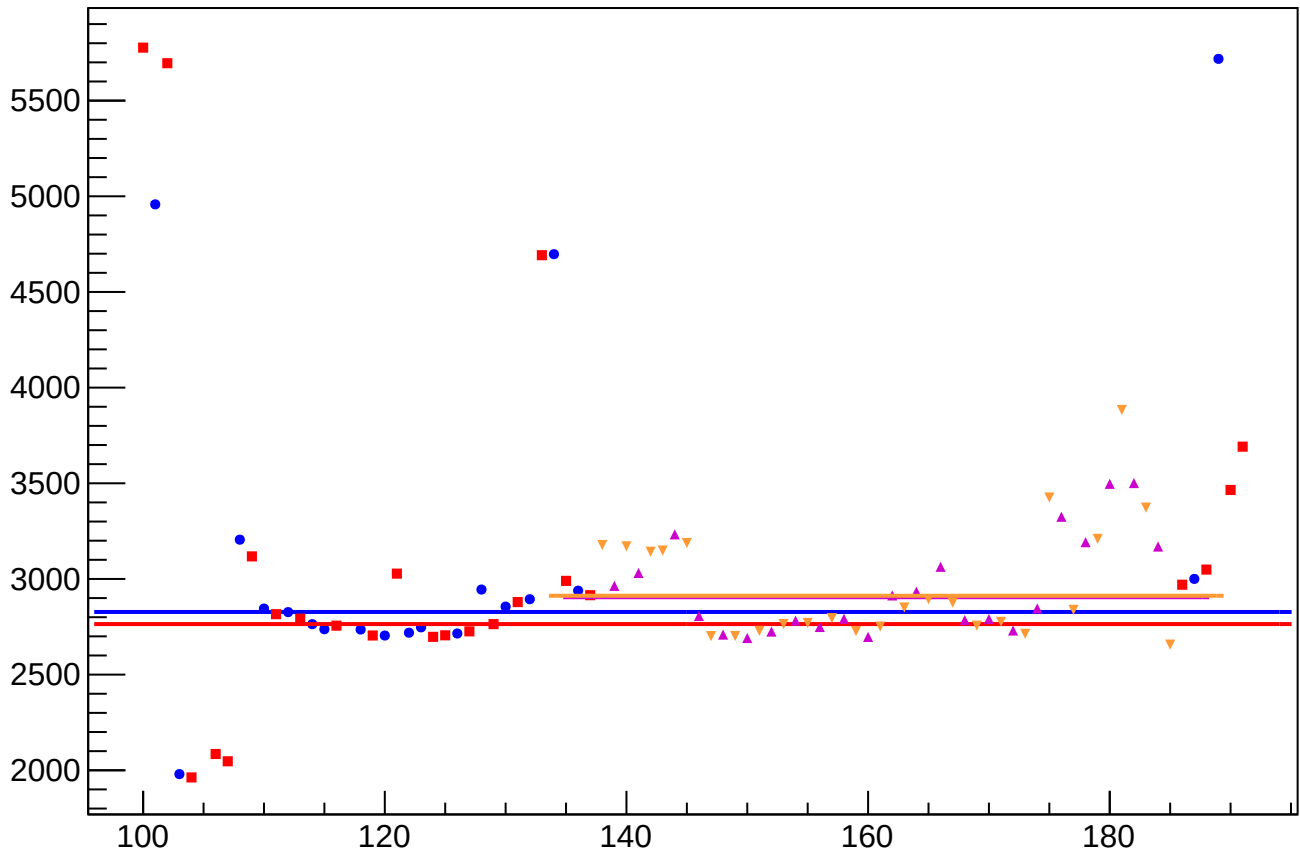
Left In: -3106.878 $\pm$ 695.685 χ^2 /NDF:18.4/22

+ sign 2091.233 $\pm$ 576.975 χ^2 /NDF: 32.8/43

All: -249.175 $\pm$ 402.938 χ^2 /NDF: 112.3/89

- sign -2477.294 $\pm$ 562.964 χ^2 /NDF: 47.4/45

dit_asym_atr2_rms vs Slug



Right In: 2827.487 ± 0.758 χ^2/NDF : 747172.3/18

Left Out: 2912.211 ± 0.484 χ^2/NDF : 290908.5/24

Right Out: 2764.201 ± 0.677 χ^2/NDF : 854917.2/22

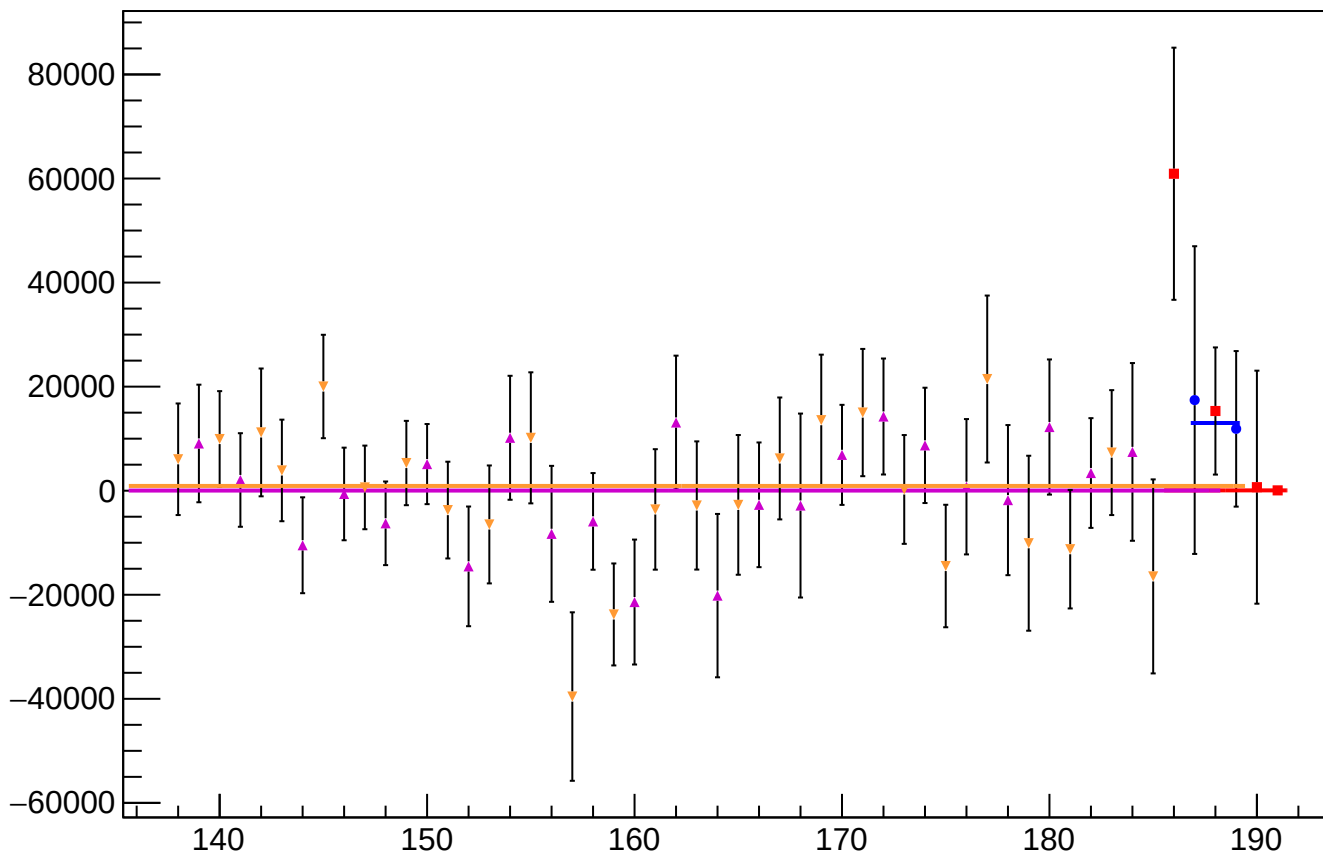
Left In: 2904.472 ± 0.492 χ^2/NDF : 217578.9/22

+ sign 2887.658 ± 0.408 χ^2/NDF : 1046956.5/43

All: 2871.458 ± 0.285 χ^2/NDF : 2150604.6/89

- sign 2856.039 ± 0.398 χ^2/NDF : 1100570.8/45

asym_atr2_correction_mean vs Slug



Right In: 13013.187 $\pm$ 13341.671 χ^2 /NDF: 0.0/1

Left Out: 916.096 $\pm$ 2238.762 χ^2 /NDF: 28.7/24

Right Out: 62.851 $\pm$ 29.129 χ^2 /NDF: 7.9/3

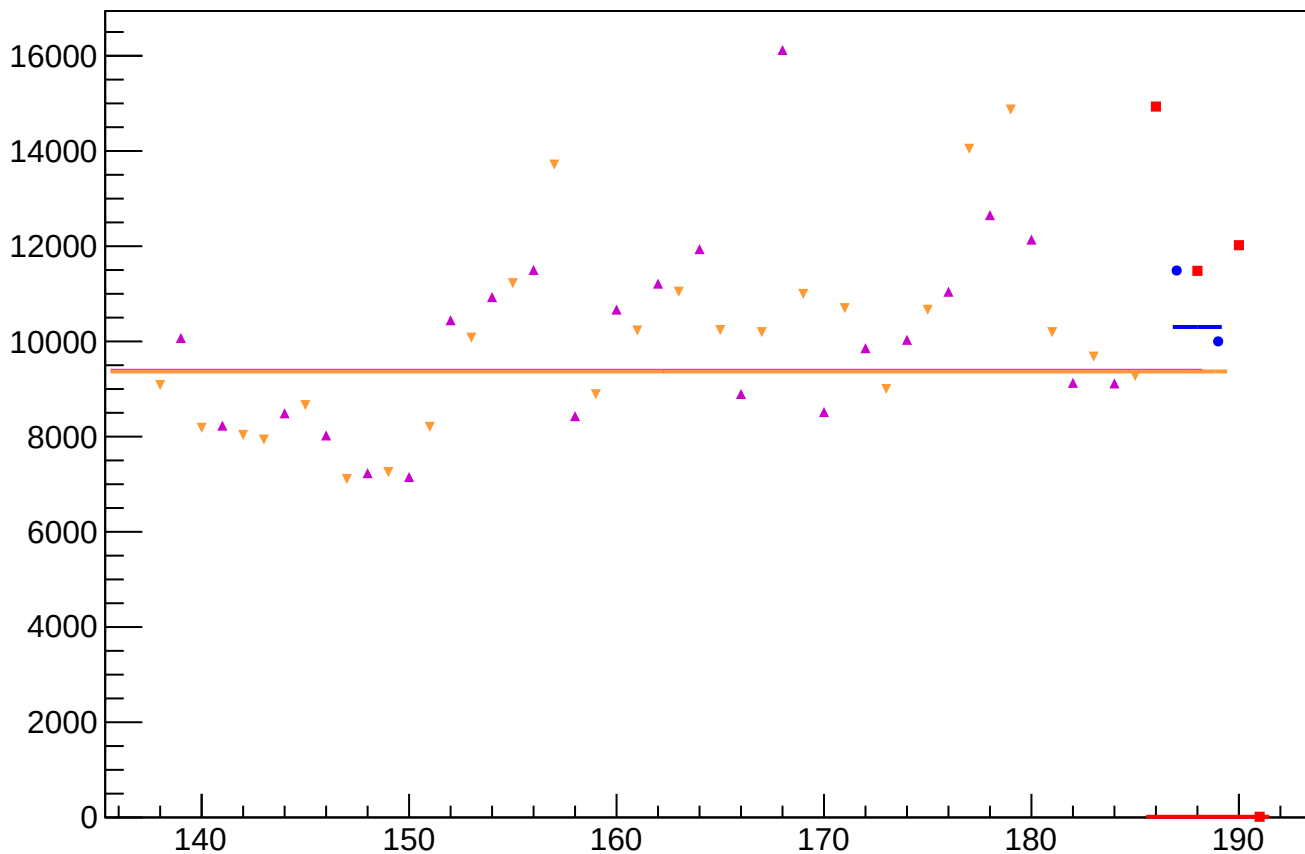
Left In: 25.729 $\pm$ 2280.428 χ^2 /NDF: 16.1/22

+ sign 1247.392 $\pm$ 2207.894 χ^2 /NDF: 29.6/26

All: 63.051 $\pm$ 29.124 χ^2 /NDF: 53.8/53

- sign 62.845 $\pm$ 29.127 χ^2 /NDF: 24.0/26

asym_atr2_correction_rms vs Slug



Right In: 10303.604 $\pm$ 9.434 χ^2 /NDF: 4036.5/1

Left Out: 9369.034 $\pm$ 1.583 χ^2 /NDF:1183012.4/24

Right Out: 14.545 $\pm$ 0.021 χ^2 /NDF: 3094655.2/3

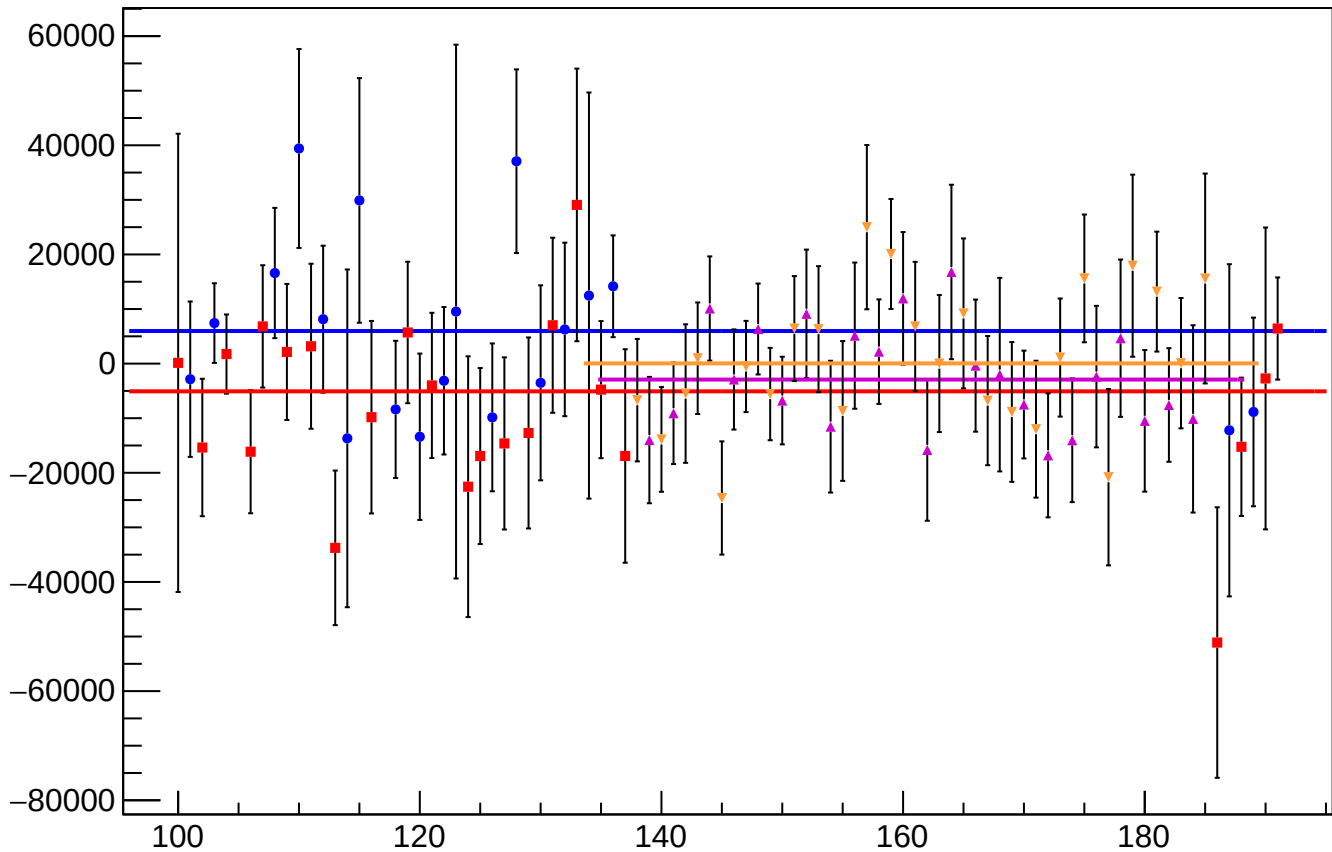
Left In: 9382.727 $\pm$ 1.613 χ^2 /NDF:1205648.8/22

+ sign 9394.629 $\pm$ 1.561 χ^2 /NDF: 1196593.8/26

All: 17.705 $\pm$ 0.021 χ^2 /NDF: 75324345.1/53

- sign 16.073 $\pm$ 0.021 χ^2 /NDF: 38047460.7/26

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: -5079.027 $\pm$ 2883.831 χ^2 /NDF: 19.2/22

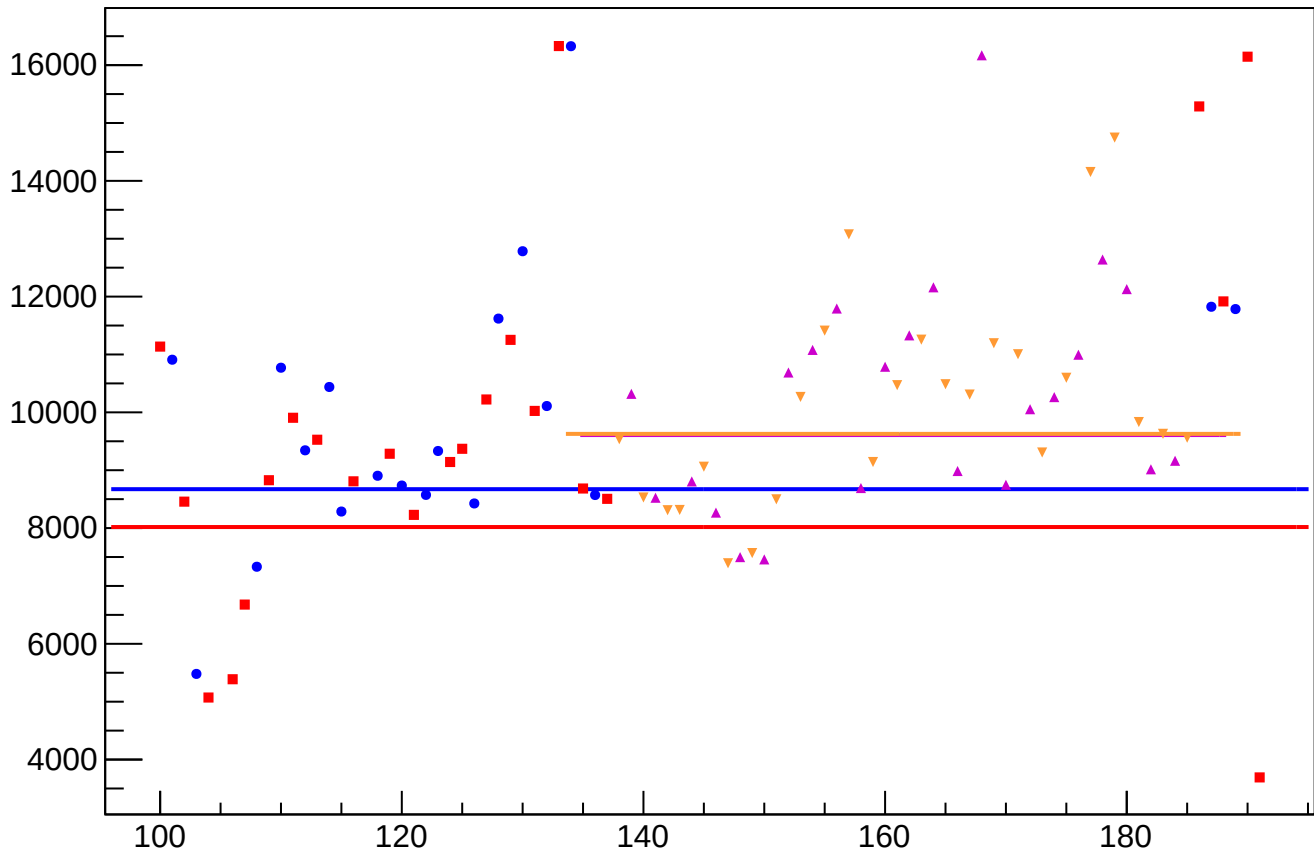
Left In: -2925.533 $\pm$ 2330.587 χ^2 /NDF: 14.6/22

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

All: -1012.911 $\pm$ 1305.781 χ^2 /NDF: 83.5/89

- sign -3776.340 $\pm$ 1812.648 χ^2 /NDF: 34.2/45

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: 8018.019+/-2.039 χ^2/NDF : 1914137.2/22

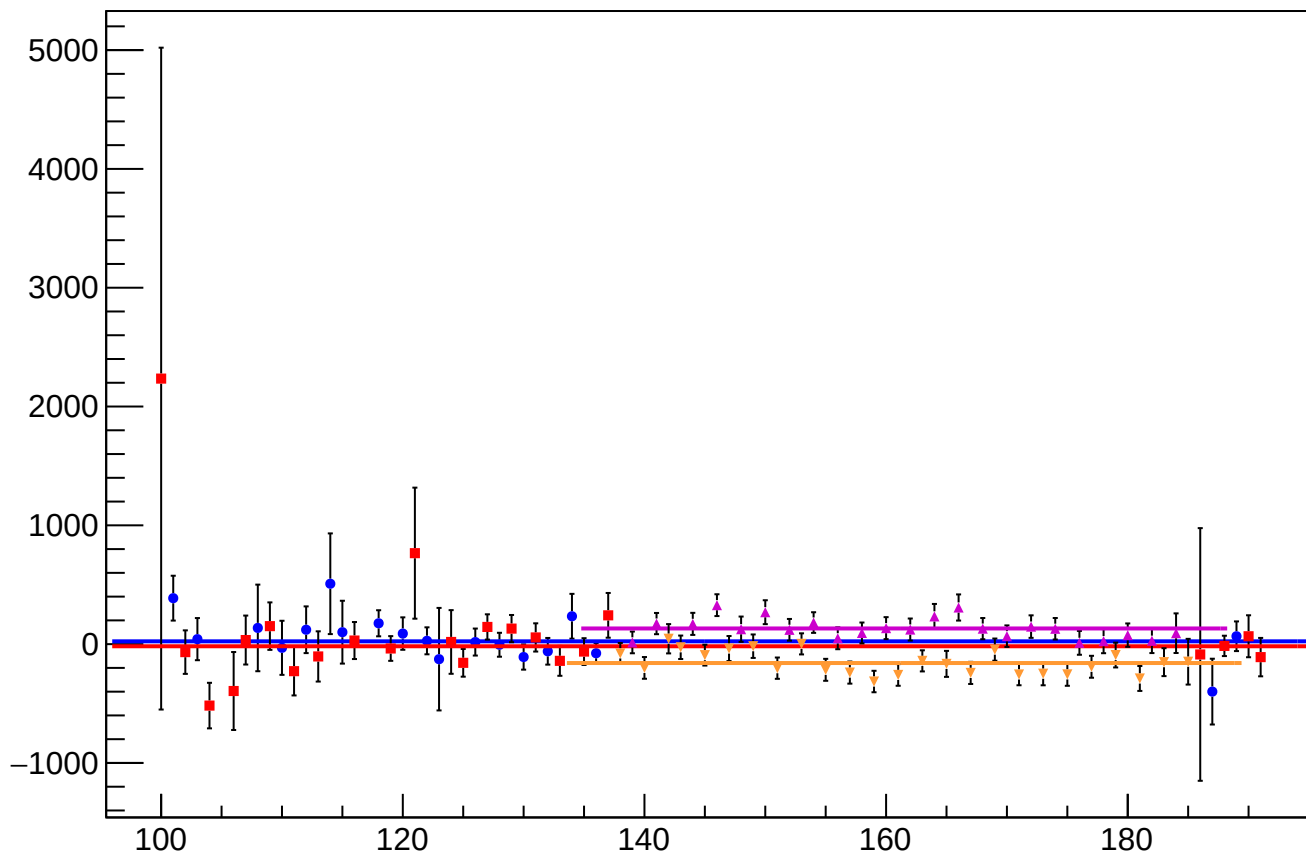
Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

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

All: 9142.173+/-0.923 χ^2/NDF : 5371595.5/89

- sign 8979.527+/-1.282 χ^2/NDF : 3367179.1/45

dit_asym_sam1_mean vs Slug



Right In: 23.709 ± 32.603 χ^2/NDF : 15.1/18

Left Out: -158.948 ± 19.453 χ^2/NDF : 25.8/24

Right Out: -17.909 ± 31.641 χ^2/NDF : 22.4/22

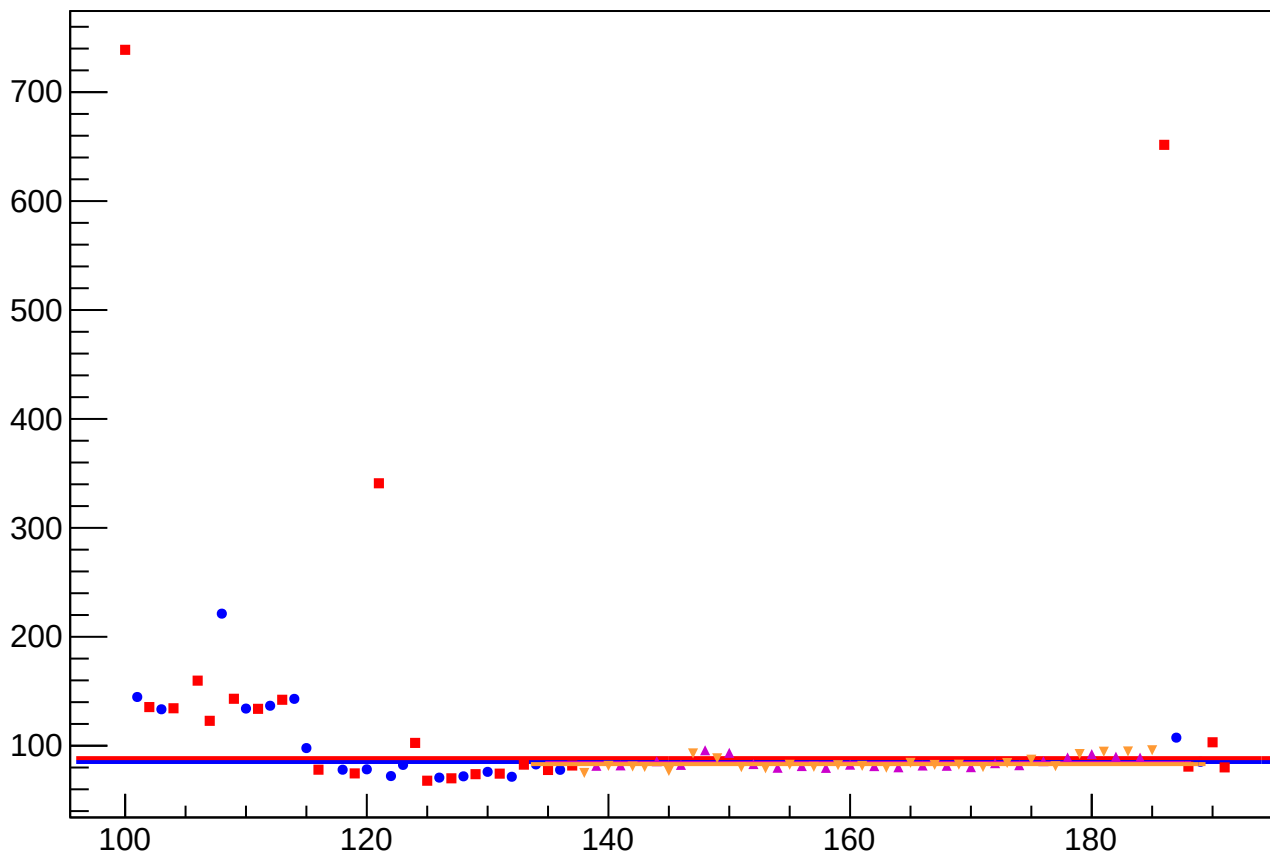
Left In: 131.879 ± 20.076 χ^2/NDF : 17.8/22

+ sign -110.993 ± 16.706 χ^2/NDF : 64.0/43

All: -12.516 ± 11.899 χ^2/NDF : 190.7/89

- sign 88.886 ± 16.952 χ^2/NDF : 56.2/45

dit_asym_sam1_rms vs Slug



Right In: 85.087 $\pm$ 0.023 χ^2 /NDF: 1077654.5/18

Left Out: 83.126 $\pm$ 0.014 χ^2 /NDF: 138741.0/24

Right Out: 88.613 $\pm$ 0.022 χ^2 /NDF: 2155934.3/22

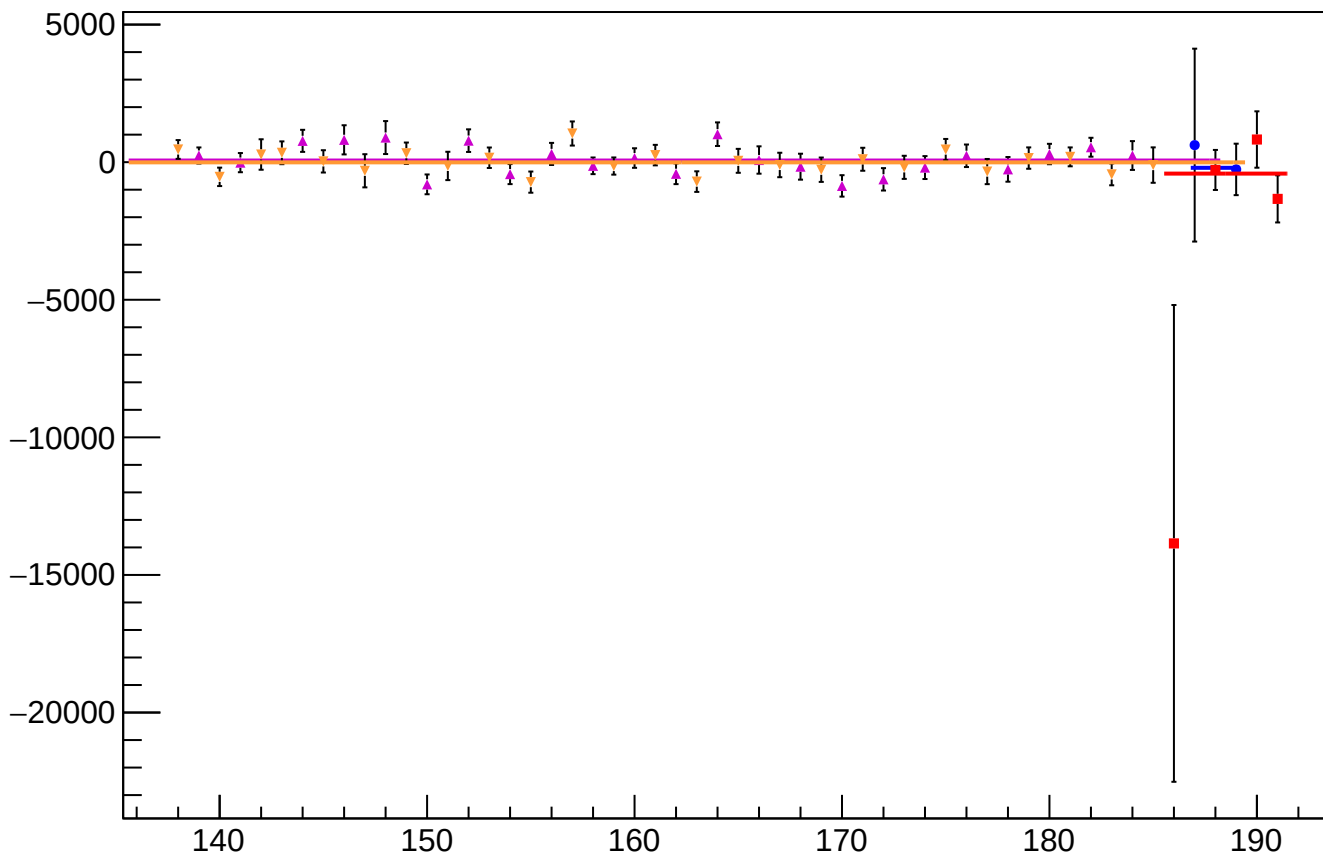
Left In: 84.108 $\pm$ 0.014 χ^2 /NDF: 96934.3/22

+ sign 83.641 $\pm$ 0.012 χ^2 /NDF: 1221727.5/43

All: 84.508 $\pm$ 0.008 χ^2 /NDF: 3514434.8/89

- sign 85.401 $\pm$ 0.012 χ^2 /NDF: 2281765.9/45

asym_sam1_correction_mean vs Slug



Right In: -204.607 $\pm$ 903.388 χ^2 /NDF: 0.1/1

Left Out: -6.627 $\pm$ 81.138 χ^2 /NDF: 24.4/24

Right Out: -415.459 $\pm$ 486.813 χ^2 /NDF: 5.1/3

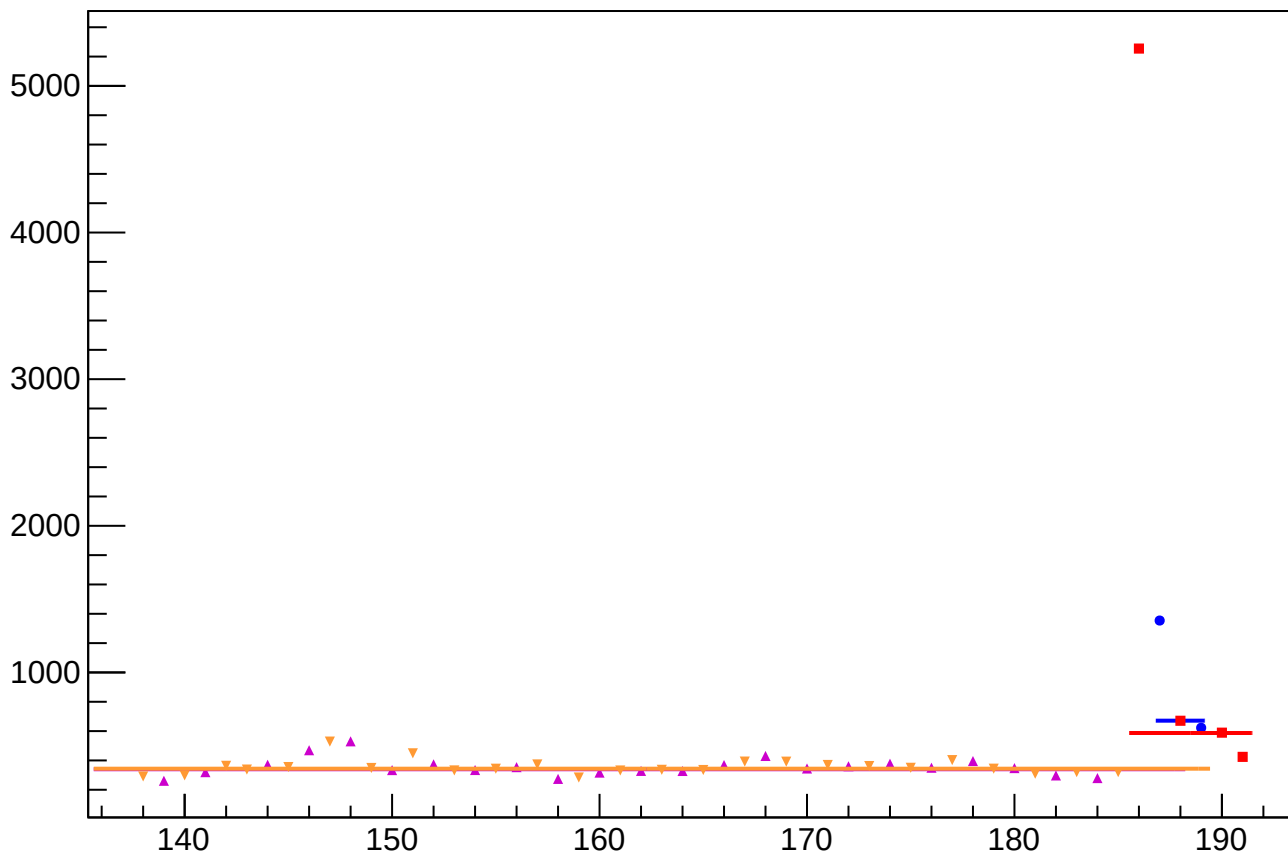
Left In: 59.971 $\pm$ 82.046 χ^2 /NDF: 38.0/22

+ sign -8.212 $\pm$ 80.813 χ^2 /NDF: 24.5/26

All: 19.282 $\pm$ 57.176 χ^2 /NDF: 68.7/53

- sign 46.840 $\pm$ 80.905 χ^2 /NDF: 44.0/26

asym_sam1_correction_rms vs Slug



Right In: 671.118 $\pm$ 0.639 χ^2 /NDF: 81322.8/1

Left Out: 343.620 $\pm$ 0.057 χ^2 /NDF: 571090.7/24

Right Out: 587.118 $\pm$ 0.344 χ^2 /NDF: 679174.2/3

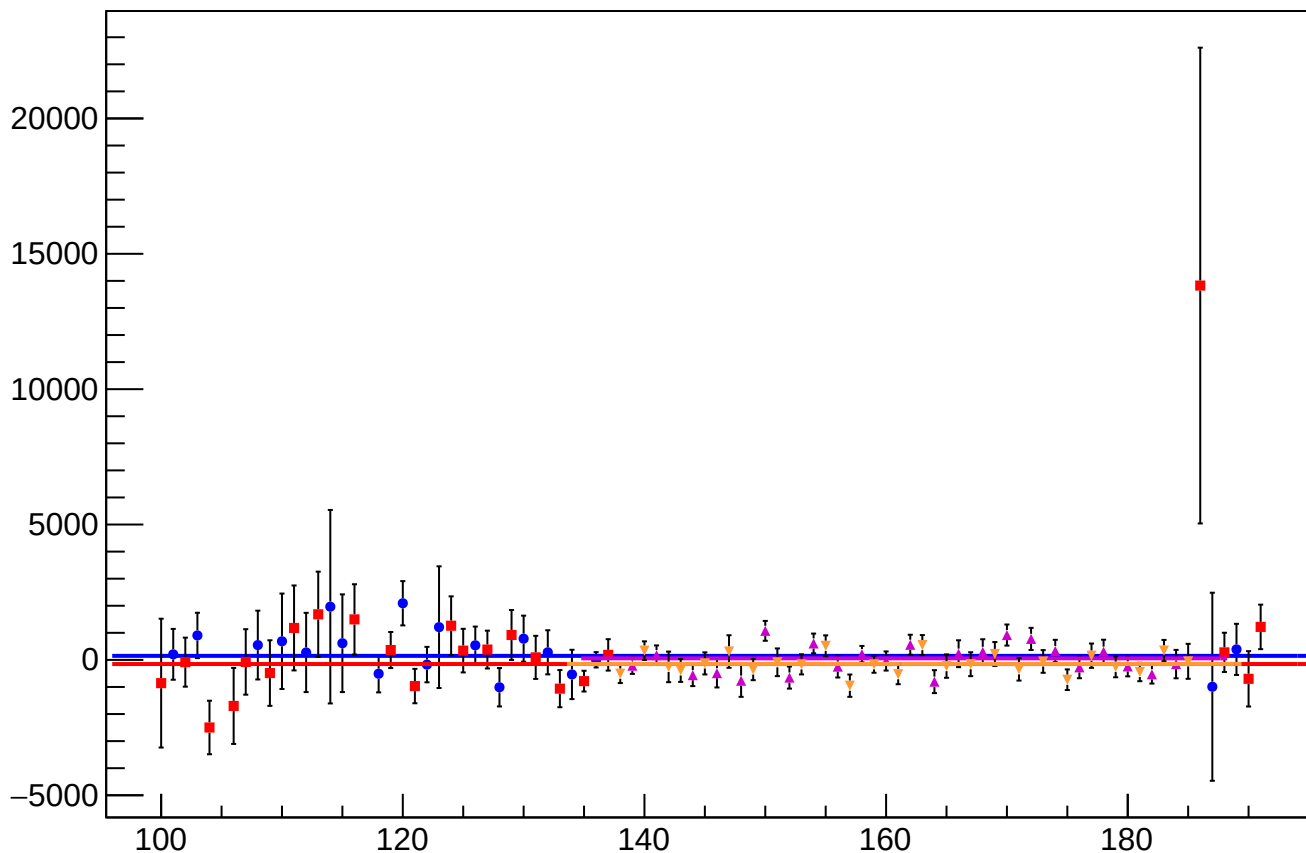
Left In: 339.804 $\pm$ 0.058 χ^2 /NDF: 799750.5/22

+ sign 346.241 $\pm$ 0.057 χ^2 /NDF: 913154.7/26

All: 346.438 $\pm$ 0.040 χ^2 /NDF: 2894028.2/53

- sign 346.635 $\pm$ 0.057 χ^2 /NDF: 1980849.7/26

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: -152.841+/-171.771 χ^2/NDF : 27.8/22

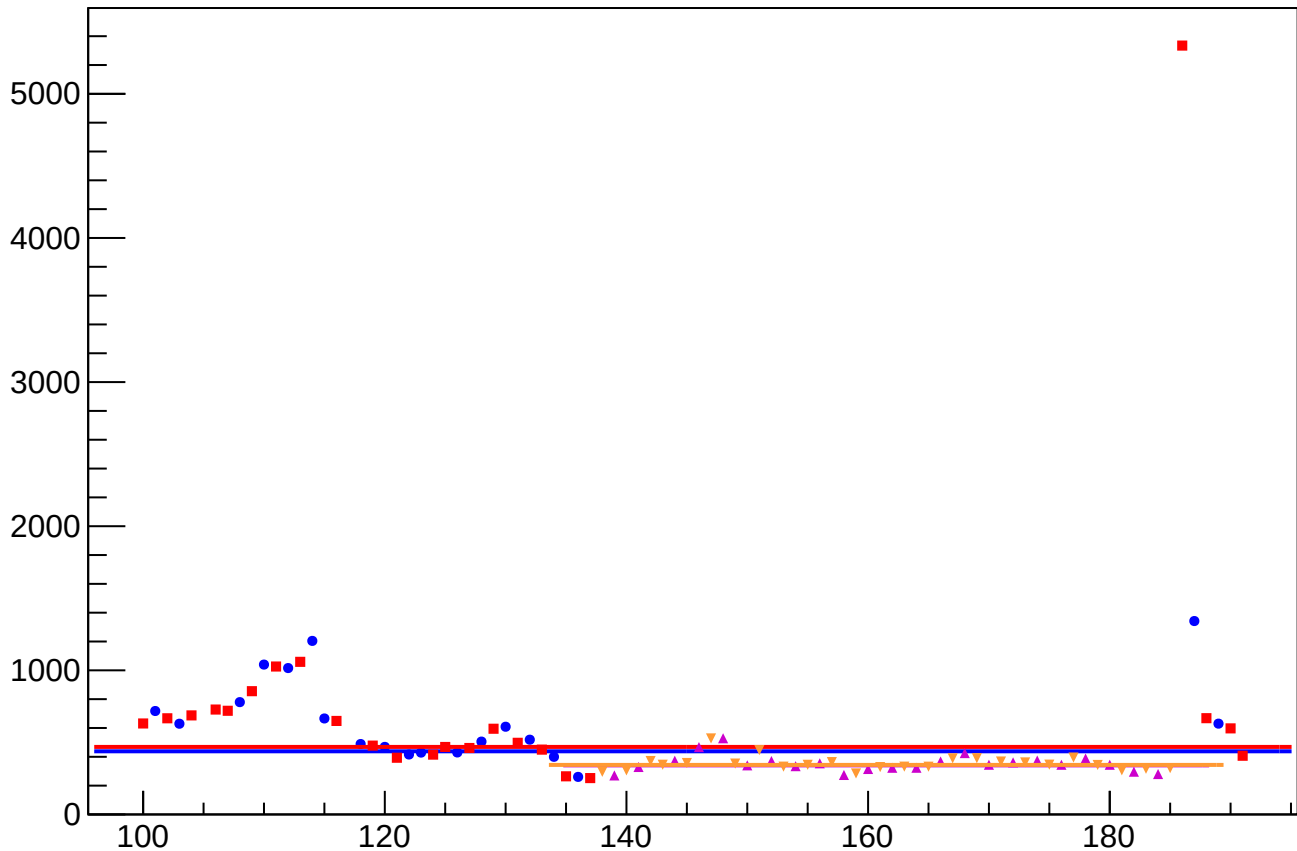
Left In: 56.402+/-82.155 χ^2/NDF : 39.7/22

+ sign -96.661+/-73.584 χ^2/NDF : 37.3/43

All: -40.016+/-52.218 χ^2/NDF : 107.3/89

- sign 17.448+/-74.114 χ^2/NDF : 68.7/45

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: 468.614 $\pm$ 0.121 χ^2 /NDF: 2862220.2/22

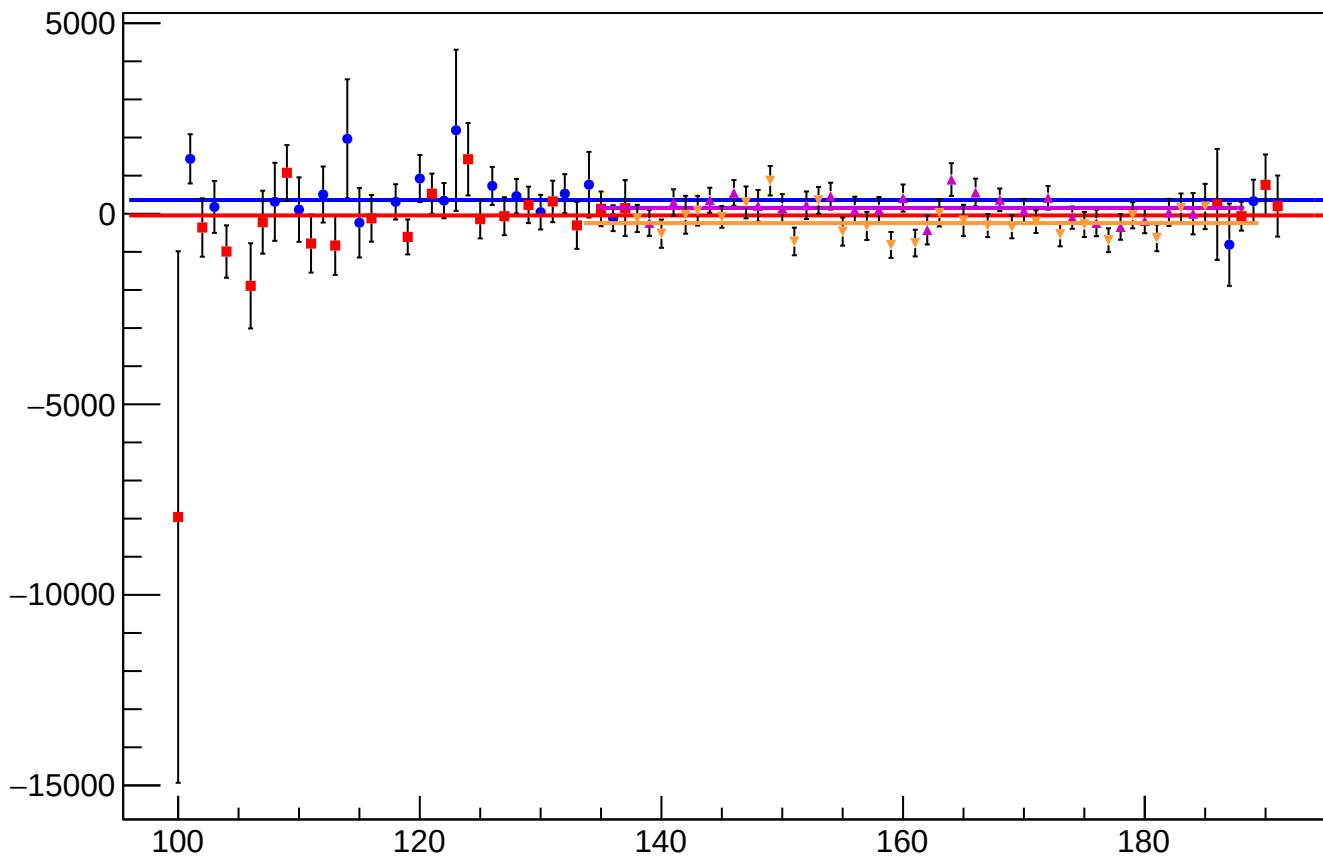
Left In: 340.519 $\pm$ 0.058 χ^2 /NDF: 737049.6/22

+ sign 360.291 $\pm$ 0.052 χ^2 /NDF: 3250537.9/43

All: 362.314 $\pm$ 0.037 χ^2 /NDF: 7758019.8/89

- sign 364.366 $\pm$ 0.052 χ^2 /NDF: 4504436.4/45

dit_asym_sam2_mean vs Slug



Right In: 359.996 ± 135.871 χ^2/NDF : 10.6/18

Left Out: -244.459 ± 70.636 χ^2/NDF : 28.9/24

Right Out: -43.660 ± 130.022 χ^2/NDF : 18.0/22

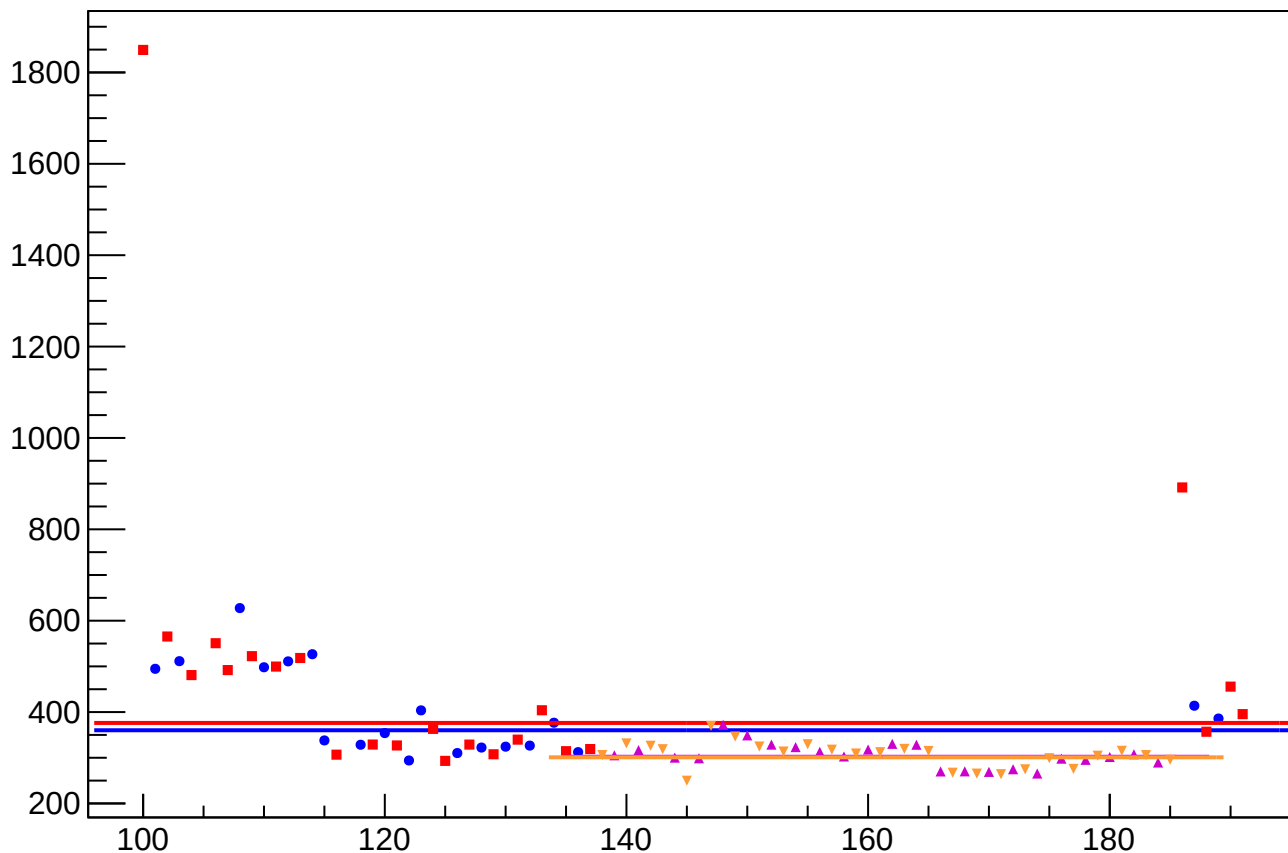
Left In: 152.030 ± 72.312 χ^2/NDF : 18.2/22

+ sign -115.851 ± 62.673 χ^2/NDF : 55.1/43

All: -5.946 ± 44.500 χ^2/NDF : 99.2/89

- sign 105.801 ± 63.196 χ^2/NDF : 37.9/45

dit_asym_sam2_rms vs Slug



Right In: 360.193+/-0.096 χ^2/NDF : 639406.9/18

Left Out: 300.961+/-0.050 χ^2/NDF : 322200.5/24

Right Out: 376.236+/-0.092 χ^2/NDF : 1064726.1/22

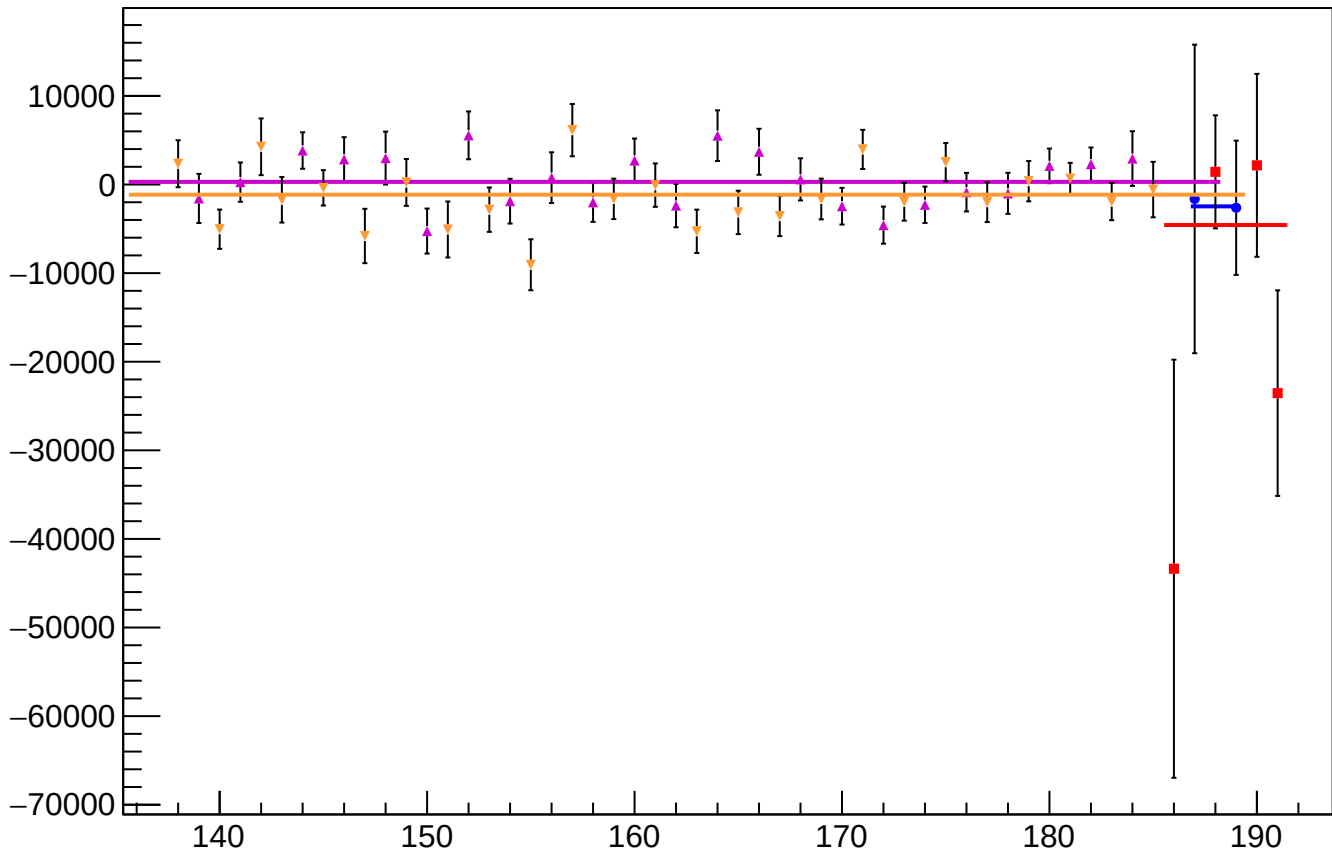
Left In: 302.180+/-0.051 χ^2/NDF : 247468.9/22

+ sign 313.563+/-0.044 χ^2/NDF : 1260833.0/43

All: 316.593+/-0.031 χ^2/NDF : 3077996.3/89

- sign 319.674+/-0.045 χ^2/NDF : 1807734.6/45

asym_sam2_correction_mean vs Slug



Right In: -2464.651+/-6948.113 χ^2 /NDF: 0.0/1

Left Out: -1146.466+/-479.950 χ^2 /NDF: 41.3/24

Right Out: -4573.489+/-4812.949 χ^2 /NDF: 6.7/3

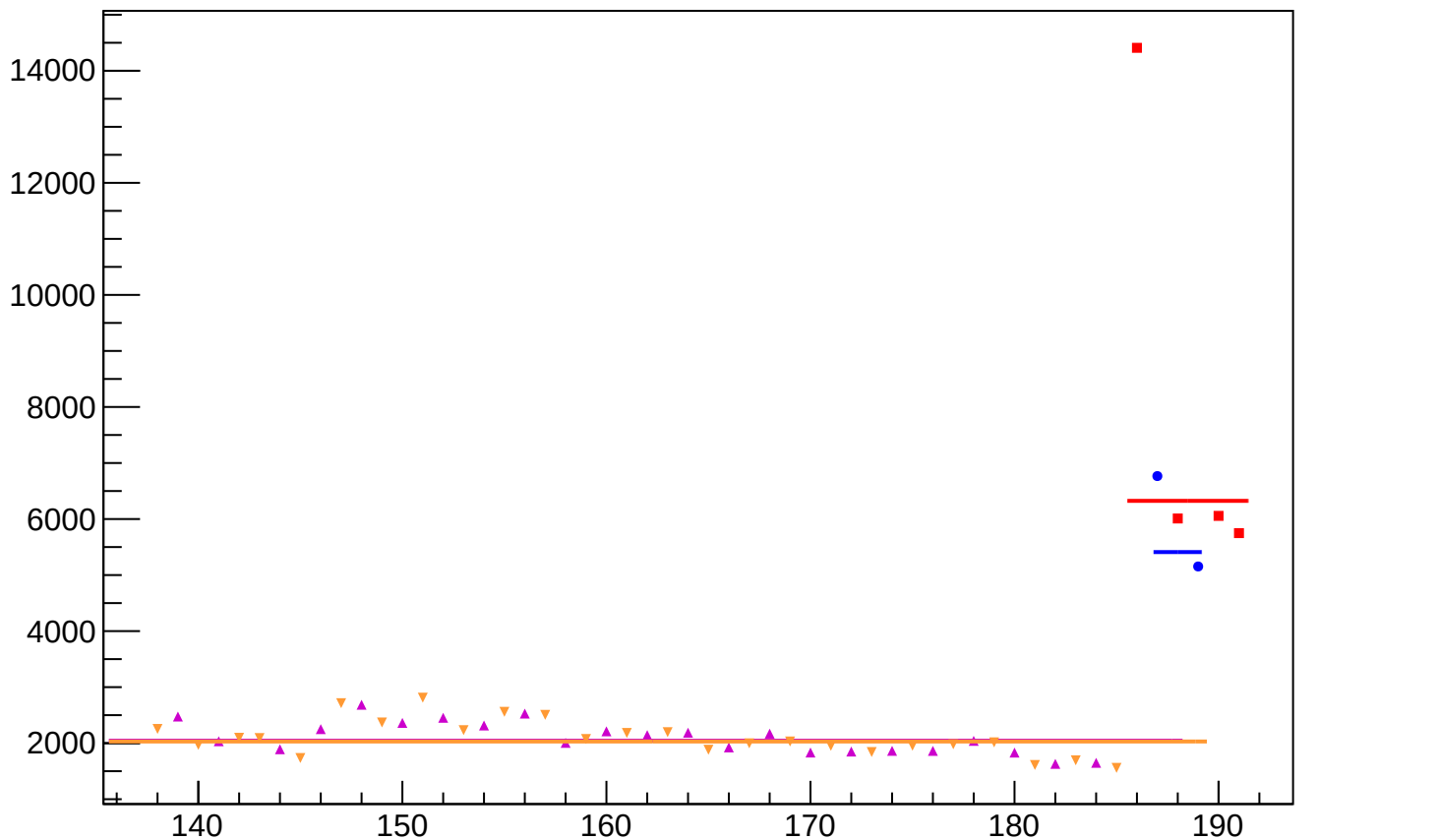
Left In: 298.915+/-491.476 χ^2 /NDF: 35.0/22

+ sign -1152.726+/-478.809 χ^2 /NDF: 41.3/26

All: -466.705+/-342.093 χ^2 /NDF: 88.2/53

- sign 248.632+/-488.933 χ^2 /NDF: 42.7/26

asym_sam2_correction_rms vs Slug



Right In: 5410.361+/-4.913 χ^2/NDF : 14433.8/1

Left Out: 2030.179+/-0.339 χ^2/NDF : 702523.9/24

Right Out: 6324.592+/-3.403 χ^2/NDF : 245962.0/3

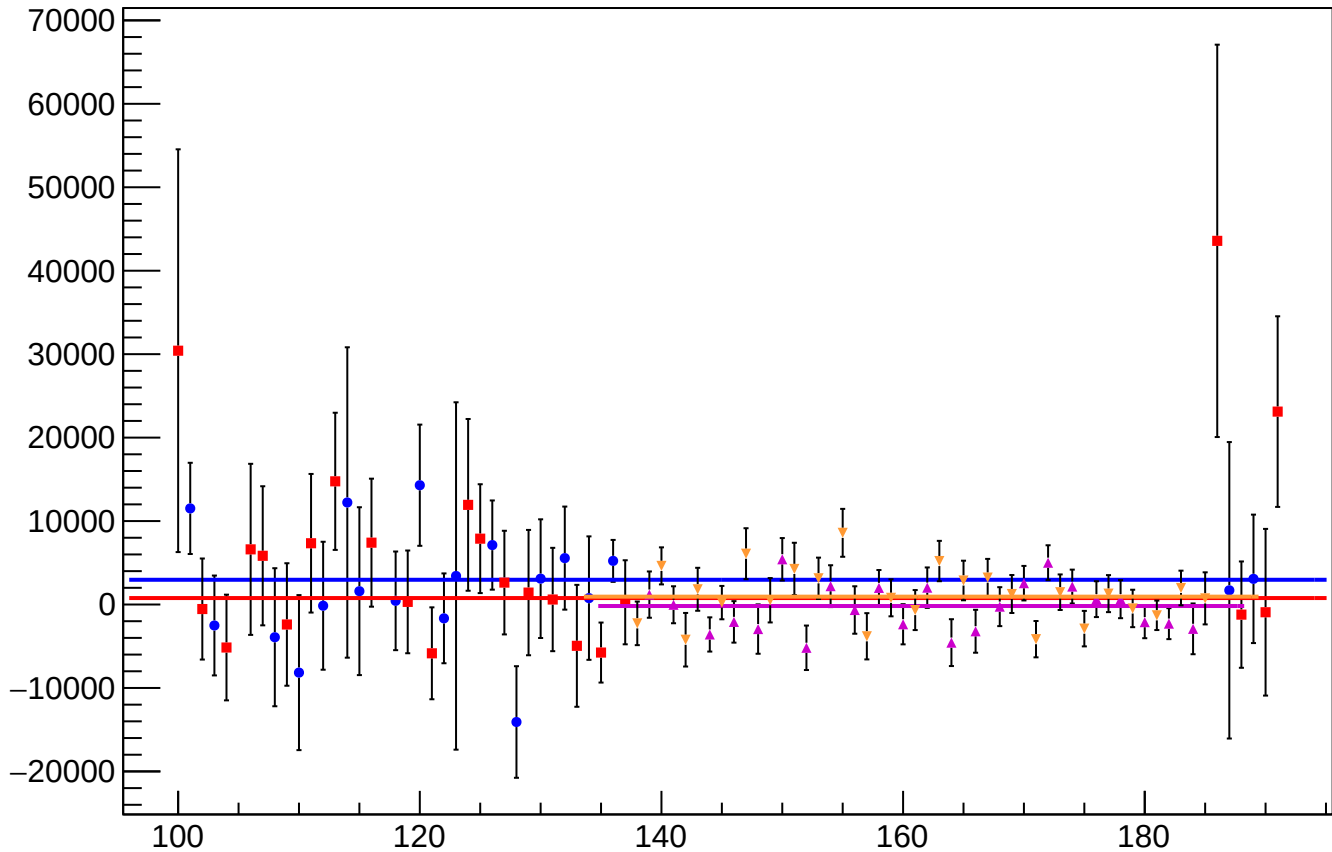
Left In: 2044.056+/-0.348 χ^2/NDF : 570535.5/22

+ sign 2046.231+/-0.339 χ^2/NDF : 1188053.1/26

All: 2066.792+/-0.242 χ^2/NDF : 3577747.7/53

- sign 2088.231+/-0.346 χ^2/NDF : 2382161.5/26

asym_sam2_mean vs Slug



Right In: 2964.705 $\pm$ 1411.426 χ^2 /NDF: 17.4/18

Left Out: 942.775 $\pm$ 474.439 χ^2 /NDF: 38.3/24

Right Out: 773.796 $\pm$ 1436.770 χ^2 /NDF: 22.7/22

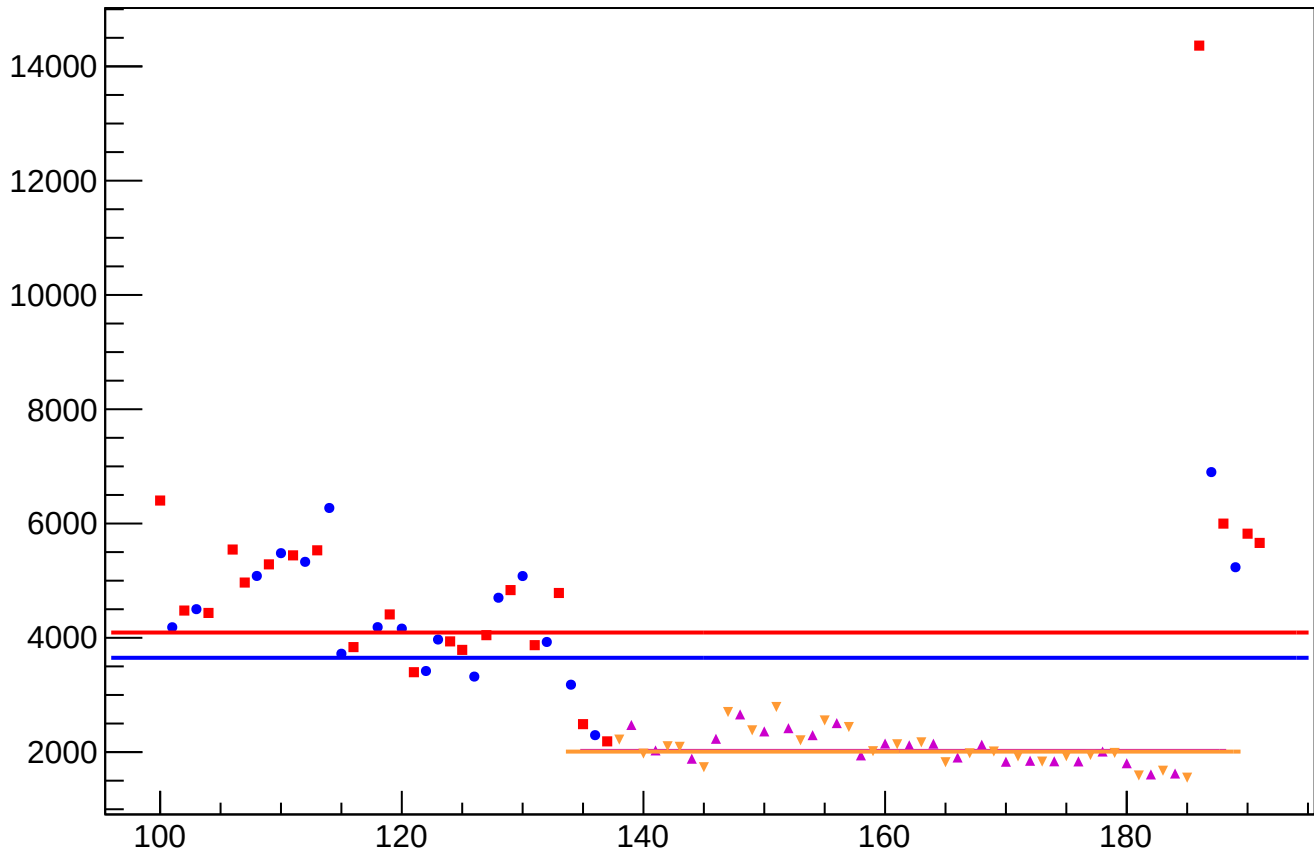
Left In: -180.087 $\pm$ 486.112 χ^2 /NDF: 32.9/22

+ sign 1148.042 $\pm$ 449.712 χ^2 /NDF: 57.5/43

All: 547.504 $\pm$ 321.731 χ^2 /NDF: 117.2/89

- sign -82.111 $\pm$ 460.470 χ^2 /NDF: 56.0/45

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: 4092.473+/-1.016 χ^2/NDF : 1687802.7/22

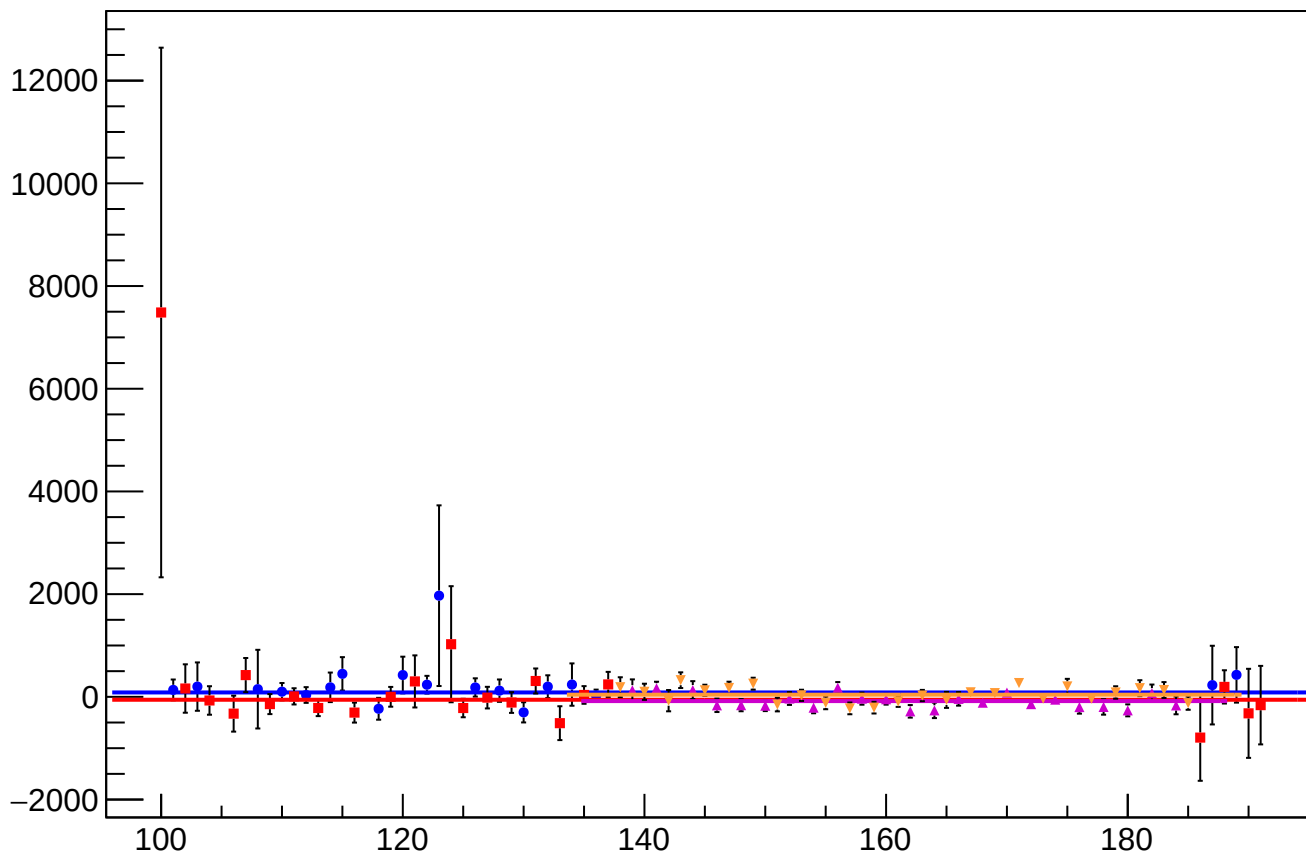
Left In: 2020.887+/-0.344 χ^2/NDF : 576363.5/22

+ sign 2175.539+/-0.318 χ^2/NDF : 4385869.5/43

All: 2203.916+/-0.227 χ^2/NDF : 10397065.9/8

- sign 2233.668+/-0.326 χ^2/NDF : 5994883.8/45

dit_asym_sam3_mean vs Slug



Right In: 85.665+/-51.552 χ^2/NDF : 12.0/18

Left Out: 41.847+/-23.035 χ^2/NDF : 39.1/24

Right Out: -56.698+/-52.144 χ^2/NDF : 17.9/22

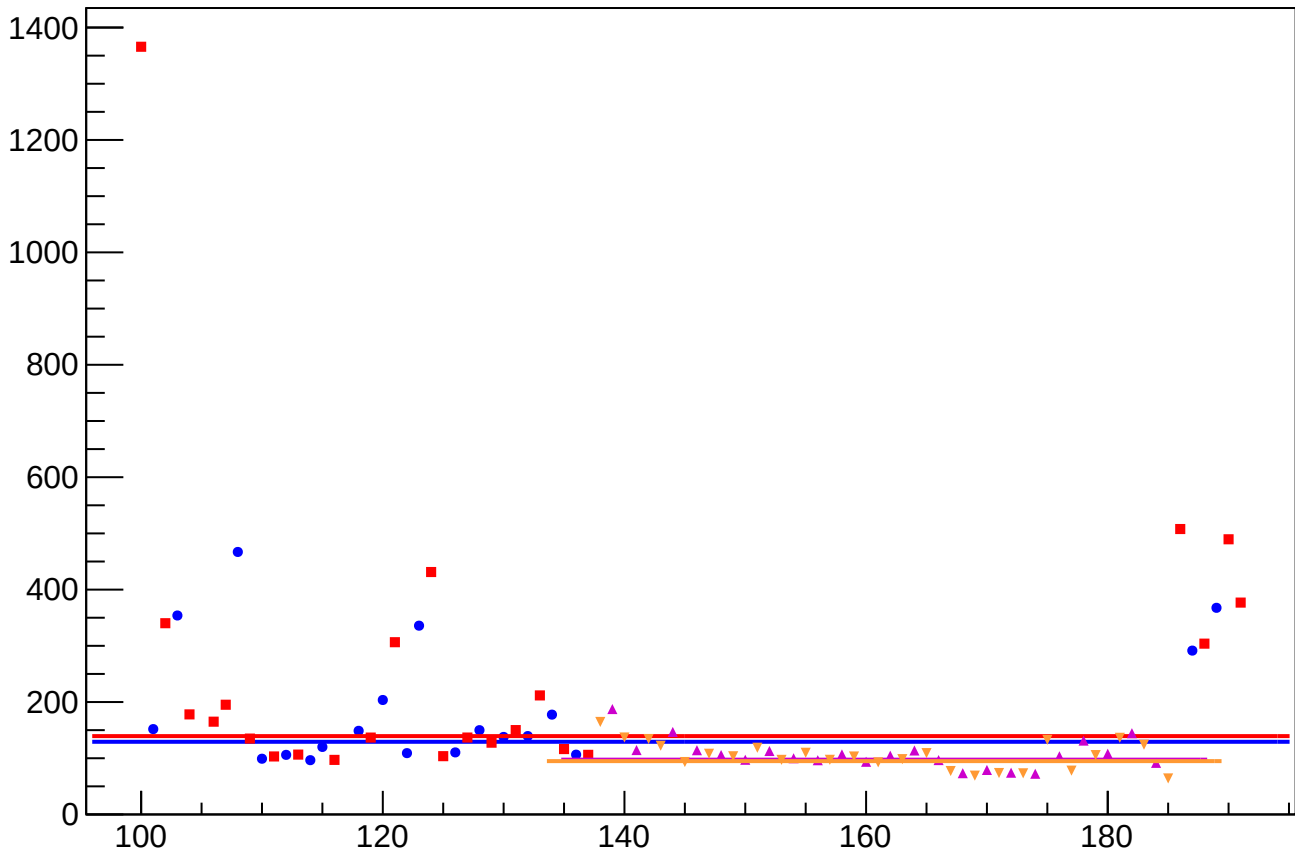
Left In: -82.630+/-24.154 χ^2/NDF : 28.6/22

+ sign 49.140+/-21.031 χ^2/NDF : 51.7/43

All: -11.834+/-15.175 χ^2/NDF : 115.9/89

- sign -78.049+/-21.917 χ^2/NDF : 46.7/45

dit_asym_sam3_rms vs Slug



Right In: 129.283 ± 0.036 χ^2/NDF : 1795749.7/18

Left Out: 94.886 ± 0.016 χ^2/NDF : 1796861.0/24

Right Out: 139.377 ± 0.037 χ^2/NDF : 2897627.8/22

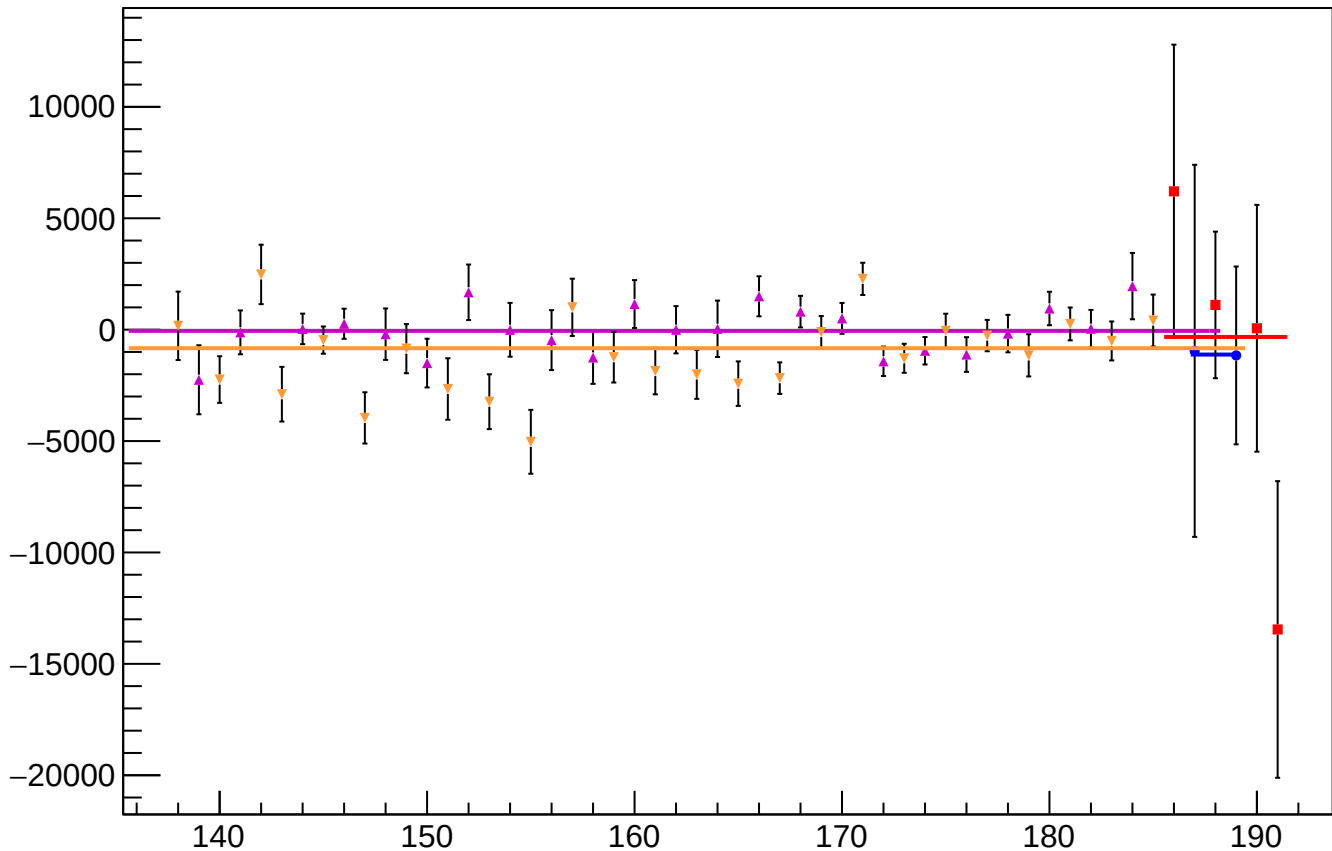
Left In: 97.499 ± 0.017 χ^2/NDF : 1561333.1/22

+ sign 100.611 ± 0.015 χ^2/NDF : 4334788.6/43

All: 102.666 ± 0.011 χ^2/NDF : 9895693.0/89

- sign 104.897 ± 0.015 χ^2/NDF : 5521091.0/45

asym_sam3_correction_mean vs Slug



Right In: -1117.930 ± 3600.516 χ^2/NDF : 0.0/1

Left Out: -832.580 ± 183.960 χ^2/NDF : 68.8/24

Right Out: -326.943 ± 2421.049 χ^2/NDF : 5.1/3

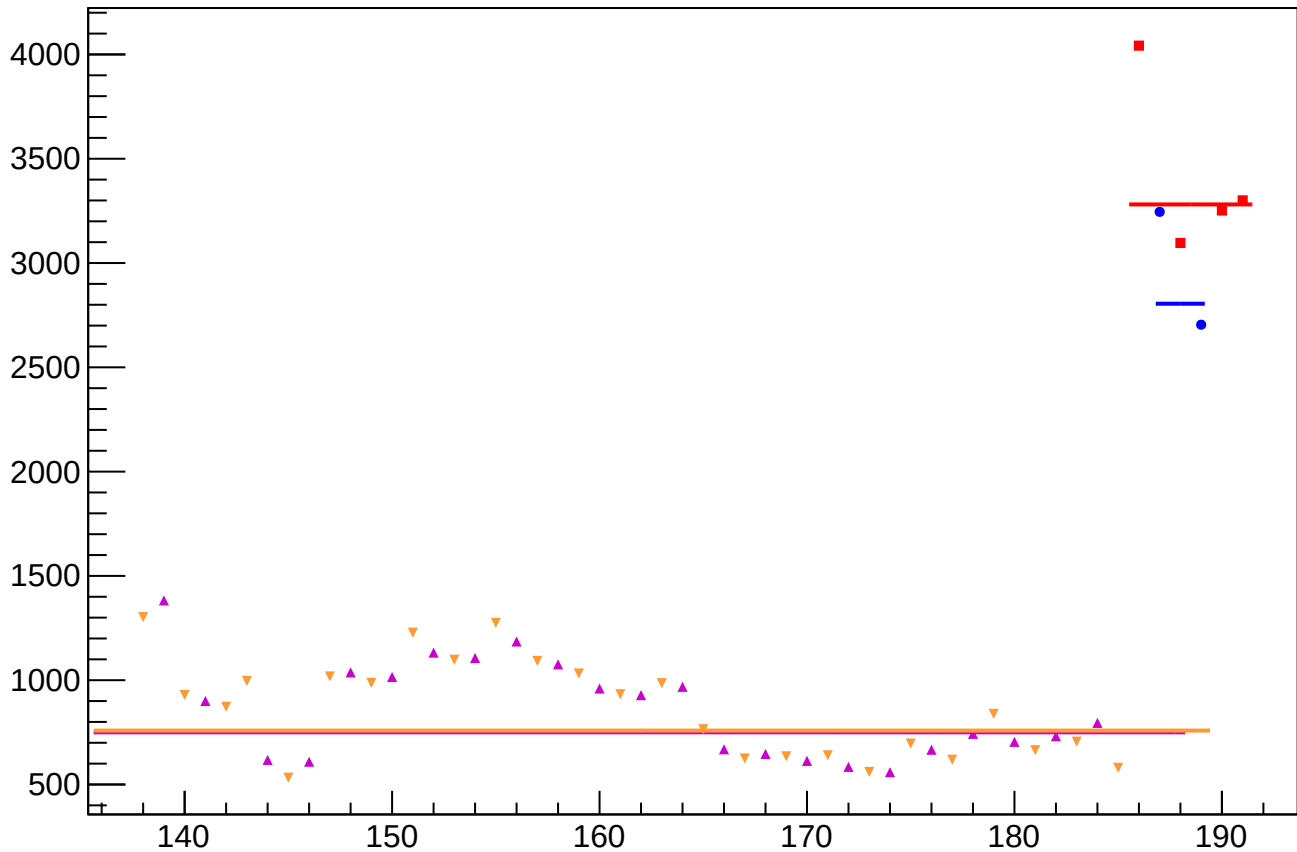
Left In: -53.006 ± 184.870 χ^2/NDF : 25.3/22

+ sign -833.323 ± 183.721 χ^2/NDF : 68.8/26

All: -445.255 ± 130.126 χ^2/NDF : 108.2/53

- sign -54.594 ± 184.334 χ^2/NDF : 30.4/26

asym_sam3_correction_rms vs Slug



Right In: 2804.944+/-2.546 χ^2/NDF : 6836.0/1

Left Out: 758.608+/-0.130 χ^2/NDF : 2453711.9/24

Right Out: 3280.973+/-1.712 χ^2/NDF : 33111.0/3

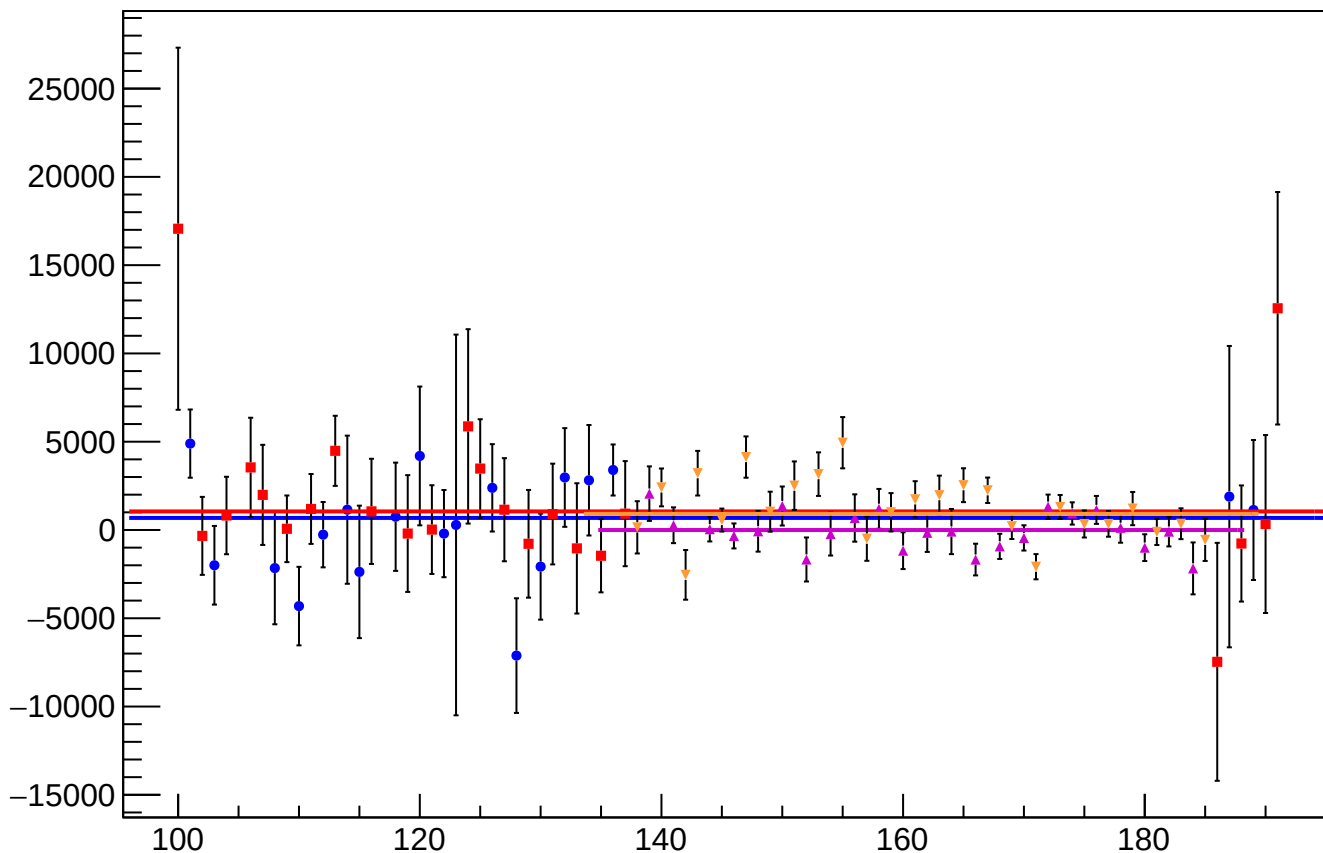
Left In: 749.995+/-0.131 χ^2/NDF : 2186634.5/22

+ sign 763.936+/-0.130 χ^2/NDF : 3104898.4/26

All: 764.300+/-0.092 χ^2/NDF : 7497734.5/53

- sign 764.667+/-0.130 χ^2/NDF : 4392820.2/26

asym_sam3_mean vs Slug



Right In: 683.693 ± 609.869 χ^2/NDF : 25.7/18

Left Out: 911.919 ± 186.104 χ^2/NDF : 64.9/24

Right Out: 1051.340 ± 584.167 χ^2/NDF : 16.0/22

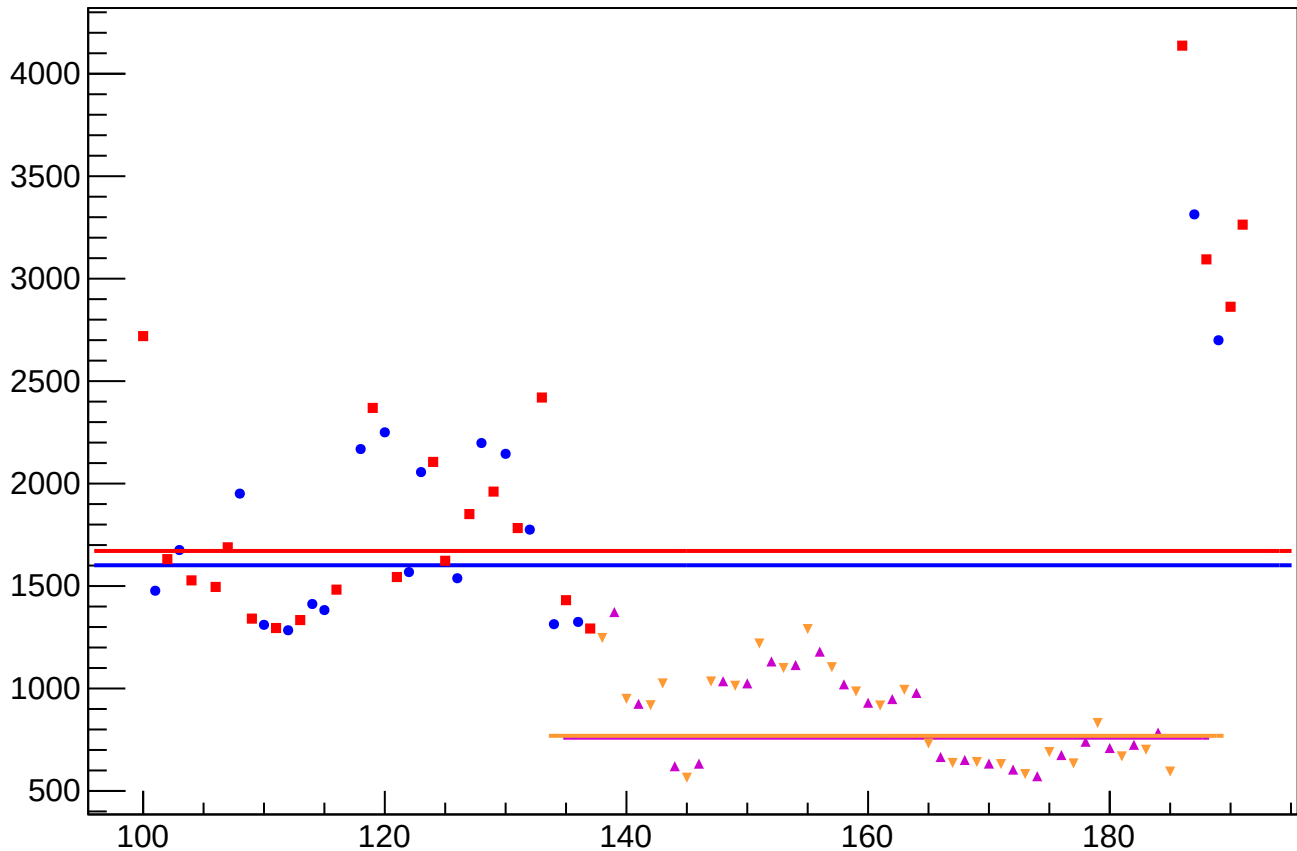
Left In: -2.470 ± 187.271 χ^2/NDF : 25.6/22

+ sign 892.477 ± 178.001 χ^2/NDF : 90.7/43

All: 494.847 ± 125.982 χ^2/NDF : 145.3/89

- sign 95.738 ± 178.332 χ^2/NDF : 44.5/45

asym_sam3_rms vs Slug



Right In: 1601.394 $\pm$ 0.431 χ^2 /NDF: 731499.4/18

Left Out: 769.207 $\pm$ 0.132 χ^2 /NDF: 2275390.6/24

Right Out: 1671.237 $\pm$ 0.413 χ^2 /NDF: 1385764.6/22

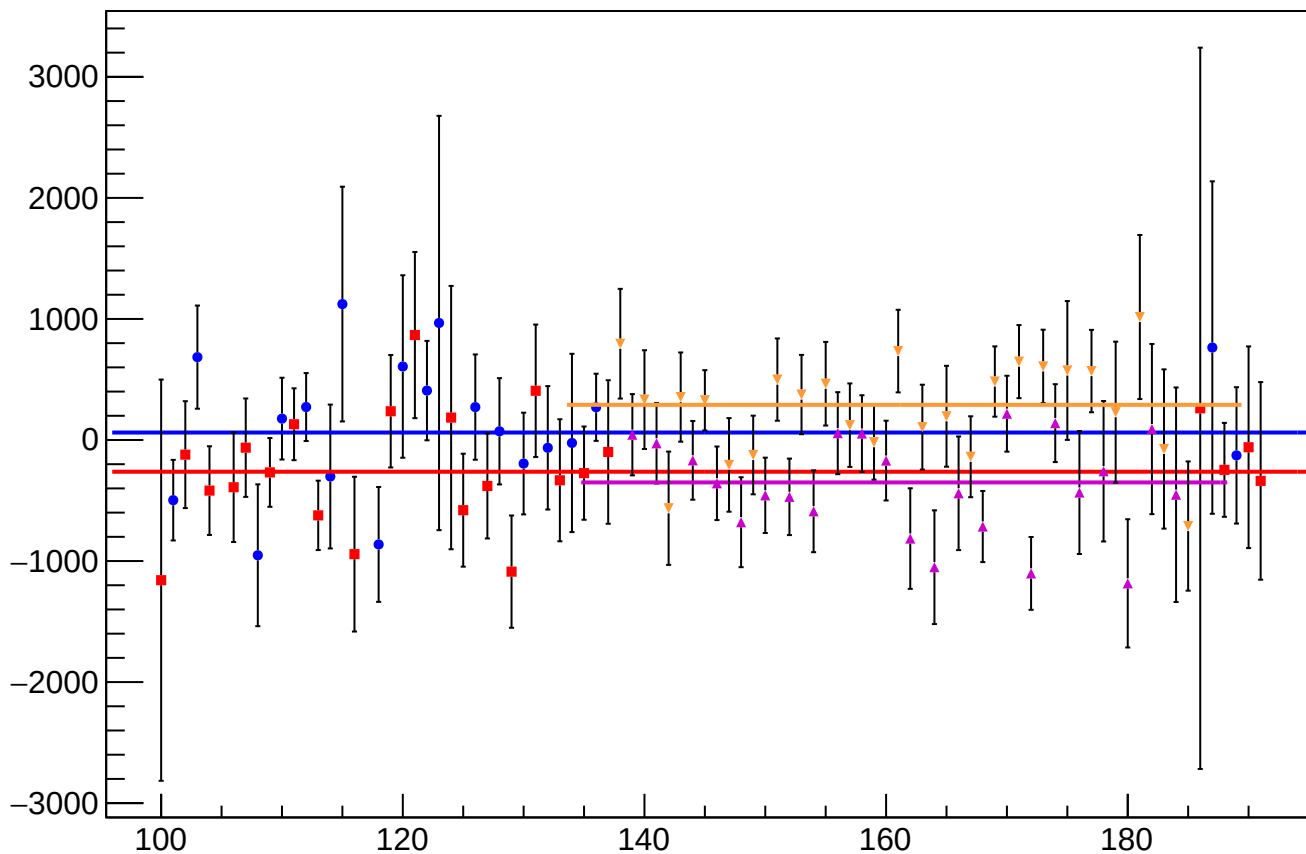
Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

+ sign 840.099 $\pm$ 0.126 χ^2 /NDF: 6413568.0/43

All: 842.476 $\pm$ 0.089 χ^2 /NDF: 14228383.3/89

- sign 844.862 $\pm$ 0.126 χ^2 /NDF: 7814100.5/45

dit_asym_sam4_mean vs Slug



Right In: 61.620 ± 103.248 $\chi^2/\text{NDF}: 17.1/18$

Left Out: 290.293 ± 72.910 $\chi^2/\text{NDF}: 22.3/24$

Right Out: -262.294 ± 94.938 $\chi^2/\text{NDF}: 14.8/22$

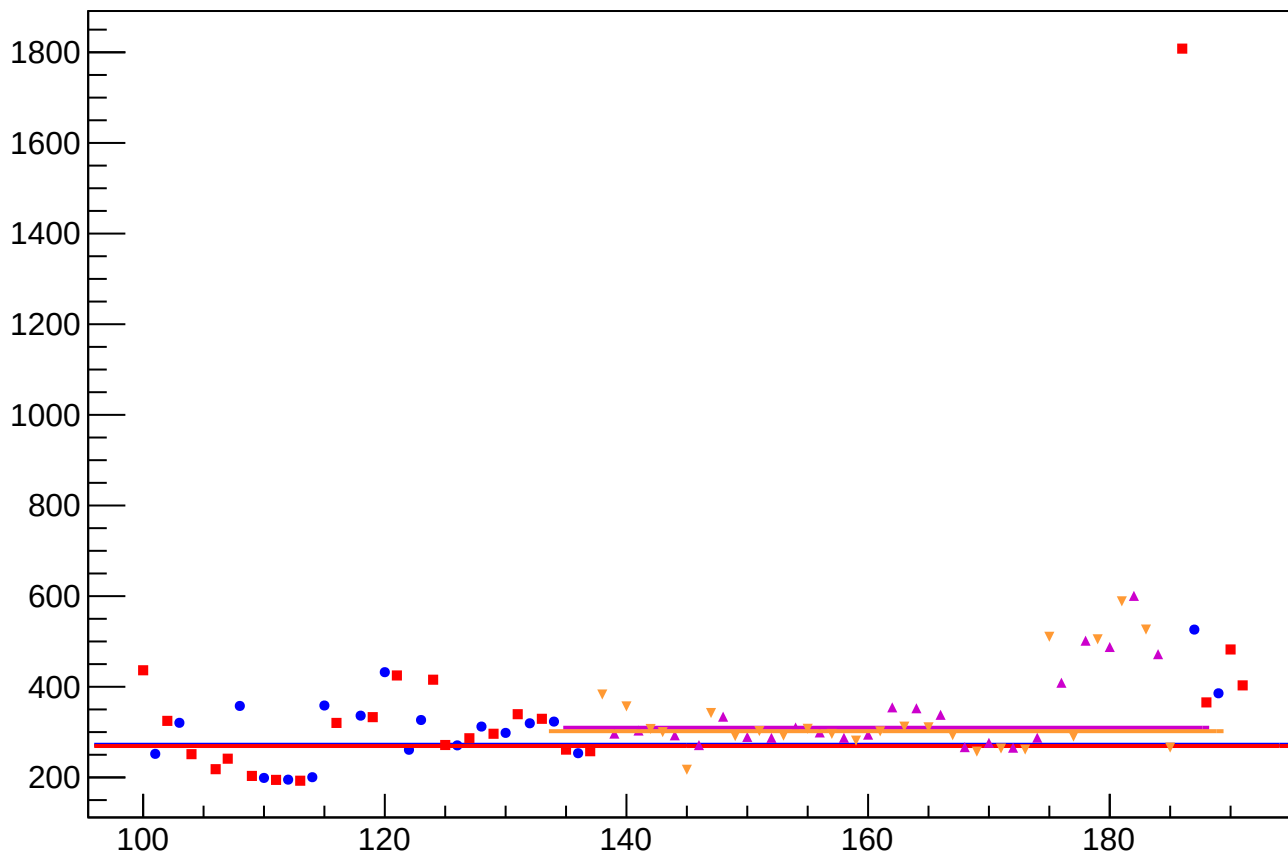
Left In: -350.522 ± 75.911 $\chi^2/\text{NDF}: 27.4/22$

+ sign 214.205 ± 59.557 $\chi^2/\text{NDF}: 42.8/43$

All: -52.153 ± 42.018 $\chi^2/\text{NDF}: 125.3/89$

- sign -316.114 ± 59.288 $\chi^2/\text{NDF}: 42.7/45$

dit_asym_sam4_rms vs Slug



Right In: 272.091 $\pm$ 0.073 χ^2 /NDF: 705904.7/18

Left Out: 302.040 $\pm$ 0.052 χ^2 /NDF:1597233.8/24

Right Out: 269.305 $\pm$ 0.067 χ^2 /NDF: 1572258.5/22

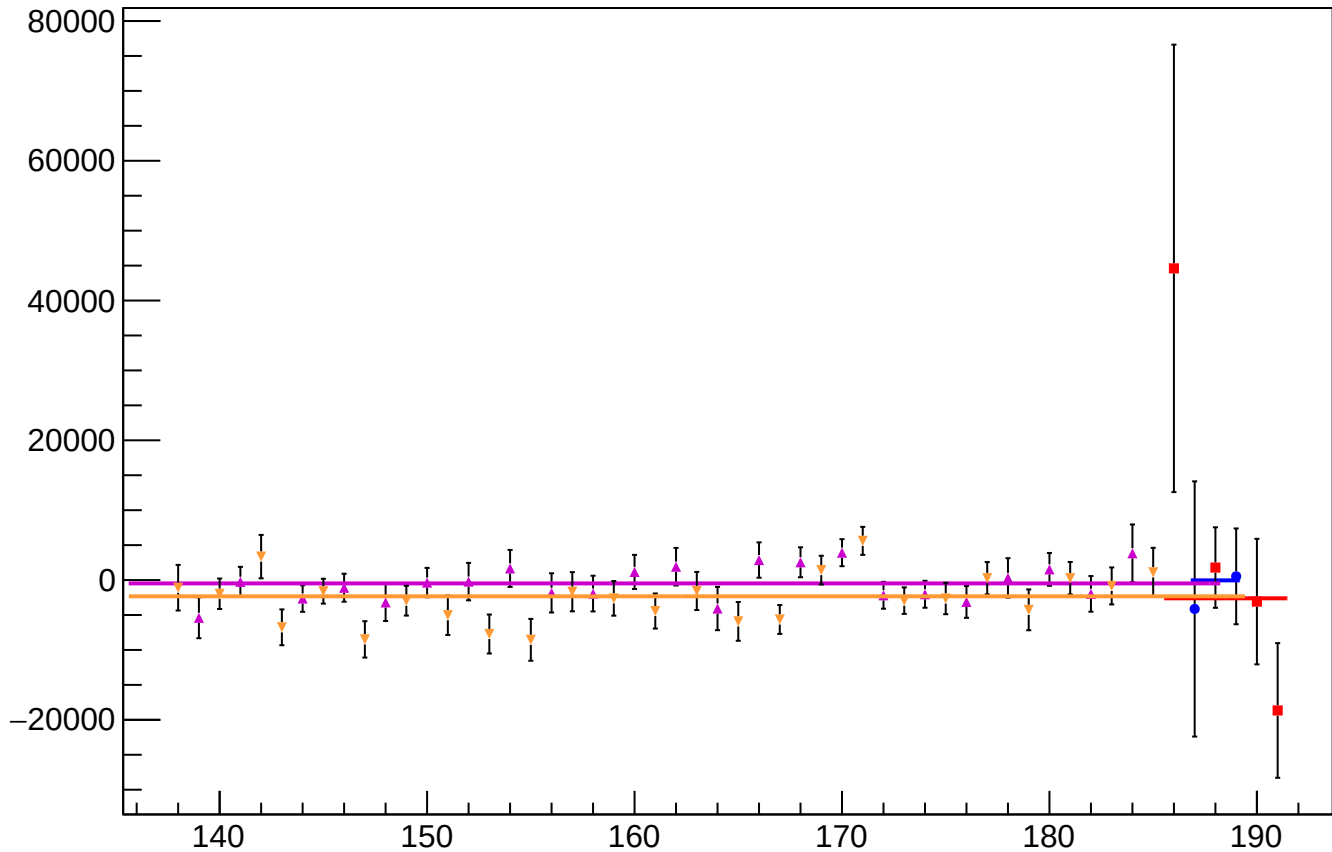
Left In: 309.609 $\pm$ 0.054 χ^2 /NDF:1180280.8/22

+ sign 292.075 $\pm$ 0.042 χ^2 /NDF: 2415428.0/43

All: 292.987 $\pm$ 0.030 χ^2 /NDF: 5388778.4/89

- sign 293.891 $\pm$ 0.042 χ^2 /NDF: 2972416.6/45

asym_sam4_correction_mean vs Slug



Right In: -42.720 $\pm$ 6416.931 χ^2/NDF : 0.1/1

Left Out: -2325.488 $\pm$ 486.043 χ^2/NDF : 49.8/24

Right Out: -2611.296 $\pm$ 4292.868 χ^2/NDF : 5.5/3

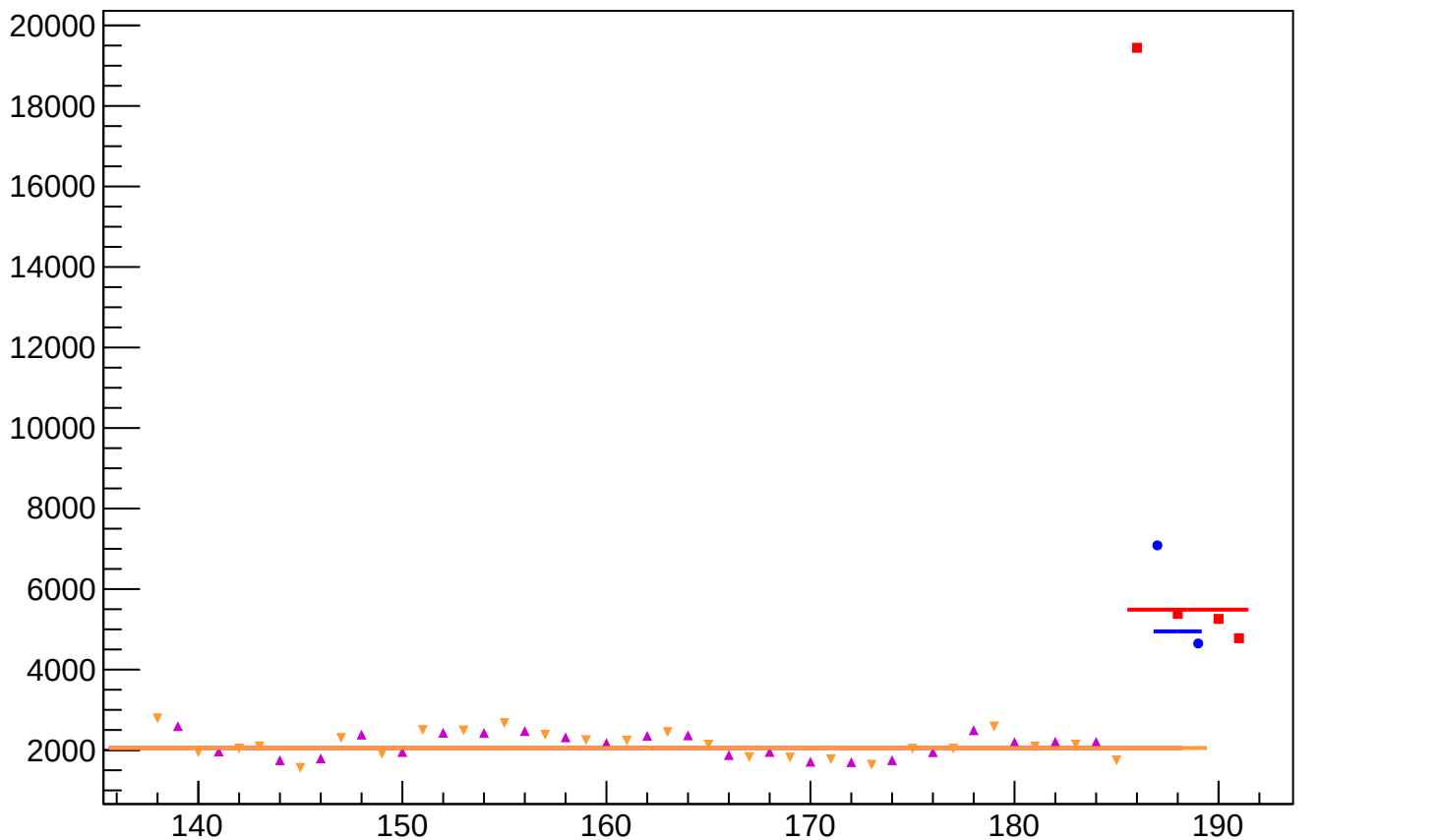
Left In: -477.779 $\pm$ 494.228 χ^2/NDF : 23.1/22

+ sign -2312.466 $\pm$ 484.655 χ^2/NDF : 50.0/26

All: -1420.799 $\pm$ 344.919 χ^2/NDF : 85.7/53

- sign -505.688 $\pm$ 490.985 χ^2/NDF : 28.8/26

asym_sam4_correction_rms vs Slug



Right In: 4949.826+/-4.537 χ^2/NDF : 31214.1/1

Left Out: 2052.401+/-0.344 χ^2/NDF : 838023.2/24

Right Out: 5488.494+/-3.036 χ^2/NDF : 392884.9/3

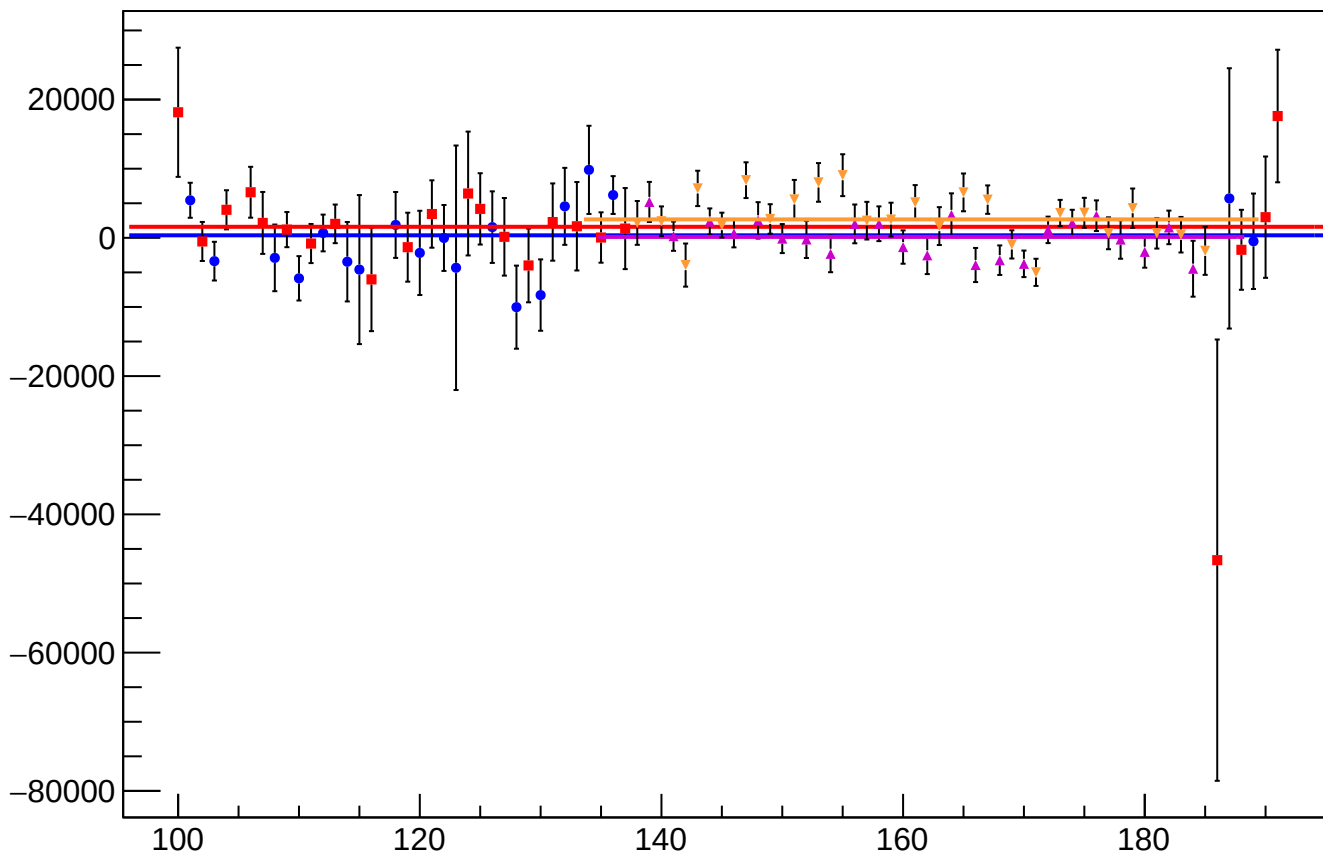
Left In: 2052.384+/-0.349 χ^2/NDF : 653872.2/22

+ sign 2068.929+/-0.343 χ^2/NDF : 1274666.7/26

All: 2082.946+/-0.244 χ^2/NDF : 3589406.0/53

- sign 2097.332+/-0.347 χ^2/NDF : 2311349.5/26

asym_sam4_mean vs Slug



Right In: 363.503 ± 981.042 χ^2/NDF : 24.3/18

Left Out: 2667.050 ± 480.963 χ^2/NDF : 50.0/24

Right Out: 1596.290 ± 903.140 χ^2/NDF : 16.0/22

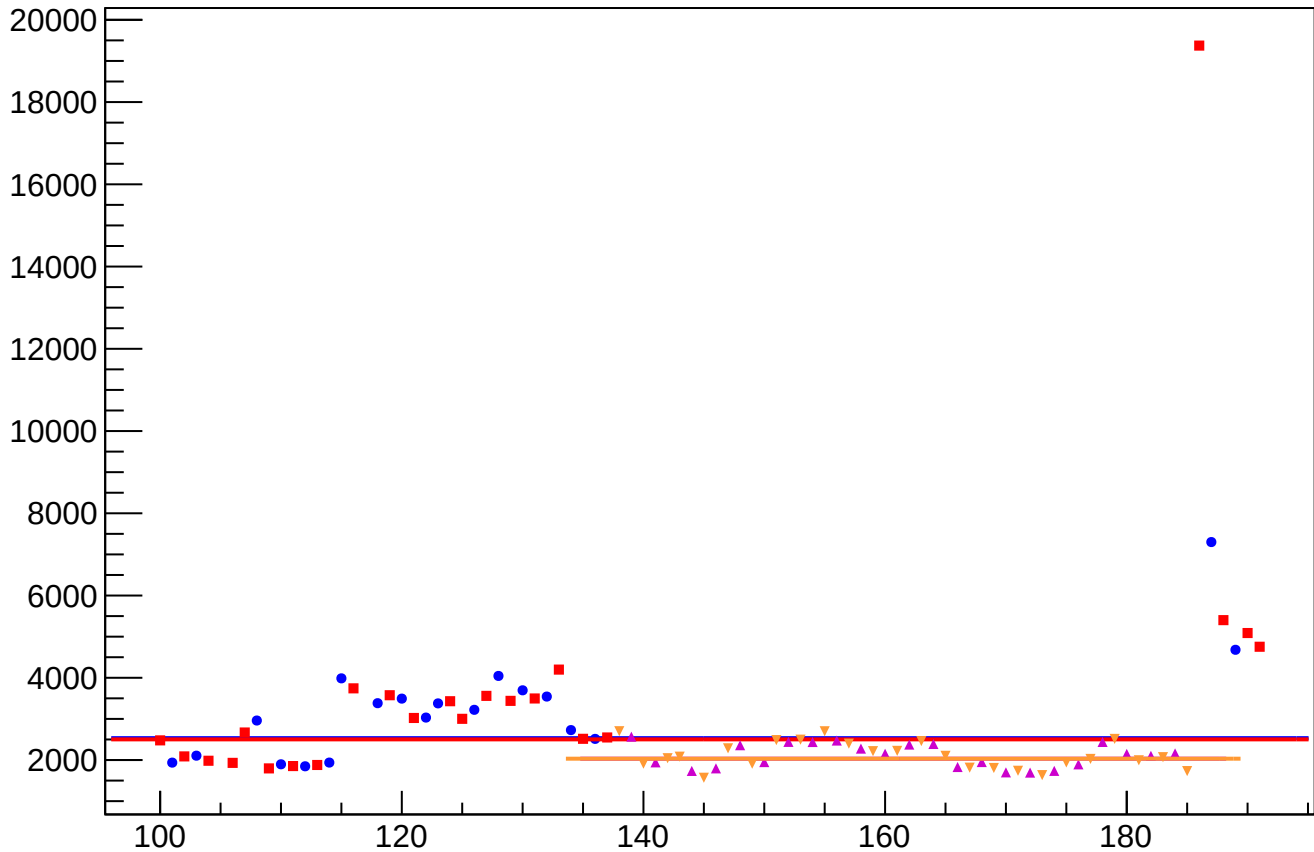
Left In: 132.307 ± 489.752 χ^2/NDF : 24.7/22

+ sign 2220.675 ± 431.856 χ^2/NDF : 78.7/43

All: 1340.119 ± 304.897 χ^2/NDF : 129.7/89

- sign 464.984 ± 430.525 χ^2/NDF : 42.7/45

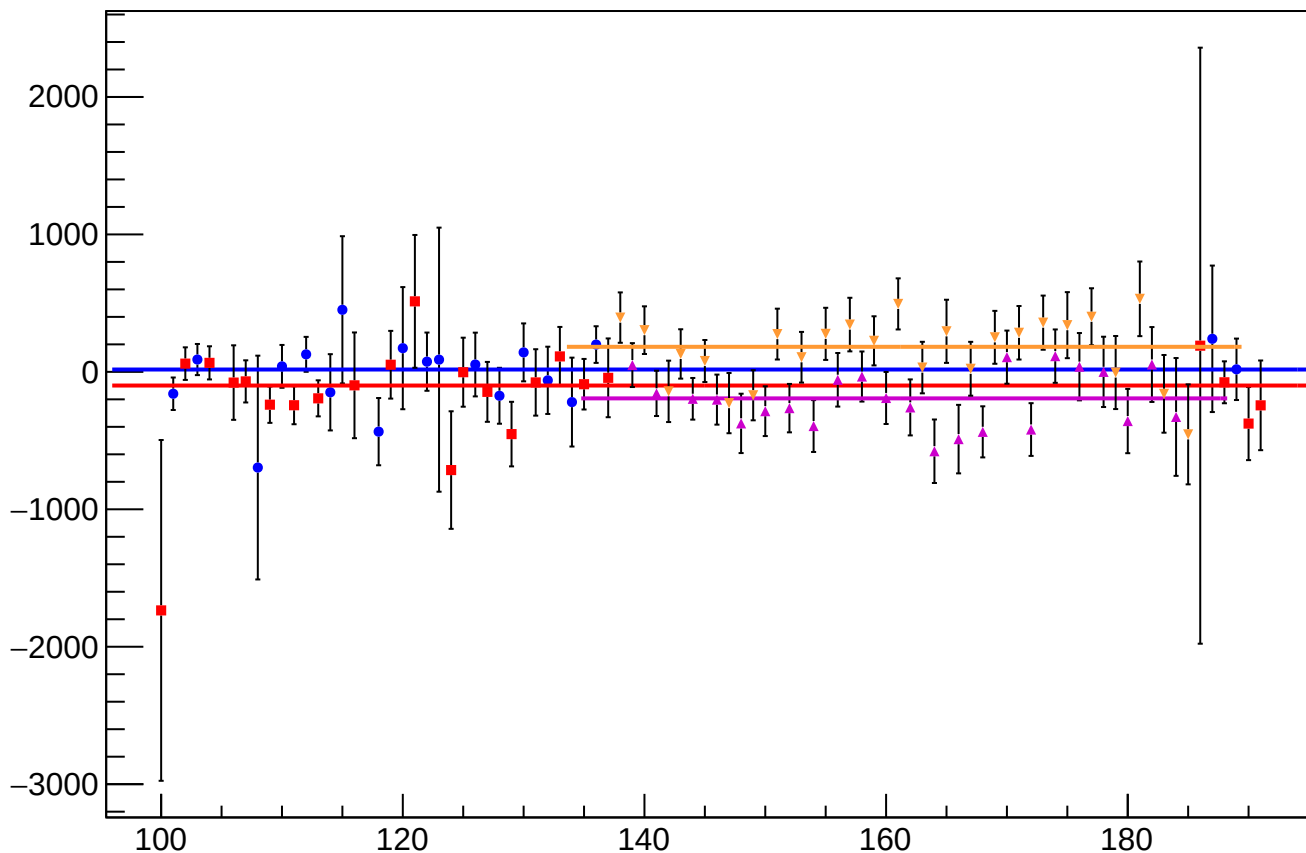
asym_sam4_rms vs Slug



Right In: 2532.063 $\pm$ 0.694 χ^2 /NDF: 1235108.5/18
 Left Out: 2032.502 $\pm$ 0.340 χ^2 /NDF: 824418.6/24
 Right Out: 2502.241 $\pm$ 0.639 χ^2 /NDF: 2413404.7/22
 Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

+ sign 2129.306 $\pm$ 0.305 χ^2 /NDF: 2477633.8/43
 All: 2133.977 $\pm$ 0.216 χ^2 /NDF: 5964427.8/89
 - sign 2138.620 $\pm$ 0.304 χ^2 /NDF: 3486327.4/45

dit_asym_sam5_mean vs Slug



Right In: 17.065 $\pm$ 45.308 χ^2 /NDF: 12.7/18

Left Out: 182.238 $\pm$ 40.102 χ^2 /NDF: 26.9/24

Right Out: -99.500 $\pm$ 40.837 χ^2 /NDF: 17.0/22

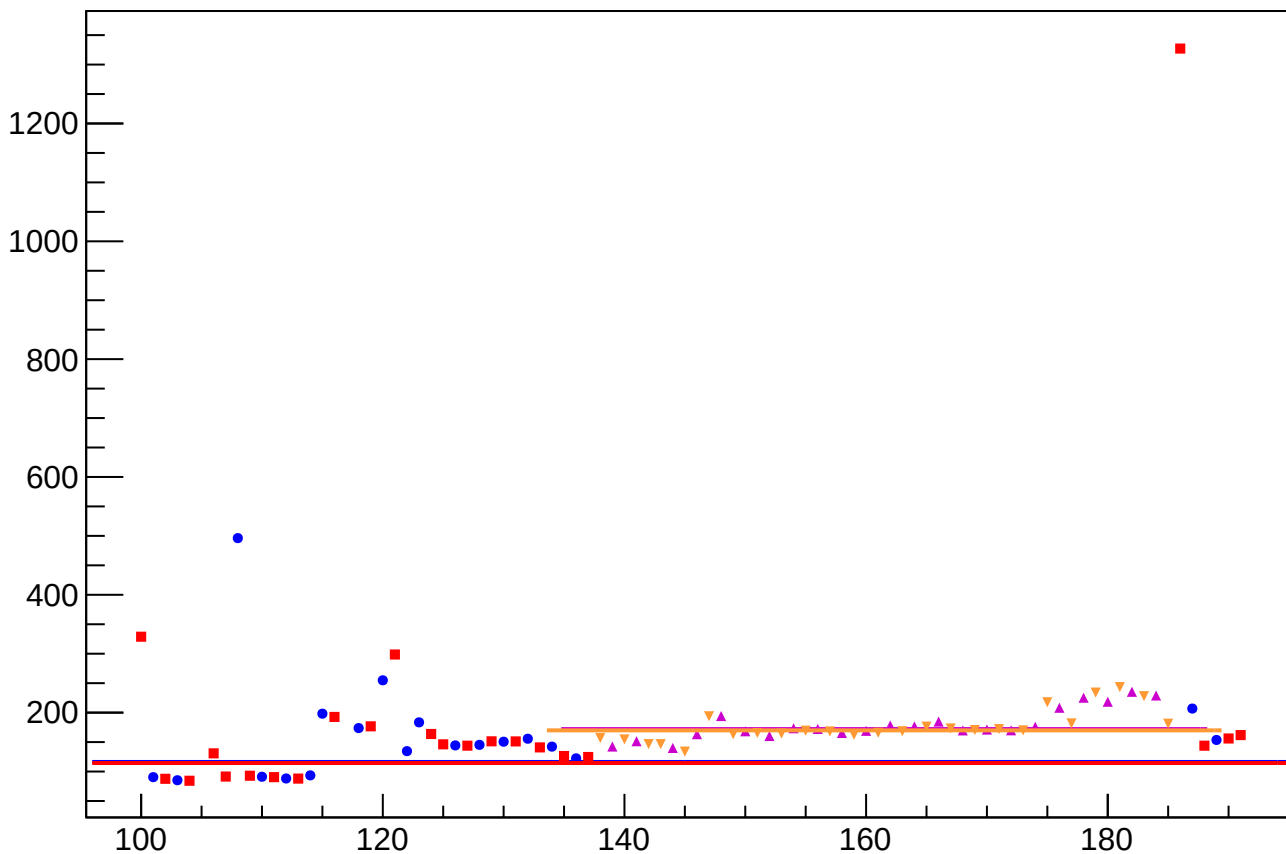
Left In: -193.004 $\pm$ 41.384 χ^2 /NDF: 21.1/22

+ sign 109.682 $\pm$ 30.029 χ^2 /NDF: 47.1/43

All: -22.125 $\pm$ 20.886 χ^2 /NDF: 125.1/89

- sign -145.630 $\pm$ 29.068 χ^2 /NDF: 40.7/45

dit_asym_sam5_rms vs Slug



Right In: 116.234 $\pm$ 0.032 χ^2 /NDF: 1526560.8/18

Left Out: 169.906 $\pm$ 0.028 χ^2 /NDF: 663159.2/24

Right Out: 114.500 $\pm$ 0.029 χ^2 /NDF: 2057246.5/22

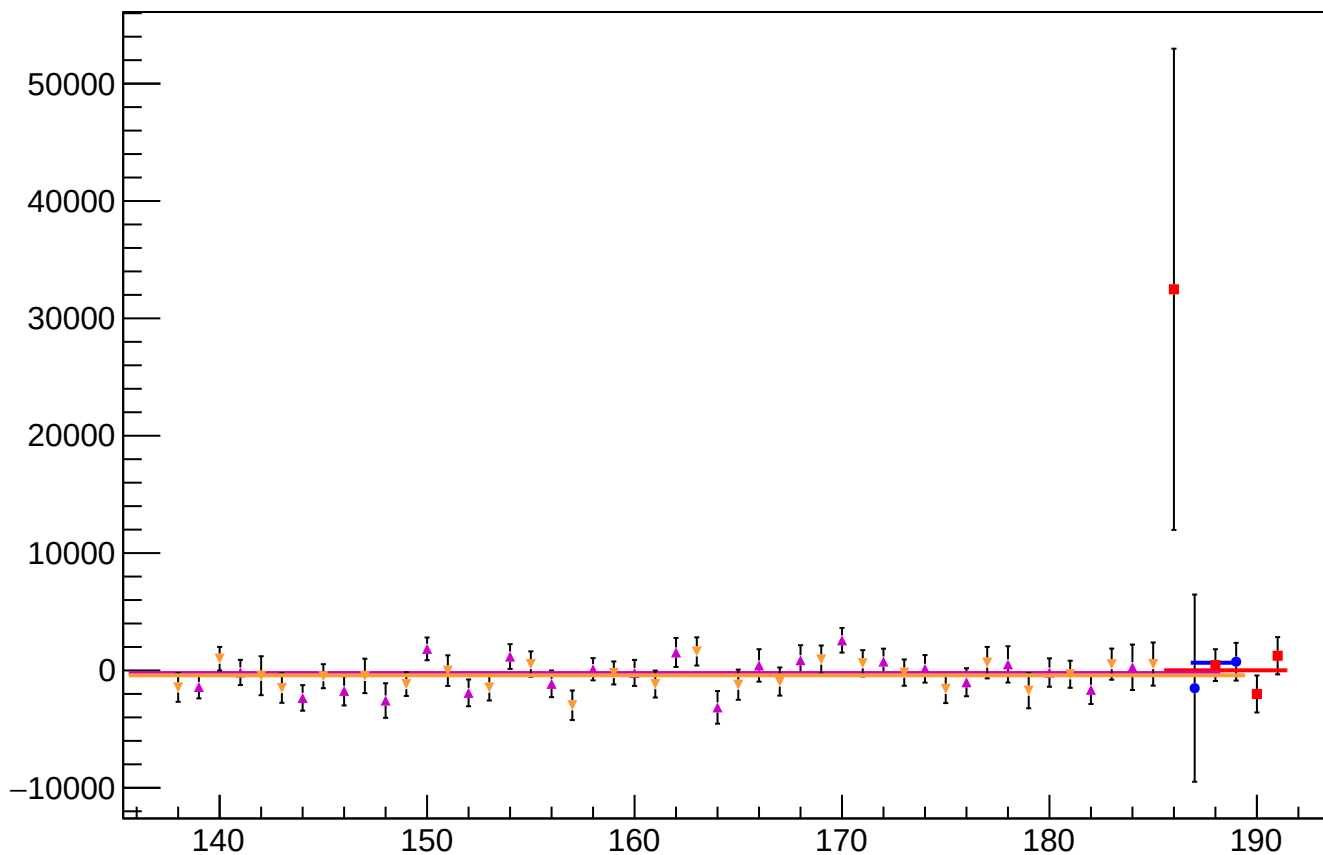
Left In: 172.065 $\pm$ 0.029 χ^2 /NDF: 589733.9/22

+ sign 146.329 $\pm$ 0.021 χ^2 /NDF: 3763458.9/43

All: 144.559 $\pm$ 0.015 χ^2 /NDF: 8384479.9/89

- sign 142.900 $\pm$ 0.021 χ^2 /NDF: 4607554.3/45

asym_sam5_correction_mean vs Slug



Right In: 656.750 $\pm$ 1576.256 χ^2 /NDF: 0.1/1

Left Out: -412.804 $\pm$ 240.278 χ^2 /NDF:19.0/24

Right Out: 10.135 $\pm$ 861.420 χ^2 /NDF: 4.9/3

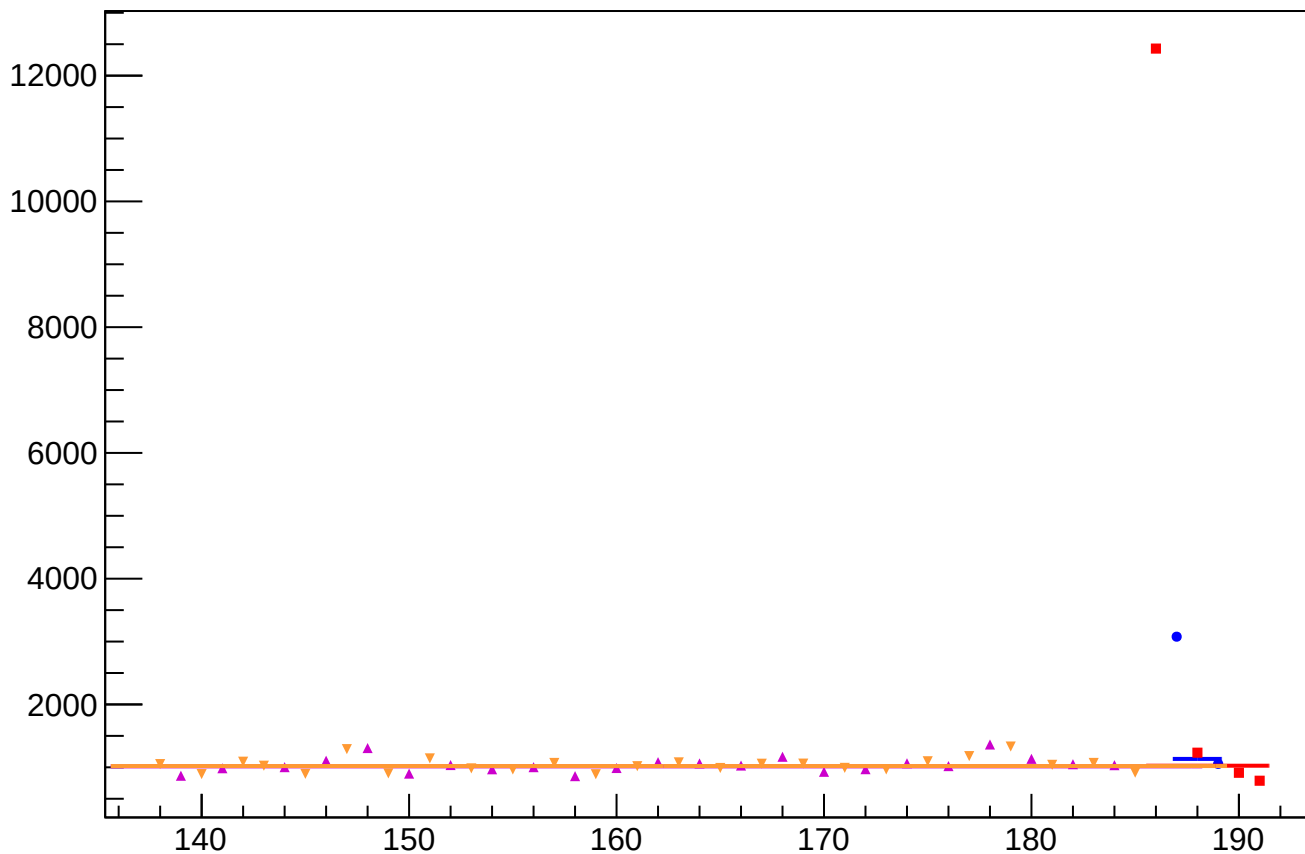
Left In: -223.332 $\pm$ 243.771 χ^2 /NDF:36.0/22

+ sign -388.516 $\pm$ 237.534 χ^2 /NDF: 19.6/26

All: -296.119 $\pm$ 166.901 χ^2 /NDF: 60.8/53

- sign -206.022 $\pm$ 234.560 χ^2 /NDF: 40.9/26

asym_sam5_correction_rms vs Slug



Right In: 1133.654 $\pm$ 1.115 χ^2 /NDF: 123583.4/1

Left Out: 1020.149 $\pm$ 0.170 χ^2 /NDF: 369866.7/24

Right Out: 1025.581 $\pm$ 0.609 χ^2 /NDF: 721084.0/3

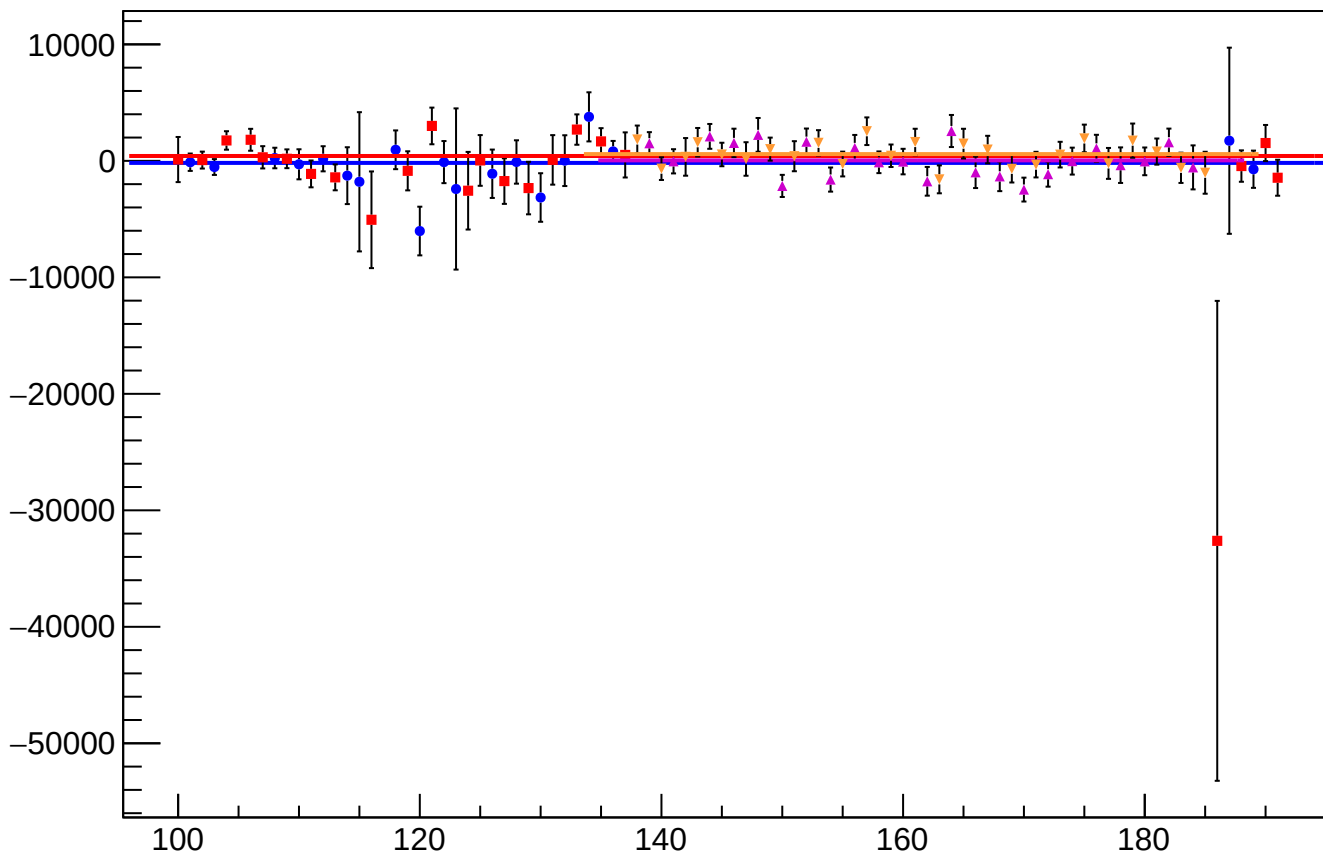
Left In: 1015.000 $\pm$ 0.172 χ^2 /NDF: 404865.5/22

+ sign 1022.726 $\pm$ 0.168 χ^2 /NDF: 503585.3/26

All: 1019.211 $\pm$ 0.118 χ^2 /NDF: 1630679.2/53

- sign 1015.784 $\pm$ 0.166 χ^2 /NDF: 1126228.9/26

asym_sam5_mean vs Slug



Right In: -175.091 ± 306.465 $\chi^2/\text{NDF}: 16.4/18$

Left Out: 580.226 ± 235.583 $\chi^2/\text{NDF}: 18.4/24$

Right Out: 418.658 ± 268.266 $\chi^2/\text{NDF}: 27.7/22$

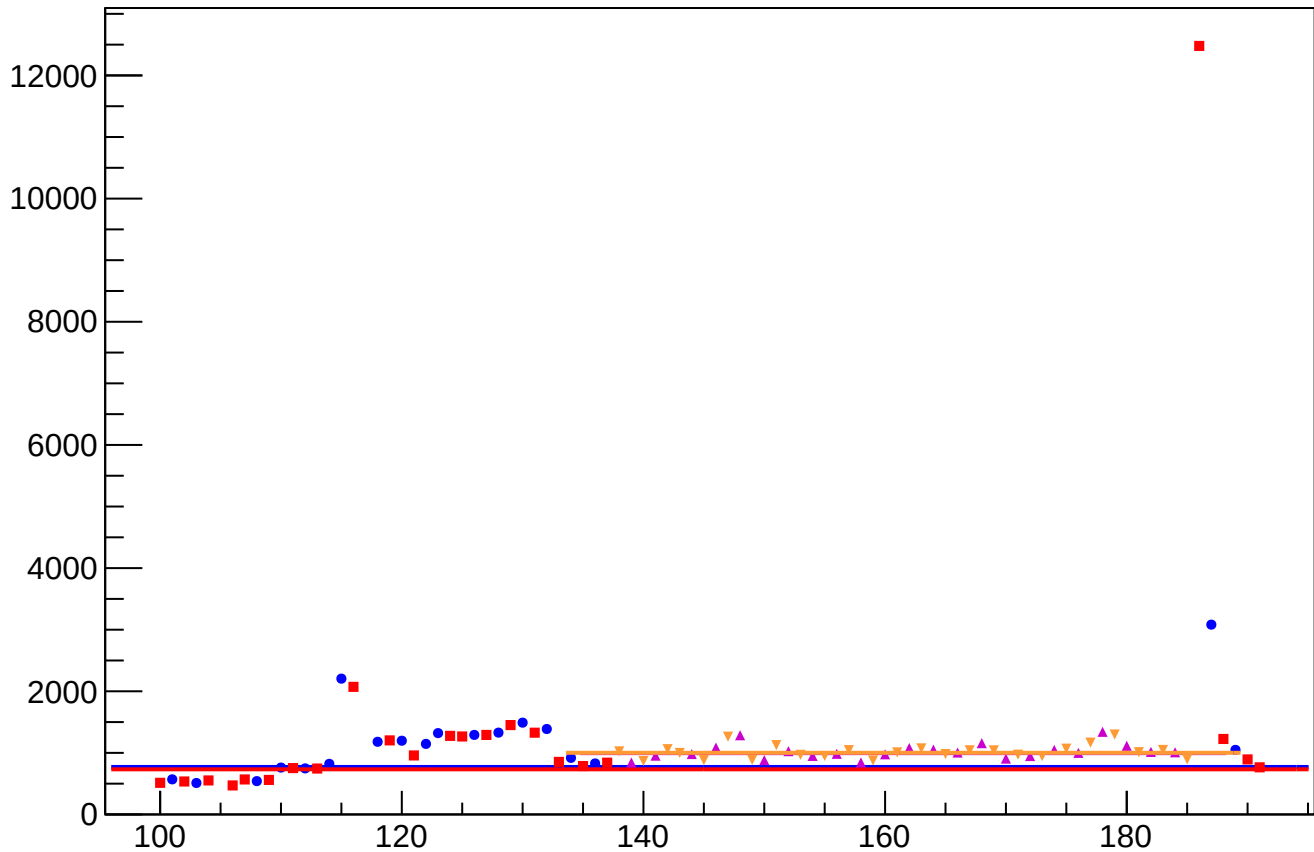
Left In: 42.397 ± 239.278 $\chi^2/\text{NDF}: 37.9/22$

+ sign 299.677 ± 186.776 $\chi^2/\text{NDF}: 38.6/43$

All: 252.359 ± 129.071 $\chi^2/\text{NDF}: 105.4/89$

- sign 209.108 ± 178.567 $\chi^2/\text{NDF}: 66.6/45$

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: 732.975+/-0.190 χ^2/NDF : 2652613.6/22

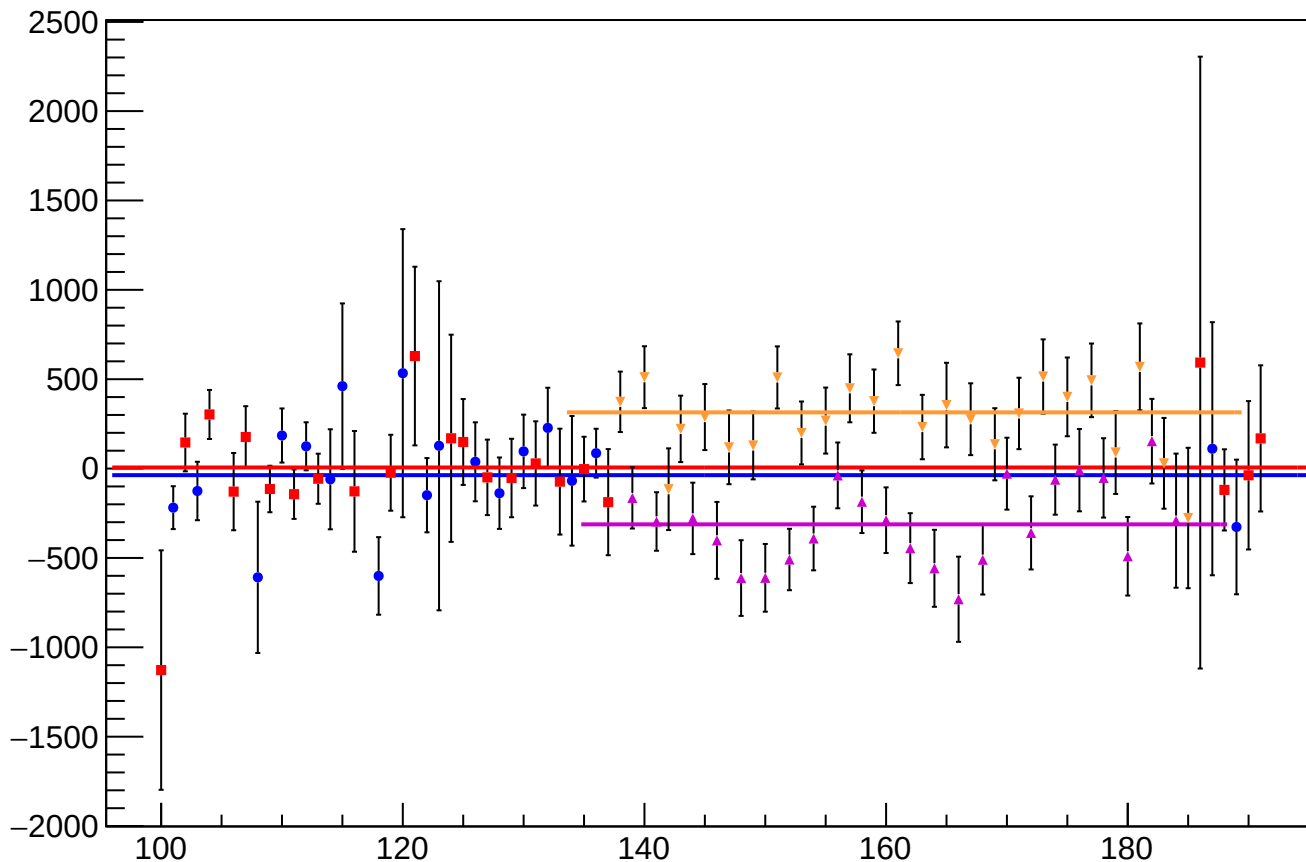
Left In: 995.590+/-0.169 χ^2/NDF : 424434.6/22

+ sign 915.765+/-0.132 χ^2/NDF : 3021968.4/43

All: 896.679+/-0.091 χ^2/NDF : 7206415.0/89

- sign 879.233+/-0.126 χ^2/NDF : 4144470.1/45

dit_asym_sam6_mean vs Slug



Right In: -36.794 ± 47.926 χ^2/NDF : 20.4/18

Left Out: 314.517 ± 39.818 χ^2/NDF : 21.4/24

Right Out: 6.137 ± 44.175 χ^2/NDF : 15.3/22

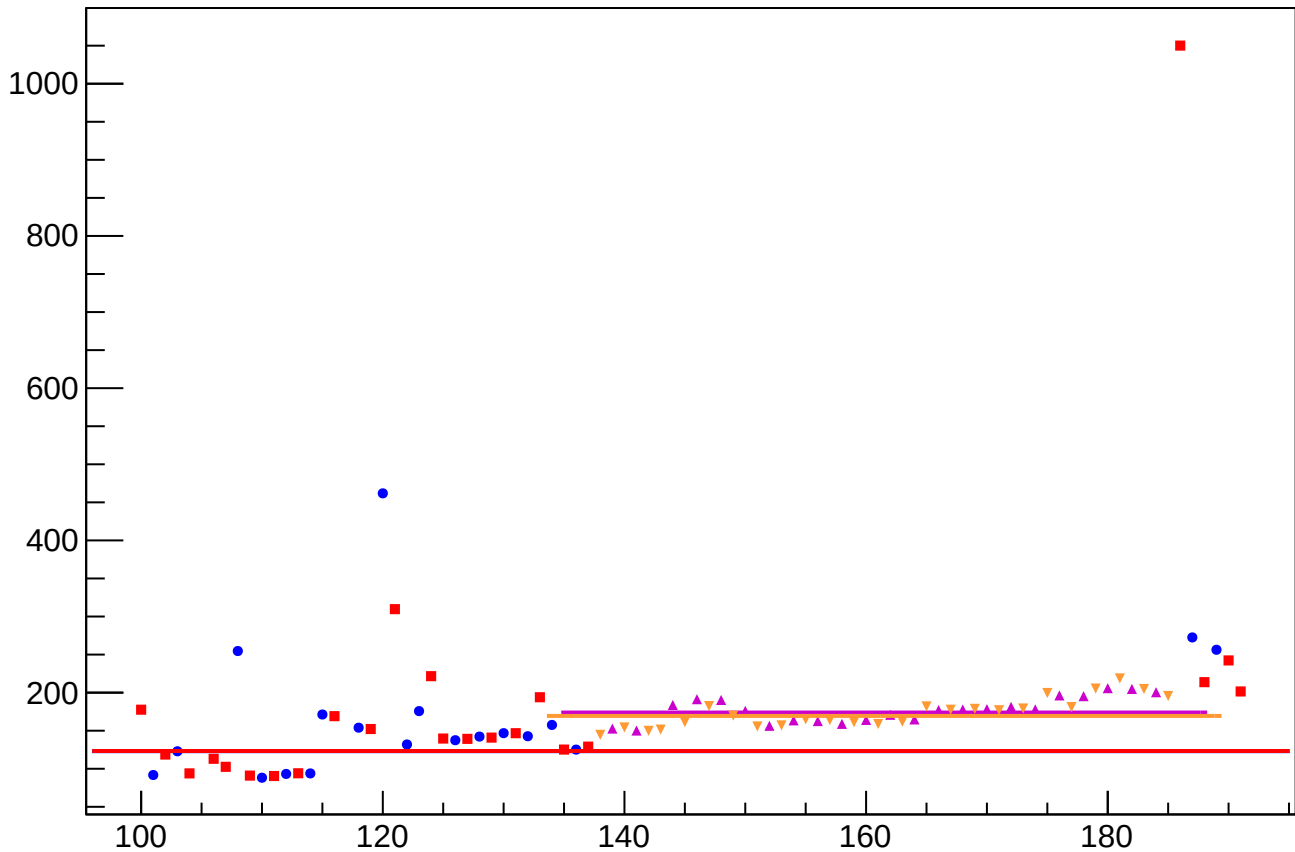
Left In: -312.097 ± 41.646 χ^2/NDF : 26.9/22

+ sign 171.049 ± 30.627 χ^2/NDF : 73.5/43

All: 2.576 ± 21.541 χ^2/NDF : 203.1/89

- sign -162.352 ± 30.303 χ^2/NDF : 69.7/45

dit_asym_sam6_rms vs Slug



Right In: 123.108 $\pm$ 0.034 χ^2 /NDF: 1408690.4/18

Left Out: 169.432 $\pm$ 0.028 χ^2 /NDF: 386461.5/24

Right Out: 123.331 $\pm$ 0.031 χ^2 /NDF: 2182454.6/22

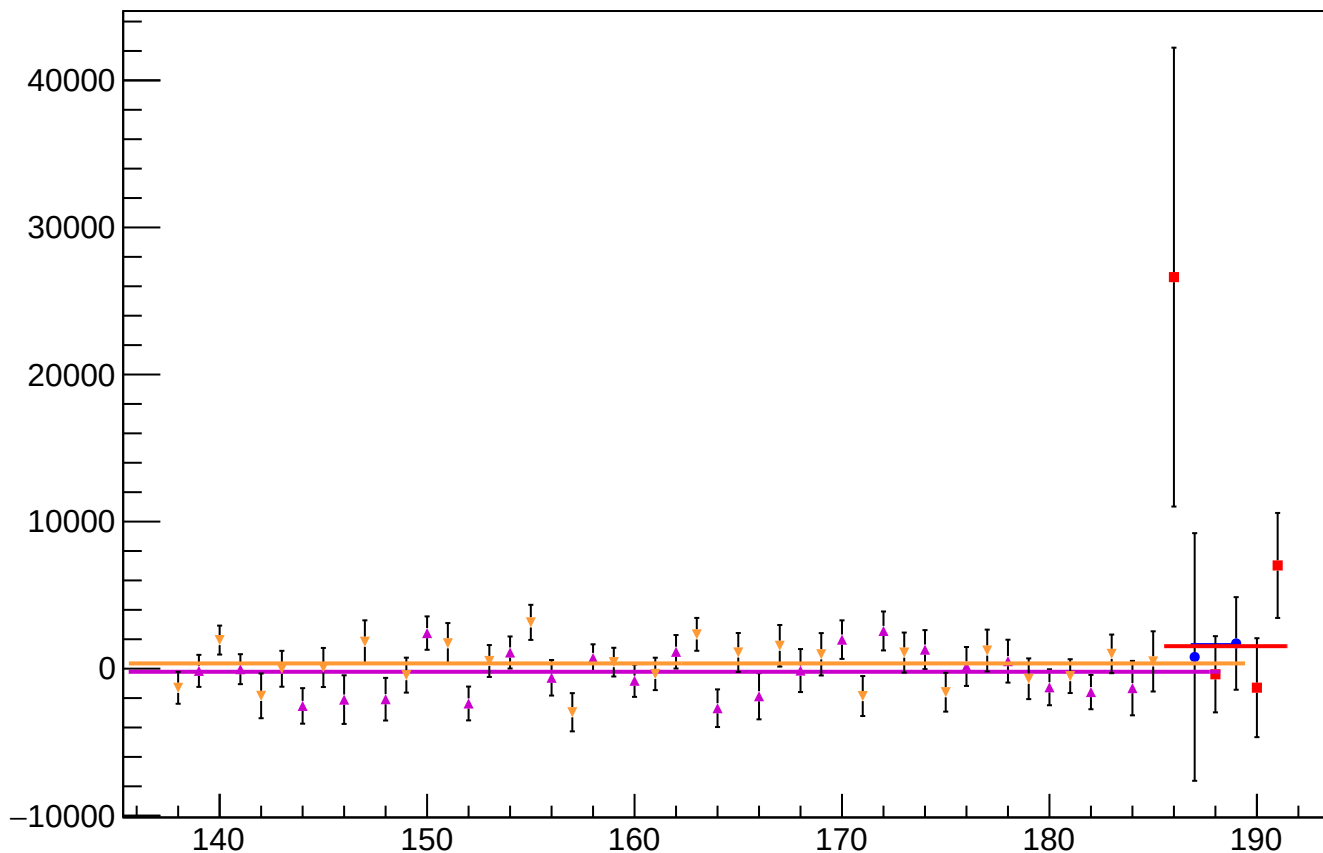
Left In: 173.847 $\pm$ 0.029 χ^2 /NDF: 291729.8/22

+ sign 150.514 $\pm$ 0.022 χ^2 /NDF: 2900623.4/43

All: 150.293 $\pm$ 0.015 χ^2 /NDF: 6759687.5/89

- sign 150.077 $\pm$ 0.021 χ^2 /NDF: 3858858.0/45

asym_sam6_correction_mean vs Slug



Right In: 1602.819 $\pm$ 2949.160 χ^2/NDF : 0.0/1

Left Out: 356.612 $\pm$ 250.934 χ^2/NDF : 33.4/24

Right Out: 1529.002 $\pm$ 1767.797 χ^2/NDF : 6.2/3

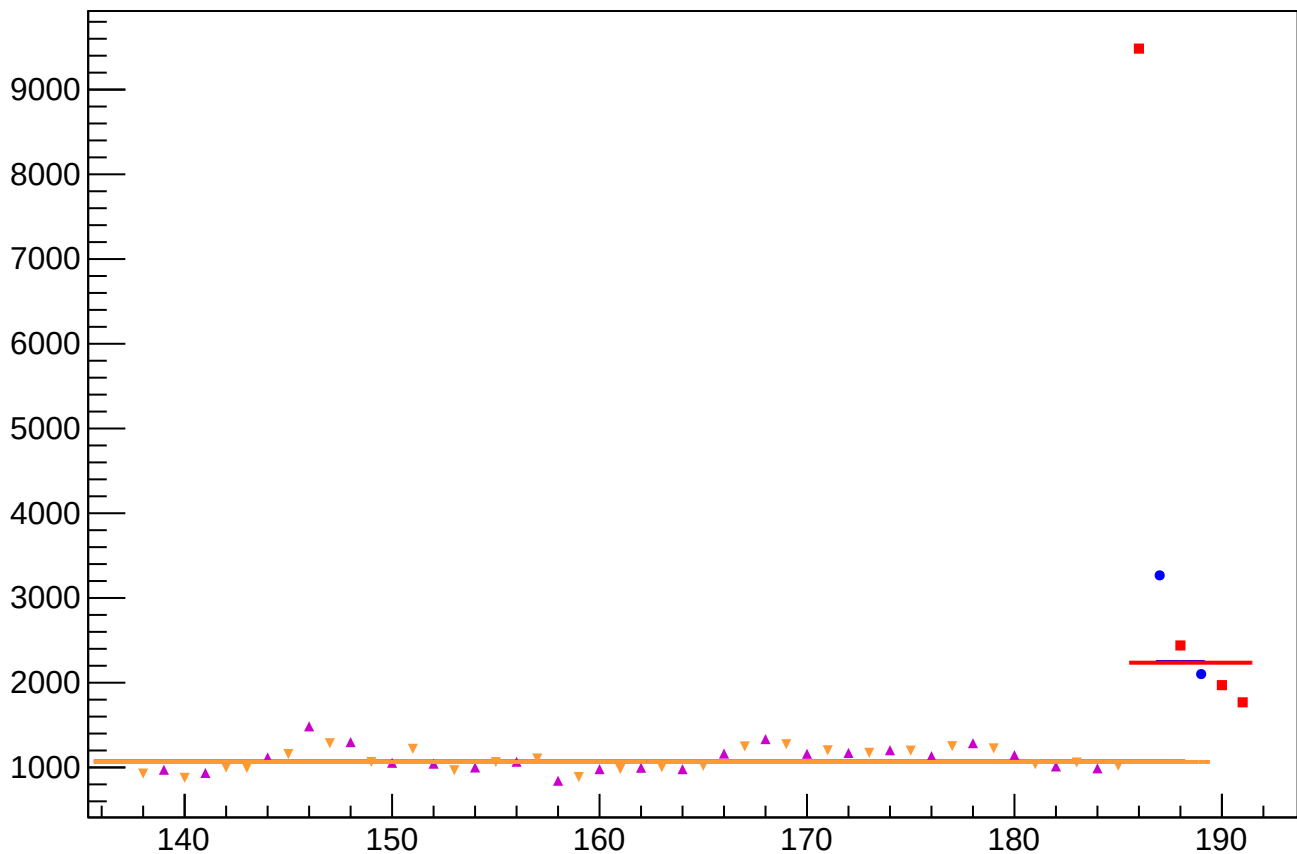
Left In: -212.007 $\pm$ 257.383 χ^2/NDF : 36.0/22

+ sign 365.569 $\pm$ 250.031 χ^2/NDF : 33.5/26

All: 99.857 $\pm$ 178.426 χ^2/NDF : 79.0/53

- sign -175.867 $\pm$ 254.698 χ^2/NDF : 43.2/26

asym_sam6_correction_rms vs Slug



Right In: 2244.762 $\pm$ 2.085 χ^2 /NDF: 33598.0/1

Left Out: 1064.868 $\pm$ 0.177 χ^2 /NDF: 493614.2/24

Right Out: 2236.135 $\pm$ 1.250 χ^2 /NDF: 490738.2/3

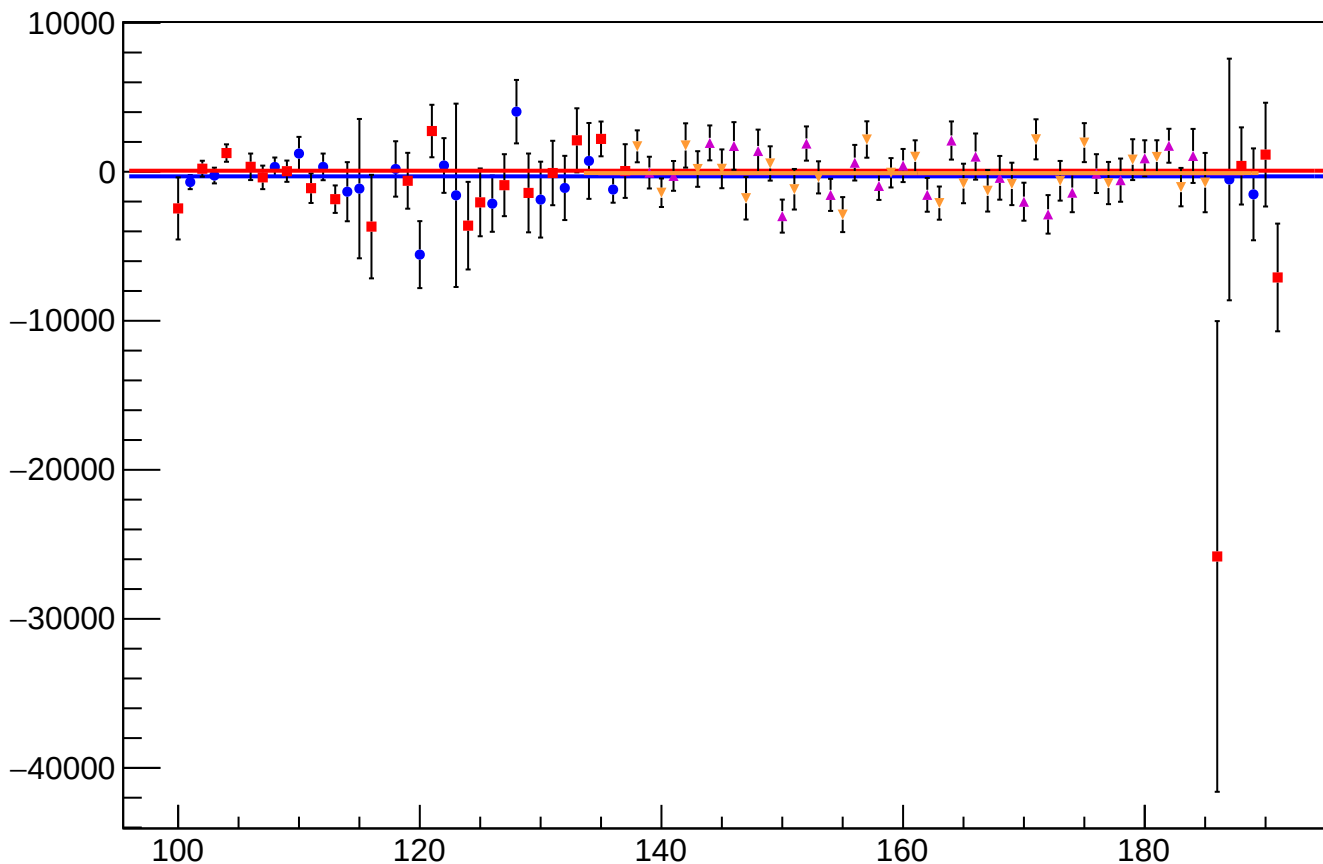
Left In: 1070.694 $\pm$ 0.182 χ^2 /NDF: 570407.8/22

+ sign 1073.349 $\pm$ 0.177 χ^2 /NDF: 845035.9/26

All: 1083.918 $\pm$ 0.126 χ^2 /NDF: 2764673.5/53

- sign 1094.886 $\pm$ 0.180 χ^2 /NDF: 1912355.4/26

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: 69.663 ± 243.689 χ^2/NDF : 29.3/22

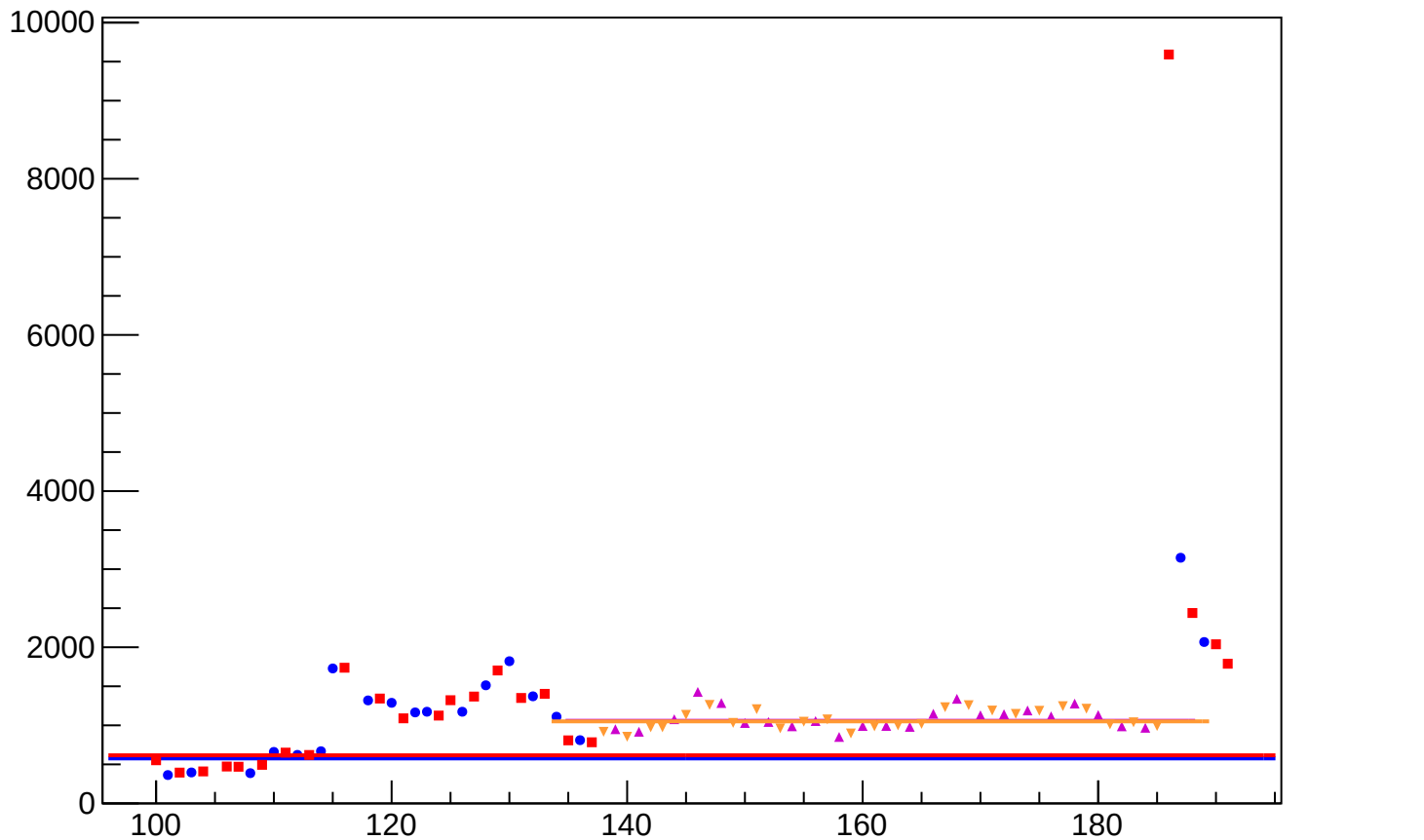
Left In: -110.879 ± 254.337 χ^2/NDF : 35.2/22

+ sign -198.572 ± 175.492 χ^2/NDF : 48.4/43

All: -107.902 ± 124.256 χ^2/NDF : 113.6/89

- sign -16.750 ± 175.958 χ^2/NDF : 64.7/45

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: 616.232+/-0.172 χ^2/NDF : 5034267.8/22

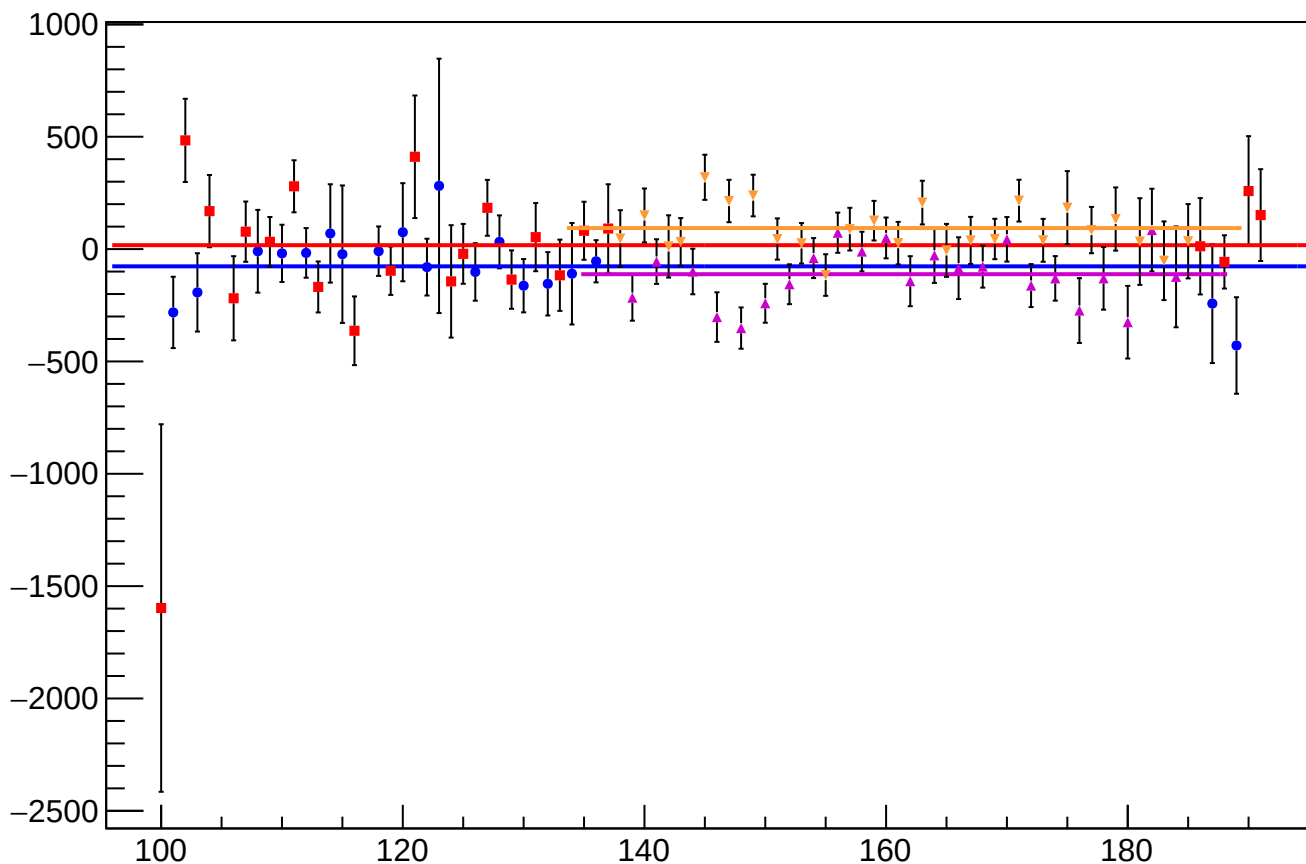
Left In: 1058.154+/-0.180 χ^2/NDF : 532260.0/22

+ sign 815.343+/-0.124 χ^2/NDF : 8076252.4/43

All: 821.530+/-0.088 χ^2/NDF : 16795853.9/89

- sign 827.749+/-0.124 χ^2/NDF : 8714618.0/45

dit_asym_sam7_mean vs Slug



Right In: -76.789 ± 33.906 $\chi^2/\text{NDF}: 9.4/18$

Left Out: 93.496 ± 21.284 $\chi^2/\text{NDF}: 22.8/24$

Right Out: 17.352 ± 31.176 $\chi^2/\text{NDF}: 36.8/22$

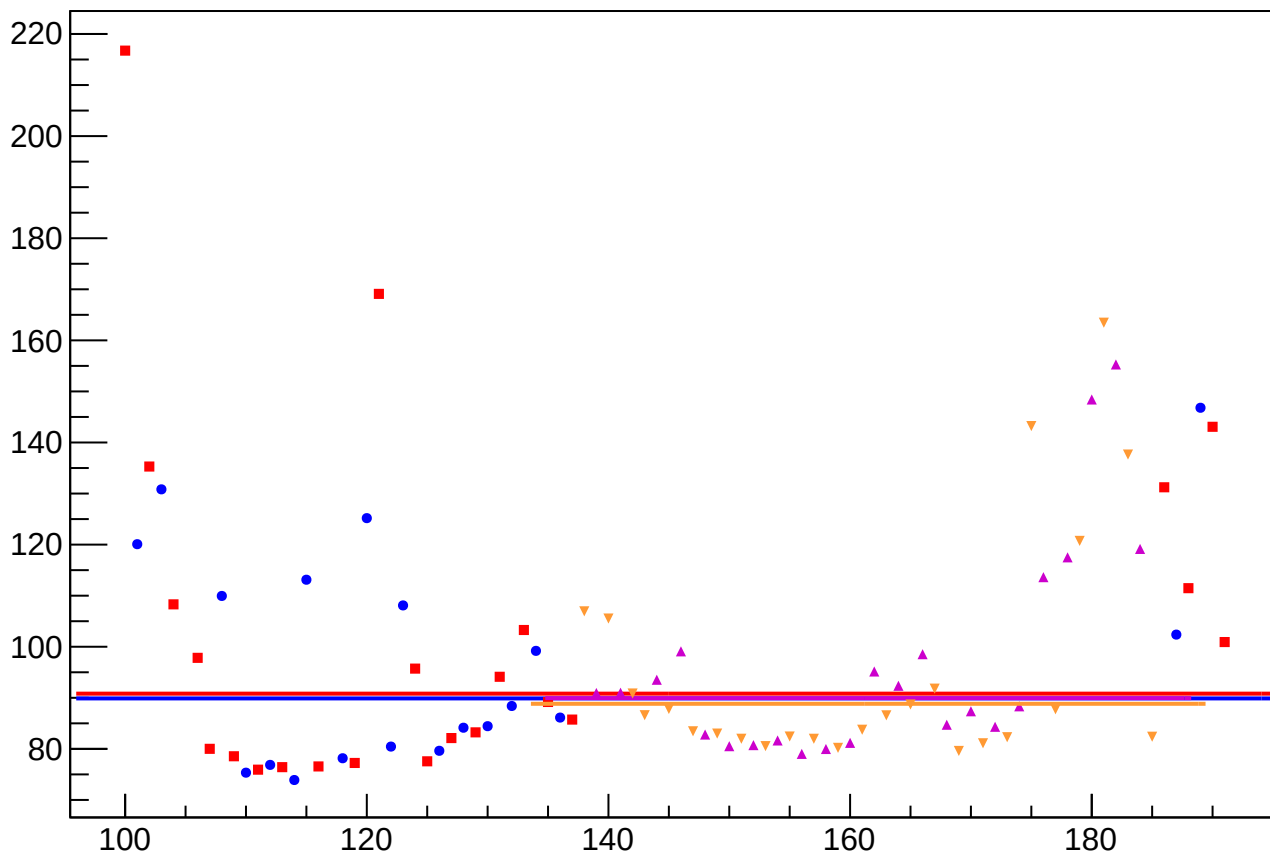
Left In: -111.732 ± 21.971 $\chi^2/\text{NDF}: 30.7/22$

+ sign 45.362 ± 18.027 $\chi^2/\text{NDF}: 50.2/43$

All: -11.982 ± 12.723 $\chi^2/\text{NDF}: 149.3/89$

- sign -68.896 ± 17.959 $\chi^2/\text{NDF}: 78.9/45$

dit_asym_sam7_rms vs Slug



Right In: 89.880 $\pm$ 0.024 χ^2 /NDF: 544147.1/18

Left Out: 88.830 $\pm$ 0.015 χ^2 /NDF: 1000651.2/24

Right Out: 90.815 $\pm$ 0.022 χ^2 /NDF: 786322.3/22

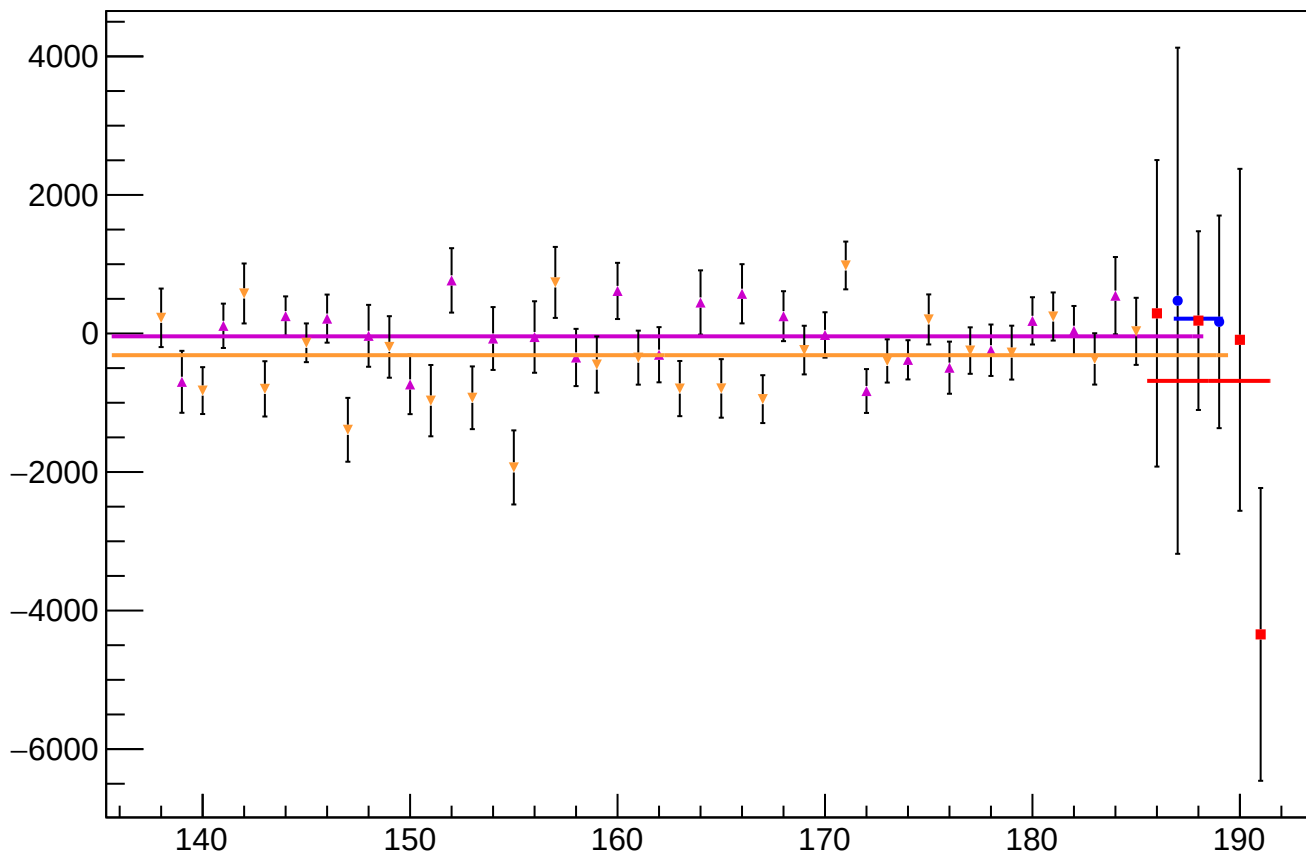
Left In: 89.934 $\pm$ 0.016 χ^2 /NDF: 874129.5/22

+ sign 89.126 $\pm$ 0.013 χ^2 /NDF: 1546173.6/43

All: 89.678 $\pm$ 0.009 χ^2 /NDF: 3211428.3/89

- sign 90.226 $\pm$ 0.013 χ^2 /NDF: 1661518.4/45

asym_sam7_correction_mean vs Slug



Right In: 213.608 ± 1414.891 χ^2/NDF : 0.0/1

Left Out: -313.446 ± 77.334 χ^2/NDF : 58.1/24

Right Out: -684.284 ± 915.494 χ^2/NDF : 3.7/3

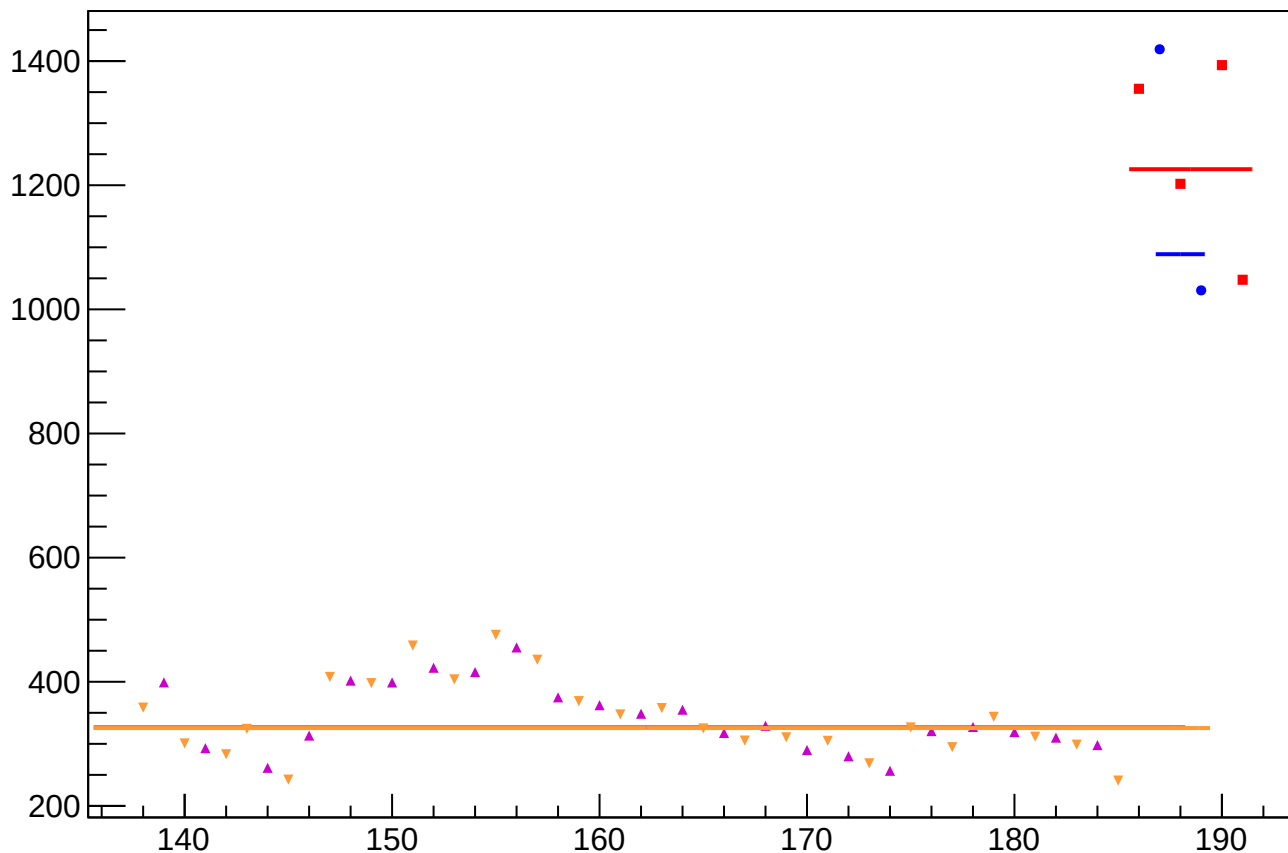
Left In: -41.244 ± 78.858 χ^2/NDF : 28.0/22

+ sign -311.877 ± 77.219 χ^2/NDF : 58.2/26

All: -181.228 ± 55.072 χ^2/NDF : 96.3/53

- sign -45.980 ± 78.567 χ^2/NDF : 32.2/26

asym_sam7_correction_rms vs Slug



Right In: 1088.876+/-1.000 χ^2 /NDF: 19217.7/1

Left Out: 325.432+/-0.055 χ^2 /NDF:1000974.7/24

Right Out: 1225.801+/-0.647 χ^2 /NDF: 30959.2/3

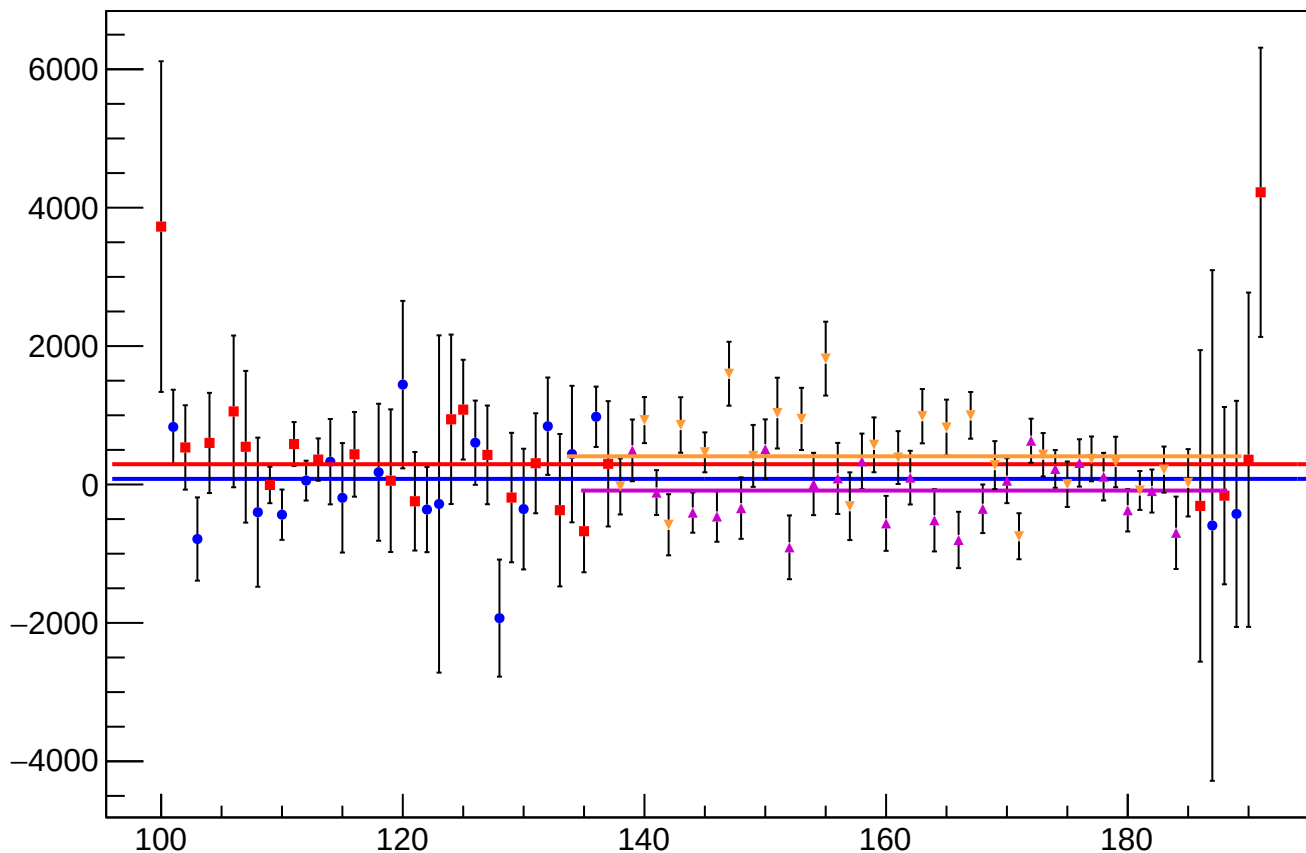
Left In: 326.516+/-0.056 χ^2 /NDF:841153.2/22

+ sign 327.706+/-0.055 χ^2 /NDF: 1600747.4/26

All: 330.376+/-0.039 χ^2 /NDF: 4393315.4/53

- sign 333.140+/-0.056 χ^2 /NDF: 2787702.3/26

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: 293.110 ± 128.305 χ^2/NDF : 14.3/22

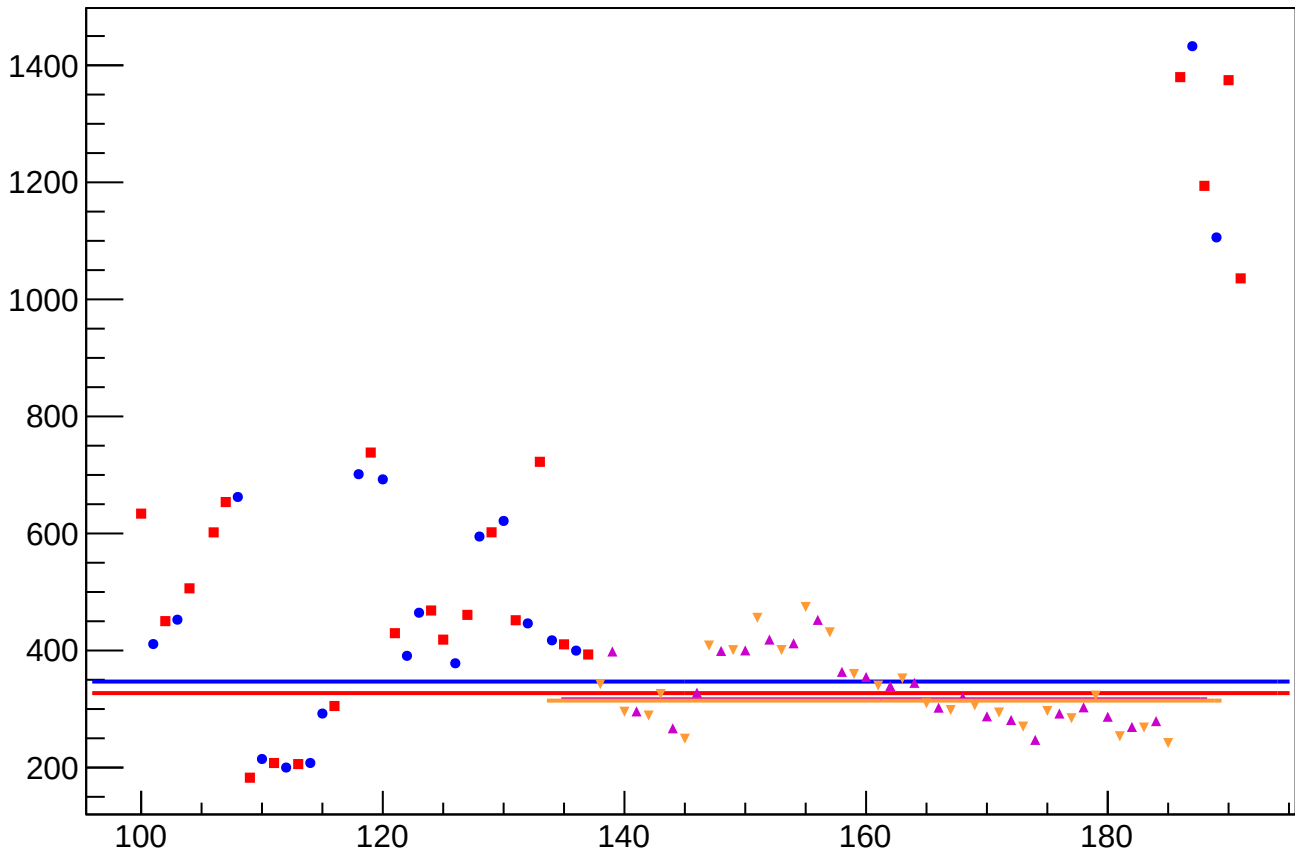
Left In: -87.657 ± 76.572 χ^2/NDF : 27.4/22

+ sign 336.541 ± 66.127 χ^2/NDF : 77.9/43

All: 173.521 ± 46.626 χ^2/NDF : 138.2/89

- sign 12.342 ± 65.752 χ^2/NDF : 48.3/45

asym_sam7_rms vs Slug



Right In: 346.957+/-0.100 χ^2/NDF : 2652462.8/18

Left Out: 314.405+/-0.053 χ^2/NDF :1112244.9/24

+ sign 321.469+/-0.047 χ^2/NDF : 3847056.9/43

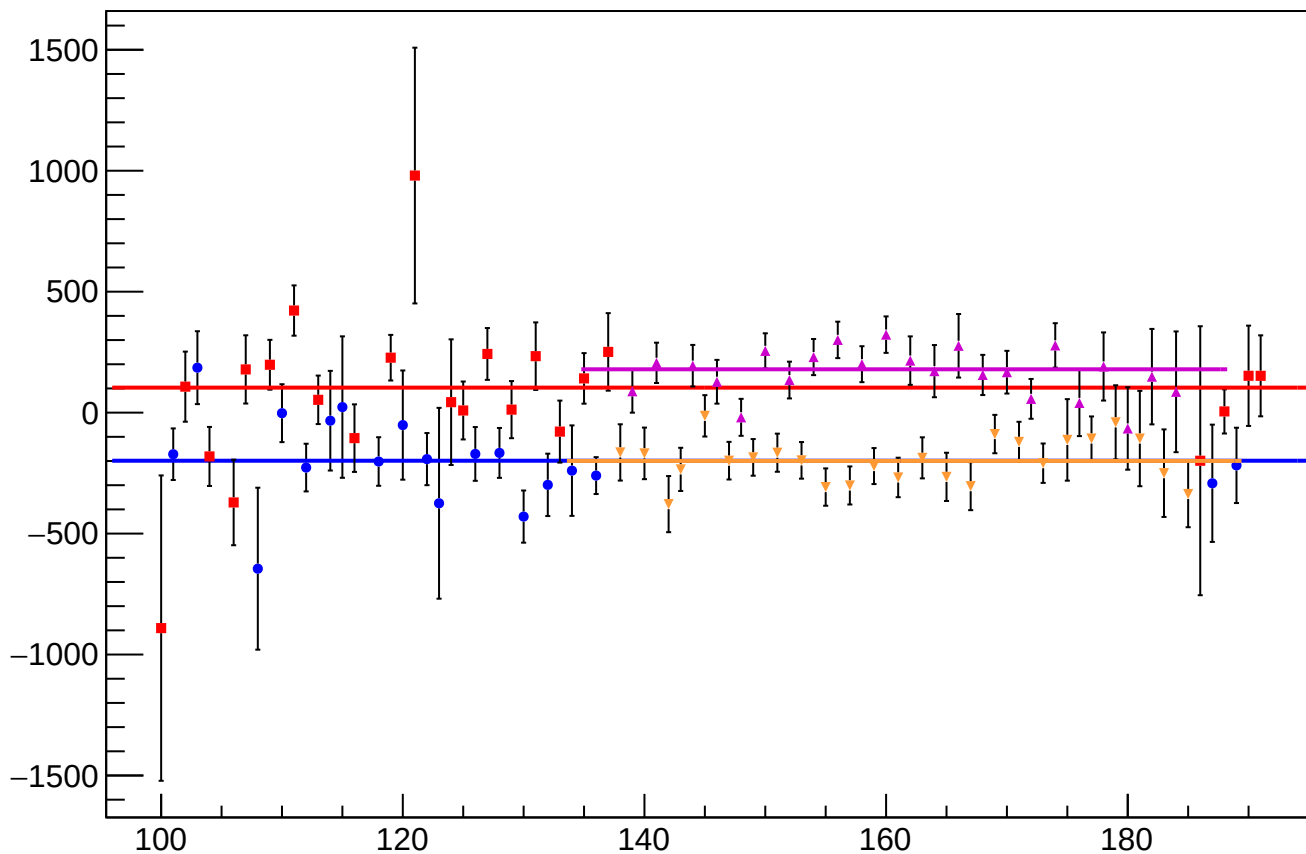
Right Out: 327.203+/-0.091 χ^2/NDF : 4727958.7/22

All: 320.427+/-0.033 χ^2/NDF : 9515694.8/89

Left In: 316.616+/-0.054 χ^2/NDF :929652.0/22

- sign 319.397+/-0.046 χ^2/NDF : 5667650.4/45

dit_asym_sam8_mean vs Slug



Right In: -198.799 ± 29.612 χ^2/NDF : 19.2/18

Left Out: -199.640 ± 18.452 χ^2/NDF : 20.2/24

Right Out: 103.399 ± 27.504 χ^2/NDF : 41.0/22

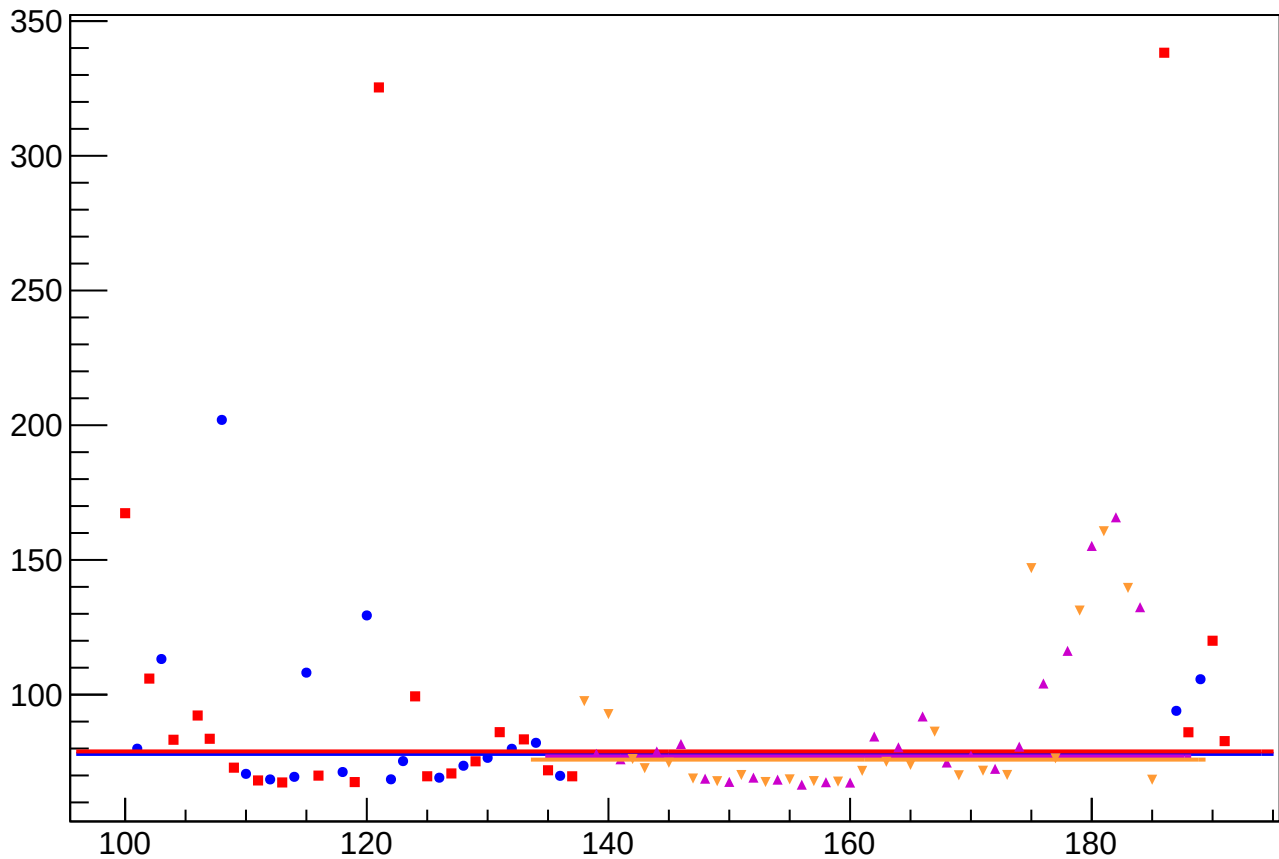
Left In: 179.154 ± 19.112 χ^2/NDF : 23.9/22

+ sign -199.405 ± 15.660 χ^2/NDF : 39.4/43

All: -22.847 ± 11.086 χ^2/NDF : 364.2/89

- sign 154.486 ± 15.695 χ^2/NDF : 70.0/45

dit_asym_sam8_rms vs Slug



Right In: 78.000 $\pm$ 0.021 χ^2 /NDF: 676162.8/18

Left Out: 75.883 $\pm$ 0.013 χ^2 /NDF:1552500.3/24

Right Out: 78.923 $\pm$ 0.019 χ^2 /NDF: 1239877.1/22

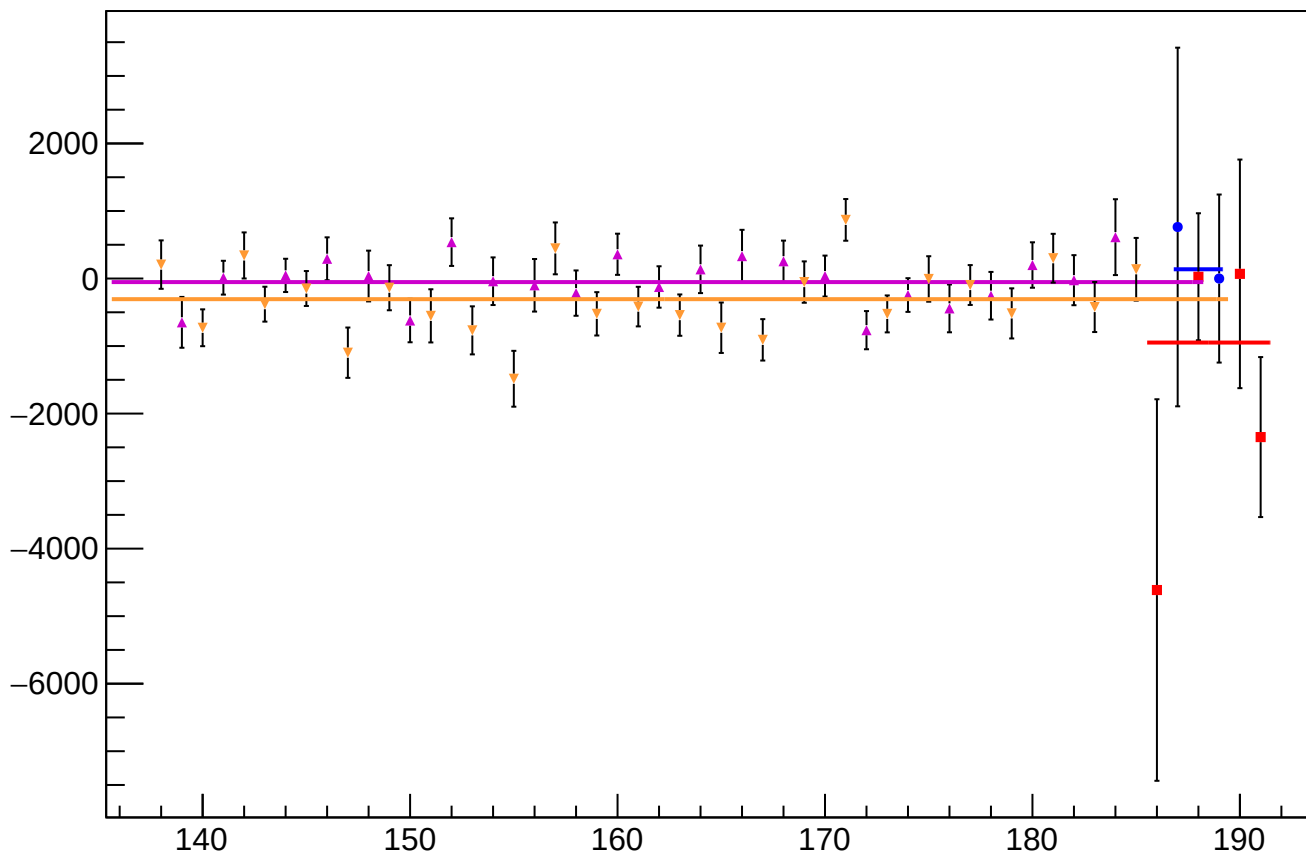
Left In: 77.080 $\pm$ 0.014 χ^2 /NDF:1422981.1/22

+ sign 76.475 $\pm$ 0.011 χ^2 /NDF: 2236027.7/43

All: 77.076 $\pm$ 0.008 χ^2 /NDF: 4910846.7/89

- sign 77.680 $\pm$ 0.011 χ^2 /NDF: 2668916.2/45

asym_sam8_correction_mean vs Slug



Right In: 137.040 ± 1126.747 χ^2/NDF : 0.1/1

Left Out: -305.659 ± 65.327 χ^2/NDF : 54.9/24

Right Out: -948.289 ± 656.905 χ^2/NDF : 4.5/3

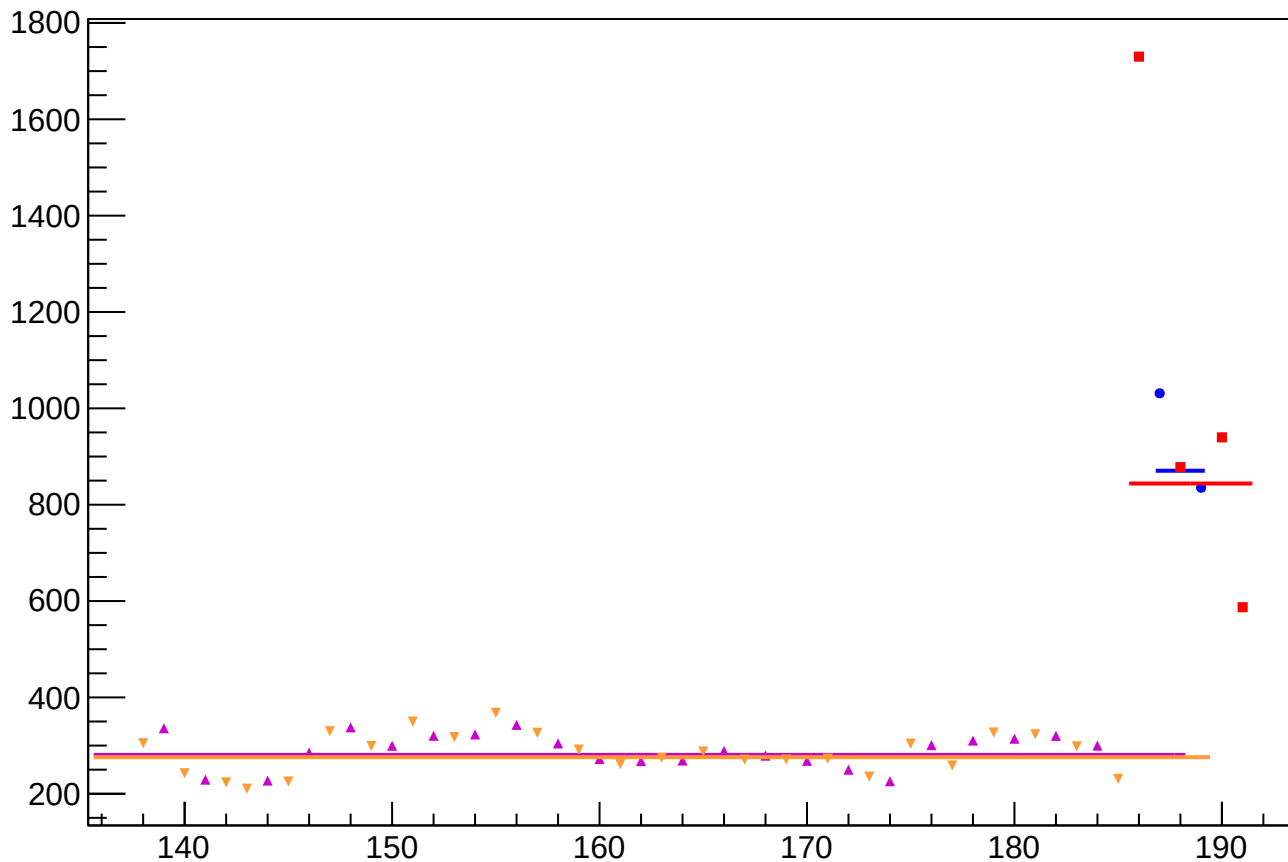
Left In: -52.759 ± 67.539 χ^2/NDF : 24.9/22

+ sign -304.176 ± 65.217 χ^2/NDF : 55.1/26

All: -186.748 ± 46.796 χ^2/NDF : 93.0/53

- sign -62.126 ± 67.185 χ^2/NDF : 31.2/26

asym_sam8_correction_rms vs Slug



Right In: 870.487+/-0.797 χ^2/NDF : 8938.0/1

Left Out: 275.901+/-0.046 χ^2/NDF : 753109.6/24

Right Out: 843.973+/-0.465 χ^2/NDF : 299725.7/3

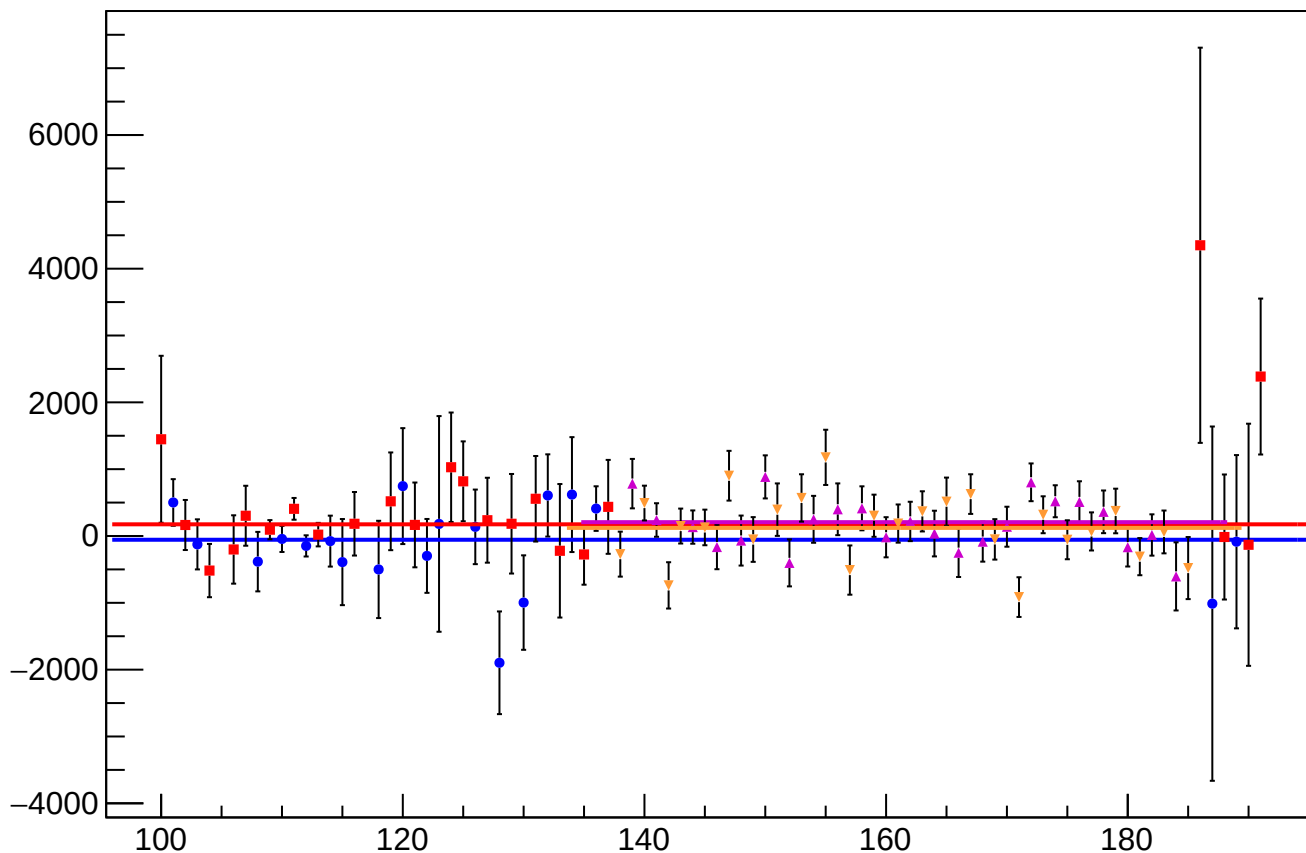
Left In: 280.628+/-0.048 χ^2/NDF : 587415.9/22

+ sign 277.893+/-0.046 χ^2/NDF : 1317120.1/26

All: 282.079+/-0.033 χ^2/NDF : 3676723.6/53

- sign 286.521+/-0.048 χ^2/NDF : 2342620.2/26

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: 174.741 ± 76.386 χ^2/NDF : 17.6/22

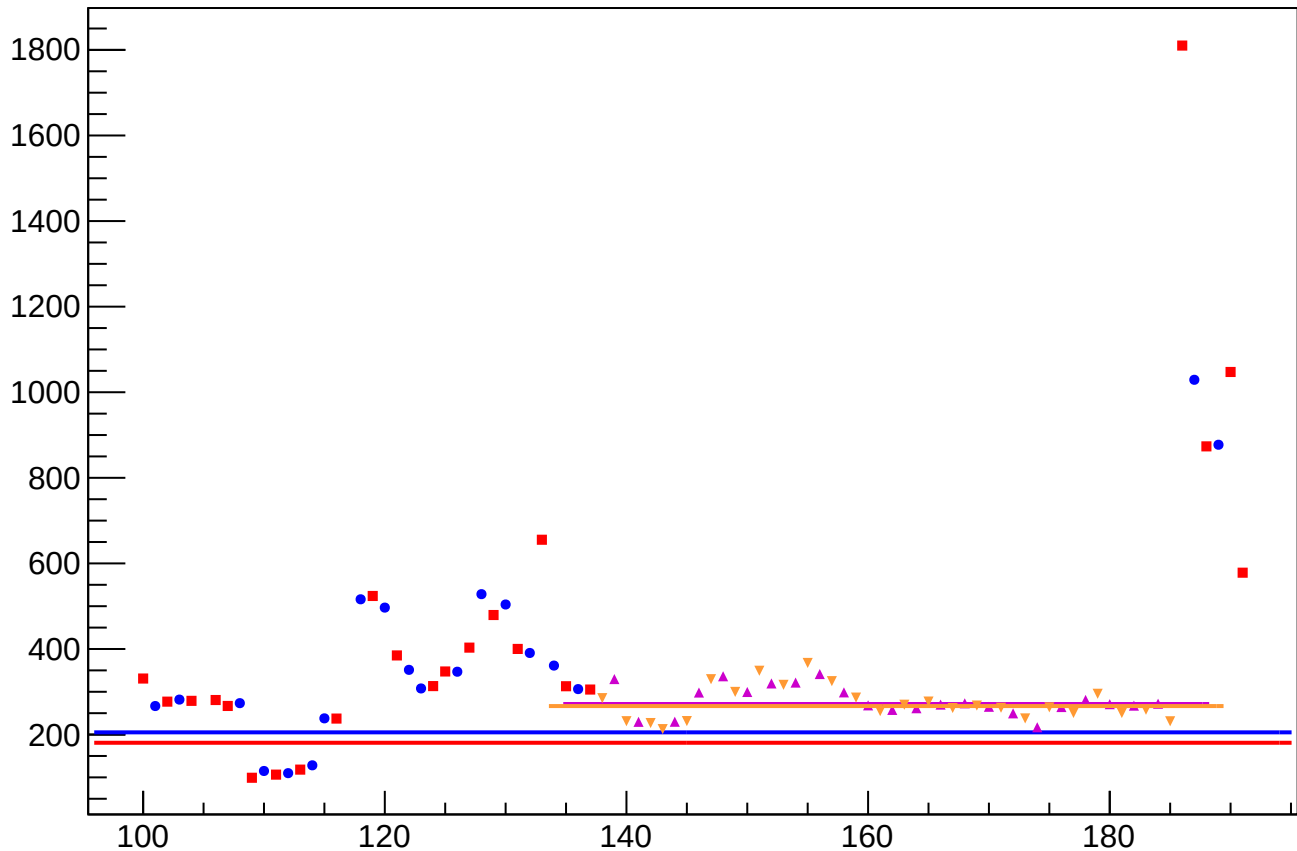
Left In: 207.047 ± 65.246 χ^2/NDF : 27.8/22

+ sign 63.039 ± 51.578 χ^2/NDF : 68.3/43

All: 130.762 ± 35.756 χ^2/NDF : 117.1/89

- sign 193.419 ± 49.612 χ^2/NDF : 45.4/45

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: 180.865+/-0.054 χ^2/NDF : 6513724.4/22

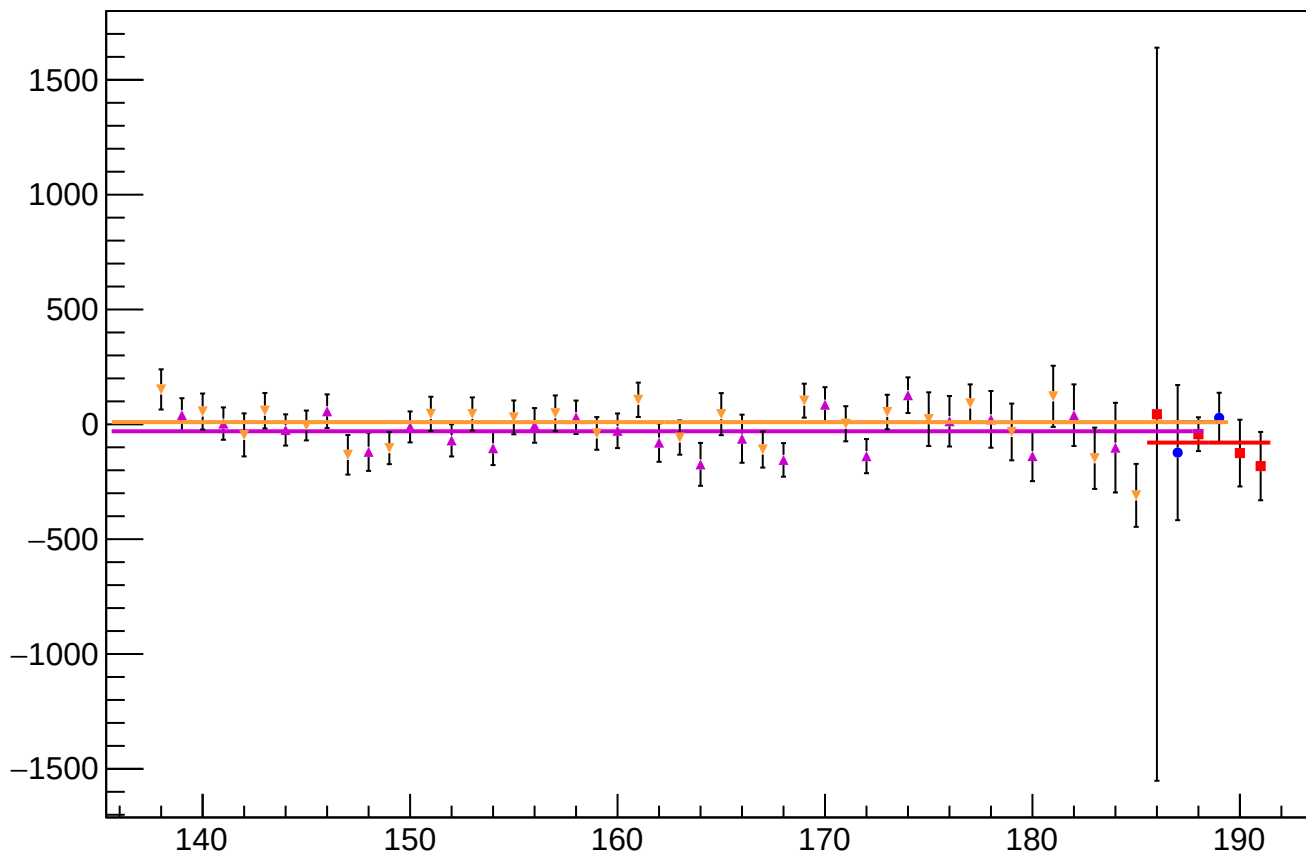
Left In: 271.451+/-0.046 χ^2/NDF :530897.8/22

+ sign 246.481+/-0.036 χ^2/NDF : 5435466.5/43

All: 239.603+/-0.025 χ^2/NDF : 14174768.8/89

- sign 233.239+/-0.035 χ^2/NDF : 8670826.2/45

dit_asym_sam_15_avg_mean vs Slug



Right In: 9.871 ± 102.450 χ^2/NDF : 0.2/1

Left Out: 9.762 ± 16.463 χ^2/NDF : 25.9/24

Right Out: -79.475 ± 60.067 χ^2/NDF : 0.8/3

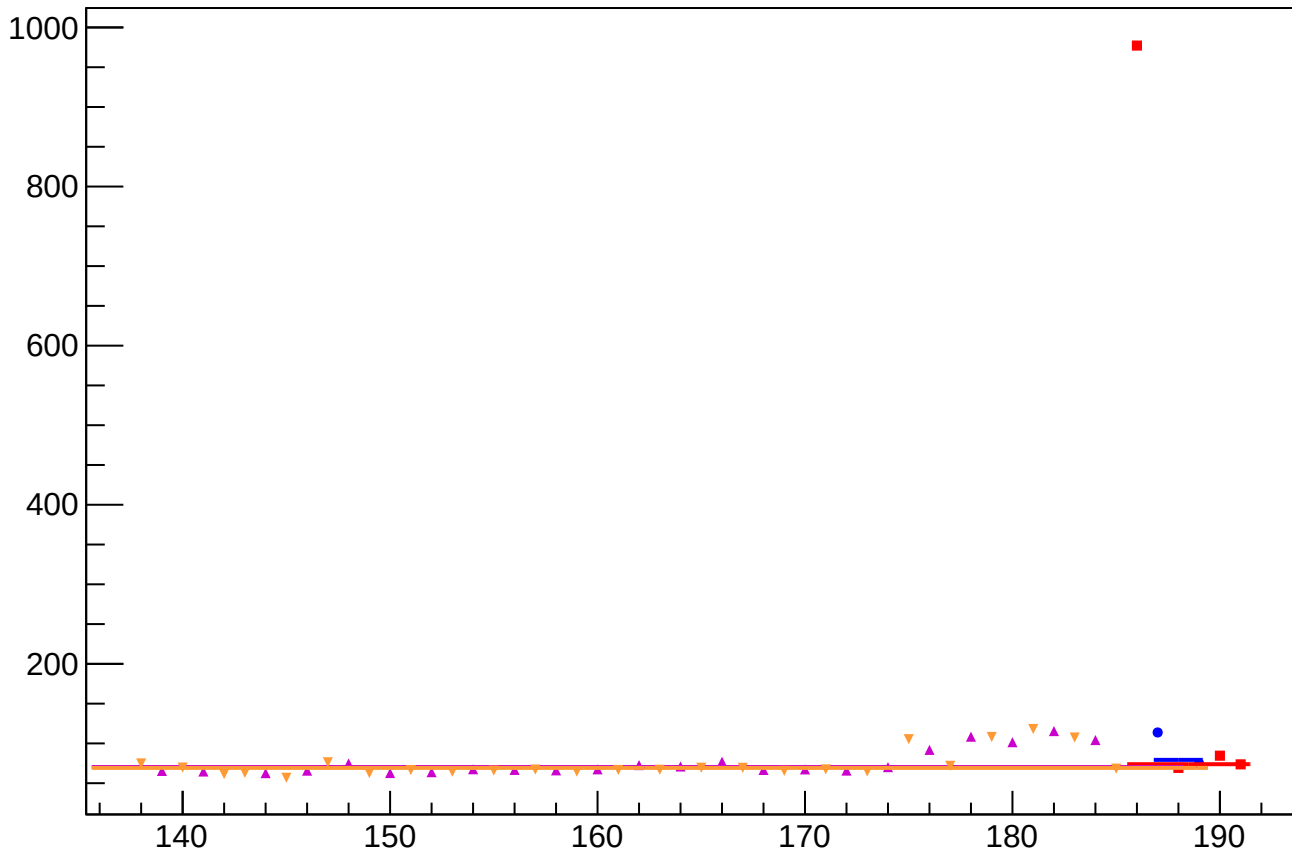
Left In: -30.236 ± 17.031 χ^2/NDF : 21.9/22

+ sign 9.765 ± 16.255 χ^2/NDF : 26.2/26

All: -11.893 ± 11.540 χ^2/NDF : 53.1/53

- sign -33.900 ± 16.385 χ^2/NDF : 23.3/26

dit_asym_sam_15_avg_rms vs Slug



Right In: 79.321+/-0.072 χ^2/NDF : 31181.4/1

Left Out: 69.234+/-0.012 χ^2/NDF : 1005922.1/24

Right Out: 73.868+/-0.042 χ^2/NDF : 659436.9/3

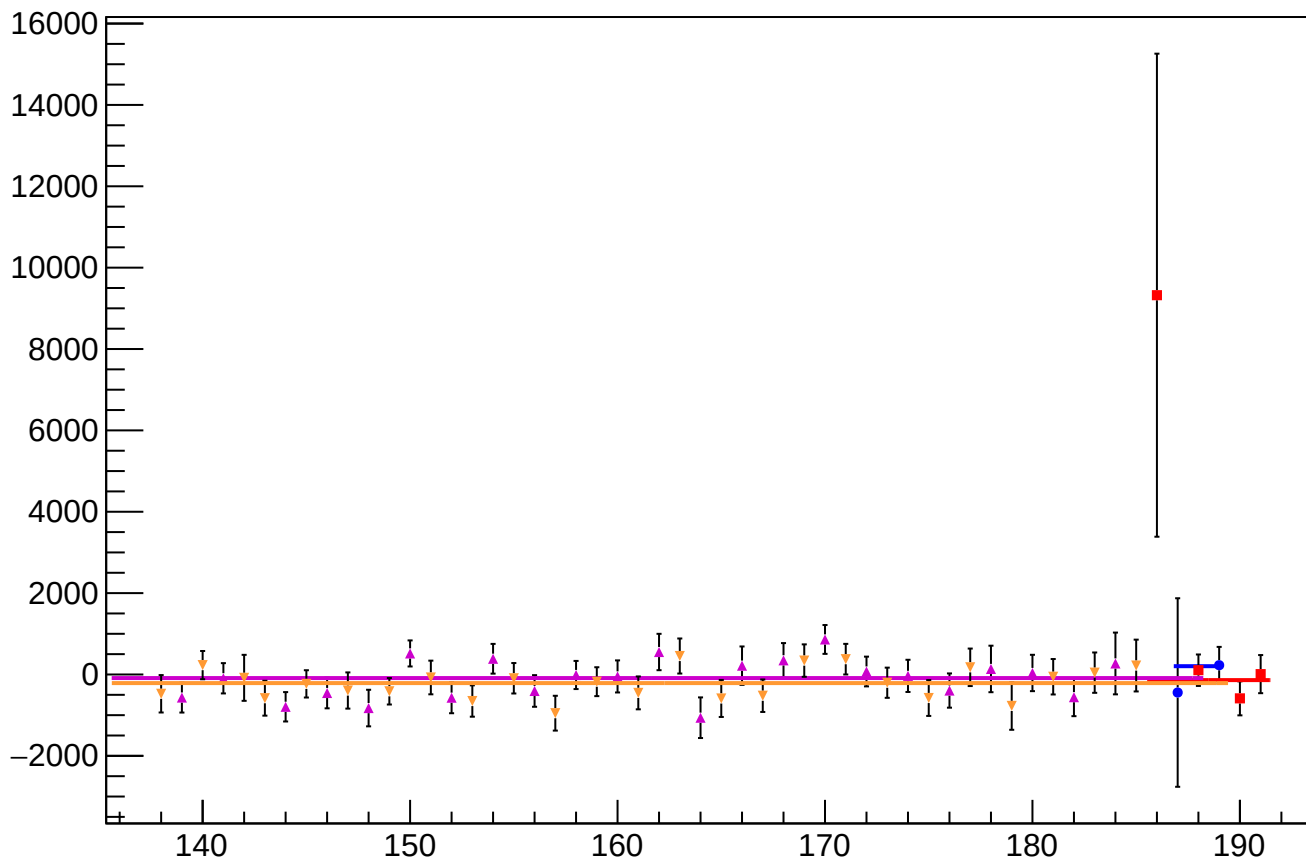
Left In: 70.322+/-0.012 χ^2/NDF : 862105.7/22

+ sign 69.488+/-0.011 χ^2/NDF : 1056001.9/26

All: 70.033+/-0.008 χ^2/NDF : 2588523.5/53

- sign 70.586+/-0.012 χ^2/NDF : 1527991.8/26

asym_sam_15_avg_correction_mean vs Slug



Right In: 203.902 $\pm$ 441.712 χ^2 /NDF: 0.1/1

Left Out: -211.526 $\pm$ 82.780 χ^2 /NDF:19.4/24

Right Out: -138.335 $\pm$ 242.449 χ^2 /NDF: 4.2/3

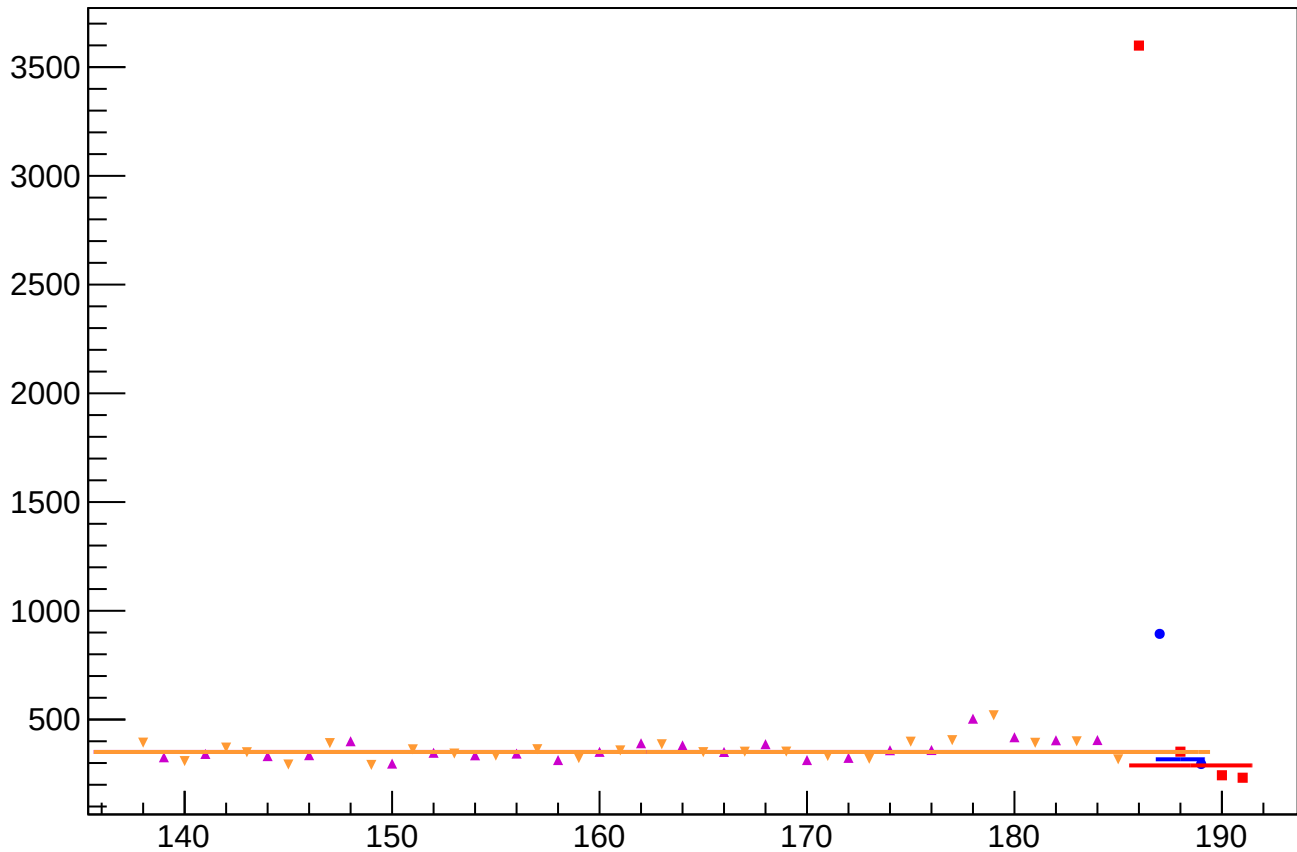
Left In: -88.062 $\pm$ 84.309 χ^2 /NDF:33.5/22

+ sign -197.431 $\pm$ 81.363 χ^2 /NDF: 20.3/26

All: -144.340 $\pm$ 56.911 χ^2 /NDF: 58.9/53

- sign -93.485 $\pm$ 79.632 χ^2 /NDF: 37.7/26

asym_sam_15_avg_correction_rms vs Slug



Right In: 317.092 $\pm$ 0.312 χ^2 /NDF: 128573.2/1

Left Out: 350.780 $\pm$ 0.059 χ^2 /NDF: 506274.4/24

Right Out: 288.947 $\pm$ 0.171 χ^2 /NDF: 727978.6/3

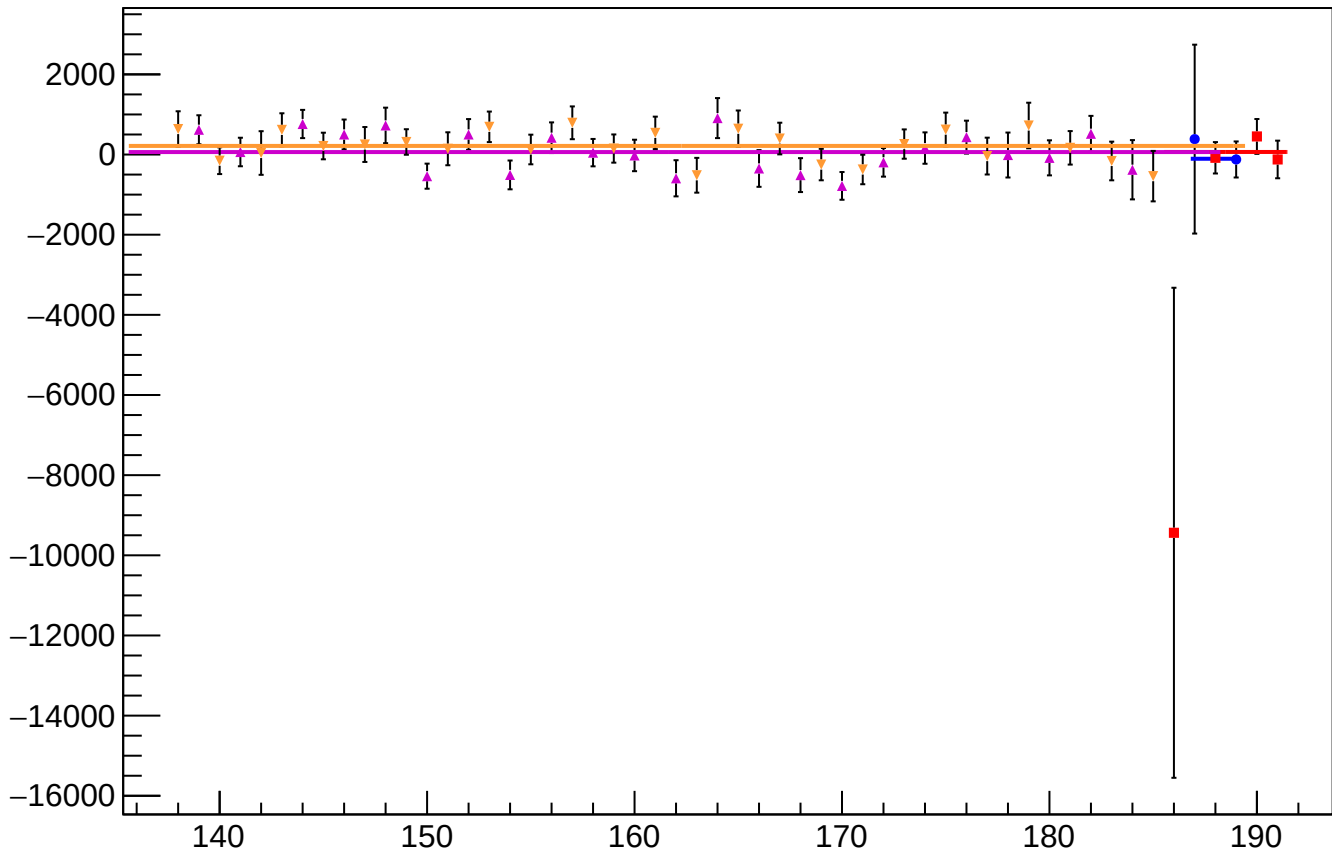
Left In: 350.944 $\pm$ 0.060 χ^2 /NDF: 424876.4/22

+ sign 349.637 $\pm$ 0.058 χ^2 /NDF: 646086.4/26

All: 346.889 $\pm$ 0.040 χ^2 /NDF: 1920081.8/53

- sign 344.256 $\pm$ 0.056 χ^2 /NDF: 1269527.2/26

asym_sam_15_avg_mean vs Slug



Right In: -105.186 ± 441.657 χ^2/NDF : 0.0/1

Left Out: 215.214 ± 81.235 χ^2/NDF : 19.6/24

Right Out: 64.170 ± 247.065 χ^2/NDF : 3.5/3

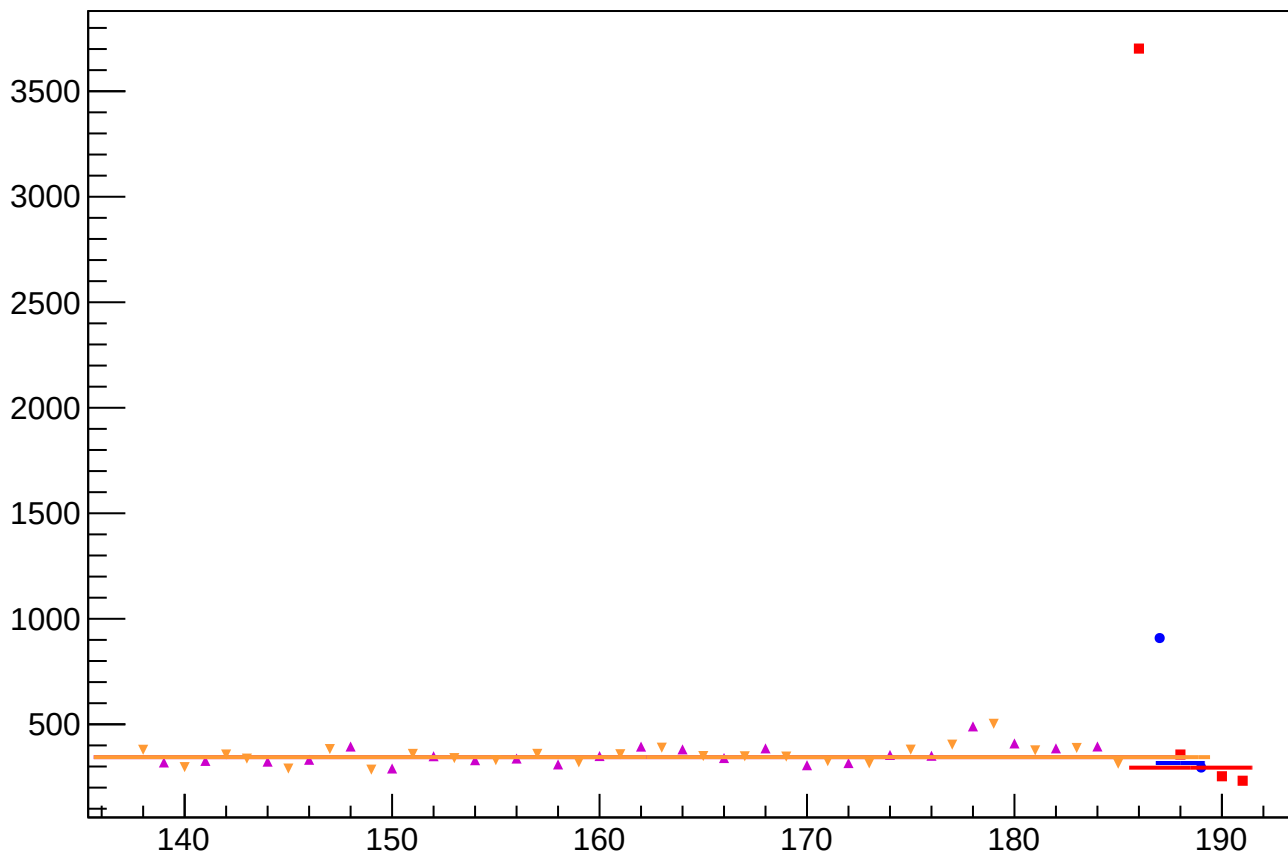
Left In: 61.730 ± 82.841 χ^2/NDF : 34.9/22

+ sign 204.729 ± 79.895 χ^2/NDF : 20.1/26

All: 132.136 ± 56.010 χ^2/NDF : 60.2/53

- sign 61.977 ± 78.543 χ^2/NDF : 38.4/26

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: 294.575 $\pm$ 0.175 χ^2 /NDF: 724260.4/3

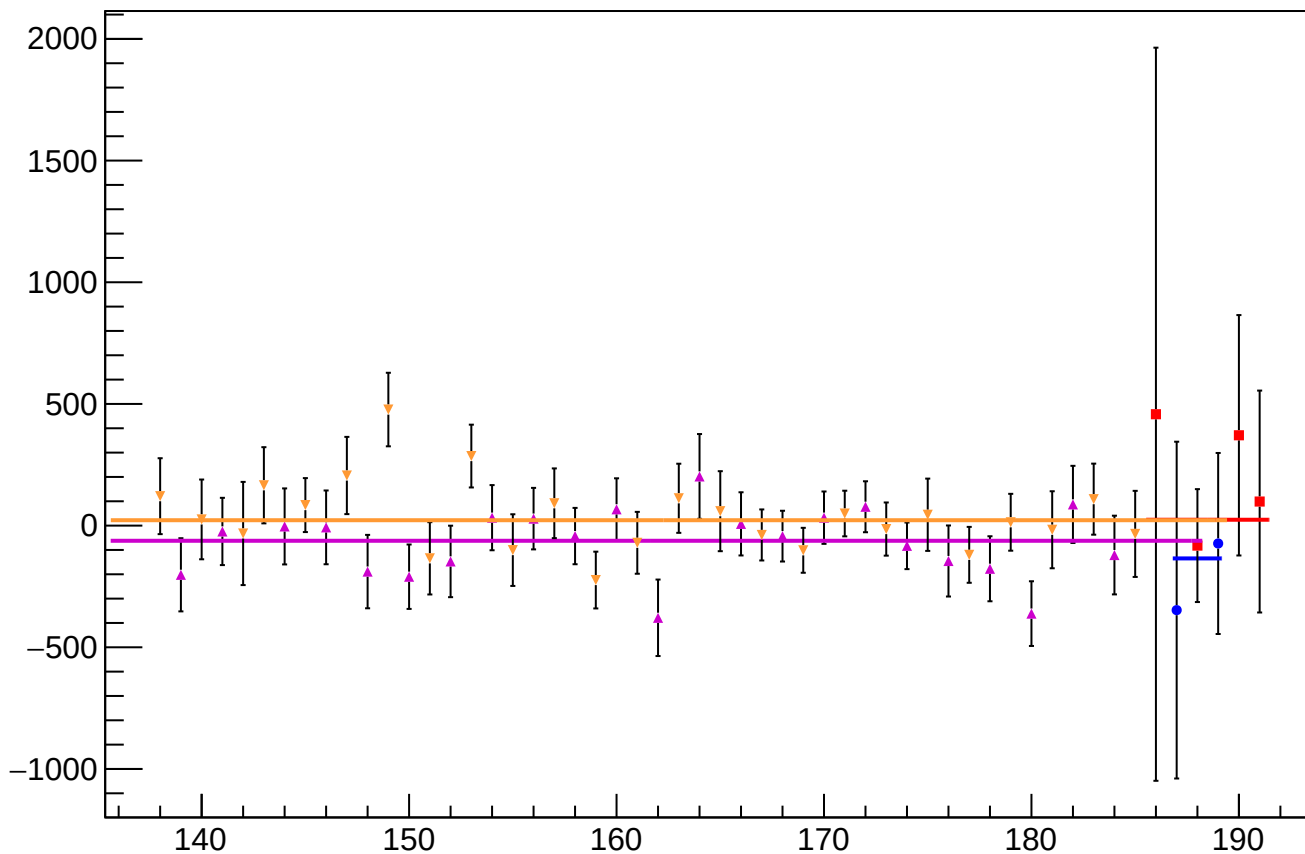
Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

+ sign 343.532 $\pm$ 0.056 χ^2 /NDF: 626848.8/26

All: 341.447 $\pm$ 0.040 χ^2 /NDF: 1860527.0/53

- sign 339.432 $\pm$ 0.056 χ^2 /NDF: 1231000.3/26

dit_asym_sam_26_avg_mean vs Slug



Right In: -134.802 ± 327.618 χ^2/NDF : 0.1/1

Left Out: 22.164 ± 26.284 χ^2/NDF : 28.1/24

Right Out: 24.105 ± 189.212 χ^2/NDF : 0.8/3

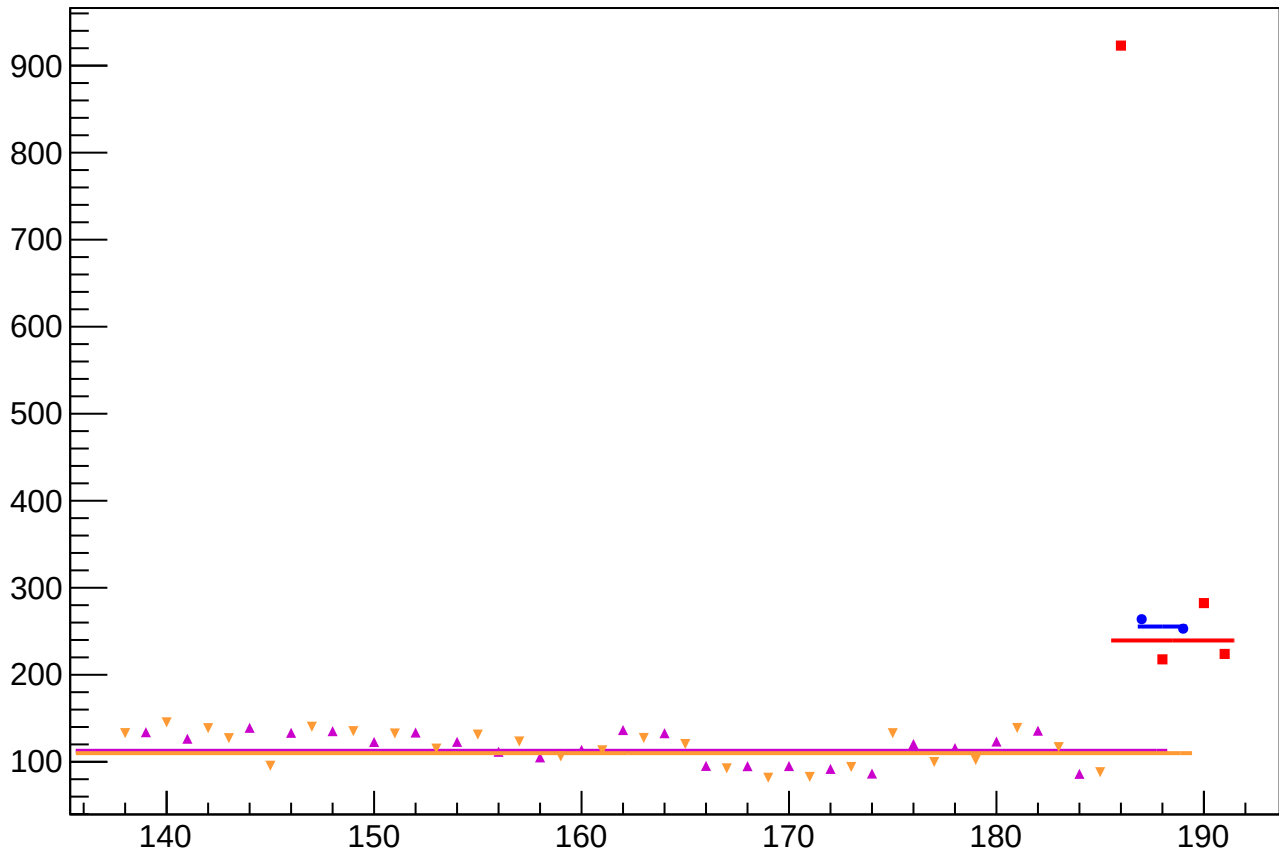
Left In: -62.310 ± 27.398 χ^2/NDF : 22.0/22

+ sign 21.160 ± 26.200 χ^2/NDF : 28.4/26

All: -18.285 ± 18.842 χ^2/NDF : 56.2/53

- sign -60.535 ± 27.116 χ^2/NDF : 23.0/26

dit_asym_sam_26_avg_rms vs Slug



Right In: 255.444 $\pm$ 0.232 χ^2 /NDF: 384.6/1

Left Out: 109.953 $\pm$ 0.019 χ^2 /NDF: 1140626.9/24

Right Out: 239.427 $\pm$ 0.134 χ^2 /NDF: 446801.5/3

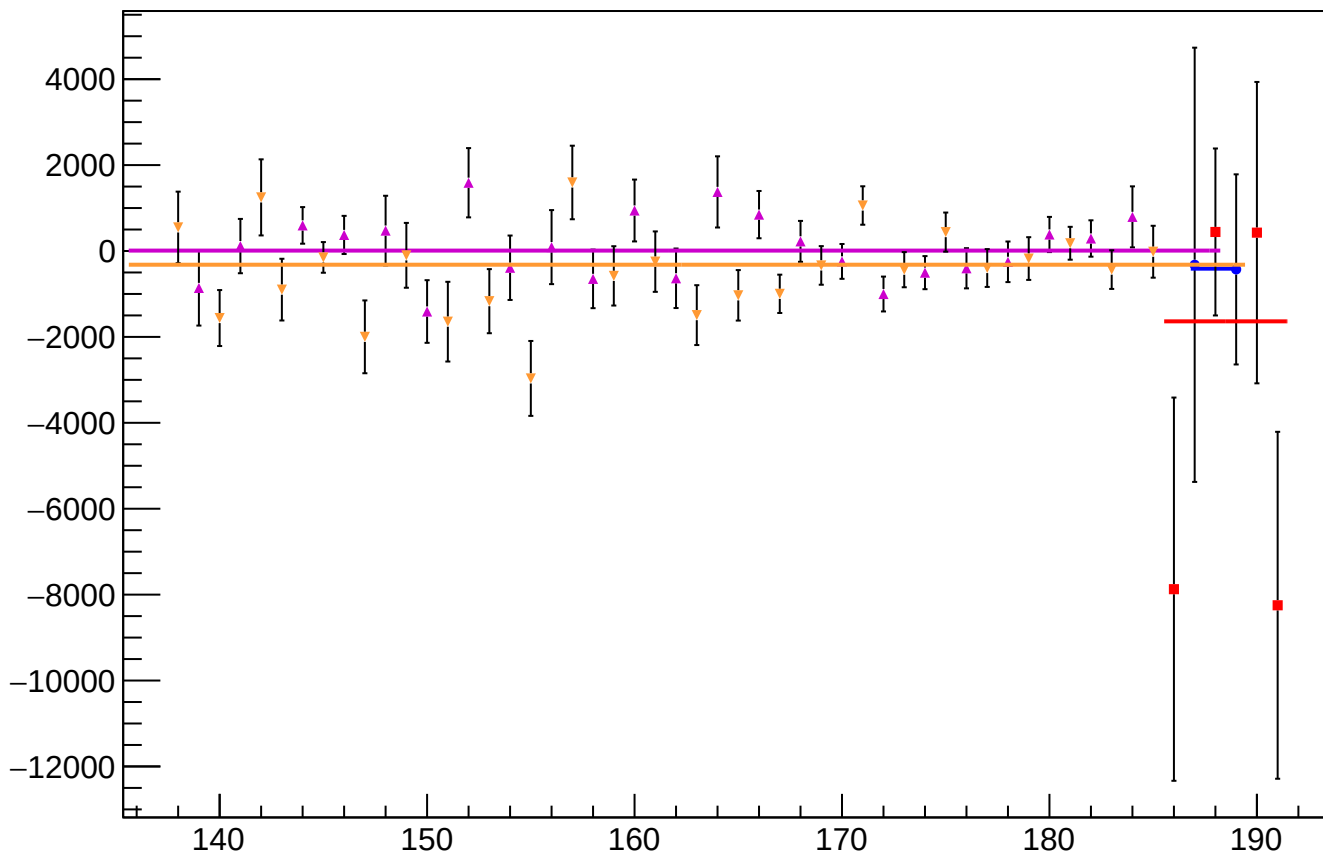
Left In: 112.657 $\pm$ 0.019 χ^2 /NDF: 835831.1/22

+ sign 110.883 $\pm$ 0.019 χ^2 /NDF: 1532920.7/26

All: 112.997 $\pm$ 0.013 χ^2 /NDF: 3721847.9/53

- sign 115.260 $\pm$ 0.019 χ^2 /NDF: 2161970.2/26

asym_sam_26_avg_correction_mean vs Slug



Right In: -411.241 ± 2027.415 χ^2/NDF : 0.0/1

Left Out: -319.391 ± 110.306 χ^2/NDF : 51.5/24

Right Out: -1637.790 ± 1478.396 χ^2/NDF : 6.1/3

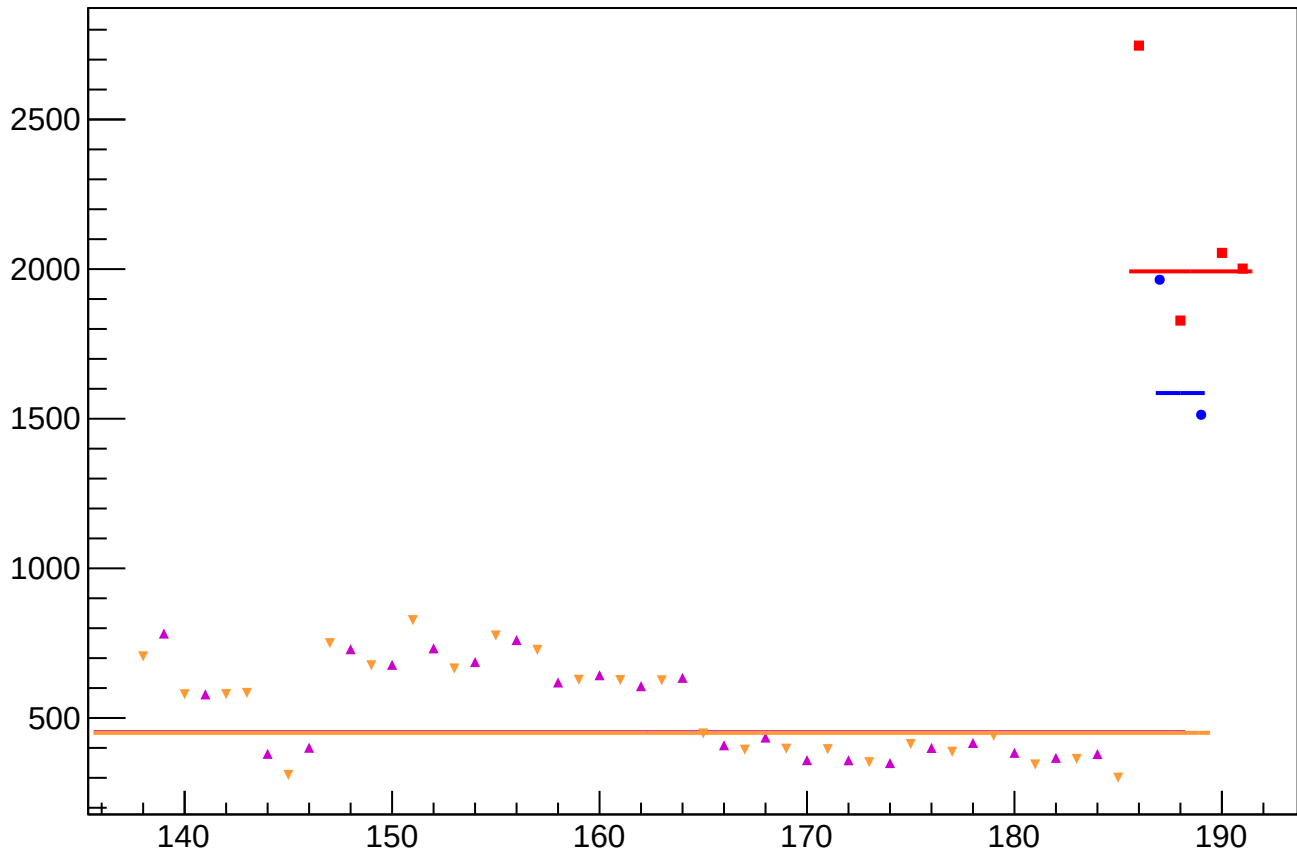
Left In: 9.462 ± 112.340 χ^2/NDF : 32.5/22

+ sign -319.662 ± 110.143 χ^2/NDF : 51.5/26

All: -162.526 ± 78.537 χ^2/NDF : 95.5/53

- sign 0.005 ± 112.017 χ^2/NDF : 39.8/26

asym_sam_26_avg_correction_rms vs Slug



Right In: 1585.795+/-1.434 χ^2/NDF : 13378.3/1

Left Out: 450.363+/-0.078 χ^2/NDF : 3096435.8/24

Right Out: 1992.347+/-1.045 χ^2/NDF : 72137.7/3

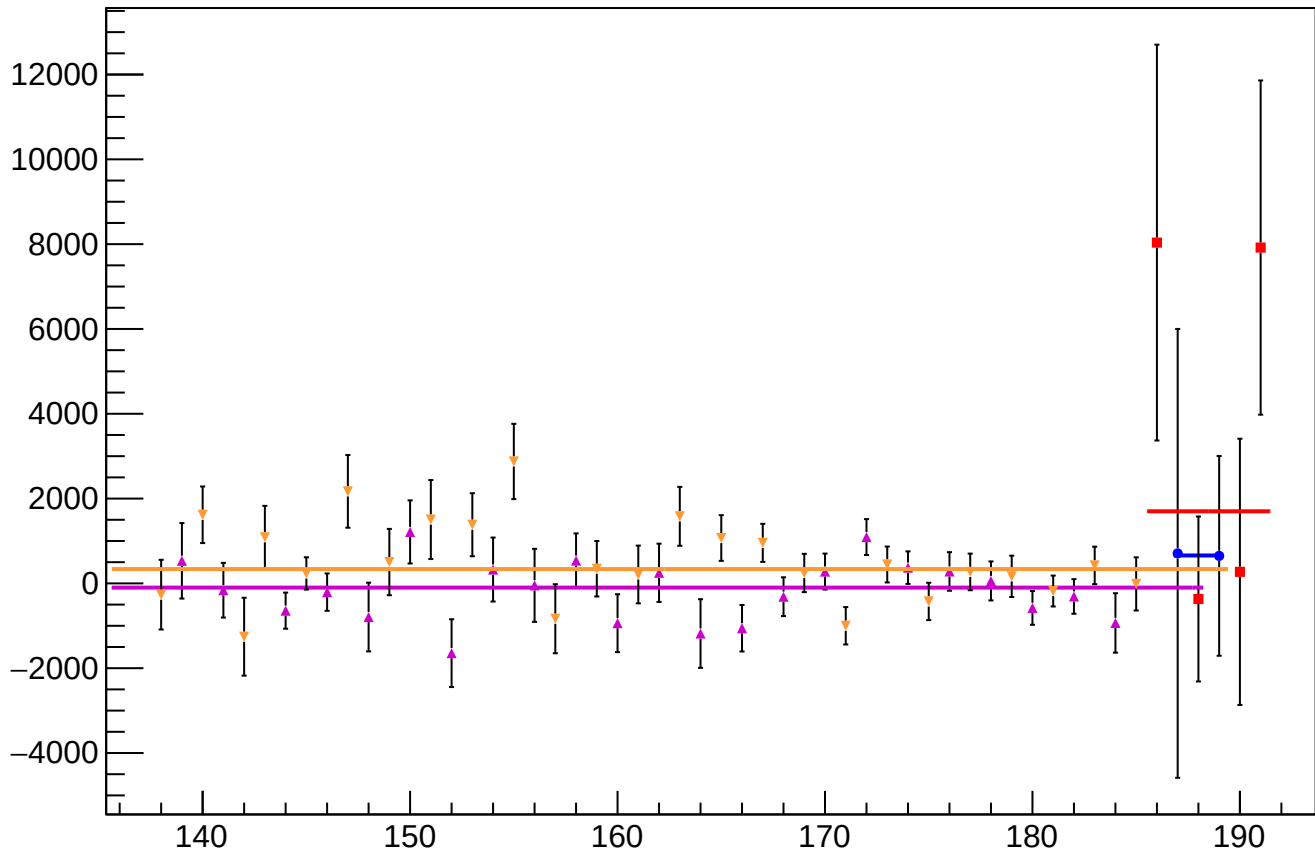
Left In: 452.694+/-0.079 χ^2/NDF : 2586032.2/22

+ sign 453.714+/-0.078 χ^2/NDF : 3735250.2/26

All: 457.558+/-0.056 χ^2/NDF : 8555093.6/53

- sign 461.533+/-0.079 χ^2/NDF : 4814888.7/26

asym_sam_26_avg_mean vs Slug



Right In: 658.374 $\pm$ 2151.739 χ^2 /NDF: 0.0/1

Left Out: 337.948 $\pm$ 109.831 χ^2 /NDF: 48.6/24

Right Out: 1700.260 $\pm$ 1449.450 χ^2 /NDF: 5.7/3

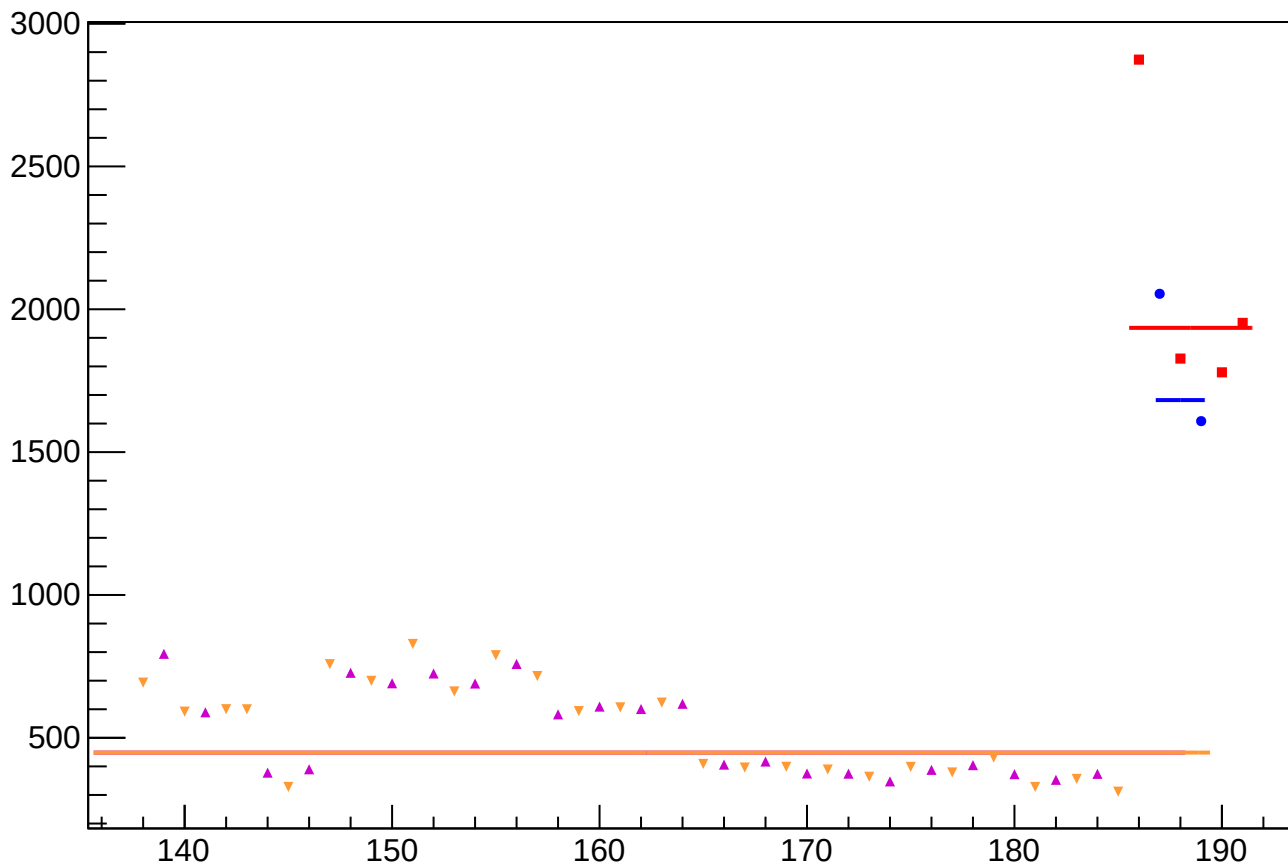
Left In: -99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

+ sign 338.780 $\pm$ 109.688 χ^2 /NDF: 48.6/26

All: 127.769 $\pm$ 78.072 χ^2 /NDF: 95.4/53

- sign -88.892 $\pm$ 111.147 χ^2 /NDF: 39.3/26

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: 1934.958+/-1.025 χ^2/NDF : 91998.8/3

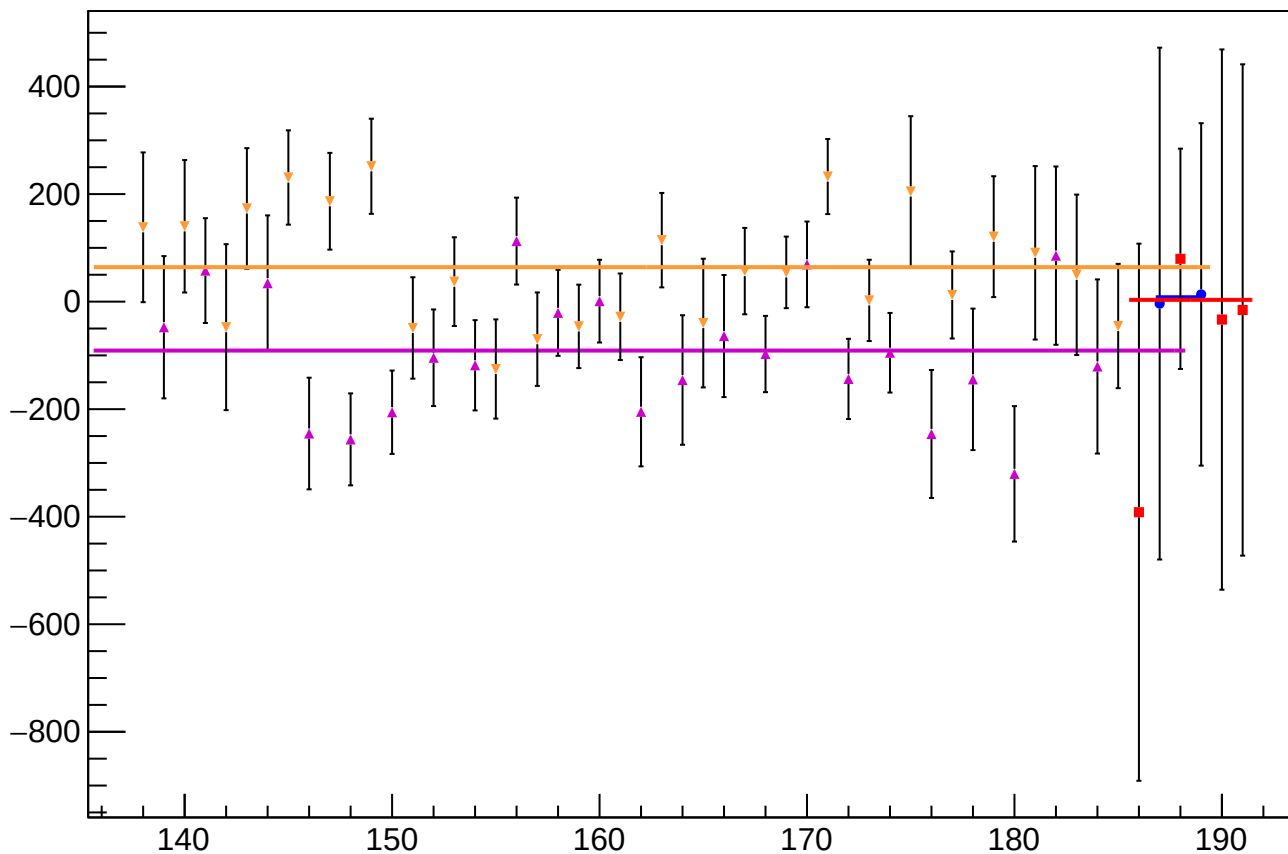
Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

+ sign 451.603+/-0.078 χ^2/NDF : 3744801.1/26

All: 454.256+/-0.055 χ^2/NDF : 8494430.0/53

- sign 456.980+/-0.079 χ^2/NDF : 4747256.8/26

dit_asym_sam_37_avg_mean vs Slug



Right In: 8.145+/-264.660 χ^2/NDF : 0.0/1

Left Out: 64.142+/-18.728 χ^2/NDF : 33.8/24

Right Out: 3.303+/-165.322 χ^2/NDF : 0.8/3

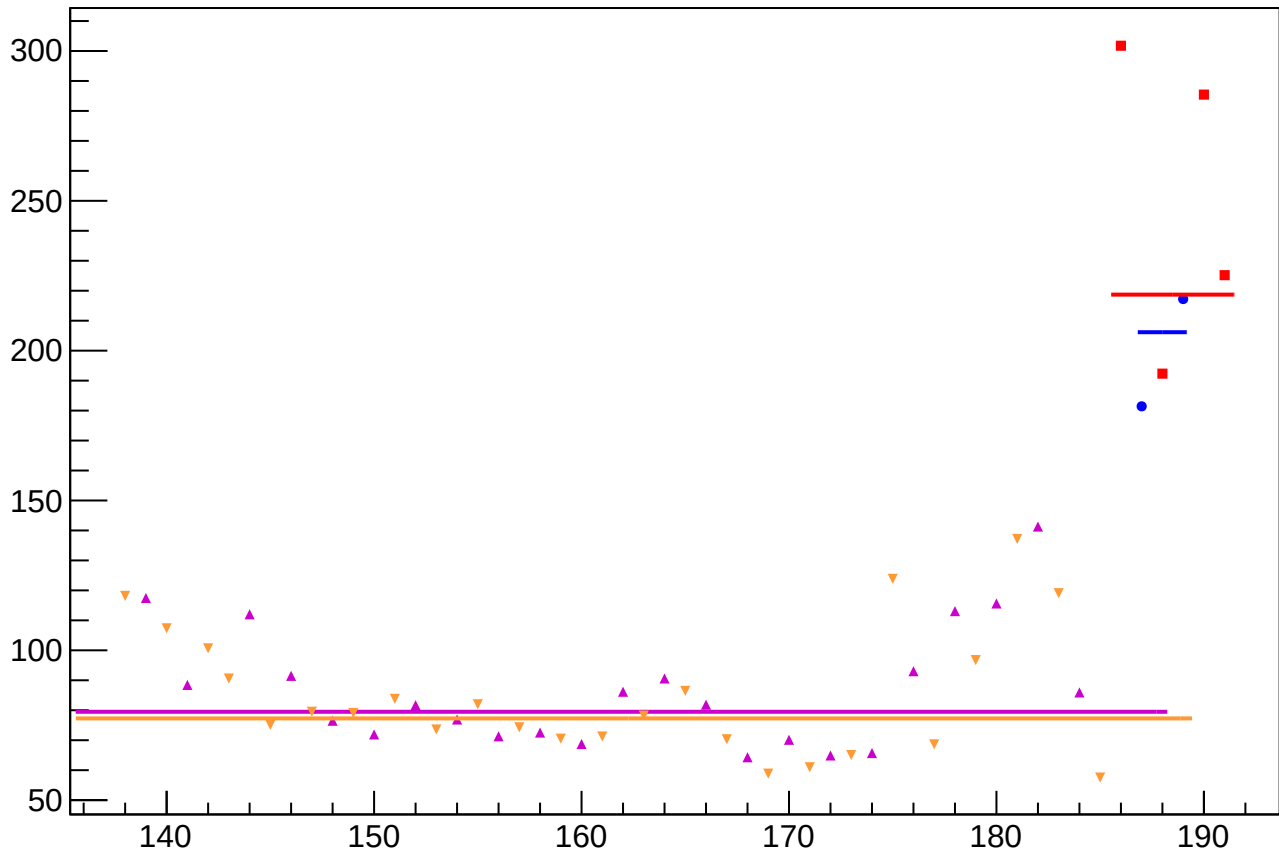
Left In: -91.028+/-19.637 χ^2/NDF : 32.6/22

+ sign 63.863+/-18.681 χ^2/NDF : 33.8/26

All: -9.632+/-13.490 χ^2/NDF : 99.9/53

- sign -89.716+/-19.500 χ^2/NDF : 33.7/26

dit_asym_sam_37_avg_rms vs Slug



Right In: 206.157 $\pm$ 0.187 χ^2 /NDF: 7817.8/1

Left Out: 77.280 $\pm$ 0.013 χ^2 /NDF:1553410.1/24

Right Out: 218.704 $\pm$ 0.117 χ^2 /NDF: 124152.0/3

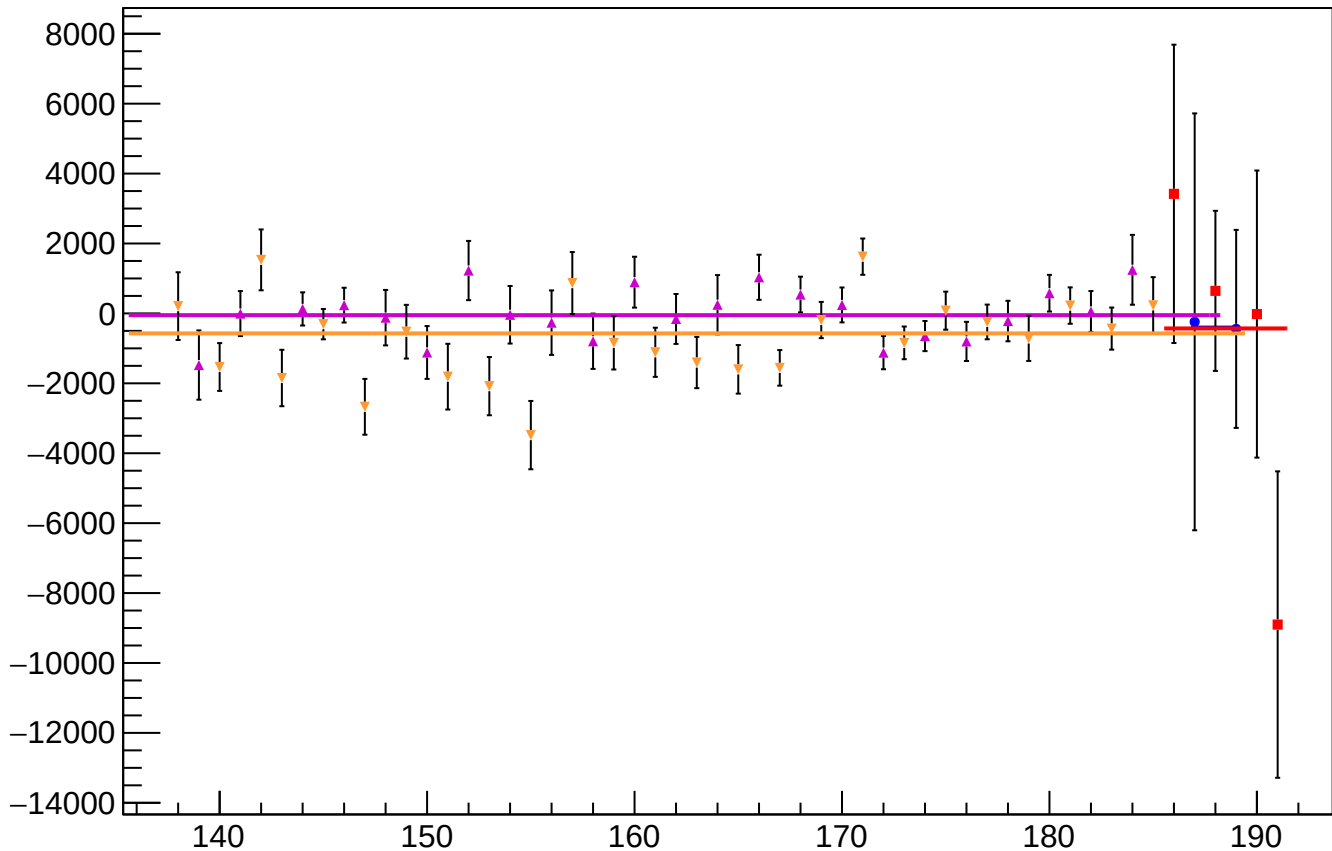
Left In: 79.491 $\pm$ 0.014 χ^2 /NDF:1333774.9/22

+ sign 77.922 $\pm$ 0.013 χ^2 /NDF: 2033111.2/26

All: 79.600 $\pm$ 0.010 χ^2 /NDF: 4923197.9/53

- sign 81.428 $\pm$ 0.014 χ^2 /NDF: 2856362.8/26

asym_sam_37_avg_correction_mean vs Slug



Right In: -405.921 ± 2558.507 χ^2/NDF : 0.0/1

Left Out: -571.669 ± 128.158 χ^2/NDF : 66.8/24

Right Out: -430.196 ± 1673.619 χ^2/NDF : 4.8/3

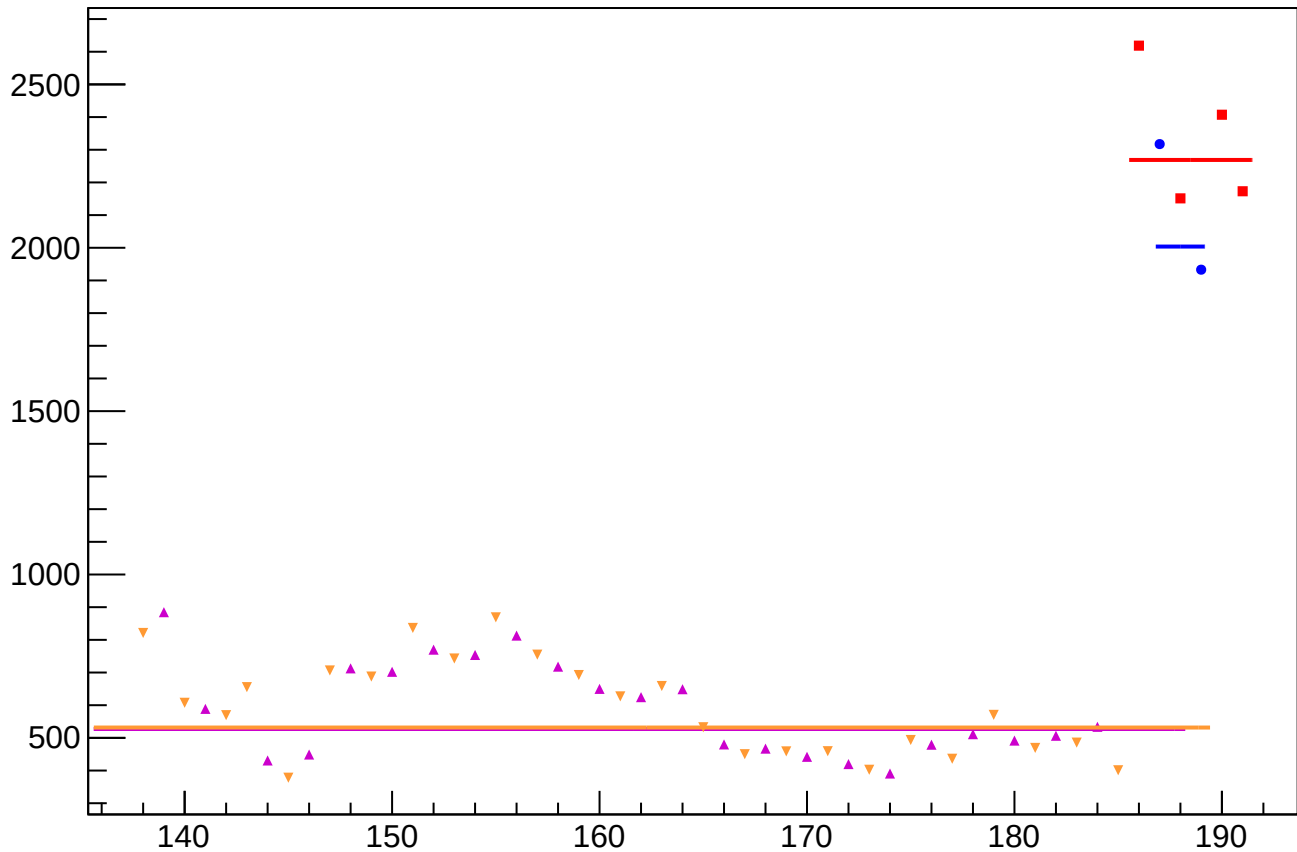
Left In: -50.077 ± 129.187 χ^2/NDF : 26.1/22

+ sign -571.254 ± 127.997 χ^2/NDF : 66.8/26

All: -313.420 ± 90.791 χ^2/NDF : 105.9/53

- sign -52.328 ± 128.803 χ^2/NDF : 31.0/26

asym_sam_37_avg_correction_rms vs Slug



Right In: 2003.717 $\pm$ 1.809 χ^2 /NDF: 6780.8/1

Left Out: 531.643 $\pm$ 0.091 χ^2 /NDF:2038304.3/24

Right Out: 2268.805 $\pm$ 1.183 χ^2 /NDF: 21940.1/3

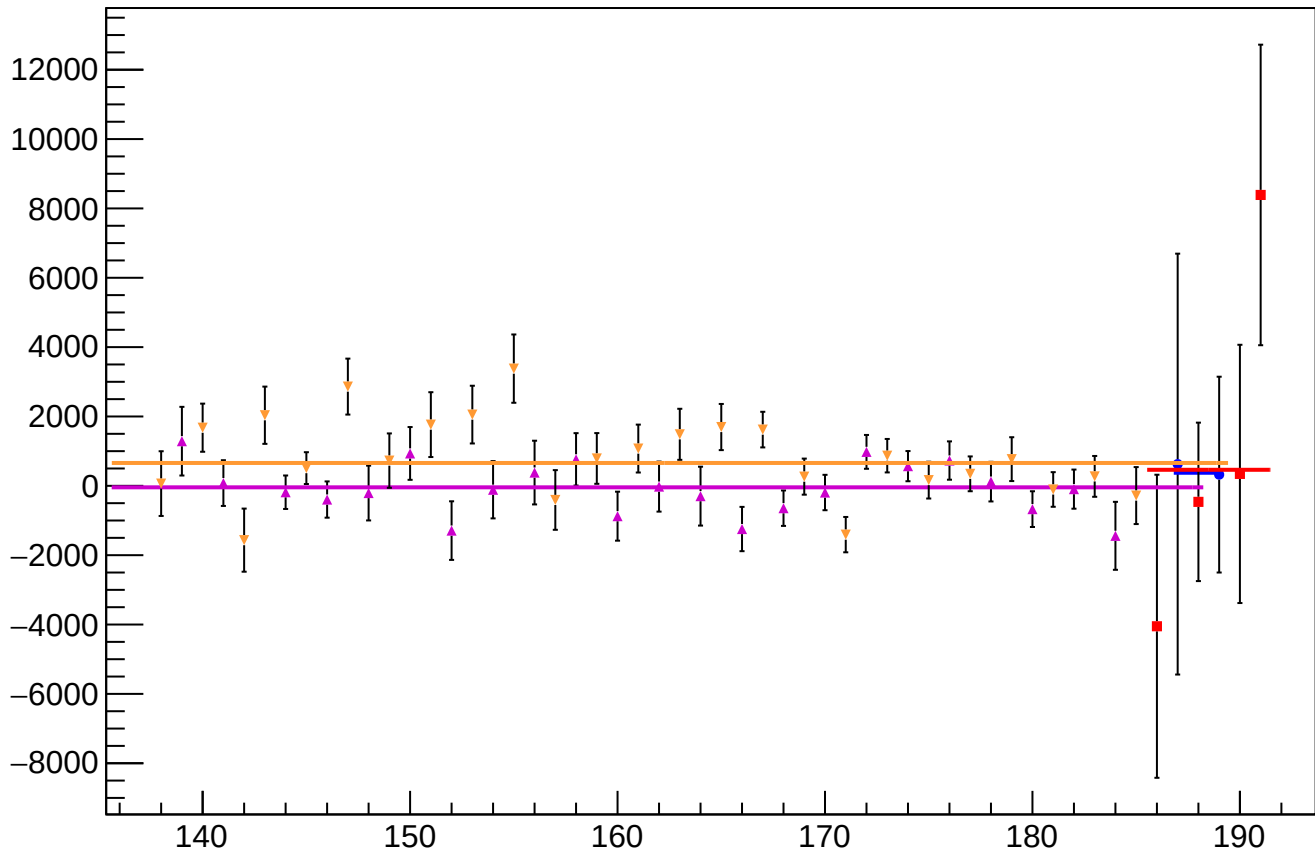
Left In: 527.182 $\pm$ 0.091 χ^2 /NDF:1813383.7/22

+ sign 535.327 $\pm$ 0.091 χ^2 /NDF: 2705516.8/26

All: 536.406 $\pm$ 0.064 χ^2 /NDF: 6694129.3/53

- sign 537.498 $\pm$ 0.091 χ^2 /NDF: 3988326.6/26

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: 462.479 $\pm$ 1645.542 χ^2 /NDF: 4.6/3

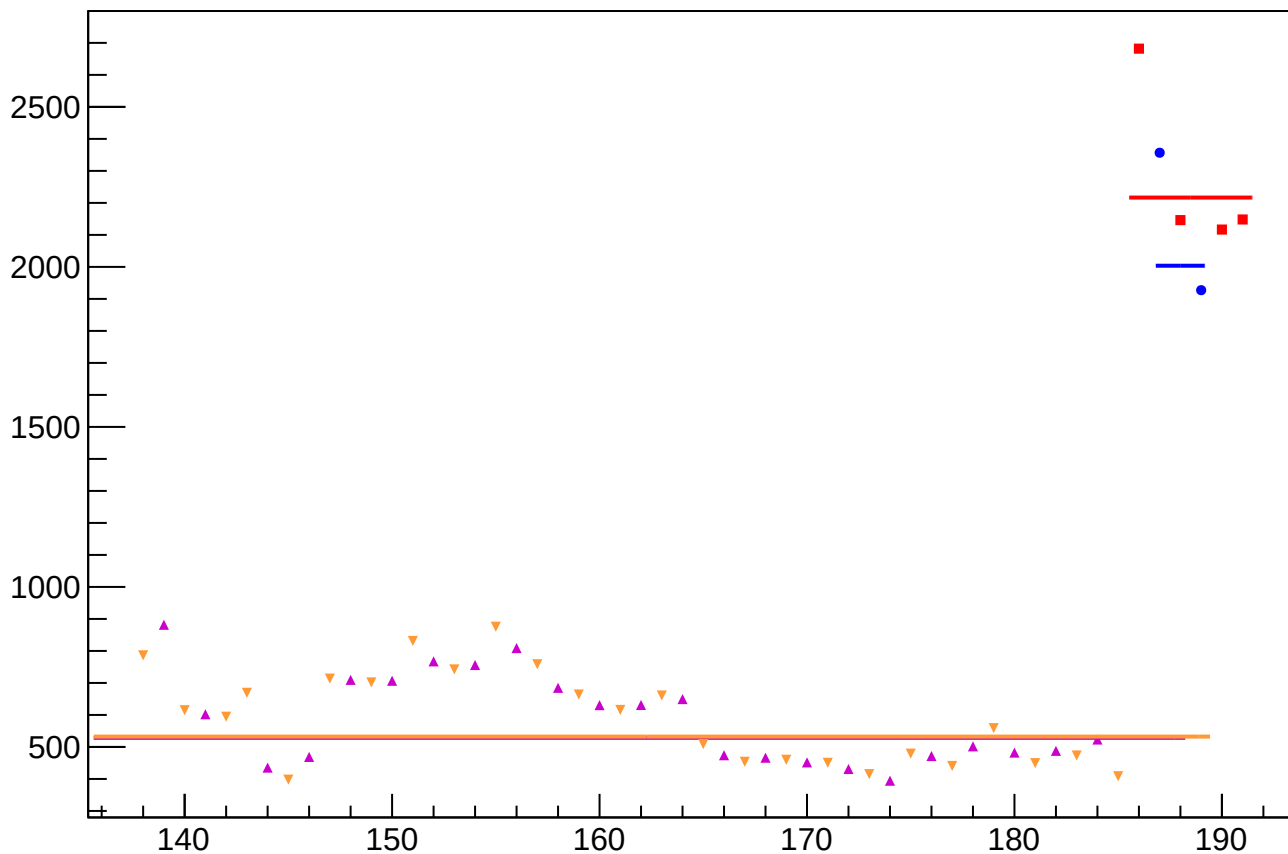
Left In: -43.183 $\pm$ 129.538 χ^2 /NDF: 26.0/22

+ sign 658.818 $\pm$ 128.004 χ^2 /NDF: 62.4/26

All: 312.457 $\pm$ 90.911 χ^2 /NDF: 107.9/53

- sign -40.069 $\pm$ 129.138 χ^2 /NDF: 30.7/26

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: 2216.665+/-1.164 χ^2/NDF : 26517.4/3

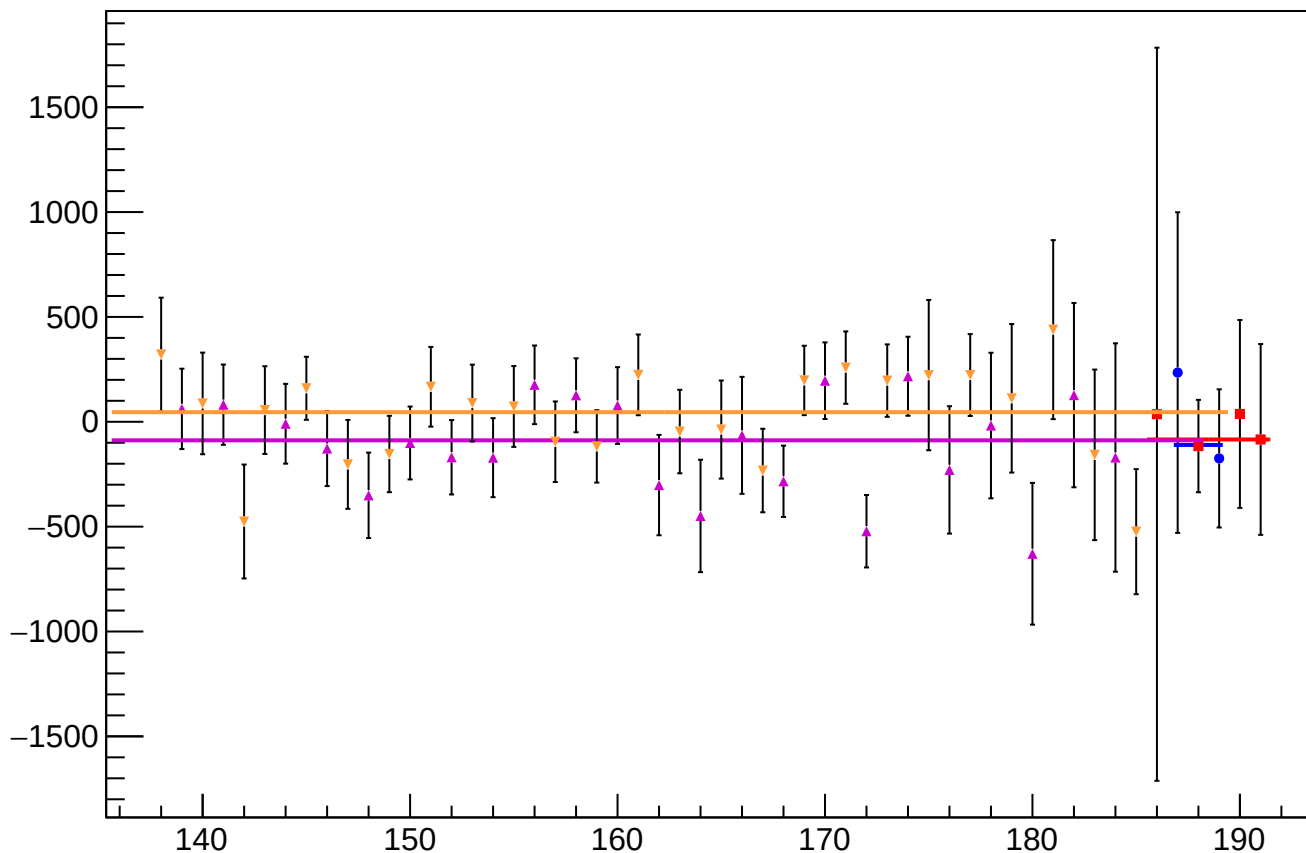
Left In: 528.464+/-0.092 χ^2/NDF : 1712049.5/22

+ sign 536.071+/-0.091 χ^2/NDF : 2610299.0/26

All: 537.454+/-0.064 χ^2/NDF : 6441412.6/53

- sign 538.862+/-0.091 χ^2/NDF : 3830642.6/26

dit_asym_sam_48_avg_mean vs Slug



Right In: -110.463 ± 302.562 χ^2/NDF : 0.2/1

Left Out: 45.675 ± 41.779 χ^2/NDF : 21.9/24

Right Out: -84.391 ± 180.348 χ^2/NDF : 0.1/3

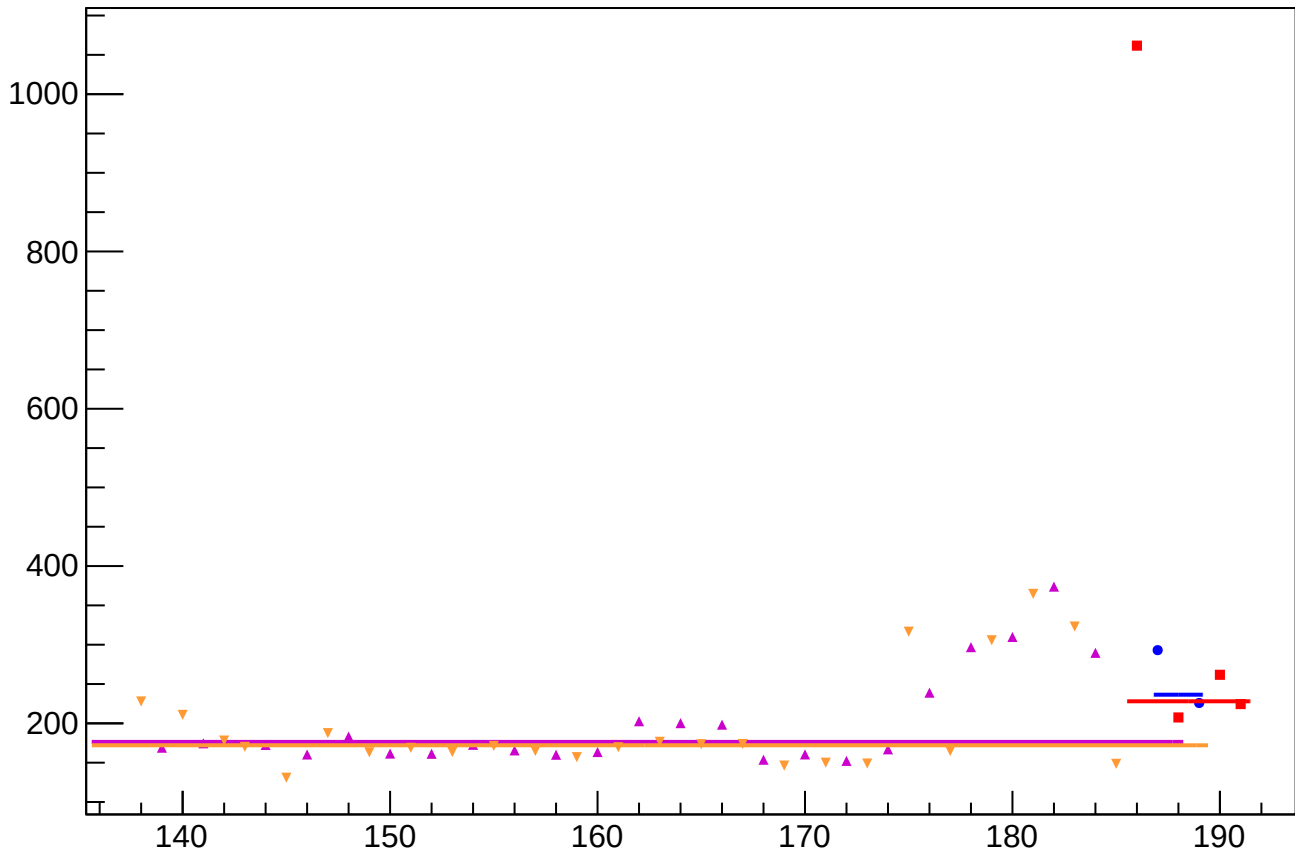
Left In: -88.356 ± 43.518 χ^2/NDF : 26.4/22

+ sign 42.754 ± 41.386 χ^2/NDF : 22.4/26

All: -21.256 ± 29.584 χ^2/NDF : 53.8/53

- sign -88.138 ± 42.304 χ^2/NDF : 26.5/26

dit_asym_sam_48_avg_rms vs Slug



Right In: 236.434 ± 0.214 χ^2/NDF : 13020.6/1

Left Out: 172.097 ± 0.030 χ^2/NDF : 1752497.1/24

Right Out: 228.049 ± 0.128 χ^2/NDF : 483815.4/3

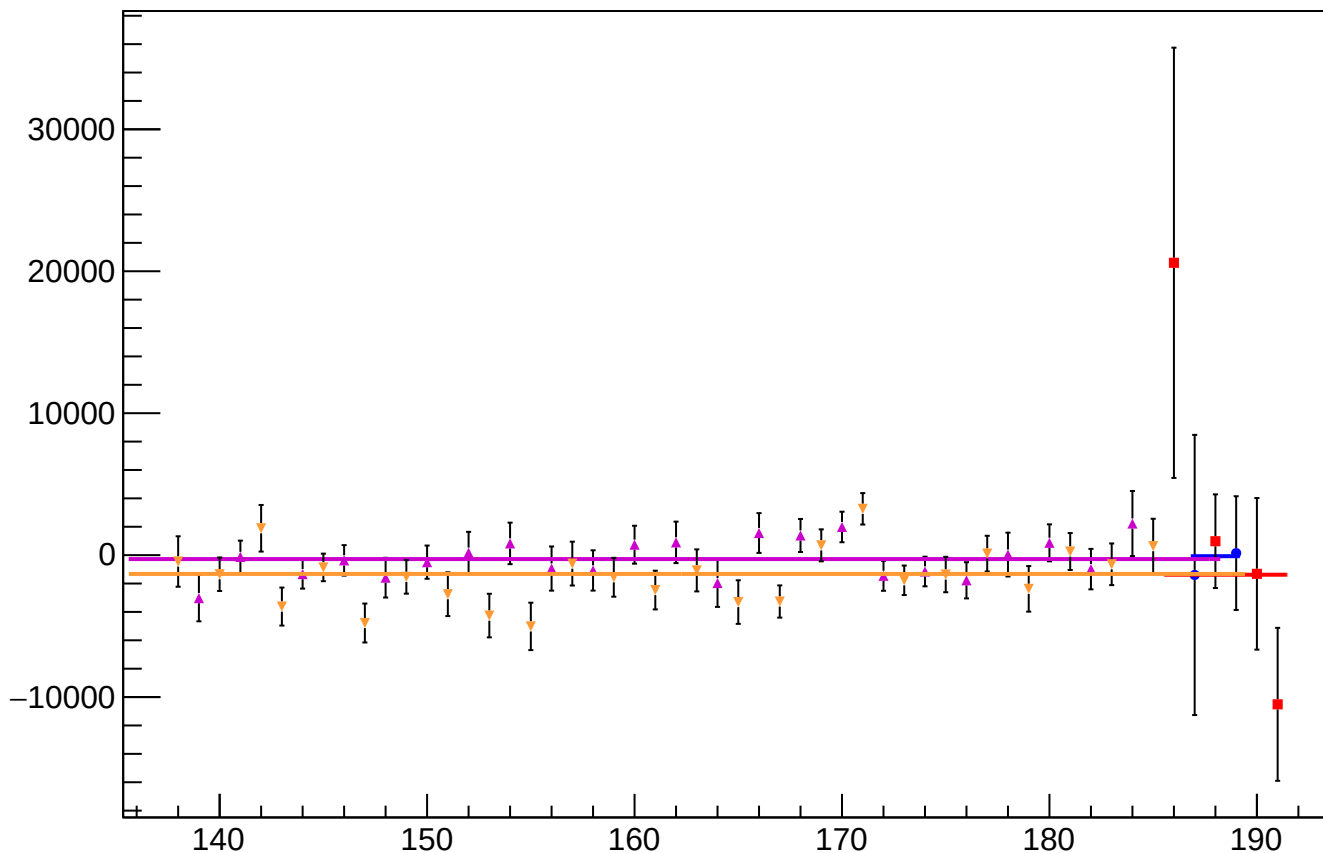
Left In: 176.425 ± 0.031 χ^2/NDF : 1360607.7/22

+ sign 173.301 ± 0.029 χ^2/NDF : 1854259.3/26

All: 176.218 ± 0.021 χ^2/NDF : 3873855.3/53

- sign 179.265 ± 0.030 χ^2/NDF : 1999279.5/26

asym_sam_48_avg_correction_mean vs Slug



Right In: -74.393 ± 3712.128 χ^2/NDF : 0.0/1

Left Out: -1324.367 ± 265.950 χ^2/NDF : 53.6/24

Right Out: -1379.458 ± 2456.721 χ^2/NDF : 5.5/3

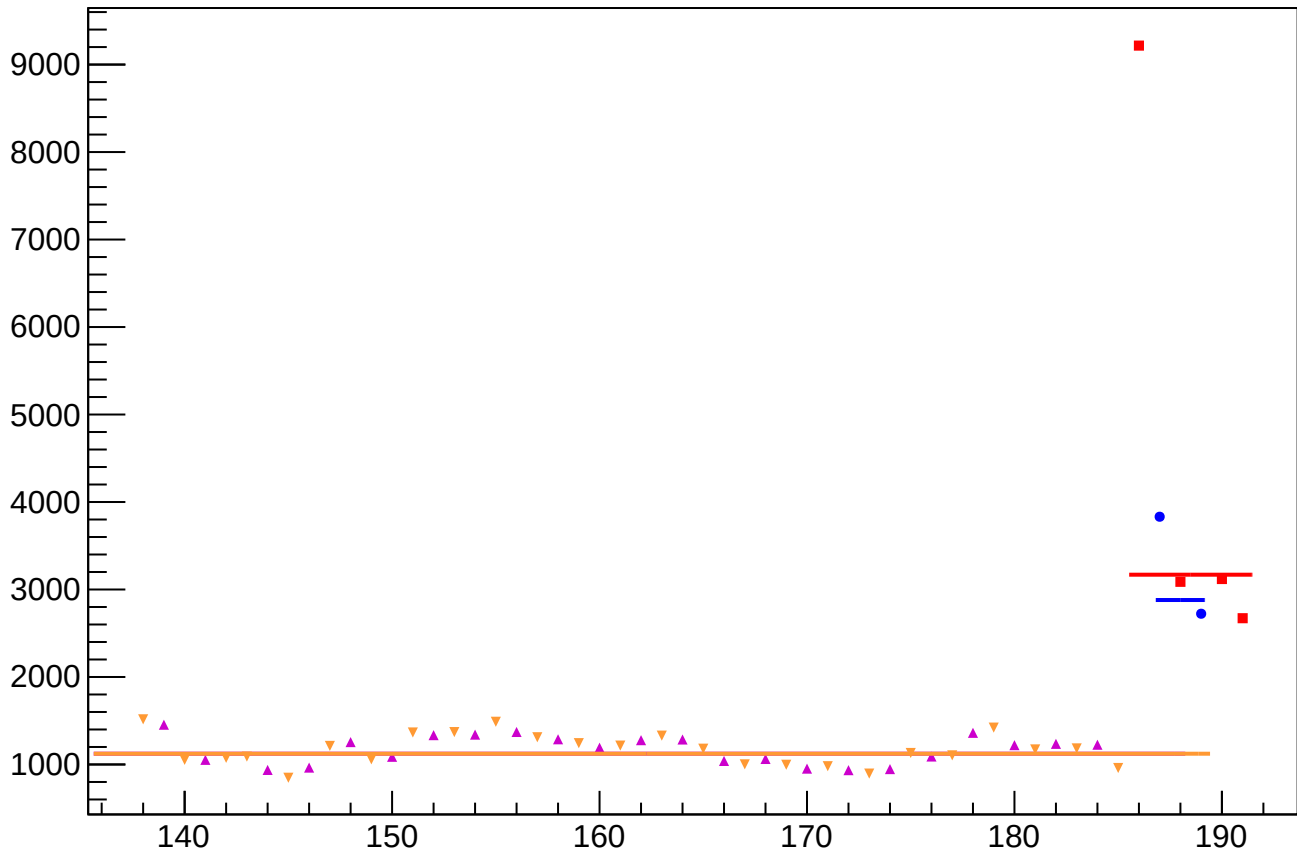
Left In: -276.678 ± 270.547 χ^2/NDF : 22.0/22

+ sign -1317.984 ± 265.270 χ^2/NDF : 53.8/26

All: -810.964 ± 188.852 χ^2/NDF : 88.9/53

- sign -289.891 ± 268.921 χ^2/NDF : 27.7/26

asym_sam_48_avg_correction_rms vs Slug



Right In: 2879.819+/-2.625 χ^2/NDF : 21672.5/1

Left Out: 1123.022+/-0.188 χ^2/NDF : 842393.5/24

Right Out: 3169.169+/-1.737 χ^2/NDF : 336854.1/3

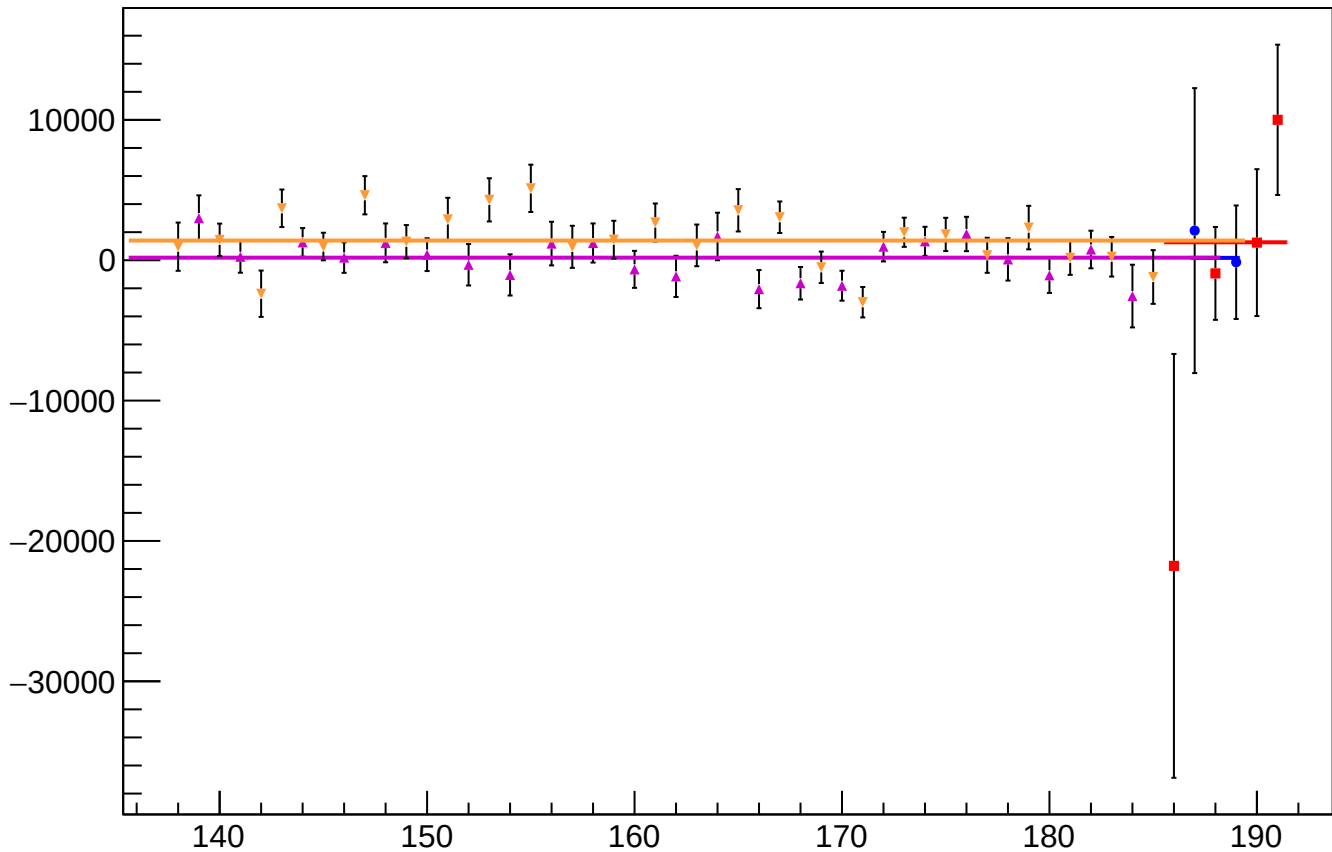
Left In: 1123.148+/-0.191 χ^2/NDF : 689778.4/22

+ sign 1131.993+/-0.188 χ^2/NDF : 1309726.6/26

All: 1139.721+/-0.134 χ^2/NDF : 3710379.1/53

- sign 1147.664+/-0.190 χ^2/NDF : 2397210.5/26

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: 1278.987 $\pm$ 2446.122 χ^2 /NDF: 5.4/3

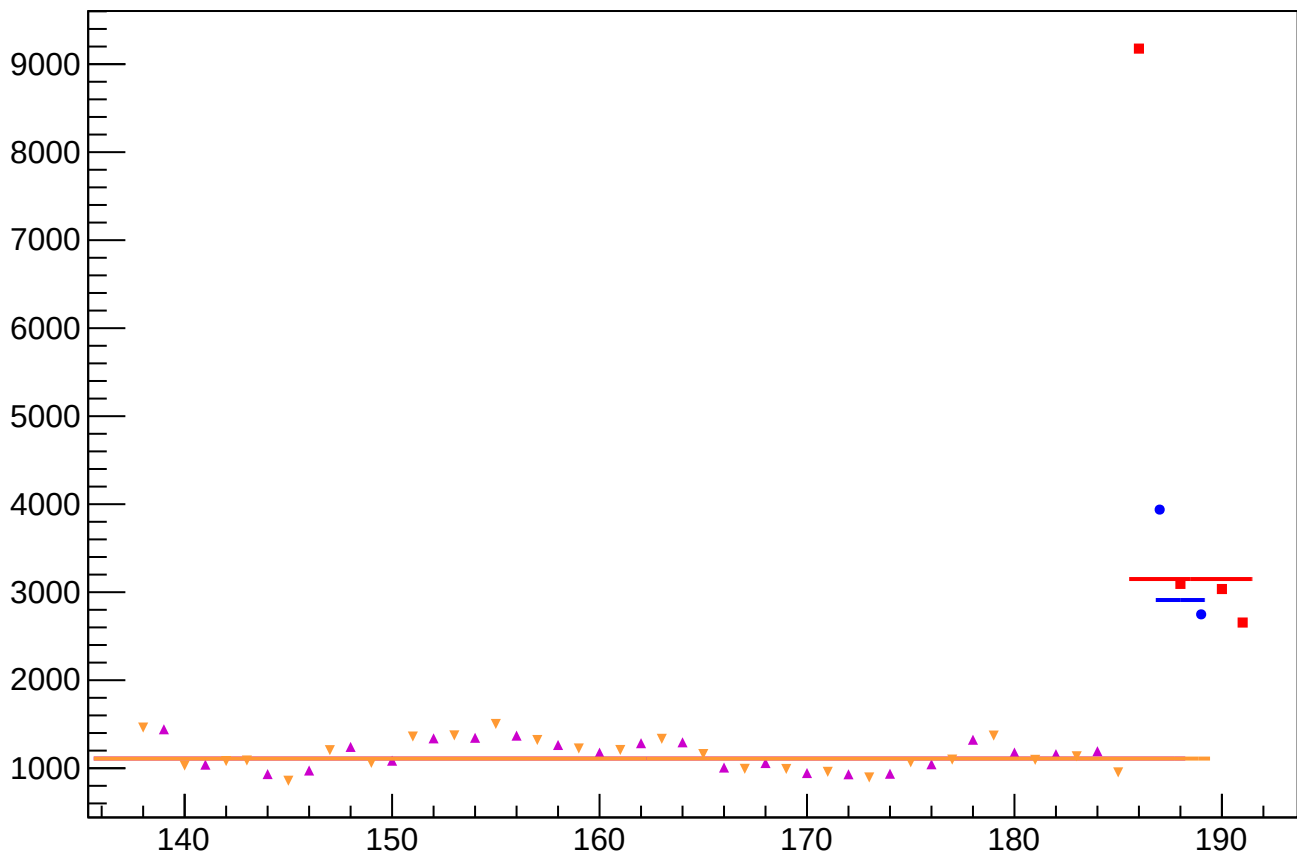
Left In: 183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

+ sign 1398.754 $\pm$ 261.878 χ^2 /NDF: 53.3/26

All: 806.944 $\pm$ 186.627 χ^2 /NDF: 93.0/53

- sign 196.209 $\pm$ 266.033 χ^2 /NDF: 29.3/26

asym_sam_48_avg_rms vs Slug



Right In: 2911.294+/-2.656 χ^2/NDF : 23729.3/1

Left Out: 1109.574+/-0.186 χ^2/NDF : 812957.8/24

Right Out: 3149.654+/-1.730 χ^2/NDF : 337171.9/3

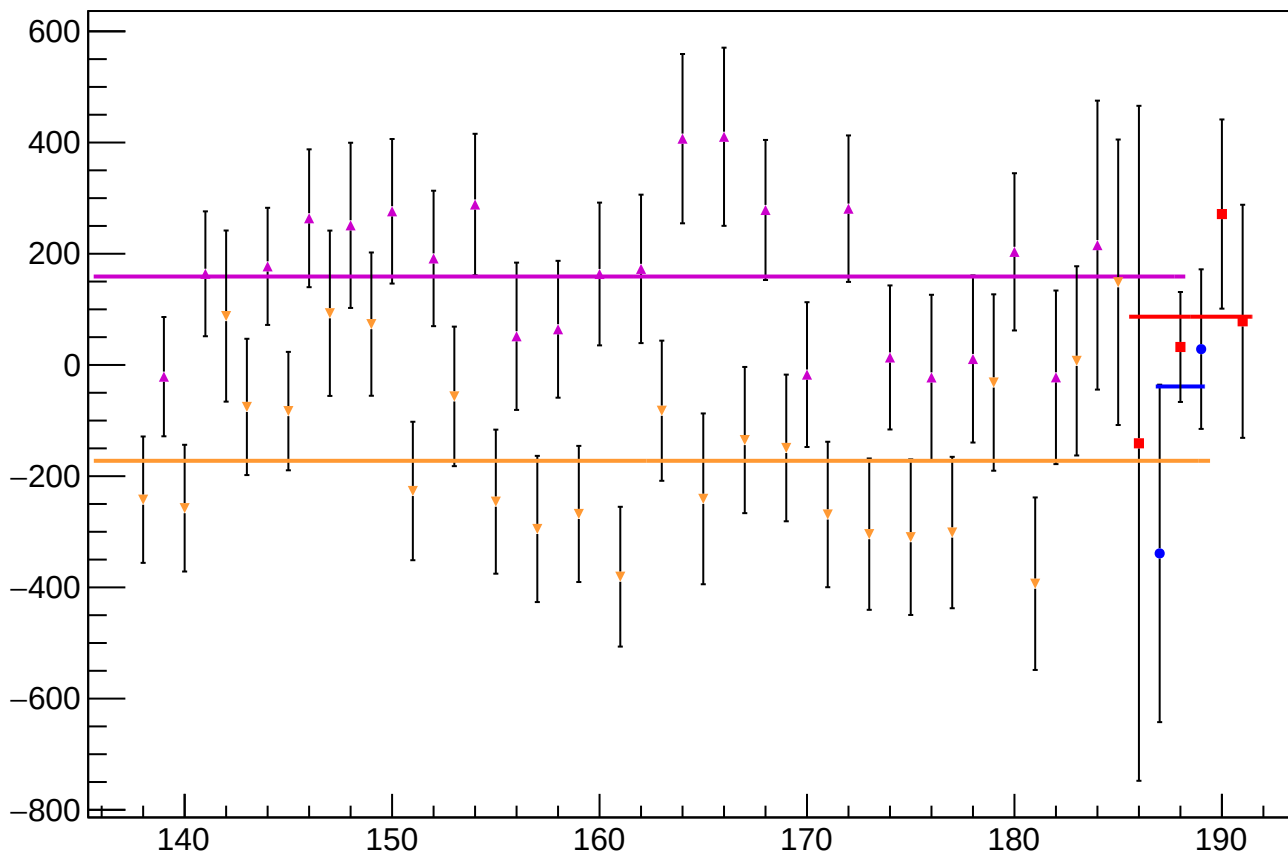
Left In: 1110.162+/-0.189 χ^2/NDF : 673229.2/22

+ sign 1118.330+/-0.185 χ^2/NDF : 1294514.9/26

All: 1126.182+/-0.132 χ^2/NDF : 3682453.9/53

- sign 1134.285+/-0.188 χ^2/NDF : 2384285.5/26

dit_asym_sam_15_dd_mean vs Slug



Right In: -38.675 ± 129.729 χ^2/NDF : 1.2/1

Left Out: -172.357 ± 26.709 χ^2/NDF : 27.2/24

Right Out: 86.793 ± 78.488 χ^2/NDF : 1.6/3

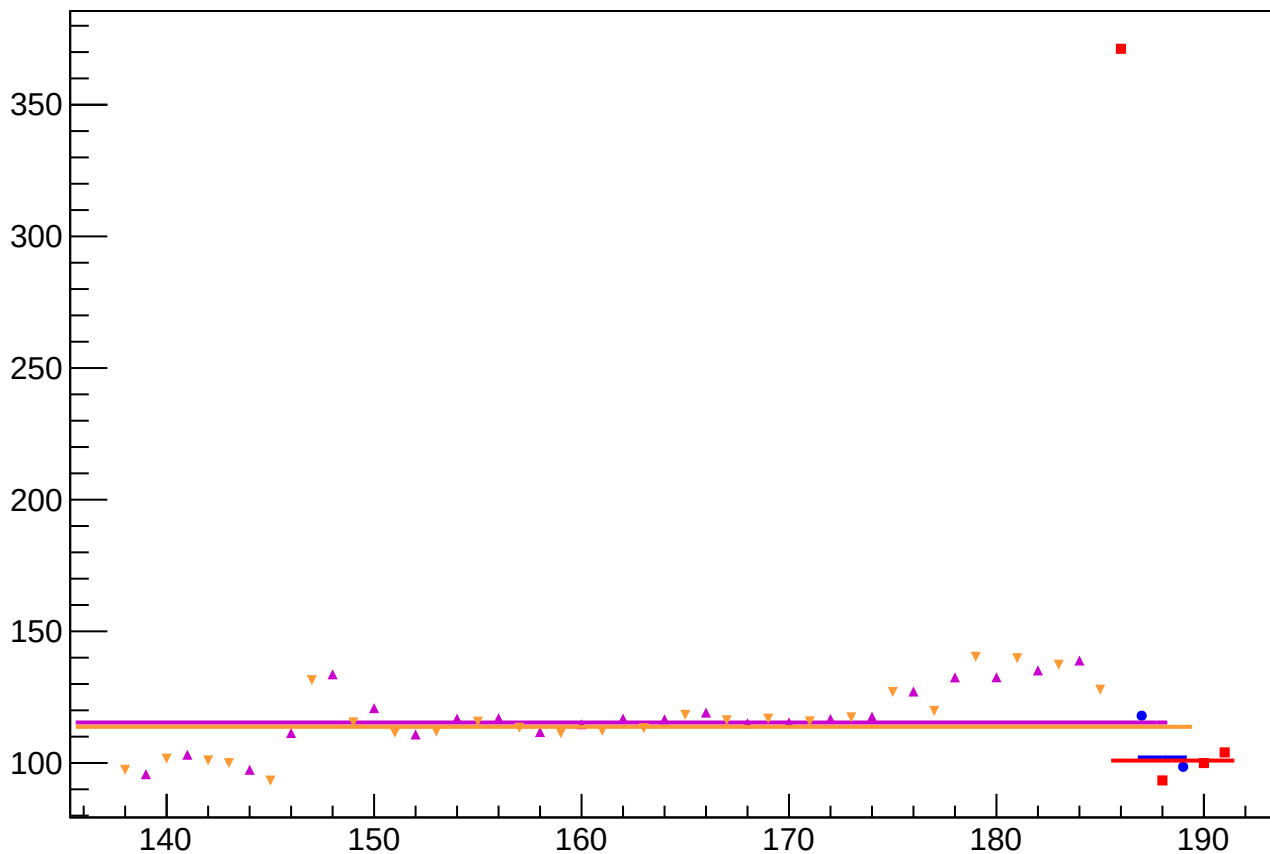
Left In: 159.044 ± 27.608 χ^2/NDF : 21.1/22

+ sign -166.921 ± 26.161 χ^2/NDF : 29.4/26

All: -7.205 ± 18.457 χ^2/NDF : 127.1/53

- sign 151.089 ± 26.044 χ^2/NDF : 23.4/26

dit_asym_sam_15_dd_rms vs Slug



Right In: 102.104 $\pm$ 0.092 χ^2 /NDF: 6685.3/1

Left Out: 113.727 $\pm$ 0.019 χ^2 /NDF: 392153.8/24

Right Out: 100.920 $\pm$ 0.055 χ^2 /NDF: 408935.4/3

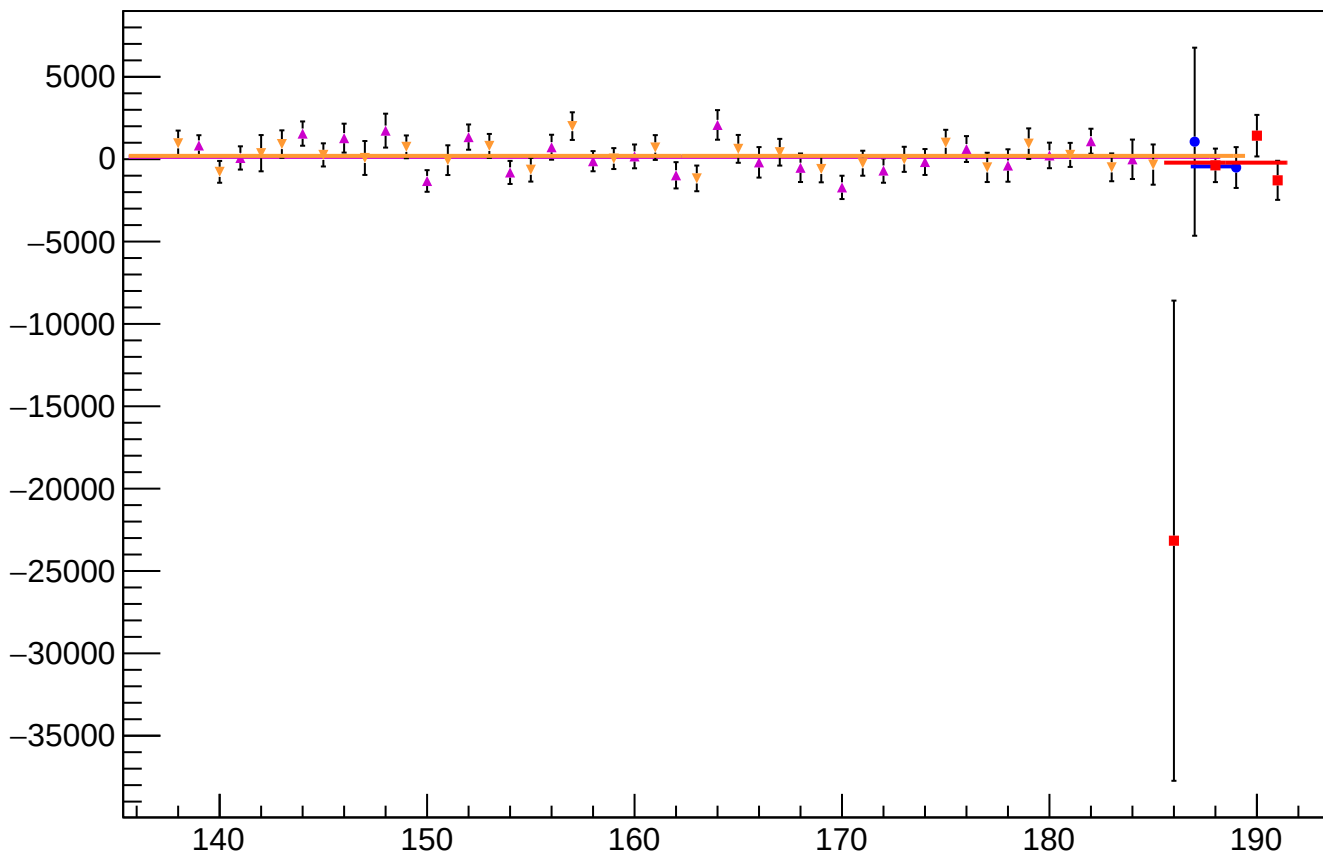
Left In: 115.377 $\pm$ 0.020 χ^2 /NDF: 309034.7/22

+ sign 113.254 $\pm$ 0.018 χ^2 /NDF: 414241.5/26

All: 113.521 $\pm$ 0.013 χ^2 /NDF: 1193003.9/53

- sign 113.785 $\pm$ 0.018 χ^2 /NDF: 778349.5/26

asym_sam_15_dd_correction_mean vs Slug



Right In: -435.442 $\pm$ 1211.347 χ^2 /NDF: 0.1/1

Left Out: 202.466 $\pm$ 159.030 χ^2 /NDF: 19.8/24

Right Out: -209.598 $\pm$ 657.814 χ^2 /NDF: 5.0/3

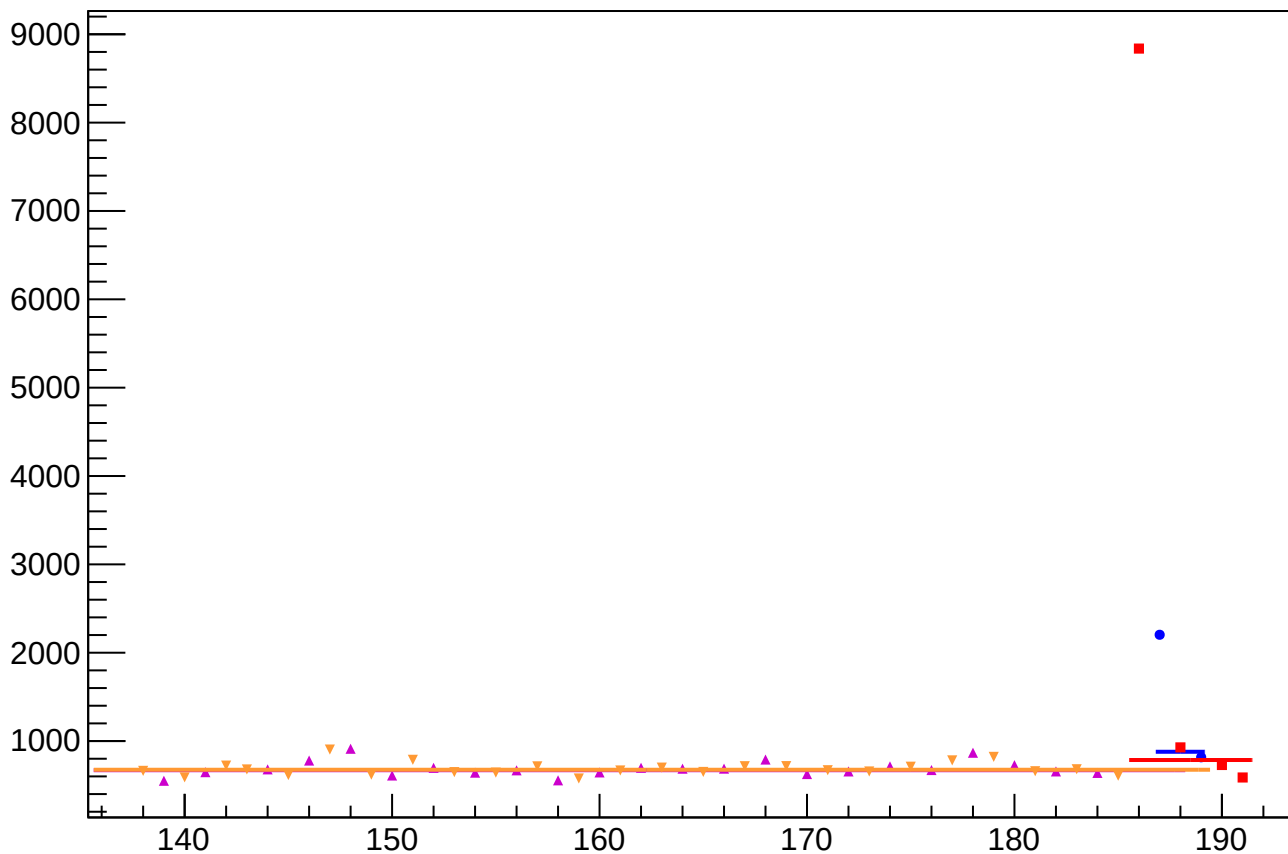
Left In: 140.039 $\pm$ 161.024 χ^2 /NDF: 36.9/22

+ sign 191.658 $\pm$ 157.677 χ^2 /NDF: 20.1/26

All: 155.676 $\pm$ 111.042 χ^2 /NDF: 62.4/53

- sign 120.273 $\pm$ 156.406 χ^2 /NDF: 42.2/26

asym_sam_15_dd_correction_rms vs Slug



Right In: 878.848 $\pm$ 0.857 χ^2 /NDF: 112685.6/1

Left Out: 675.335 $\pm$ 0.112 χ^2 /NDF: 358713.6/24

Right Out: 785.558 $\pm$ 0.465 χ^2 /NDF: 709557.7/3

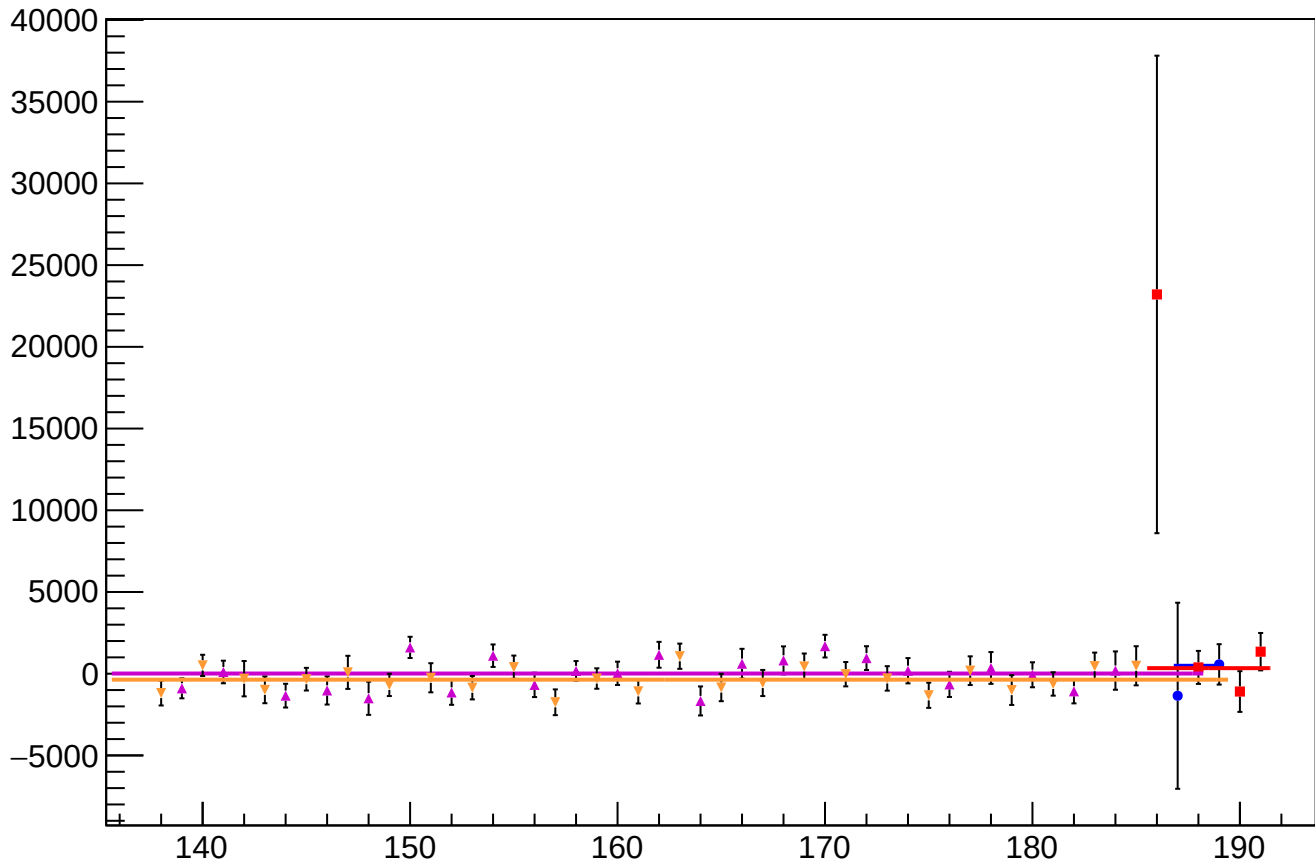
Left In: 669.938 $\pm$ 0.114 χ^2 /NDF: 464085.7/22

+ sign 678.783 $\pm$ 0.111 χ^2 /NDF: 526894.9/26

All: 677.619 $\pm$ 0.079 χ^2 /NDF: 1759048.1/53

- sign 676.474 $\pm$ 0.111 χ^2 /NDF: 1231937.1/26

asym_sam_15_dd_mean vs Slug



Right In: 483.710 $\pm$ 1207.161 χ^2 /NDF: 0.1/1

Left Out: -365.394 $\pm$ 156.301 χ^2 /NDF: 18.7/24

Right Out: 339.822 $\pm$ 646.659 χ^2 /NDF: 4.5/3

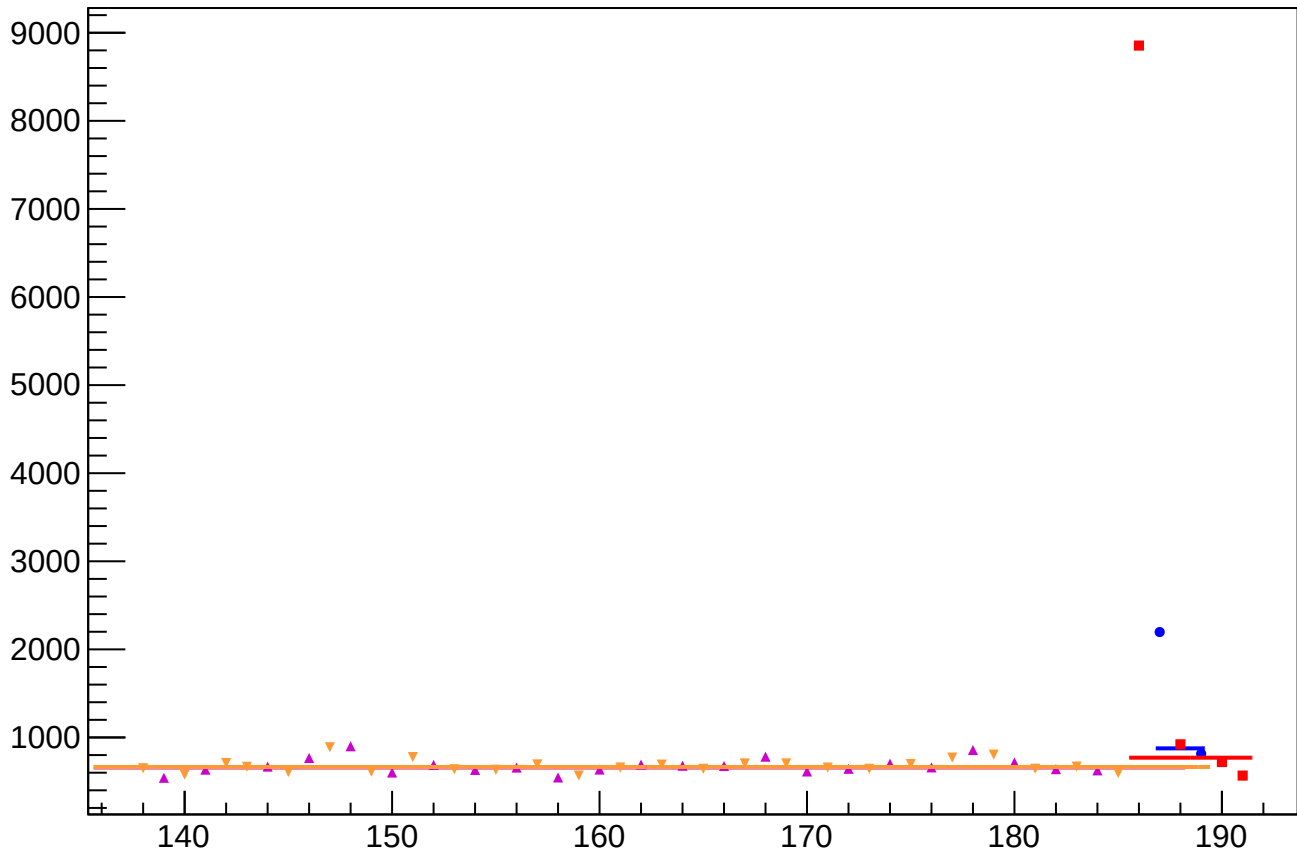
Left In: 11.243 $\pm$ 158.497 χ^2 /NDF: 38.8/22

+ sign -351.394 $\pm$ 155.007 χ^2 /NDF: 19.3/26

All: -159.449 $\pm$ 109.227 χ^2 /NDF: 66.0/53

- sign 29.864 $\pm$ 153.941 χ^2 /NDF: 43.6/26

asym_sam_15_dd_rms vs Slug



Right In: 876.288 $\pm$ 0.854 χ^2 /NDF: 112659.5/1

Left Out: 664.618 $\pm$ 0.111 χ^2 /NDF: 356964.3/24

Right Out: 770.296 $\pm$ 0.457 χ^2 /NDF: 723702.7/3

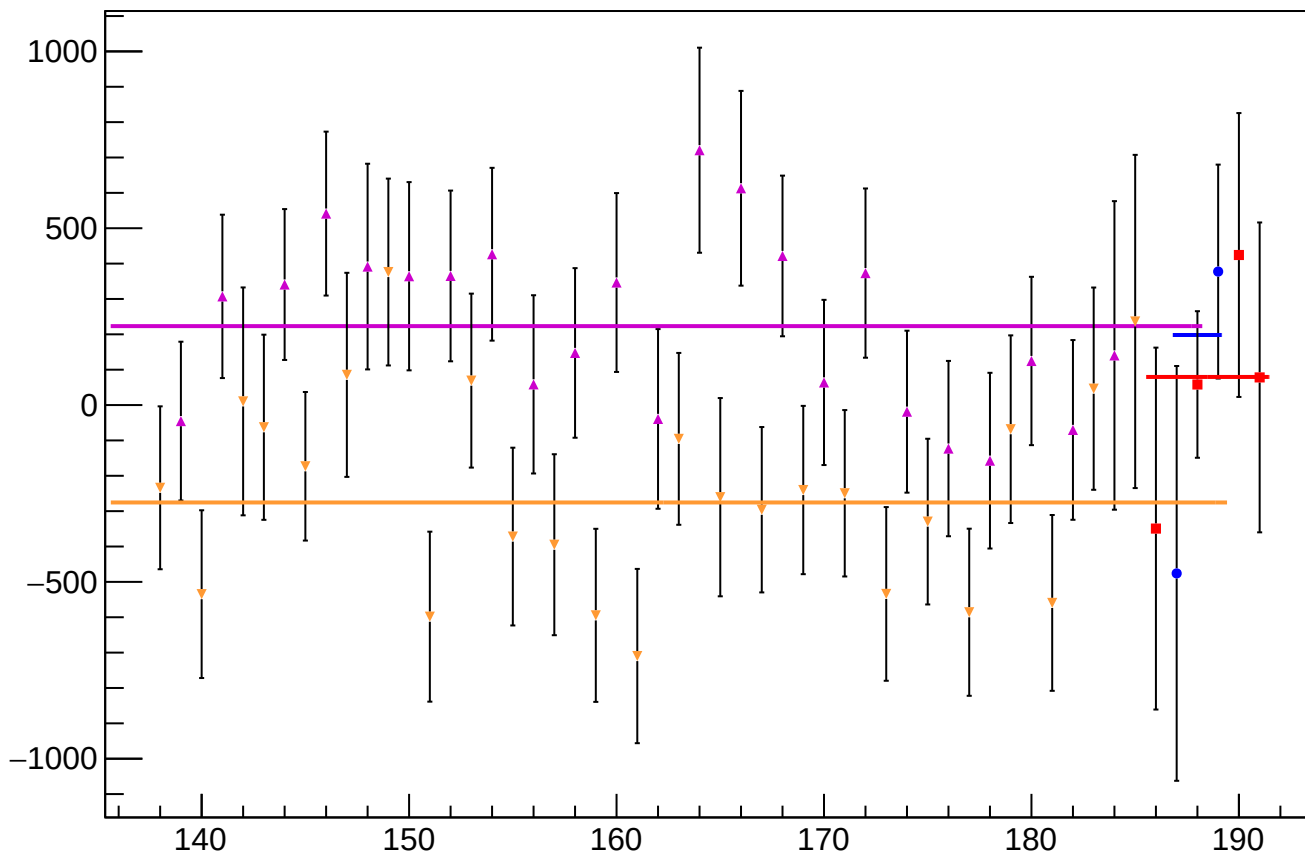
Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

+ sign 668.108 $\pm$ 0.110 χ^2 /NDF: 530101.7/26

All: 666.807 $\pm$ 0.077 χ^2 /NDF: 1782484.0/53

- sign 665.524 $\pm$ 0.109 χ^2 /NDF: 1252102.5/26

dit_asym_sam_26_dd_mean vs Slug



Right In: 198.122 $\pm$ 268.811 χ^2 /NDF: 1.7/1

Left Out: -275.447 $\pm$ 50.539 χ^2 /NDF:27.3/24

Right Out: 79.480 $\pm$ 161.124 χ^2 /NDF: 1.5/3

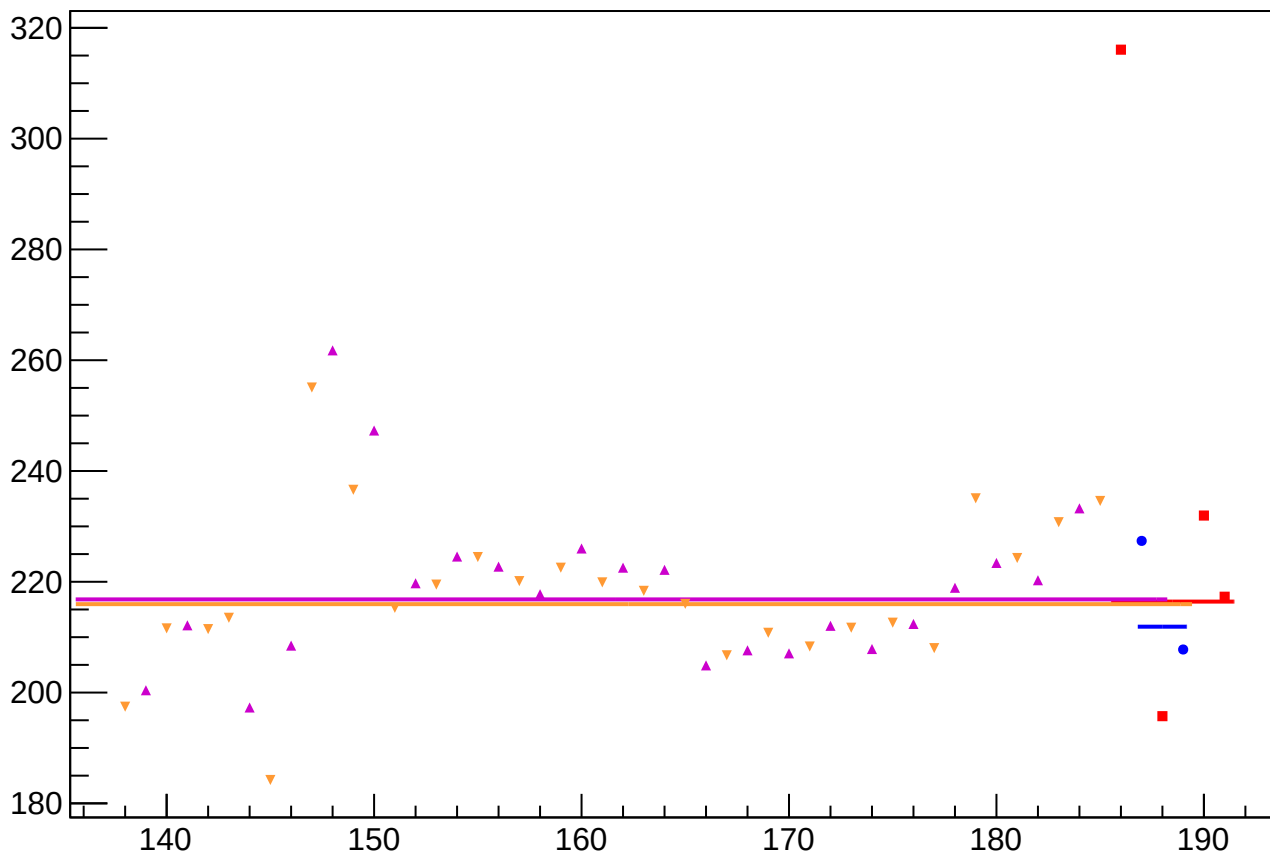
Left In: 223.195 $\pm$ 51.742 χ^2 /NDF:20.8/22

+ sign -259.279 $\pm$ 49.669 χ^2 /NDF: 32.0/26

All: -22.838 $\pm$ 34.977 χ^2 /NDF: 99.9/53

- sign 209.760 $\pm$ 49.264 χ^2 /NDF: 22.9/26

dit_asym_sam_26_dd_rms vs Slug



Right In: 211.895 $\pm$ 0.190 χ^2 /NDF: 1766.1/1

Left Out: 215.963 $\pm$ 0.036 χ^2 /NDF:144735.1/24

Right Out: 216.424 $\pm$ 0.114 χ^2 /NDF: 98763.6/3

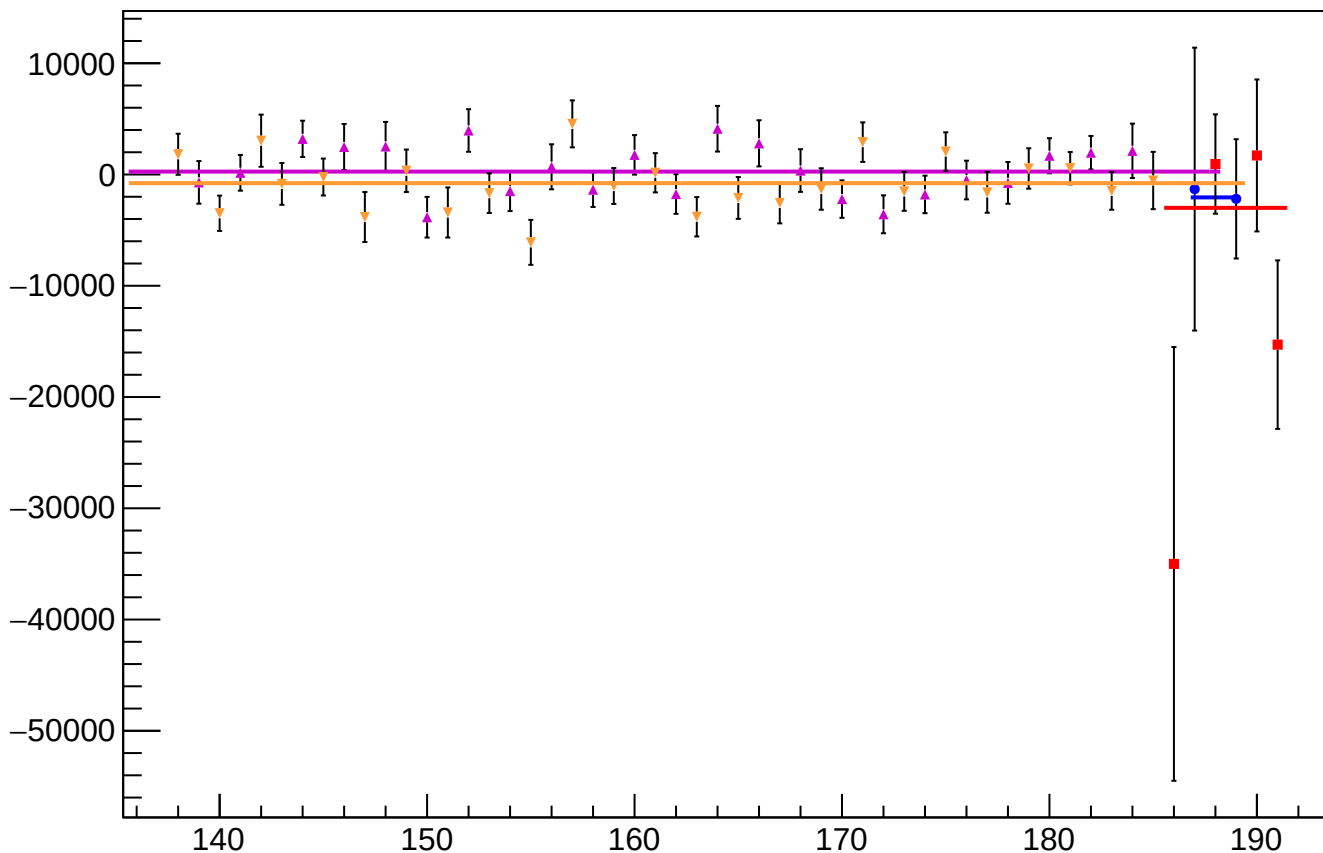
Left In: 216.821 $\pm$ 0.037 χ^2 /NDF:132518.8/22

+ sign 215.824 $\pm$ 0.035 χ^2 /NDF: 146943.7/26

All: 216.308 $\pm$ 0.025 χ^2 /NDF: 378613.6/53

- sign 216.784 $\pm$ 0.035 χ^2 /NDF: 231293.5/26

asym_sam_26_dd_correction_mean vs Slug



Right In: -2057.668 ± 4938.737 χ^2/NDF : 0.0/1

Left Out: -779.146 ± 366.965 χ^2/NDF : 38.5/24

Right Out: -2996.575 ± 3302.778 χ^2/NDF : 6.6/3

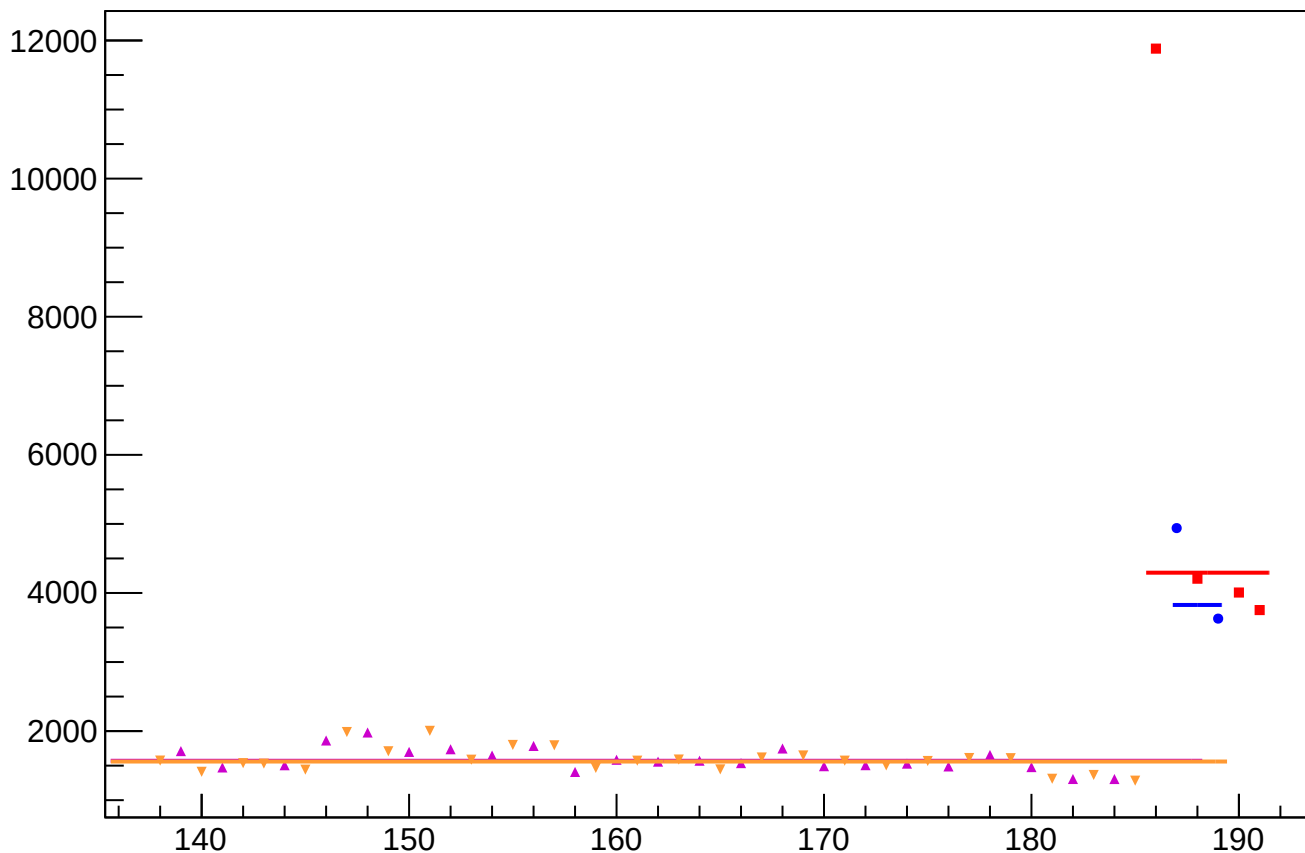
Left In: 261.815 ± 376.203 χ^2/NDF : 35.4/22

+ sign -786.166 ± 365.956 χ^2/NDF : 38.5/26

All: -293.692 ± 261.494 χ^2/NDF : 85.2/53

- sign 220.081 ± 373.786 χ^2/NDF : 43.0/26

asym_sam_26_dd_correction_rms vs Slug



Right In: 3826.530+/-3.492 χ^2/NDF : 18050.9/1

Left Out: 1559.504+/-0.259 χ^2/NDF : 379160.1/24

Right Out: 4293.808+/-2.335 χ^2/NDF : 317563.6/3

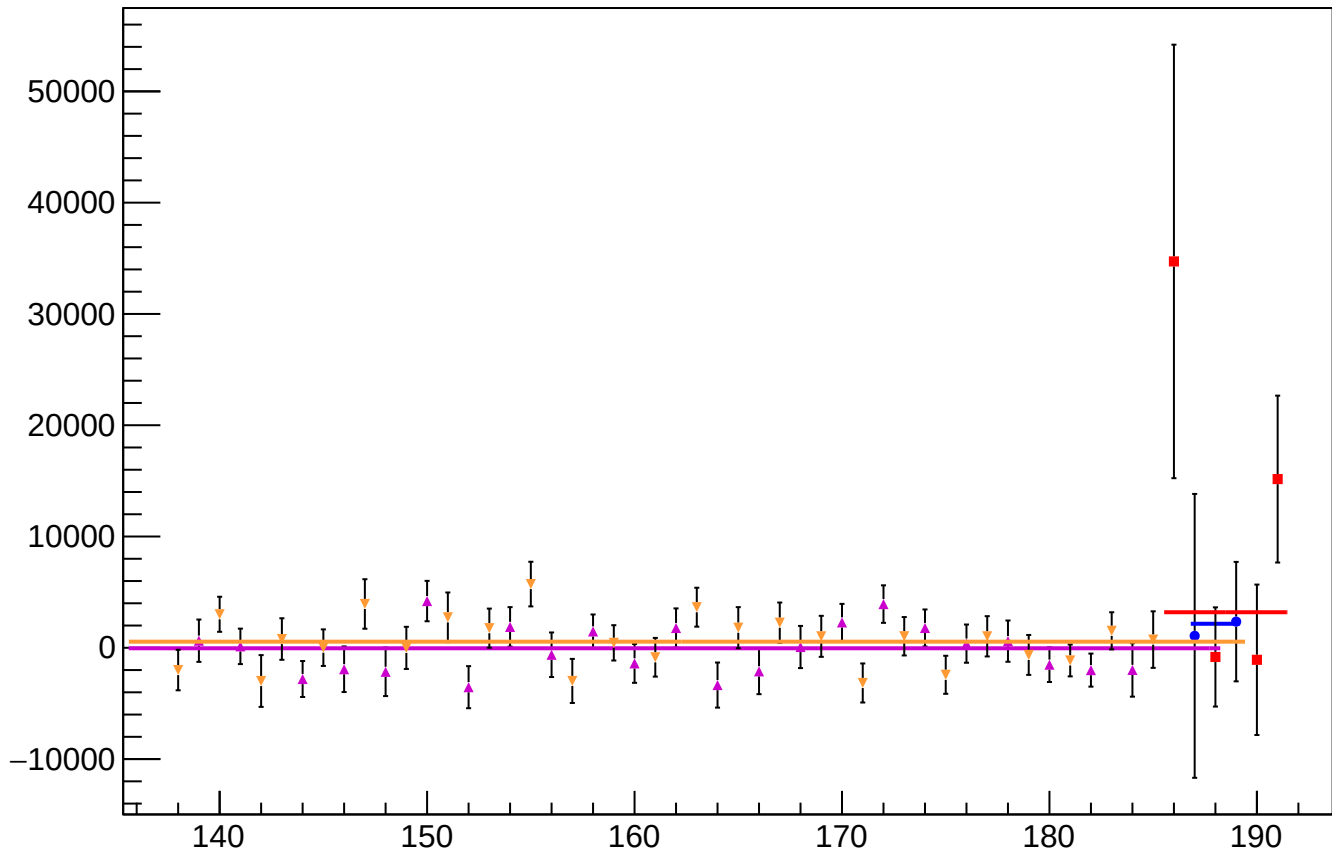
Left In: 1570.331+/-0.266 χ^2/NDF : 329434.5/22

+ sign 1571.952+/-0.259 χ^2/NDF : 816313.1/26

All: 1588.231+/-0.185 χ^2/NDF : 2813916.1/53

- sign 1605.213+/-0.264 χ^2/NDF : 1989517.0/26

asym_sam_26_dd_mean vs Slug



Right In: 2159.443 $\pm$ 4946.996 χ^2 /NDF: 0.0/1

Left Out: 550.093 $\pm$ 362.172 χ^2 /NDF:35.6/24

Right Out: 3195.294 $\pm$ 3285.361 χ^2 /NDF: 6.4/3

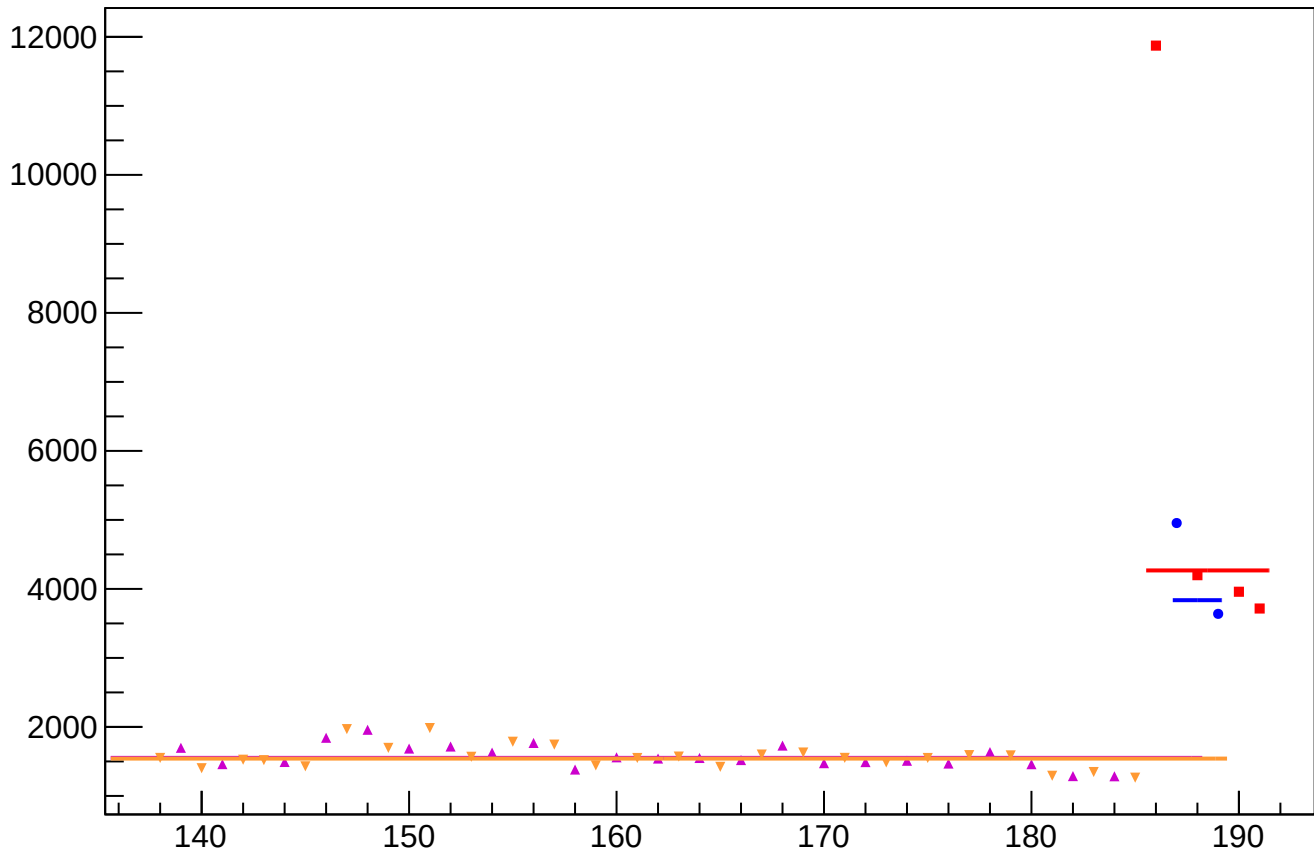
Left In: -43.949 $\pm$ 371.765 χ^2 /NDF:33.5/22

+ sign 558.673 $\pm$ 361.205 χ^2 /NDF: 35.7/26

All: 284.144 $\pm$ 258.262 χ^2 /NDF: 77.7/53

- sign -2.996 $\pm$ 369.408 χ^2 /NDF: 40.9/26

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: 4267.850+/-2.323 χ^2/NDF : 320406.9/3

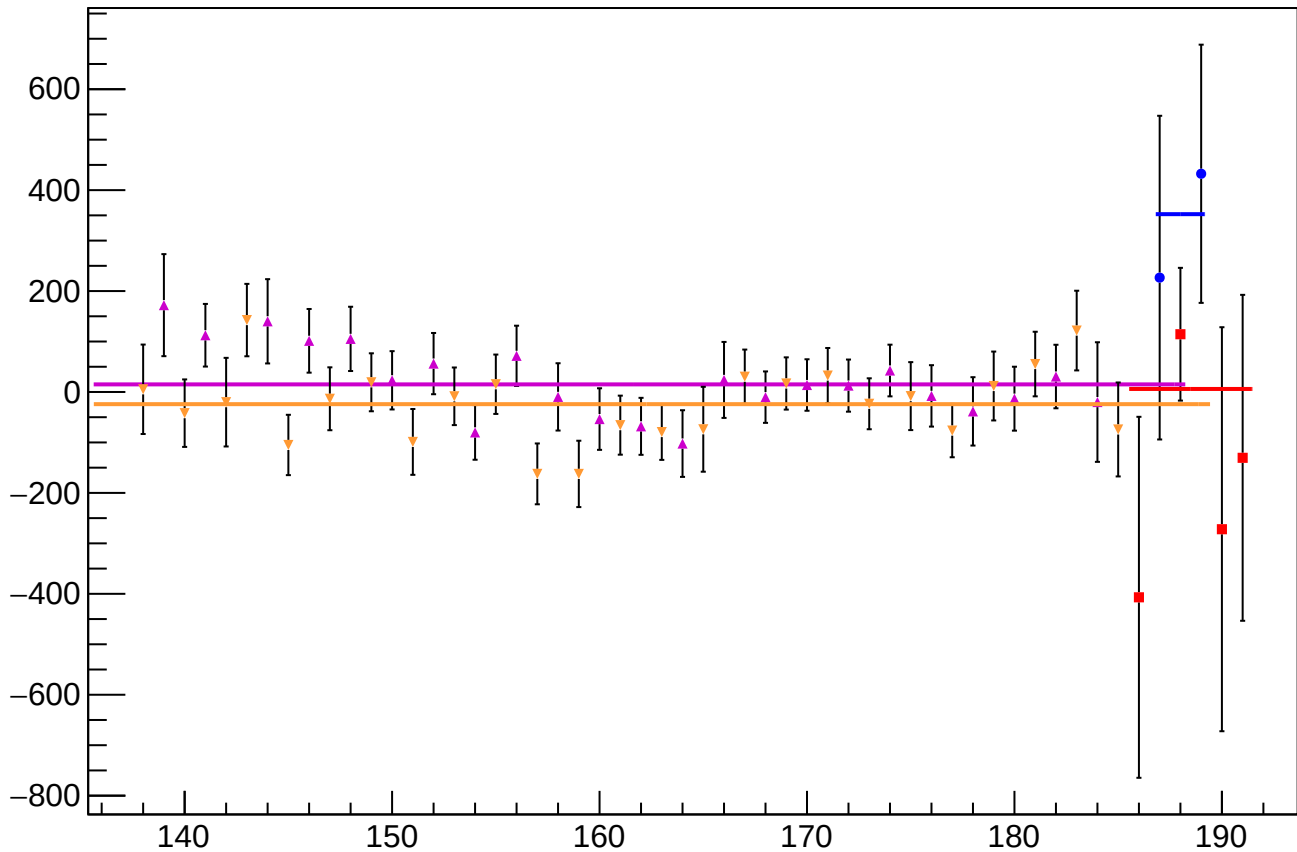
Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

+ sign 1553.386+/-0.255 χ^2/NDF : 828491.4/26

All: 1569.241+/-0.183 χ^2/NDF : 2845728.7/53

- sign 1585.824+/-0.261 χ^2/NDF : 2009353.8/26

dit_asym_sam_37_dd_mean vs Slug



Right In: 352.392 ± 200.009 χ^2/NDF : 0.3/1

Left Out: -24.126 ± 12.525 χ^2/NDF : 30.7/24

Right Out: 5.991 ± 110.807 χ^2/NDF : 2.7/3

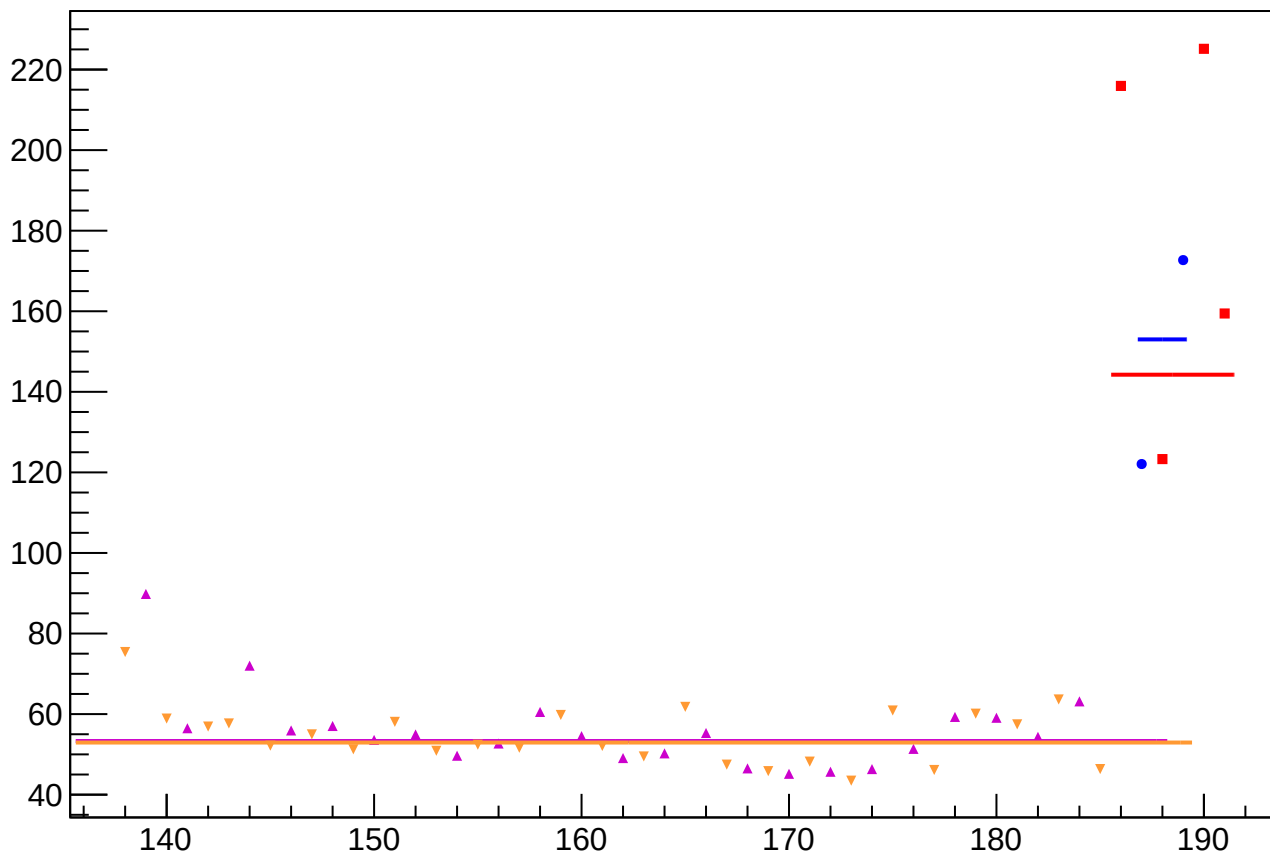
Left In: 15.058 ± 12.921 χ^2/NDF : 23.8/22

+ sign -22.655 ± 12.500 χ^2/NDF : 34.5/26

All: -4.355 ± 8.955 χ^2/NDF : 65.4/53

- sign 14.936 ± 12.834 χ^2/NDF : 26.5/26

dit_asym_sam_37_dd_rms vs Slug



Right In: 153.013 $\pm$ 0.141 χ^2 /NDF: 30451.8/1

Left Out: 52.942 $\pm$ 0.009 χ^2 /NDF: 513146.0/24

Right Out: 144.250 $\pm$ 0.078 χ^2 /NDF: 217160.5/3

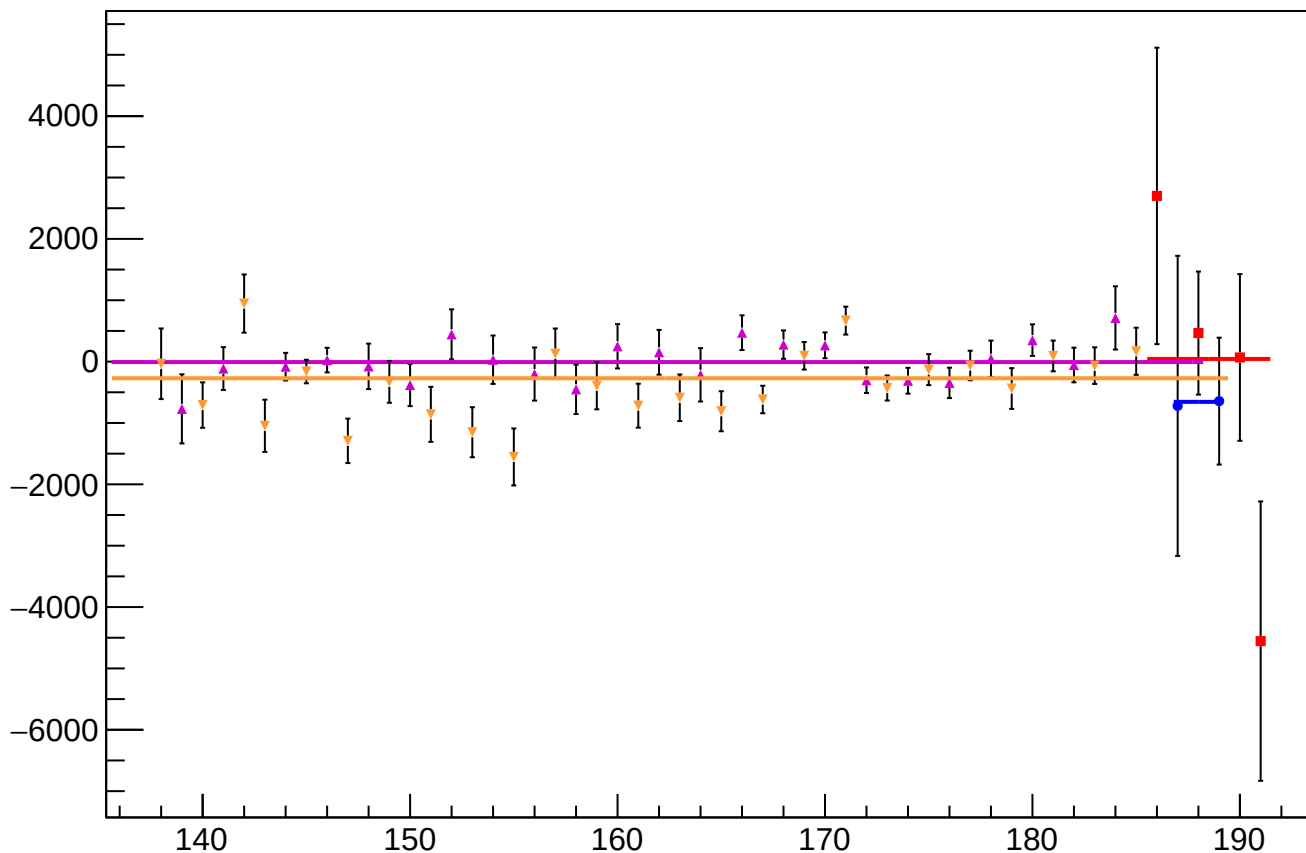
Left In: 53.312 $\pm$ 0.009 χ^2 /NDF: 644220.1/22

+ sign 53.333 $\pm$ 0.009 χ^2 /NDF: 1042309.2/26

All: 53.917 $\pm$ 0.006 χ^2 /NDF: 3241641.7/53

- sign 54.532 $\pm$ 0.009 χ^2 /NDF: 2190374.1/26

asym_sam_37_dd_correction_mean vs Slug



Right In: -655.891 ± 952.310 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -271.240 ± 60.285 $\chi^2/\text{NDF}: 67.7/24$

Right Out: 43.703 ± 725.343 $\chi^2/\text{NDF}: 5.5/3$

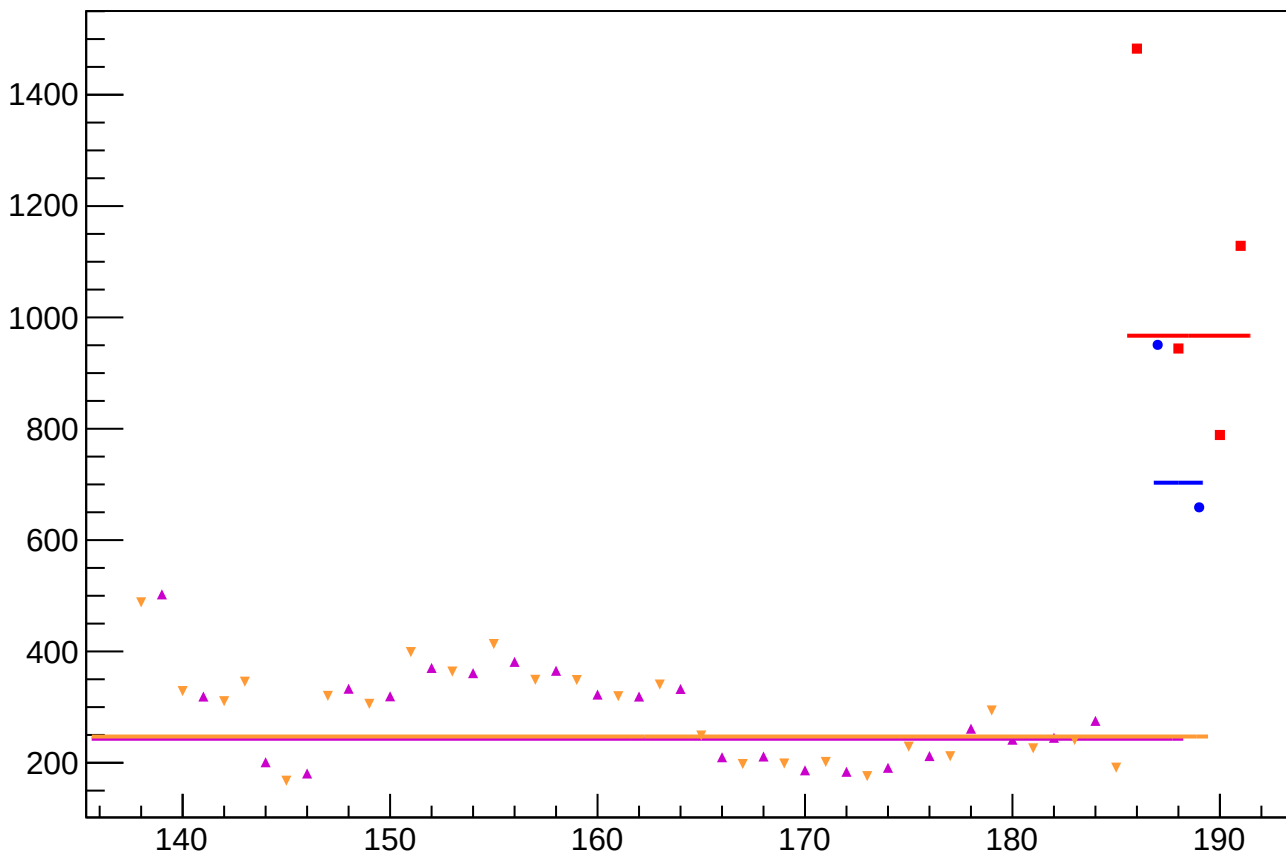
Left In: -7.535 ± 60.328 $\chi^2/\text{NDF}: 22.9/22$

+ sign -272.775 ± 60.164 $\chi^2/\text{NDF}: 67.8/26$

All: -139.882 ± 42.527 $\chi^2/\text{NDF}: 105.9/53$

- sign -7.183 ± 60.120 $\chi^2/\text{NDF}: 28.3/26$

asym_sam_37_dd_correction_rms vs Slug



Right In: 703.108 $\pm$ 0.673 χ^2 /NDF: 24167.6/1

Left Out: 247.166 $\pm$ 0.043 χ^2 /NDF: 2853302.0/24

Right Out: 967.158 $\pm$ 0.513 χ^2 /NDF: 136713.4/3

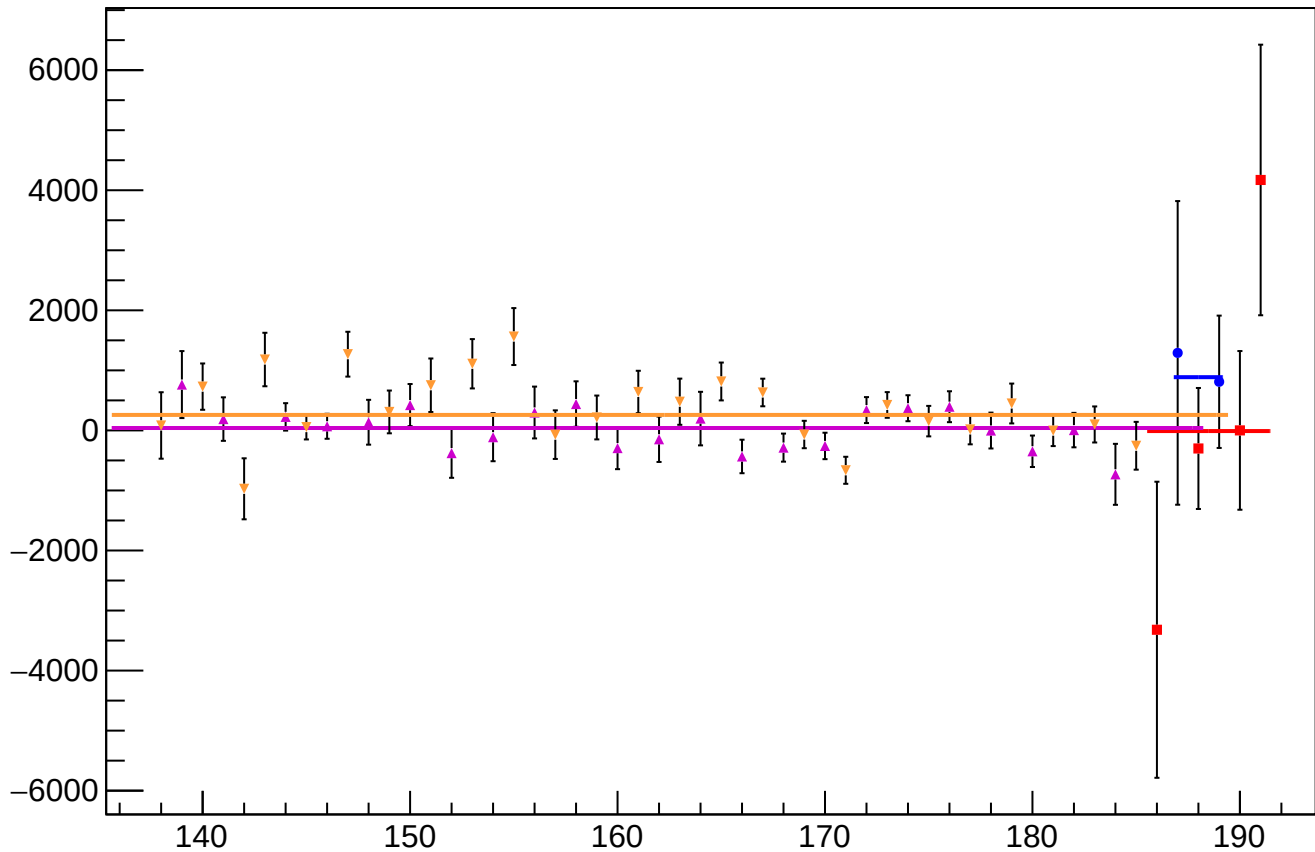
Left In: 243.189 $\pm$ 0.043 χ^2 /NDF: 2571190.8/22

+ sign 248.985 $\pm$ 0.043 χ^2 /NDF: 3334091.6/26

All: 248.574 $\pm$ 0.030 χ^2 /NDF: 8020927.1/53

- sign 248.162 $\pm$ 0.043 χ^2 /NDF: 4686648.2/26

asym_sam_37_dd_mean vs Slug



Right In: 886.689 $\pm$ 1010.251 χ^2 /NDF: 0.0/1

Left Out: 258.044 $\pm$ 61.488 χ^2 /NDF:65.0/24

Right Out: -10.786 $\pm$ 721.905 χ^2 /NDF: 5.3/3

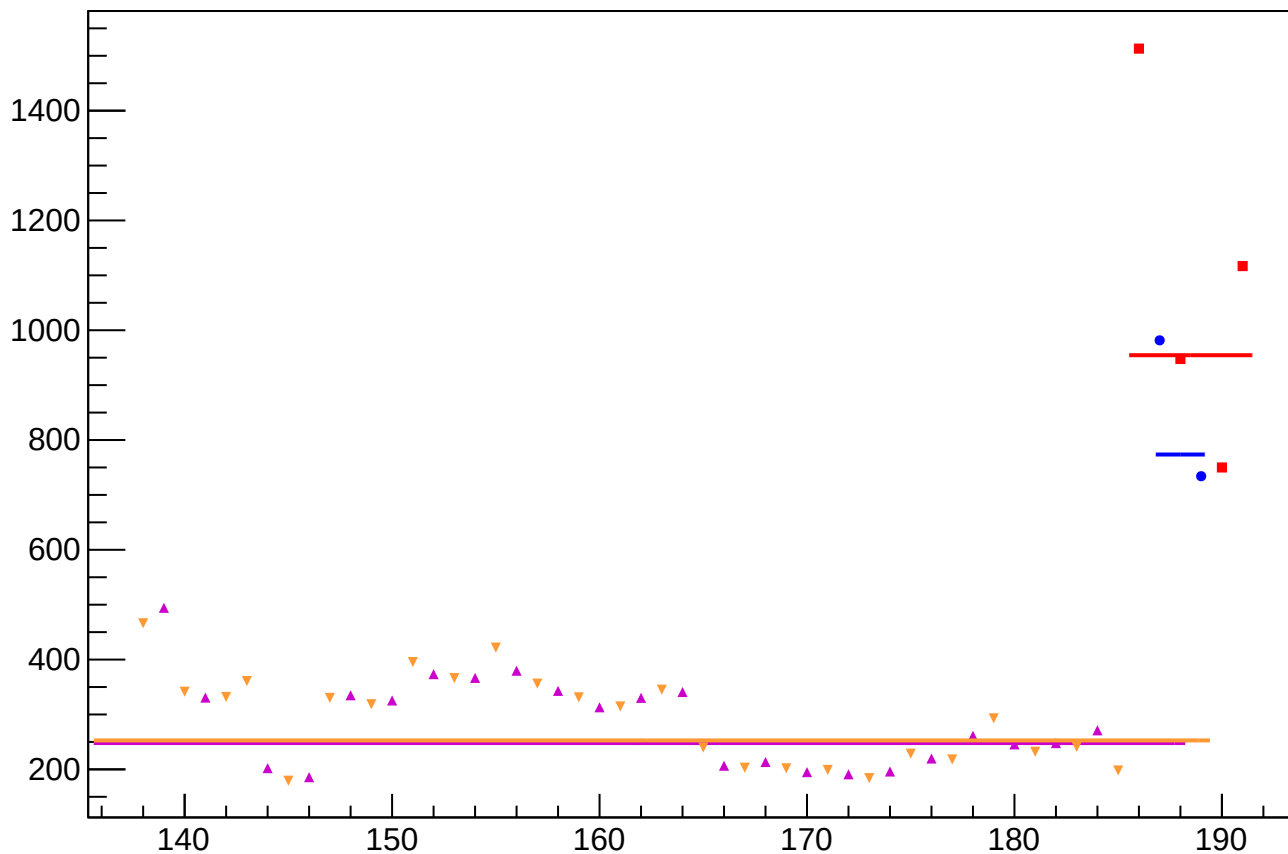
Left In: 40.015 $\pm$ 61.495 χ^2 /NDF:25.0/22

+ sign 260.364 $\pm$ 61.374 χ^2 /NDF: 65.4/26

All: 149.825 $\pm$ 43.362 χ^2 /NDF: 102.3/53

- sign 39.649 $\pm$ 61.273 χ^2 /NDF: 30.4/26

asym_sam_37_dd_rms vs Slug



Right In: 773.595+/-0.714 χ^2/NDF : 16103.5/1

Left Out: 252.721+/-0.043 χ^2/NDF : 2648800.3/24

Right Out: 954.510+/-0.510 χ^2/NDF : 161019.4/3

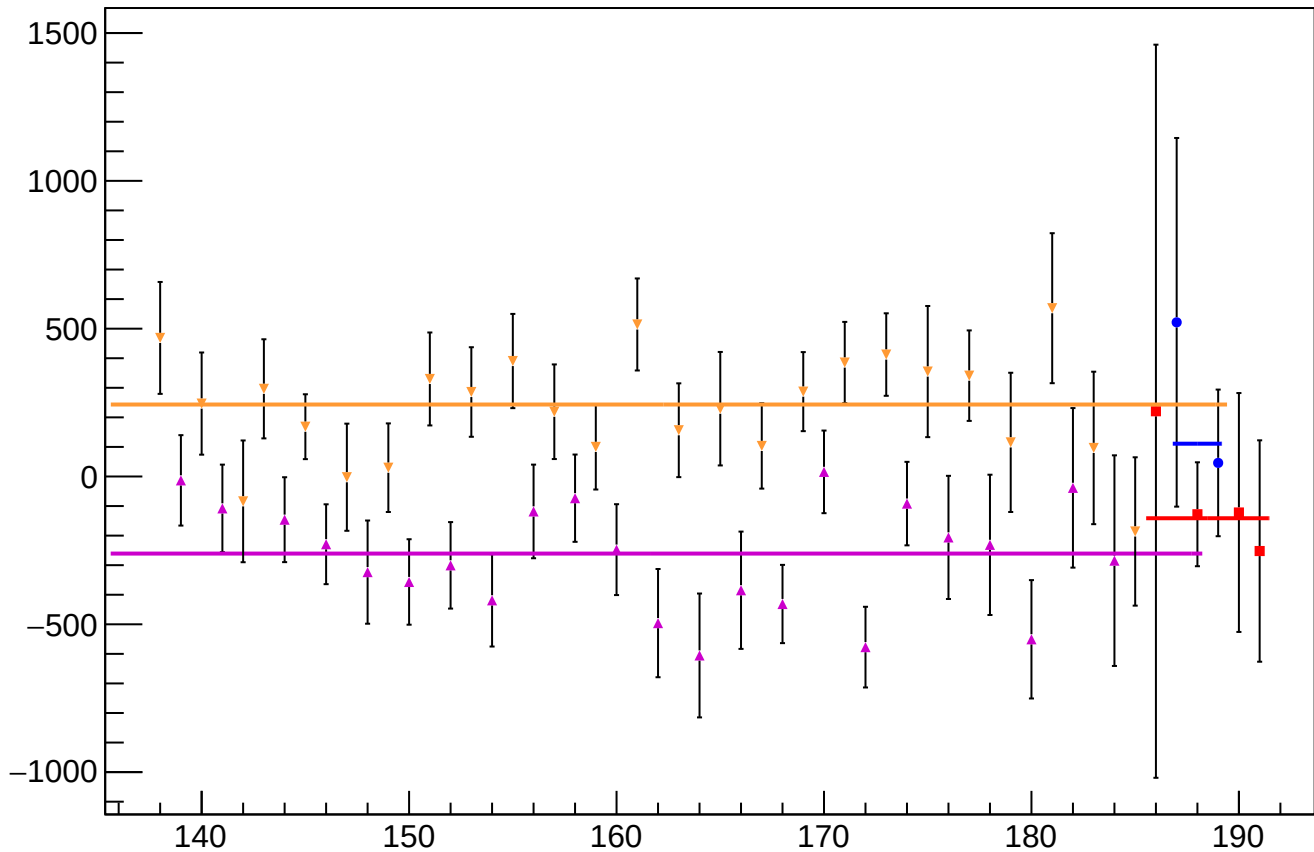
Left In: 247.919+/-0.043 χ^2/NDF : 2374698.8/22

+ sign 254.643+/-0.043 χ^2/NDF : 3194605.7/26

All: 253.825+/-0.031 χ^2/NDF : 7633275.3/53

- sign 253.009+/-0.043 χ^2/NDF : 4437959.5/26

dit_asym_sam_48_dd_mean vs Slug



Right In: 110.914 ± 230.447 χ^2/NDF : 0.5/1

Left Out: 243.442 ± 32.738 χ^2/NDF : 23.4/24

Right Out: -141.253 ± 147.013 χ^2/NDF : 0.2/3

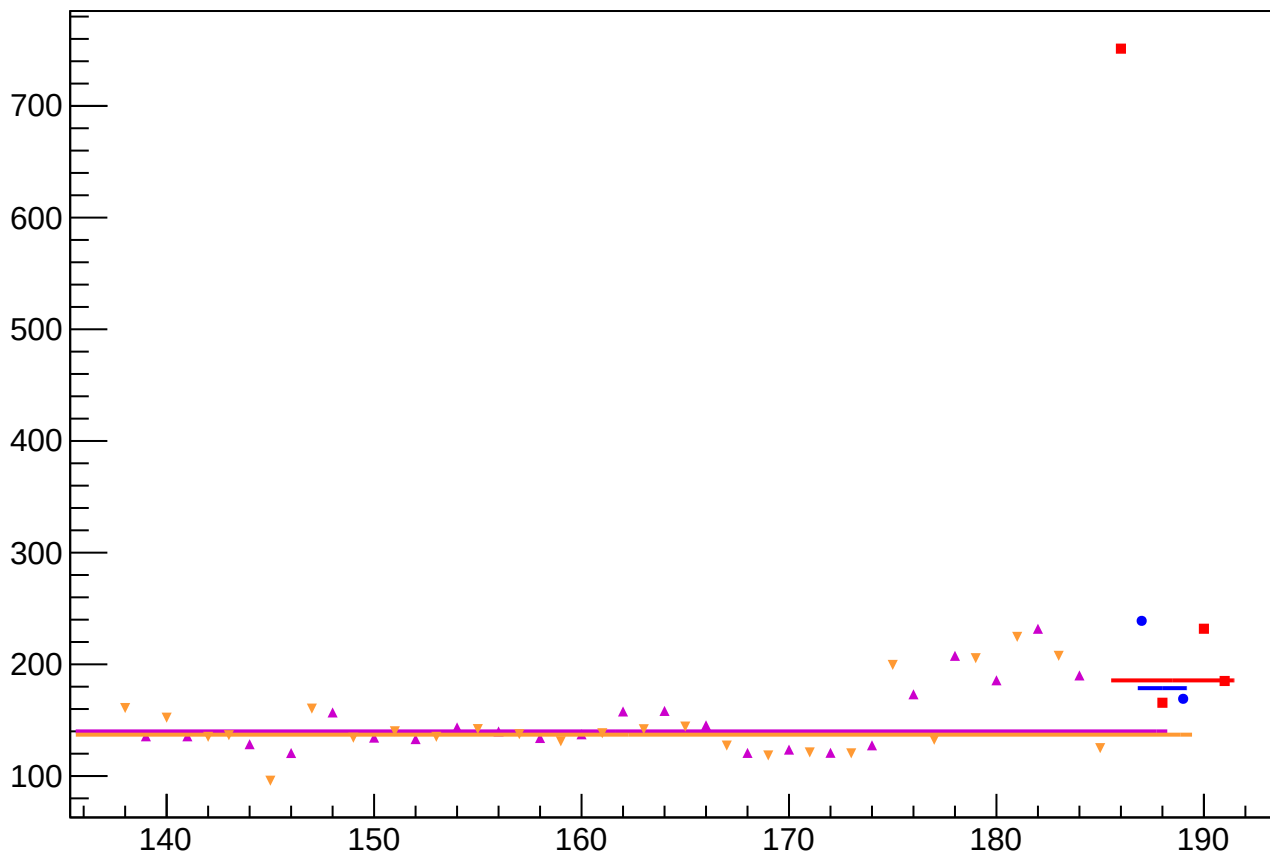
Left In: -260.749 ± 33.988 χ^2/NDF : 28.5/22

+ sign 240.820 ± 32.413 χ^2/NDF : 24.2/26

All: -1.628 ± 23.163 χ^2/NDF : 167.9/53

- sign -254.687 ± 33.115 χ^2/NDF : 29.3/26

dit_asym_sam_48_dd_rms vs Slug



Right In: 178.676+/-0.163 χ^2/NDF : 21638.0/1

Left Out: 137.036+/-0.023 χ^2/NDF :1200381.2/24

Right Out: 185.620+/-0.104 χ^2/NDF : 468364.7/3

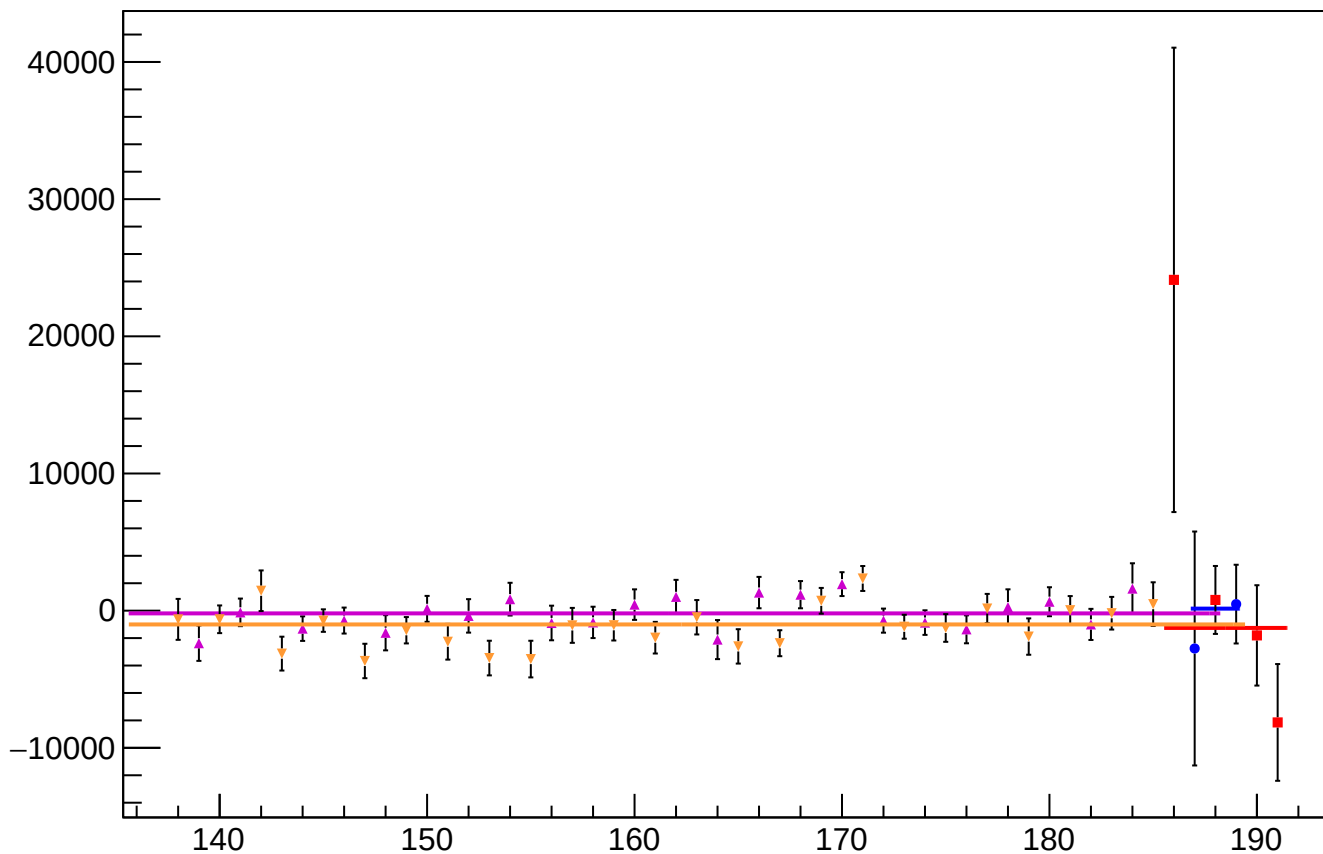
Left In: 139.966+/-0.024 χ^2/NDF :838127.9/22

+ sign 137.859+/-0.023 χ^2/NDF : 1286027.3/26

All: 140.023+/-0.016 χ^2/NDF : 2793833.8/53

- sign 142.282+/-0.023 χ^2/NDF : 1489585.6/26

asym_sam_48_dd_correction_mean vs Slug



Right In: 148.616 $\pm$ 2719.680 χ^2/NDF : 0.1/1

Left Out: -1004.364 $\pm$ 222.387 χ^2/NDF : 44.7/24

Right Out: -1258.506 $\pm$ 1836.659 χ^2/NDF : 5.6/3

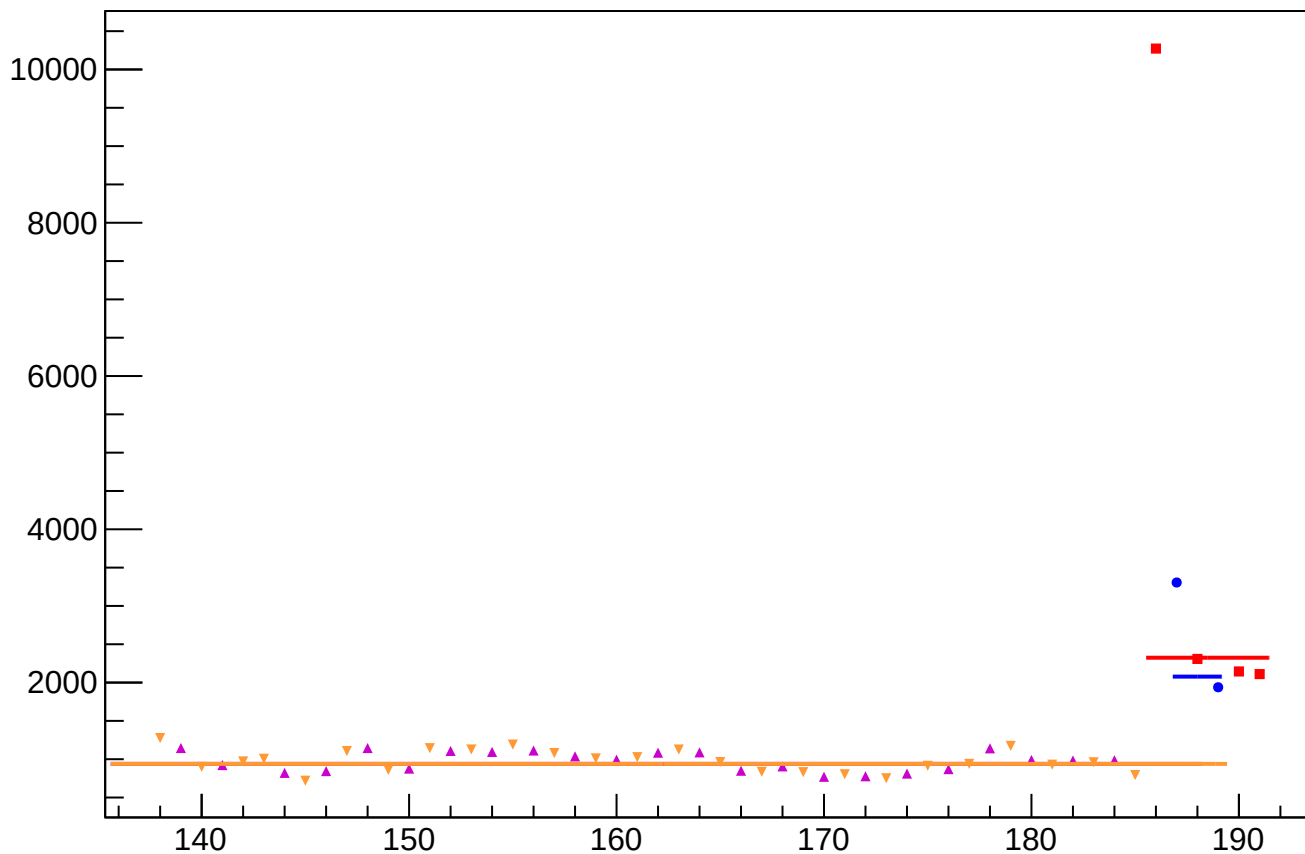
Left In: -198.654 $\pm$ 225.997 χ^2/NDF : 24.6/22

+ sign -996.706 $\pm$ 221.647 χ^2/NDF : 45.0/26

All: -610.247 $\pm$ 157.660 χ^2/NDF : 81.7/53

- sign -214.462 $\pm$ 224.306 χ^2/NDF : 30.5/26

asym_sam_48_dd_correction_rms vs Slug



Right In: 2077.746 $\pm$ 1.923 χ^2/NDF : 46176.8/1

Left Out: 938.988 $\pm$ 0.157 χ^2/NDF : 828400.0/24

Right Out: 2324.254 $\pm$ 1.299 χ^2/NDF : 450868.2/3

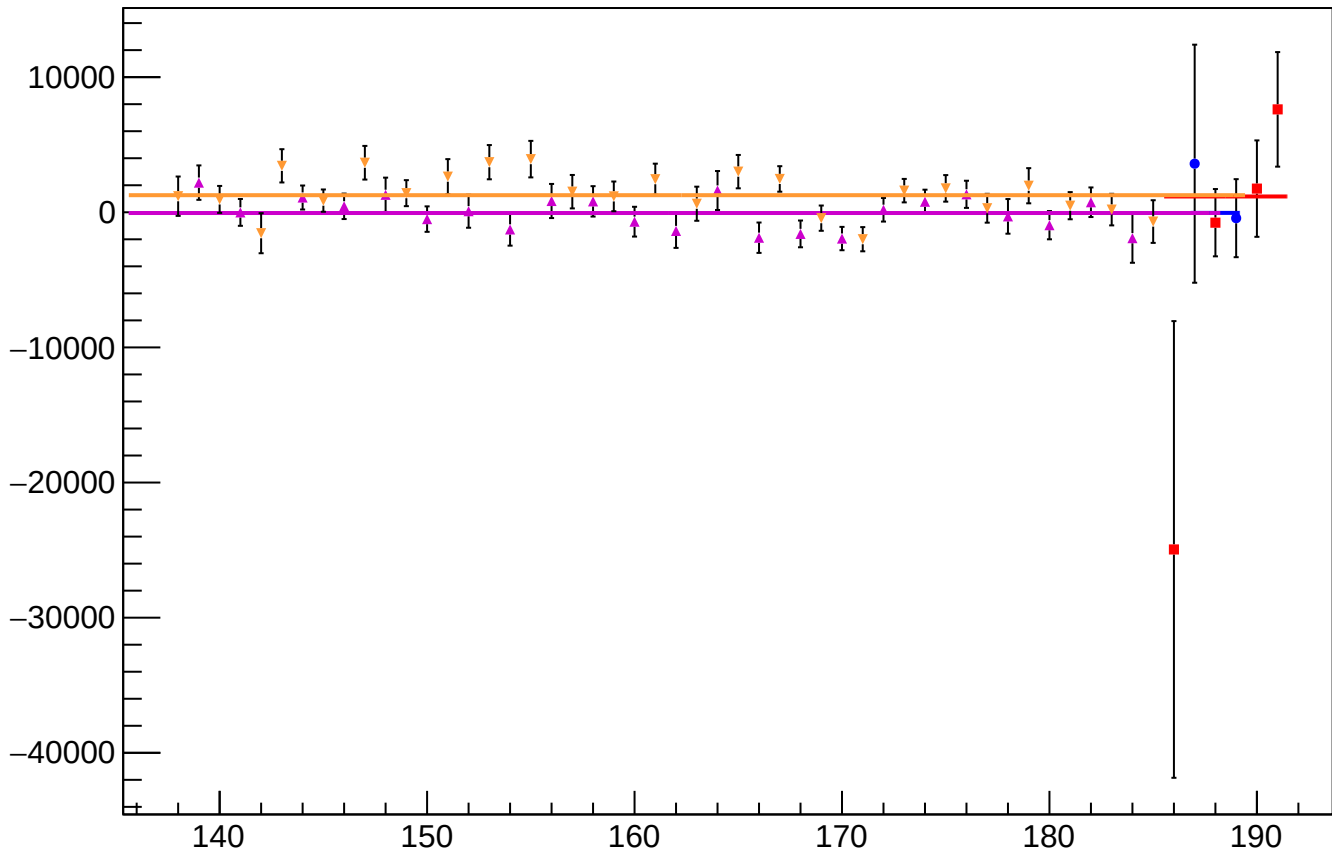
Left In: 938.755 $\pm$ 0.160 χ^2/NDF : 611419.0/22

+ sign 946.552 $\pm$ 0.157 χ^2/NDF : 1222884.1/26

All: 952.909 $\pm$ 0.111 χ^2/NDF : 3409639.1/53

- sign 959.420 $\pm$ 0.159 χ^2/NDF : 2183424.7/26

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: 1169.911 ± 1828.848 $\chi^2/\text{NDF}: 5.3/3$

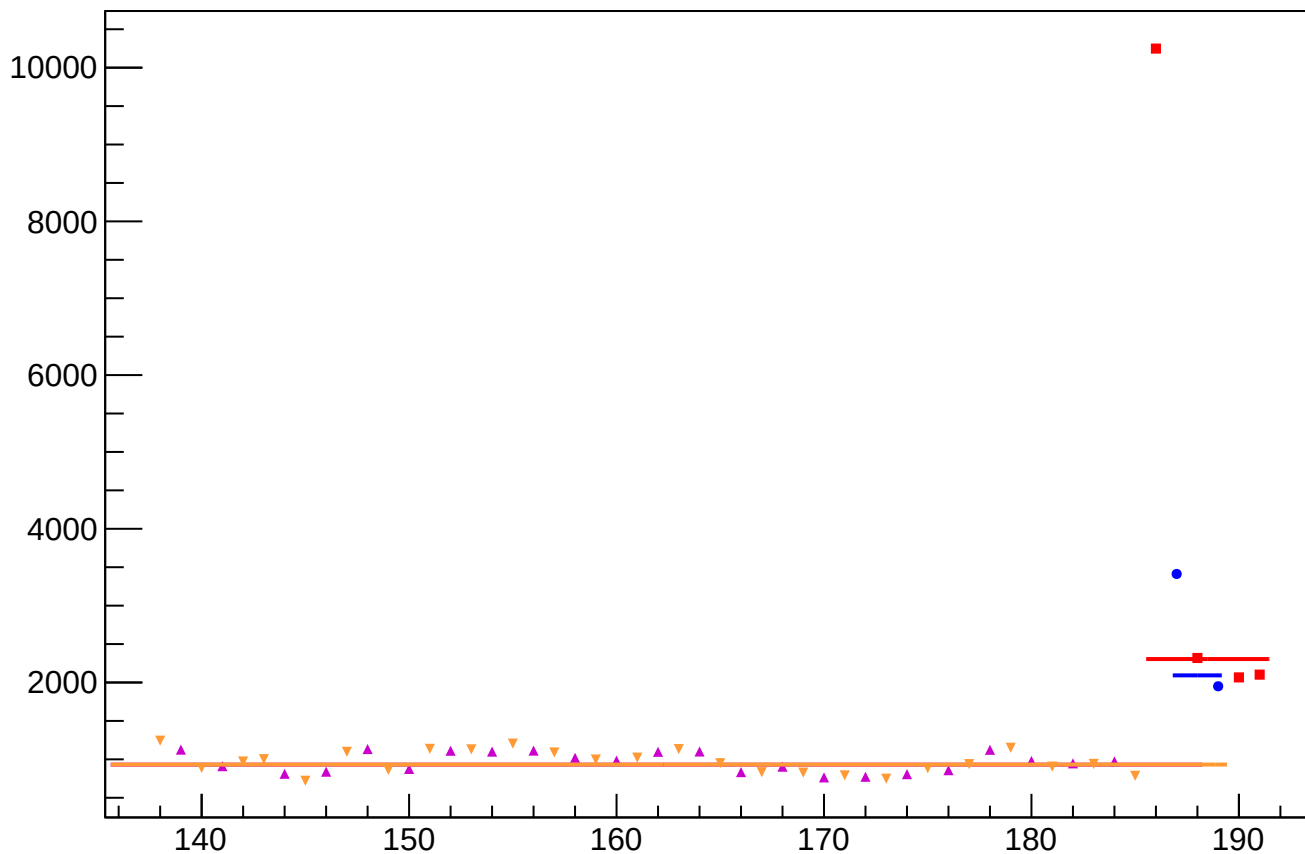
Left In: -53.940 ± 224.371 $\chi^2/\text{NDF}: 26.4/22$

+ sign 1256.522 ± 219.916 $\chi^2/\text{NDF}: 46.0/26$

All: 618.497 ± 156.479 $\chi^2/\text{NDF}: 95.2/53$

- sign -35.792 ± 222.701 $\chi^2/\text{NDF}: 32.2/26$

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: 2305.127+/-1.293 χ^2/NDF : 455527.0/3

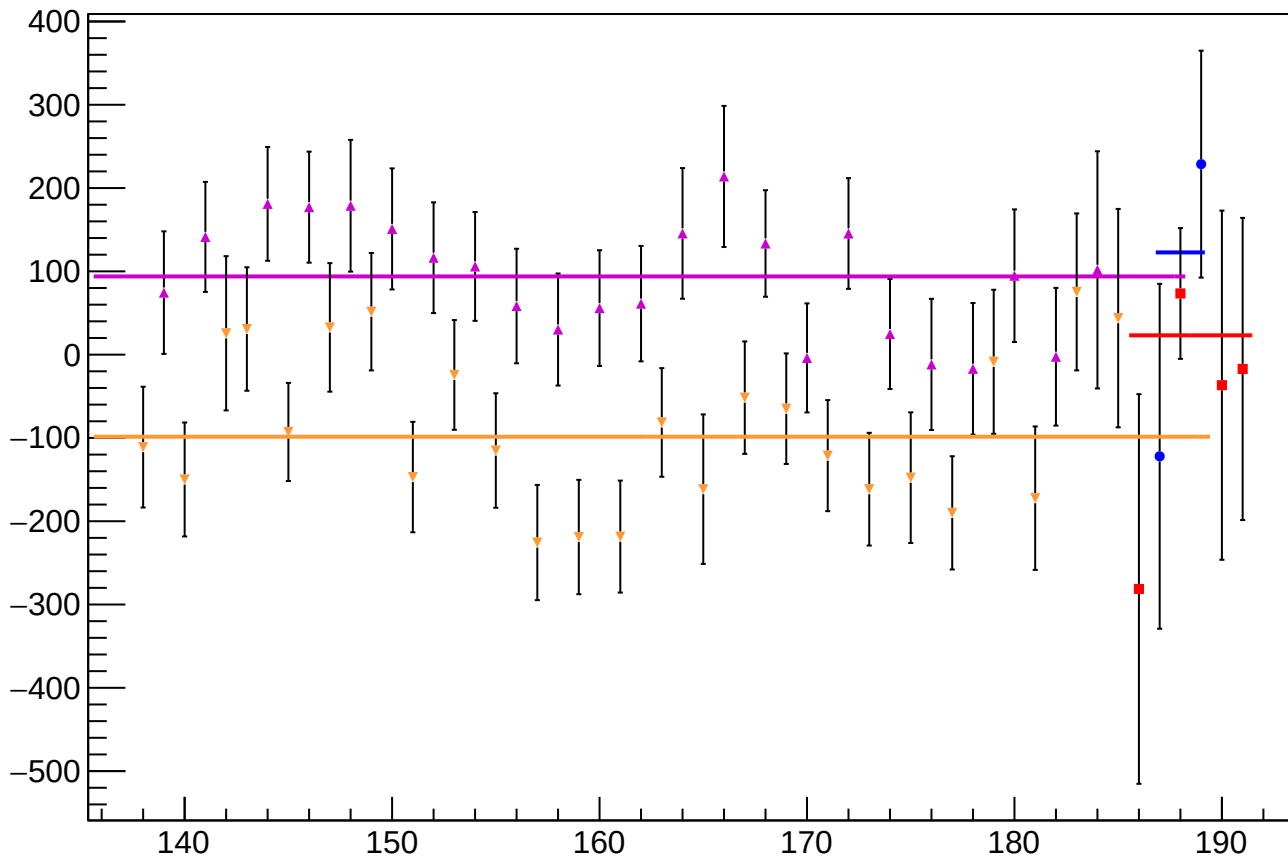
Left In: 930.854+/-0.159 χ^2/NDF : 621985.5/22

+ sign 939.627+/-0.156 χ^2/NDF : 1233996.9/26

All: 945.356+/-0.111 χ^2/NDF : 3426842.6/53

- sign 951.232+/-0.157 χ^2/NDF : 2190095.8/26

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 122.727 ± 113.805 χ^2/NDF : 2.0/1

Left Out: -98.557 ± 14.525 χ^2/NDF : 35.2/24

Right Out: 23.191 ± 65.409 χ^2/NDF : 2.2/3

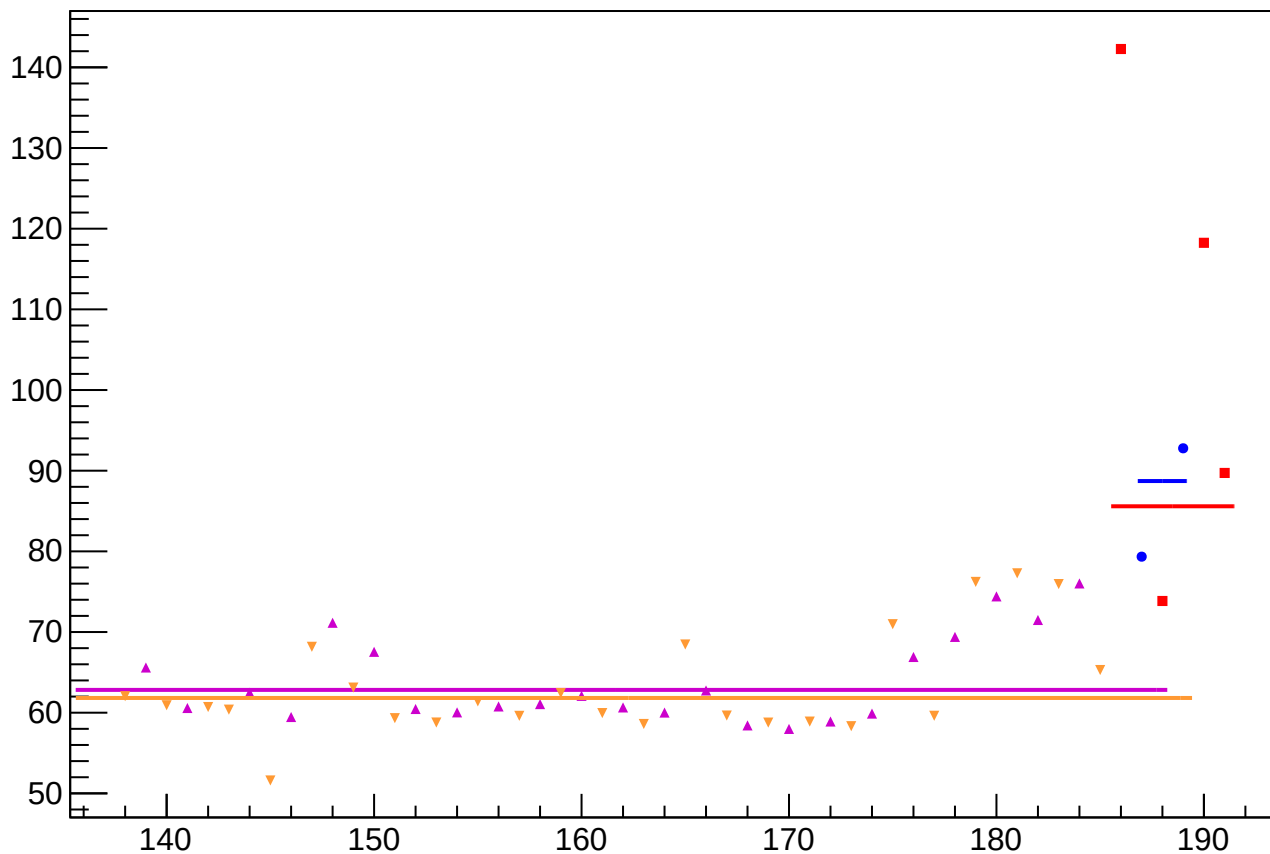
Left In: 93.899 ± 15.039 χ^2/NDF : 19.3/22

+ sign -95.010 ± 14.408 χ^2/NDF : 41.0/26

All: -3.915 ± 10.275 χ^2/NDF : 144.9/53

- sign 90.349 ± 14.657 χ^2/NDF : 22.6/26

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 88.717 $\pm$ 0.080 χ^2 /NDF: 5876.3/1

Left Out: 61.827 $\pm$ 0.010 χ^2 /NDF: 313572.8/24

Right Out: 85.588 $\pm$ 0.046 χ^2 /NDF: 211812.1/3

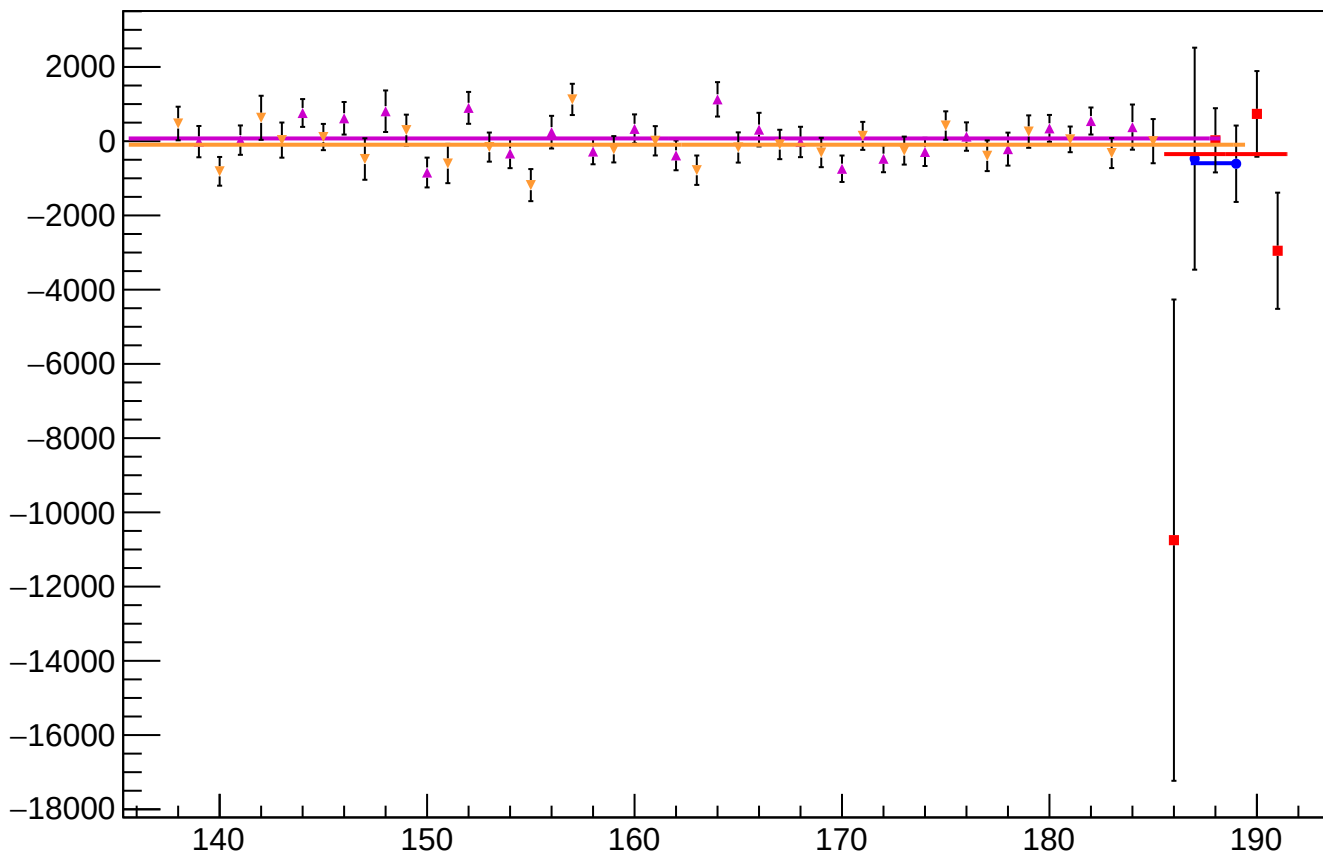
Left In: 62.827 $\pm$ 0.011 χ^2 /NDF: 187007.2/22

+ sign 62.258 $\pm$ 0.010 χ^2 /NDF: 429318.7/26

All: 63.099 $\pm$ 0.007 χ^2 /NDF: 1072023.1/53

- sign 63.970 $\pm$ 0.010 χ^2 /NDF: 628826.2/26

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -593.026+/-973.052 χ^2 /NDF: 0.0/1

Left Out: -94.907+/-82.850 χ^2 /NDF:31.6/24

Right Out: -347.661+/-629.930 χ^2 /NDF: 6.4/3

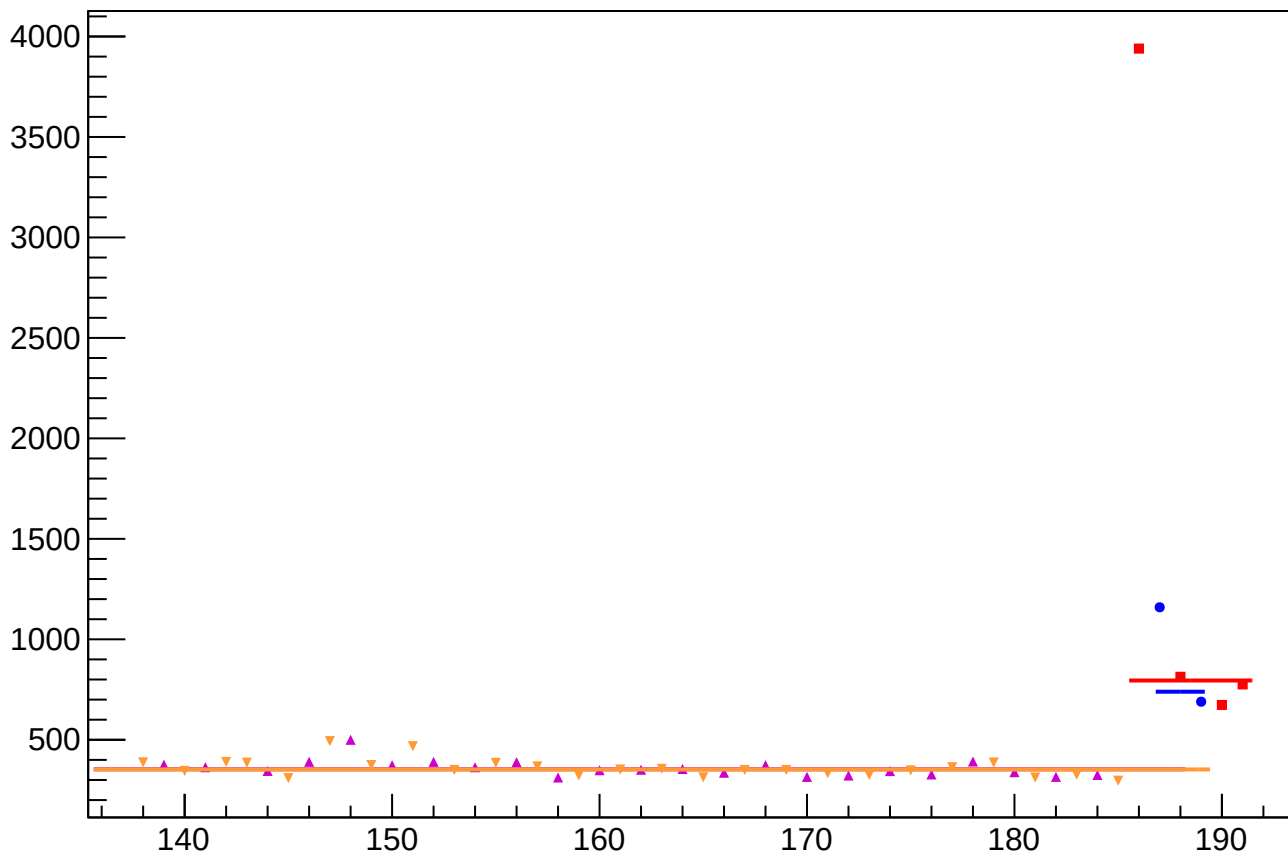
Left In: 73.914+/-84.652 χ^2 /NDF:36.4/22

+ sign -98.492+/-82.551 χ^2 /NDF: 31.8/26

All: -17.362+/-58.843 χ^2 /NDF: 77.0/53

- sign 66.436+/-83.898 χ^2 /NDF: 43.2/26

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 739.252 $\pm$ 0.688 χ^2 /NDF: 44151.4/1

Left Out: 352.403 $\pm$ 0.059 χ^2 /NDF: 418506.2/24

Right Out: 795.055 $\pm$ 0.445 χ^2 /NDF: 494023.5/3

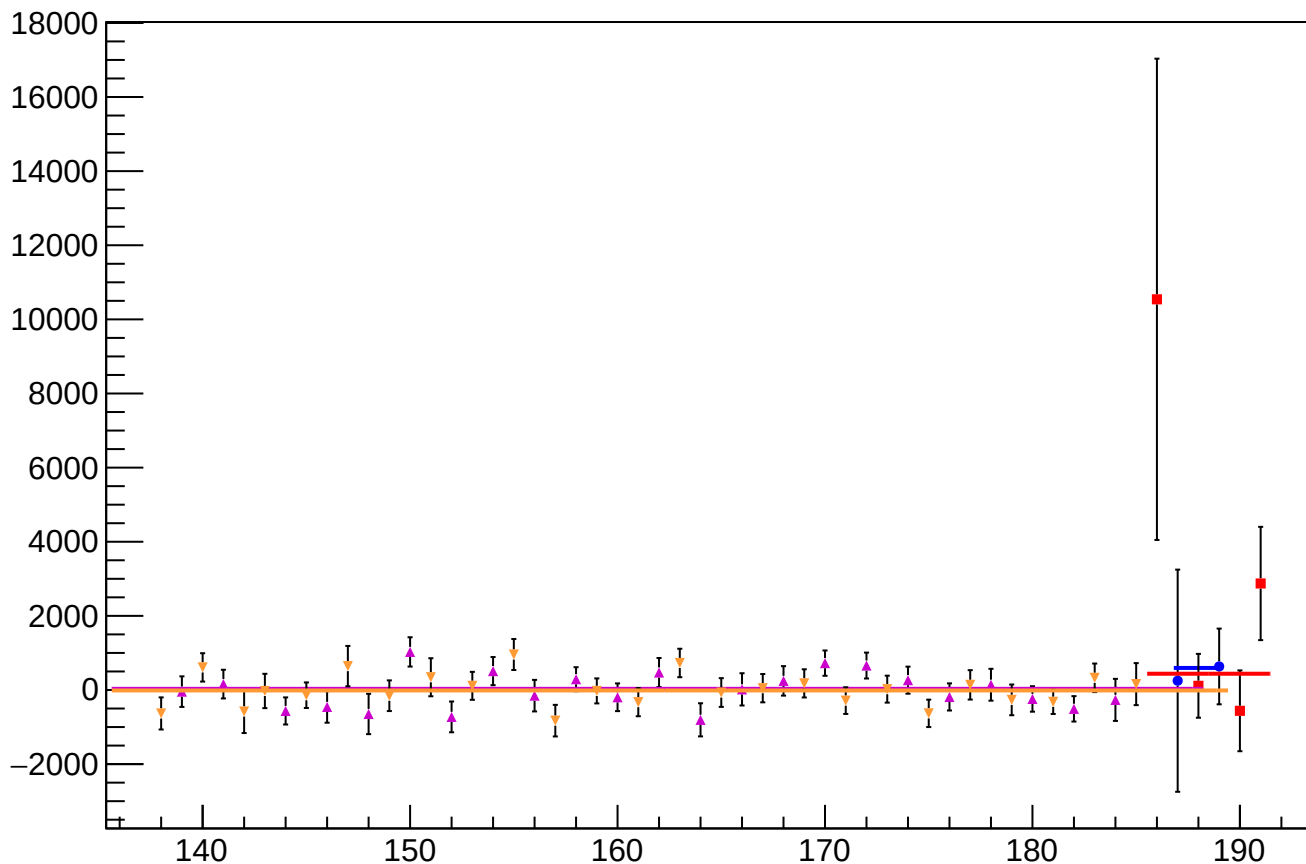
Left In: 353.197 $\pm$ 0.060 χ^2 /NDF: 321761.0/22

+ sign 355.187 $\pm$ 0.058 χ^2 /NDF: 776495.2/26

All: 358.064 $\pm$ 0.042 χ^2 /NDF: 2563797.8/53

- sign 361.035 $\pm$ 0.059 χ^2 /NDF: 1782365.2/26

asym_sam_13_57_dd_mean vs Slug



Right In: 595.036 $\pm$ 966.843 χ^2 /NDF: 0.0/1

Left Out: -12.545 $\pm$ 79.984 χ^2 /NDF:27.3/24

Right Out: 438.853 $\pm$ 615.237 χ^2 /NDF: 5.9/3

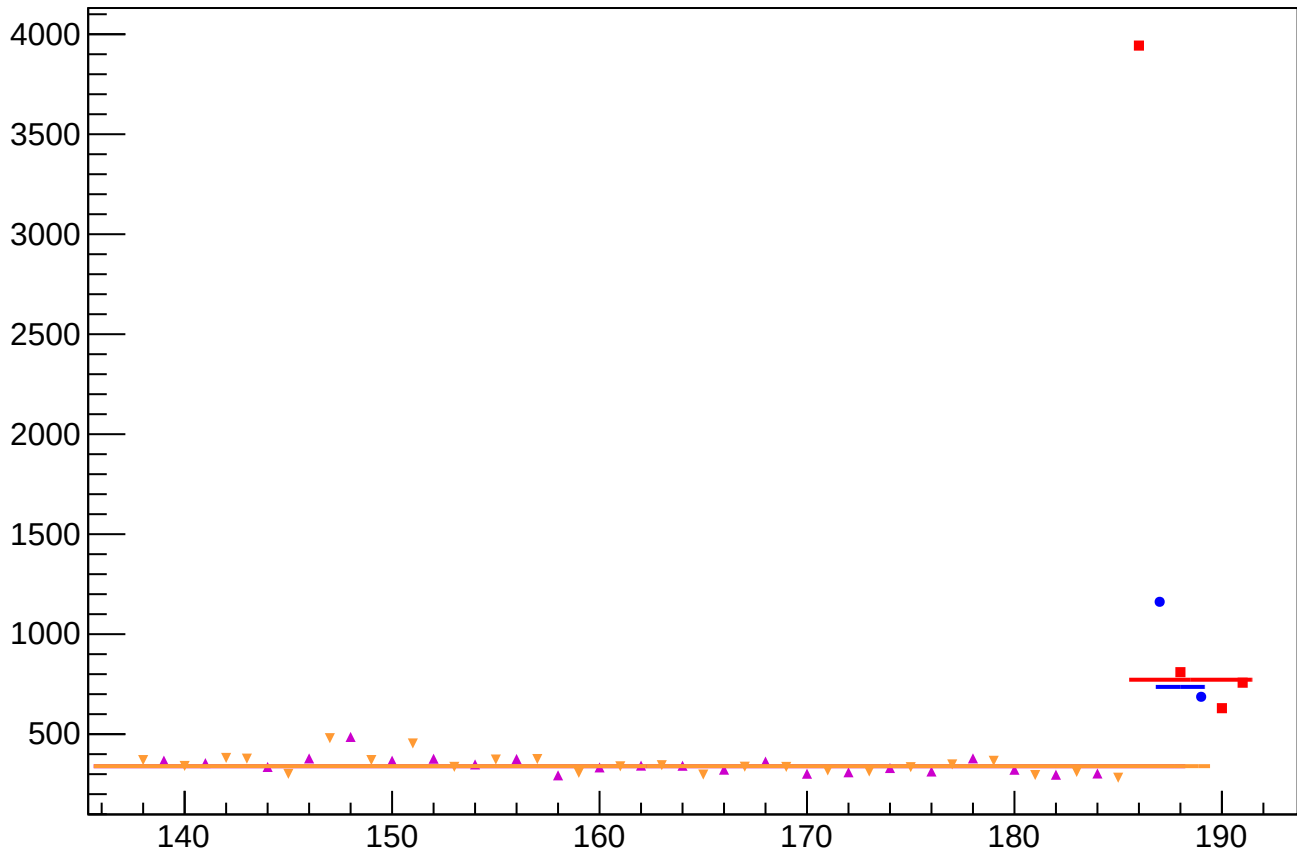
Left In: 31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

+ sign -8.415 $\pm$ 79.712 χ^2 /NDF: 27.8/26

All: 14.758 $\pm$ 56.735 χ^2 /NDF: 69.1/53

- sign 38.552 $\pm$ 80.771 χ^2 /NDF: 41.2/26

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: 772.220 $\pm$ 0.435 χ^2 /NDF: 515119.4/3

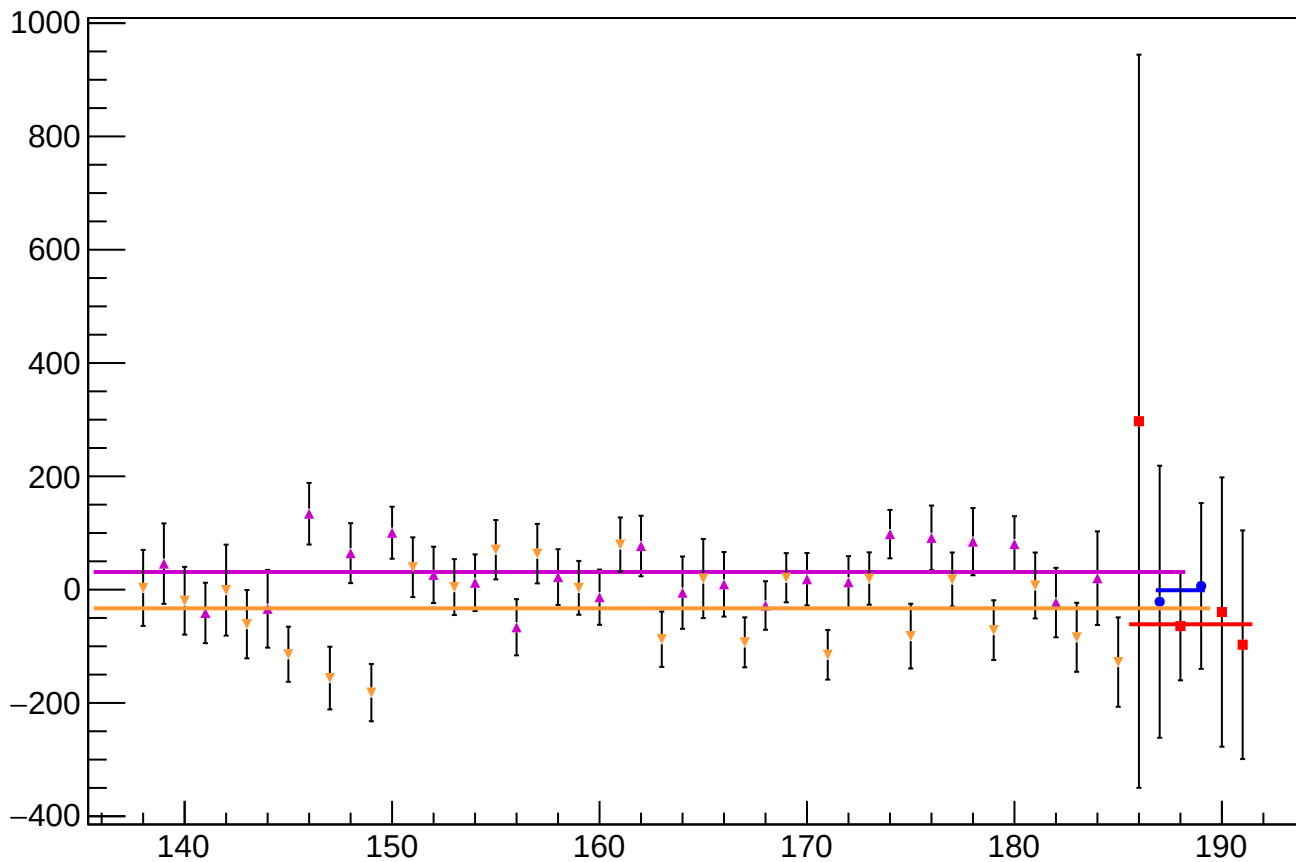
Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

+ sign 342.712 $\pm$ 0.056 χ^2 /NDF: 844037.0/26

All: 344.841 $\pm$ 0.040 χ^2 /NDF: 2711864.8/53

- sign 347.028 $\pm$ 0.057 χ^2 /NDF: 1864935.0/26

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -1.077 ± 124.953 χ^2/NDF : 0.0/1

Left Out: -32.964 ± 10.578 χ^2/NDF : 48.0/24

Right Out: -61.153 ± 80.638 χ^2/NDF : 0.3/3

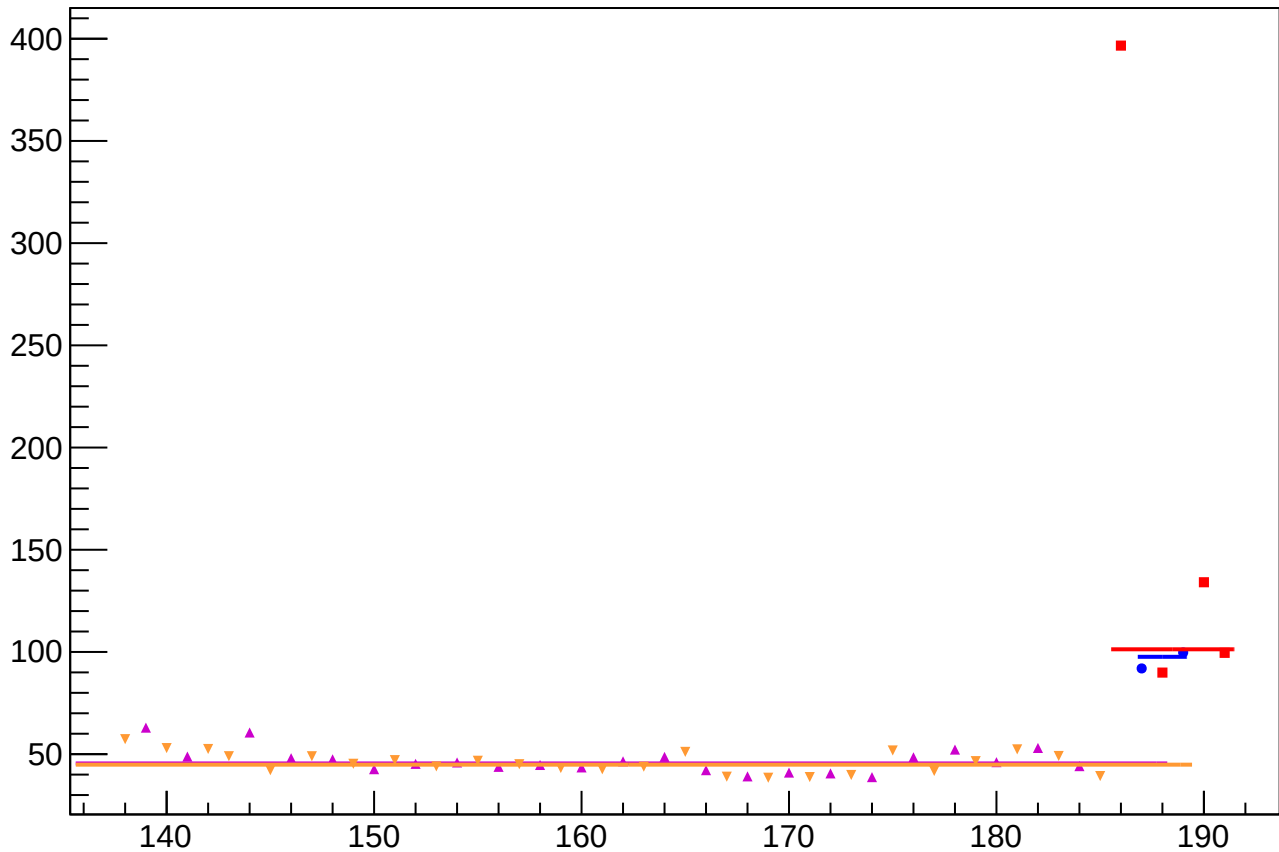
Left In: 31.144 ± 10.958 χ^2/NDF : 23.4/22

+ sign -32.737 ± 10.540 χ^2/NDF : 48.1/26

All: -2.558 ± 7.563 χ^2/NDF : 90.1/53

- sign 29.471 ± 10.858 χ^2/NDF : 25.1/26

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 97.625 $\pm$ 0.088 χ^2/NDF : 1538.5/1

Left Out: 44.862 $\pm$ 0.007 χ^2/NDF : 415524.3/24

Right Out: 101.300 $\pm$ 0.057 χ^2/NDF : 483250.3/3

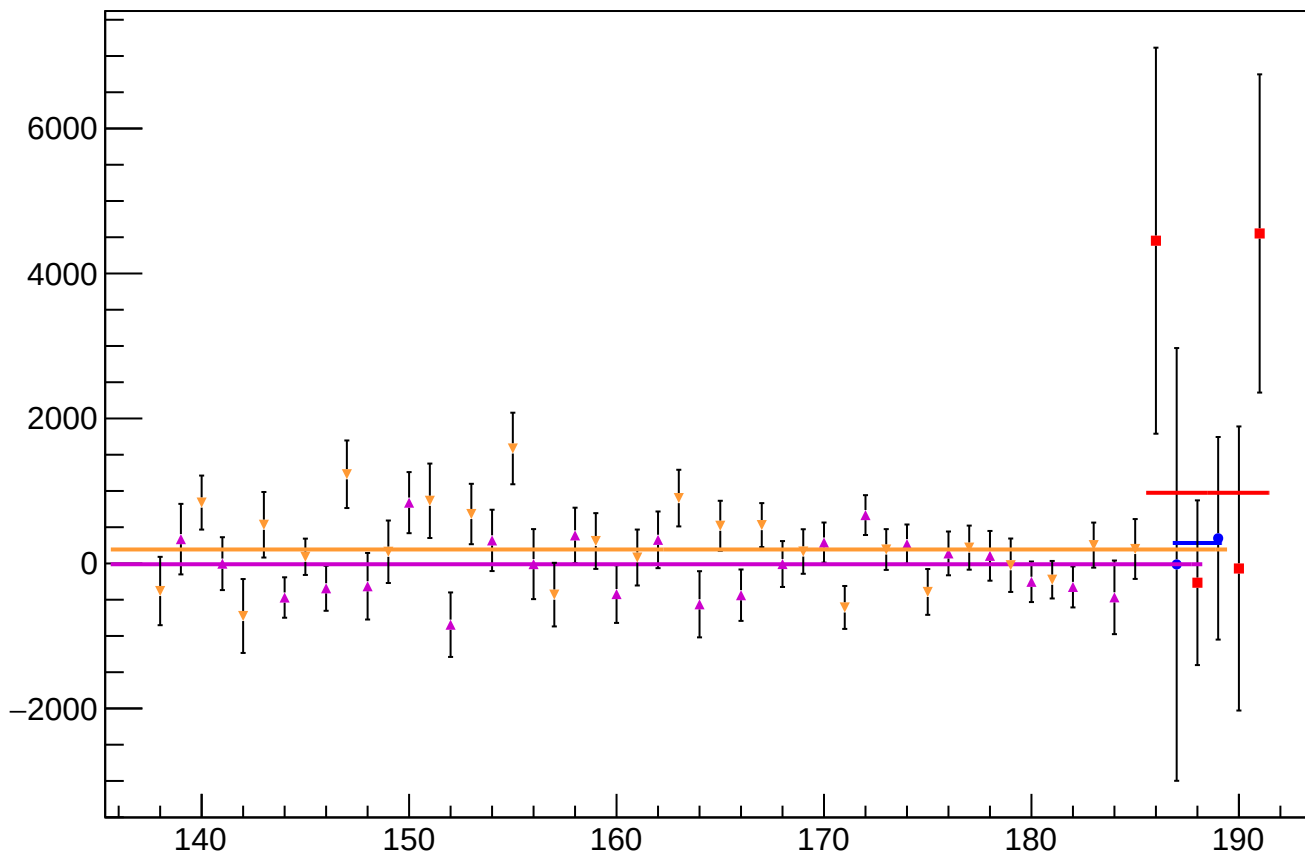
Left In: 45.465 $\pm$ 0.008 χ^2/NDF : 457021.7/22

+ sign 45.237 $\pm$ 0.007 χ^2/NDF : 771142.1/26

All: 45.839 $\pm$ 0.005 χ^2/NDF : 2666309.2/53

- sign 46.477 $\pm$ 0.008 χ^2/NDF : 1881738.5/26

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 282.429 ± 1265.531 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 192.946 ± 70.968 $\chi^2/\text{NDF}: 45.8/24$

Right Out: 974.977 ± 850.088 $\chi^2/\text{NDF}: 5.8/3$

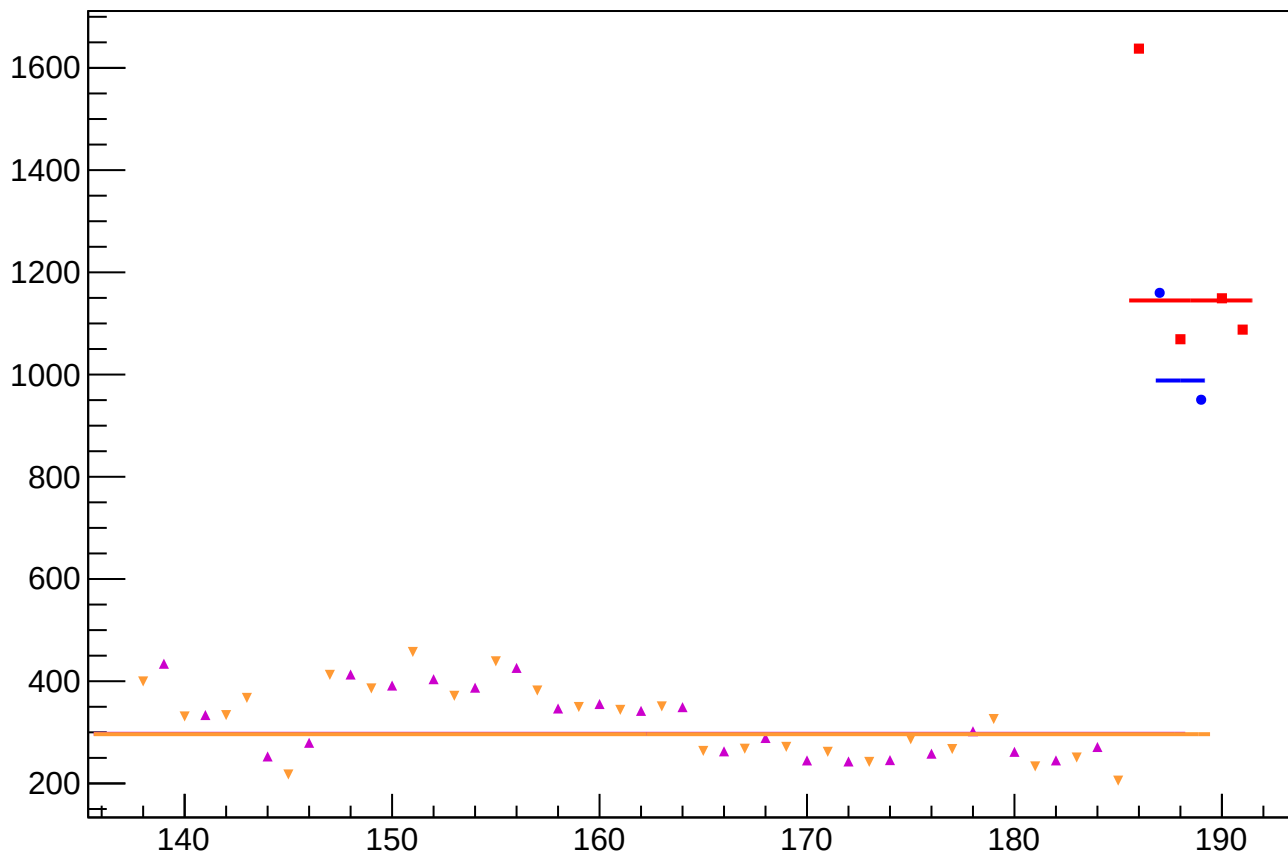
Left In: -10.801 ± 72.300 $\chi^2/\text{NDF}: 30.2/22$

+ sign 193.226 ± 70.857 $\chi^2/\text{NDF}: 45.8/26$

All: 96.383 ± 50.516 $\chi^2/\text{NDF}: 87.0/53$

- sign -3.721 ± 72.040 $\chi^2/\text{NDF}: 37.4/26$

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 988.357 $\pm$ 0.895 χ^2/NDF : 8056.2/1

Left Out: 296.383 $\pm$ 0.050 χ^2/NDF : 1635498.4/24

Right Out: 1144.979 $\pm$ 0.601 χ^2/NDF : 78766.5/3

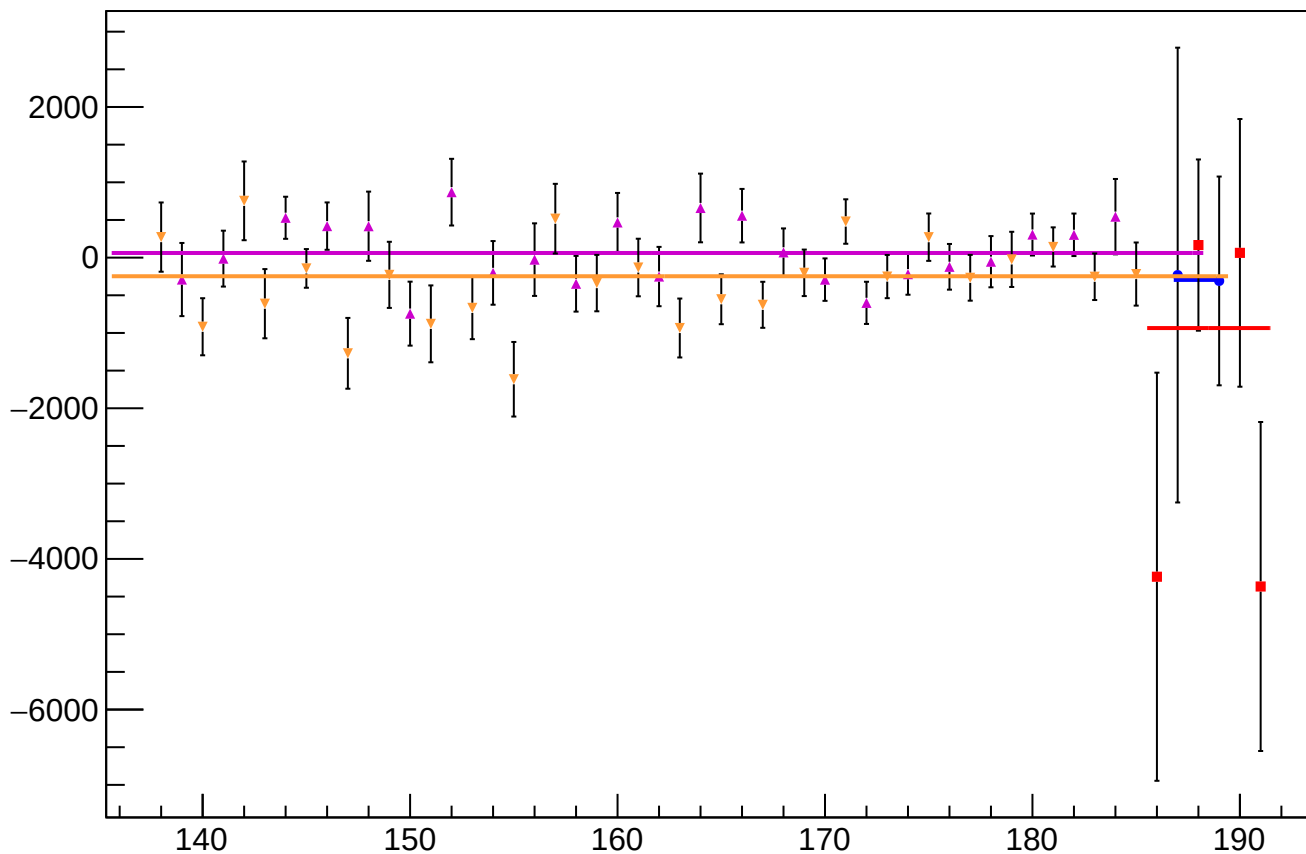
Left In: 297.137 $\pm$ 0.051 χ^2/NDF : 1320750.3/22

+ sign 298.552 $\pm$ 0.050 χ^2/NDF : 2239627.3/26

All: 300.850 $\pm$ 0.036 χ^2/NDF : 5618580.7/53

- sign 303.226 $\pm$ 0.051 χ^2/NDF : 3374675.4/26

asym_sam_15_37_dd_mean vs Slug



Right In: -295.819 ± 1259.520 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -247.108 ± 71.218 $\chi^2/\text{NDF}: 43.6/24$

Right Out: -935.179 ± 834.356 $\chi^2/\text{NDF}: 5.2/3$

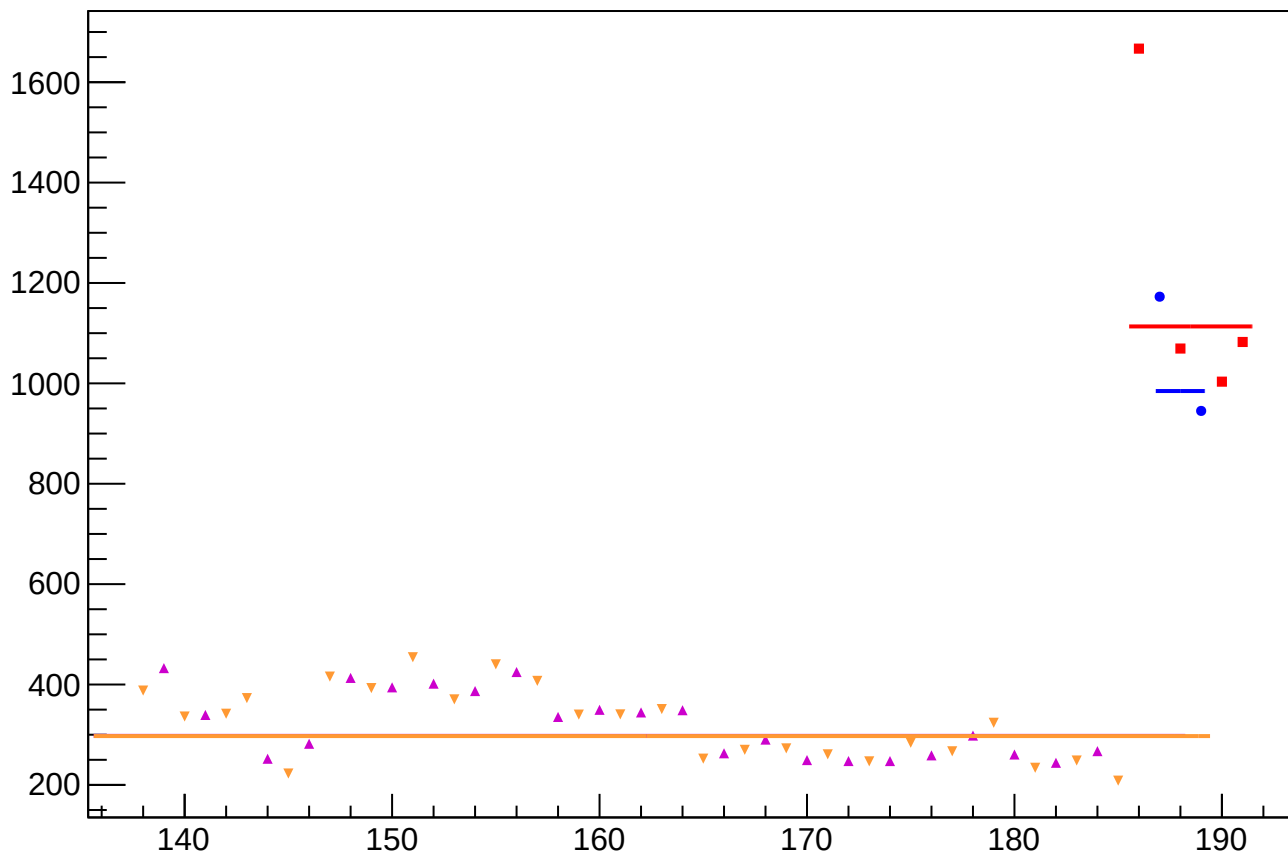
Left In: 61.707 ± 72.478 $\chi^2/\text{NDF}: 30.3/22$

+ sign -247.263 ± 71.104 $\chi^2/\text{NDF}: 43.6/26$

All: -98.828 ± 50.663 $\chi^2/\text{NDF}: 89.4/53$

- sign 54.241 ± 72.206 $\chi^2/\text{NDF}: 37.0/26$

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: 1113.413+/-0.590 χ^2/NDF : 94527.8/3

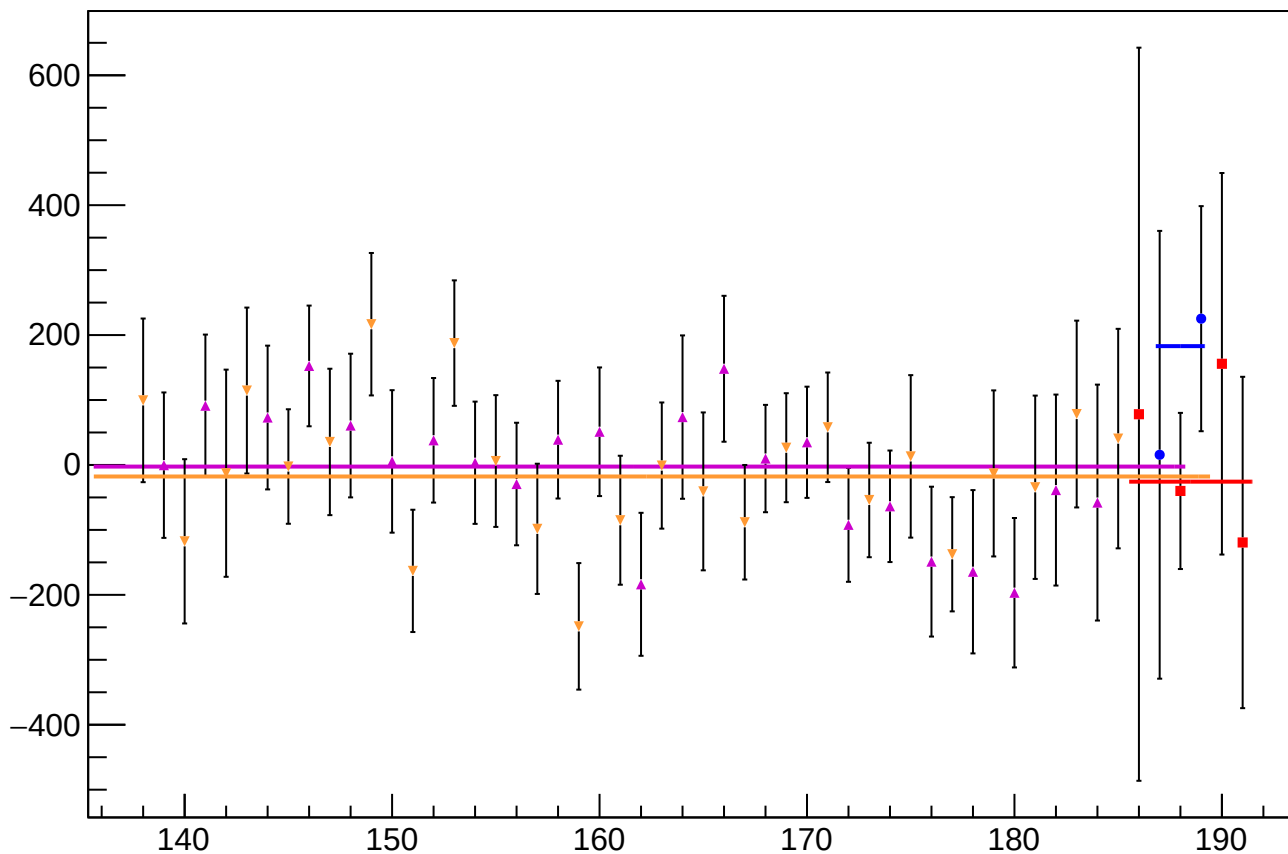
Left In: 297.696+/-0.051 χ^2/NDF : 1274607.7/22

+ sign 299.464+/-0.050 χ^2/NDF : 2231171.8/26

All: 301.601+/-0.036 χ^2/NDF : 5501301.1/53

- sign 303.805+/-0.051 χ^2/NDF : 3266458.3/26

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 182.963 $\pm$ 154.835 χ^2 /NDF: 0.3/1

Left Out: -17.764 $\pm$ 21.121 χ^2 /NDF:25.5/24

Right Out: -25.715 $\pm$ 100.358 χ^2 /NDF: 0.6/3

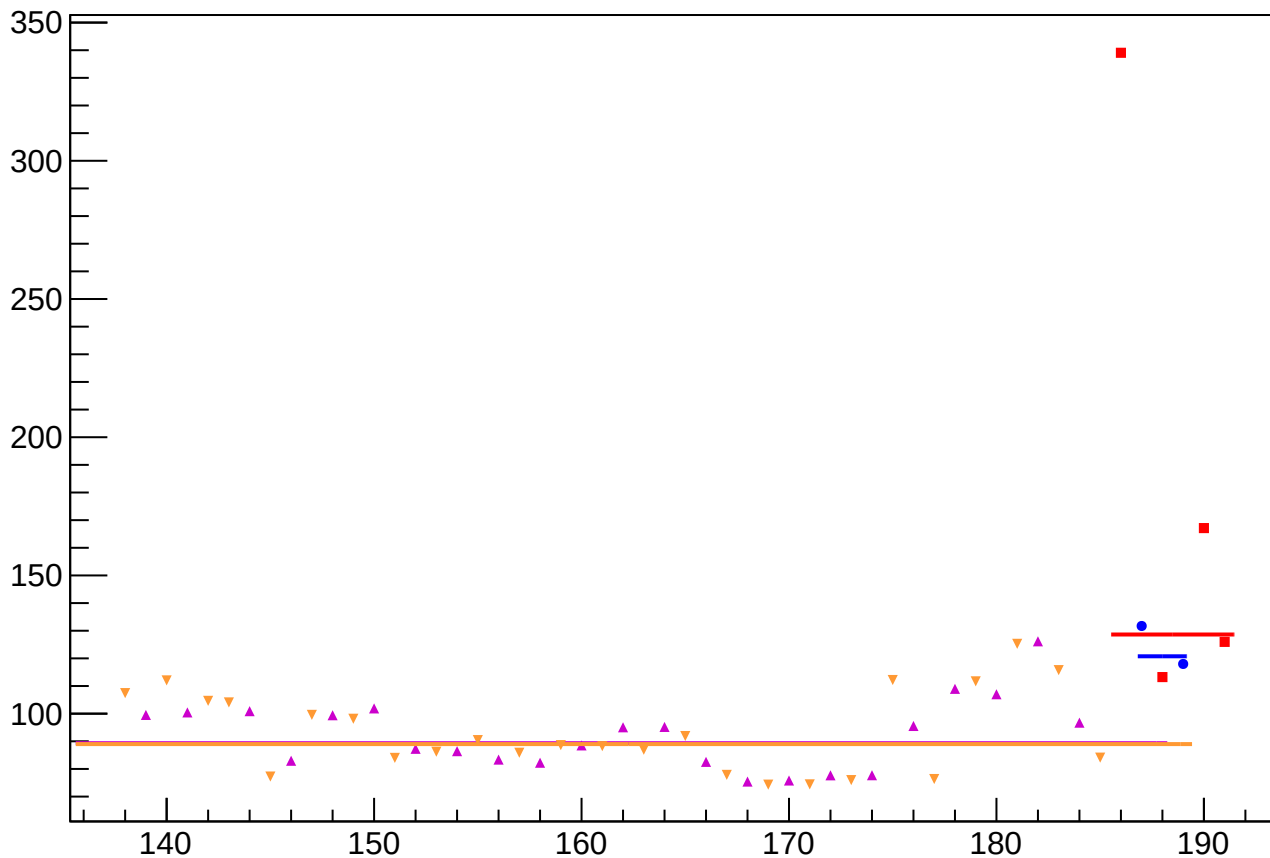
Left In: -2.505 $\pm$ 21.582 χ^2 /NDF:18.0/22

+ sign -14.097 $\pm$ 20.927 χ^2 /NDF: 27.5/26

All: -8.858 $\pm$ 14.858 χ^2 /NDF: 46.2/53

- sign -3.531 $\pm$ 21.100 χ^2 /NDF: 18.6/26

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 120.753 $\pm$ 0.109 χ^2 /NDF: 2534.3/1

Left Out: 88.991 $\pm$ 0.015 χ^2 /NDF: 807471.2/24

Right Out: 128.634 $\pm$ 0.071 χ^2 /NDF: 345429.7/3

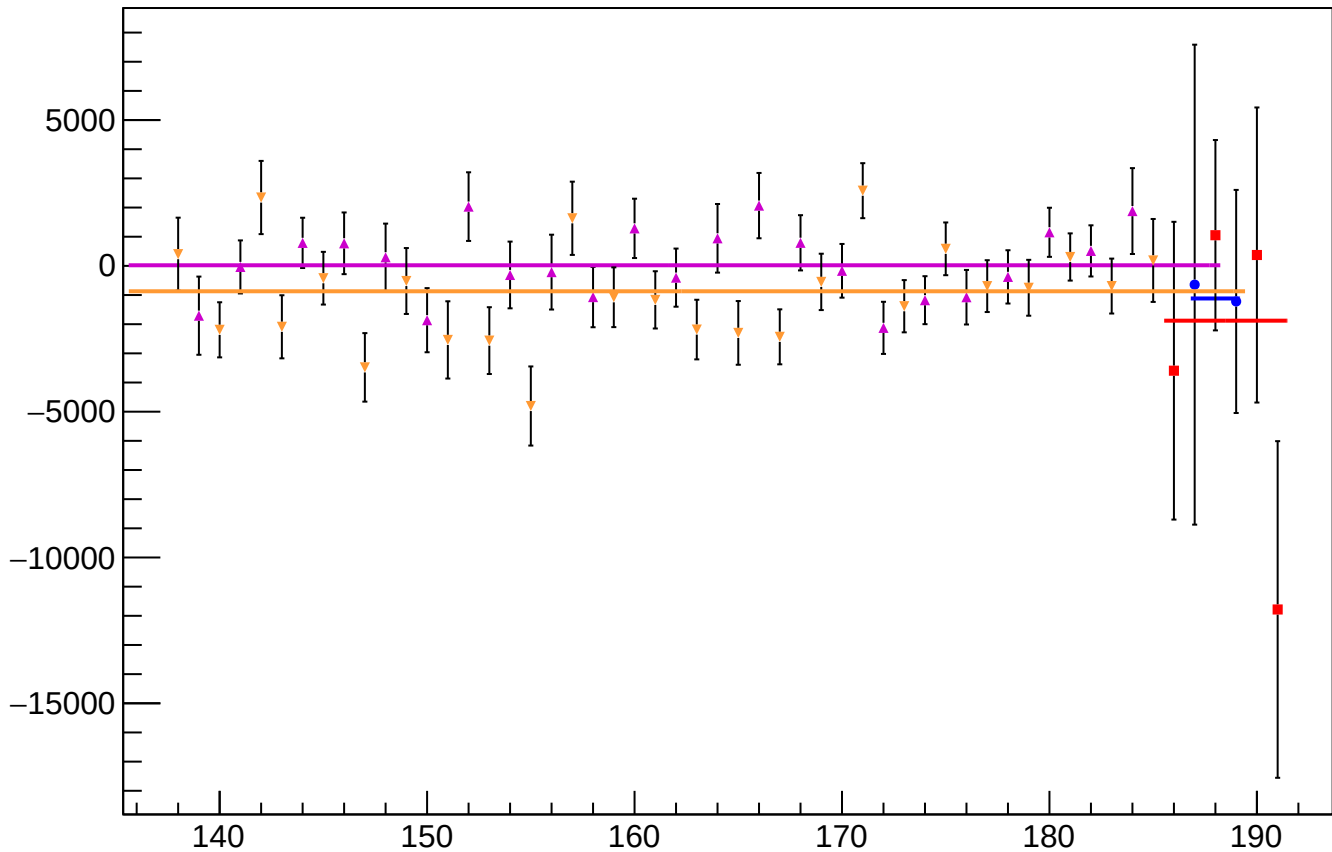
Left In: 89.321 $\pm$ 0.015 χ^2 /NDF: 560433.9/22

+ sign 89.571 $\pm$ 0.015 χ^2 /NDF: 892629.1/26

All: 90.309 $\pm$ 0.011 χ^2 /NDF: 2096835.5/53

- sign 91.059 $\pm$ 0.015 χ^2 /NDF: 1199190.6/26

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -1117.830+/-3468.685 χ^2 /NDF: 0.0/1

Left Out: -871.061+/-205.986 χ^2 /NDF: 57.6/24

Right Out: -1879.141+/-2228.683 χ^2 /NDF: 4.1/3

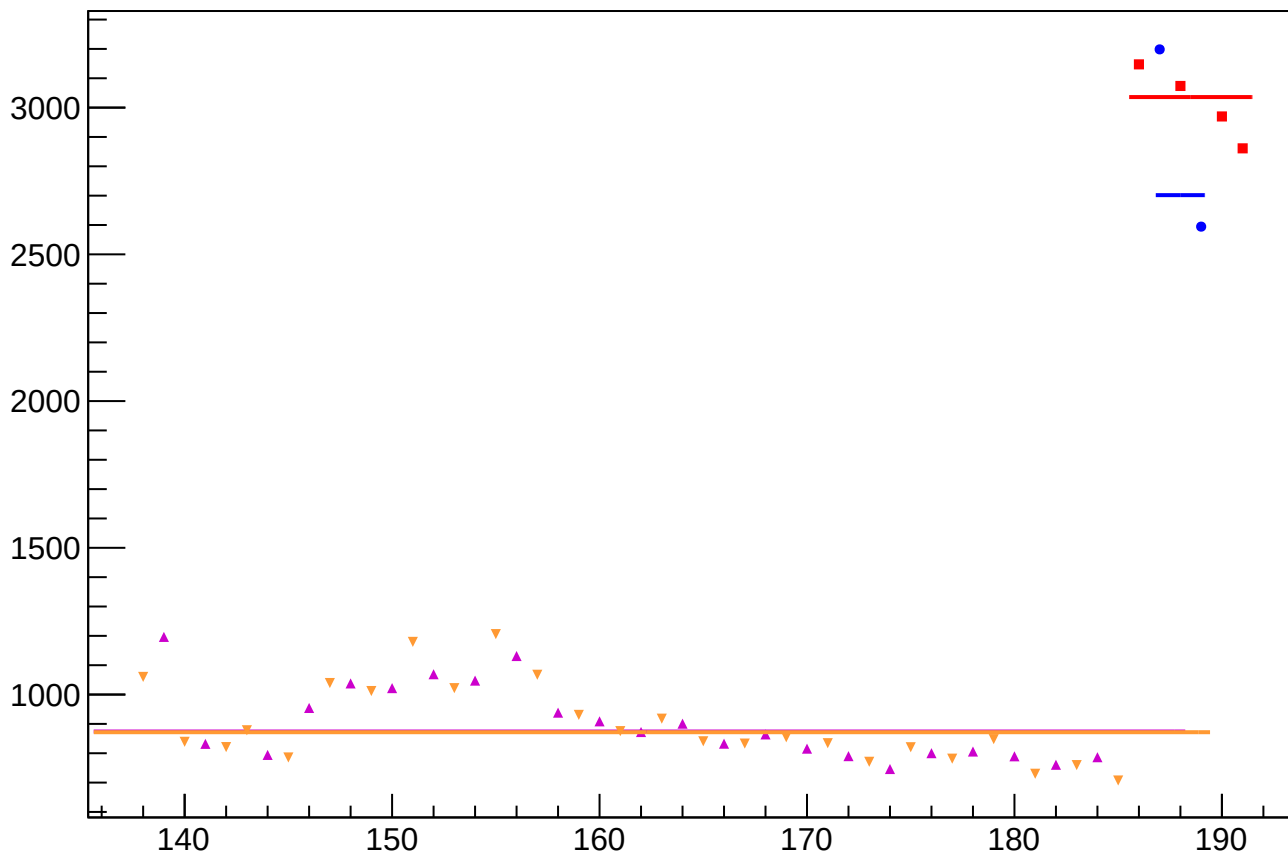
Left In: 20.573+/-210.177 χ^2 /NDF: 29.7/22

+ sign -871.928+/-205.623 χ^2 /NDF: 57.7/26

All: -441.701+/-146.662 χ^2 /NDF: 101.0/53

- sign 3.827+/-209.248 χ^2 /NDF: 34.4/26

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2701.745+/-2.453 χ^2/NDF : 8859.4/1

Left Out: 871.690+/-0.146 χ^2/NDF : 642403.4/24

Right Out: 3035.939+/-1.576 χ^2/NDF : 3395.7/3

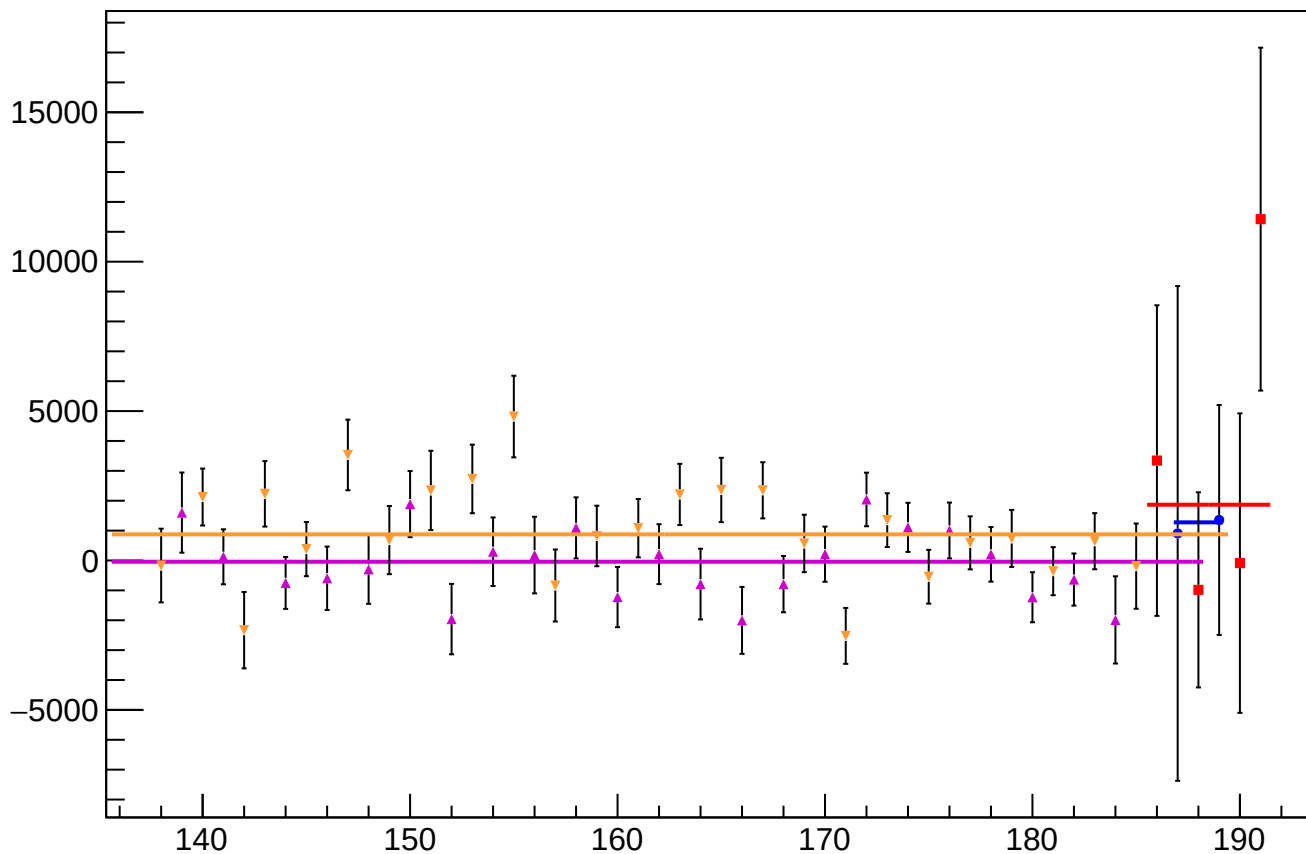
Left In: 874.055+/-0.149 χ^2/NDF : 578510.6/22

+ sign 878.121+/-0.145 χ^2/NDF : 1206015.7/26

All: 885.486+/-0.104 χ^2/NDF : 3658461.6/53

- sign 893.113+/-0.148 χ^2/NDF : 2447223.4/26

asym_sam_24_68_dd_mean vs Slug



Right In: 1276.589+/-3488.776 χ^2/NDF : 0.0/1

Left Out: 875.084+/-205.572 χ^2/NDF : 55.1/24

Right Out: 1866.153+/-2230.511 χ^2/NDF : 3.8/3

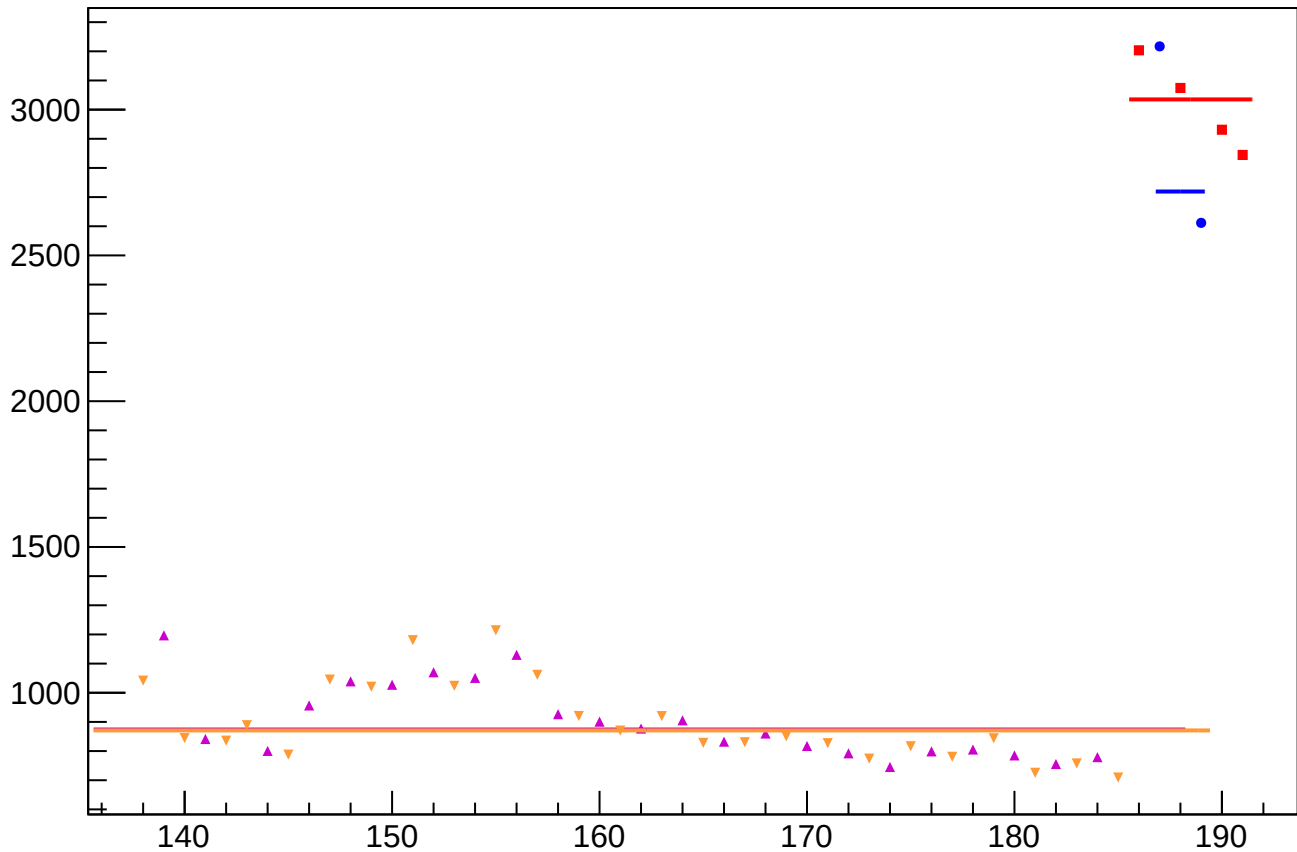
Left In: -41.523+/-210.209 χ^2/NDF : 28.1/22

+ sign 876.473+/-205.216 χ^2/NDF : 55.1/26

All: 434.710+/-146.526 χ^2/NDF : 97.2/53

- sign -24.729+/-209.281 χ^2/NDF : 32.6/26

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: 3035.008+/-1.577 χ^2/NDF : 5452.8/3

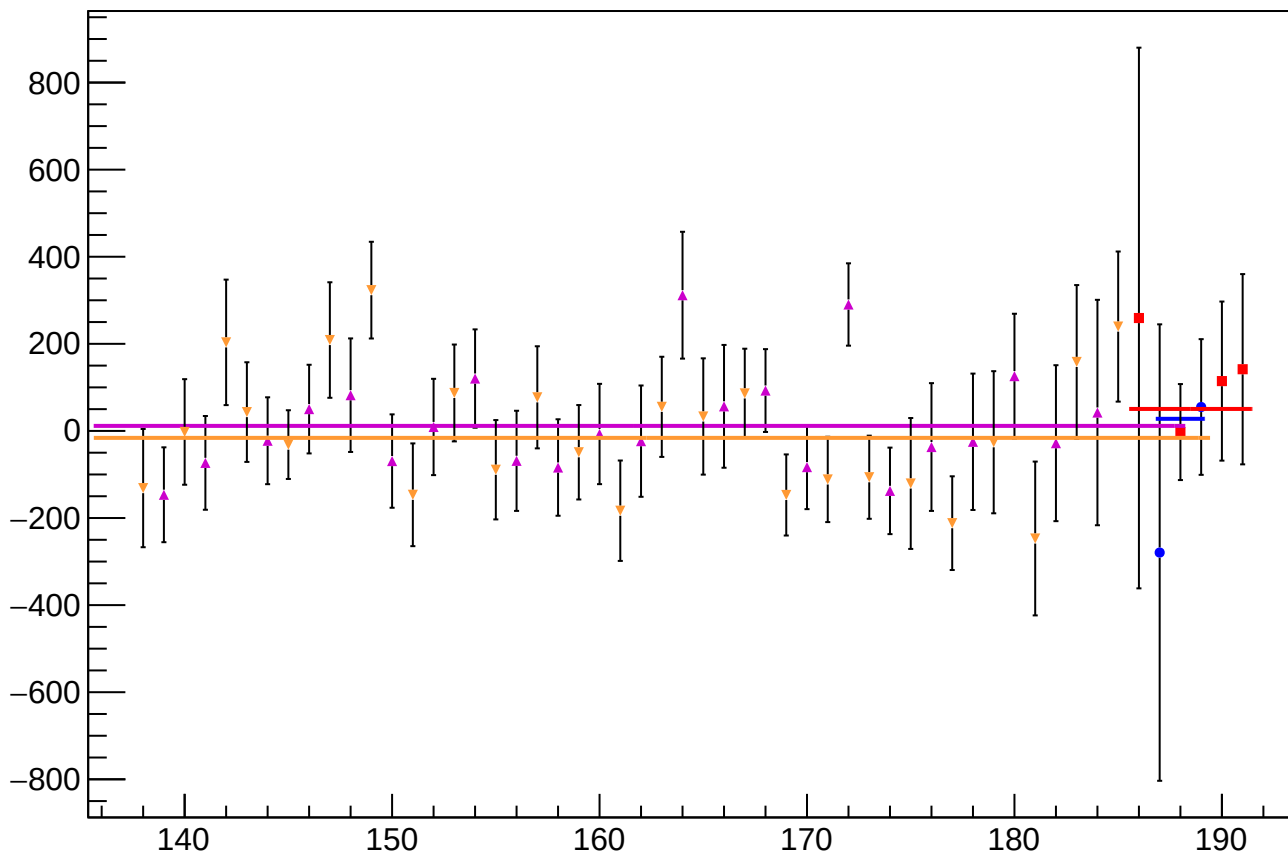
Left In: 873.902+/-0.149 χ^2/NDF : 583344.5/22

+ sign 877.248+/-0.145 χ^2/NDF : 1219987.9/26

All: 884.934+/-0.104 χ^2/NDF : 3675451.5/53

- sign 892.927+/-0.148 χ^2/NDF : 2449740.5/26

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 27.812 $\pm$ 149.346 χ^2 /NDF: 0.4/1

Left Out: -15.956 $\pm$ 23.377 χ^2 /NDF:34.9/24

Right Out: 50.482 $\pm$ 85.803 χ^2 /NDF: 0.6/3

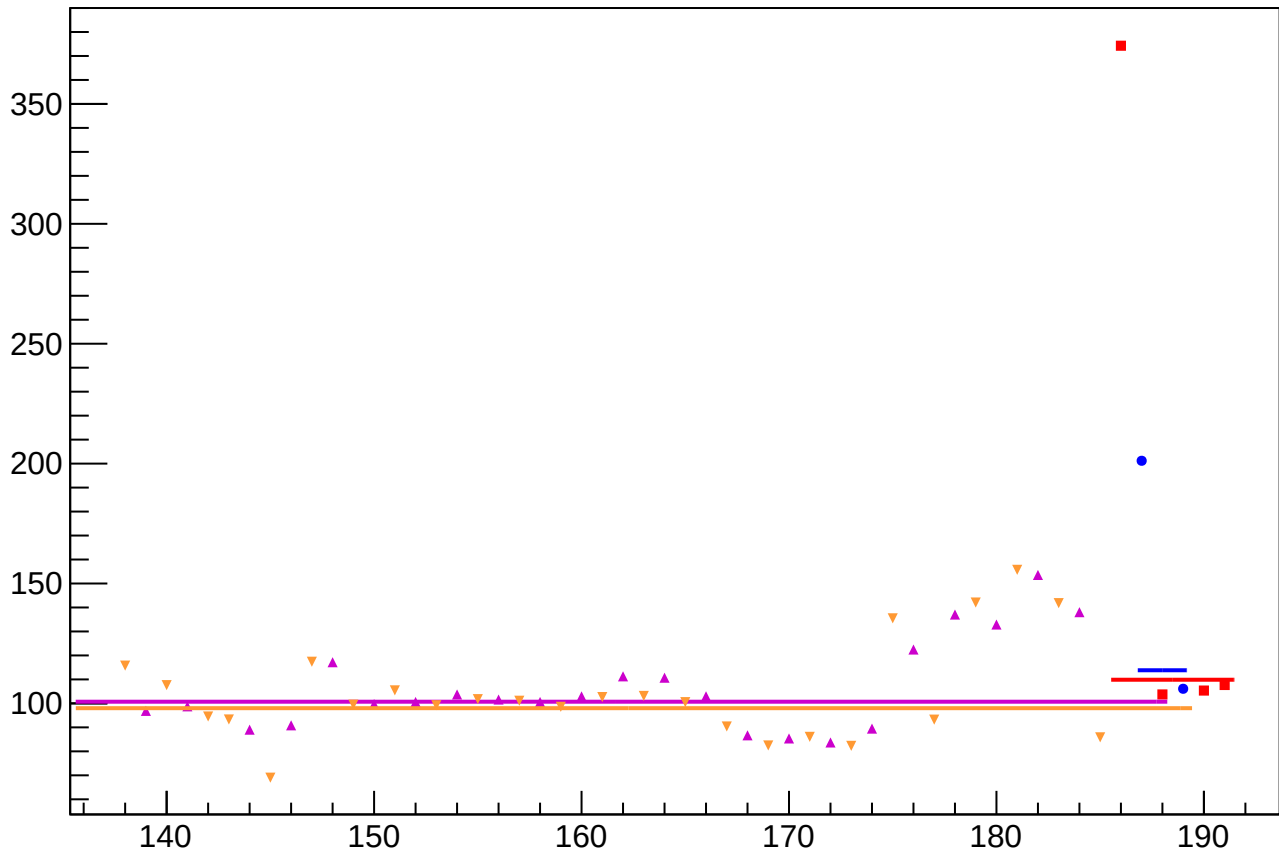
Left In: 11.570 $\pm$ 24.412 χ^2 /NDF:24.0/22

+ sign -14.909 $\pm$ 23.096 χ^2 /NDF: 35.4/26

All: -0.455 $\pm$ 16.465 χ^2 /NDF: 61.0/53

- sign 14.484 $\pm$ 23.480 χ^2 /NDF: 24.8/26

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 113.819 $\pm$ 0.106 χ^2 /NDF: 60481.0/1

Left Out: 98.001 $\pm$ 0.017 χ^2 /NDF: 1155021.9/24

Right Out: 109.866 $\pm$ 0.061 χ^2 /NDF: 370403.9/3

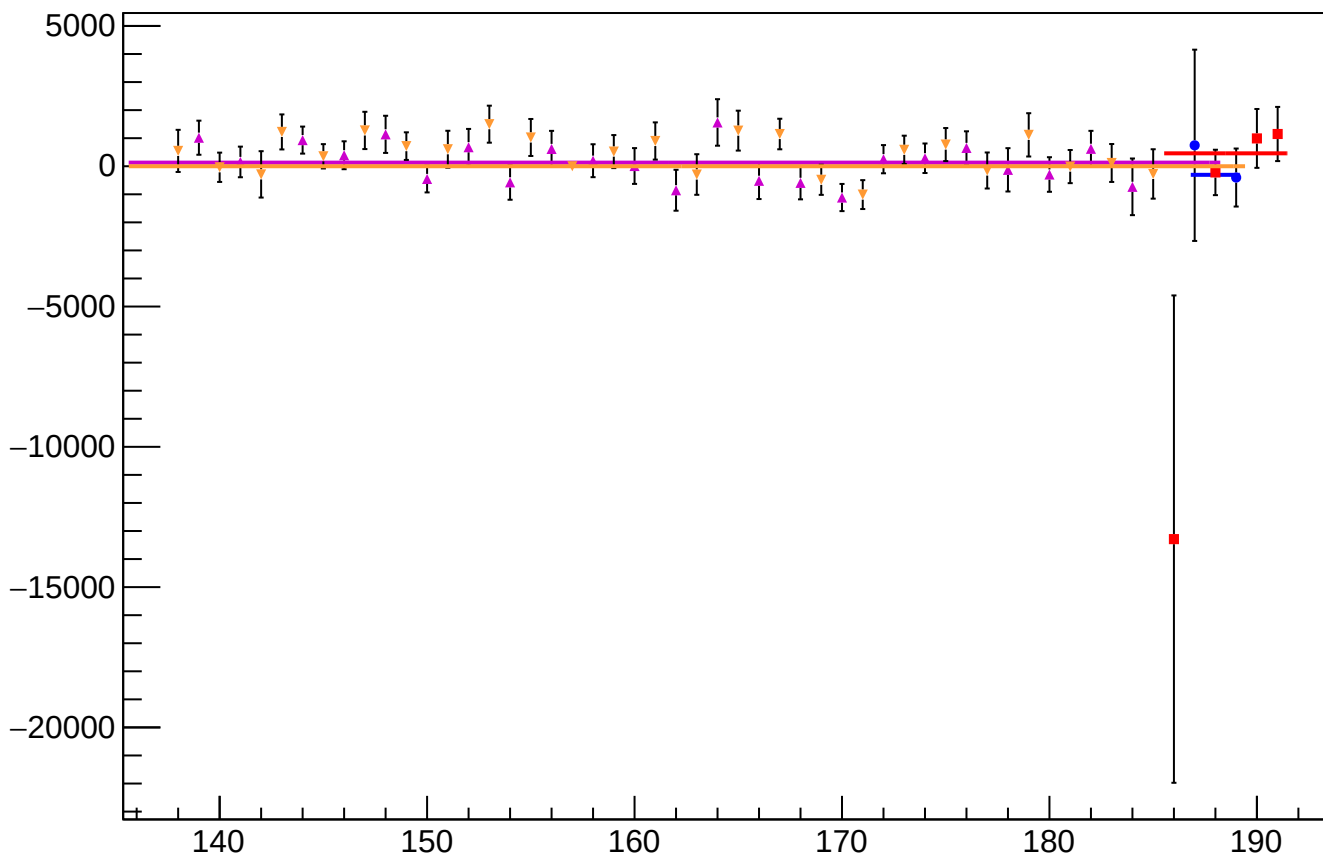
Left In: 100.704 $\pm$ 0.017 χ^2 /NDF: 759922.8/22

+ sign 98.380 $\pm$ 0.016 χ^2 /NDF: 1237402.0/26

All: 99.860 $\pm$ 0.012 χ^2 /NDF: 2405534.9/53

- sign 101.390 $\pm$ 0.017 χ^2 /NDF: 1151426.2/26

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -305.795 ± 989.348 χ^2/NDF : 0.1/1

Left Out: -0.000 ± 0.000 χ^2/NDF : 39.9/24

Right Out: 460.189 ± 532.817 χ^2/NDF : 4.0/3

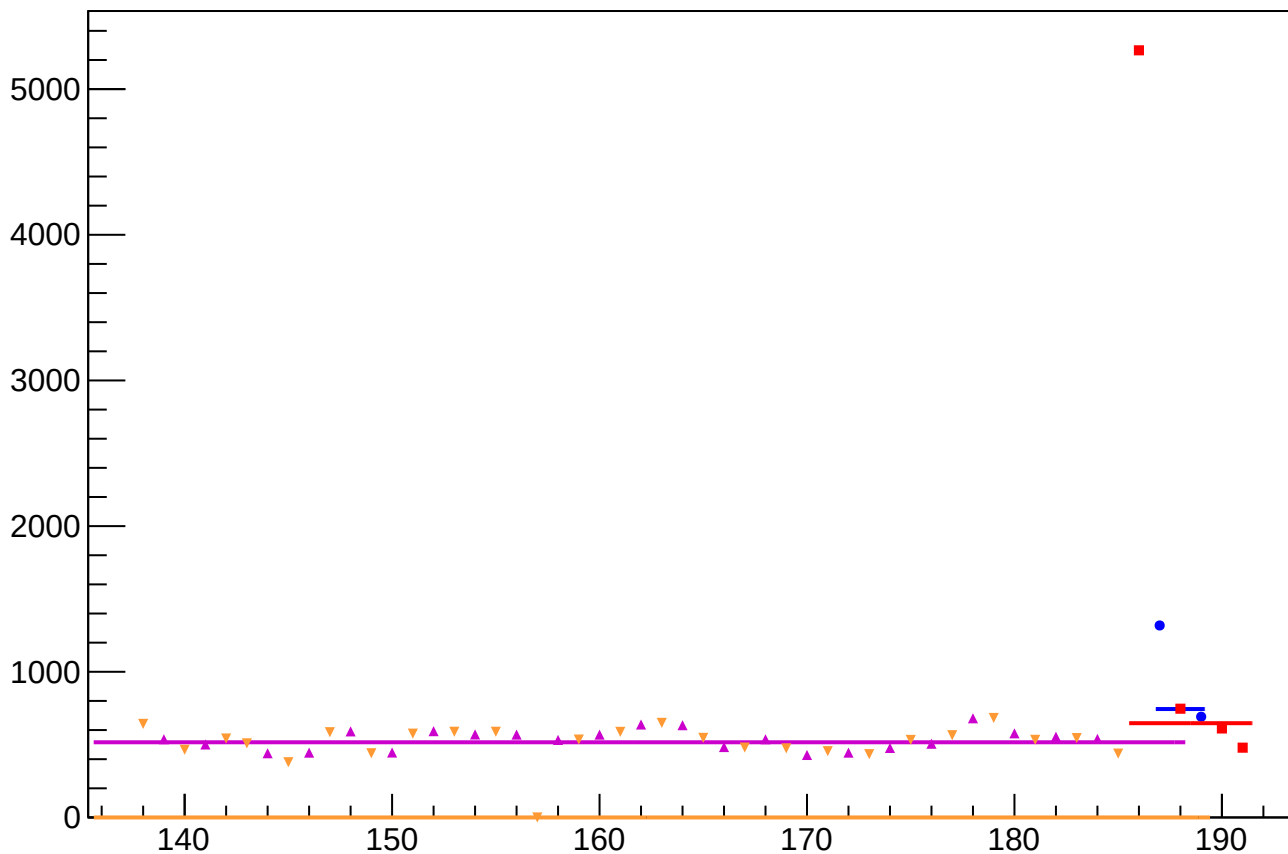
Left In: 129.094 ± 124.247 χ^2/NDF : 28.3/22

+ sign -0.000 ± 0.000 χ^2/NDF : 40.1/26

All: -0.000 ± 0.000 χ^2/NDF : 74.2/53

- sign 146.170 ± 121.000 χ^2/NDF : 32.7/26

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 744.303 ± 0.700 χ^2/NDF : 61878.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 34974091.9/24

Right Out: 647.135 ± 0.377 χ^2/NDF : 659061.0/3

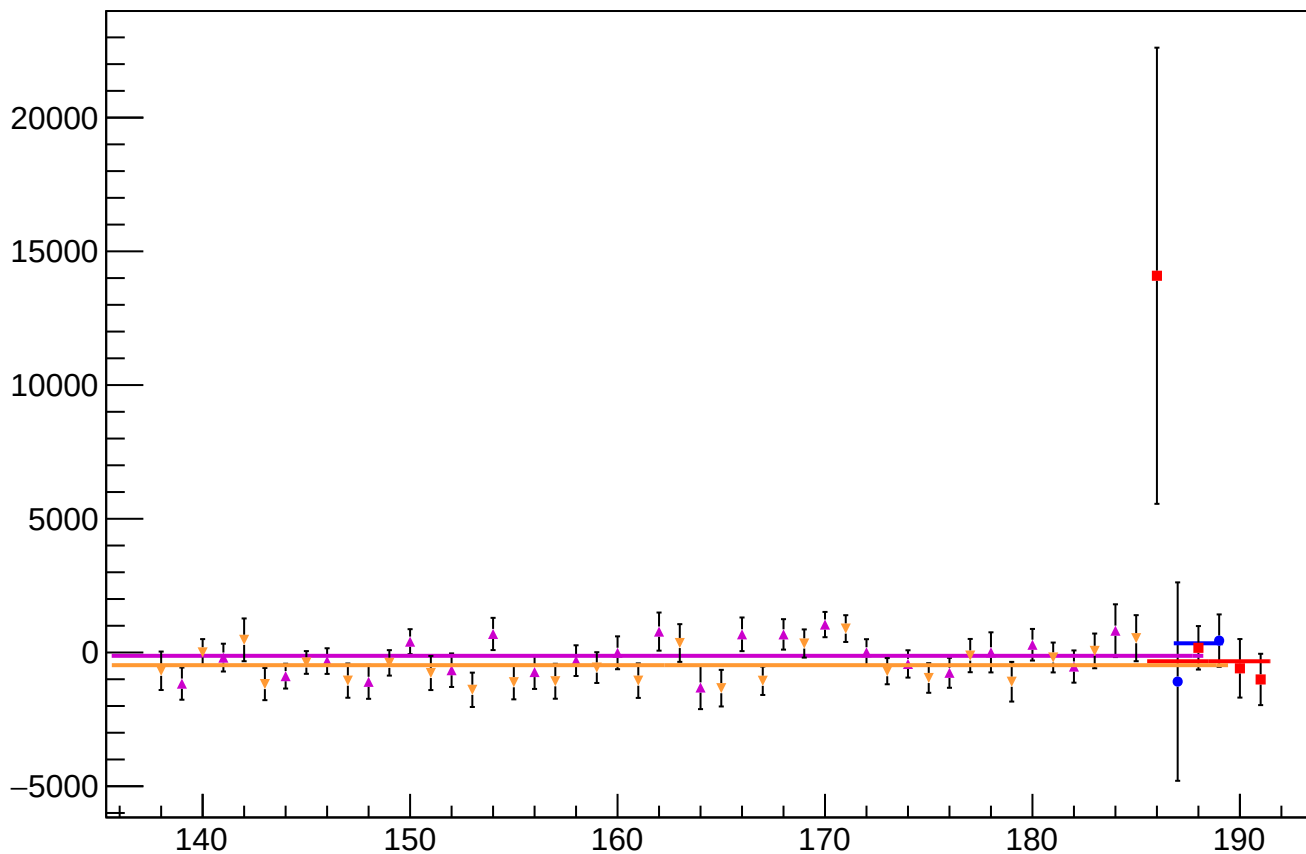
Left In: 516.120 ± 0.088 χ^2/NDF : 571744.7/22

+ sign 0.000 ± 0.000 χ^2/NDF : 36167932.9/26

All: 0.000 ± 0.000 χ^2/NDF : 74860356.1/53

- sign 522.877 ± 0.086 χ^2/NDF : 1345494.2/26

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: -327.497 ± 538.697 χ^2/NDF : 3.8/3

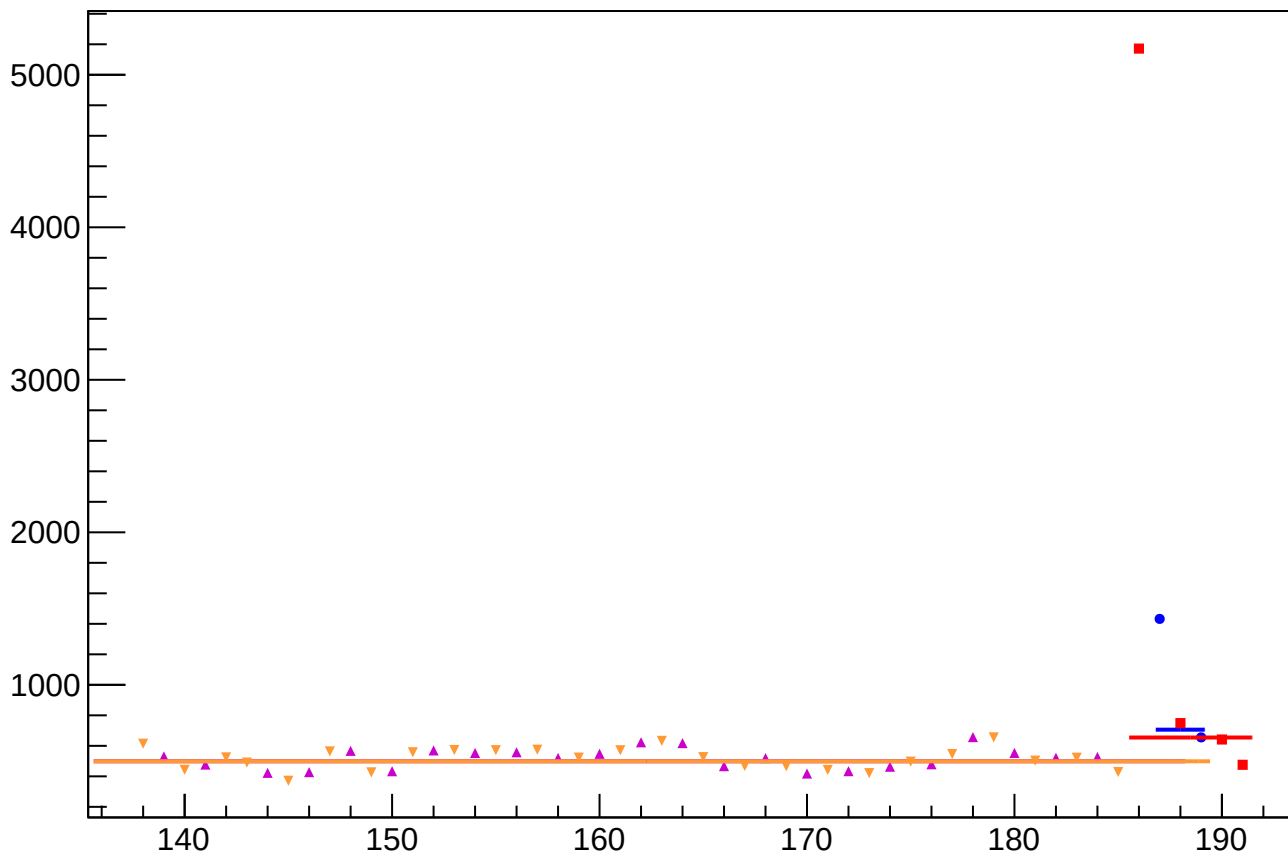
Left In: -124.022 ± 120.216 χ^2/NDF : 30.2/22

+ sign -461.371 ± 117.072 χ^2/NDF : 28.8/26

All: -297.882 ± 82.874 χ^2/NDF : 66.8/53

- sign -133.674 ± 117.330 χ^2/NDF : 34.1/26

asym_sam_26_48_dd_rms vs Slug



Right In: 706.045+/-0.670 χ^2/NDF : 82030.2/1

Left Out: 498.662+/-0.083 χ^2/NDF : 734652.4/24

Right Out: 654.535+/-0.381 χ^2/NDF : 657825.5/3

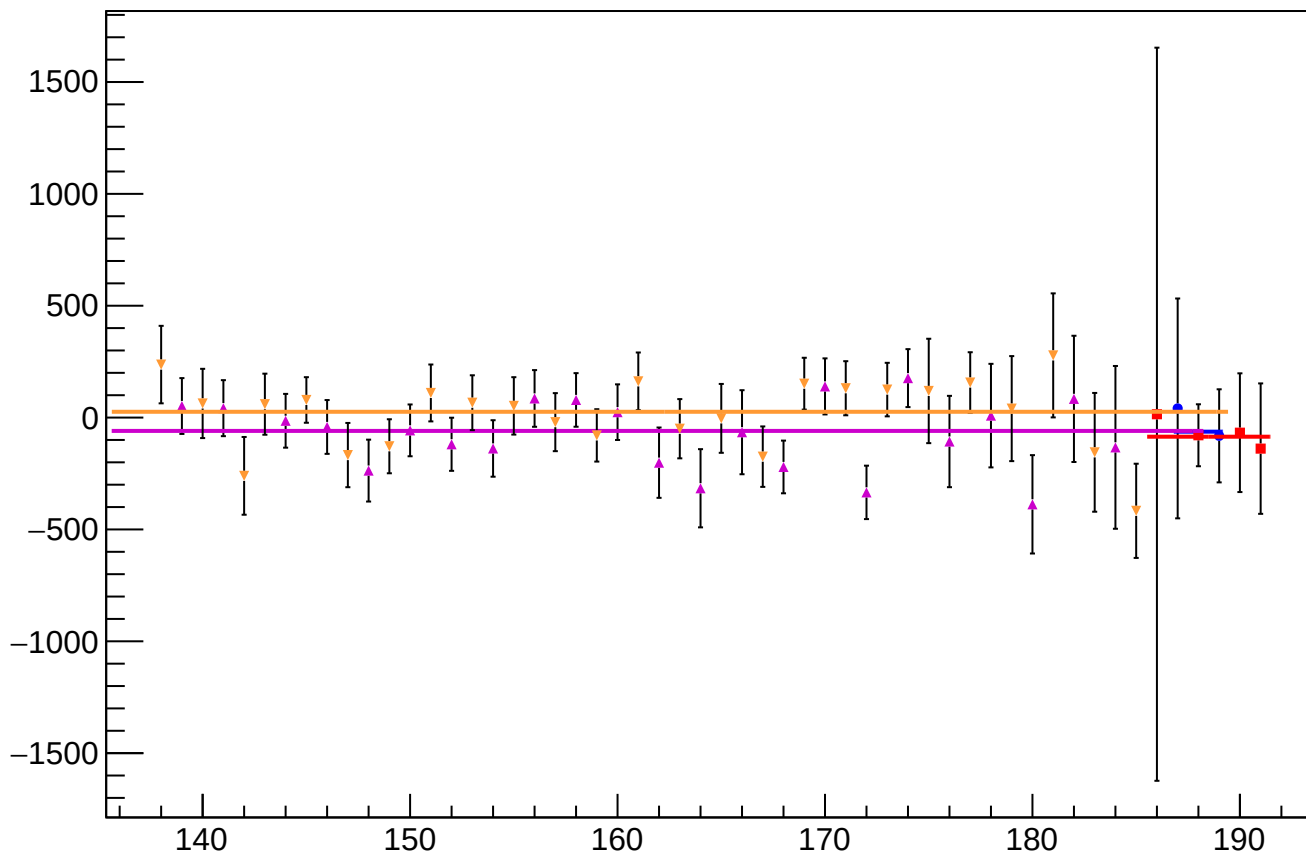
Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

+ sign 501.831+/-0.083 χ^2/NDF : 911093.6/26

All: 504.021+/-0.059 χ^2/NDF : 2301809.1/53

- sign 506.221+/-0.083 χ^2/NDF : 1389312.2/26

dit_asym_sam_1548_avg_mean vs Slug



Right In: -62.956 ± 191.574 χ^2/NDF : 0.1/1

Left Out: 25.940 ± 28.120 χ^2/NDF : 22.7/24

Right Out: -85.462 ± 112.891 χ^2/NDF : 0.0/3

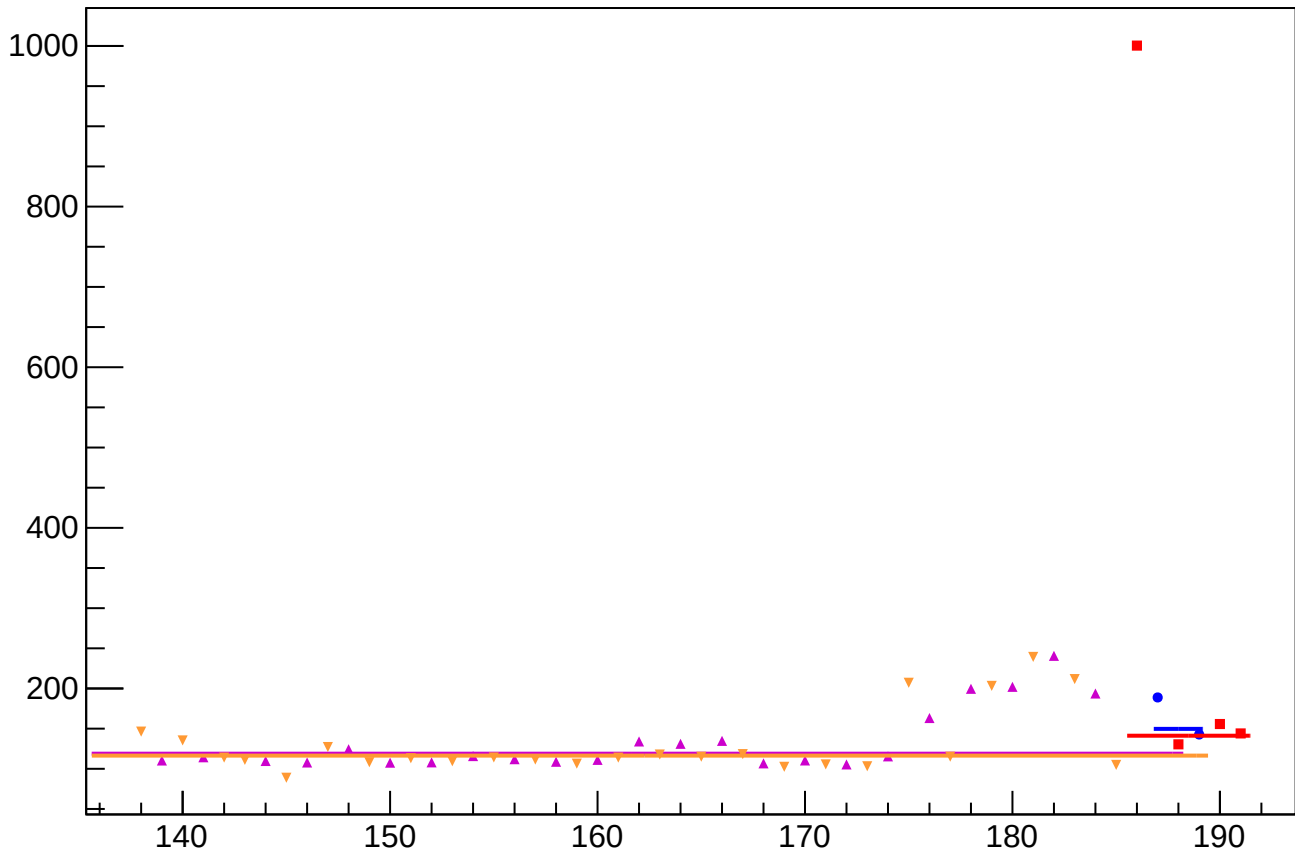
Left In: -59.603 ± 29.184 χ^2/NDF : 25.6/22

+ sign 24.065 ± 27.822 χ^2/NDF : 22.9/26

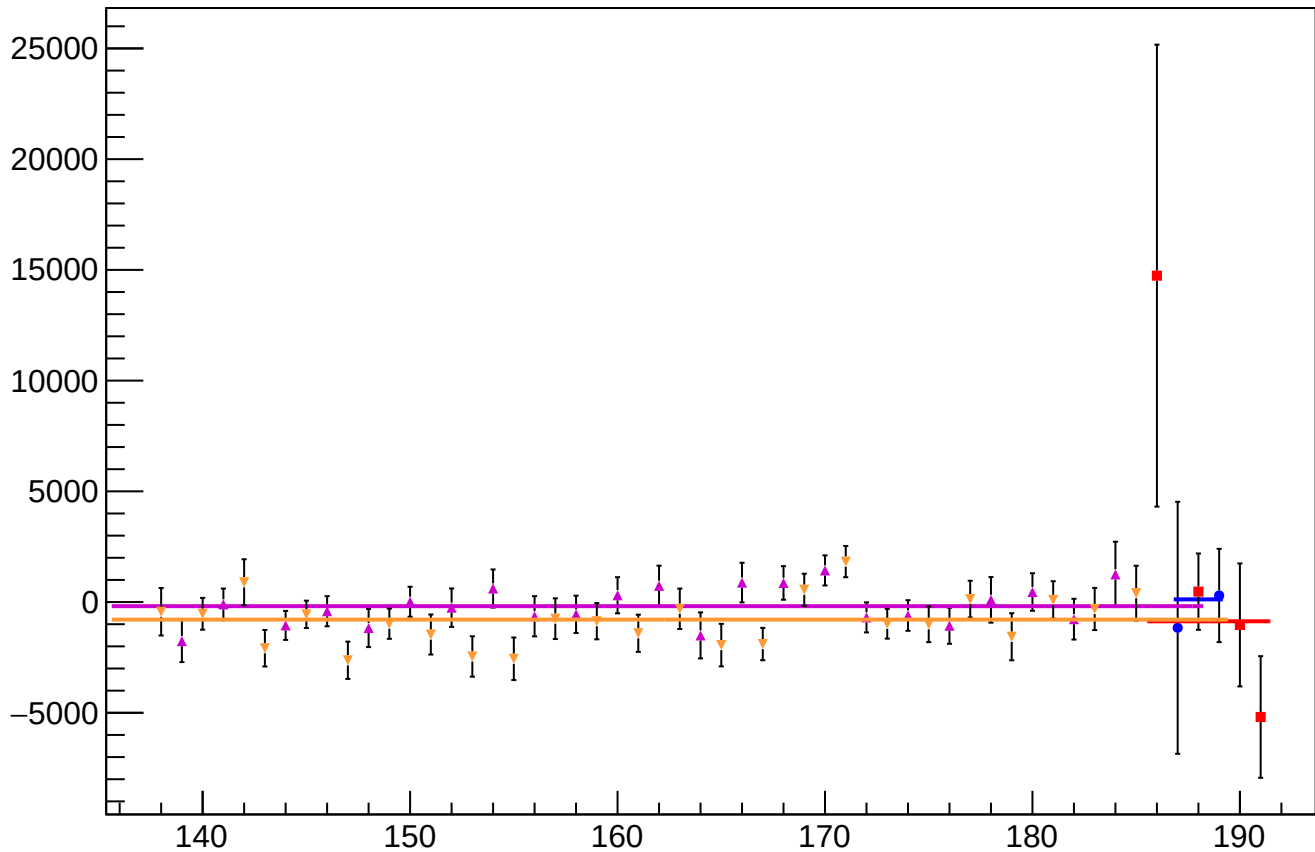
All: -17.921 ± 19.824 χ^2/NDF : 53.3/53

- sign -61.223 ± 28.255 χ^2/NDF : 25.7/26

dit_asym_sam_1548_avg_rms vs Slug



asym_sam_1548_avg_correction_mean vs Slug



Right In: 122.063 $\pm$ 1975.498 χ^2/NDF : 0.1/1

Left Out: -791.963 $\pm$ 165.971 χ^2/NDF : 43.6/24

Right Out: -867.954 $\pm$ 1282.236 χ^2/NDF : 5.3/3

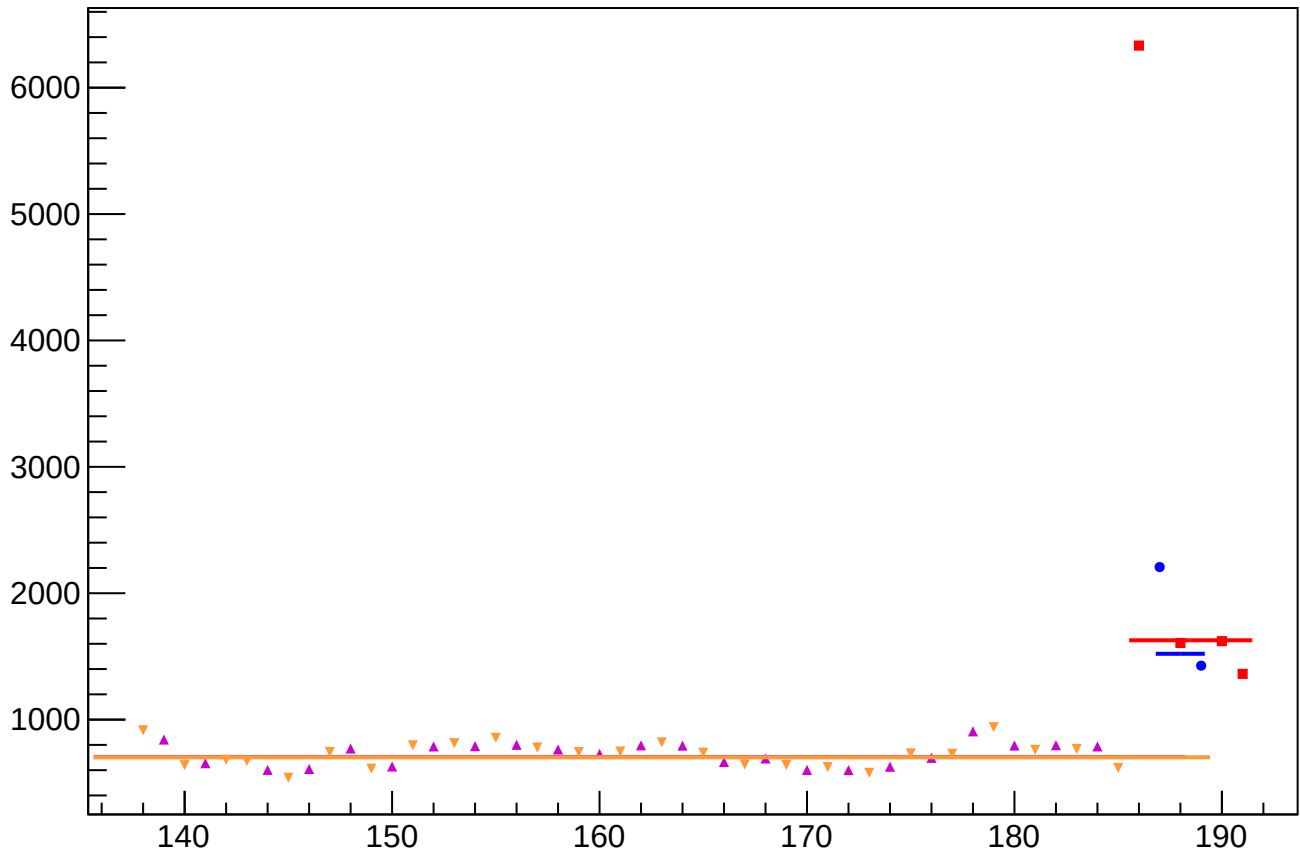
Left In: -185.191 $\pm$ 169.174 χ^2/NDF : 23.4/22

+ sign -785.556 $\pm$ 165.388 χ^2/NDF : 43.9/26

All: -495.337 $\pm$ 117.763 χ^2/NDF : 79.1/53

- sign -196.872 $\pm$ 167.721 χ^2/NDF : 29.0/26

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1520.933 ± 1.397 $\chi^2/\text{NDF}: 33063.5/1$

Left Out: 702.152 ± 0.117 $\chi^2/\text{NDF}: 691552.2/24$

Right Out: 1627.687 ± 0.907 $\chi^2/\text{NDF}: 426110.4/3$

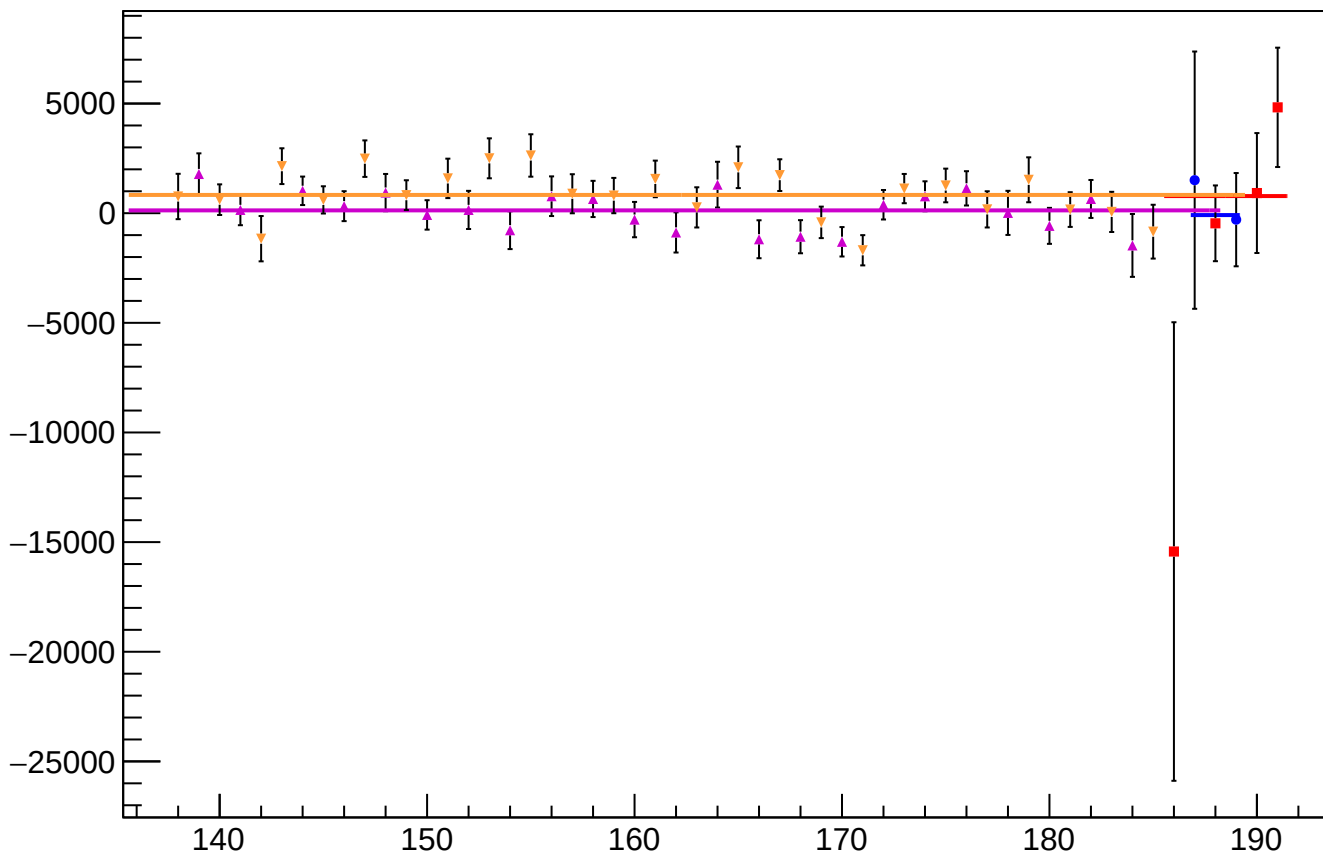
Left In: 703.710 ± 0.120 $\chi^2/\text{NDF}: 533573.3/22$

+ sign 707.891 ± 0.117 $\chi^2/\text{NDF}: 1065775.6/26$

All: 713.623 ± 0.083 $\chi^2/\text{NDF}: 3051088.4/53$

- sign 719.519 ± 0.119 $\chi^2/\text{NDF}: 1980439.1/26$

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: 780.850 ± 1277.304 $\chi^2/\text{NDF}: 5.1/3$

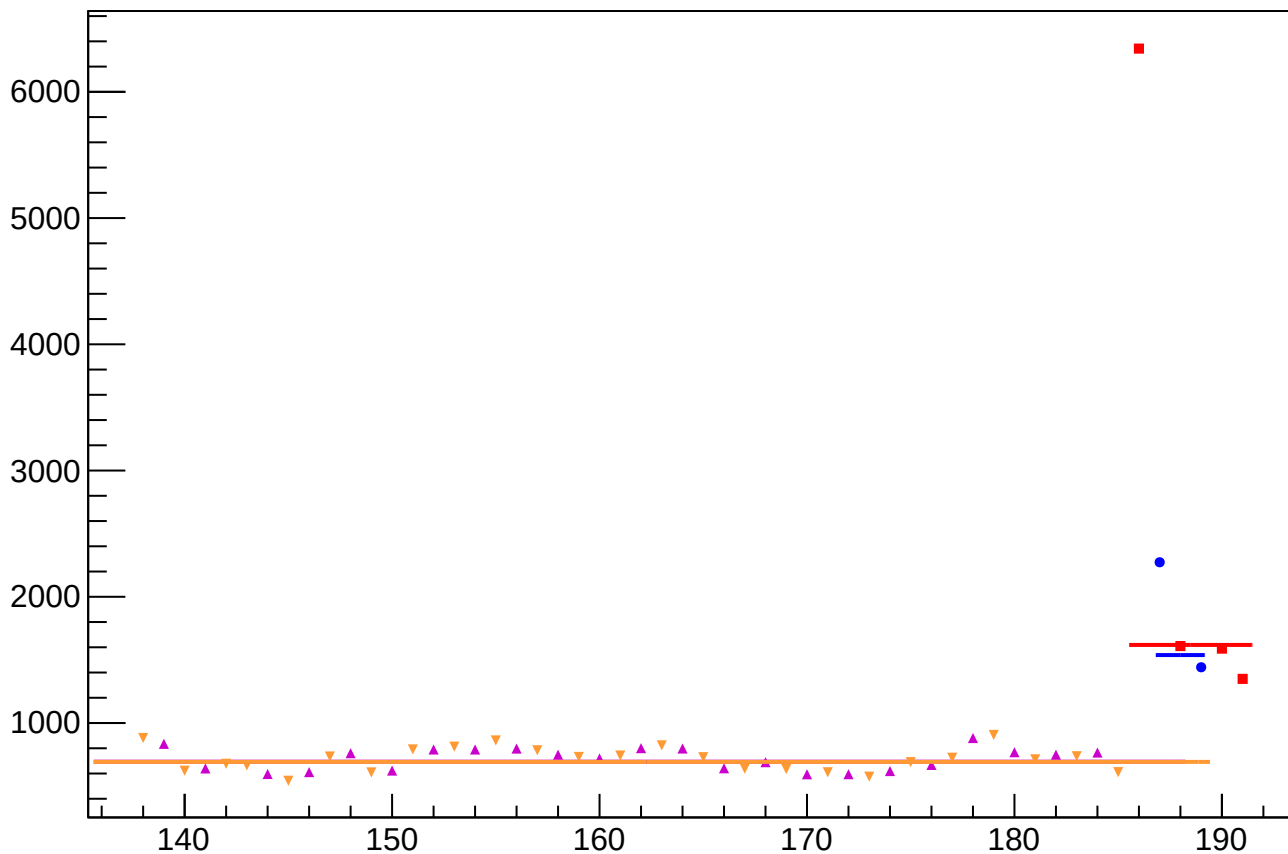
Left In: 128.120 ± 166.866 $\chi^2/\text{NDF}: 25.3/22$

+ sign 826.457 ± 162.885 $\chi^2/\text{NDF}: 44.1/26$

All: 488.155 ± 116.077 $\chi^2/\text{NDF}: 83.5/53$

- sign 139.073 ± 165.460 $\chi^2/\text{NDF}: 30.7/26$

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: 1618.623 $\pm$ 0.903 χ^2 /NDF: 428050.3/3

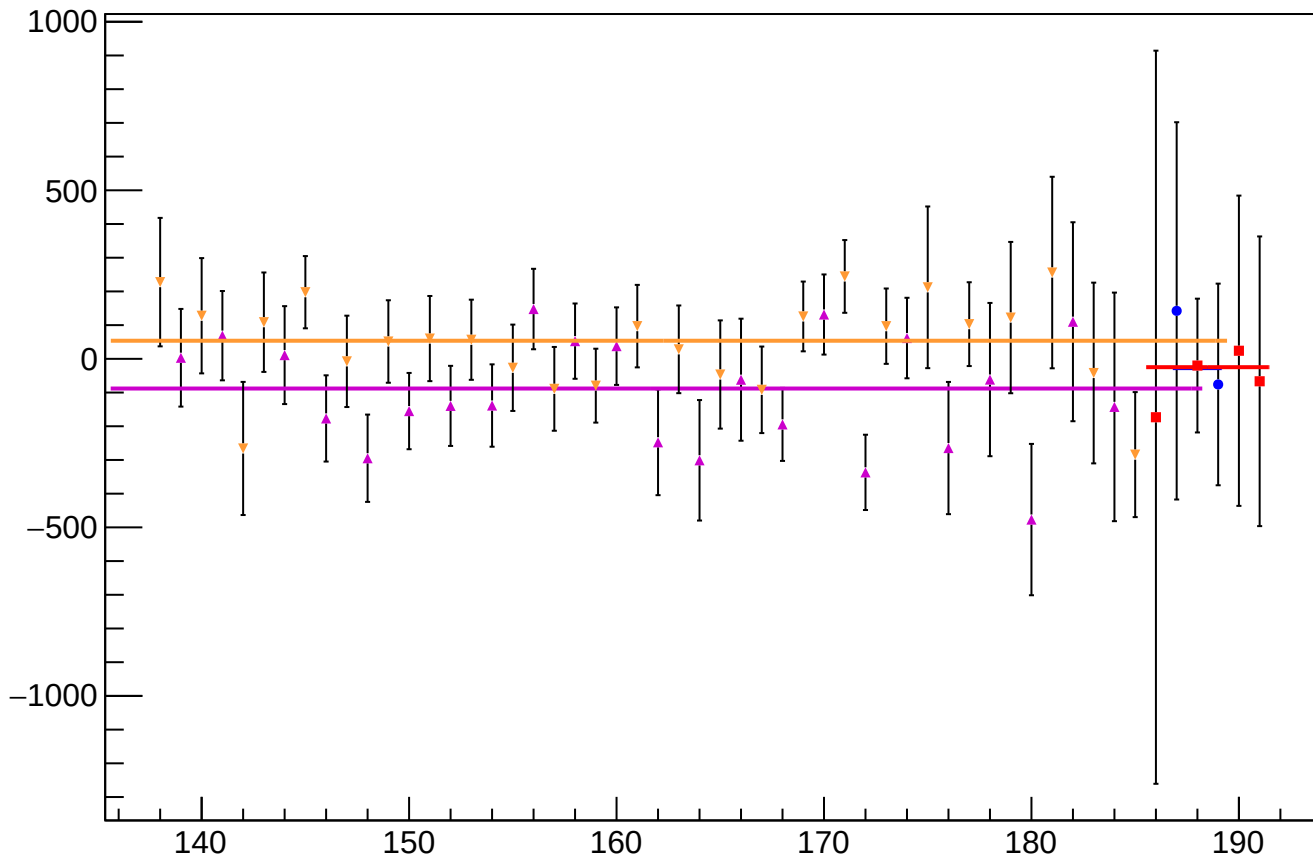
Left In: 693.615 $\pm$ 0.118 χ^2 /NDF: 520692.6/22

+ sign 697.686 $\pm$ 0.115 χ^2 /NDF: 1049003.7/26

All: 703.322 $\pm$ 0.082 χ^2 /NDF: 3033906.7/53

- sign 709.137 $\pm$ 0.117 χ^2 /NDF: 1980038.1/26

dit_asym_sam_3748_avg_mean vs Slug



Right In: -27.494 ± 263.792 χ^2/NDF : 0.1/1

Left Out: 53.701 ± 27.462 χ^2/NDF : 19.2/24

Right Out: -24.743 ± 165.808 χ^2/NDF : 0.0/3

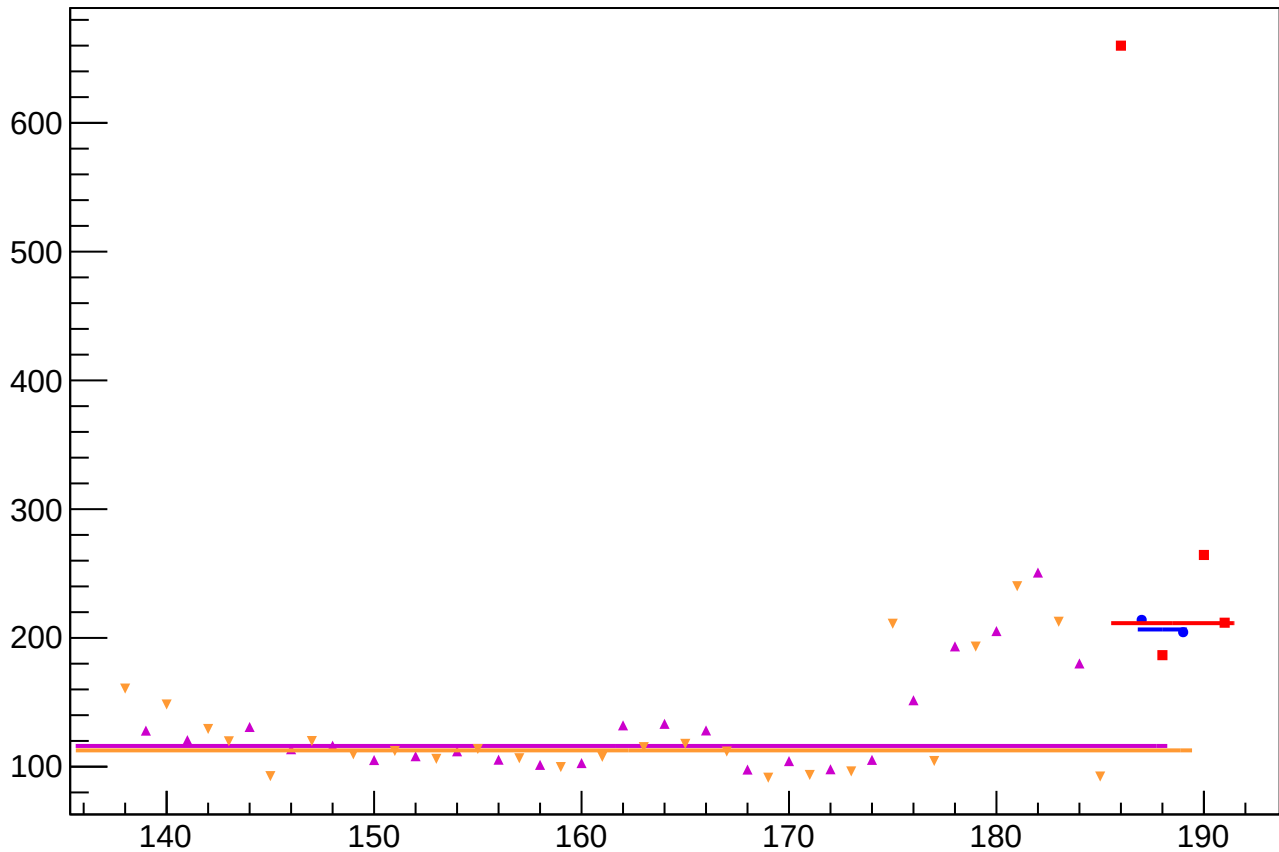
Left In: -88.085 ± 28.764 χ^2/NDF : 30.4/22

+ sign 52.830 ± 27.314 χ^2/NDF : 19.4/26

All: -14.139 ± 19.667 χ^2/NDF : 62.5/53

- sign -86.234 ± 28.340 χ^2/NDF : 30.6/26

dit_asym_sam_3748_avg_rms vs Slug



Right In: 206.569 $\pm$ 0.187 χ^2/NDF : 455.7/1

Left Out: 112.668 $\pm$ 0.019 χ^2/NDF : 1851455.7/24

Right Out: 211.469 $\pm$ 0.117 χ^2/NDF : 398026.7/3

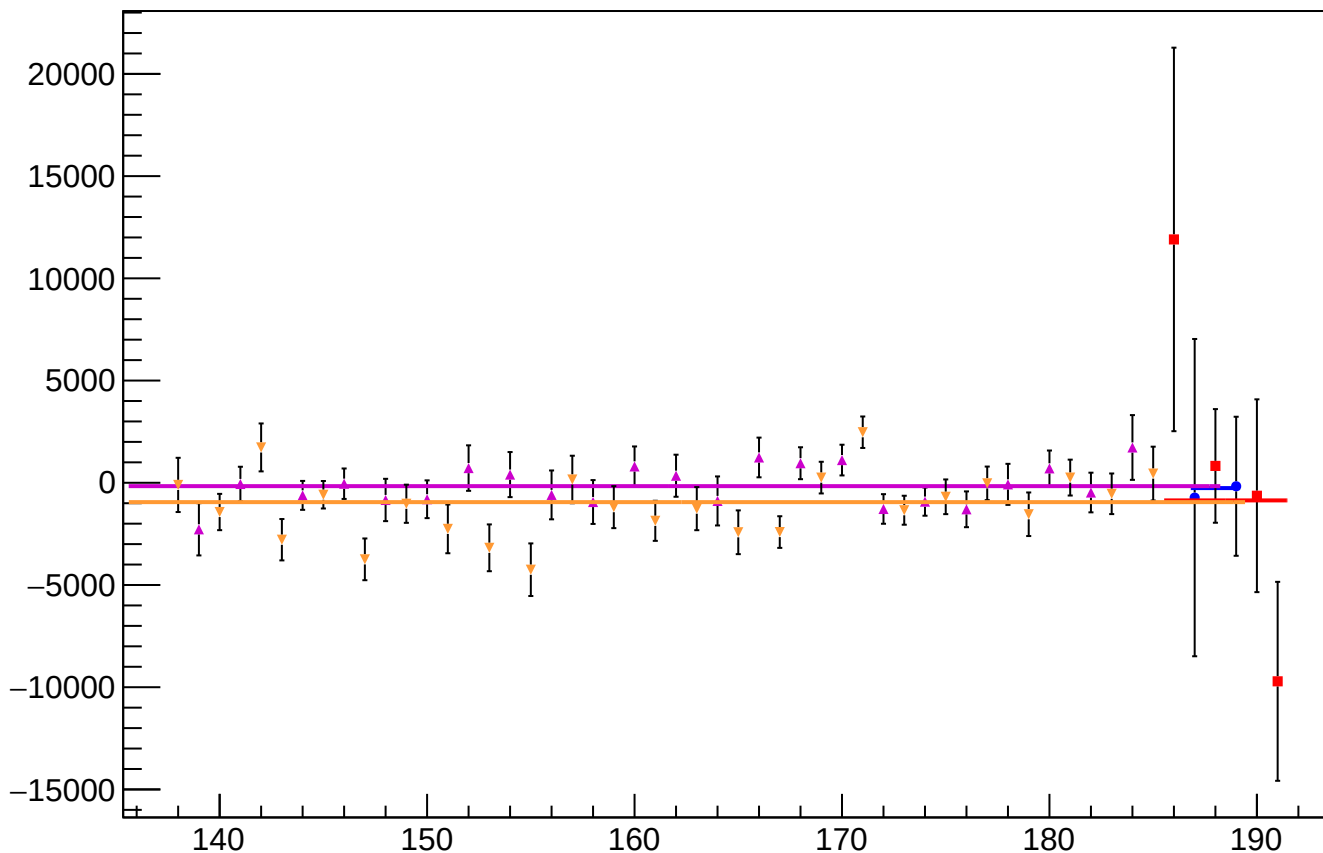
Left In: 116.108 $\pm$ 0.020 χ^2/NDF : 1438879.3/22

+ sign 113.675 $\pm$ 0.019 χ^2/NDF : 2102619.1/26

All: 116.188 $\pm$ 0.014 χ^2/NDF : 4616908.0/53

- sign 118.894 $\pm$ 0.020 χ^2/NDF : 2479128.1/26

asym_sam_3748_avg_correction_mean vs Slug



Right In: -259.977 ± 3114.737 χ^2/NDF : 0.0/1

Left Out: -946.412 ± 188.668 χ^2/NDF : 63.3/24

Right Out: -862.132 ± 2094.204 χ^2/NDF : 5.5/3

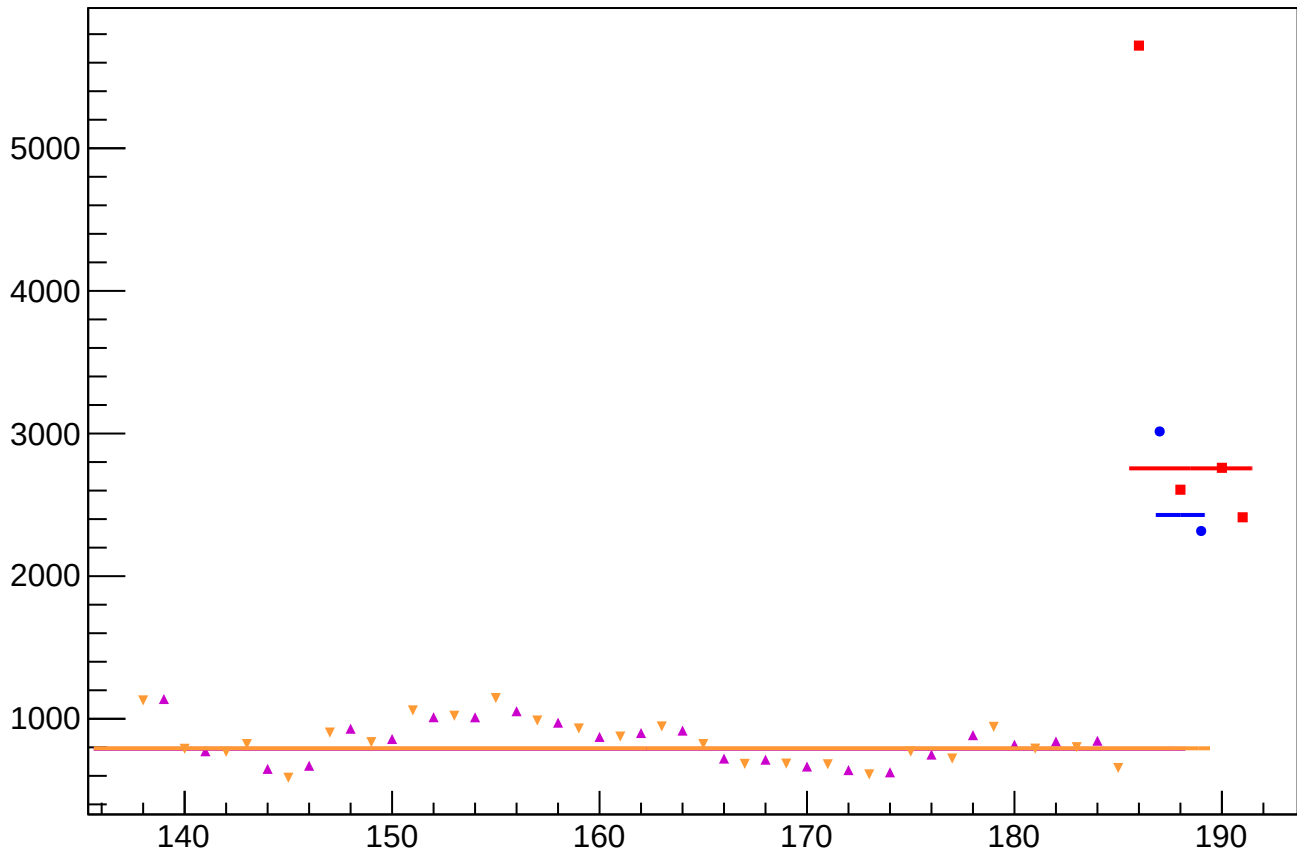
Left In: -164.202 ± 191.131 χ^2/NDF : 22.0/22

+ sign -943.903 ± 188.323 χ^2/NDF : 63.4/26

All: -561.057 ± 133.872 χ^2/NDF : 99.4/53

- sign -169.967 ± 190.340 χ^2/NDF : 27.7/26

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2429.118 $\pm$ 2.202 χ^2 /NDF: 13571.3/1

Left Out: 793.154 $\pm$ 0.133 χ^2 /NDF: 1158856.1/24

Right Out: 2755.766 $\pm$ 1.481 χ^2 /NDF: 215425.9/3

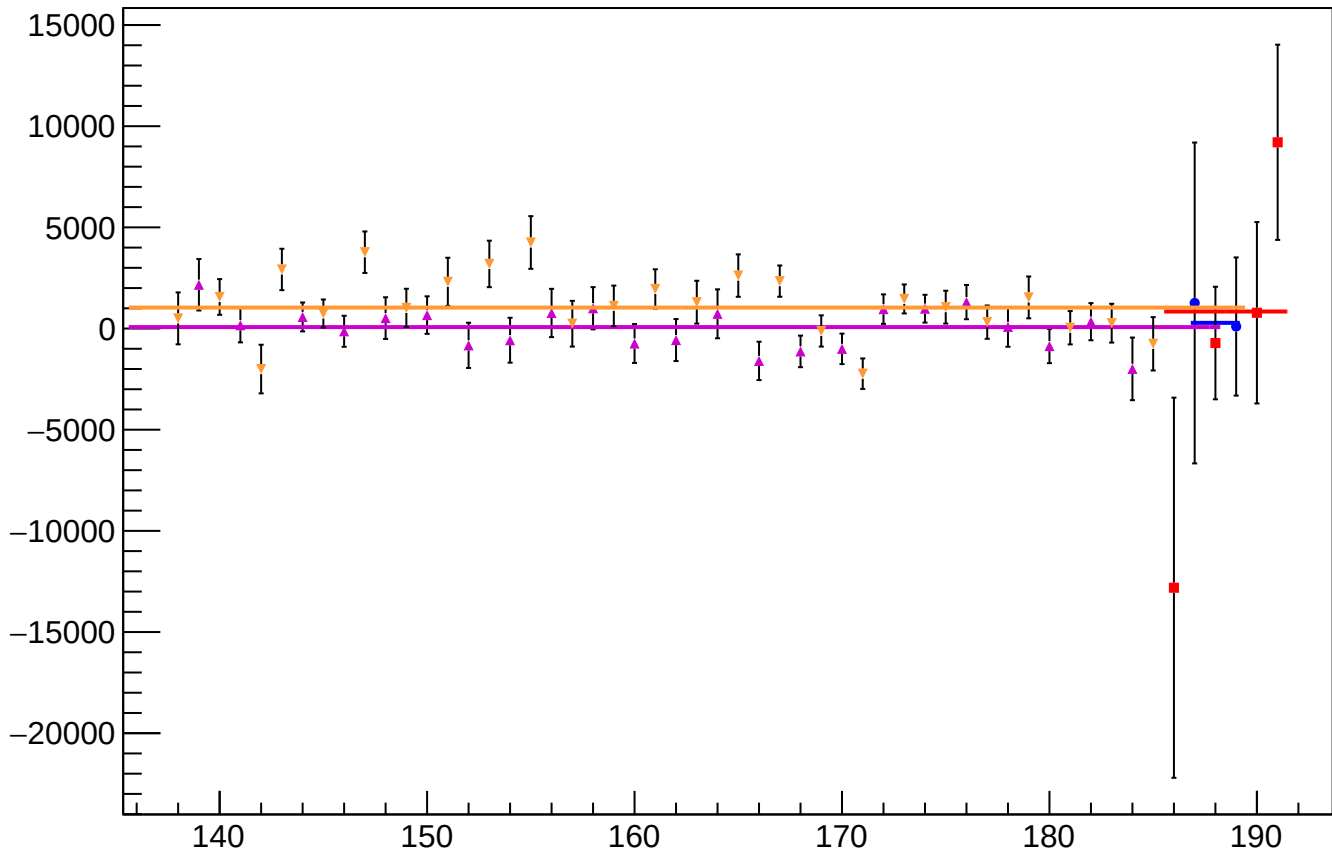
Left In: 789.699 $\pm$ 0.135 χ^2 /NDF: 1019959.0/22

+ sign 799.135 $\pm$ 0.133 χ^2 /NDF: 1722150.8/26

All: 802.501 $\pm$ 0.095 χ^2 /NDF: 4707007.3/53

- sign 805.940 $\pm$ 0.135 χ^2 /NDF: 2983564.6/26

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: 841.309 ± 2070.009 χ^2/NDF : 5.4/3

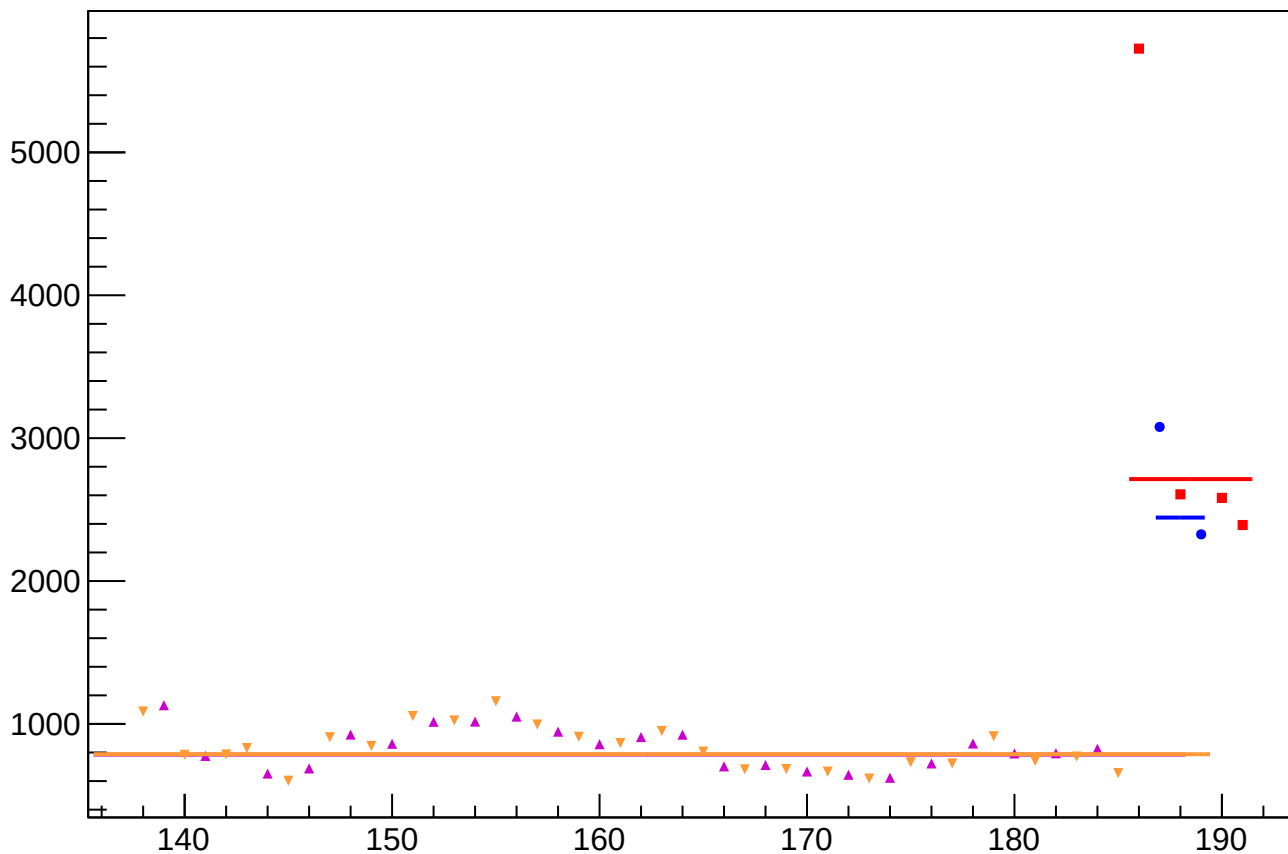
Left In: 70.852 ± 190.155 χ^2/NDF : 23.4/22

+ sign 1032.925 ± 186.911 χ^2/NDF : 61.4/26

All: 561.327 ± 133.023 χ^2/NDF : 103.3/53

- sign 77.299 ± 189.358 χ^2/NDF : 29.0/26

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: 2713.474+/-1.464 χ^2/NDF : 219258.5/3

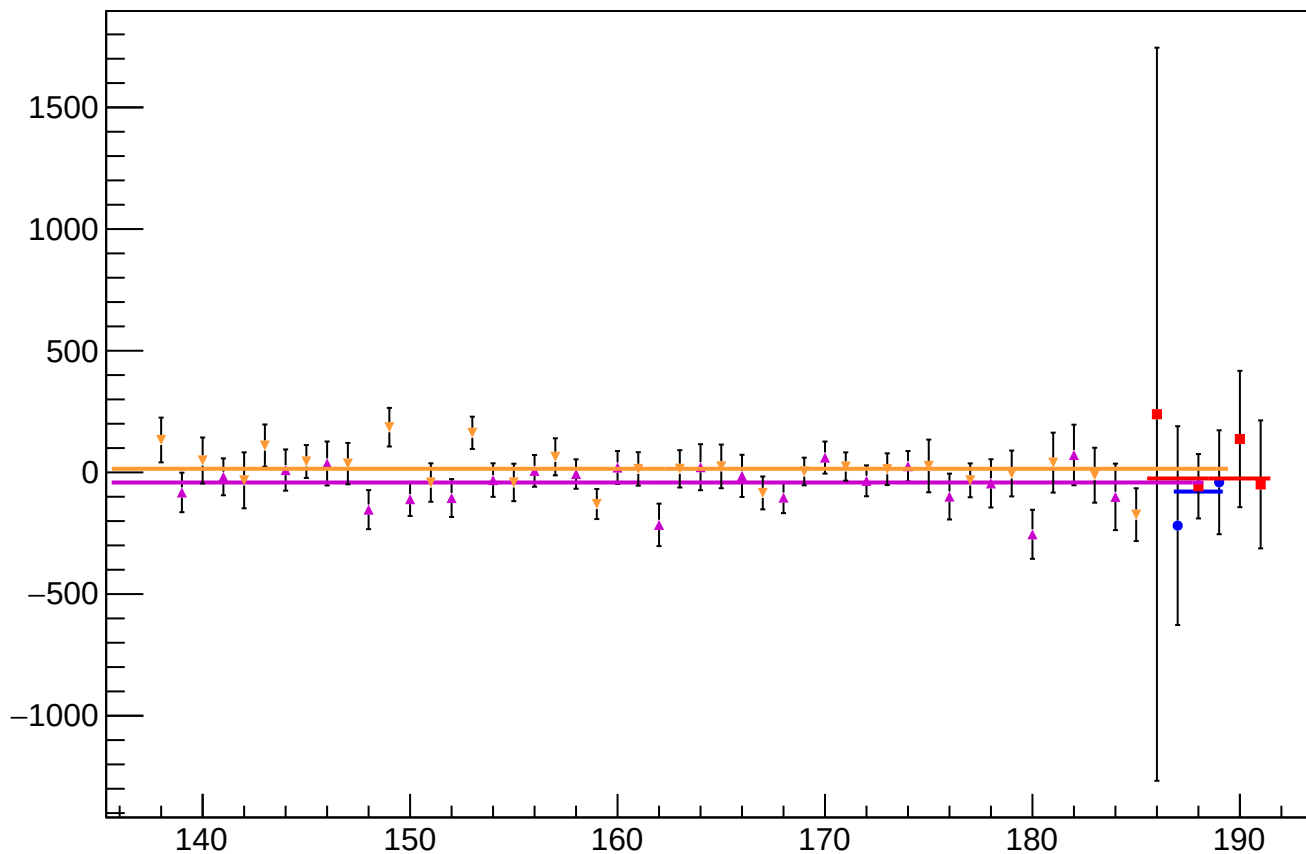
Left In: 785.179+/-0.134 χ^2/NDF : 976942.0/22

+ sign 793.862+/-0.132 χ^2/NDF : 1684791.4/26

All: 797.540+/-0.094 χ^2/NDF : 4603568.4/53

- sign 801.315+/-0.134 χ^2/NDF : 2917207.7/26

dit_asym_sam_1526_avg_mean vs Slug



Right In: -78.721 ± 189.247 χ^2/NDF : 0.1/1

Left Out: 14.879 ± 15.529 χ^2/NDF : 25.8/24

Right Out: -24.896 ± 108.581 χ^2/NDF : 0.4/3

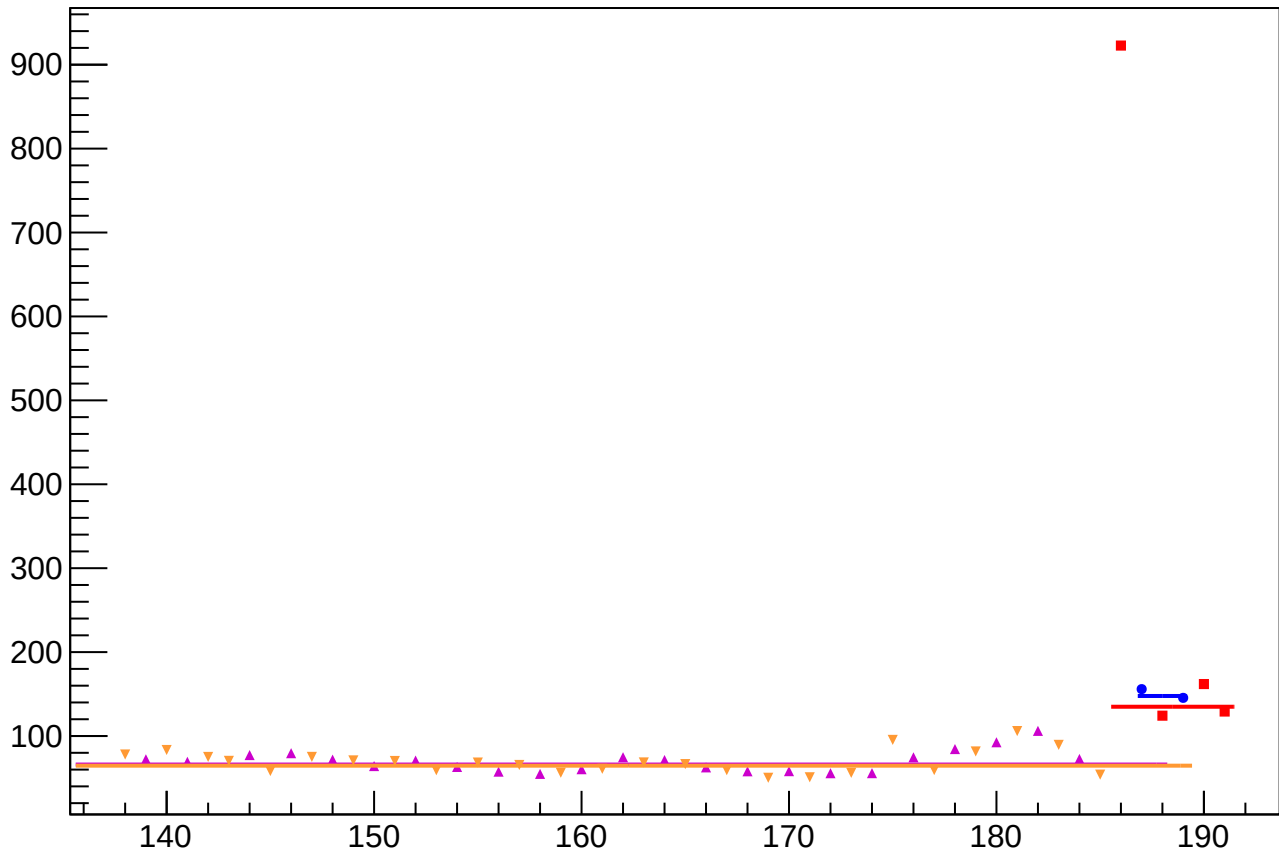
Left In: -41.428 ± 16.130 χ^2/NDF : 21.7/22

+ sign 14.253 ± 15.477 χ^2/NDF : 26.2/26

All: -12.568 ± 11.109 χ^2/NDF : 54.6/53

- sign -41.071 ± 15.955 χ^2/NDF : 22.1/26

dit_asym_sam_1526_avg_rms vs Slug



Right In: 147.718+/-0.134 χ^2/NDF : 1018.9/1

Left Out: 64.680+/-0.011 χ^2/NDF : 1150386.4/24

Right Out: 134.903+/-0.077 χ^2/NDF : 579686.9/3

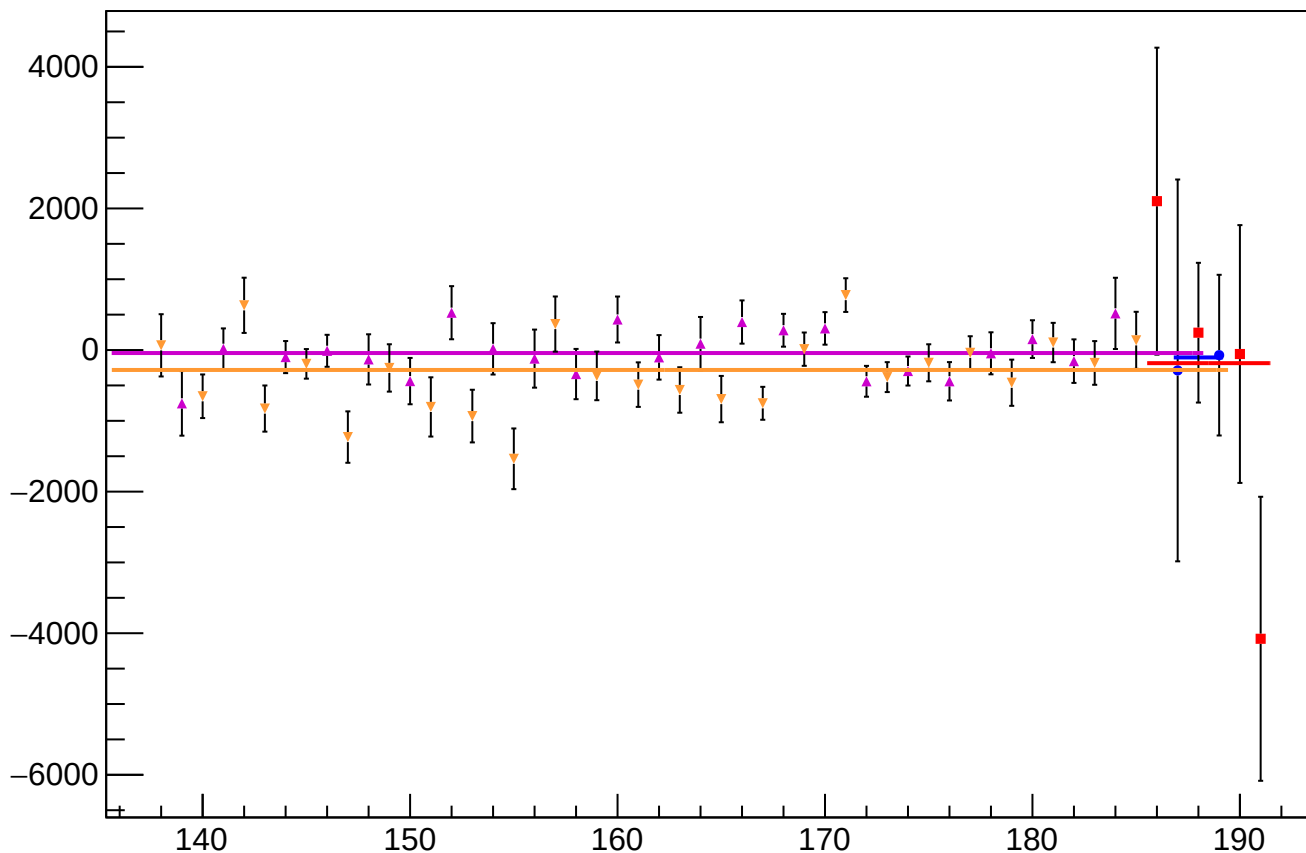
Left In: 66.016+/-0.011 χ^2/NDF : 868433.2/22

+ sign 65.235+/-0.011 χ^2/NDF : 1533885.6/26

All: 66.335+/-0.008 χ^2/NDF : 3790443.9/53

- sign 67.503+/-0.011 χ^2/NDF : 2235734.8/26

asym_sam_1526_avg_correction_mean vs Slug



Right In: -104.651 ± 1046.011 χ^2/NDF : 0.0/1

Left Out: -281.407 ± 59.534 χ^2/NDF : 66.5/24

Right Out: -185.323 ± 747.527 χ^2/NDF : 5.1/3

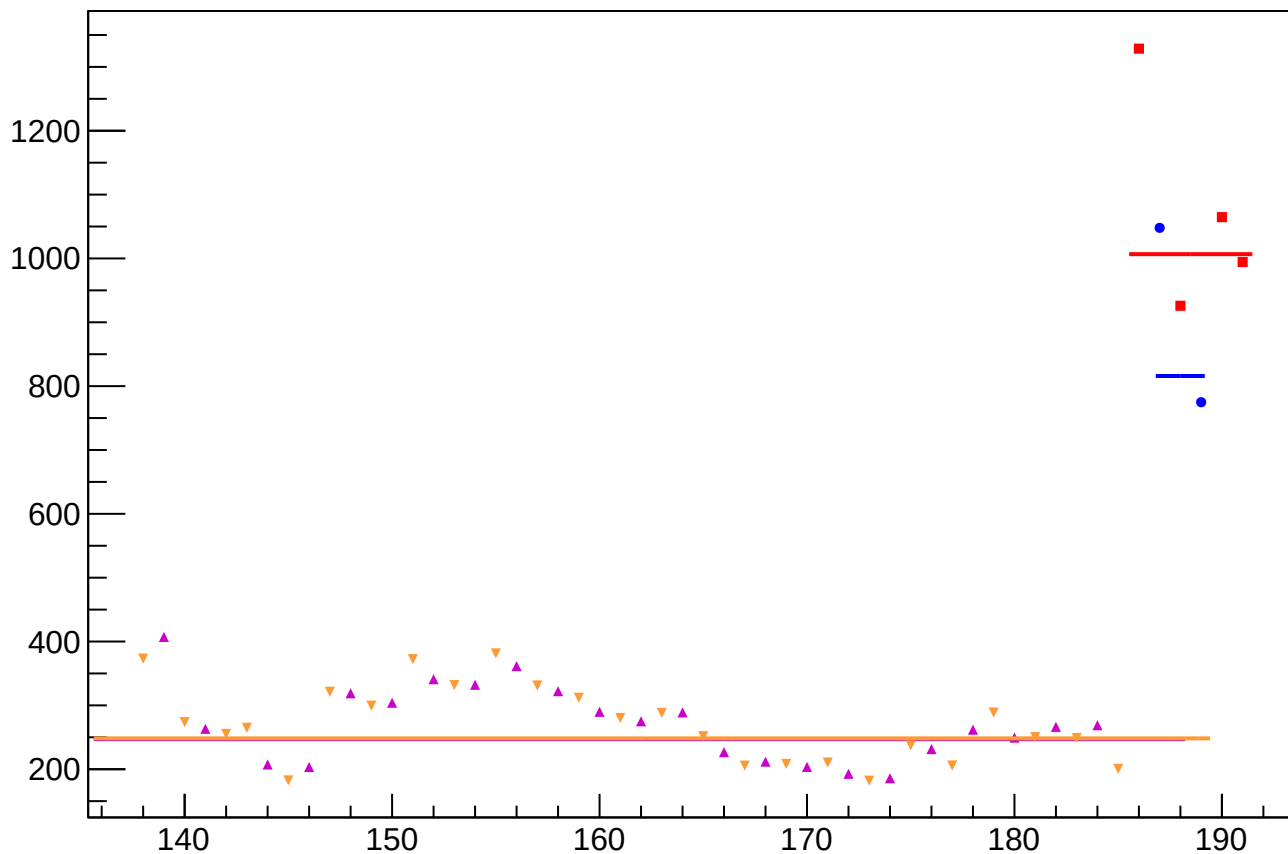
Left In: -42.368 ± 60.284 χ^2/NDF : 24.7/22

+ sign -280.836 ± 59.438 χ^2/NDF : 66.5/26

All: -163.358 ± 42.257 χ^2/NDF : 104.2/53

- sign -43.292 ± 60.089 χ^2/NDF : 29.8/26

asym_sam_1526_avg_correction_rms vs Slug



Right In: 815.899 $\pm$ 0.740 χ^2 /NDF: 17427.5/1

Left Out: 248.297 $\pm$ 0.042 χ^2 /NDF: 1687698.9/24

Right Out: 1006.682 $\pm$ 0.529 χ^2 /NDF: 59594.0/3

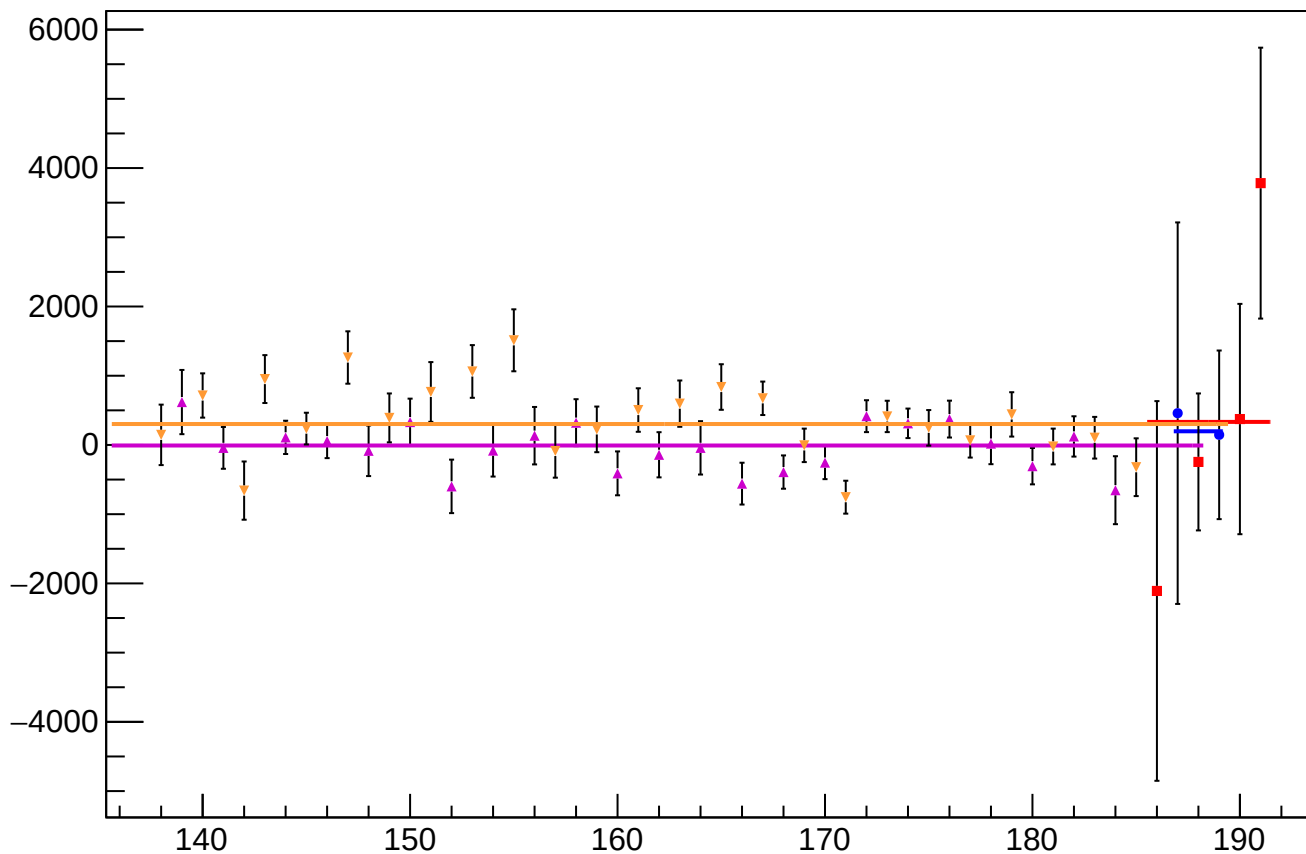
Left In: 247.105 $\pm$ 0.043 χ^2 /NDF: 1539330.1/22

+ sign 250.129 $\pm$ 0.042 χ^2 /NDF: 2292131.2/26

All: 251.061 $\pm$ 0.030 χ^2 /NDF: 5943701.7/53

- sign 252.014 $\pm$ 0.042 χ^2 /NDF: 3650576.7/26

asym_sam_1526_avg_mean vs Slug



Right In: 197.403 $\pm$ 1113.925 χ^2 /NDF: 0.0/1

Left Out: 302.420 $\pm$ 60.991 χ^2 /NDF:63.8/24

Right Out: 333.095 $\pm$ 750.114 χ^2 /NDF: 4.2/3

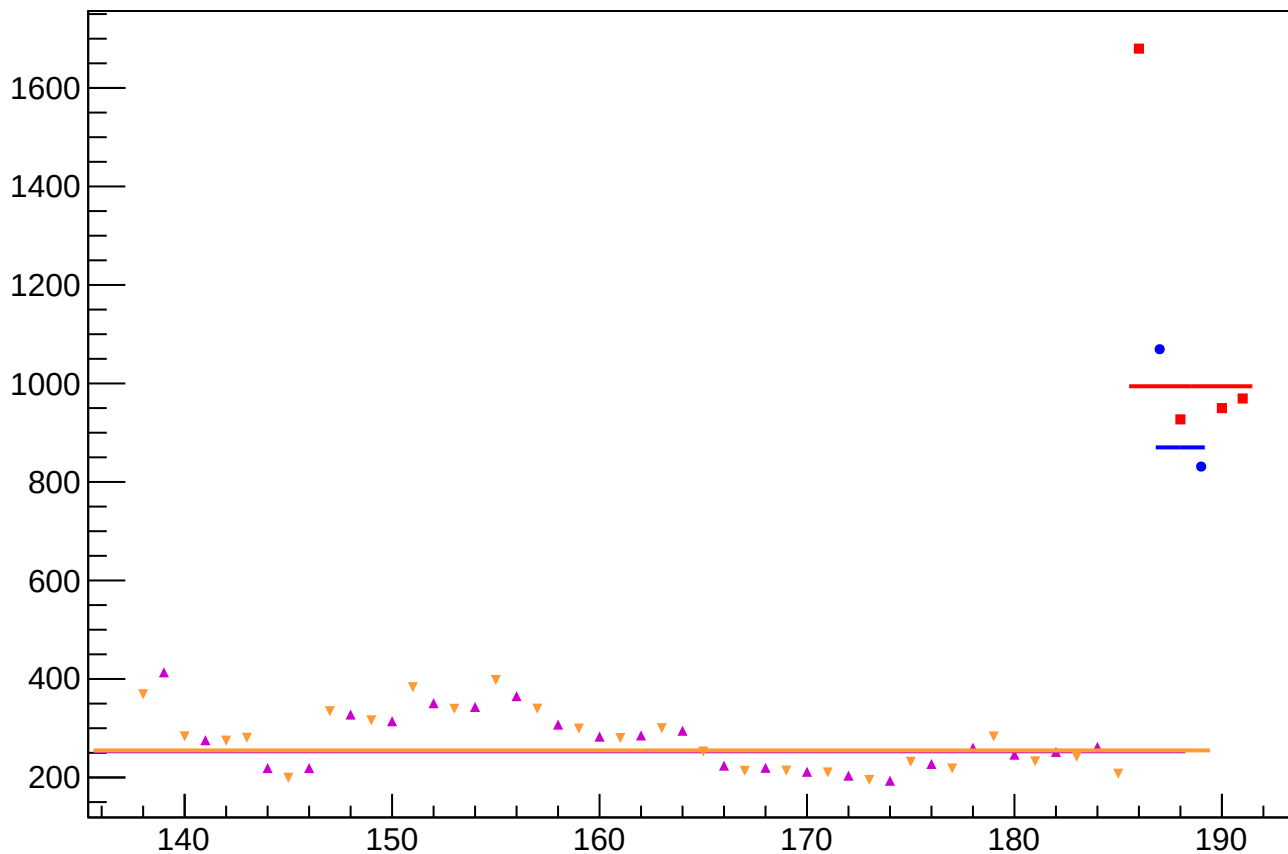
Left In: -7.915 $\pm$ 61.726 χ^2 /NDF:26.3/22

+ sign 302.106 $\pm$ 60.899 χ^2 /NDF: 63.9/26

All: 149.797 $\pm$ 43.279 χ^2 /NDF: 107.2/53

- sign -5.621 $\pm$ 61.518 χ^2 /NDF: 30.7/26

asym_sam_1526_avg_rms vs Slug



Right In: 870.176 $\pm$ 0.788 χ^2/NDF : 12510.1/1

Left Out: 254.937 $\pm$ 0.043 χ^2/NDF : 1541708.7/24

Right Out: 994.294 $\pm$ 0.530 χ^2/NDF : 135946.6/3

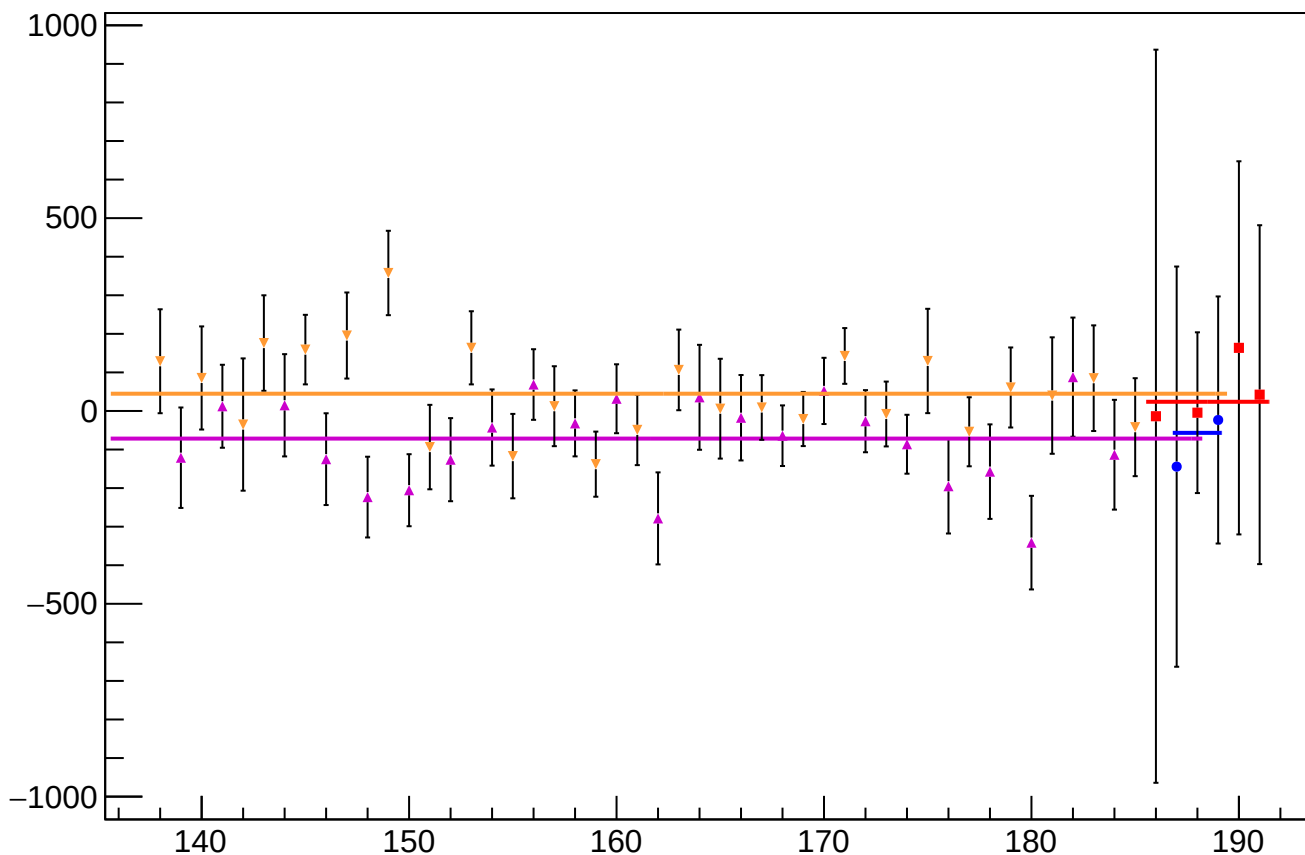
Left In: 253.170 $\pm$ 0.044 χ^2/NDF : 1366527.6/22

+ sign 256.776 $\pm$ 0.043 χ^2/NDF : 2162501.2/26

All: 257.459 $\pm$ 0.031 χ^2/NDF : 5604699.4/53

- sign 258.155 $\pm$ 0.043 χ^2/NDF : 3441691.1/26

dit_asym_sam_3726_avg_mean vs Slug



Right In: -56.761 ± 272.577 χ^2/NDF : 0.0/1

Left Out: 44.746 ± 20.460 χ^2/NDF : 30.5/24

Right Out: 23.826 ± 172.567 χ^2/NDF : 0.1/3

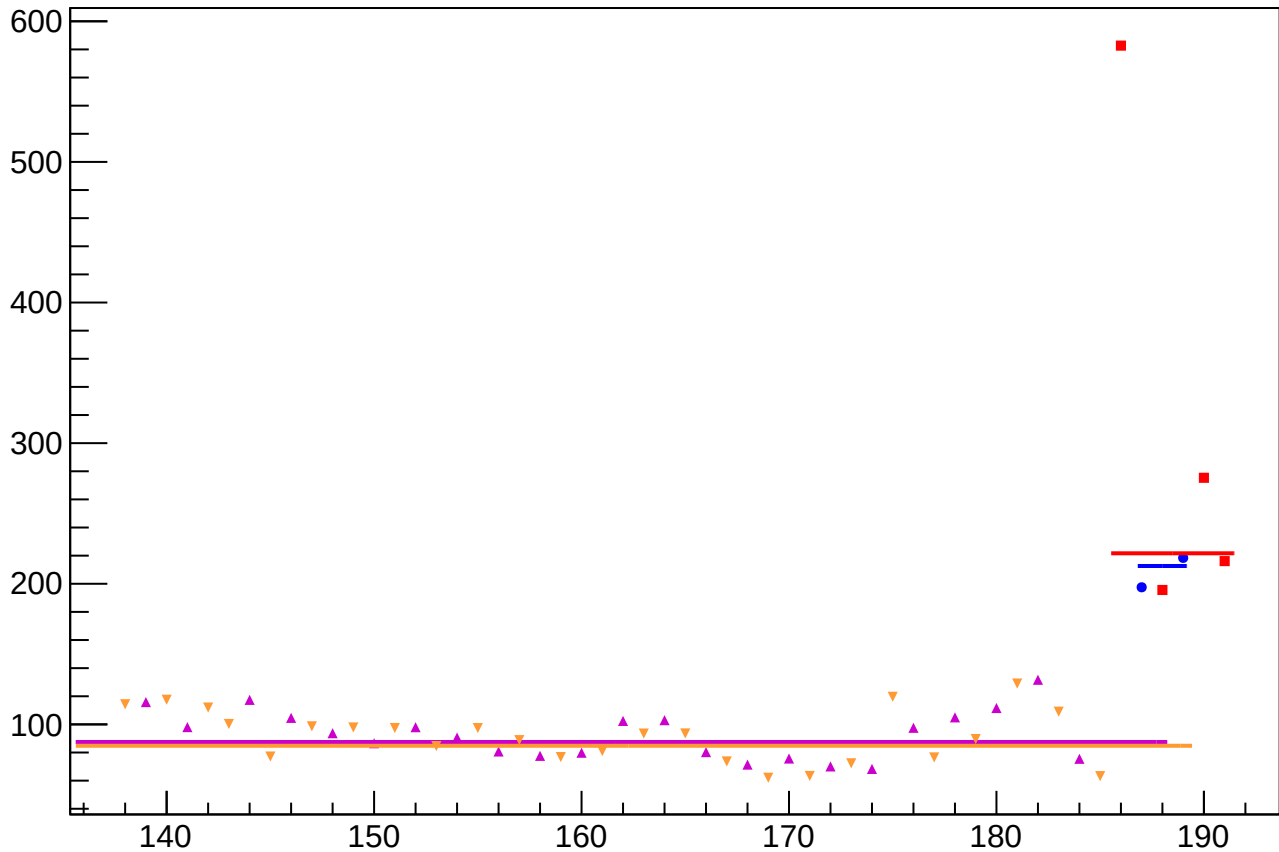
Left In: -71.620 ± 21.469 χ^2/NDF : 23.7/22

+ sign 44.177 ± 20.402 χ^2/NDF : 30.7/26

All: -10.521 ± 14.735 χ^2/NDF : 69.8/53

- sign -70.166 ± 21.305 χ^2/NDF : 24.1/26

dit_asym_sam_3726_avg_rms vs Slug



Right In: 212.645 $\pm$ 0.193 χ^2 /NDF: 2350.5/1

Left Out: 84.793 $\pm$ 0.014 χ^2 /NDF:1382881.3/24

Right Out: 221.670 $\pm$ 0.122 χ^2 /NDF: 344814.2/3

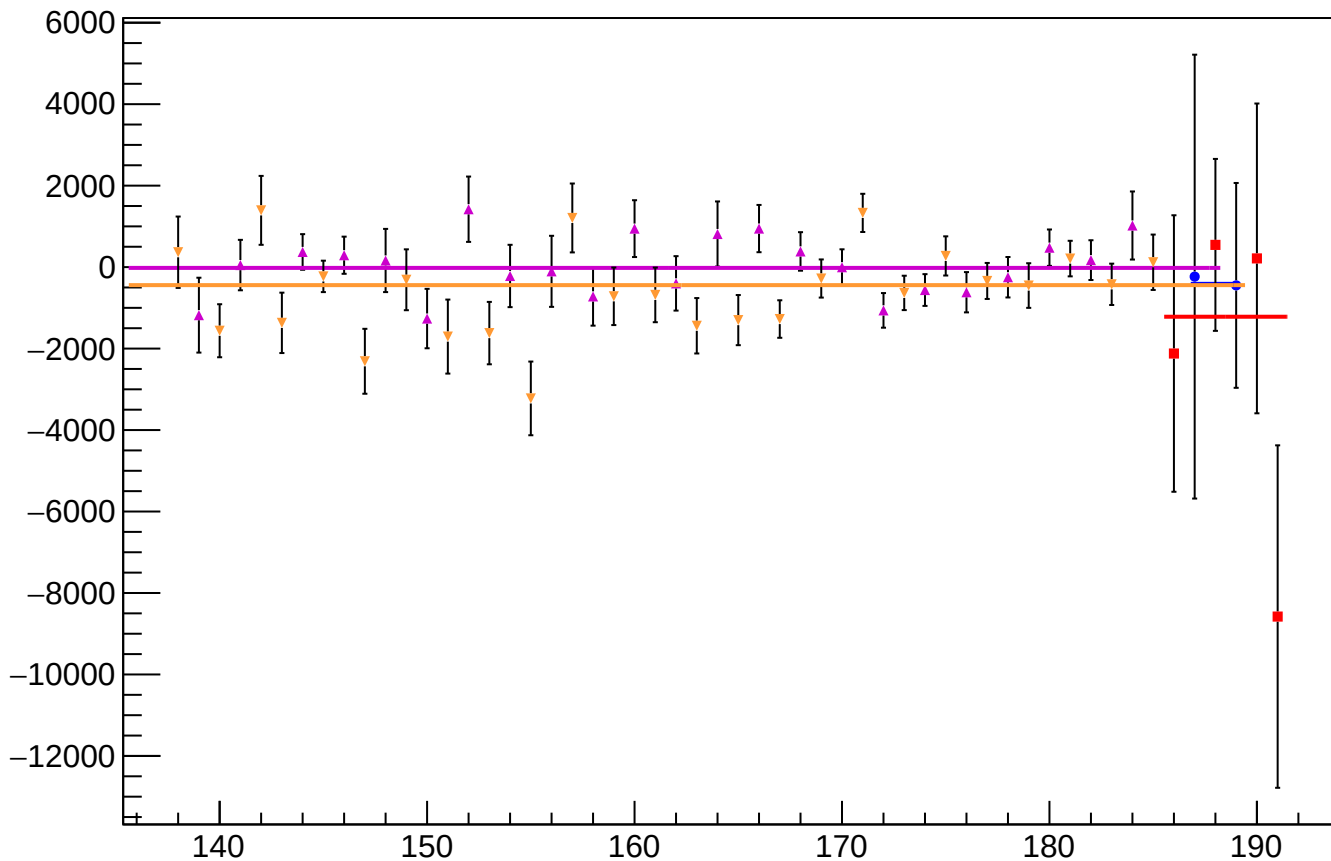
Left In: 87.477 $\pm$ 0.015 χ^2 /NDF:1056450.2/22

+ sign 85.509 $\pm$ 0.014 χ^2 /NDF: 1822785.7/26

All: 87.429 $\pm$ 0.010 χ^2 /NDF: 4452054.8/53

- sign 89.523 $\pm$ 0.015 χ^2 /NDF: 2592242.9/26

asym_sam_3726_avg_correction_mean vs Slug



Right In: -410.975 ± 2282.950 χ^2/NDF : 0.0/1

Left Out: -442.284 ± 115.425 χ^2/NDF : 60.9/24

Right Out: -1218.031 ± 1512.571 χ^2/NDF : 4.0/3

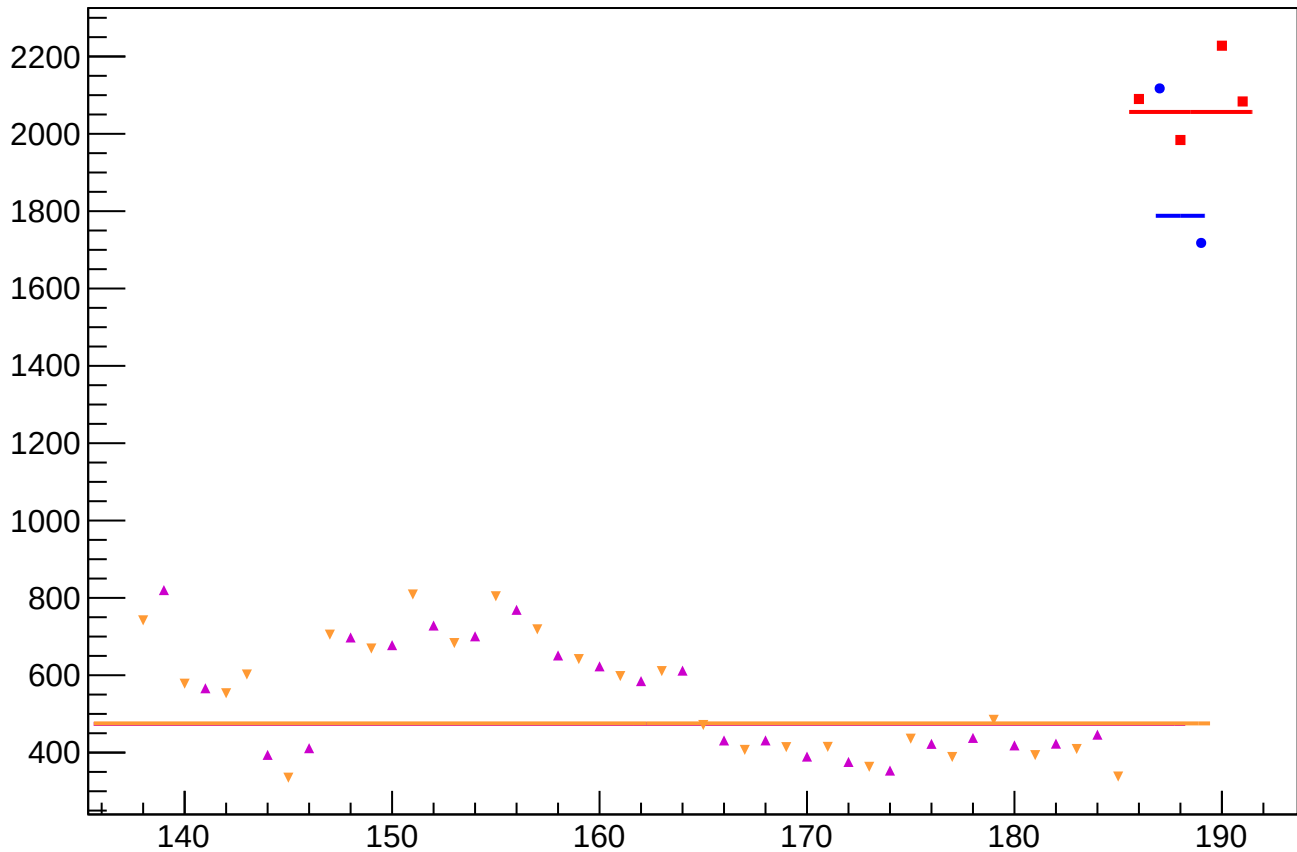
Left In: -19.322 ± 116.820 χ^2/NDF : 29.5/22

+ sign -442.205 ± 115.278 χ^2/NDF : 60.9/26

All: -236.463 ± 81.933 χ^2/NDF : 101.5/53

- sign -26.429 ± 116.474 χ^2/NDF : 34.1/26

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1788.056 $\pm$ 1.614 χ^2 /NDF: 8868.1/1

Left Out: 475.415 $\pm$ 0.082 χ^2 /NDF: 2509706.1/24

Right Out: 2056.583 $\pm$ 1.070 χ^2 /NDF: 6699.9/3

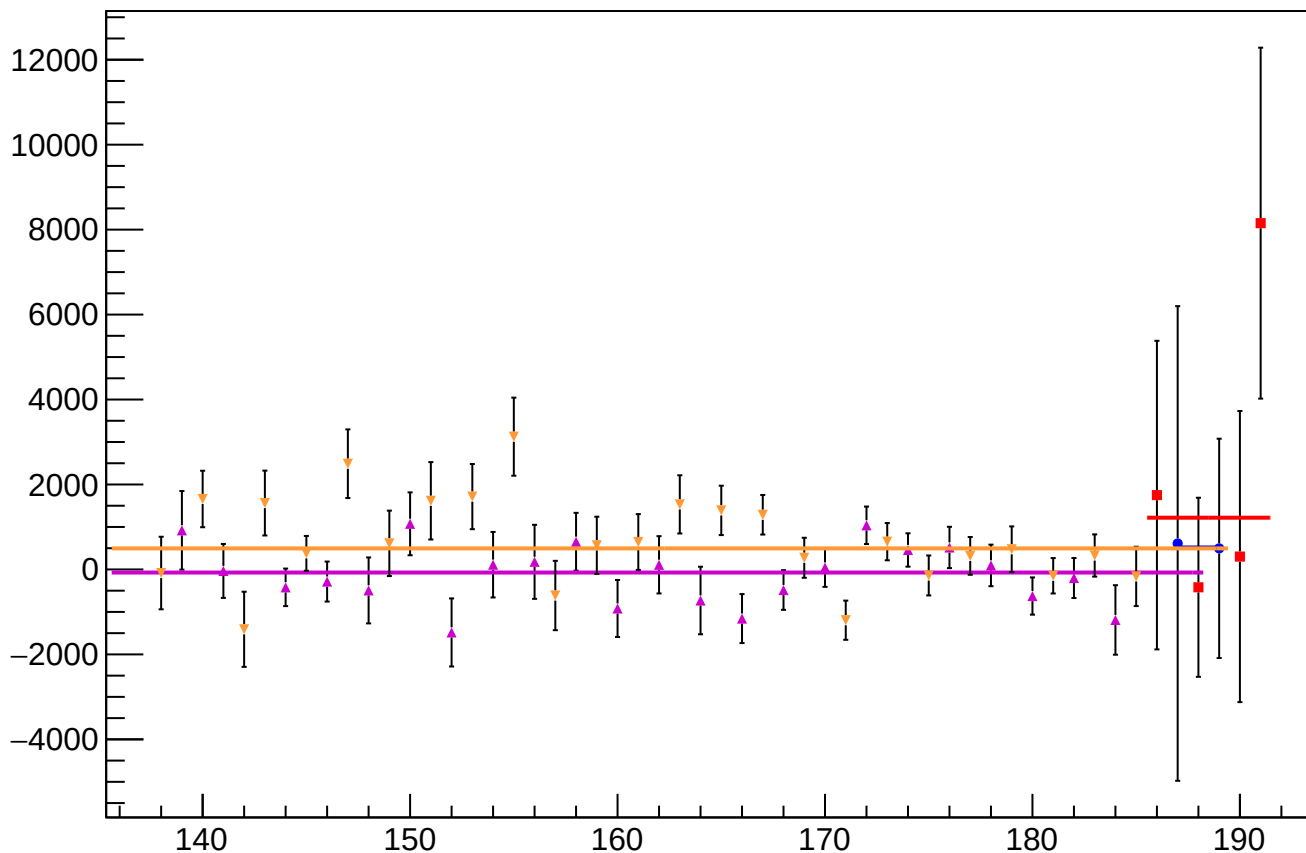
Left In: 473.947 $\pm$ 0.083 χ^2 /NDF: 2174476.6/22

+ sign 478.762 $\pm$ 0.082 χ^2 /NDF: 3178082.4/26

All: 481.023 $\pm$ 0.058 χ^2 /NDF: 7537410.5/53

- sign 483.331 $\pm$ 0.082 χ^2 /NDF: 4357773.5/26

asym_sam_3726_avg_mean vs Slug



Right In: 516.559 ± 2343.083 χ^2/NDF : 0.0/1

Left Out: 495.259 ± 115.521 χ^2/NDF : 57.2/24

Right Out: 1218.252 ± 1499.773 χ^2/NDF : 3.5/3

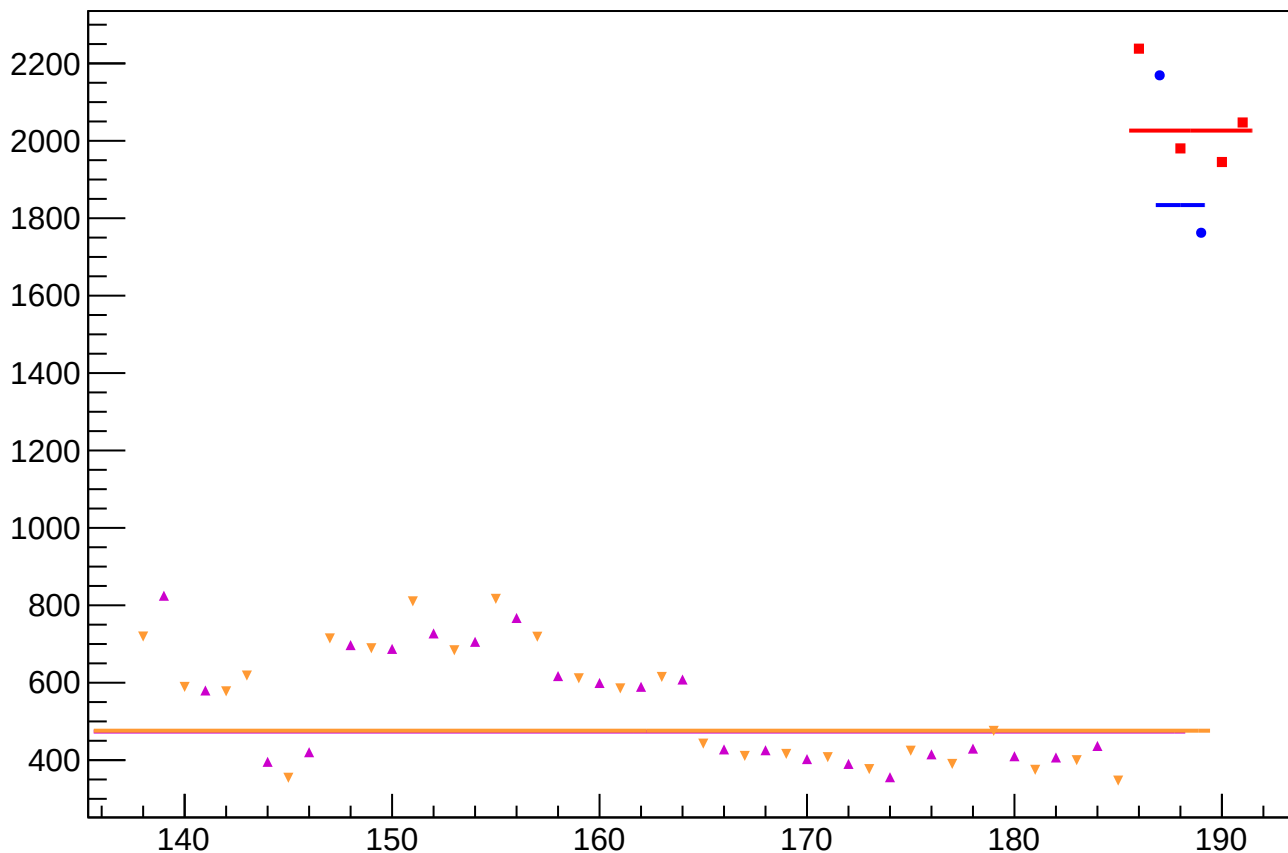
Left In: -72.627 ± 116.927 χ^2/NDF : 29.1/22

+ sign 495.311 ± 115.381 χ^2/NDF : 57.2/26

All: 218.120 ± 82.005 χ^2/NDF : 102.1/53

- sign -64.828 ± 116.573 χ^2/NDF : 33.3/26

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: 2026.438+/-1.060 χ^2/NDF : 8918.8/3

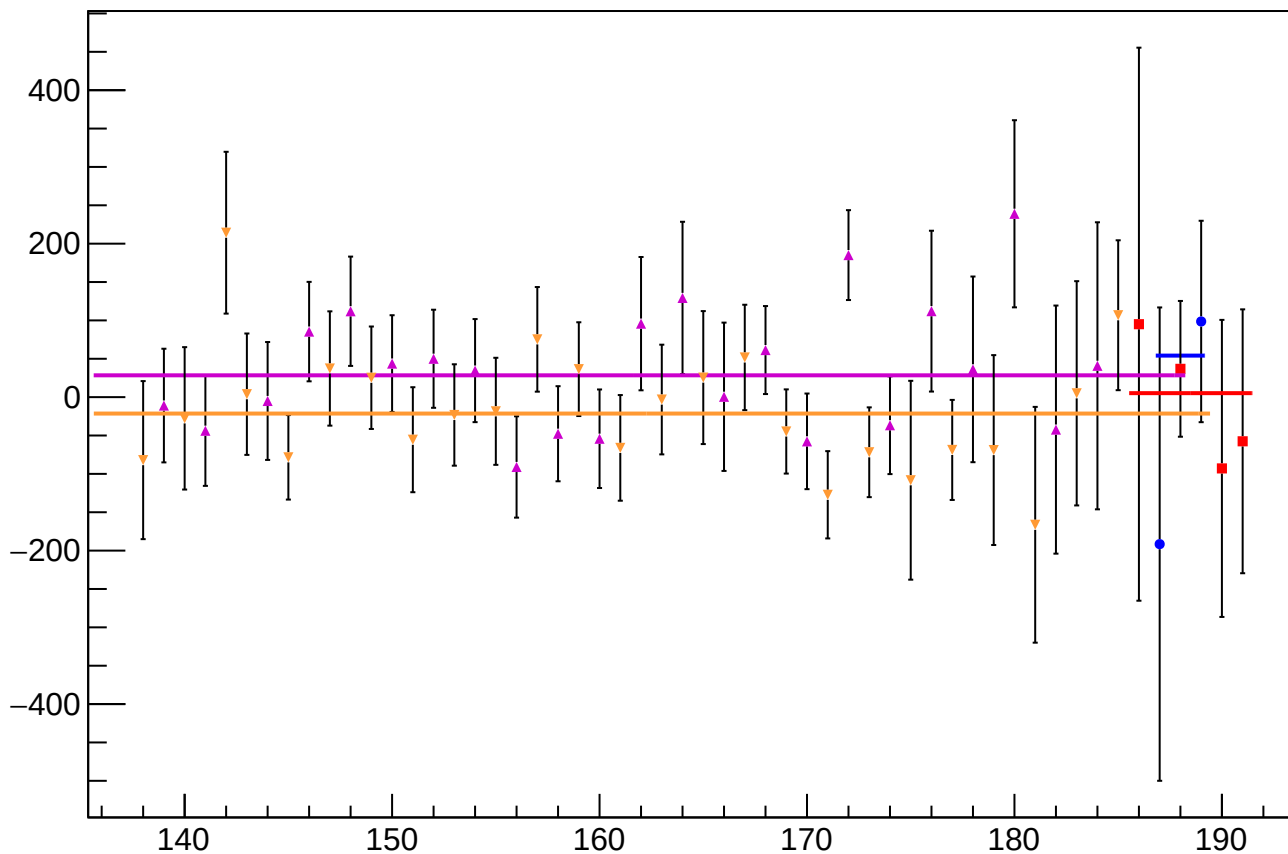
Left In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

+ sign 479.350+/-0.082 χ^2/NDF : 3140728.2/26

All: 481.257+/-0.058 χ^2/NDF : 7394968.9/53

- sign 483.204+/-0.082 χ^2/NDF : 4253136.3/26

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 54.125 $\pm$ 120.757 χ^2 /NDF: 0.7/1

Left Out: -21.397 $\pm$ 14.800 χ^2 /NDF:20.9/24

Right Out: 5.196 $\pm$ 71.430 χ^2 /NDF: 0.6/3

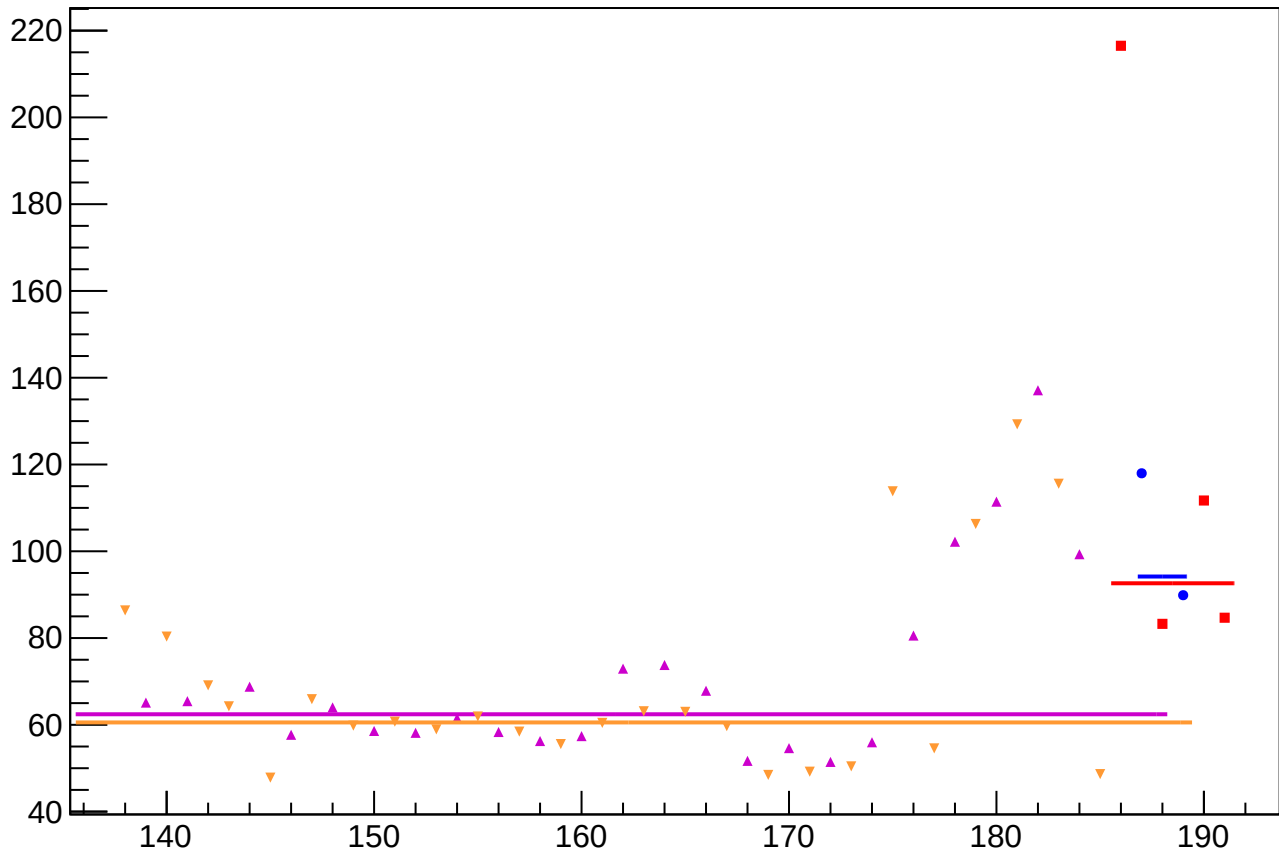
Left In: 28.435 $\pm$ 15.494 χ^2 /NDF:26.2/22

+ sign -20.280 $\pm$ 14.690 χ^2 /NDF: 22.0/26

All: 2.834 $\pm$ 10.543 χ^2 /NDF: 54.0/53

- sign 27.390 $\pm$ 15.141 χ^2 /NDF: 26.9/26

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 94.181 $\pm$ 0.085 χ^2/NDF : 14057.8/1

Left Out: 60.551 $\pm$ 0.010 χ^2/NDF : 1951663.1/24

Right Out: 92.623 $\pm$ 0.051 χ^2/NDF : 282407.9/3

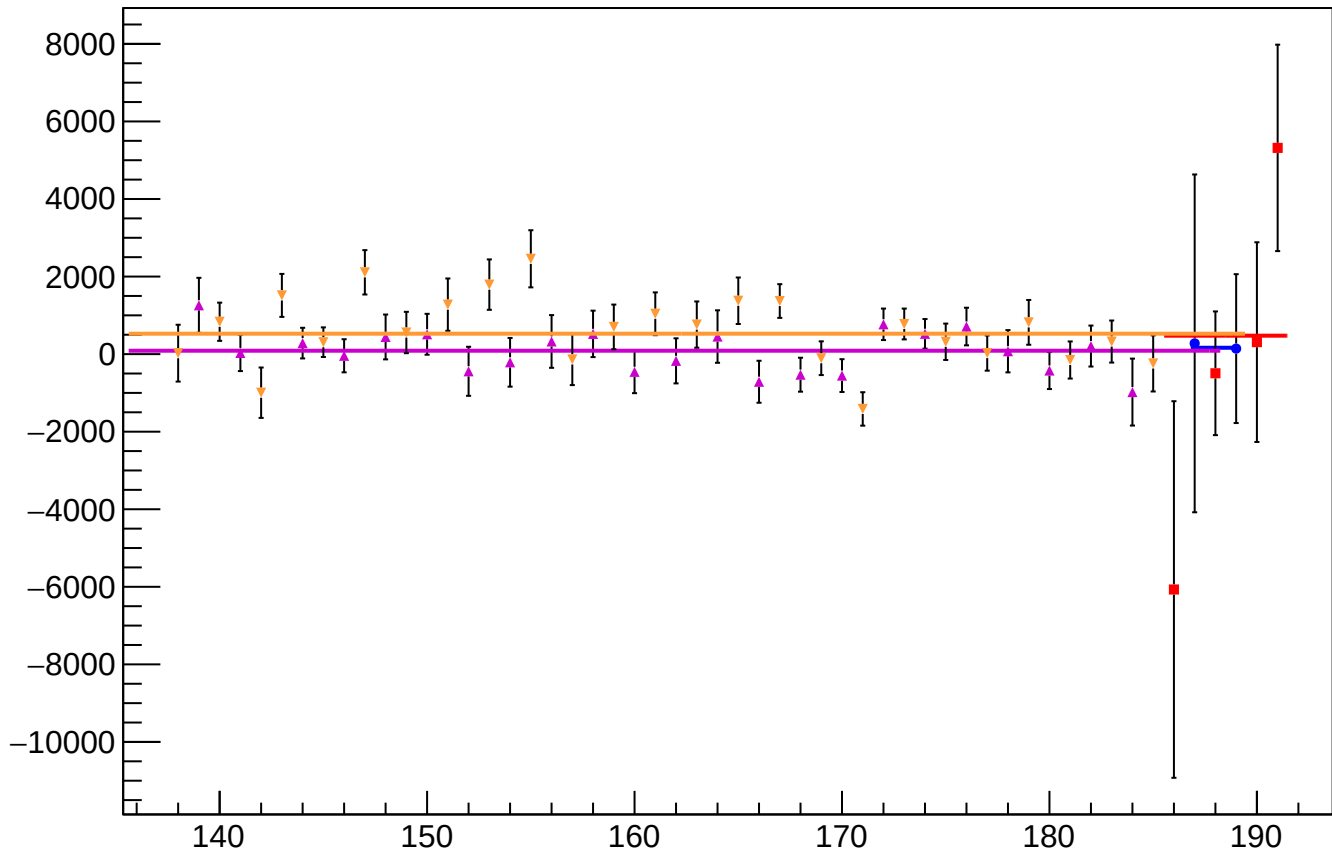
Left In: 62.435 $\pm$ 0.011 χ^2/NDF : 1445748.2/22

+ sign 61.048 $\pm$ 0.010 χ^2/NDF : 2118546.8/26

All: 62.378 $\pm$ 0.007 χ^2/NDF : 4221700.1/53

- sign 63.791 $\pm$ 0.011 χ^2/NDF : 2069350.1/26

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 164.208 $\pm$ 1756.373 χ^2 /NDF: 0.0/1

Left Out: 526.705 $\pm$ 105.414 χ^2 /NDF: 65.0/24

Right Out: 475.670 $\pm$ 1172.468 χ^2 /NDF: 5.5/3

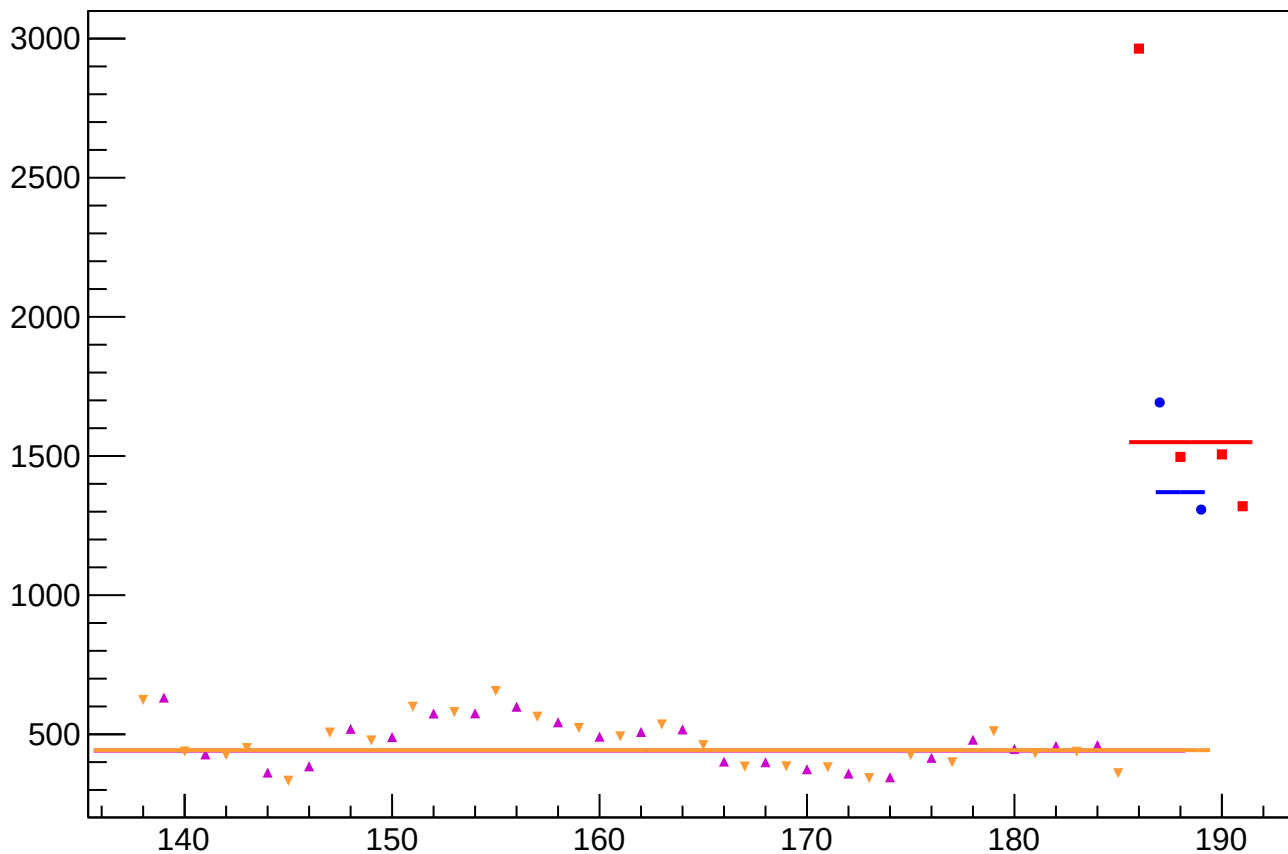
Left In: 87.989 $\pm$ 106.843 χ^2 /NDF: 22.1/22

+ sign 525.404 $\pm$ 105.225 χ^2 /NDF: 65.0/26

All: 310.707 $\pm$ 74.818 χ^2 /NDF: 101.2/53

- sign 91.182 $\pm$ 106.402 χ^2 /NDF: 27.8/26

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1370.089+/-1.242 χ^2/NDF : 13073.3/1

Left Out: 443.031+/-0.075 χ^2/NDF : 1171662.6/24

Right Out: 1549.826+/-0.829 χ^2/NDF : 187405.7/3

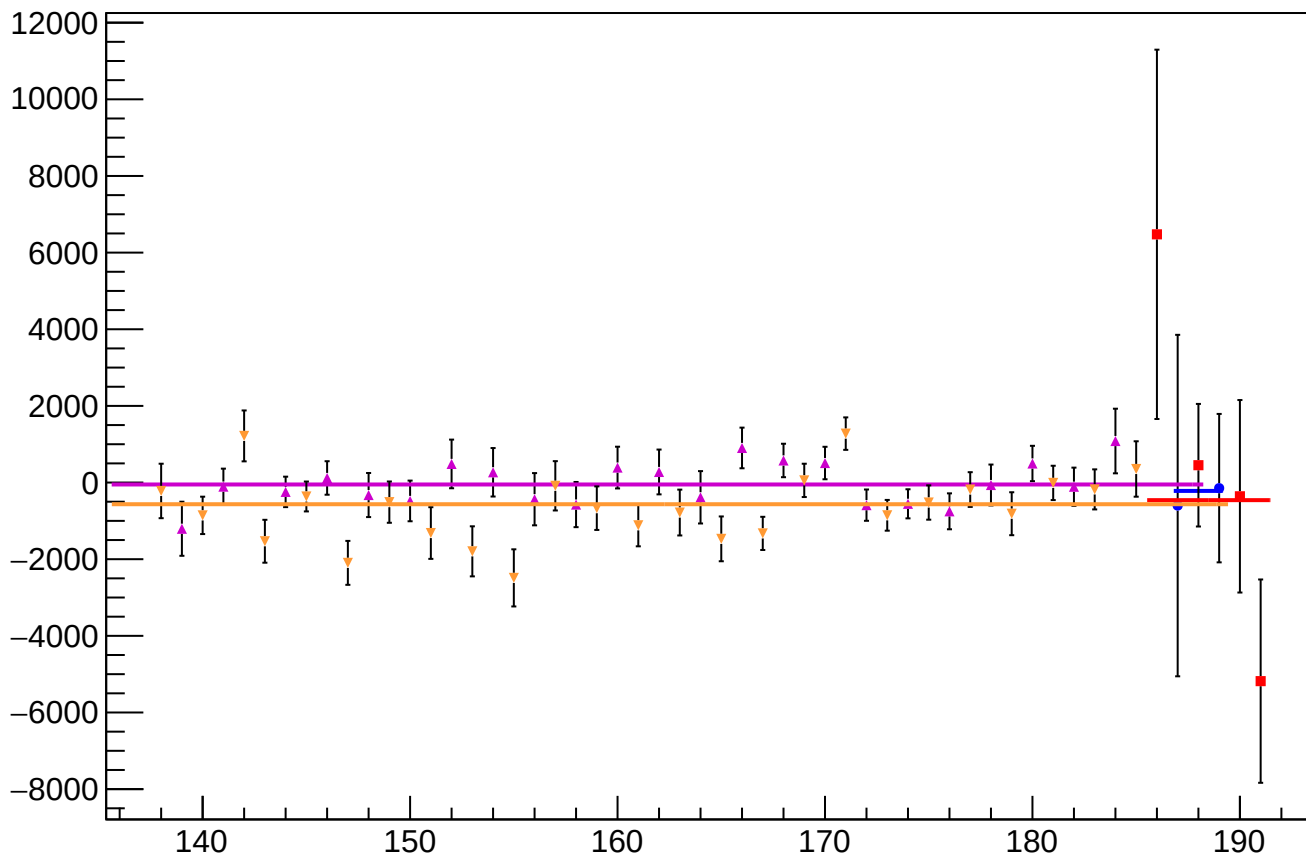
Left In: 441.359+/-0.076 χ^2/NDF : 1035839.5/22

+ sign 446.359+/-0.074 χ^2/NDF : 1739934.9/26

All: 448.400+/-0.053 χ^2/NDF : 4737595.4/53

- sign 450.488+/-0.075 χ^2/NDF : 2996137.7/26

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: -459.194 ± 1166.715 χ^2/NDF : 5.6/3

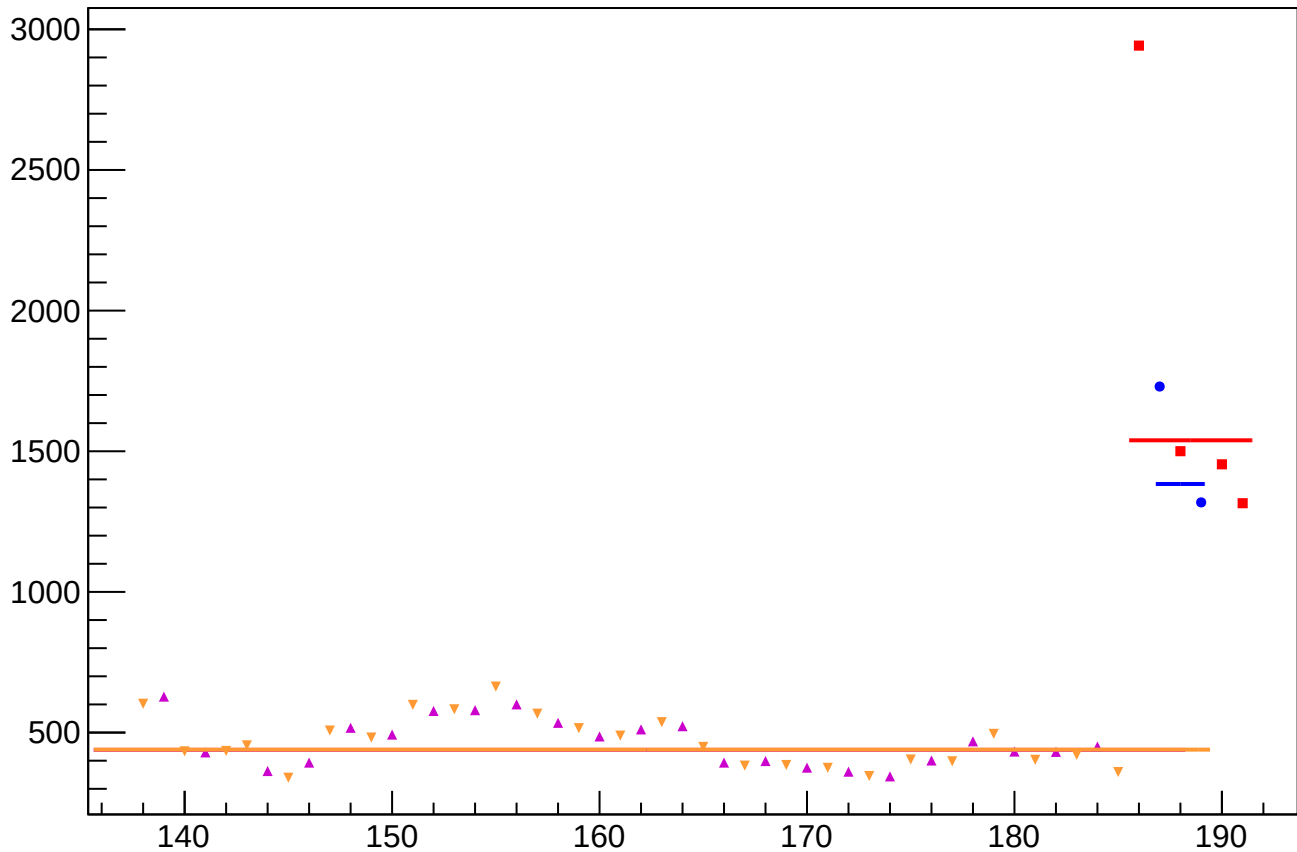
Left In: -50.387 ± 106.218 χ^2/NDF : 23.3/22

+ sign -564.347 ± 104.280 χ^2/NDF : 63.0/26

All: -312.694 ± 74.262 χ^2/NDF : 103.8/53

- sign -53.748 ± 105.781 χ^2/NDF : 28.9/26

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: 1538.950+/-0.825 χ^2/NDF : 187263.1/3

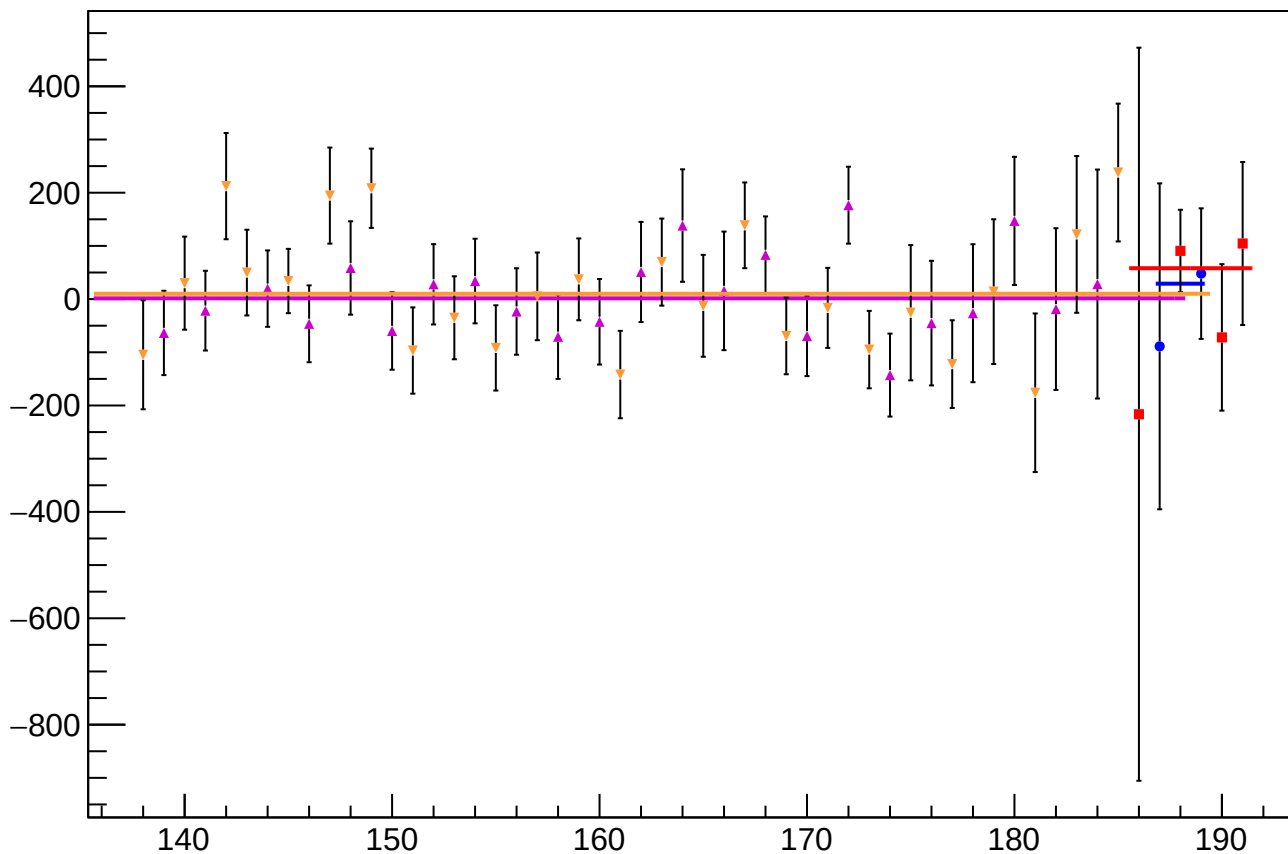
Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

+ sign 442.570+/-0.074 χ^2/NDF : 1741995.3/26

All: 444.956+/-0.053 χ^2/NDF : 4721119.4/53

- sign 447.412+/-0.075 χ^2/NDF : 2976999.1/26

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 28.982 ± 113.936 χ^2/NDF : 0.2/1

Left Out: 10.078 ± 17.207 χ^2/NDF : 38.7/24

Right Out: 58.053 ± 61.441 χ^2/NDF : 1.3/3

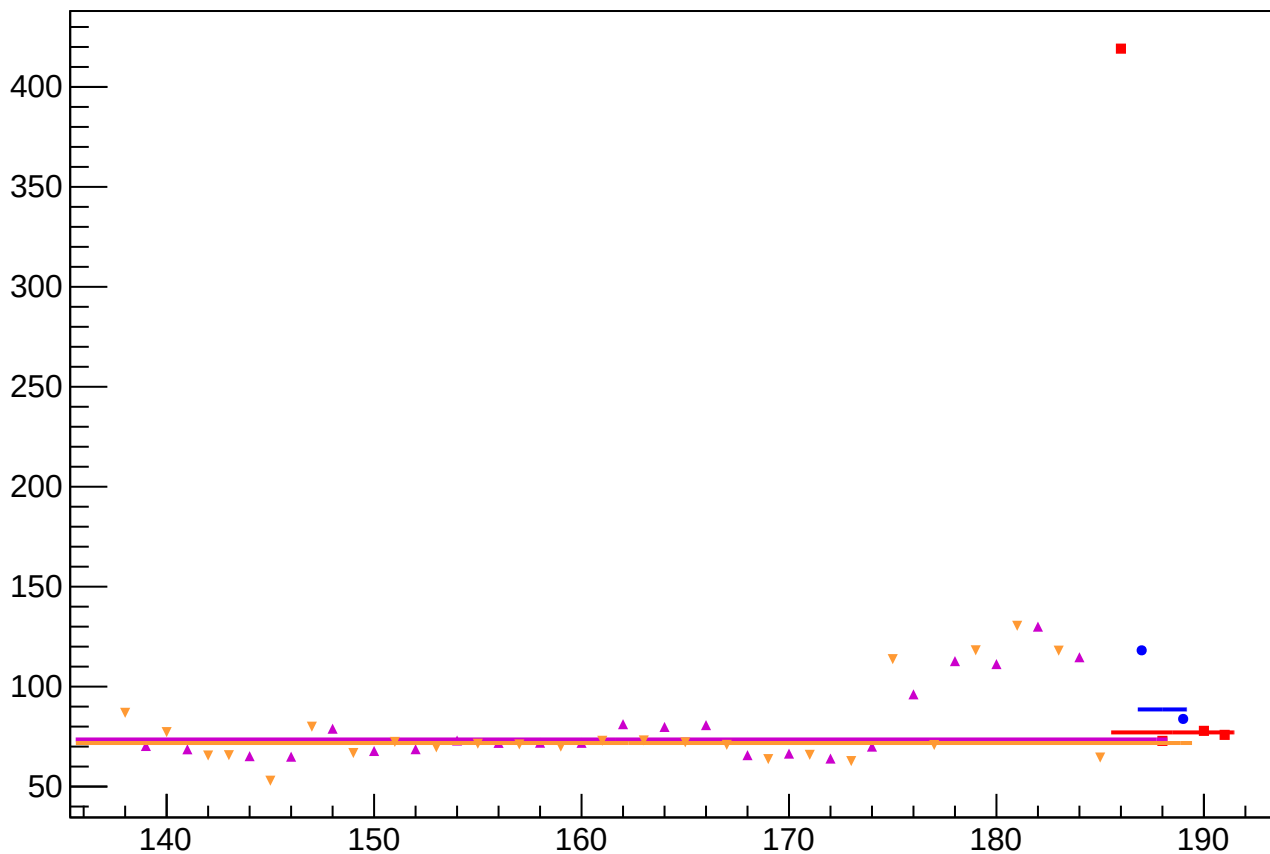
Left In: 1.434 ± 17.926 χ^2/NDF : 19.0/22

+ sign 10.499 ± 17.014 χ^2/NDF : 38.9/26

All: 8.214 ± 12.099 χ^2/NDF : 60.1/53

- sign 5.875 ± 17.208 χ^2/NDF : 21.1/26

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 88.580+/-0.081 χ^2 /NDF: 21628.9/1

Left Out: 71.785+/-0.012 χ^2 /NDF:1325726.8/24

Right Out: 77.088+/-0.043 χ^2 /NDF: 499046.1/3

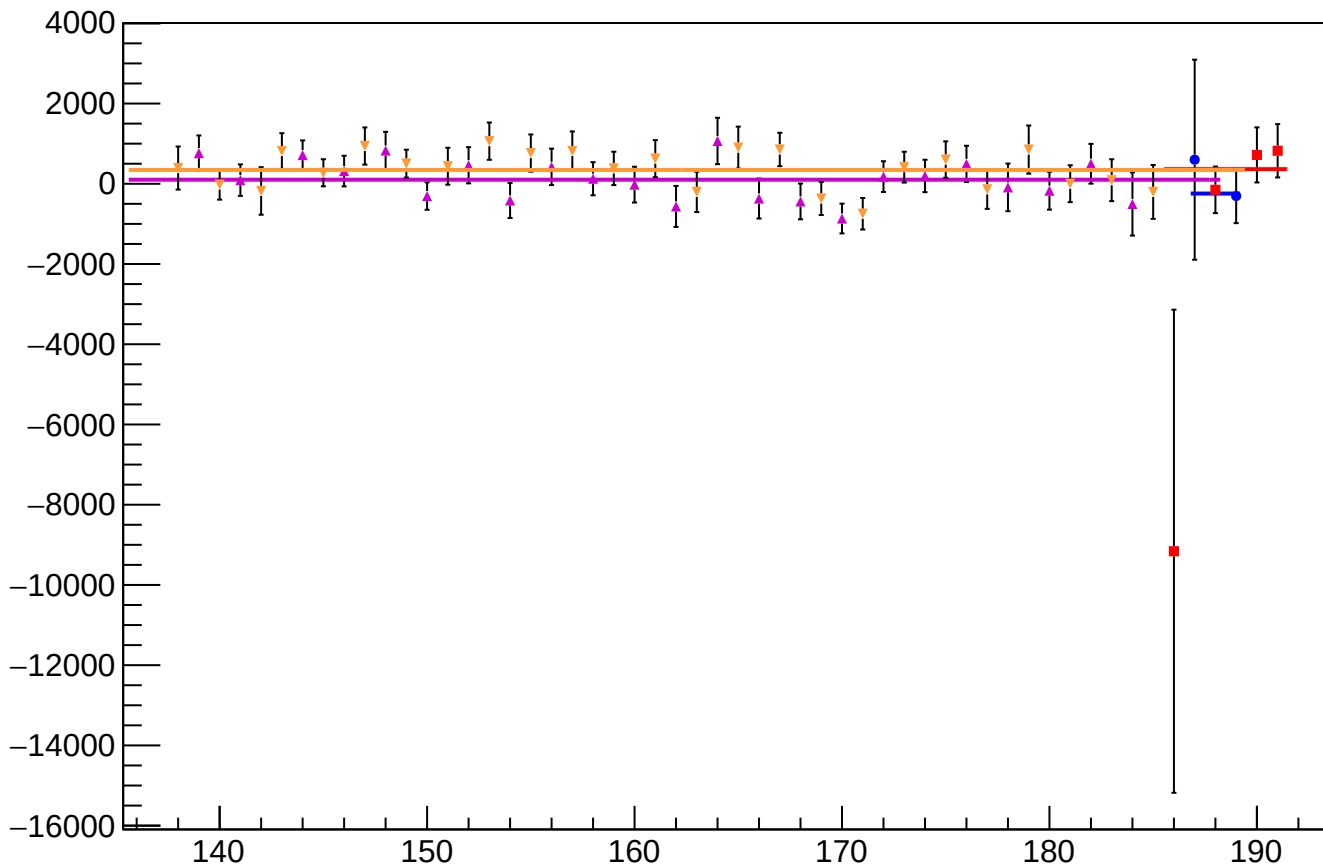
Left In: 73.558+/-0.013 χ^2 /NDF:1009353.9/22

+ sign 72.159+/-0.012 χ^2 /NDF: 1389845.4/26

All: 72.988+/-0.009 χ^2 /NDF: 2913919.3/53

- sign 73.835+/-0.012 χ^2 /NDF: 1514482.6/26

asym_sam_37_48_dd_correction_mean vs Slug



Right In: -243.807 ± 651.836 χ^2/NDF : 0.1/1

Left Out: 345.360 ± 89.857 χ^2/NDF : 27.4/24

Right Out: 364.083 ± 368.021 χ^2/NDF : 4.0/3

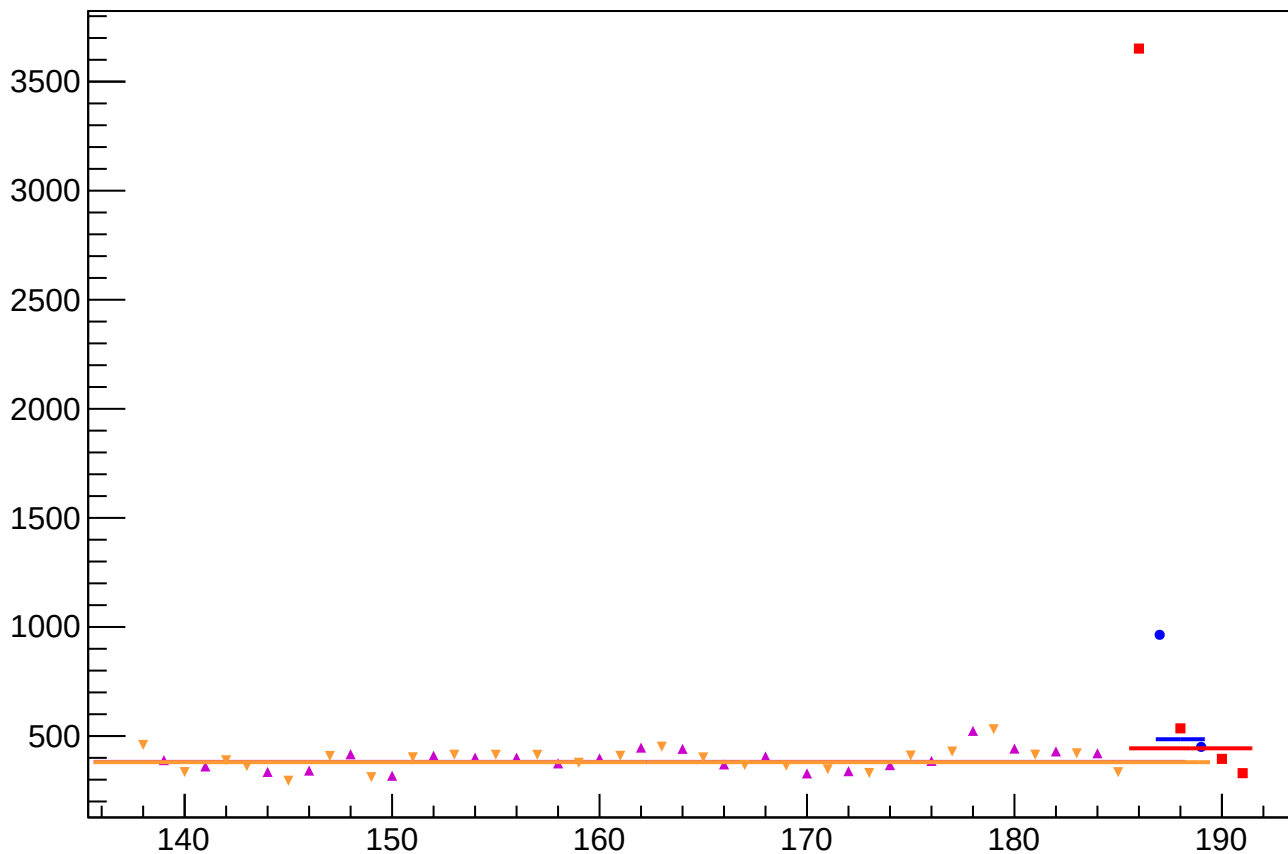
Left In: 101.648 ± 91.670 χ^2/NDF : 28.1/22

+ sign 334.373 ± 89.015 χ^2/NDF : 28.3/26

All: 225.599 ± 62.921 χ^2/NDF : 63.8/53

- sign 116.980 ± 88.952 χ^2/NDF : 32.6/26

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 485.331 $\pm$ 0.461 χ^2/NDF : 79154.1/1

Left Out: 380.206 $\pm$ 0.064 χ^2/NDF : 616620.6/24

Right Out: 443.685 $\pm$ 0.260 χ^2/NDF : 685923.8/3

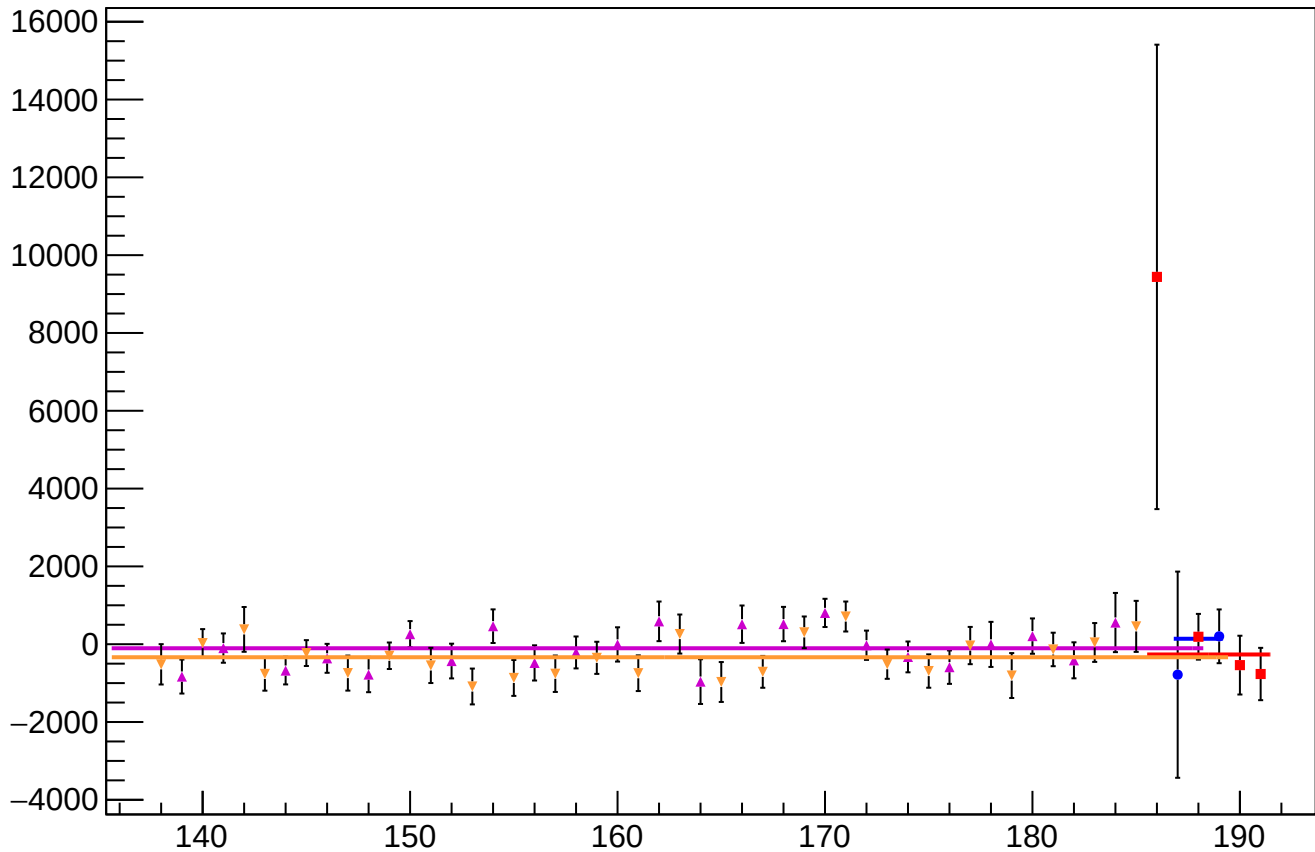
Left In: 381.474 $\pm$ 0.065 χ^2/NDF : 461021.8/22

+ sign 382.167 $\pm$ 0.063 χ^2/NDF : 746824.3/26

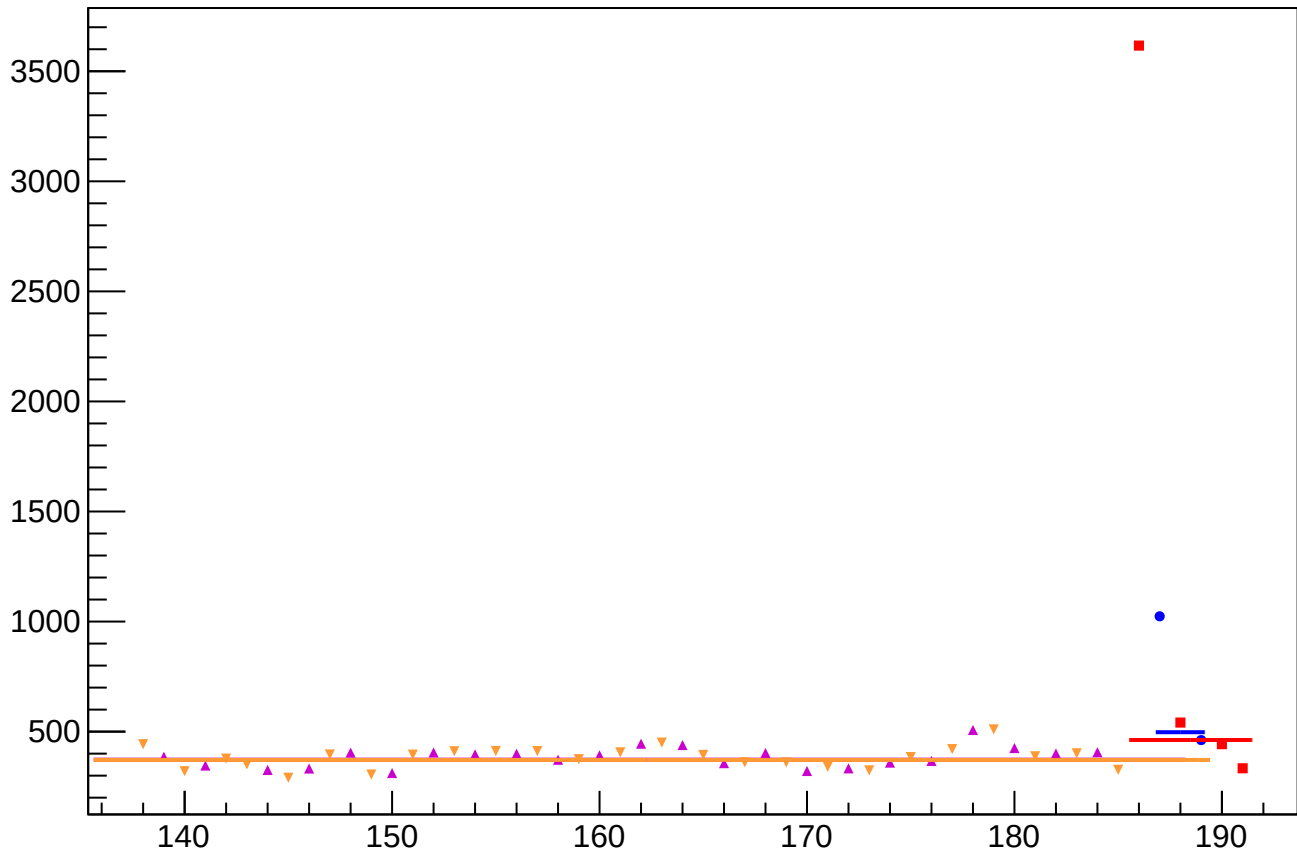
All: 383.639 $\pm$ 0.044 χ^2/NDF : 1948673.3/53

- sign 385.109 $\pm$ 0.063 χ^2/NDF : 1200756.0/26

asym_sam_37_48_dd_mean vs Slug



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: 462.007 ± 0.269 χ^2/NDF : 669204.1/3

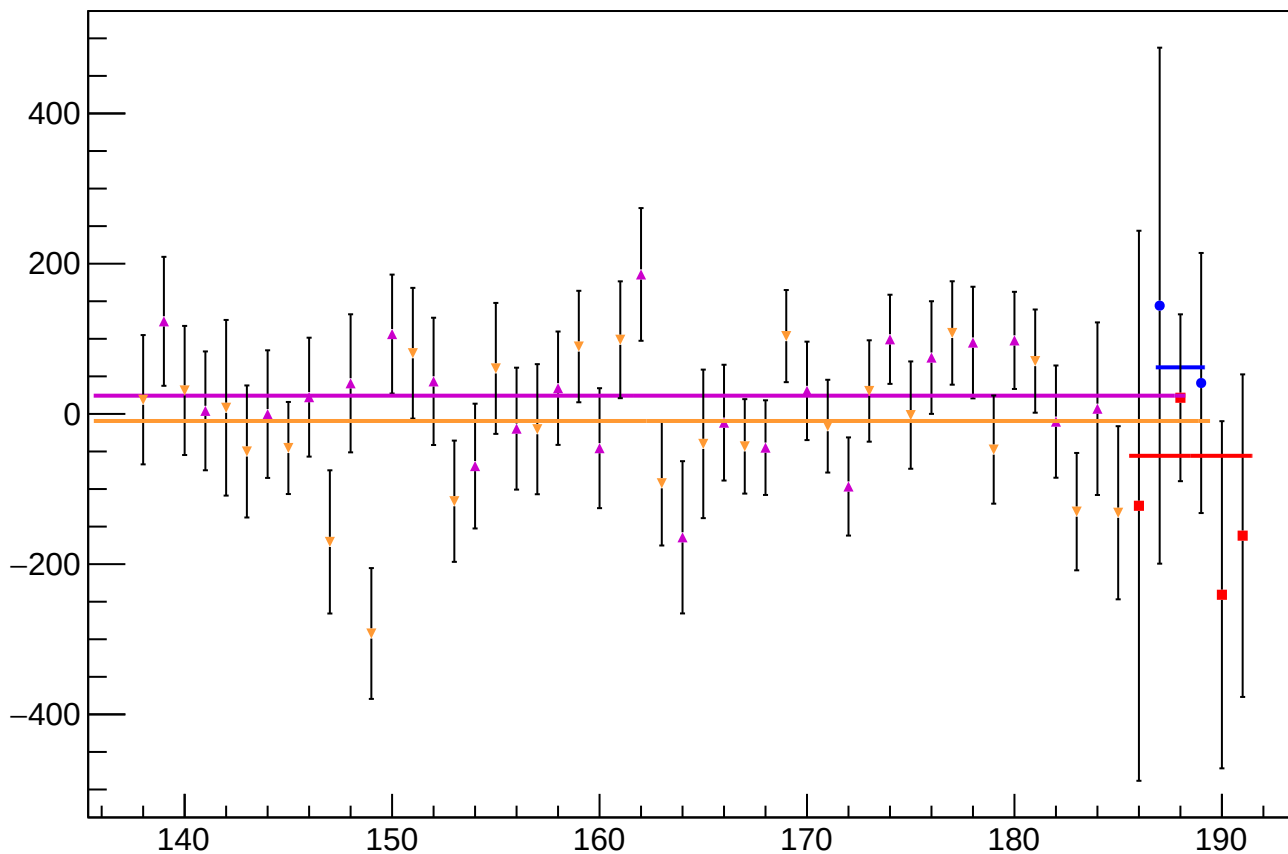
Left In: 372.574 ± 0.063 χ^2/NDF : 464397.2/22

+ sign 373.506 ± 0.061 χ^2/NDF : 758199.5/26

All: 375.377 ± 0.044 χ^2/NDF : 1998021.8/53

- sign 377.260 ± 0.062 χ^2/NDF : 1237964.8/26

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 62.018+/-154.597 χ^2/NDF : 0.1/1

Left Out: -9.398+/-15.471 χ^2/NDF : 34.7/24

Right Out: -55.764+/-88.065 χ^2/NDF : 1.4/3

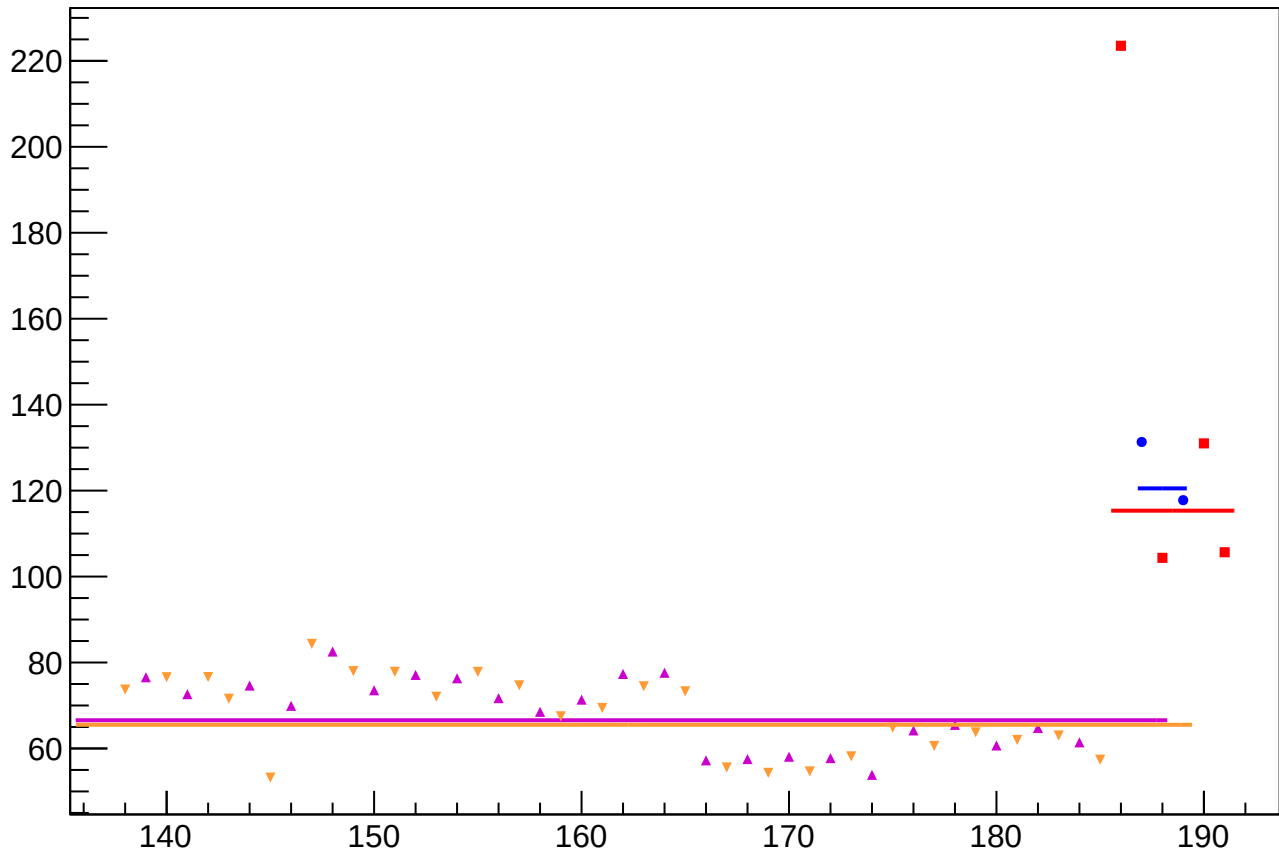
Left In: 24.293+/-16.034 χ^2/NDF : 21.1/22

+ sign -8.690+/-15.394 χ^2/NDF : 35.0/26

All: 6.147+/-11.017 χ^2/NDF : 60.2/53

- sign 21.725+/-15.774 χ^2/NDF : 23.3/26

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 120.522 $\pm$ 0.109 χ^2/NDF : 2479.3/1

Left Out: 65.512 $\pm$ 0.011 χ^2/NDF : 666993.4/24

Right Out: 115.335 $\pm$ 0.062 χ^2/NDF : 207382.8/3

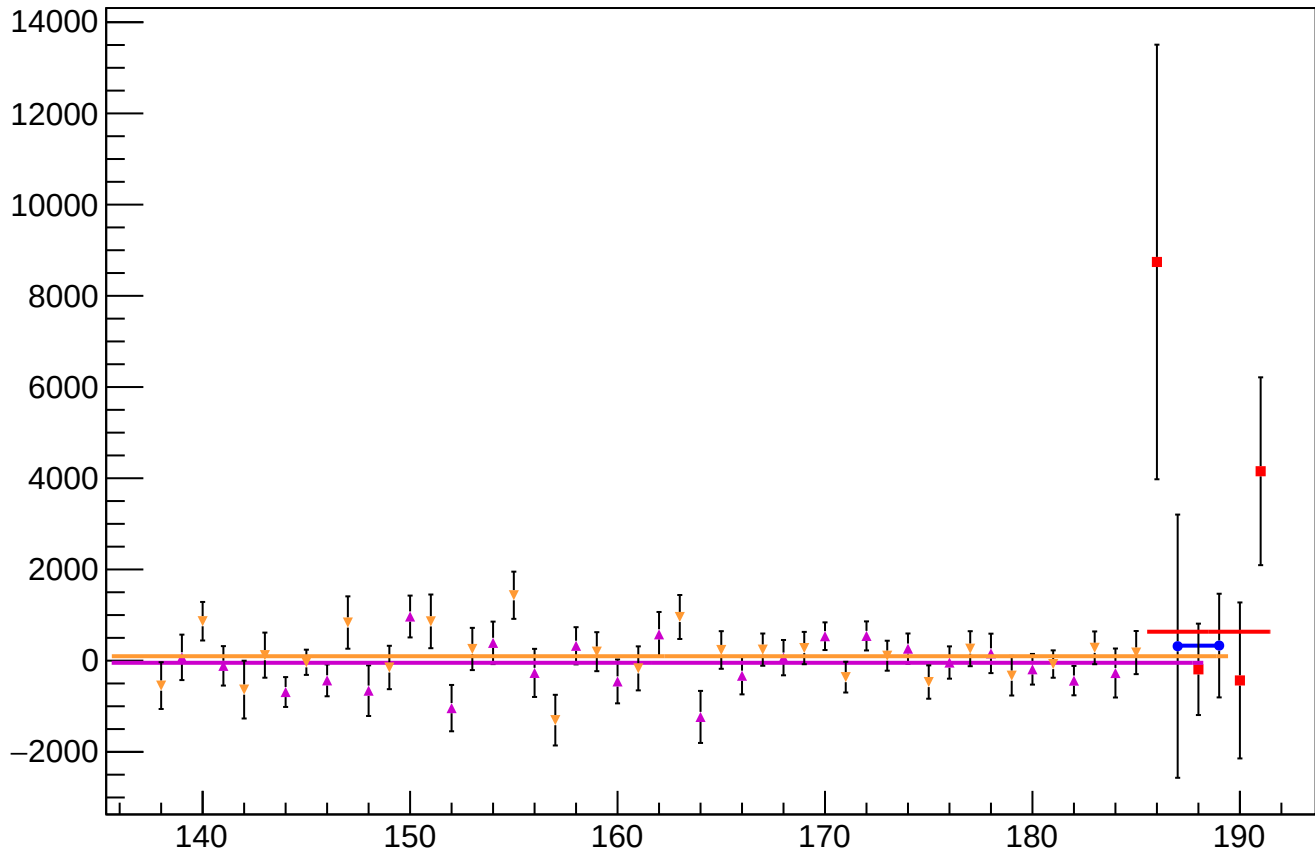
Left In: 66.564 $\pm$ 0.011 χ^2/NDF : 521302.1/22

+ sign 66.057 $\pm$ 0.011 χ^2/NDF : 920187.1/26

All: 67.068 $\pm$ 0.008 χ^2/NDF : 2260261.6/53

- sign 68.128 $\pm$ 0.011 χ^2/NDF : 1322415.2/26

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 329.181 ± 1057.490 χ^2/NDF : 0.0/1

Left Out: 97.420 ± 82.238 χ^2/NDF : 33.3/24

Right Out: 634.739 ± 786.249 χ^2/NDF : 6.9/3

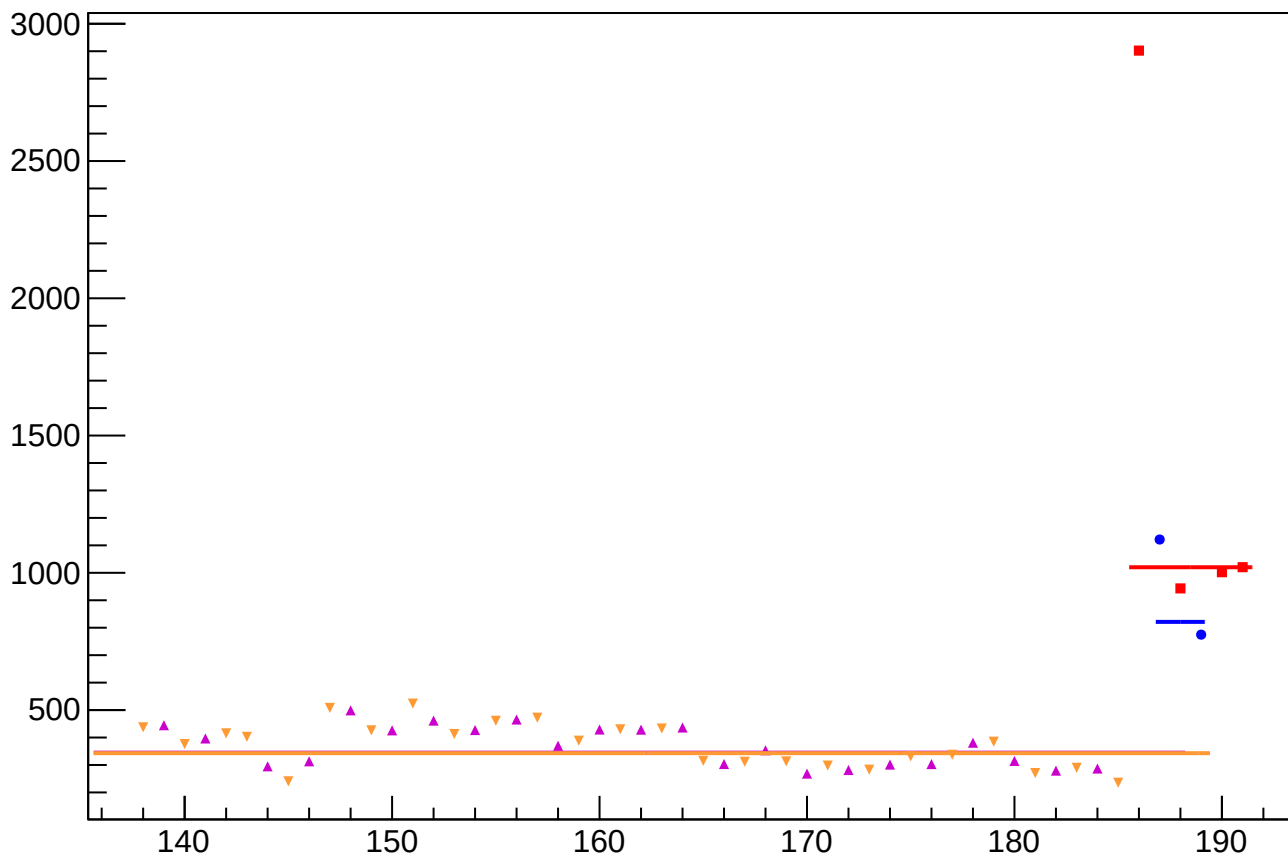
Left In: -46.660 ± 83.857 χ^2/NDF : 34.2/22

+ sign 98.813 ± 81.990 χ^2/NDF : 33.4/26

All: 31.070 ± 58.463 χ^2/NDF : 76.6/53

- sign -38.996 ± 83.384 χ^2/NDF : 41.9/26

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 821.257 $\pm$ 0.748 χ^2/NDF : 24965.6/1

Left Out: 342.995 $\pm$ 0.058 χ^2/NDF : 1665121.0/24

Right Out: 1020.293 $\pm$ 0.556 χ^2/NDF : 324059.0/3

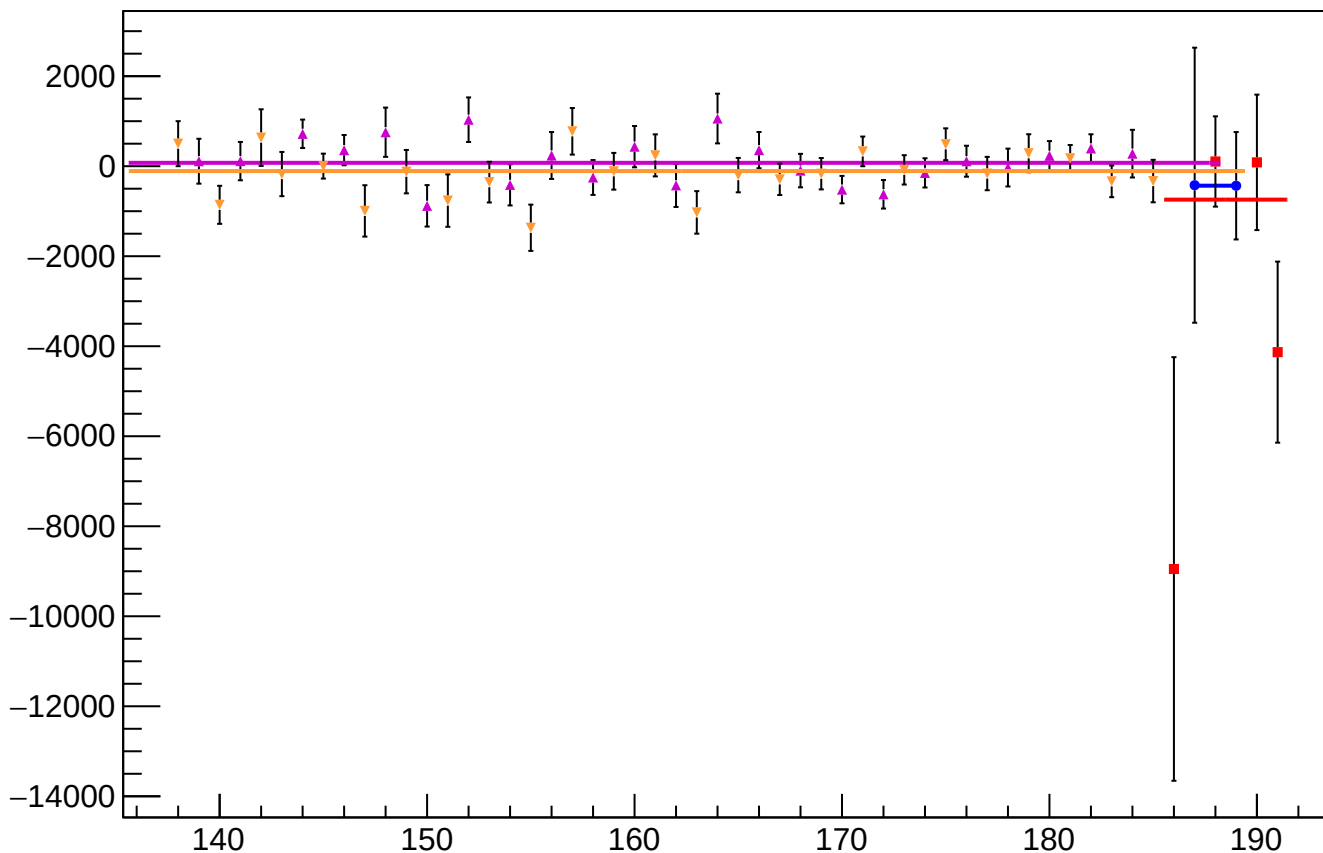
Left In: 344.818 $\pm$ 0.059 χ^2/NDF : 1264545.0/22

+ sign 345.870 $\pm$ 0.058 χ^2/NDF : 2096709.1/26

All: 349.088 $\pm$ 0.041 χ^2/NDF : 5151117.6/53

- sign 352.415 $\pm$ 0.059 χ^2/NDF : 3048143.4/26

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: -742.843+/-760.748 χ^2/NDF : 6.9/3

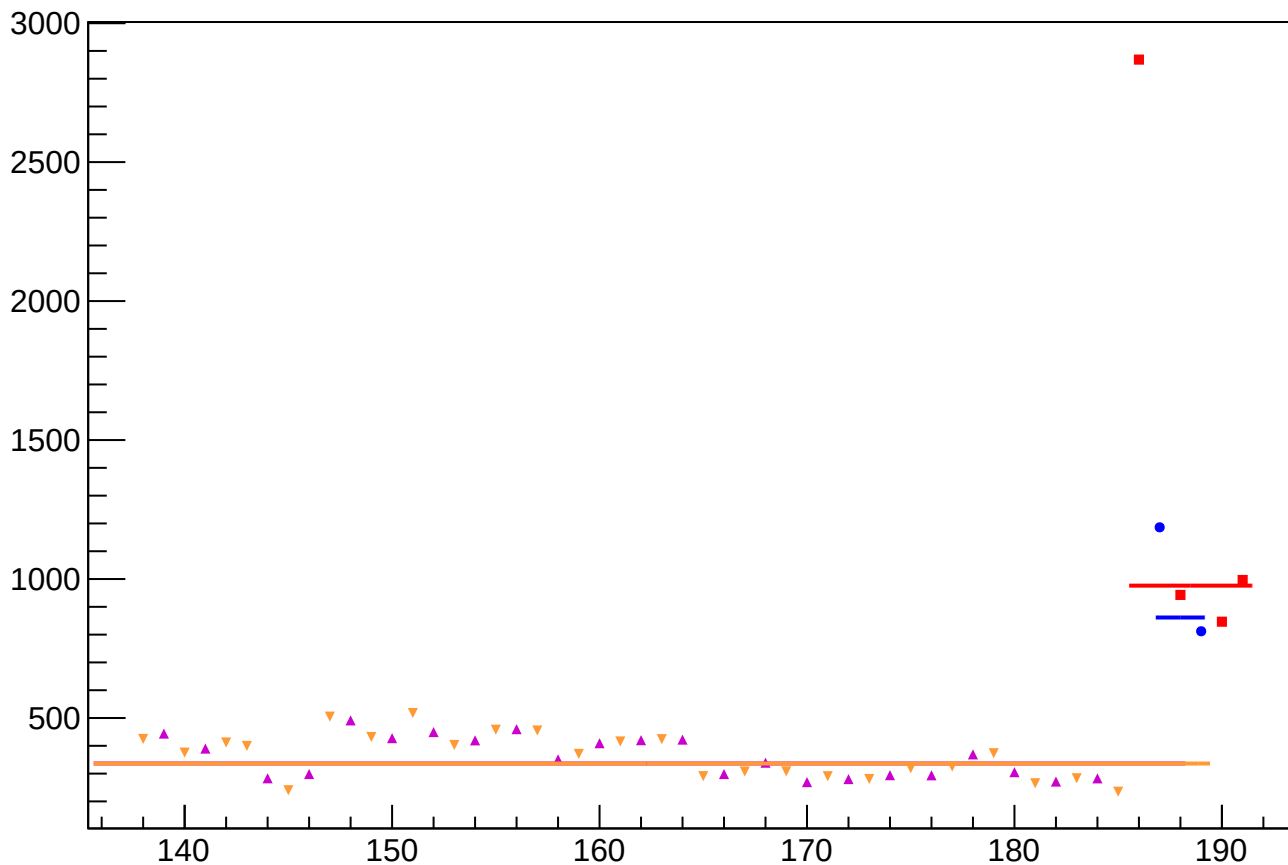
Left In: 74.986+/-81.949 χ^2/NDF : 32.7/22

+ sign -109.736+/-80.368 χ^2/NDF : 31.0/26

All: -23.268+/-57.217 χ^2/NDF : 74.0/53

- sign 65.605+/-81.478 χ^2/NDF : 40.7/26

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

Right Out: 976.223+/-0.538 χ^2/NDF : 340718.9/3

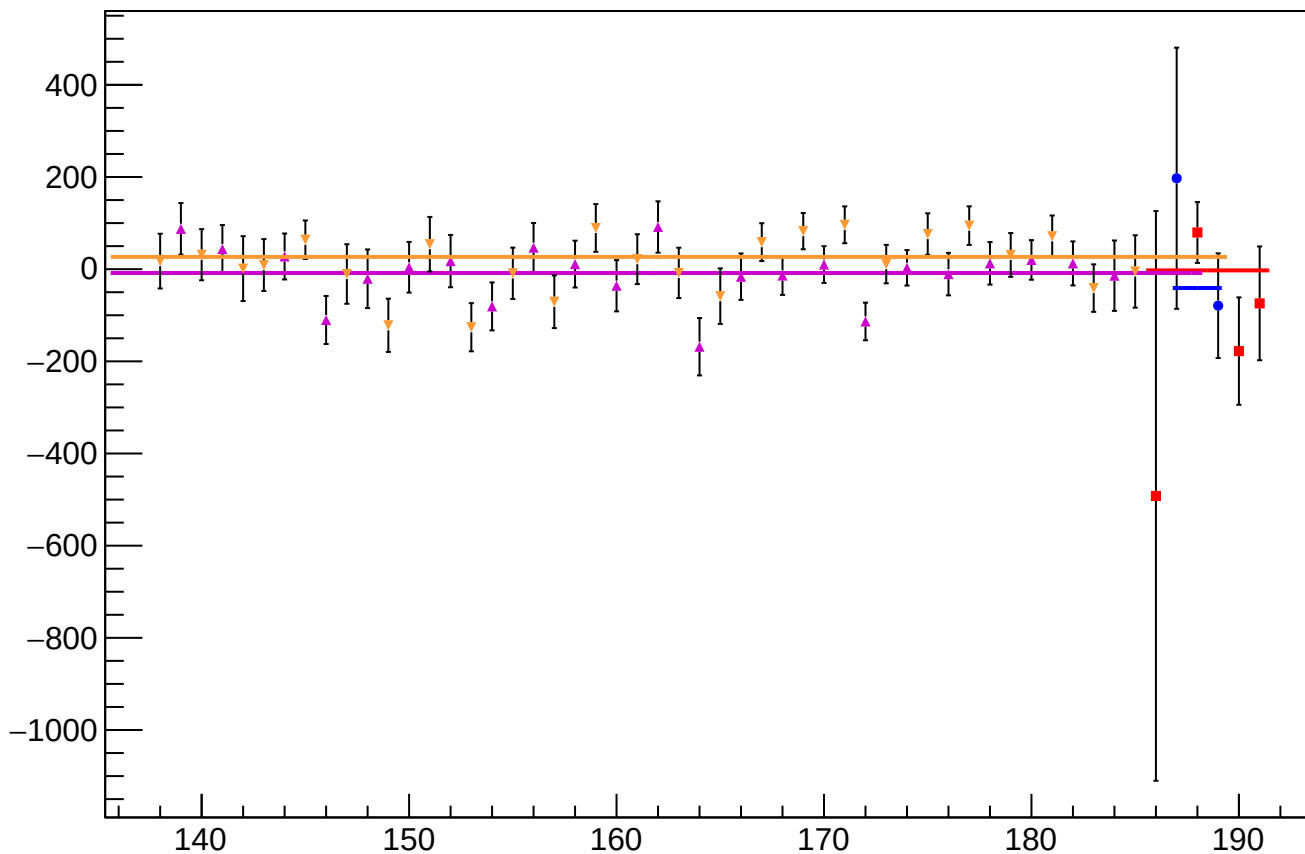
Left In: 336.396+/-0.058 χ^2/NDF : 1269587.6/22

+ sign 338.978+/-0.057 χ^2/NDF : 2130238.0/26

All: 341.324+/-0.040 χ^2/NDF : 5142501.3/53

- sign 343.735+/-0.058 χ^2/NDF : 3008807.8/26

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -40.898 ± 105.489 χ^2/NDF : 0.8/1

Left Out: 26.633 ± 10.090 χ^2/NDF : 36.5/24

Right Out: -2.643 ± 51.902 χ^2/NDF : 4.8/3

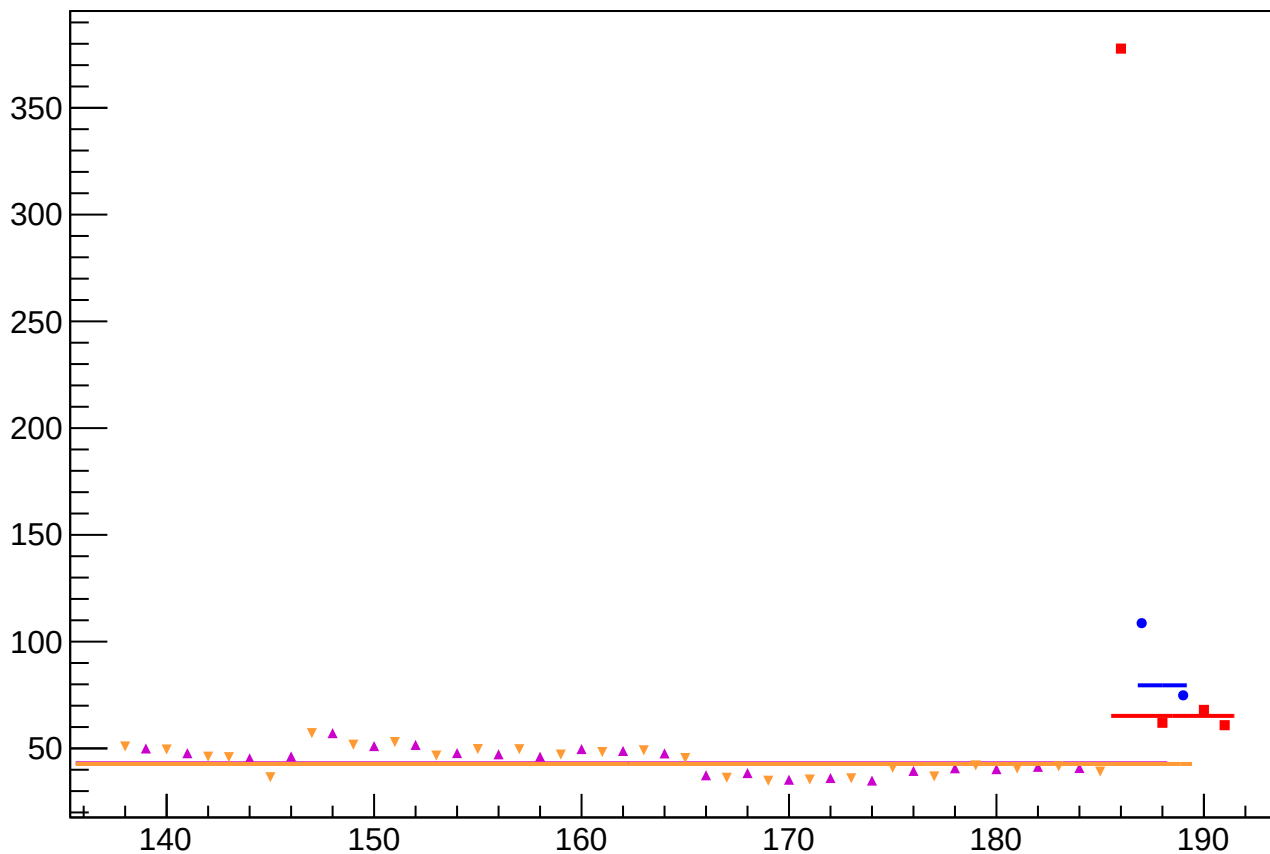
Left In: -8.325 ± 10.361 χ^2/NDF : 29.6/22

+ sign 26.020 ± 10.044 χ^2/NDF : 37.7/26

All: 9.152 ± 7.143 χ^2/NDF : 77.8/53

- sign -8.107 ± 10.160 χ^2/NDF : 34.4/26

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 79.541+/-0.075 χ^2/NDF : 24514.4/1

Left Out: 42.716+/-0.007 χ^2/NDF : 771558.7/24

Right Out: 65.222+/-0.037 χ^2/NDF : 519620.1/3

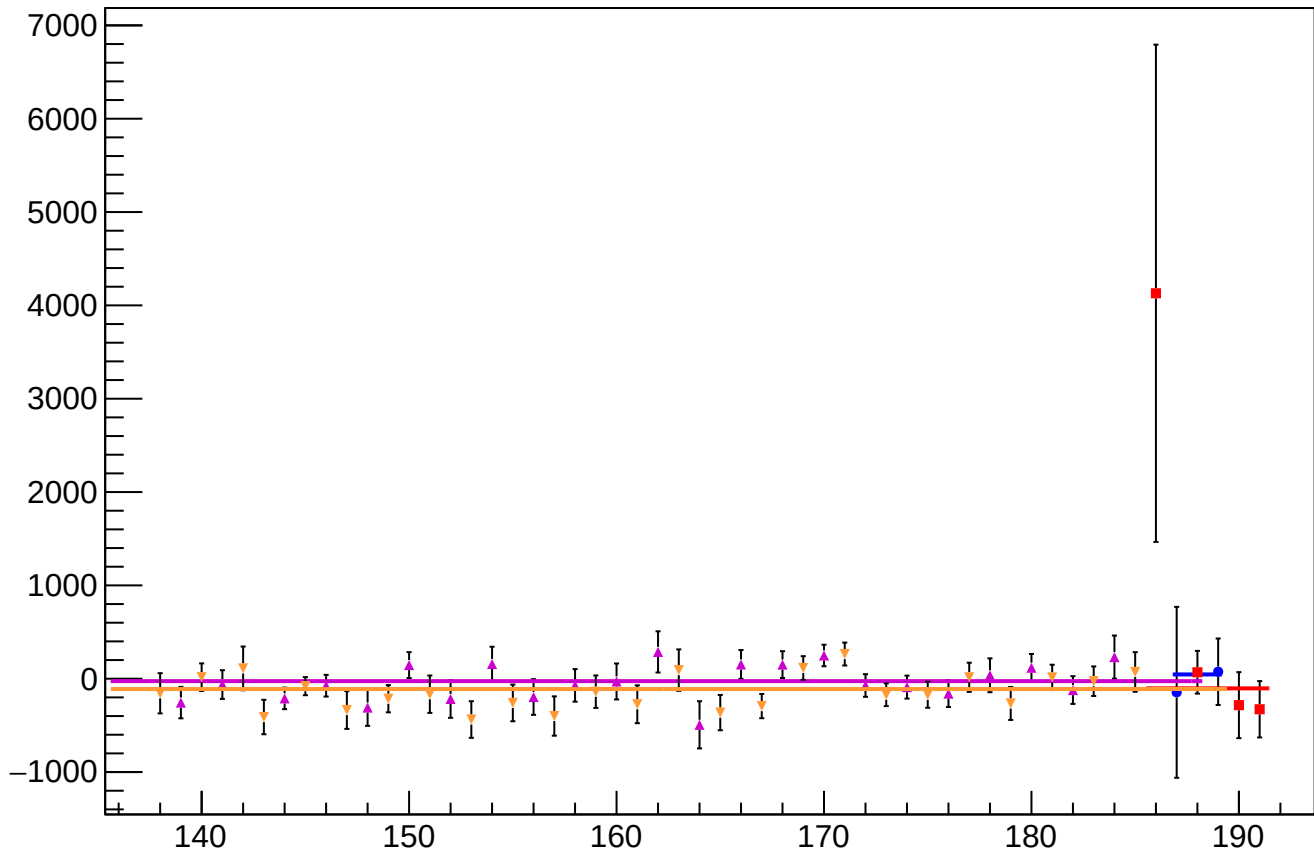
Left In: 43.021+/-0.007 χ^2/NDF : 642598.9/22

+ sign 43.050+/-0.007 χ^2/NDF : 1037591.1/26

All: 43.456+/-0.005 χ^2/NDF : 2558357.8/53

- sign 43.872+/-0.007 χ^2/NDF : 1514139.4/26

asym_sam_37_26_dd_correction_mean vs Slug



Right In: 46.016 $\pm$ 331.760 χ^2 /NDF: 0.1/1

Left Out: -110.340 $\pm$ 31.717 χ^2 /NDF:33.0/24

Right Out: -103.333 $\pm$ 161.806 χ^2 /NDF: 3.9/3

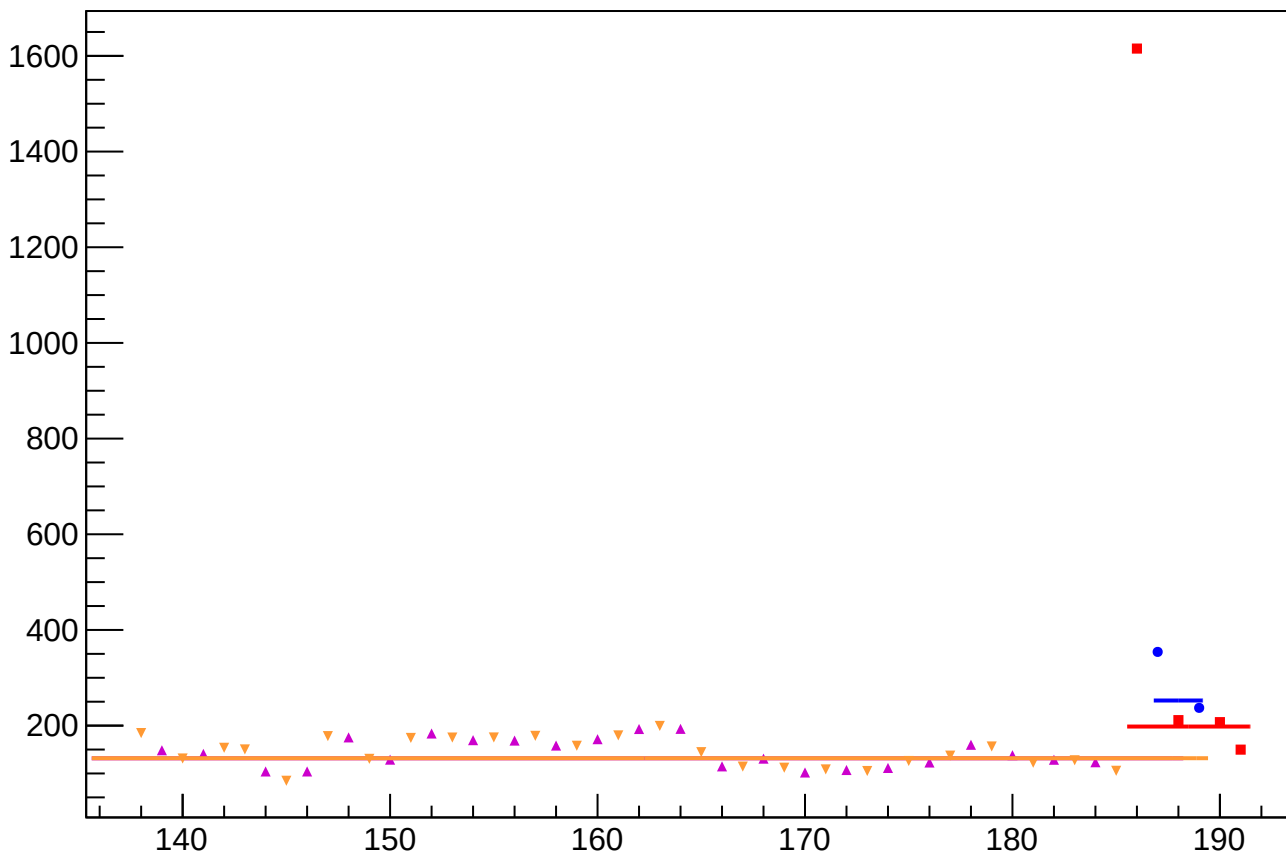
Left In: -25.828 $\pm$ 32.100 χ^2 /NDF:29.0/22

+ sign -108.924 $\pm$ 31.573 χ^2 /NDF: 33.2/26

All: -68.733 $\pm$ 22.295 χ^2 /NDF: 69.6/53

- sign -28.762 $\pm$ 31.486 χ^2 /NDF: 33.1/26

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 252.497 $\pm$ 0.235 χ^2 /NDF: 28357.4/1

Left Out: 131.875 $\pm$ 0.022 χ^2 /NDF: 1806379.2/24

Right Out: 198.074 $\pm$ 0.114 χ^2 /NDF: 625455.9/3

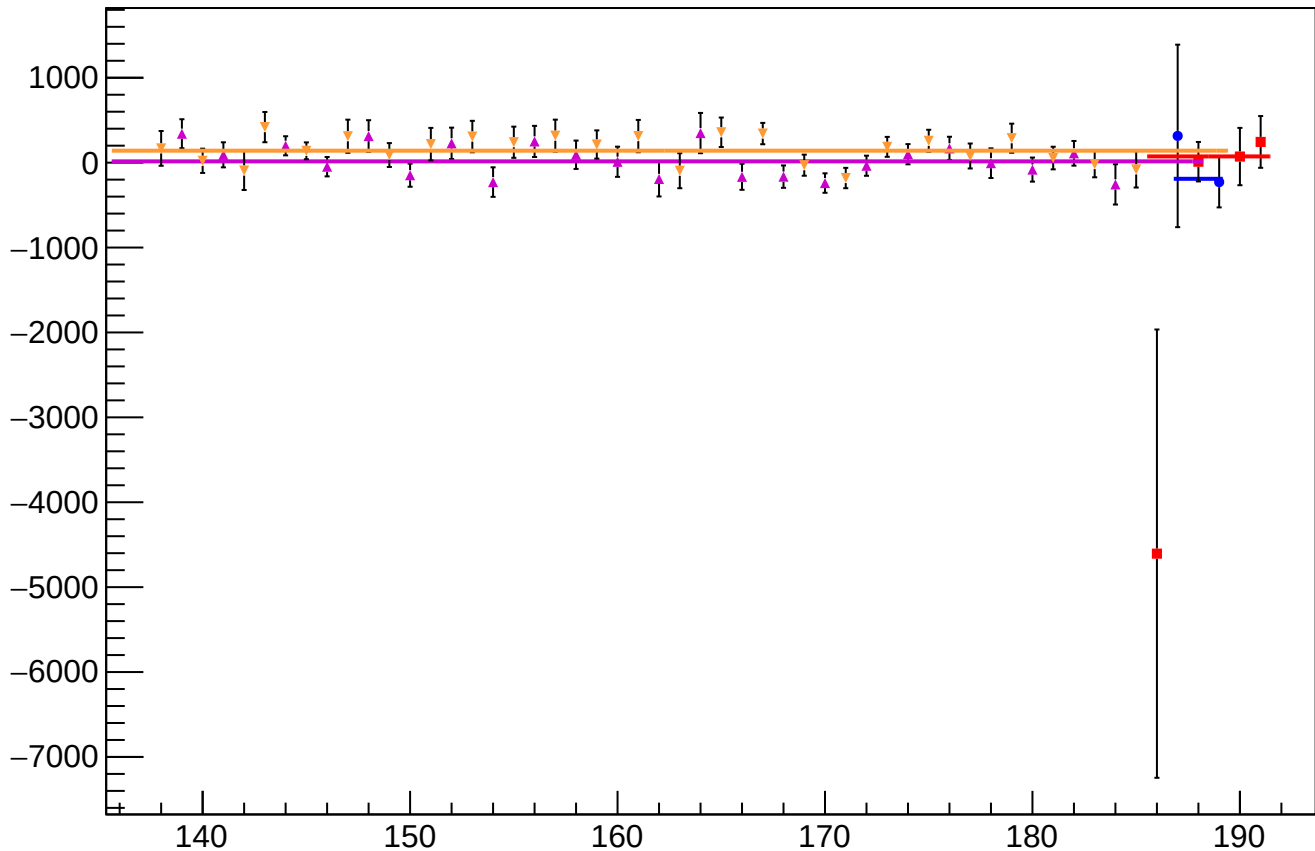
Left In: 131.630 $\pm$ 0.023 χ^2 /NDF: 1403692.5/22

+ sign 132.967 $\pm$ 0.022 χ^2 /NDF: 2096727.9/26

All: 133.558 $\pm$ 0.016 χ^2 /NDF: 4451758.8/53

- sign 134.146 $\pm$ 0.022 χ^2 /NDF: 2353634.0/26

asym_sam_37_26_dd_mean vs Slug



Right In: -190.213 $\pm$ 287.148 χ^2 /NDF: 0.2/1

Left Out: 141.008 $\pm$ 30.636 χ^2 /NDF: 27.1/24

Right Out: 73.486 $\pm$ 161.815 χ^2 /NDF: 3.5/3

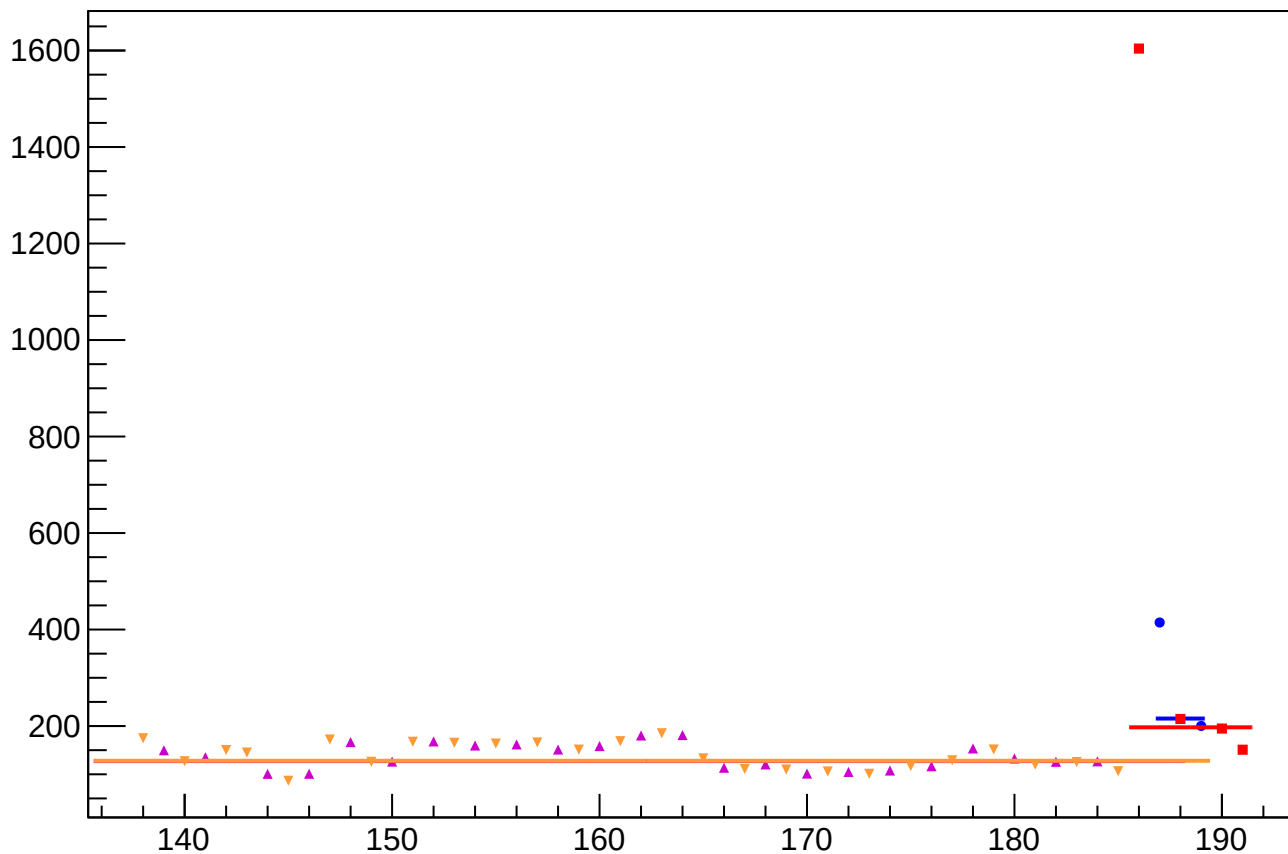
Left In: 15.199 $\pm$ 31.033 χ^2 /NDF: 31.4/22

+ sign 137.280 $\pm$ 30.463 χ^2 /NDF: 28.7/26

All: 77.303 $\pm$ 21.546 χ^2 /NDF: 71.5/53

- sign 17.267 $\pm$ 30.478 χ^2 /NDF: 35.0/26

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: 197.351 $\pm$ 0.114 χ^2 /NDF: 625295.1/3

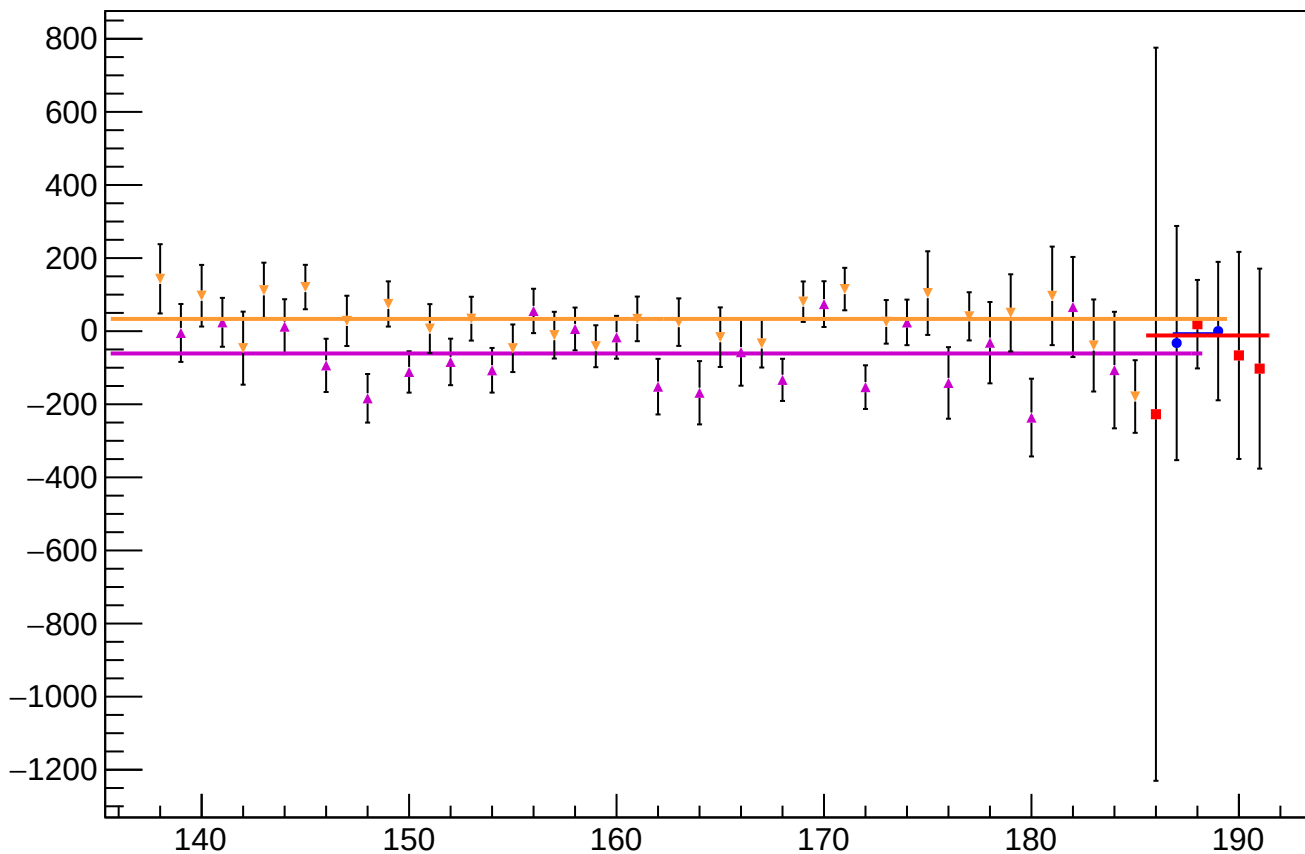
Left In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

+ sign 129.044 $\pm$ 0.022 χ^2 /NDF: 1787654.3/26

All: 129.453 $\pm$ 0.015 χ^2 /NDF: 4004266.9/53

- sign 129.862 $\pm$ 0.022 χ^2 /NDF: 2215892.2/26

dit_asym_sam_1357_avg_mean vs Slug



Right In: -8.211 ± 163.041 χ^2/NDF : 0.0/1

Left Out: 33.535 ± 14.197 χ^2/NDF : 19.7/24

Right Out: -11.725 ± 102.578 χ^2/NDF : 0.3/3

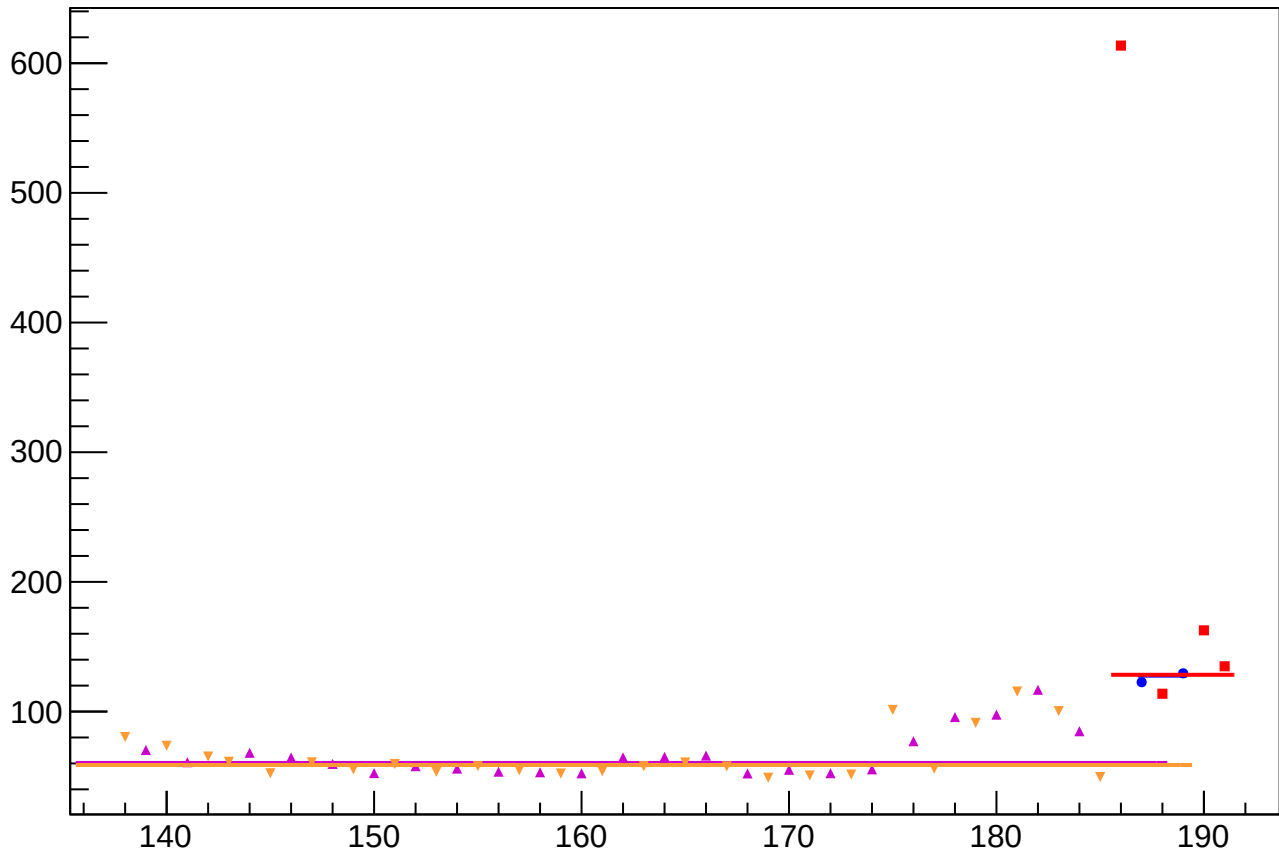
Left In: -60.992 ± 14.839 χ^2/NDF : 31.6/22

+ sign 33.220 ± 14.143 χ^2/NDF : 19.7/26

All: -11.626 ± 10.187 χ^2/NDF : 72.7/53

- sign -59.982 ± 14.686 χ^2/NDF : 32.1/26

dit_asym_sam_1357_avg_rms vs Slug



Right In: 127.710 $\pm$ 0.115 χ^2 /NDF: 682.1/1

Left Out: 58.793 $\pm$ 0.010 χ^2 /NDF: 1460561.7/24

Right Out: 128.347 $\pm$ 0.073 χ^2 /NDF: 527710.6/3

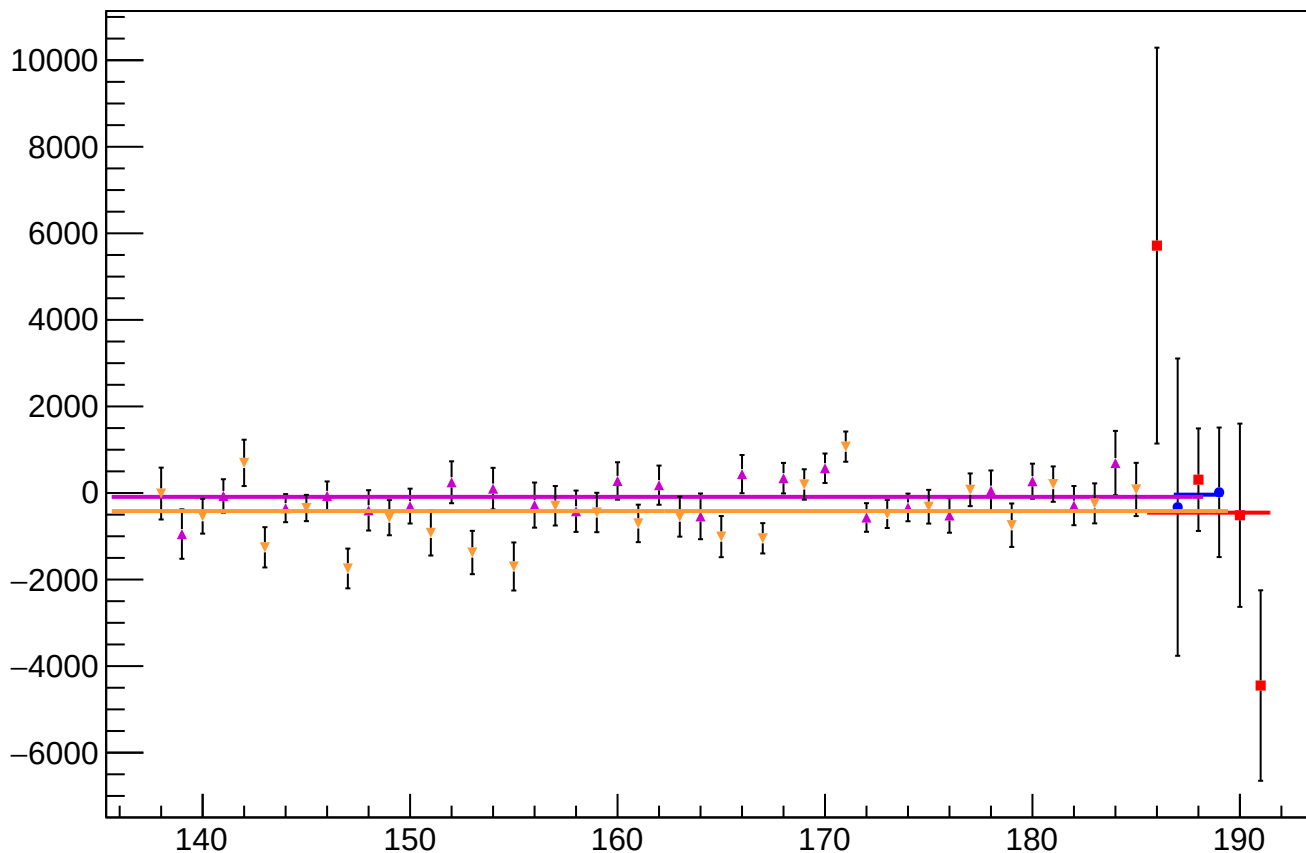
Left In: 60.355 $\pm$ 0.010 χ^2 /NDF: 1217671.4/22

+ sign 59.312 $\pm$ 0.010 χ^2 /NDF: 1815897.6/26

All: 60.484 $\pm$ 0.007 χ^2 /NDF: 4450541.8/53

- sign 61.749 $\pm$ 0.010 χ^2 /NDF: 2606071.1/26

asym_sam_1357_avg_correction_mean vs Slug



Right In: -38.769 ± 1372.075 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -417.817 ± 84.969 $\chi^2/\text{NDF}: 58.5/24$

Right Out: -454.335 ± 916.641 $\chi^2/\text{NDF}: 5.5/3$

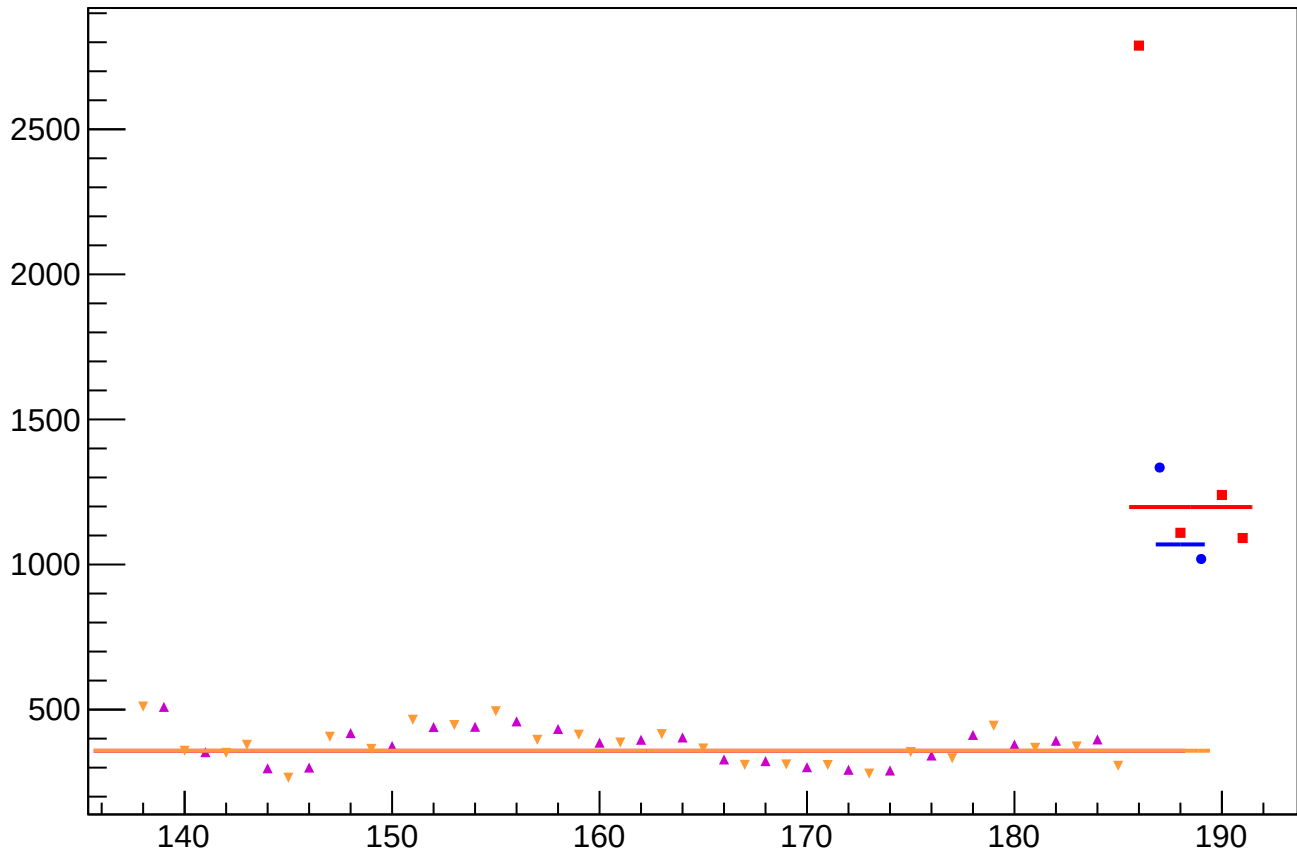
Left In: -89.505 ± 86.438 $\chi^2/\text{NDF}: 19.4/22$

+ sign -416.369 ± 84.807 $\chi^2/\text{NDF}: 58.6/26$

All: -256.912 ± 60.405 $\chi^2/\text{NDF}: 90.9/53$

- sign -92.721 ± 86.057 $\chi^2/\text{NDF}: 25.1/26$

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1069.273 $\pm$ 0.970 χ^2/NDF : 14150.1/1

Left Out: 358.349 $\pm$ 0.060 χ^2/NDF : 1011872.8/24

Right Out: 1198.065 $\pm$ 0.648 χ^2/NDF : 258518.5/3

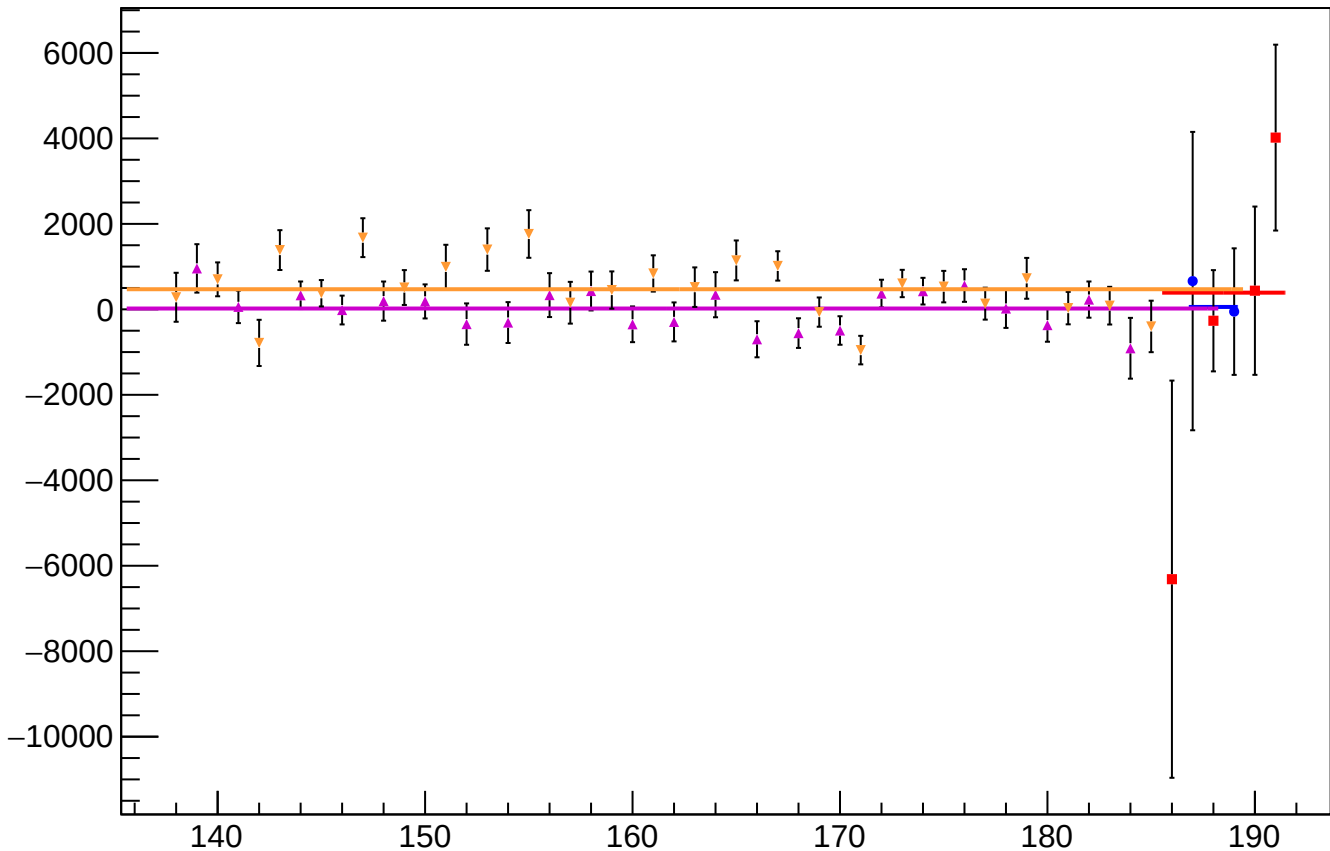
Left In: 357.802 $\pm$ 0.061 χ^2/NDF : 893330.5/22

+ sign 361.065 $\pm$ 0.060 χ^2/NDF : 1560906.0/26

All: 363.106 $\pm$ 0.043 χ^2/NDF : 4380887.4/53

- sign 365.208 $\pm$ 0.061 χ^2/NDF : 2817630.2/26

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: 390.556+/-902.305 χ^2/NDF : 5.2/3

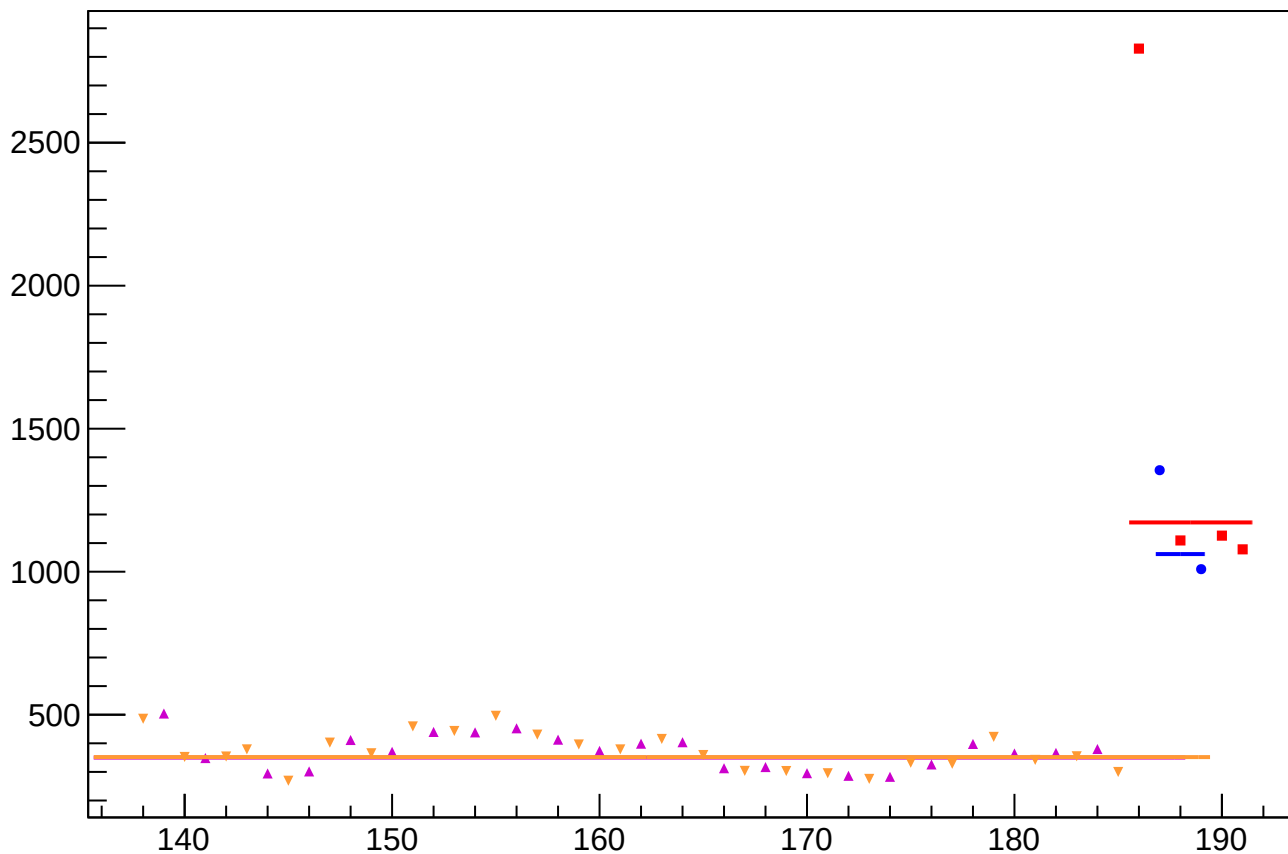
Left In: 19.328+/-84.679 χ^2/NDF : 23.7/22

+ sign 469.255+/-83.324 χ^2/NDF : 58.8/26

All: 248.537+/-59.264 χ^2/NDF : 102.0/53

- sign 22.569+/-84.309 χ^2/NDF : 29.0/26

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: 1172.249 $\pm$ 0.638 χ^2 /NDF: 264624.4/3

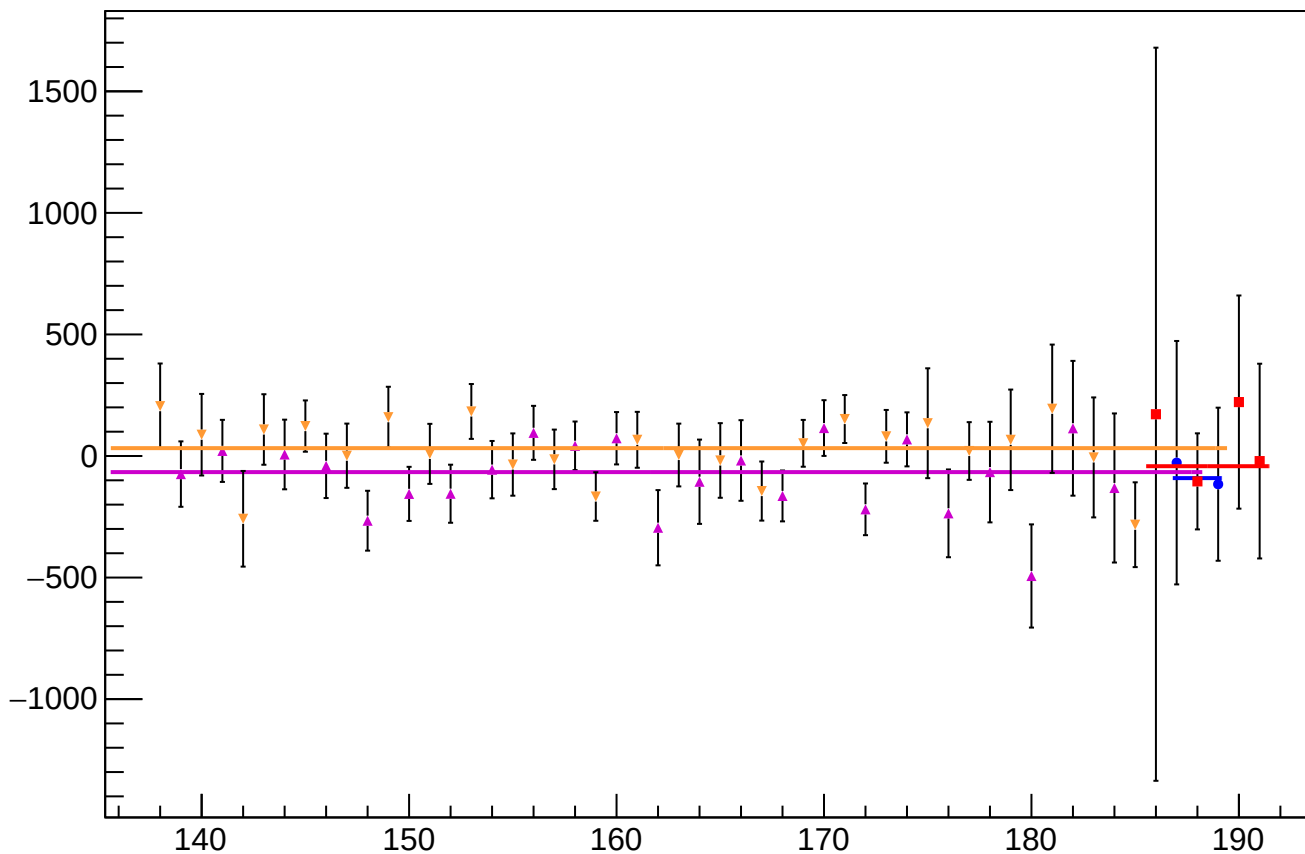
Left In: 350.037 $\pm$ 0.060 χ^2 /NDF: 889435.7/22

+ sign 354.429 $\pm$ 0.059 χ^2 /NDF: 1573742.7/26

All: 355.806 $\pm$ 0.042 χ^2 /NDF: 4375105.3/53

- sign 357.215 $\pm$ 0.060 χ^2 /NDF: 2800257.6/26

dit_asym_sam_2468_avg_mean vs Slug



Right In: -90.946 ± 266.524 χ^2/NDF : 0.0/1

Left Out: 32.332 ± 26.320 χ^2/NDF : 19.6/24

Right Out: -41.979 ± 163.317 χ^2/NDF : 0.5/3

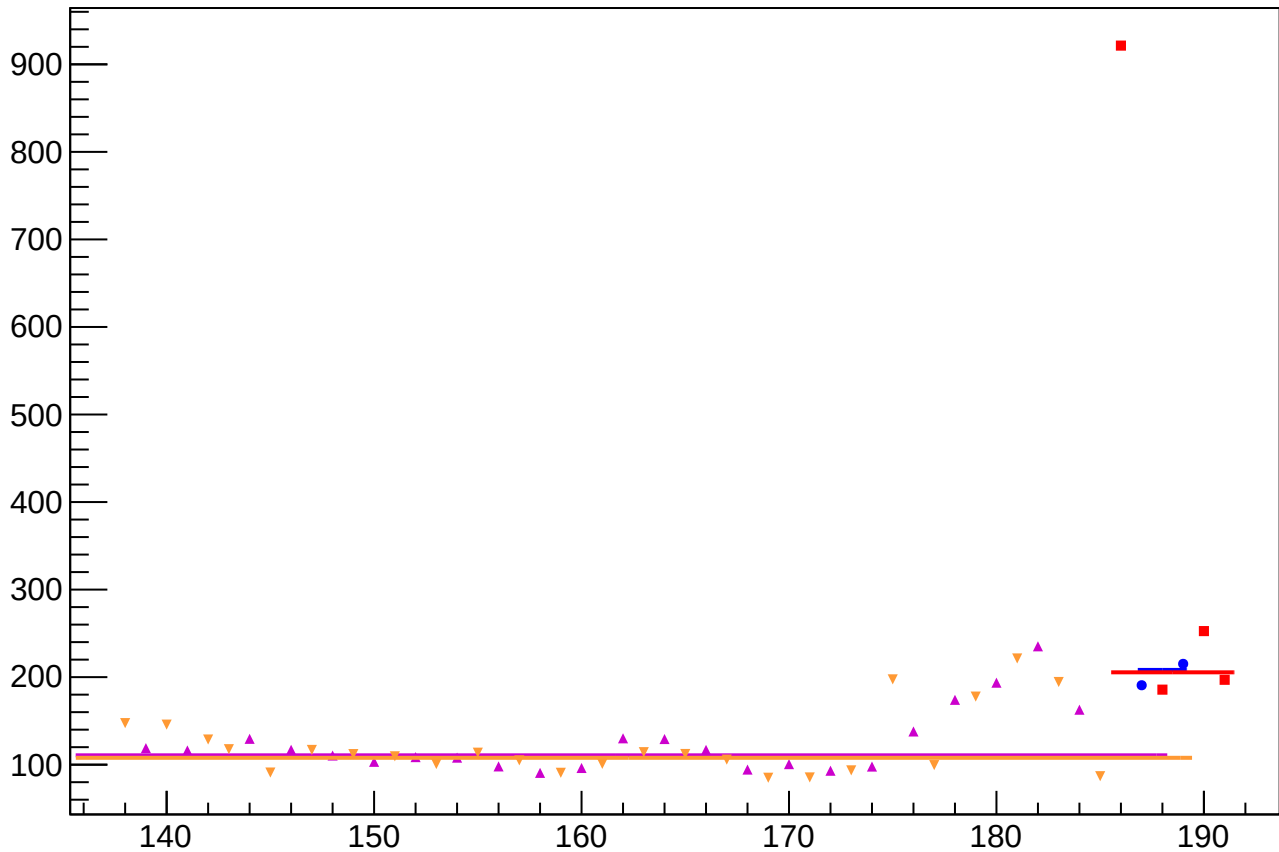
Left In: -66.254 ± 27.450 χ^2/NDF : 24.2/22

+ sign 31.141 ± 26.193 χ^2/NDF : 19.8/26

All: -15.629 ± 18.824 χ^2/NDF : 51.1/53

- sign -65.587 ± 27.071 χ^2/NDF : 24.7/26

dit_asym_sam_2468_avg_rms vs Slug



Right In: 208.241 $\pm$ 0.188 χ^2 /NDF: 3412.2/1

Left Out: 107.852 $\pm$ 0.019 χ^2 /NDF: 1833747.9/24

Right Out: 205.501 $\pm$ 0.115 χ^2 /NDF: 494932.0/3

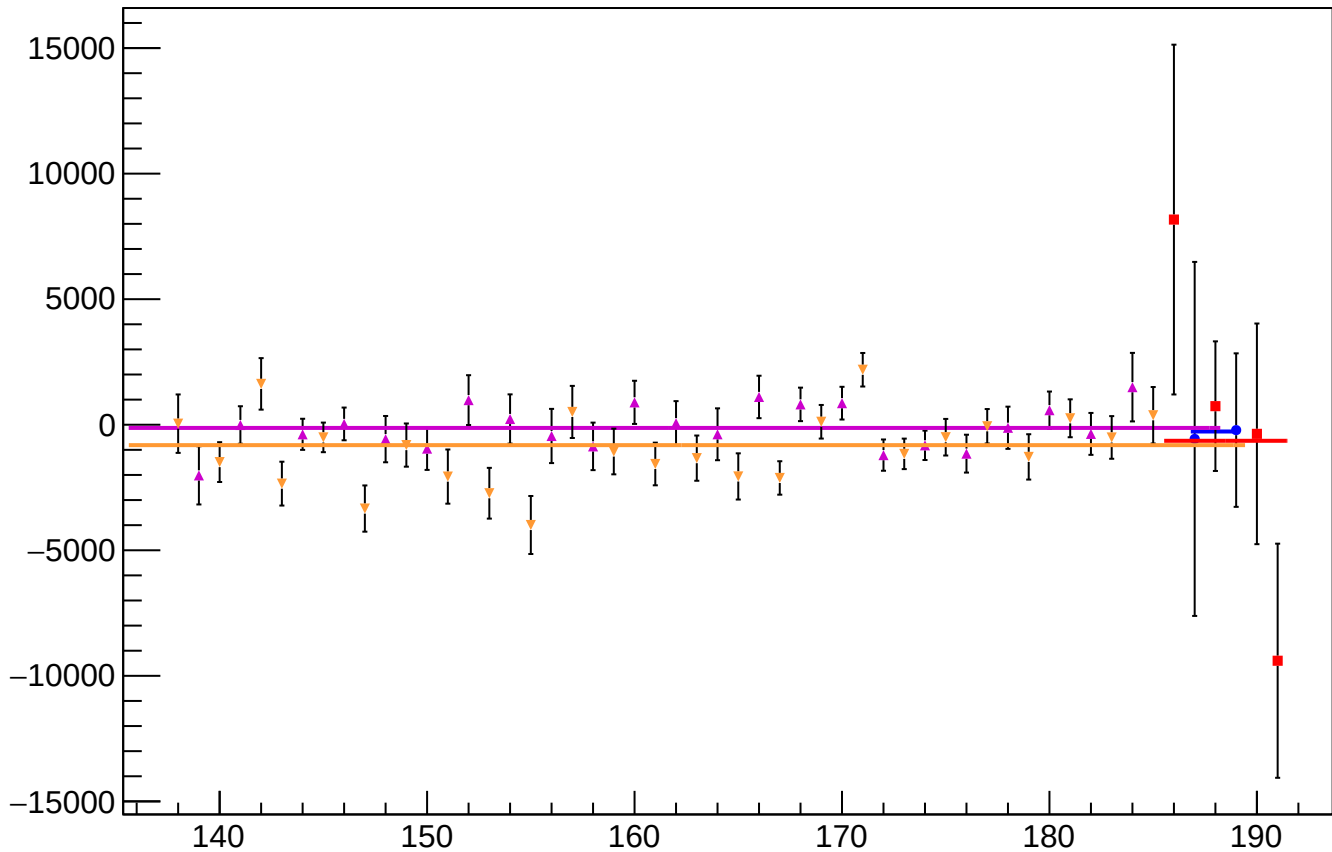
Left In: 110.691 $\pm$ 0.019 χ^2 /NDF: 1406587.3/22

+ sign 108.822 $\pm$ 0.019 χ^2 /NDF: 2118165.0/26

All: 110.985 $\pm$ 0.013 χ^2 /NDF: 4703406.5/53

- sign 113.296 $\pm$ 0.019 χ^2 /NDF: 2557025.9/26

asym_sam_2468_avg_correction_mean vs Slug



Right In: -269.421 ± 2804.465 χ^2/NDF : 0.0/1

Left Out: -813.029 ± 164.102 χ^2/NDF : 66.2/24

Right Out: -639.717 ± 1929.820 χ^2/NDF : 5.4/3

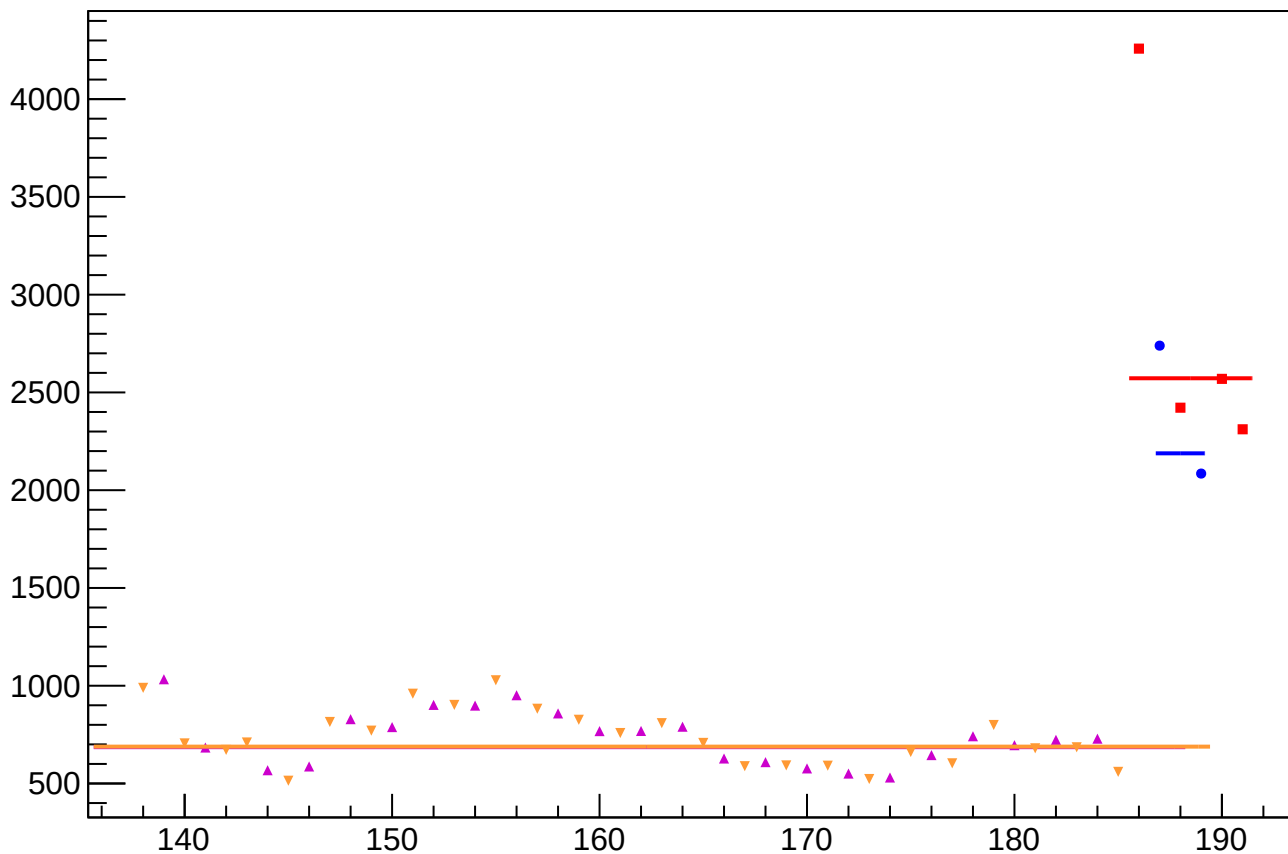
Left In: -127.427 ± 166.308 χ^2/NDF : 22.8/22

+ sign -811.174 ± 163.822 χ^2/NDF : 66.2/26

All: -475.053 ± 116.496 χ^2/NDF : 103.0/53

- sign -131.204 ± 165.694 χ^2/NDF : 28.2/26

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2188.517 $\pm$ 1.983 χ^2/NDF : 14498.0/1

Left Out: 688.513 $\pm$ 0.116 χ^2/NDF :1287701.8/24

Right Out: 2572.393 $\pm$ 1.365 χ^2/NDF : 130226.5/3

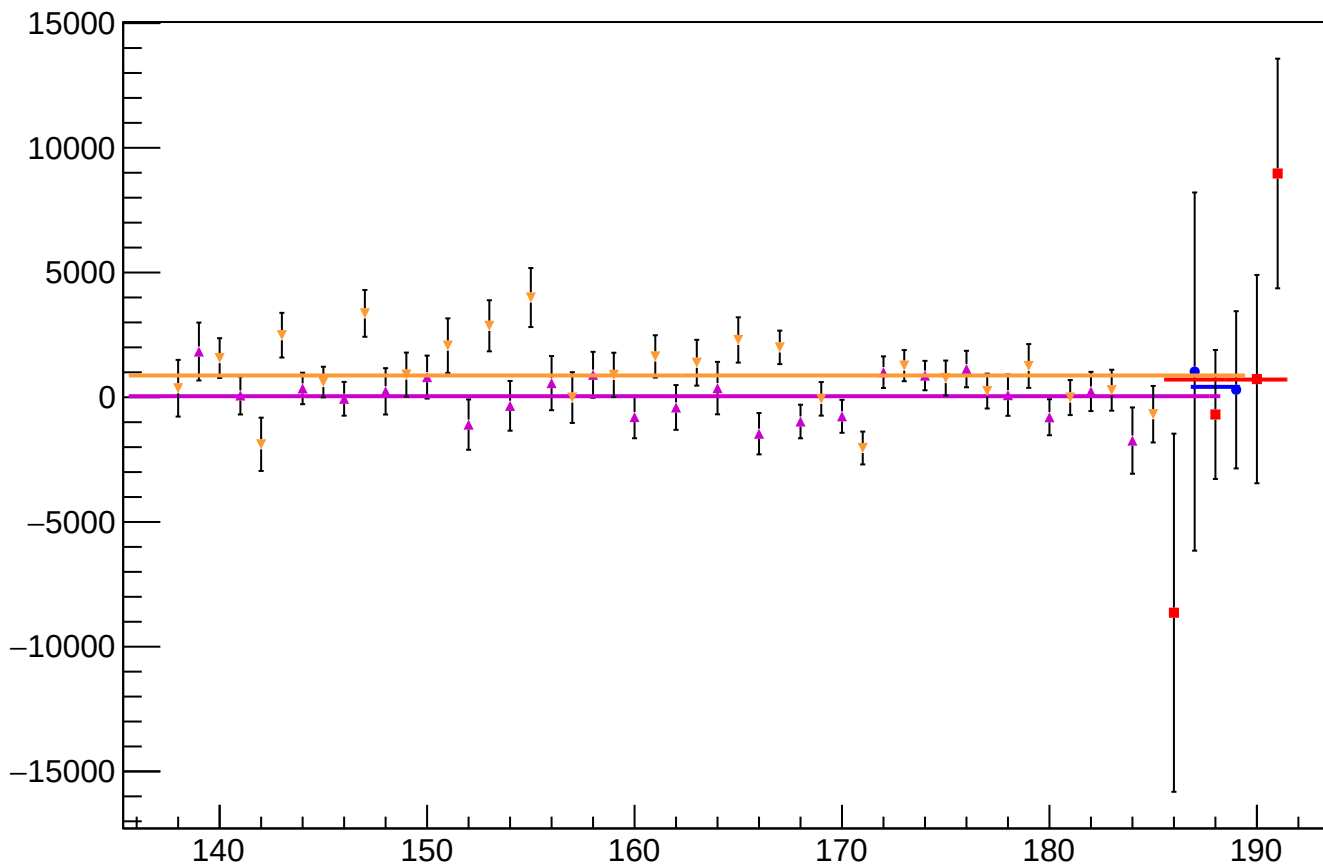
Left In: 685.733 $\pm$ 0.118 χ^2/NDF :1156263.7/22

+ sign 693.631 $\pm$ 0.116 χ^2/NDF : 1872403.7/26

All: 696.602 $\pm$ 0.082 χ^2/NDF : 5057672.7/53

- sign 699.642 $\pm$ 0.117 χ^2/NDF : 3183938.1/26

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: 709.154 $\pm$ 1911.760 χ^2 /NDF: 5.2/3

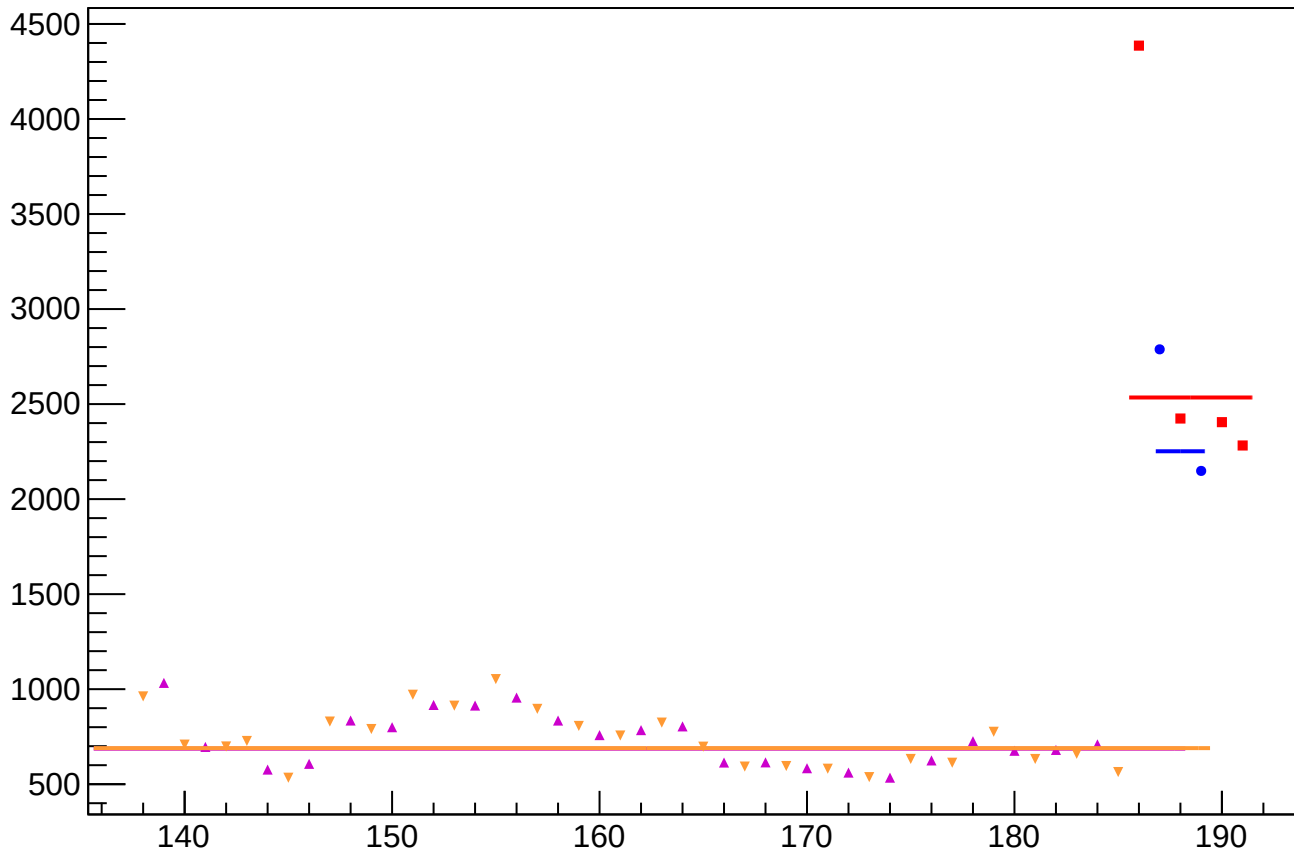
Left In: 41.522 $\pm$ 166.728 χ^2 /NDF: 24.1/22

+ sign 871.971 $\pm$ 164.003 χ^2 /NDF: 64.2/26

All: 464.503 $\pm$ 116.701 χ^2 /NDF: 106.1/53

- sign 46.562 $\pm$ 166.097 χ^2 /NDF: 29.4/26

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: 2534.721 $\pm$ 1.352 χ^2 /NDF: 144630.2/3

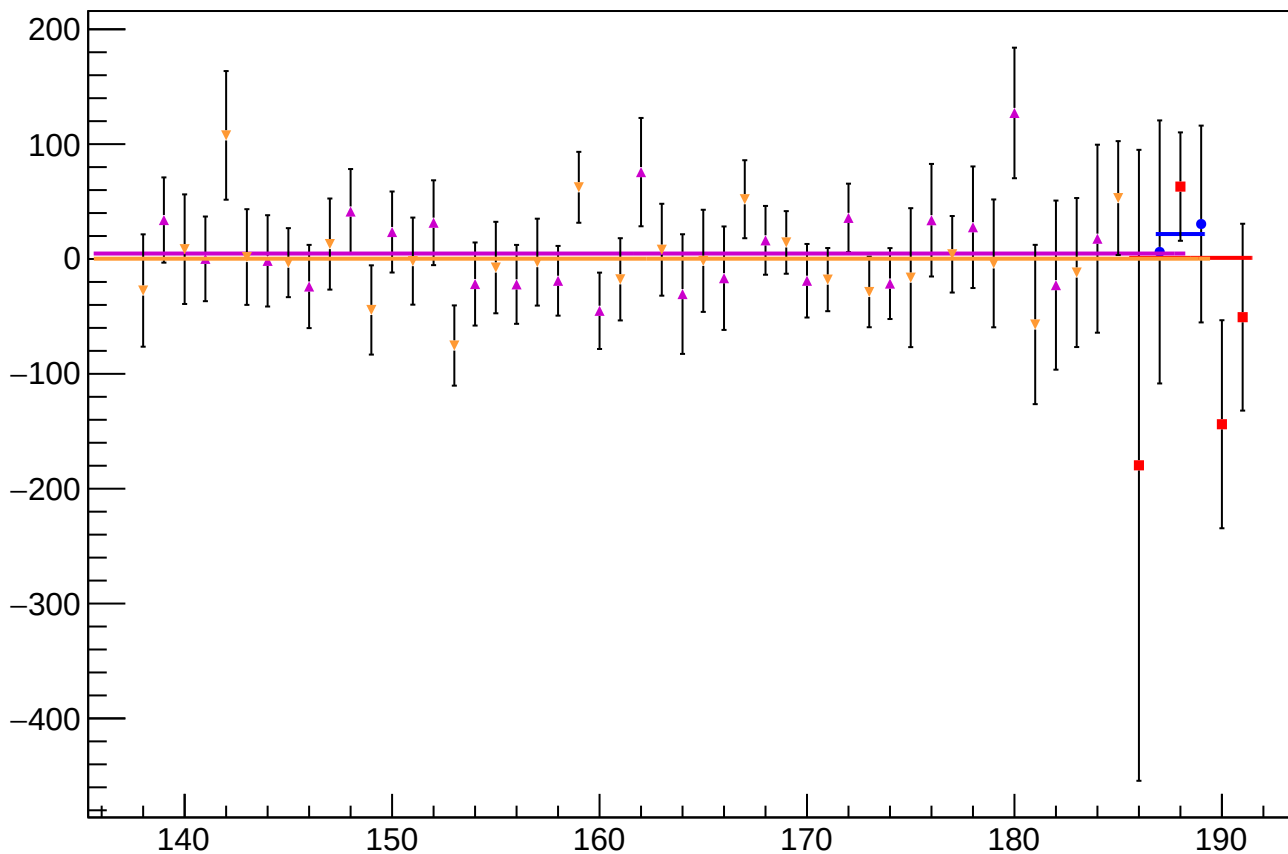
Left In: 686.944 $\pm$ 0.118 χ^2 /NDF: 1116042.4/22

+ sign 694.811 $\pm$ 0.116 χ^2 /NDF: 1855946.0/26

All: 697.813 $\pm$ 0.083 χ^2 /NDF: 4972242.5/53

- sign 700.892 $\pm$ 0.117 χ^2 /NDF: 3114939.4/26

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: 21.726 $\pm$ 68.600 χ^2 /NDF: 0.0/1

Left Out: 0.254 $\pm$ 7.690 χ^2 /NDF:20.4/24

Right Out: 0.979 $\pm$ 36.878 χ^2 /NDF: 5.1/3

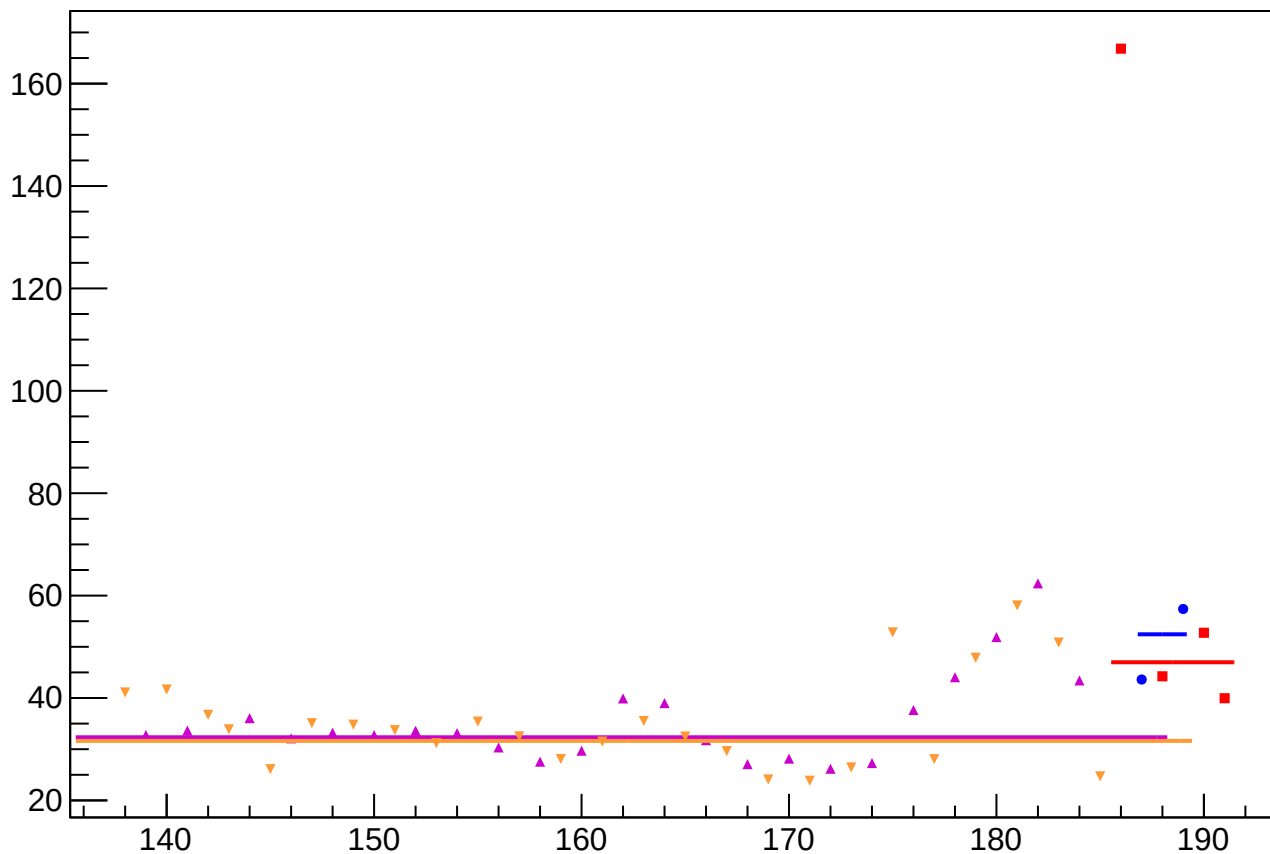
Left In: 4.745 $\pm$ 7.976 χ^2 /NDF:17.9/22

+ sign 0.521 $\pm$ 7.642 χ^2 /NDF: 20.5/26

All: 2.508 $\pm$ 5.457 χ^2 /NDF: 43.7/53

- sign 4.577 $\pm$ 7.796 χ^2 /NDF: 23.0/26

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 52.441 $\pm$ 0.049 χ^2 /NDF: 18560.2/1

Left Out: 31.624 $\pm$ 0.005 χ^2 /NDF: 1673431.1/24

Right Out: 46.981 $\pm$ 0.026 χ^2 /NDF: 410489.3/3

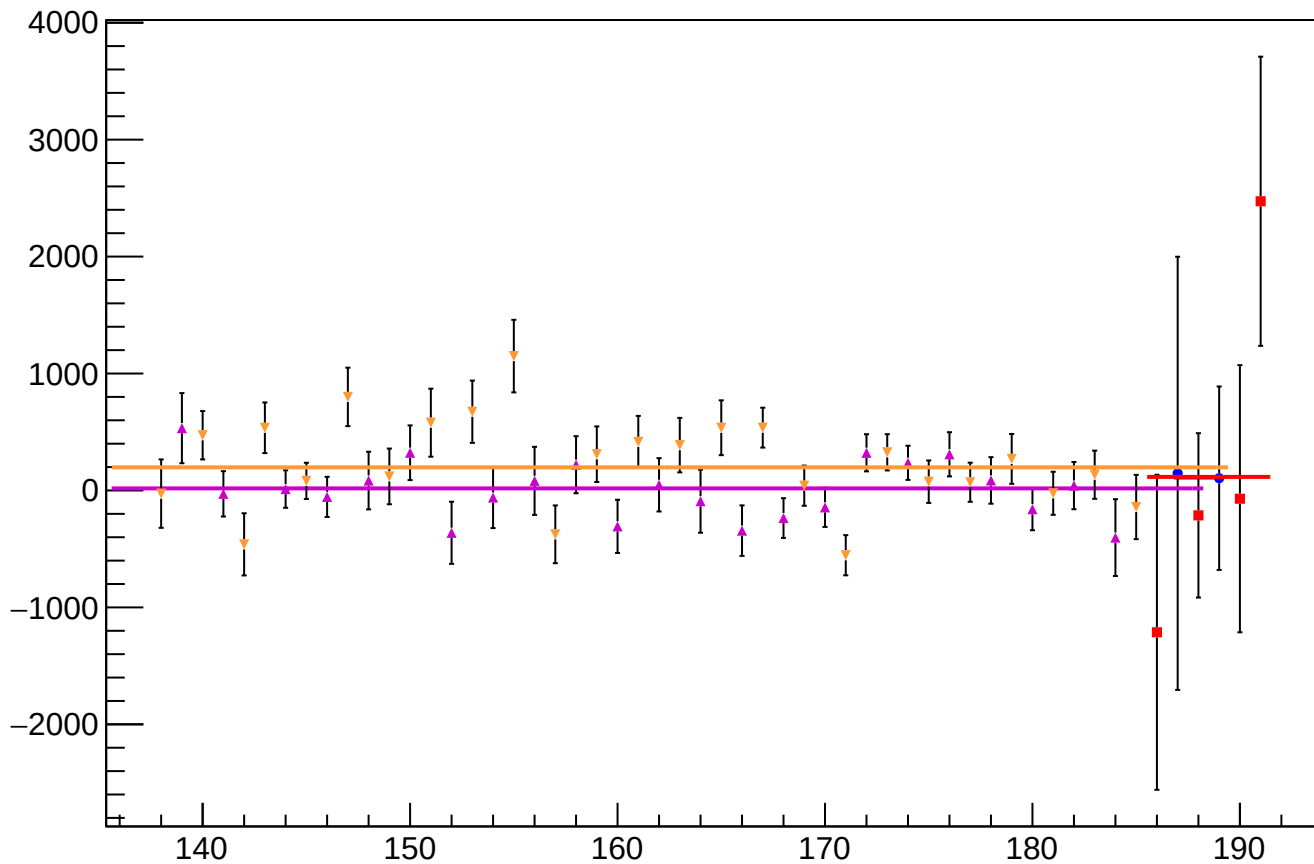
Left In: 32.331 $\pm$ 0.006 χ^2 /NDF: 1141501.0/22

+ sign 31.883 $\pm$ 0.005 χ^2 /NDF: 1873866.3/26

All: 32.423 $\pm$ 0.004 χ^2 /NDF: 3747805.1/53

- sign 32.986 $\pm$ 0.006 χ^2 /NDF: 1853519.2/26

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 111.202 ± 722.215 χ^2/NDF : 0.0/1

Left Out: 197.682 ± 41.831 χ^2/NDF : 69.9/24

Right Out: 116.036 ± 500.272 χ^2/NDF : 4.9/3

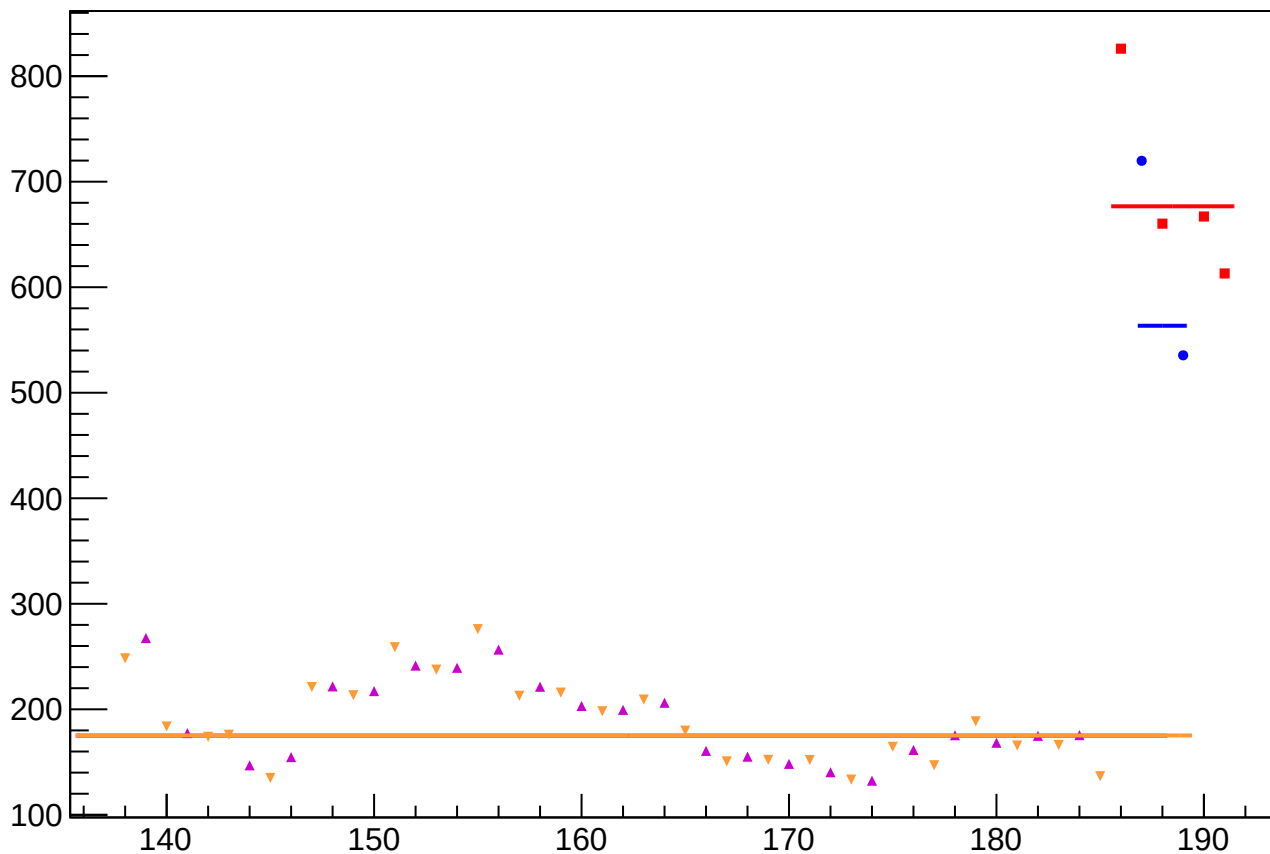
Left In: 17.742 ± 42.576 χ^2/NDF : 27.1/22

+ sign 197.393 ± 41.761 χ^2/NDF : 69.9/26

All: 109.326 ± 29.761 χ^2/NDF : 110.9/53

- sign 18.448 ± 42.423 χ^2/NDF : 32.0/26

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 563.481 $\pm$ 0.511 χ^2 /NDF: 16797.7/1

Left Out: 175.207 $\pm$ 0.030 χ^2 /NDF: 1418225.0/24

Right Out: 676.669 $\pm$ 0.354 χ^2 /NDF: 31135.8/3

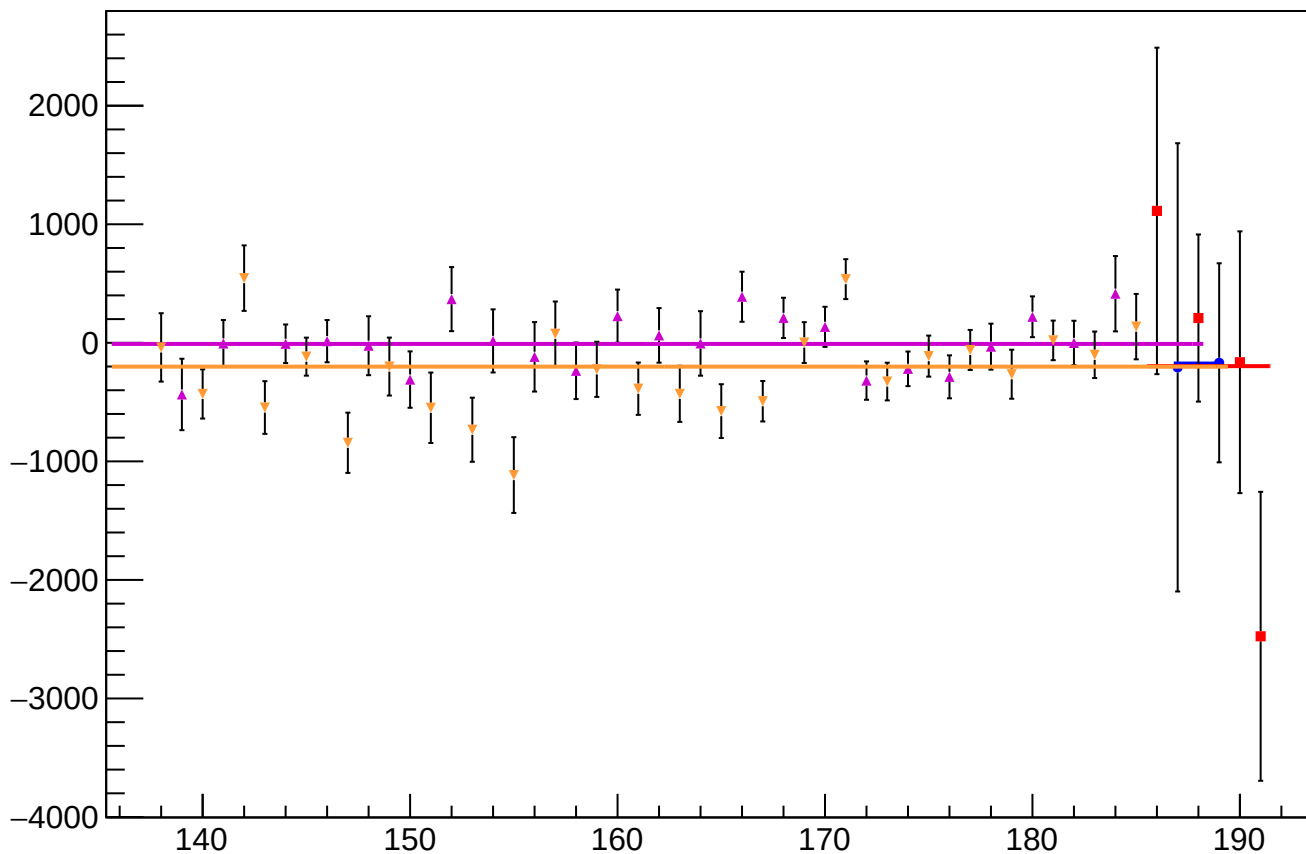
Left In: 175.051 $\pm$ 0.030 χ^2 /NDF: 1339755.1/22

+ sign 176.505 $\pm$ 0.030 χ^2 /NDF: 2011150.5/26

All: 177.565 $\pm$ 0.021 χ^2 /NDF: 5380971.0/53

- sign 178.658 $\pm$ 0.030 χ^2 /NDF: 3367205.5/26

asym_sam_1357_2468_dd_mean vs Slug



Right In: -174.929+/-767.345 χ^2/NDF : 0.0/1

Left Out: -200.930+/-41.741 χ^2/NDF : 65.5/24

Right Out: -196.755+/-497.893 χ^2/NDF : 4.7/3

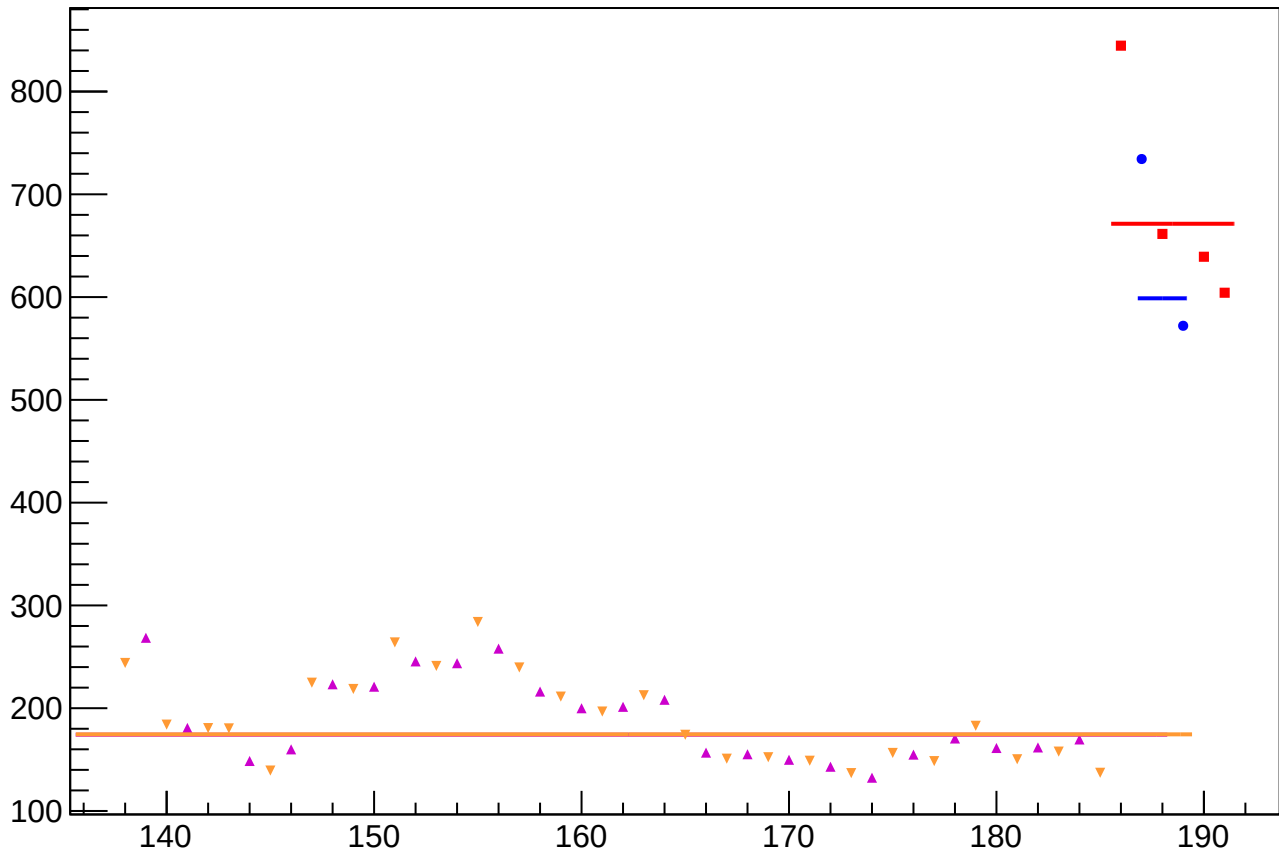
Left In: -9.384+/-42.437 χ^2/NDF : 25.4/22

+ sign -200.853+/-41.680 χ^2/NDF : 65.5/26

All: -107.161+/-29.683 χ^2/NDF : 106.0/53

- sign -10.735+/-42.284 χ^2/NDF : 30.3/26

asym_sam_1357_2468_dd_rms vs Slug



Right In: 598.812 $\pm$ 0.543 χ^2 /NDF: 12303.2/1

Left Out: 174.567 $\pm$ 0.030 χ^2 /NDF:1532900.3/24

Right Out: 671.345 $\pm$ 0.352 χ^2 /NDF: 39817.3/3

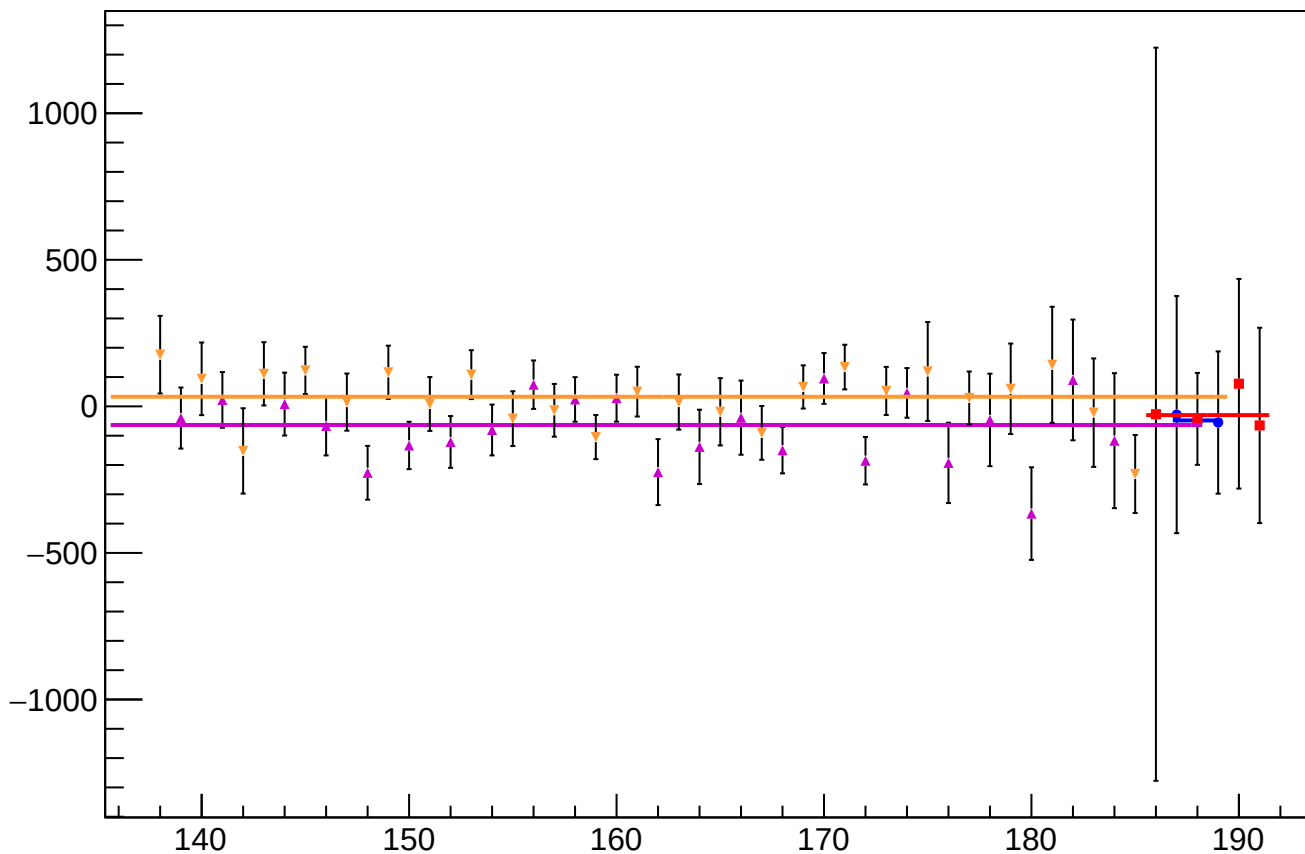
Left In: 174.217 $\pm$ 0.030 χ^2 /NDF:1364600.9/22

+ sign 175.818 $\pm$ 0.029 χ^2 /NDF: 2154740.1/26

All: 176.796 $\pm$ 0.021 χ^2 /NDF: 5540872.0/53

- sign 177.802 $\pm$ 0.030 χ^2 /NDF: 3383898.7/26

dit_asym_sam_12345678_avg_mean vs Slug



Right In: -47.978 ± 208.068 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 32.793 ± 19.705 $\chi^2/\text{NDF}: 19.5/24$

Right Out: -29.818 ± 131.164 $\chi^2/\text{NDF}: 0.1/3$

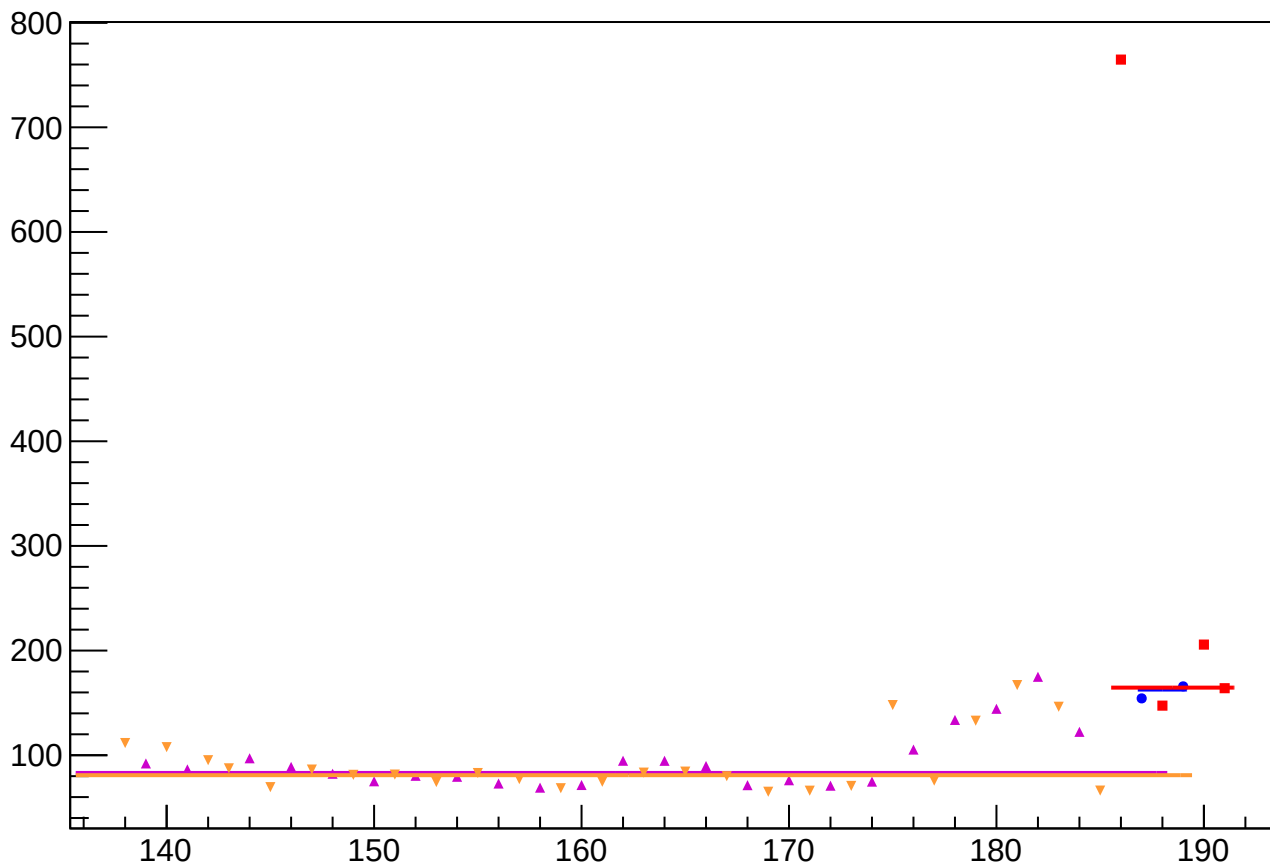
Left In: -63.566 ± 20.573 $\chi^2/\text{NDF}: 27.2/22$

+ sign 32.075 ± 19.618 $\chi^2/\text{NDF}: 19.7/26$

All: -13.661 ± 14.115 $\chi^2/\text{NDF}: 58.3/53$

- sign -62.756 ± 20.325 $\chi^2/\text{NDF}: 27.3/26$

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 162.758 $\pm$ 0.147 χ^2 /NDF: 1186.4/1

Left Out: 80.926 $\pm$ 0.014 χ^2 /NDF: 1760910.0/24

Right Out: 164.598 $\pm$ 0.093 χ^2 /NDF: 511087.4/3

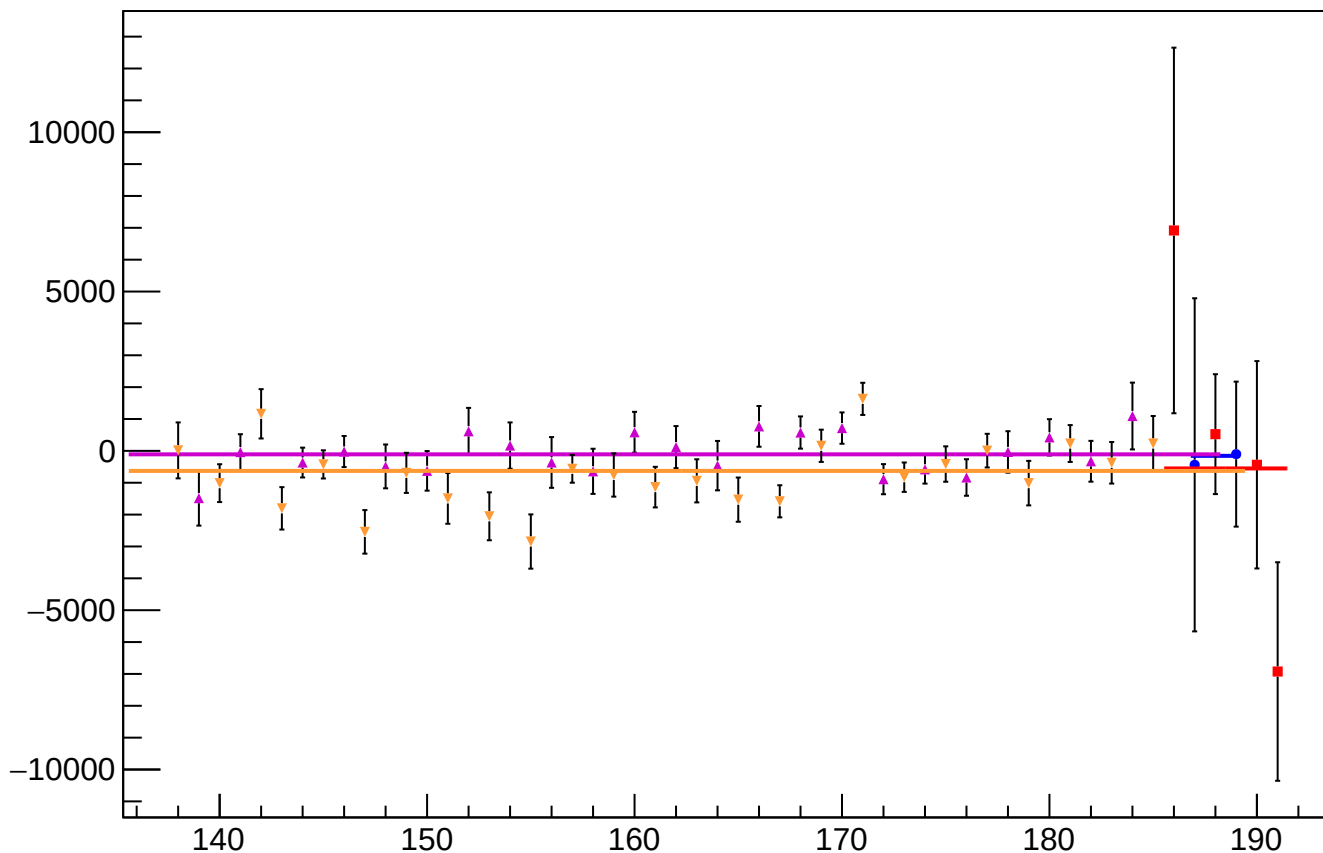
Left In: 83.071 $\pm$ 0.015 χ^2 /NDF: 1405124.8/22

+ sign 81.654 $\pm$ 0.014 χ^2 /NDF: 2068706.6/26

All: 83.281 $\pm$ 0.010 χ^2 /NDF: 4767599.7/53

- sign 85.028 $\pm$ 0.014 χ^2 /NDF: 2670354.9/26

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -155.893+/-2086.197 χ^2/NDF : 0.0/1

Left Out: -629.005+/-120.608 χ^2/NDF : 63.2/24

Right Out: -551.568+/-1425.031 χ^2/NDF : 5.5/3

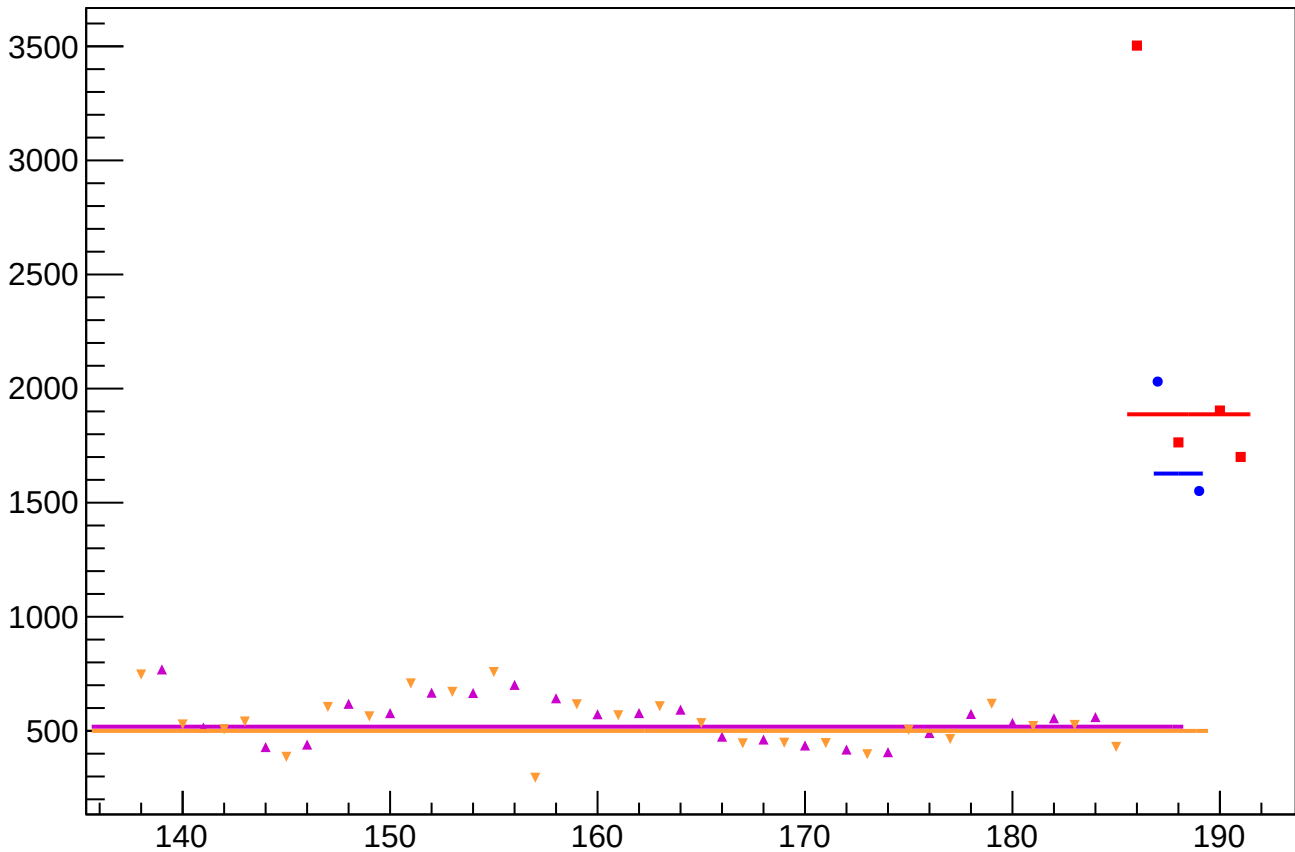
Left In: -108.821+/-125.527 χ^2/NDF : 21.4/22

+ sign -627.429+/-120.407 χ^2/NDF : 63.2/26

All: -379.558+/-86.733 χ^2/NDF : 99.0/53

- sign -112.230+/-125.043 χ^2/NDF : 27.0/26

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1627.560 ± 1.475 χ^2/NDF : 14153.5/1

Left Out: 499.813 ± 0.085 χ^2/NDF : 1626530.8/24

Right Out: 1887.245 ± 1.008 χ^2/NDF : 173258.2/3

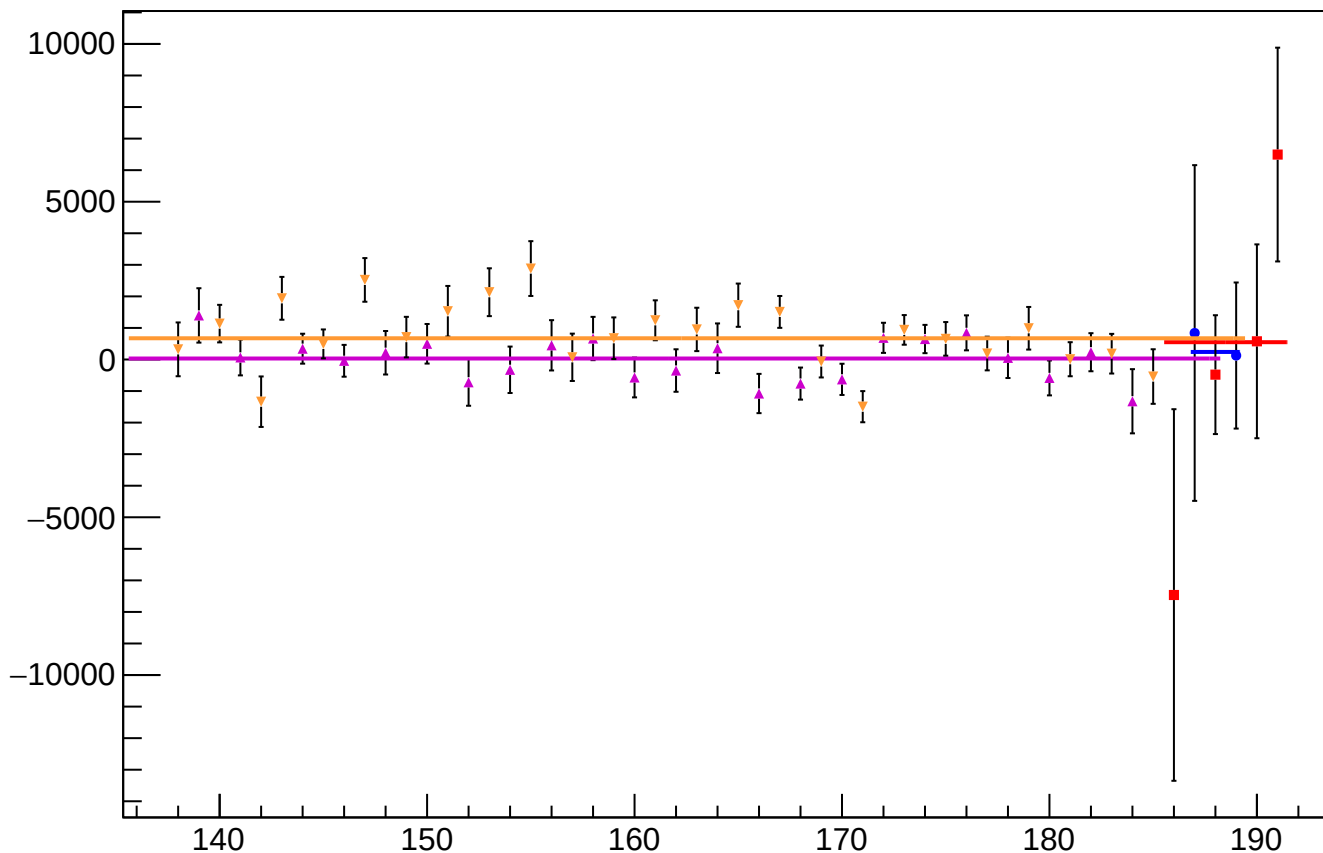
Left In: 518.244 ± 0.089 χ^2/NDF : 1071993.3/22

+ sign 503.570 ± 0.085 χ^2/NDF : 2223181.6/26

All: 515.701 ± 0.061 χ^2/NDF : 5342237.5/53

- sign 528.785 ± 0.088 χ^2/NDF : 3076856.0/26

asym_sam_12345678_avg_mean vs Slug



Right In: 238.964 ± 2122.447 χ^2/NDF : 0.0/1

Left Out: 672.498 ± 123.428 χ^2/NDF : 62.8/24

Right Out: 548.230 ± 1408.636 χ^2/NDF : 5.2/3

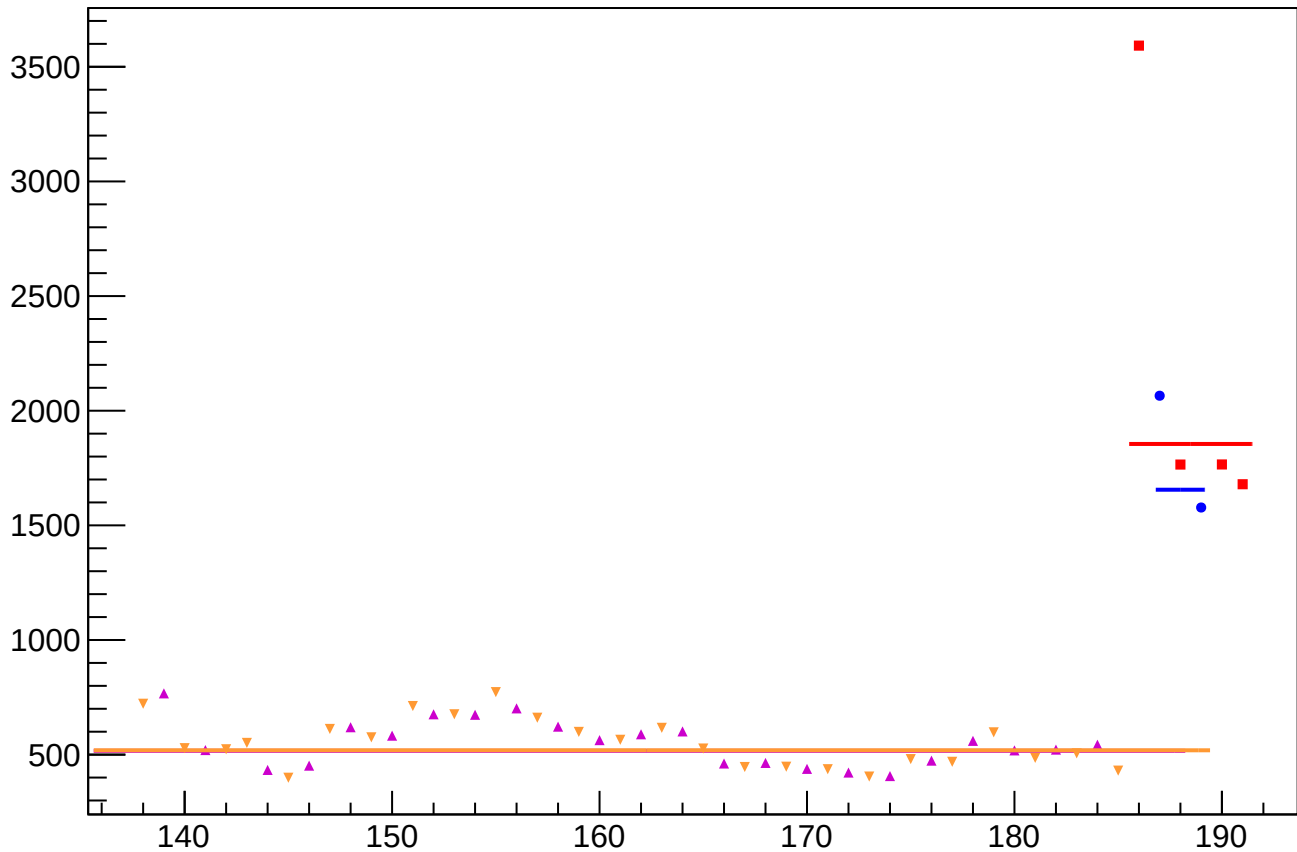
Left In: 31.056 ± 125.236 χ^2/NDF : 23.8/22

+ sign 671.037 ± 123.220 χ^2/NDF : 62.8/26

All: 356.984 ± 87.664 χ^2/NDF : 105.2/53

- sign 35.112 ± 124.744 χ^2/NDF : 29.2/26

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: 1855.012+/-0.996 χ^2 /NDF: 185746.3/3

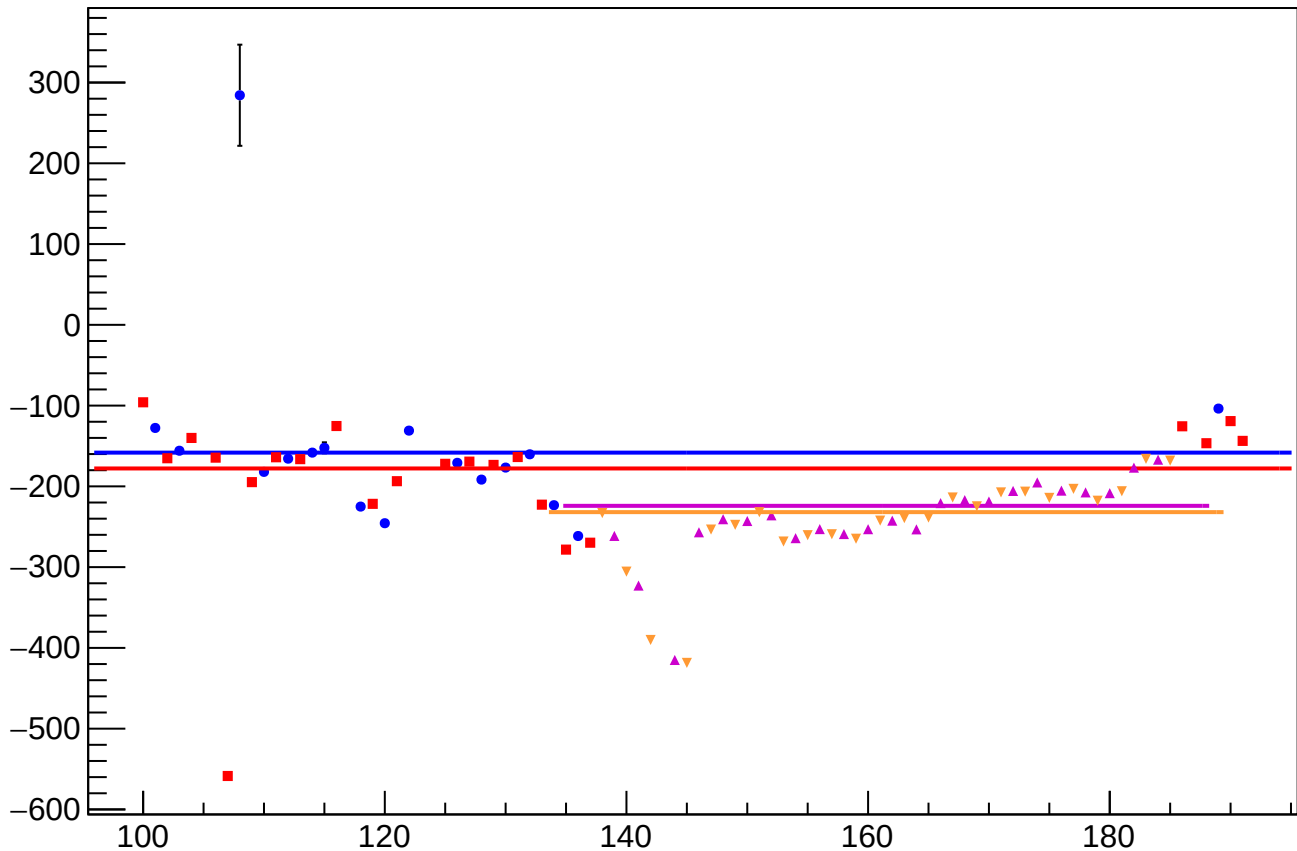
Left In: 516.594+/-0.089 χ^2 /NDF:1036092.8/22

+ sign 522.765+/-0.087 χ^2 /NDF: 1758250.0/26

All: 524.901+/-0.062 χ^2 /NDF: 4772720.8/53

- sign 527.090+/-0.088 χ^2 /NDF: 3013254.0/26

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 χ^2/NDF : 118190.6/16

Left Out: -231.902 ± 0.108 χ^2/NDF : 110473.4/23

Right Out: -177.839 ± 0.138 χ^2/NDF : 210825.5/21

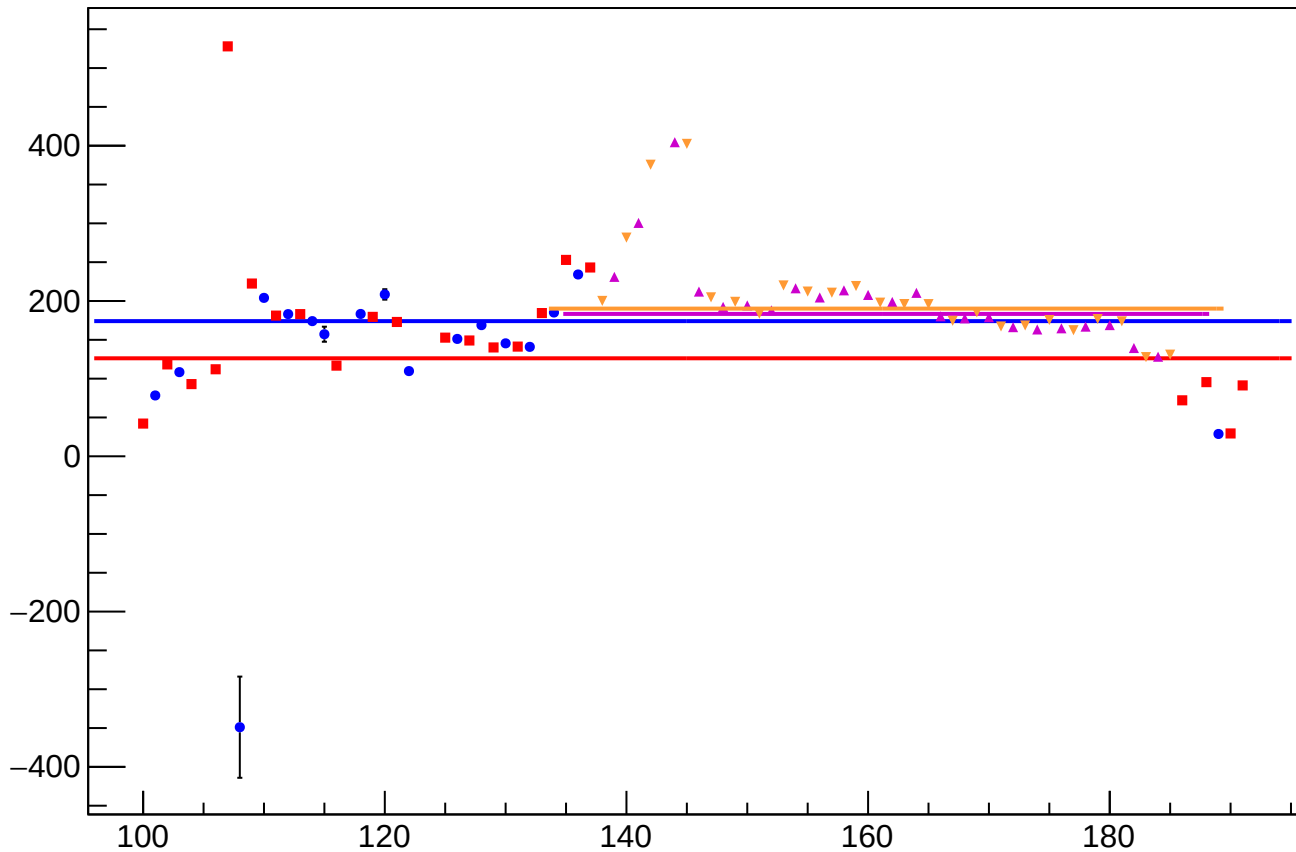
Left In: -224.103 ± 0.098 χ^2/NDF : 153347.0/22

+ sign -158.222 ± 0.000 χ^2/NDF : 692827.7/40

All: -158.222 ± 0.000 χ^2/NDF : 1526591.4/85

- sign -208.504 ± 0.080 χ^2/NDF : 438882.5/44

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 54736.4/16

Left Out: 190.208 $\pm$ 0.109 χ^2 /NDF:99613.5/23

Right Out: 126.206 $\pm$ 0.154 χ^2 /NDF: 208673.4/21

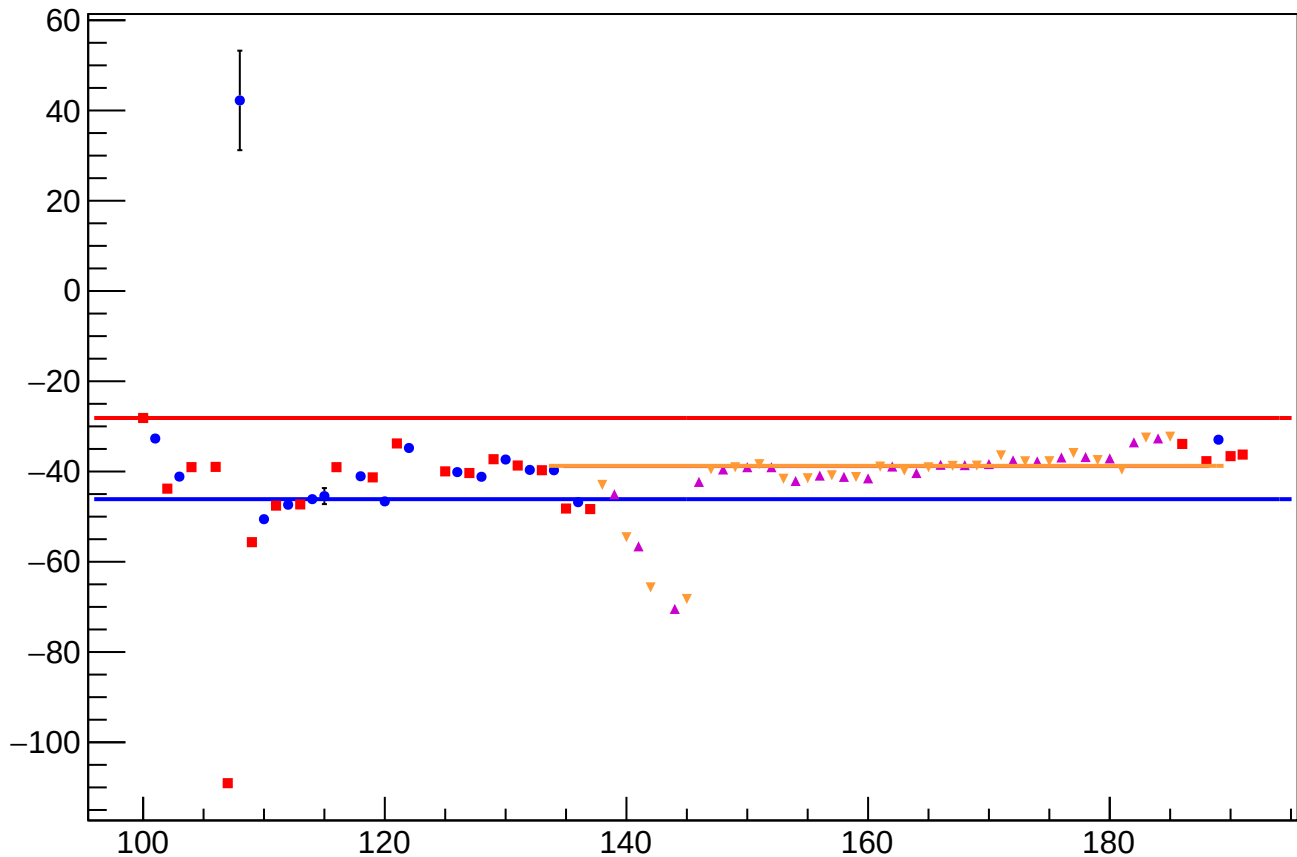
Left In: 183.362 $\pm$ 0.099 χ^2 /NDF:155441.6/22

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 176363.6/40

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 646537.3/85

- sign 166.580 $\pm$ 0.083 χ^2 /NDF: 462033.6/44

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 χ^2/NDF : 411089.4/16

Left Out: -38.745 ± 0.006 χ^2/NDF : 400638.0/23

Right Out: -28.139 ± 0.000 χ^2/NDF : 829518.4/21

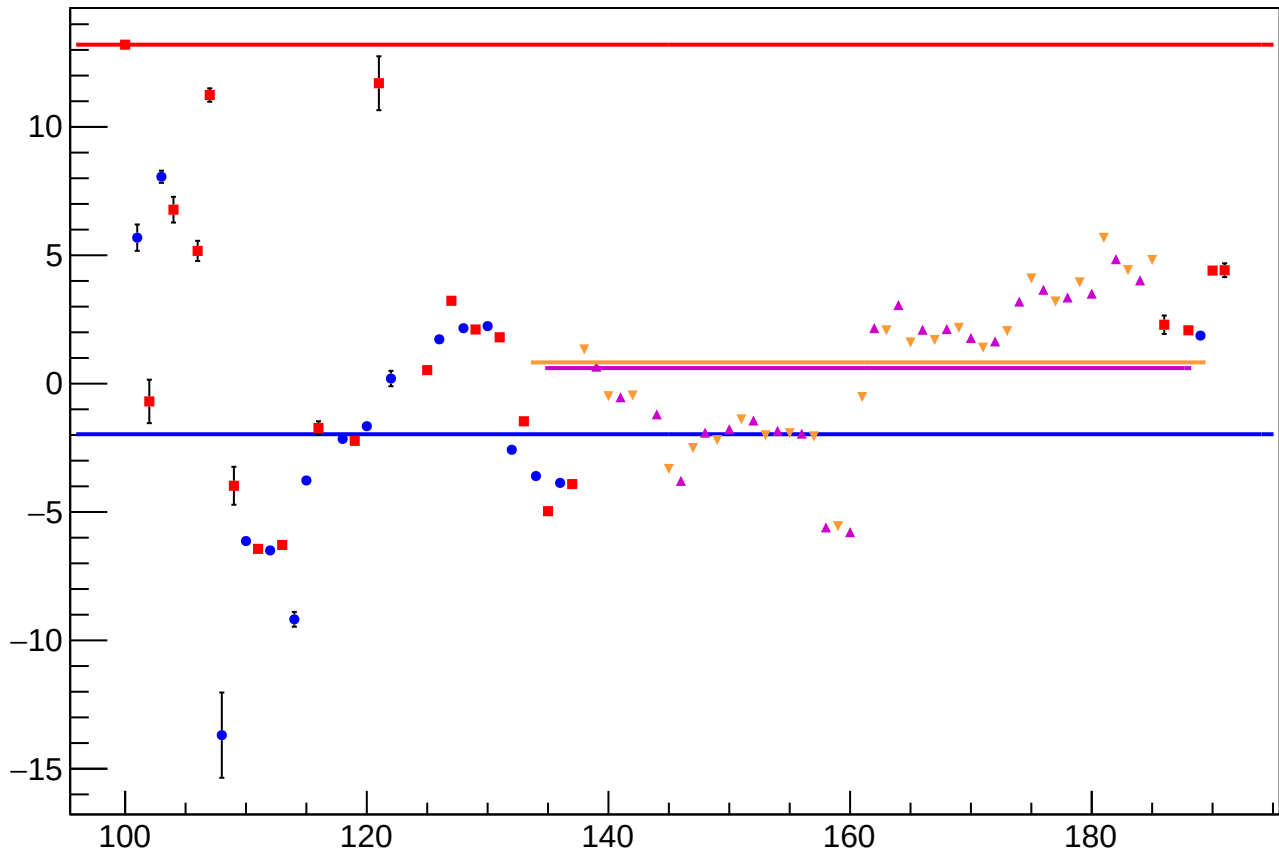
Left In: -38.794 ± 0.007 χ^2/NDF : 321993.9/22

+ sign -46.126 ± 0.000 χ^2/NDF : 2388912.5/40

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

- sign -28.139 ± 0.000 χ^2/NDF : 3803281.4/44

dit_usl_4aY_slope vs Slug



Right In: -1.970 ± 0.018 χ^2/NDF : 26786.1/16

Left Out: 0.828 ± 0.006 χ^2/NDF : 255303.5/23

Right Out: 13.204 ± 0.000 χ^2/NDF : 533567.8/21

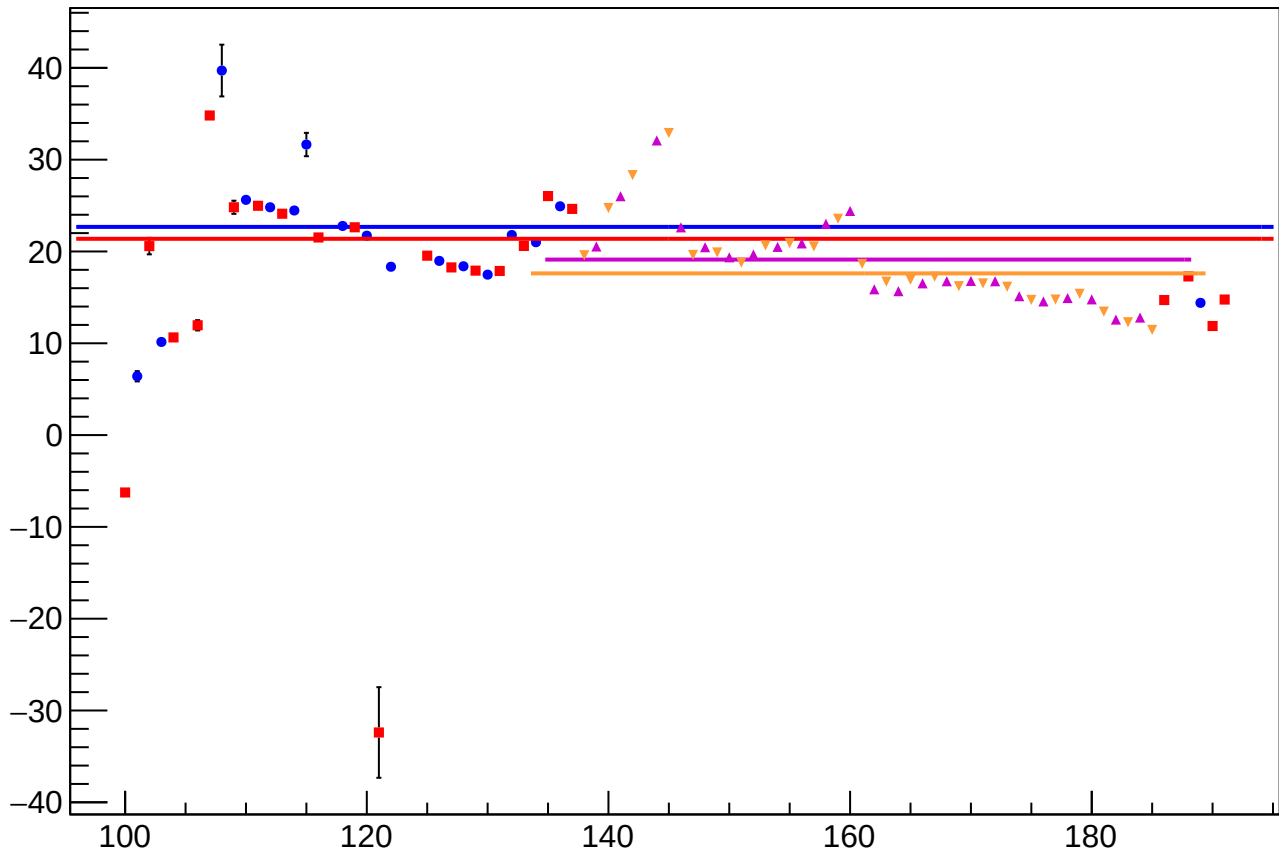
Left In: 0.606 ± 0.005 χ^2/NDF : 331282.7/22

+ sign 0.526 ± 0.006 χ^2/NDF : 304594.6/40

All: 13.204 ± 0.000 χ^2/NDF : 12190513.8/85

- sign 13.204 ± 0.000 χ^2/NDF : 7085095.8/44

dit_usl_4eY_slope vs Slug



Right In: 22.678 $\pm$ 0.019 χ^2 /NDF: 23530.6/16

Left Out: 17.613 $\pm$ 0.007 χ^2 /NDF: 178438.8/23

Right Out: 21.381 $\pm$ 0.021 χ^2 /NDF: 31686.6/21

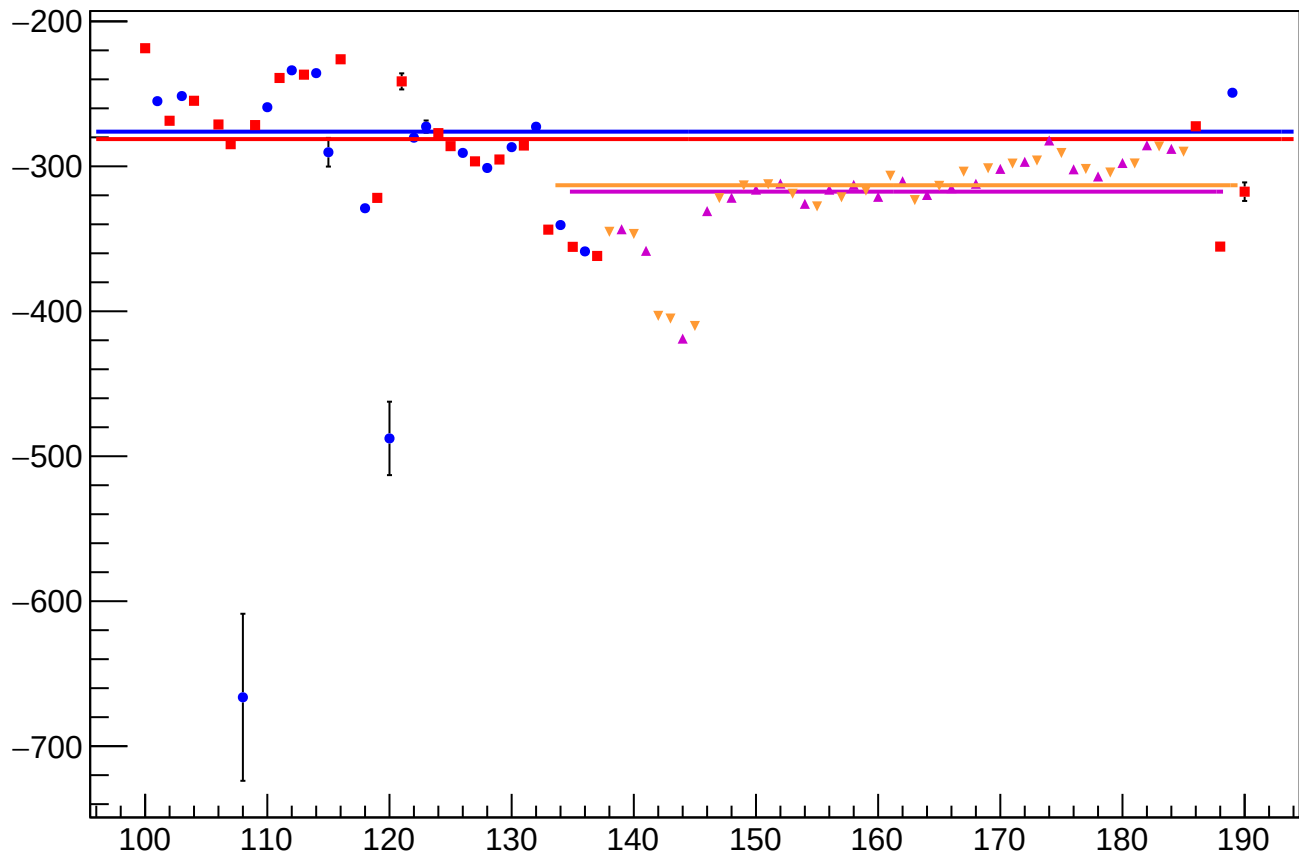
Left In: 19.117 $\pm$ 0.007 χ^2 /NDF: 229353.0/22

+ sign 18.254 $\pm$ 0.007 χ^2 /NDF: 265938.3/40

All: 18.801 $\pm$ 0.005 χ^2 /NDF: 551325.8/85

- sign 19.356 $\pm$ 0.007 χ^2 /NDF: 271791.4/44

dit_usr_4aX_slope vs Slug



Right In: -276.079+/-0.166 χ^2/NDF : 58227.1/17

Left Out: -313.052+/-0.096 χ^2/NDF : 54405.8/24

Right Out: -281.212+/-0.135 χ^2/NDF : 83655.9/21

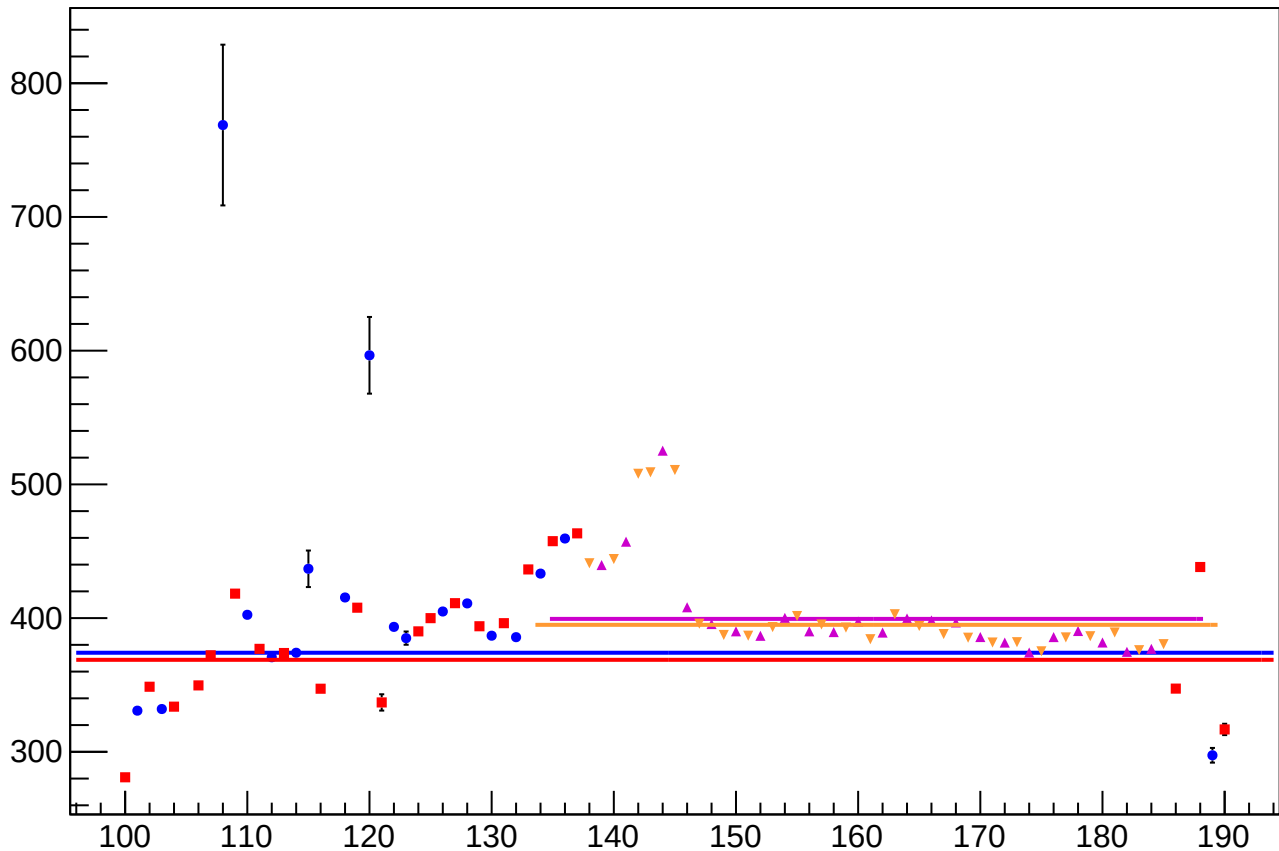
Left In: -317.471+/-0.095 χ^2/NDF : 63067.6/22

+ sign -303.825+/-0.083 χ^2/NDF : 149779.3/42

All: -304.674+/-0.057 χ^2/NDF : 344905.1/87

- sign -305.418+/-0.078 χ^2/NDF : 194929.8/44

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35266.3/17

Left Out: 394.968 $\pm$ 0.096 χ^2 /NDF: 68076.2/24

Right Out: 368.801 $\pm$ 0.139 χ^2 /NDF: 118150.5/21

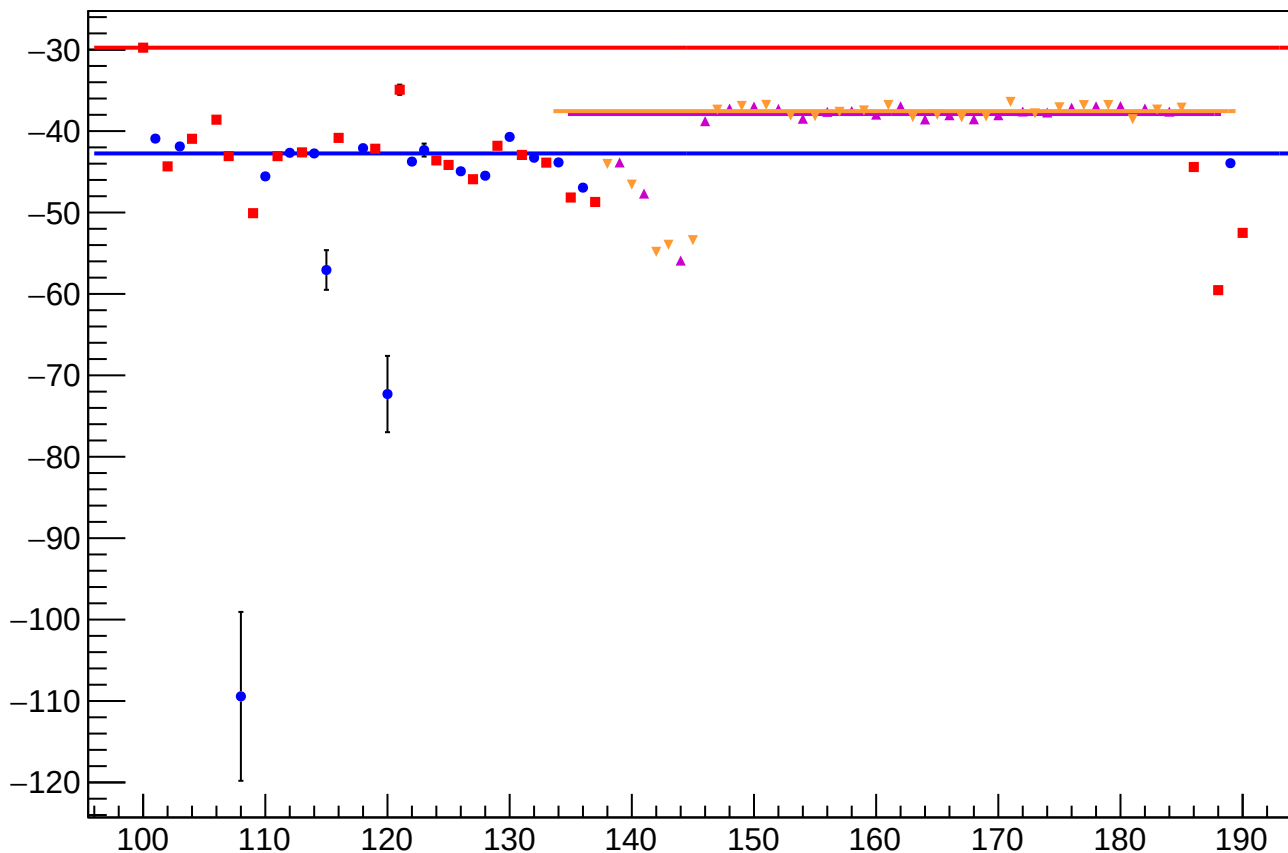
Left In: 399.410 $\pm$ 0.097 χ^2 /NDF: 77209.0/22

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 150613.2/42

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 415724.5/87

- sign 389.418 $\pm$ 0.079 χ^2 /NDF: 227954.9/44

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13626.7/17

Left Out: -37.547 $\pm$ 0.004 χ^2 /NDF: 267131.7/24

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 547009.6/21

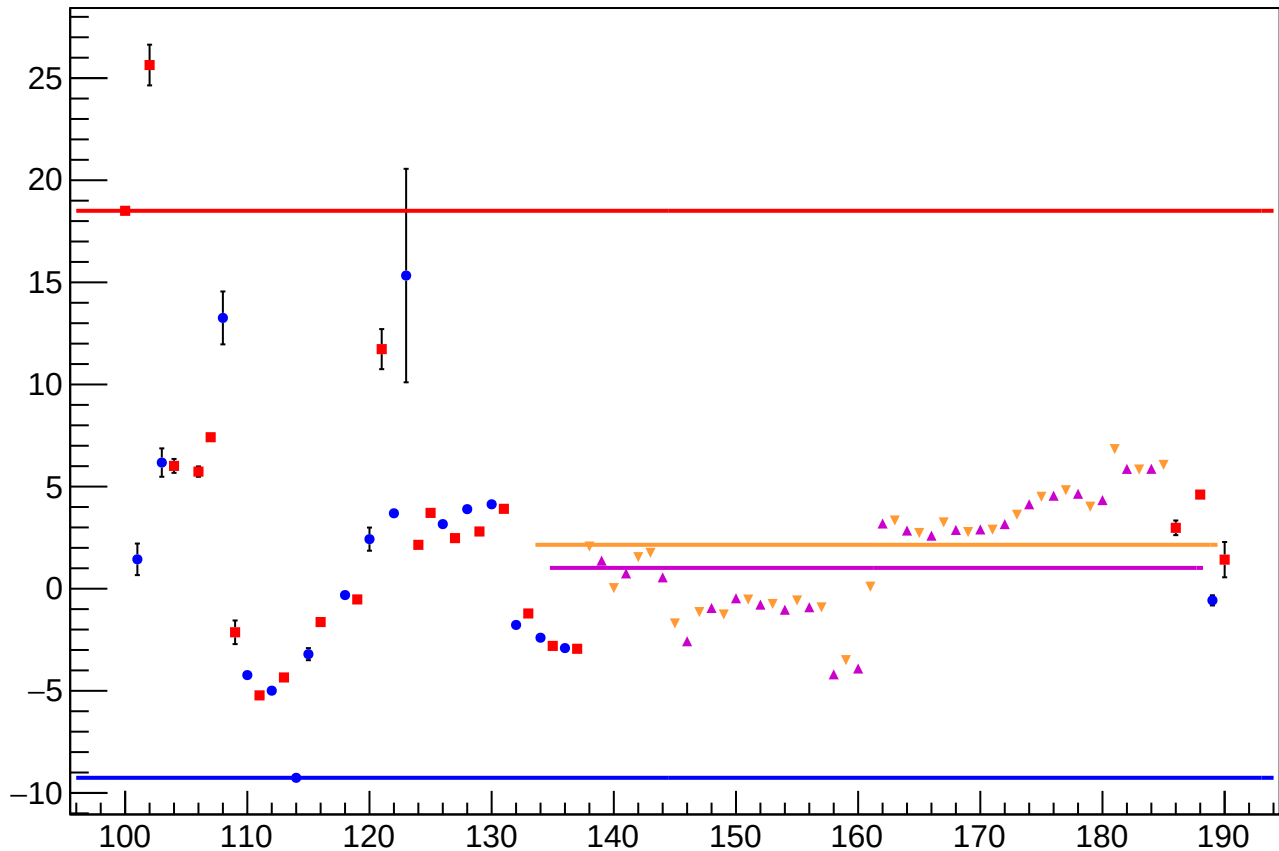
Left In: -37.903 $\pm$ 0.004 χ^2 /NDF: 156960.8/22

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 2116306.4/42

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 4564322.4/44

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 407072.4/17

Left Out: 2.149+/-0.005 χ^2/NDF :290739.3/24

Right Out: 18.504+/-0.000 χ^2/NDF : 7382326.1/21

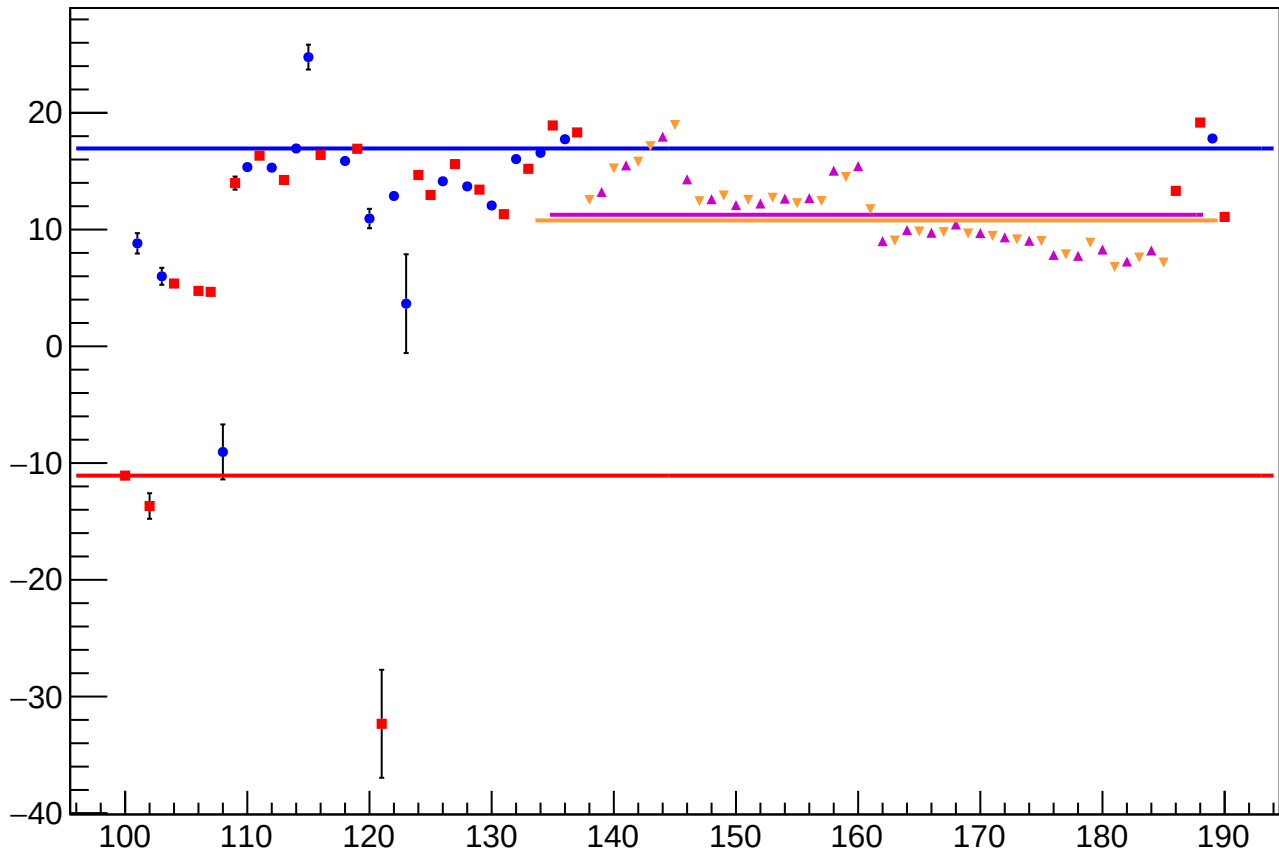
Left In: 1.019+/-0.006 χ^2/NDF :250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF : 6140669.9/42

All: 6.039+/-0.000 χ^2/NDF : 1645057450595

- sign 18.504+/-0.000 χ^2/NDF : 17033265.4/44

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11237.4/17

Left Out: 10.782 $\pm$ 0.007 χ^2 /NDF:129427.5/24

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2787001.1/21

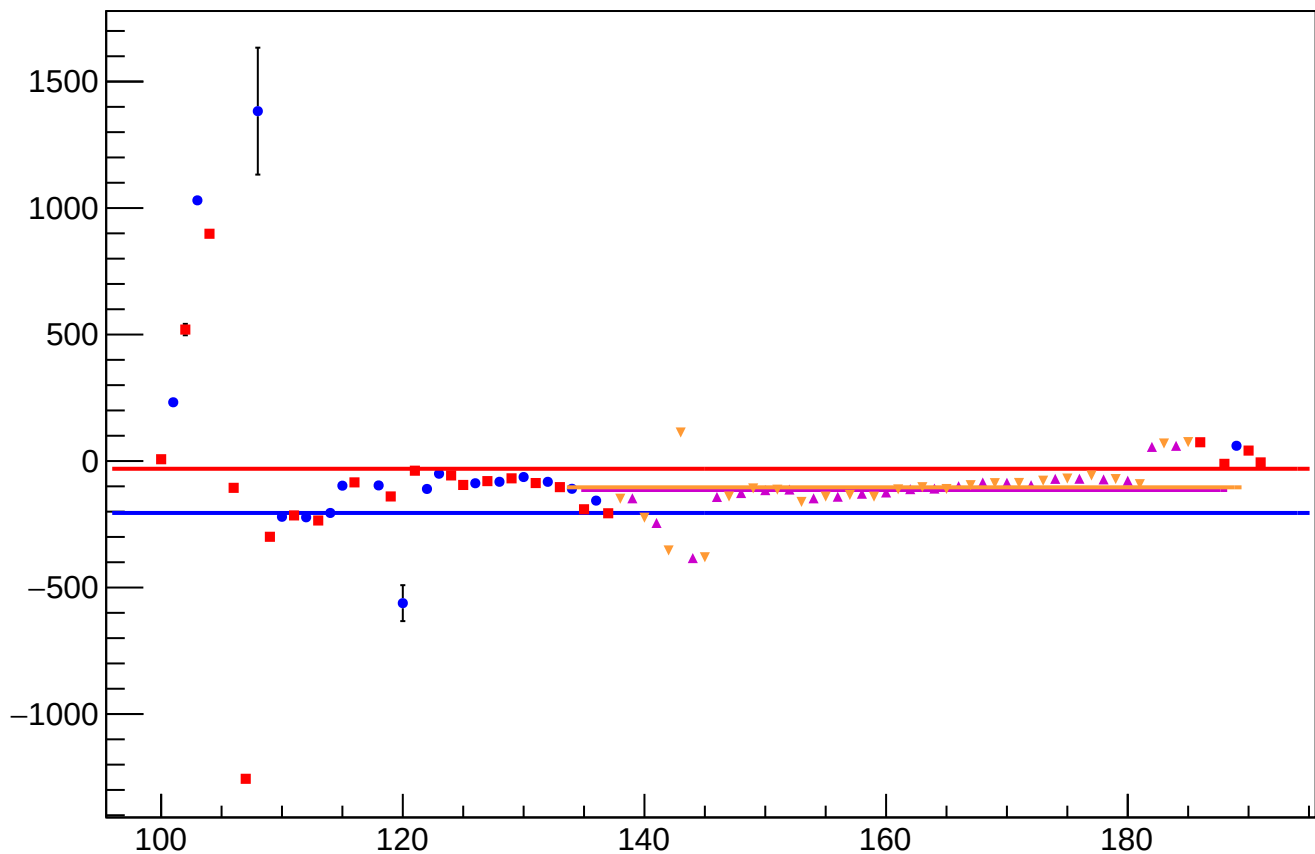
Left In: 11.267 $\pm$ 0.008 χ^2 /NDF:98438.0/22

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 995593.6/42

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 11004489.0/44

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1331321.3/17$

Left Out: -103.842 ± 0.192 $\chi^2/\text{NDF}: 94751.7/24$

Right Out: -30.536 ± 0.243 $\chi^2/\text{NDF}: 156496.1/22$

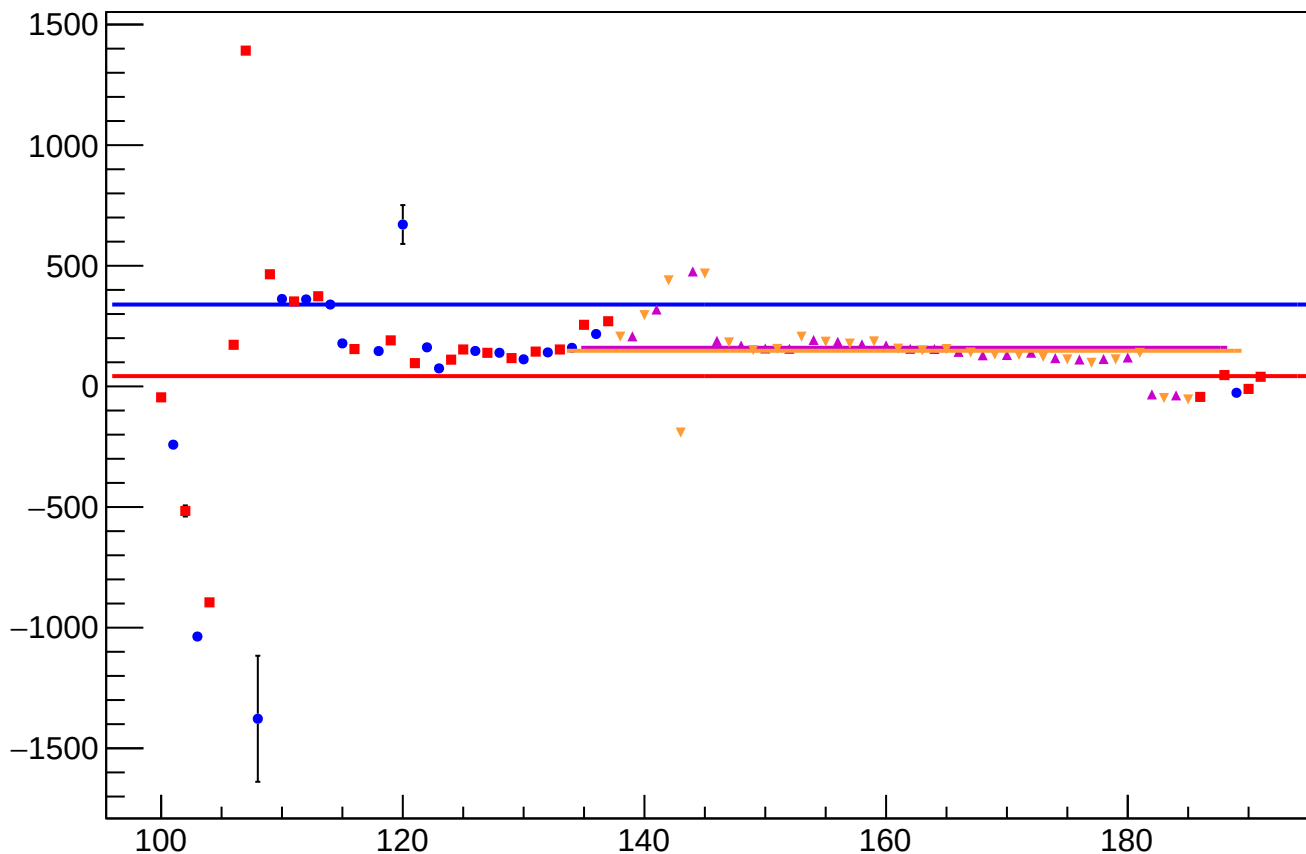
Left In: -114.444 ± 0.225 $\chi^2/\text{NDF}: 76837.7/22$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 1705443.1/42$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 2616235.5/88$

- sign -75.828 ± 0.165 $\chi^2/\text{NDF}: 297465.2/45$

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1208997.9/17

Left Out: 147.771+/-0.196 χ^2/NDF :134281.2/24

Right Out: 42.636+/-0.239 χ^2/NDF : 306748.5/22

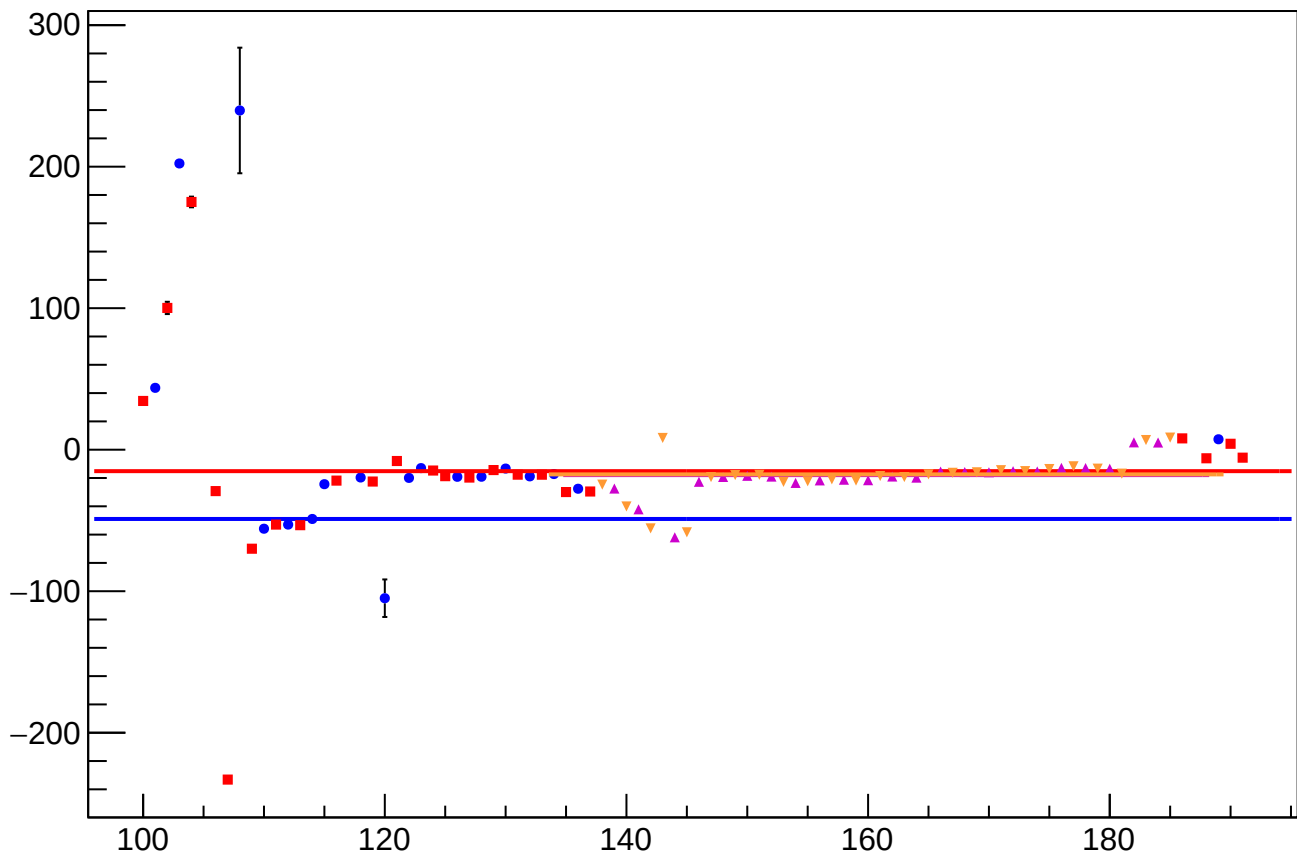
Left In: 160.049+/-0.230 χ^2/NDF :83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF : 2296904.3/42

All: 339.325+/-0.000 χ^2/NDF : 4834070.4/88

- sign 103.748+/-0.166 χ^2/NDF : 515658.3/45

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 6249837.7/17

Left Out: -17.446 ± 0.010 χ^2/NDF : 714044.4/24

Right Out: -15.161 ± 0.040 χ^2/NDF : 315706.4/22

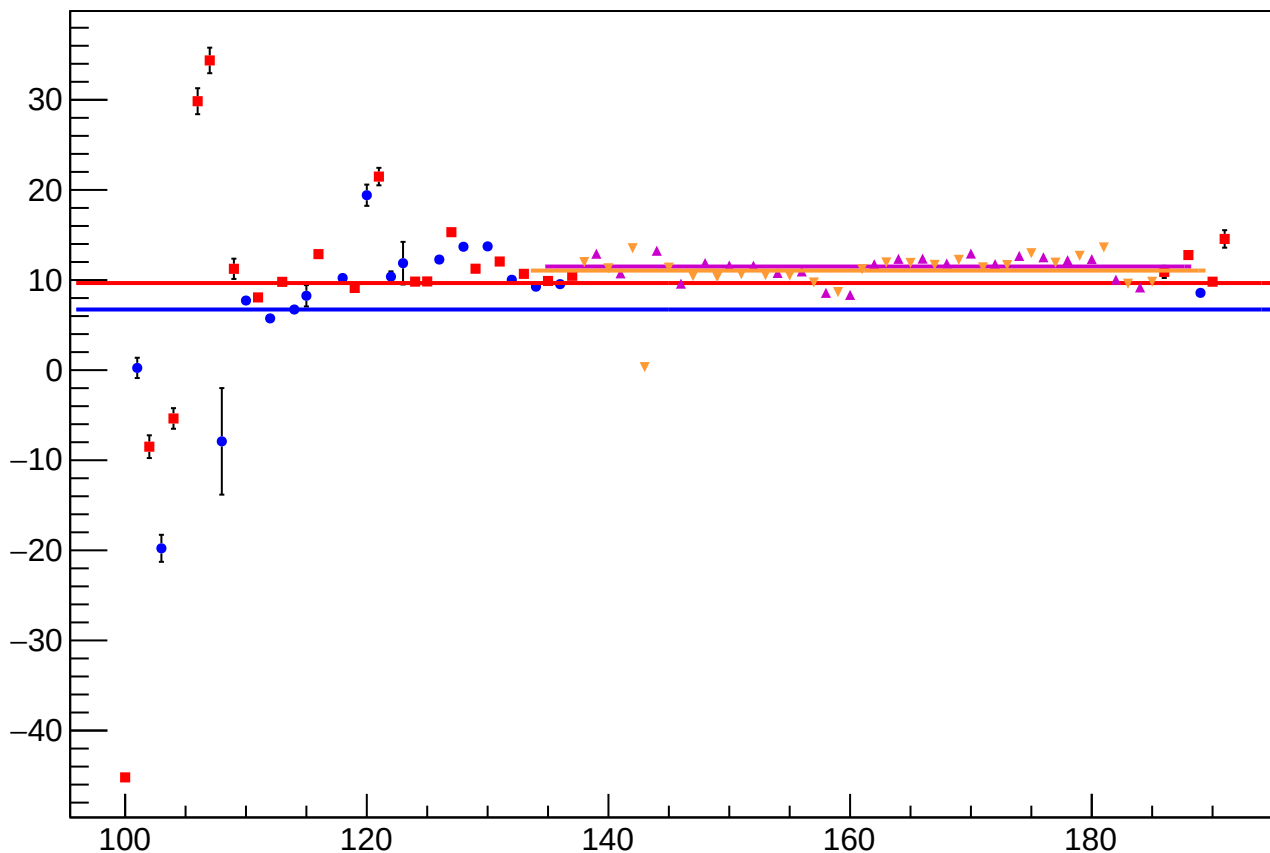
Left In: -17.951 ± 0.012 χ^2/NDF : 252123.1/22

+ sign -48.945 ± 0.000 χ^2/NDF : 16867321.0/42

All: -48.945 ± 0.000 χ^2/NDF : 24537384.1/88

- sign -17.710 ± 0.012 χ^2/NDF : 572288.2/45

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13770.5/17

Left Out: 11.049 $\pm$ 0.012 χ^2 /NDF: 31618.4/24

Right Out: 9.666 $\pm$ 0.035 χ^2 /NDF: 27245.3/22

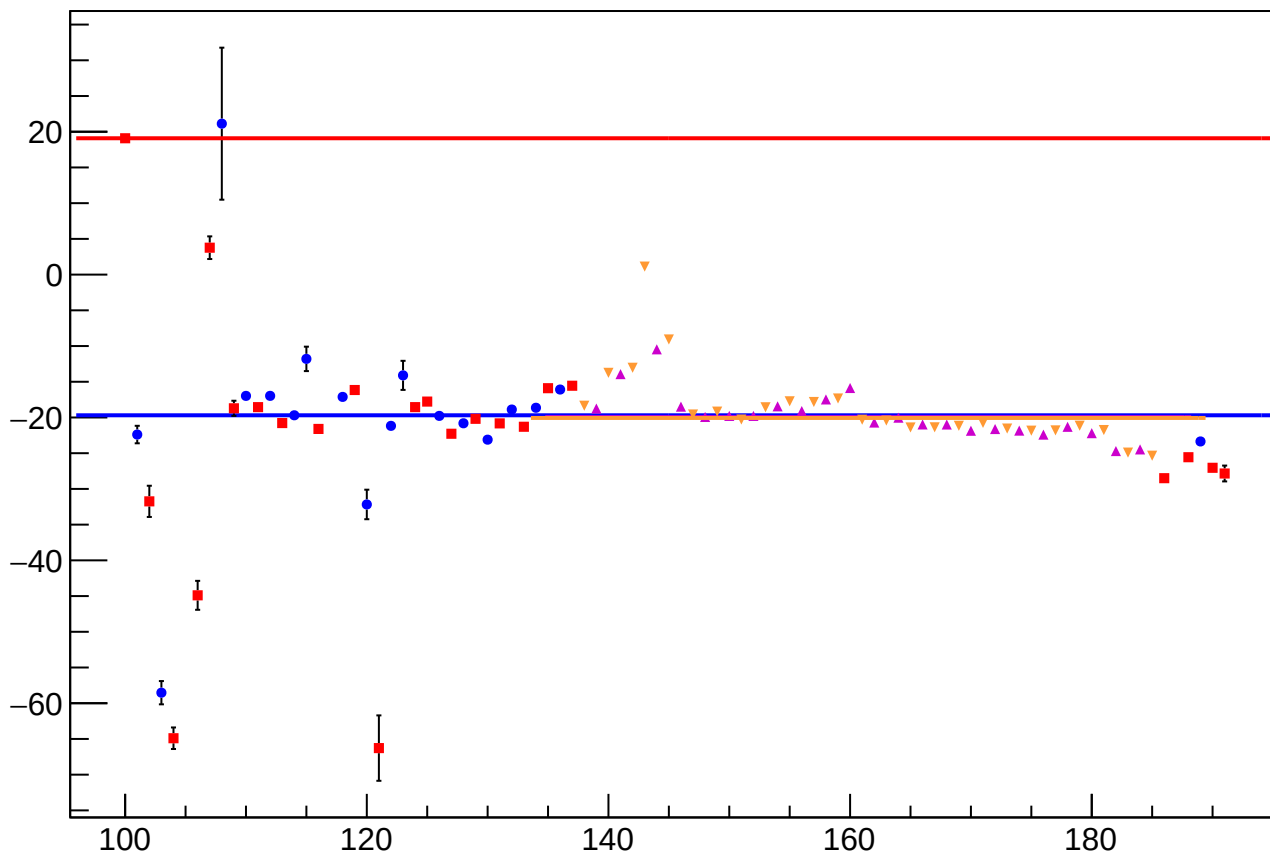
Left In: 11.498 $\pm$ 0.010 χ^2 /NDF: 15848.8/22

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 169843.7/42

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 429365.2/88

- sign 11.345 $\pm$ 0.010 χ^2 /NDF: 45670.2/45

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7617.8/17

Left Out: -20.065 ± 0.014 χ^2/NDF : 71466.1/24

Right Out: 19.086 ± 0.000 χ^2/NDF : 680828.9/22

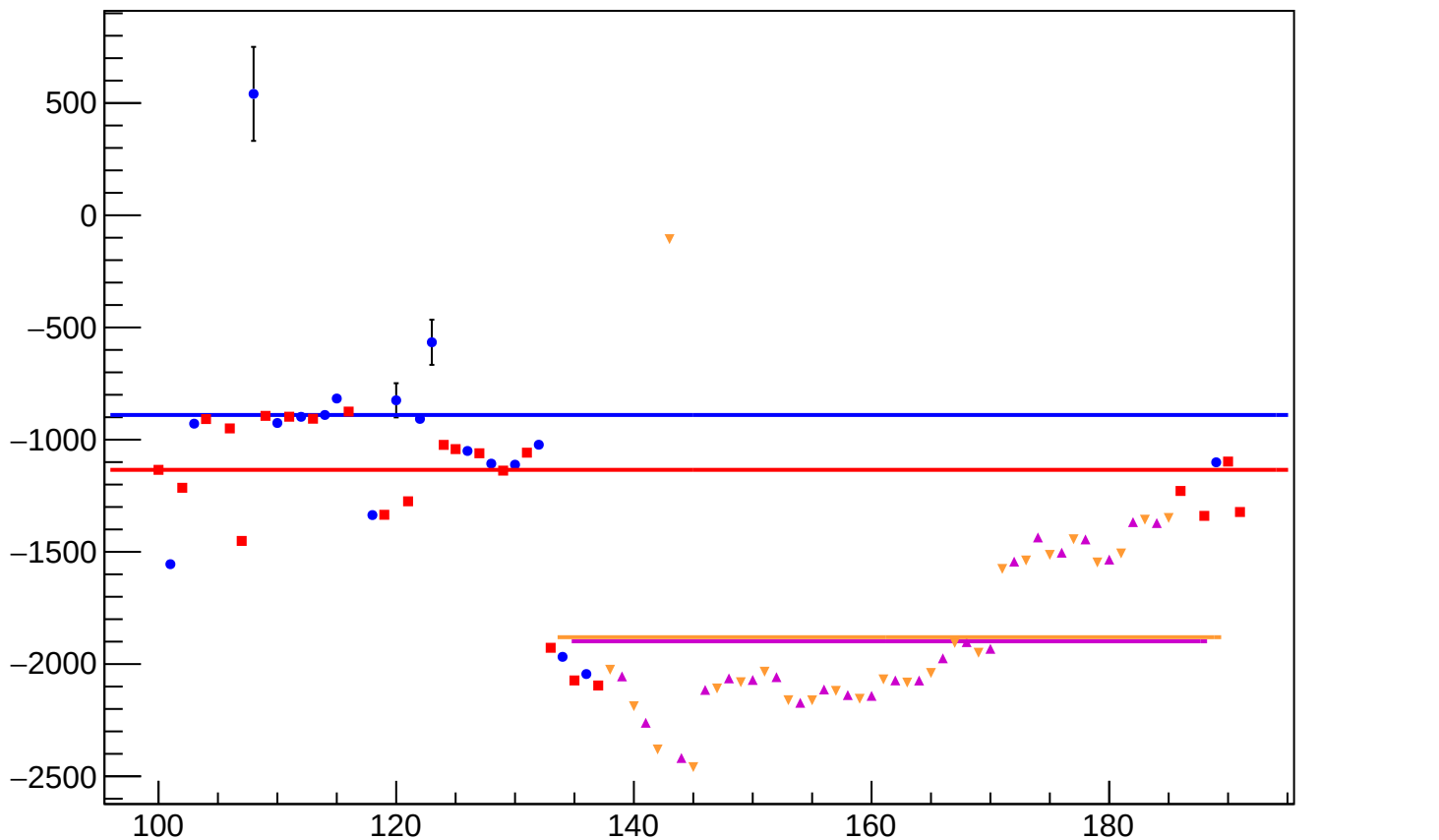
Left In: -19.955 ± 0.015 χ^2/NDF : 22657.6/22

+ sign -19.693 ± 0.000 χ^2/NDF : 79805.6/42

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 7368193.6/45

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2 /NDF: 776151.9/17

Left Out: -1880.162+/-0.353 χ^2 /NDF: 873293.0/24

Right Out: -1134.421+/-0.000 χ^2 /NDF: 767310.8/22

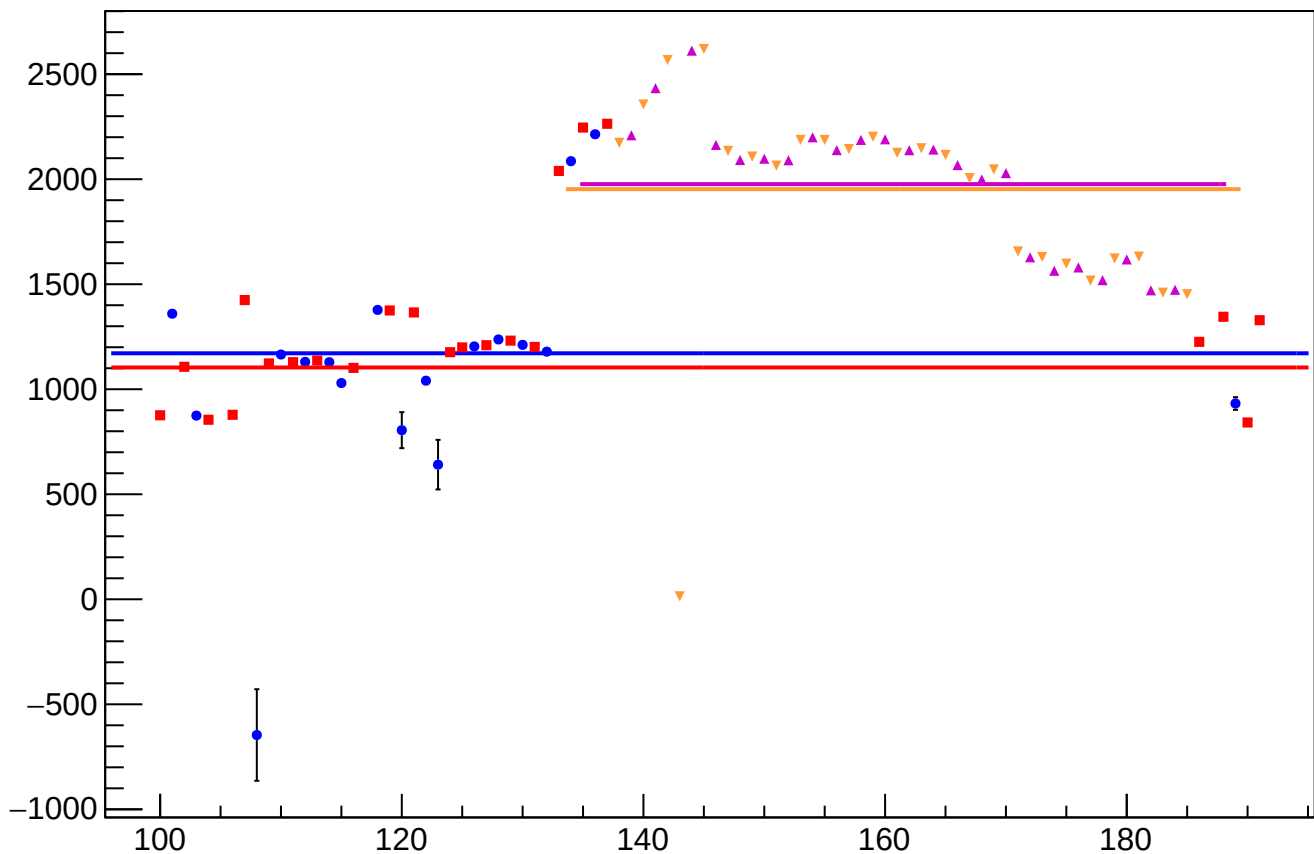
Left In: -1898.497+/-0.364 χ^2 /NDF: 698003.8/22

+ sign -889.928+/-0.000 χ^2 /NDF: 9521166.4/42

All: -976.220+/-0.000 χ^2 /NDF: 44889787387

- sign -1134.421+/-0.000 χ^2 /NDF: 5878175.3/45

dit_atl2_4eX_slope vs Slug



Right In: 1171.172 $\pm$ 0.245 χ^2 /NDF: 509051.9/17

Left Out: 1952.706 $\pm$ 0.354 χ^2 /NDF: 820225.3/24

Right Out: 1103.581 $\pm$ 0.244 χ^2 /NDF: 1148036.0/22

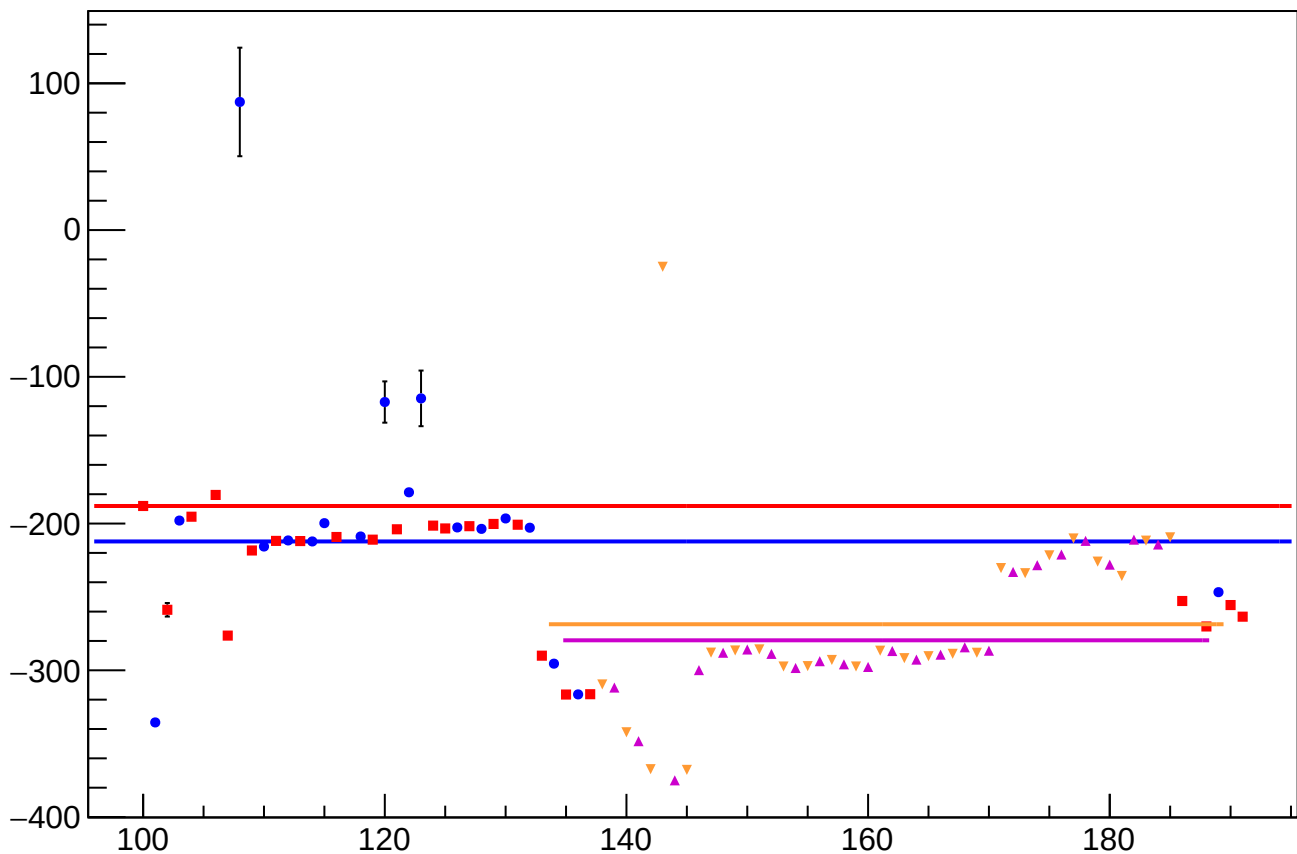
Left In: 1976.603 $\pm$ 0.367 χ^2 /NDF: 625684.0/22

+ sign 1424.793 $\pm$ 0.202 χ^2 /NDF: 4621639.2/42

All: 1398.447 $\pm$ 0.143 χ^2 /NDF: 10345920.6/8

- sign 1371.621 $\pm$ 0.203 χ^2 /NDF: 5689834.1/45

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2 /NDF: 1220917.8/17

Left Out: -268.611+/-0.022 χ^2 /NDF: 7041710.3/24

Right Out: -188.033+/-0.000 χ^2 /NDF: 933937.4/22

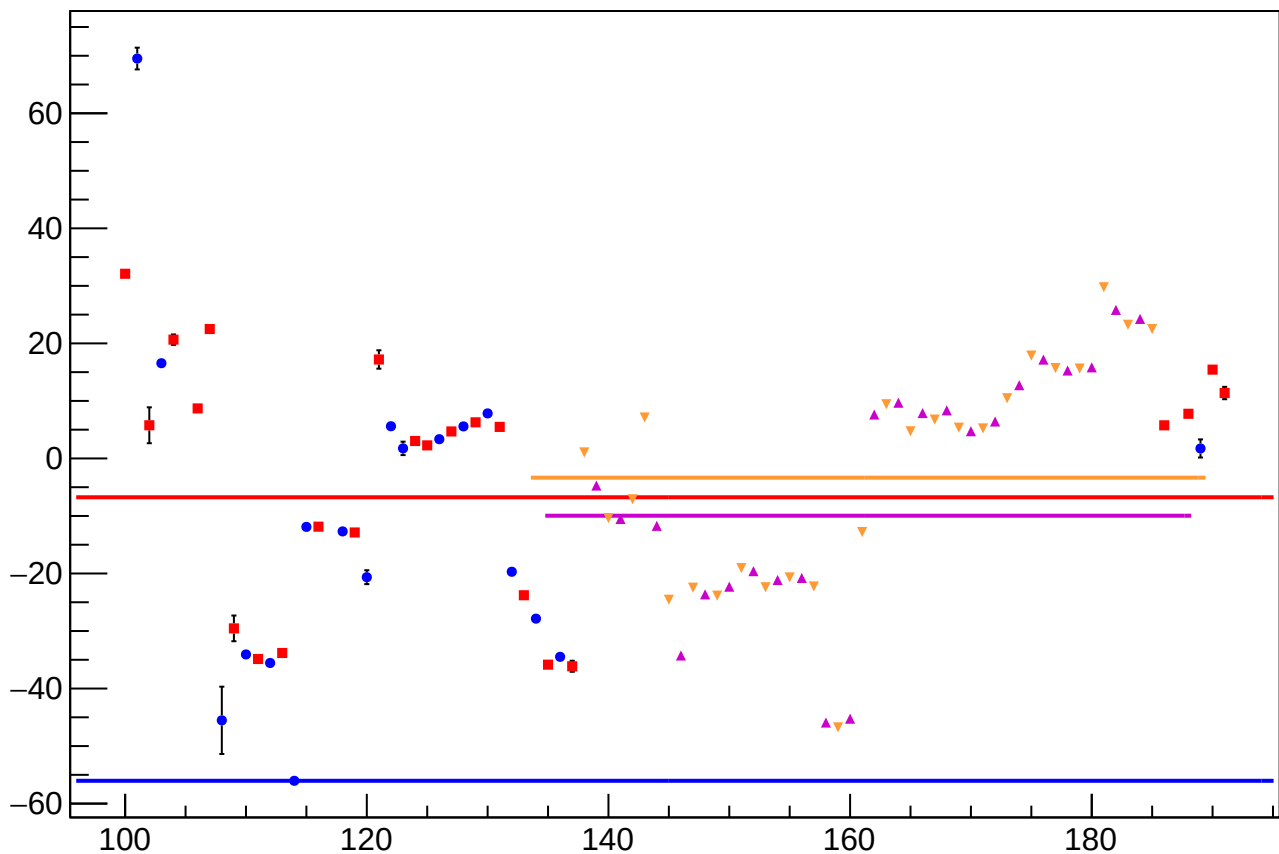
Left In: -279.563+/-0.022 χ^2 /NDF: 2298119.7/22

+ sign -212.190+/-0.000 χ^2 /NDF: 14818945.0/42

All: -195.625+/-0.000 χ^2 /NDF: 13622303625

- sign -188.033+/-0.000 χ^2 /NDF: 21082780.6/45

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1586764.5/17

Left Out: -3.341 ± 0.018 χ^2/NDF : 1399746.6/24

Right Out: -6.748 ± 0.041 χ^2/NDF : 180957.8/22

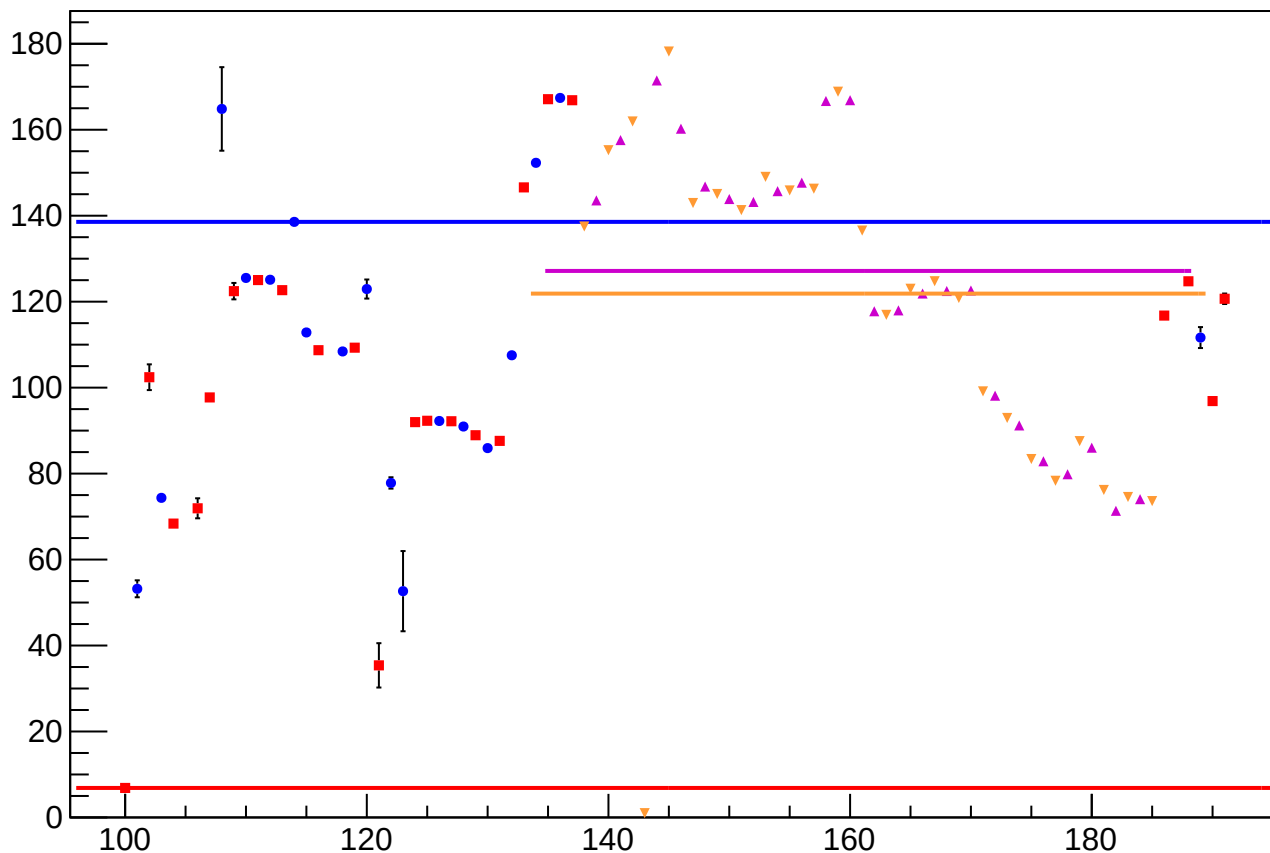
Left In: -9.956 ± 0.018 χ^2/NDF : 1689839.0/22

+ sign -56.037 ± 0.000 χ^2/NDF : 11974330.5/42

All: -56.037 ± 0.000 χ^2/NDF : 21497587.8/88

- sign -9.420 ± 0.017 χ^2/NDF : 1875835.2/45

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901281.6/17

Left Out: 121.875 $\pm$ 0.024 χ^2 /NDF:1617383.6/24

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8334711.9/22

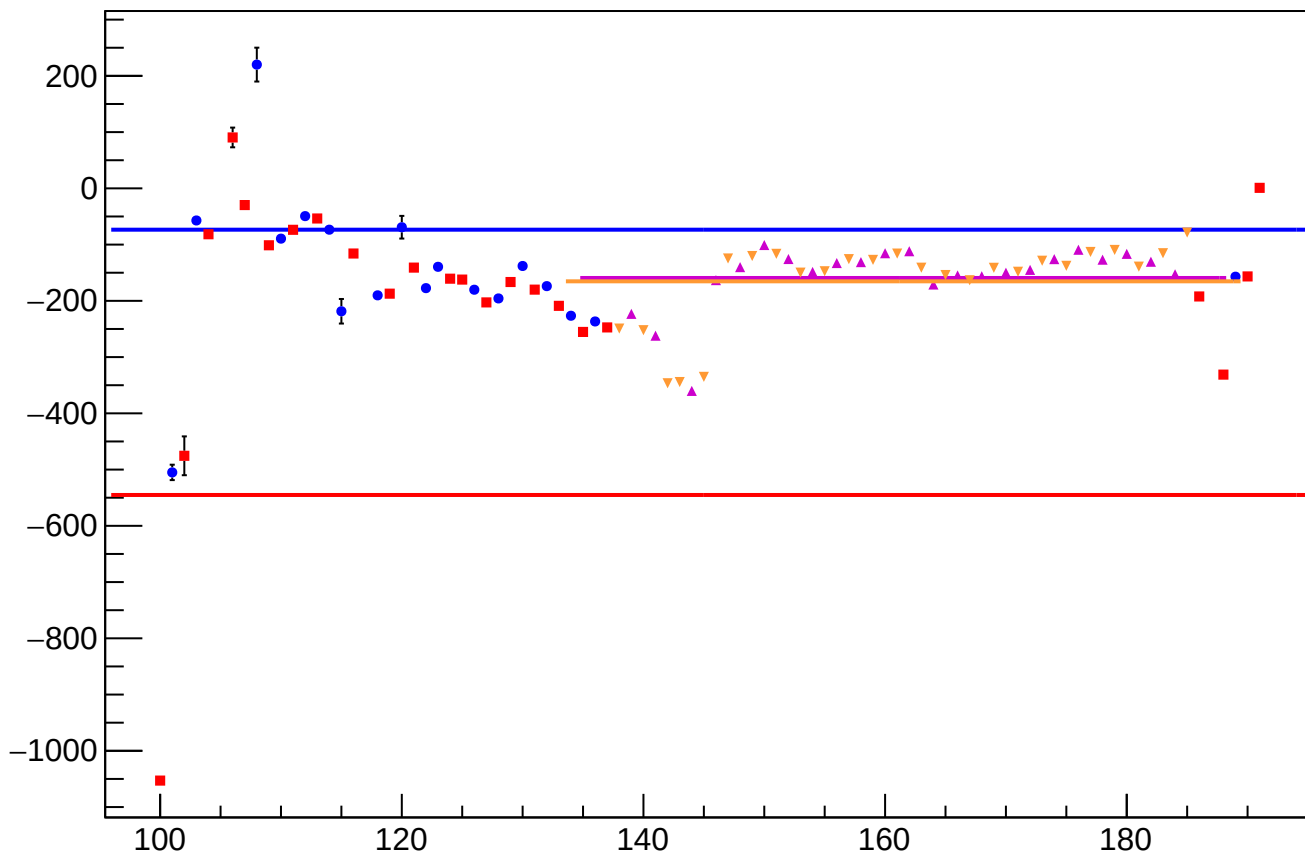
Left In: 127.150 $\pm$ 0.026 χ^2 /NDF:1340248.6/22

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 2990402.9/42

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 30793768.3/45

dit_atr1_4aX_slope vs Slug



Right In: -73.485 ± 0.000 χ^2/NDF : 99151.0/17

Left Out: -165.282 ± 0.232 χ^2/NDF : 84301.0/24

Right Out: -545.143 ± 0.250 χ^2/NDF : 3270593.5/22

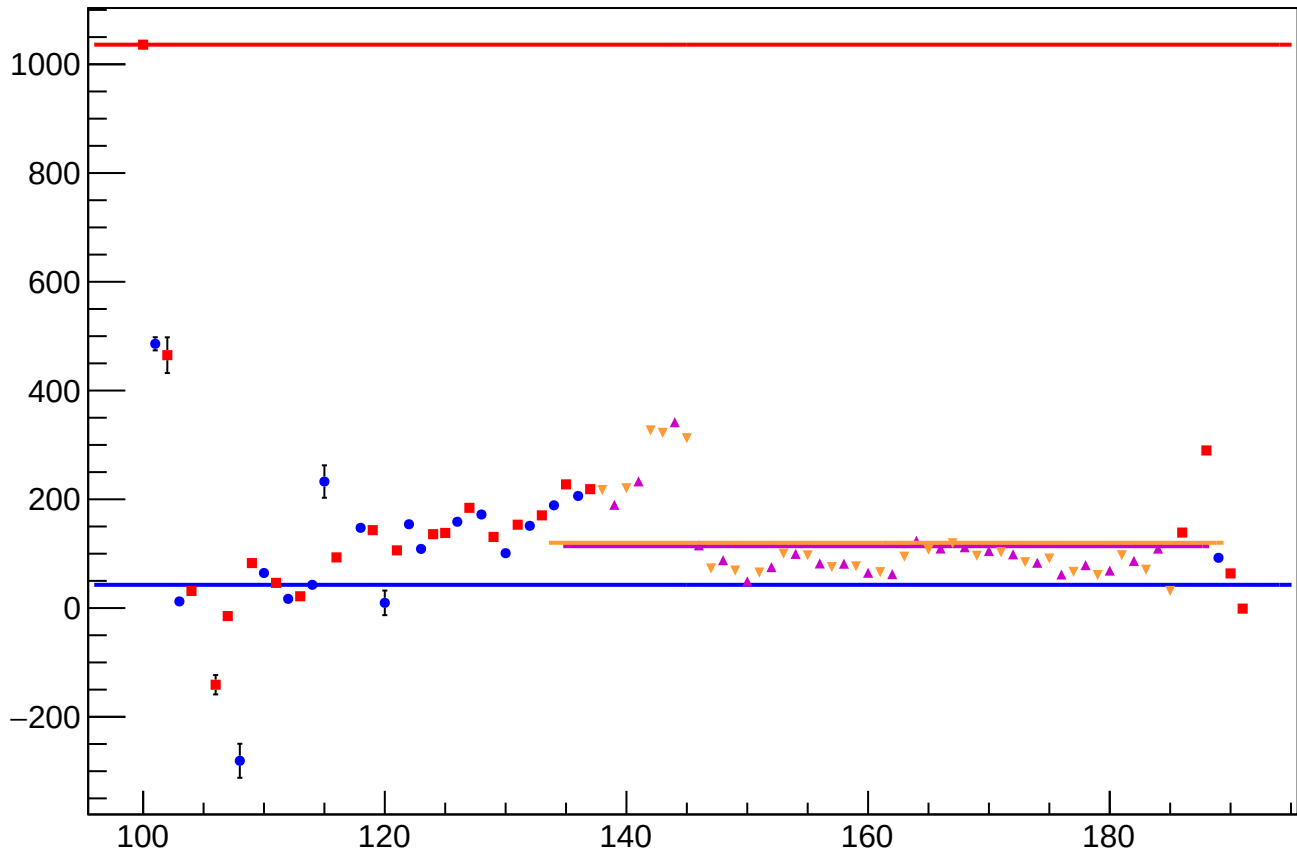
Left In: -159.346 ± 0.239 χ^2/NDF : 73885.5/22

+ sign -73.485 ± 0.000 χ^2/NDF : 340367.2/42

All: -73.485 ± 0.000 χ^2/NDF : 7373626.9/88

- sign -343.699 ± 0.173 χ^2/NDF : 4588118.0/45

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84675.1/17

Left Out: 120.053+/-0.237 χ^2/NDF : 97926.9/24

Right Out: 1036.068+/-0.000 χ^2/NDF : 6170118.2/22

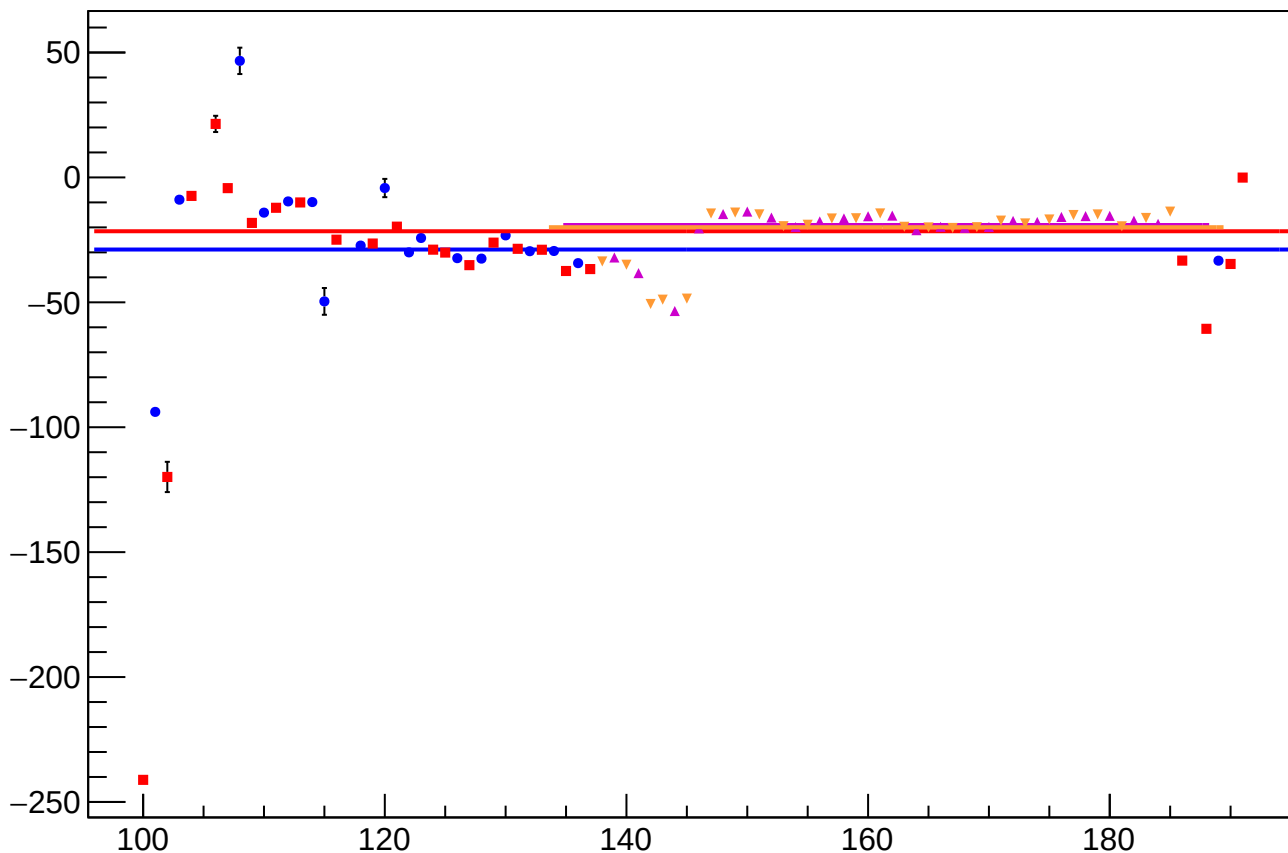
Left In: 113.733+/-0.246 χ^2/NDF : 81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF : 289033.1/42

All: 43.272+/-0.000 χ^2/NDF : 114451749726

- sign 1036.068+/-0.000 χ^2/NDF : 20273351.5/45

dit_atr1_11X12X_slope vs Slug



Right In: -28.865 ± 0.035 $\chi^2/\text{NDF}: 49663.4/17$

Left Out: -19.926 ± 0.012 $\chi^2/\text{NDF}: 374900.2/24$

Right Out: -21.549 ± 0.036 $\chi^2/\text{NDF}: 456312.4/22$

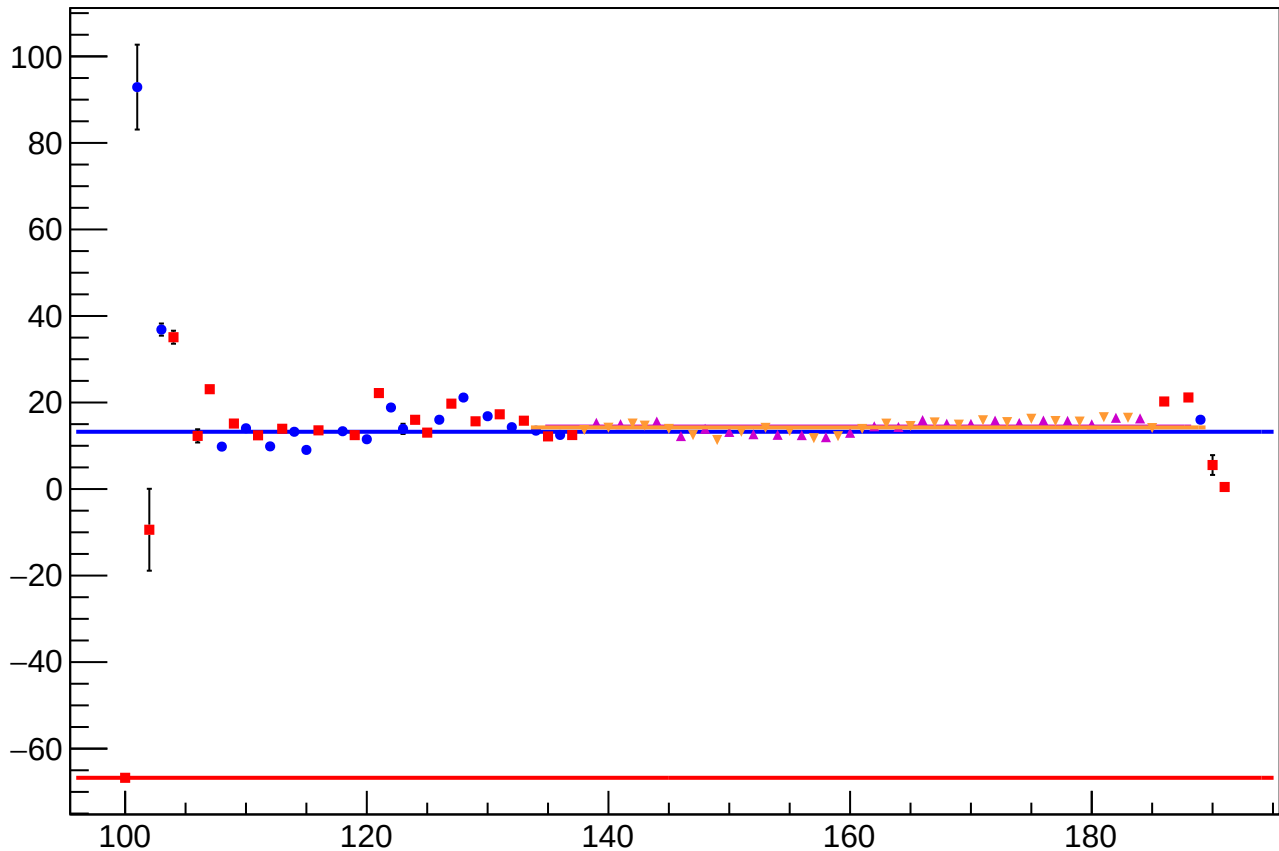
Left In: -19.047 ± 0.014 $\chi^2/\text{NDF}: 214747.8/22$

+ sign -20.924 ± 0.012 $\chi^2/\text{NDF}: 483942.1/42$

All: -20.242 ± 0.009 $\chi^2/\text{NDF}: 1167177.8/88$

- sign -19.380 ± 0.013 $\chi^2/\text{NDF}: 675342.9/45$

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5793.8/17

Left Out: 14.245 $\pm$ 0.012 χ^2 /NDF: 12367.6/24

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3719684.7/22

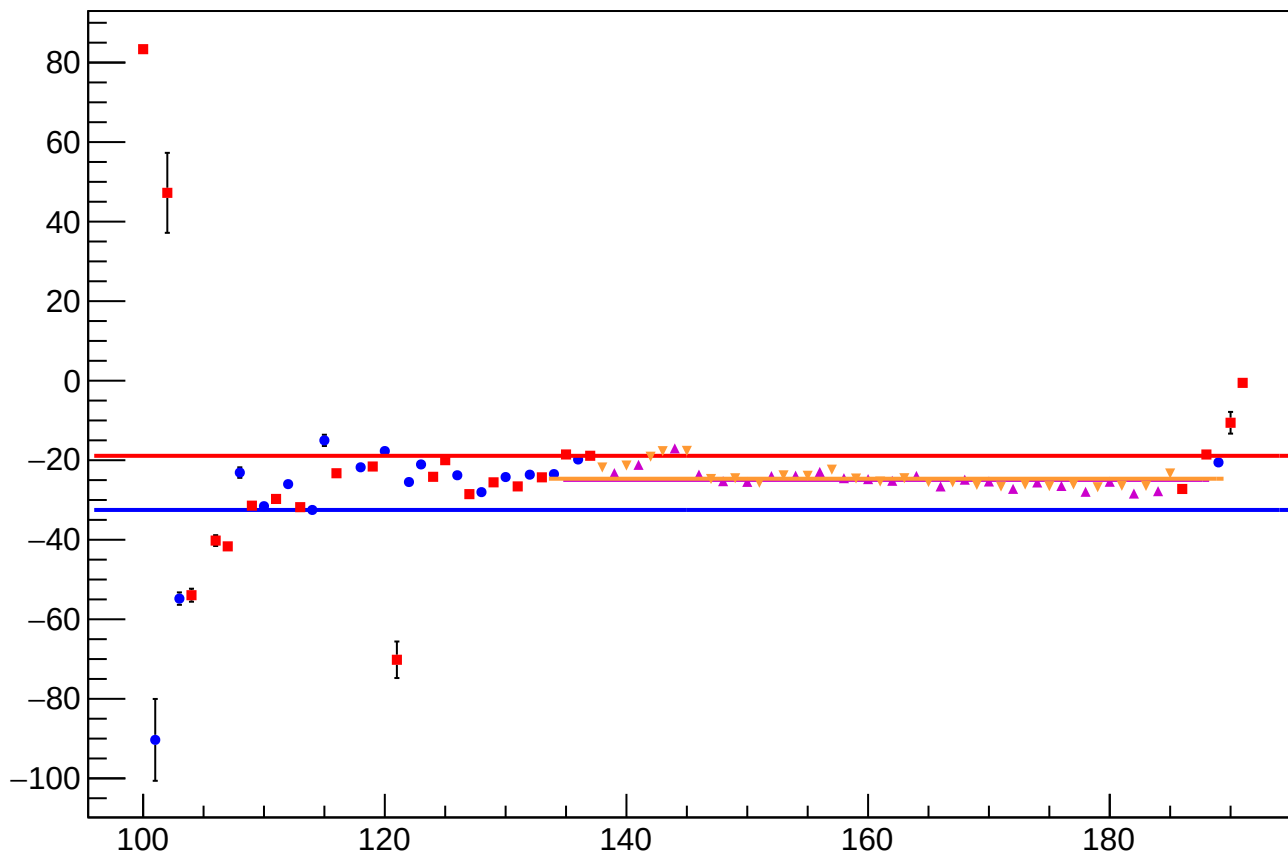
Left In: 14.441 $\pm$ 0.012 χ^2 /NDF: 12955.9/22

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 25231.1/42

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 52311664.7/45

dit_atr1_4eY_slope vs Slug



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 75187.4/17

Left Out: -24.652 $\pm$ 0.015 χ^2 /NDF: 23058.0/24

Right Out: -18.892 $\pm$ 0.042 χ^2 /NDF: 133587.4/22

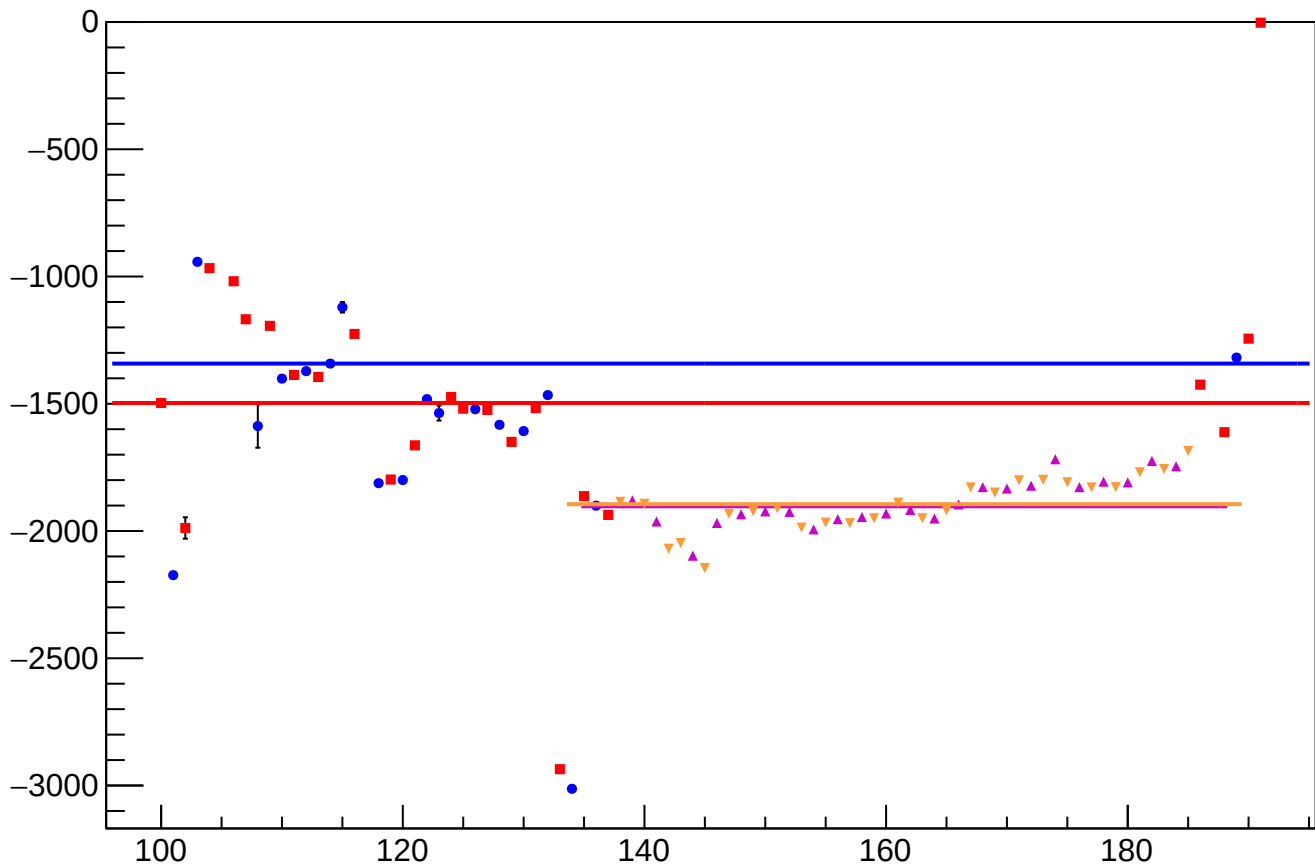
Left In: -24.948 $\pm$ 0.015 χ^2 /NDF: 14049.6/22

+ sign -32.504 $\pm$ 0.000 χ^2 /NDF: 373575.4/42

All: -32.504 $\pm$ 0.000 χ^2 /NDF: 873159.0/88

- sign -24.254 $\pm$ 0.014 χ^2 /NDF: 165872.0/45

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 370904.0/17

Left Out: -1894.646 ± 0.318 χ^2/NDF : 67387.8/24

+ sign -1342.107 ± 0.000 χ^2/NDF : 3461588.1/42

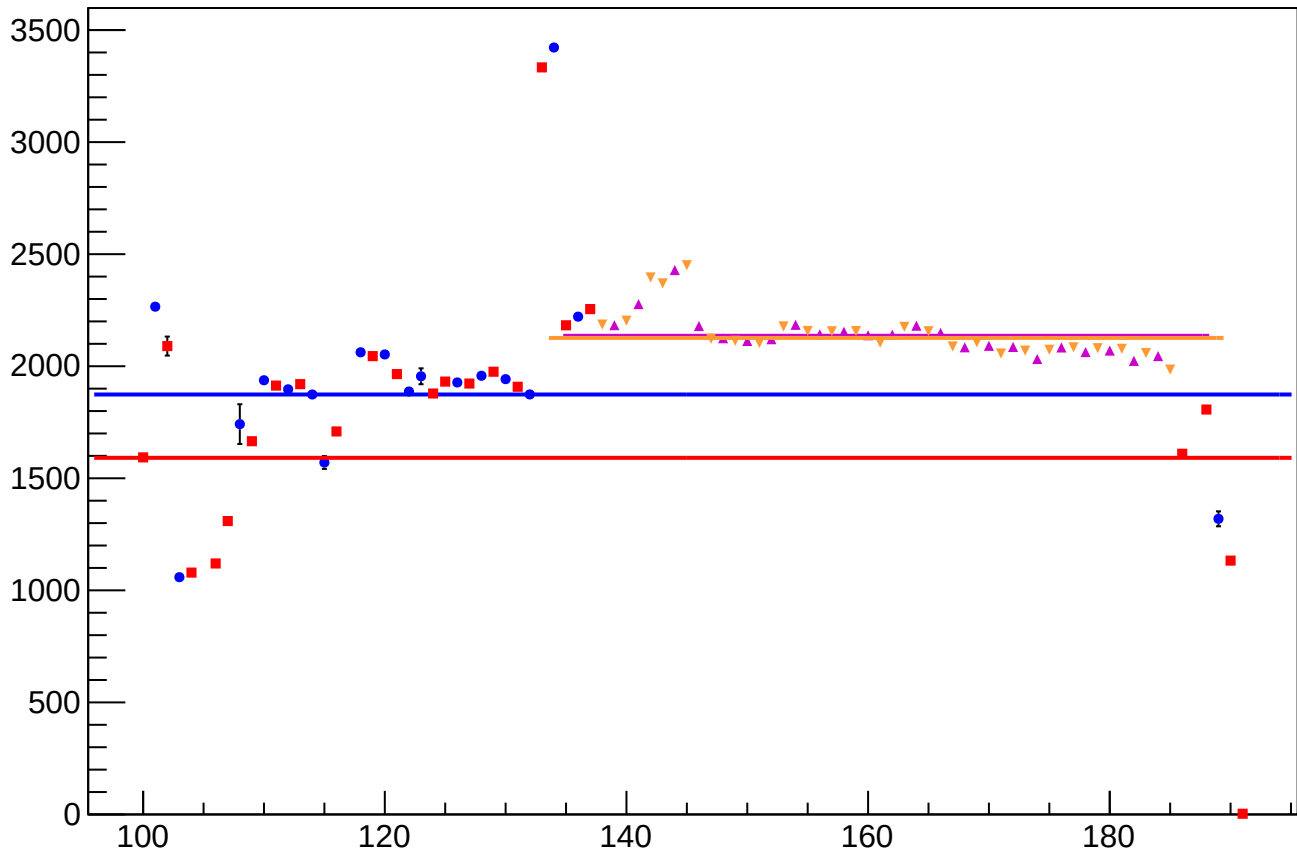
Right Out: -1496.932 ± 0.000 χ^2/NDF : 1749186.6/22

All: -1396.751 ± 0.000 χ^2/NDF : 1800086126

- sign -1496.932 ± 0.000 χ^2/NDF : 3793880.3/45

Left In: -1902.803 ± 0.289 χ^2/NDF : 69208.9/22

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2 /NDF: 201839.6/17

Left Out: 2126.160+/-0.317 χ^2 /NDF:48244.0/24

Right Out: 1591.258+/-0.284 χ^2 /NDF: 3092016.2/22

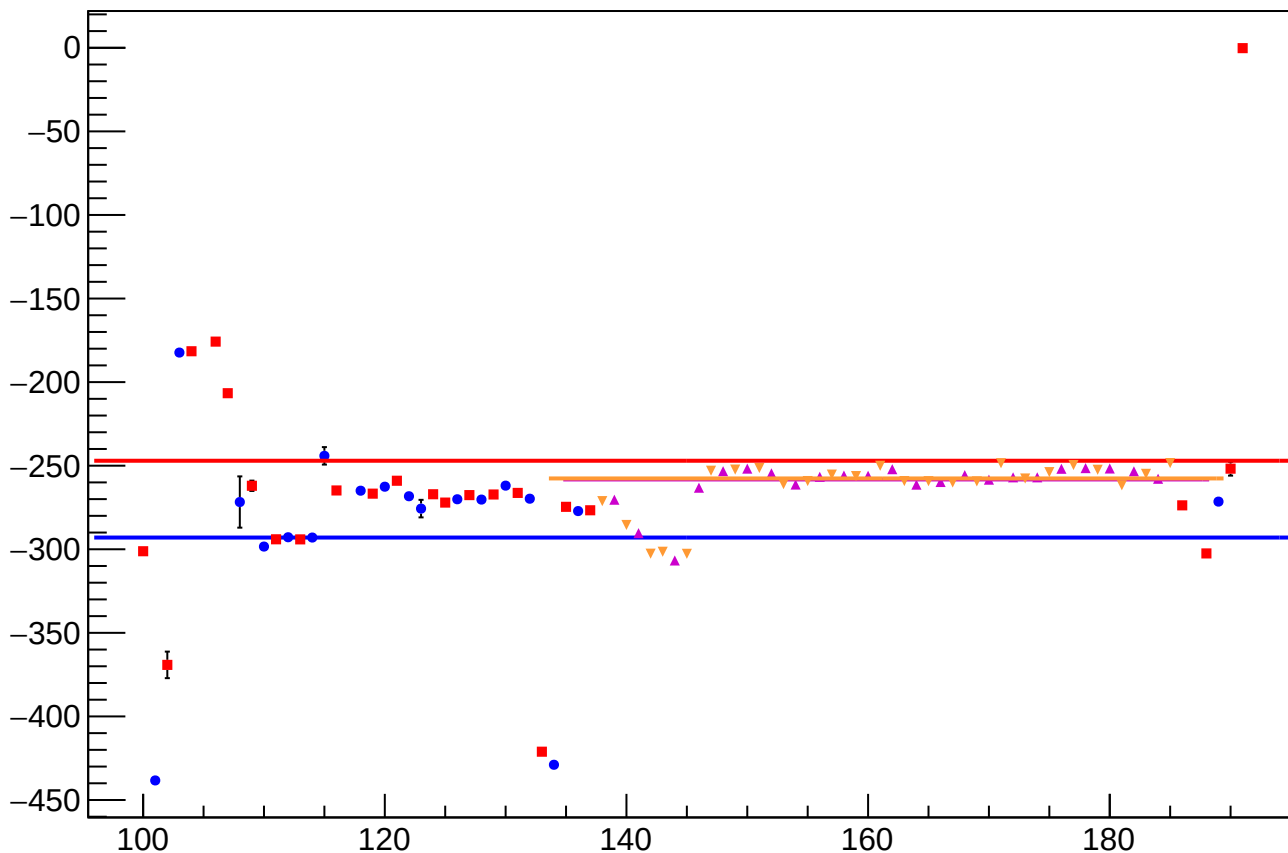
Left In: 2135.770+/-0.290 χ^2 /NDF:58031.3/22

+ sign 1873.852+/-0.000 χ^2 /NDF: 882451.2/42

All: 1873.852+/-0.000 χ^2 /NDF: 5842286.3/80

- sign 1858.111+/-0.203 χ^2 /NDF: 4953803.6/45

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1039187.5/17$

Left Out: -257.631 ± 0.020 $\chi^2/\text{NDF}: 226942.0/24$

Right Out: -247.043 ± 0.055 $\chi^2/\text{NDF}: 1323672.5/22$

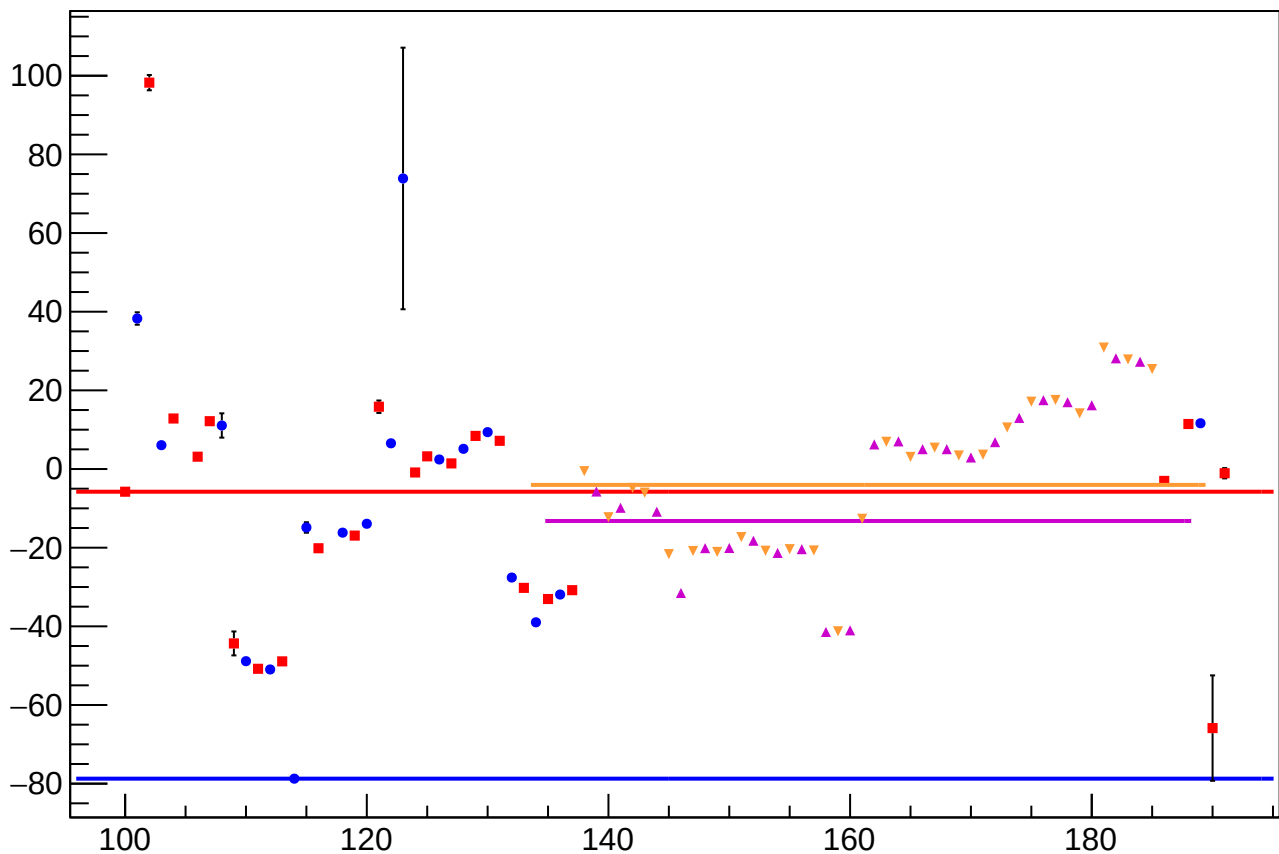
Left In: -258.240 ± 0.017 $\chi^2/\text{NDF}: 268186.3/22$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 4436115.3/42$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 10669179.1/8$

- sign -257.216 ± 0.017 $\chi^2/\text{NDF}: 1629342.7/45$

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 χ^2/NDF : 1406171.2/17

Left Out: -4.036 ± 0.017 χ^2/NDF : 1369619.3/24

Right Out: -5.769 ± 0.000 χ^2/NDF : 115536.7/22

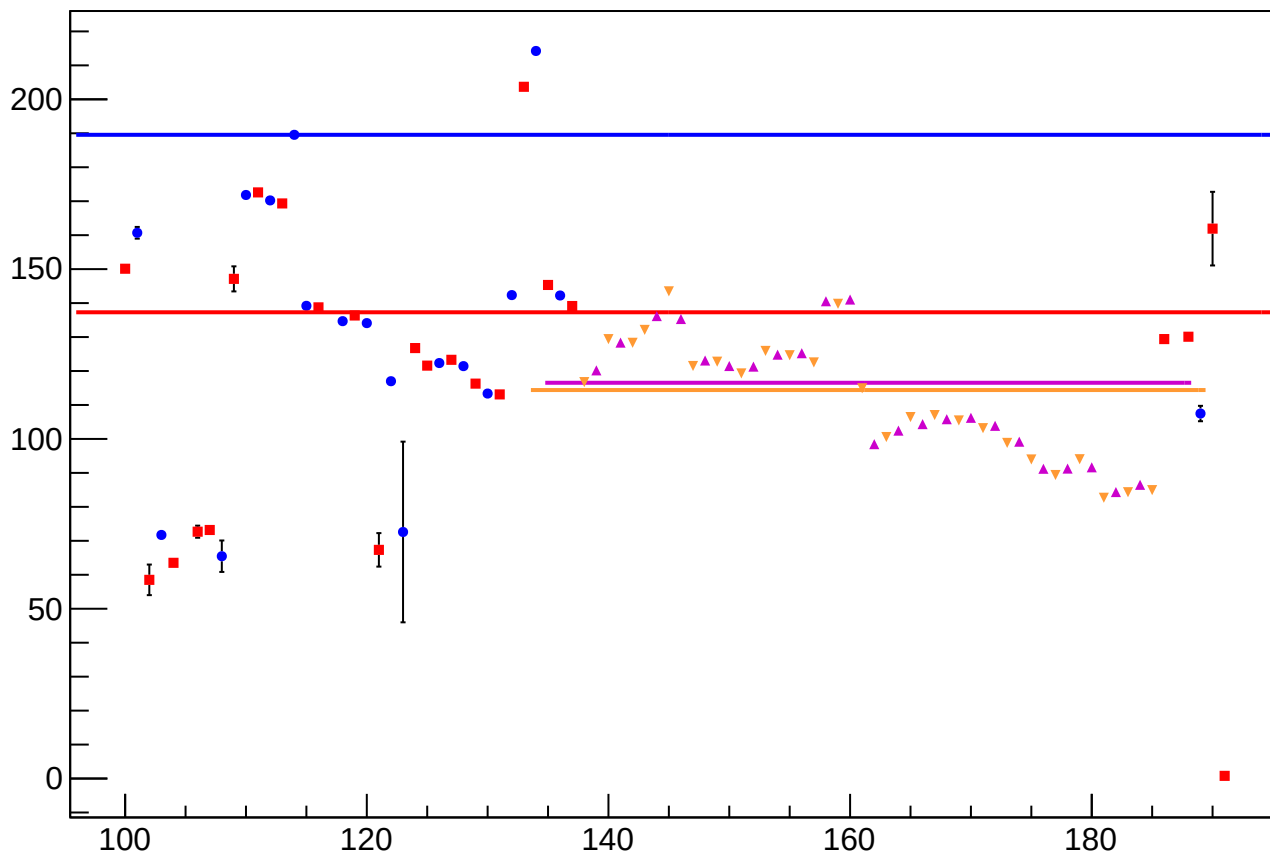
Left In: -13.213 ± 0.017 χ^2/NDF : 1356033.4/22

+ sign -78.728 ± 0.000 χ^2/NDF : 21916484.1/42

All: -6.288 ± 0.000 χ^2/NDF : 2878797679293

- sign -5.769 ± 0.000 χ^2/NDF : 1665125.1/45

dit_atr2_4eY_slope vs Slug



Right In: 189.551 ± 0.000 χ^2/NDF : 928703.0/17

Left Out: 114.395 ± 0.023 χ^2/NDF : 434871.2/24

Right Out: 137.294 ± 0.057 χ^2/NDF : 127301.7/22

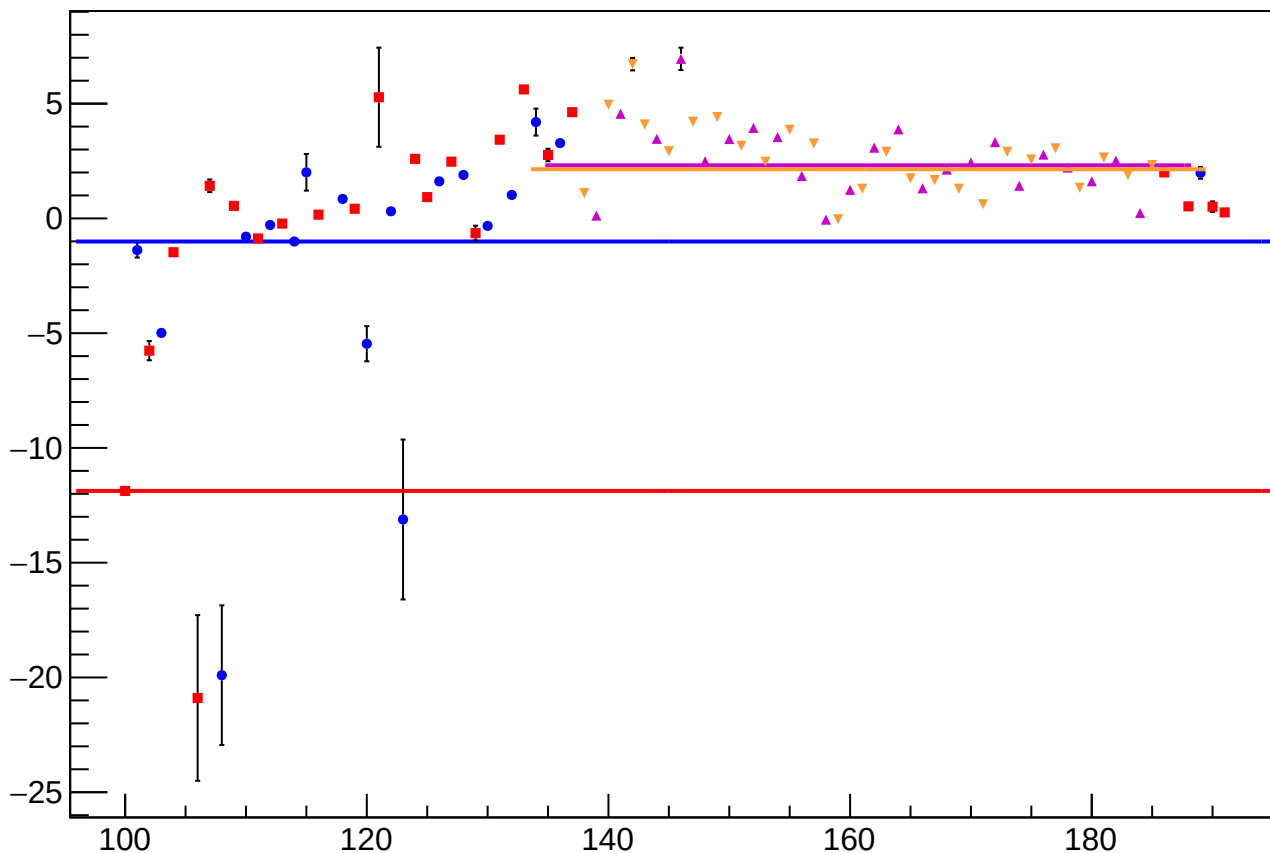
Left In: 116.538 ± 0.024 χ^2/NDF : 458128.6/22

+ sign 189.551 ± 0.000 χ^2/NDF : 12449830.2/42

All: 189.551 ± 0.000 χ^2/NDF : 23432846.5/80

- sign 119.563 ± 0.022 χ^2/NDF : 698068.8/45

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7195.3/17

Left Out: 2.143 ± 0.015 χ^2/NDF : 6585.0/24

Right Out: -11.872 ± 0.000 χ^2/NDF : 597435.7/22

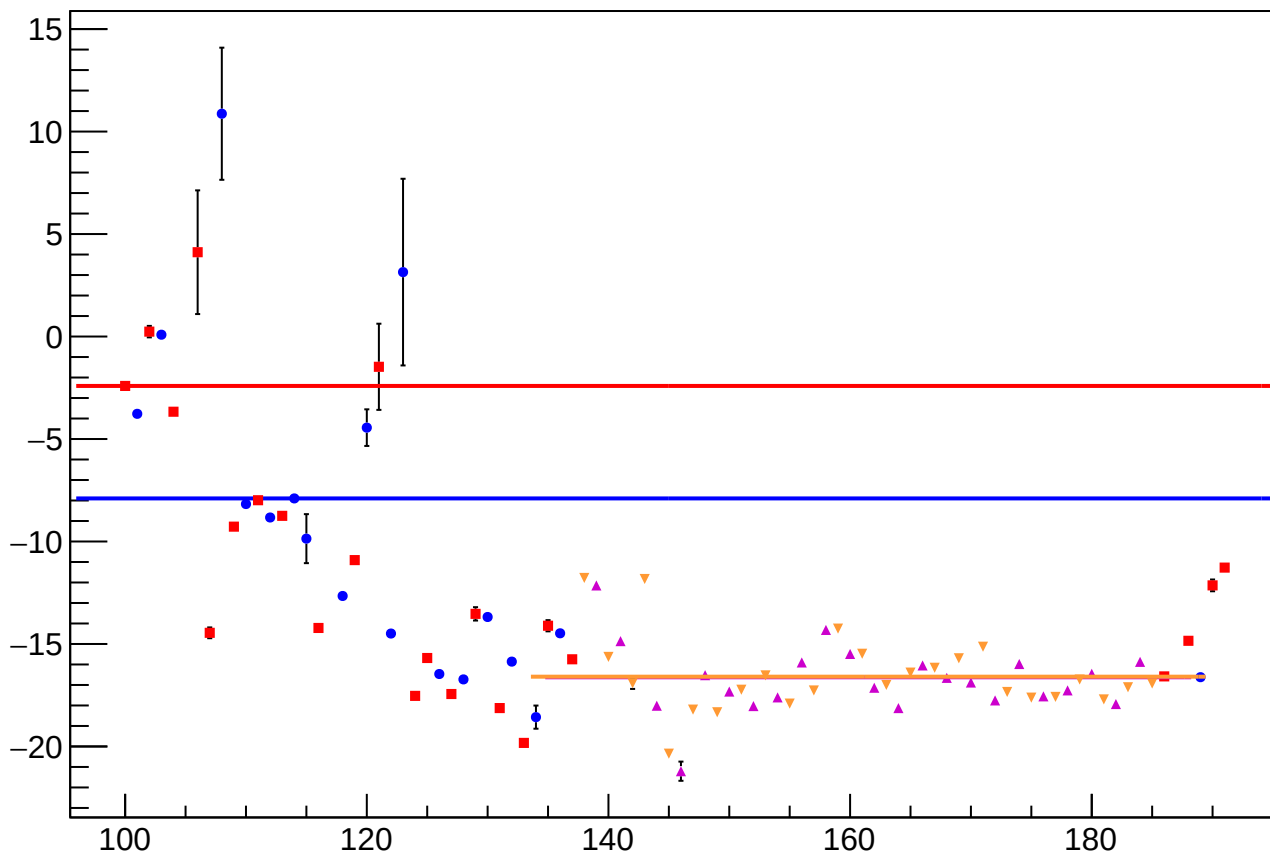
Left In: 2.313 ± 0.014 χ^2/NDF : 7446.3/22

+ sign -1.007 ± 0.000 χ^2/NDF : 60001.7/42

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 1622290.8/45

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 $\chi^2/\text{NDF}: 42917.2/17$

Left Out: -16.595 ± 0.014 $\chi^2/\text{NDF}: 8432.7/24$

Right Out: -2.410 ± 0.000 $\chi^2/\text{NDF}: 311045.8/22$

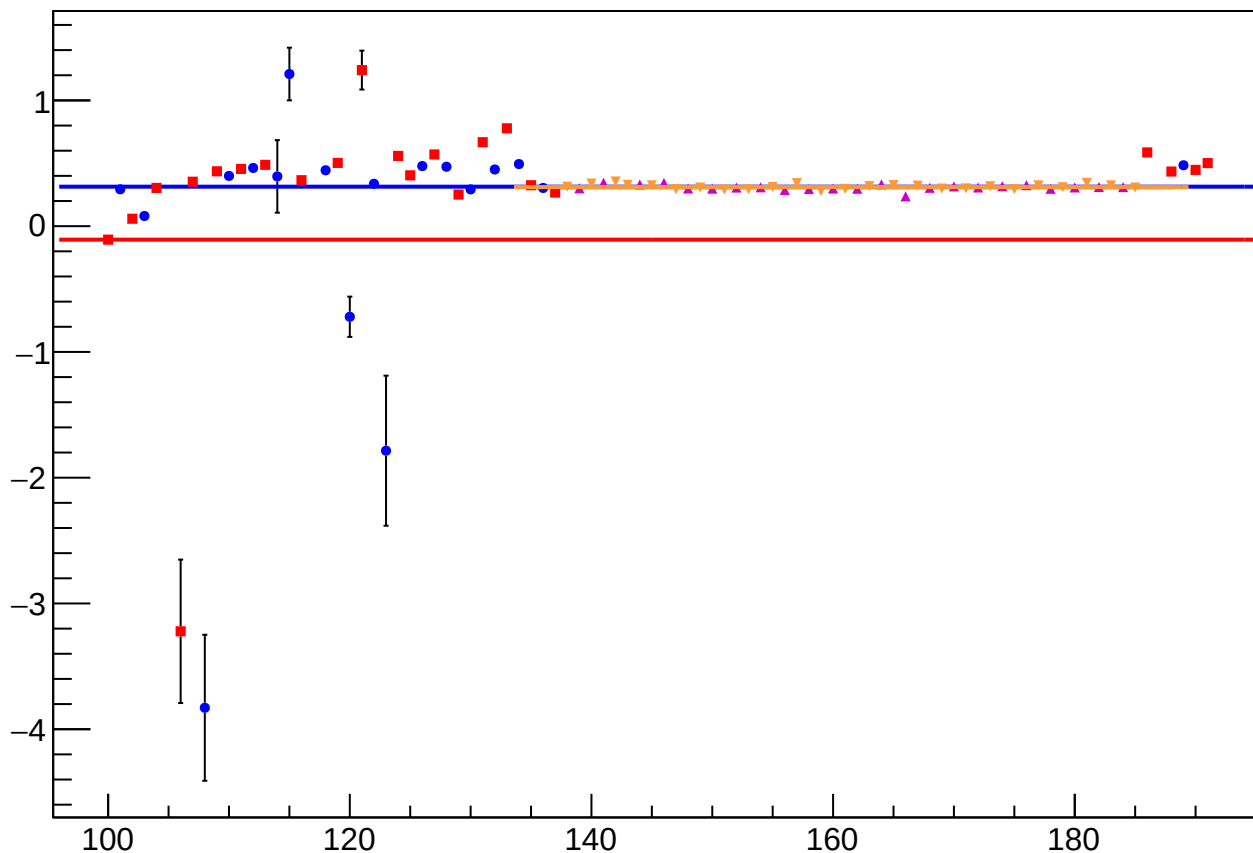
Left In: -16.625 ± 0.015 $\chi^2/\text{NDF}: 6289.5/22$

+ sign -7.899 ± 0.000 $\chi^2/\text{NDF}: 417195.4/42$

All: -4.135 ± 0.000 $\chi^2/\text{NDF}: 2879850560728$

- sign -2.410 ± 0.000 $\chi^2/\text{NDF}: 1253438.3/45$

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 2793.4/17

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4975.7/24

Right Out: -0.107 $\pm$ 0.000 χ^2 /NDF: 230502.8/22

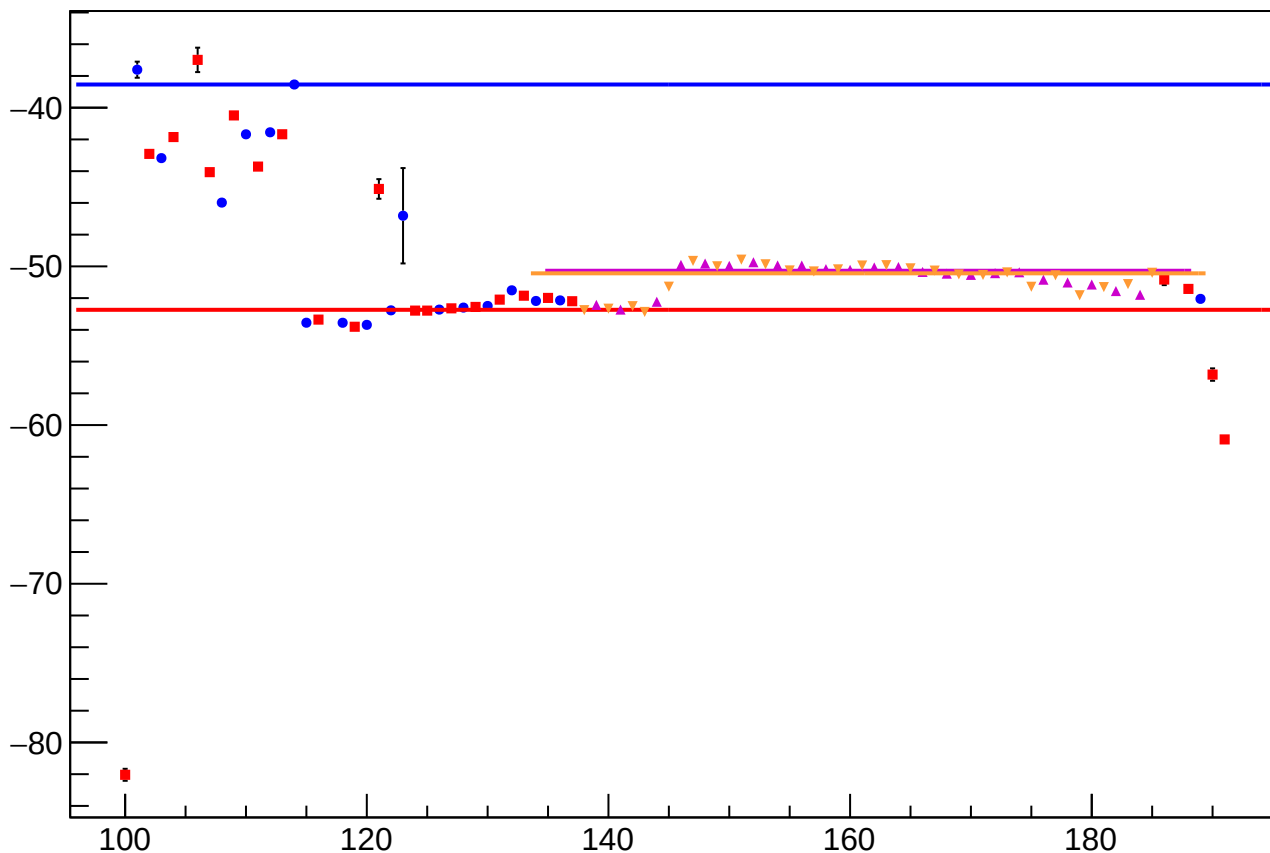
Left In: 0.310 $\pm$ 0.000 χ^2 /NDF: 3074.6/22

+ sign 0.311 $\pm$ 0.000 χ^2 /NDF: 7779.6/42

All: -0.107 $\pm$ 0.000 χ^2 /NDF: 7167920.0/88

- sign -0.107 $\pm$ 0.000 χ^2 /NDF: 3536028.6/45

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 14954551.7/17$

Left Out: -50.438 ± 0.001 $\chi^2/\text{NDF}: 299897.3/24$

Right Out: -52.736 ± 0.002 $\chi^2/\text{NDF}: 89436.0/22$

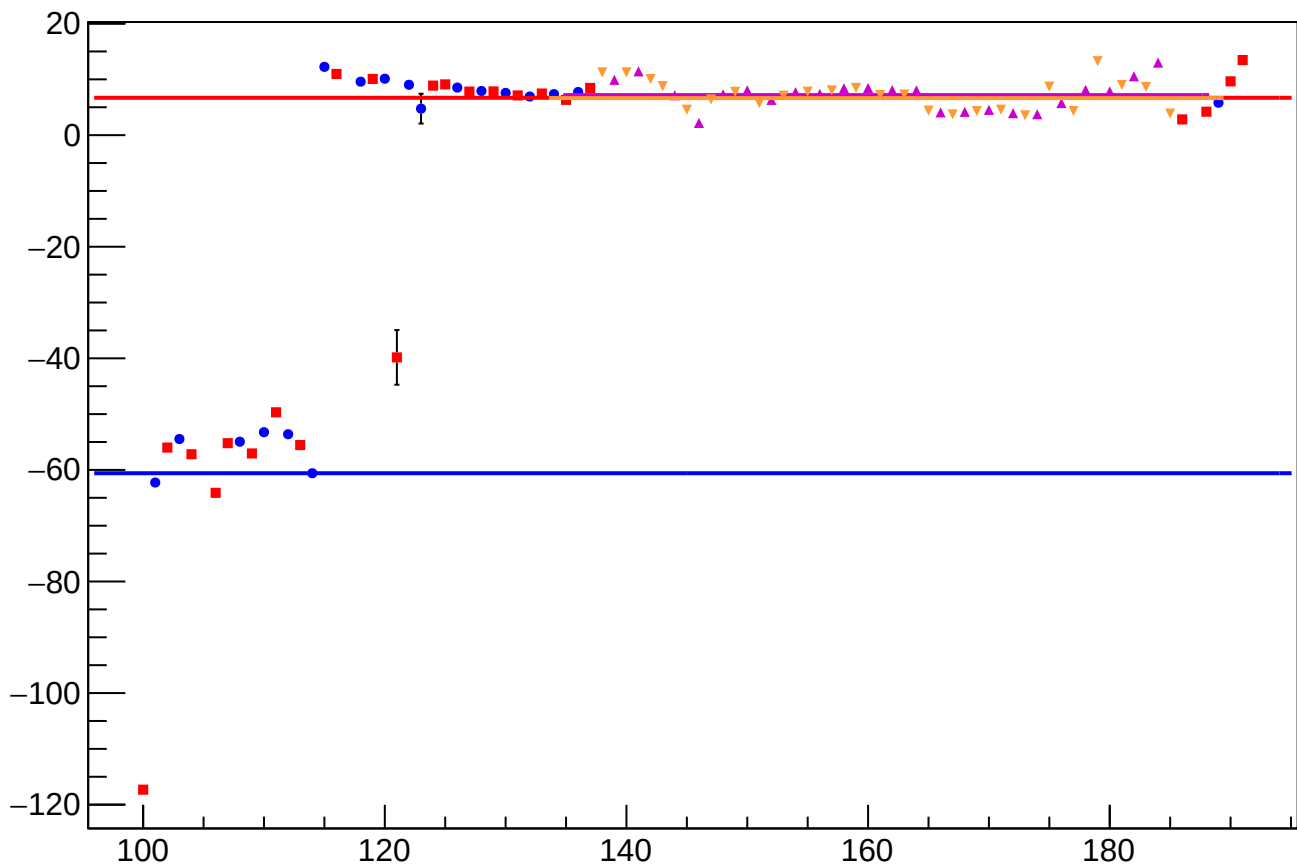
Left In: -50.276 ± 0.001 $\chi^2/\text{NDF}: 190236.3/22$

+ sign -38.539 ± 0.000 $\chi^2/\text{NDF}: 90833778.1/42$

All: -38.539 ± 0.000 $\chi^2/\text{NDF}: 236193974.2/8$

- sign -51.032 ± 0.001 $\chi^2/\text{NDF}: 1468058.9/45$

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 26241955.6/17$

Left Out: 6.641 ± 0.004 $\chi^2/\text{NDF}: 340462.4/24$

Right Out: 6.696 ± 0.011 $\chi^2/\text{NDF}: 1269040.7/22$

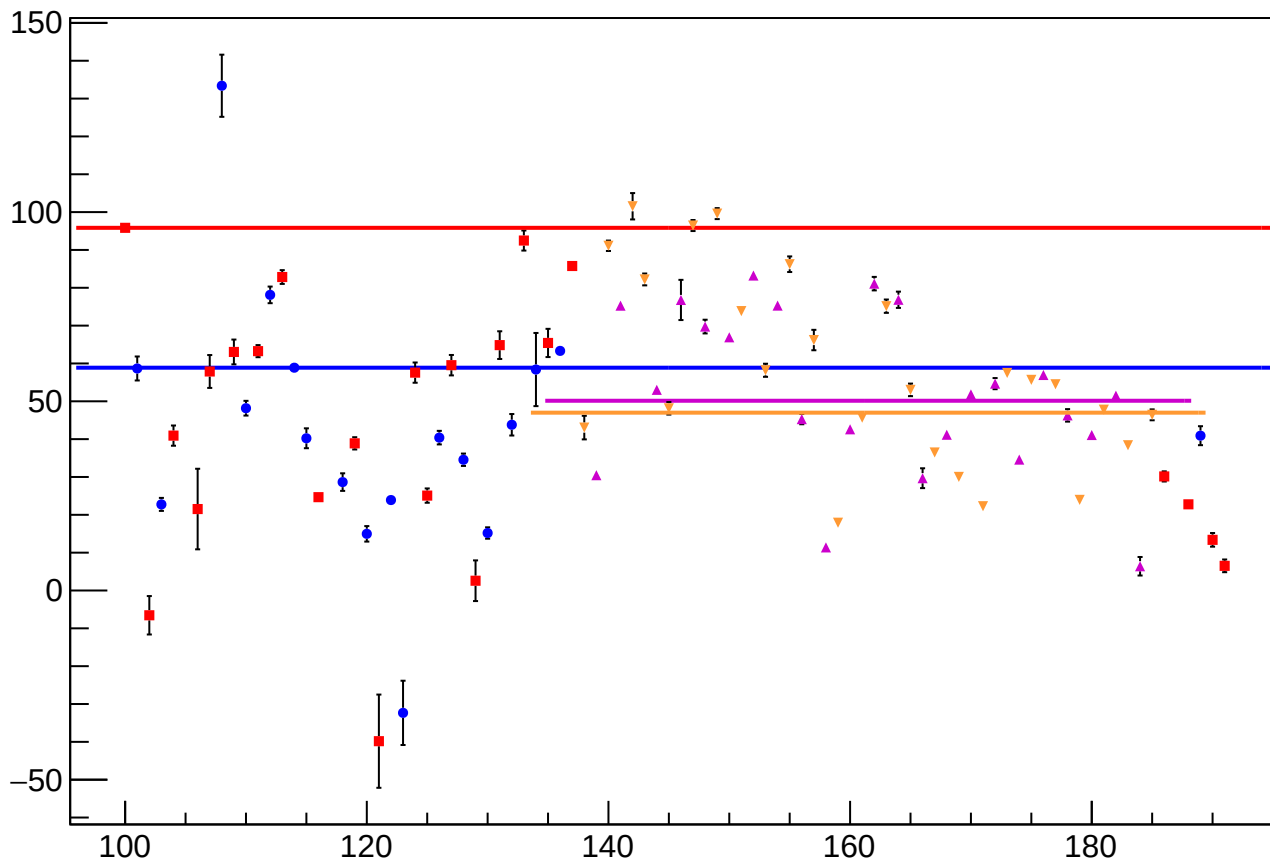
Left In: 7.179 ± 0.003 $\chi^2/\text{NDF}: 214127.6/22$

+ sign -60.594 ± 0.000 $\chi^2/\text{NDF}: 360647546.0/42$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 784523663.9/8$

- sign 7.135 ± 0.003 $\chi^2/\text{NDF}: 1484970.3/45$

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3866.1/17

Left Out: 46.995 $\pm$ 0.215 χ^2 /NDF: 9203.7/24

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 65354.0/22

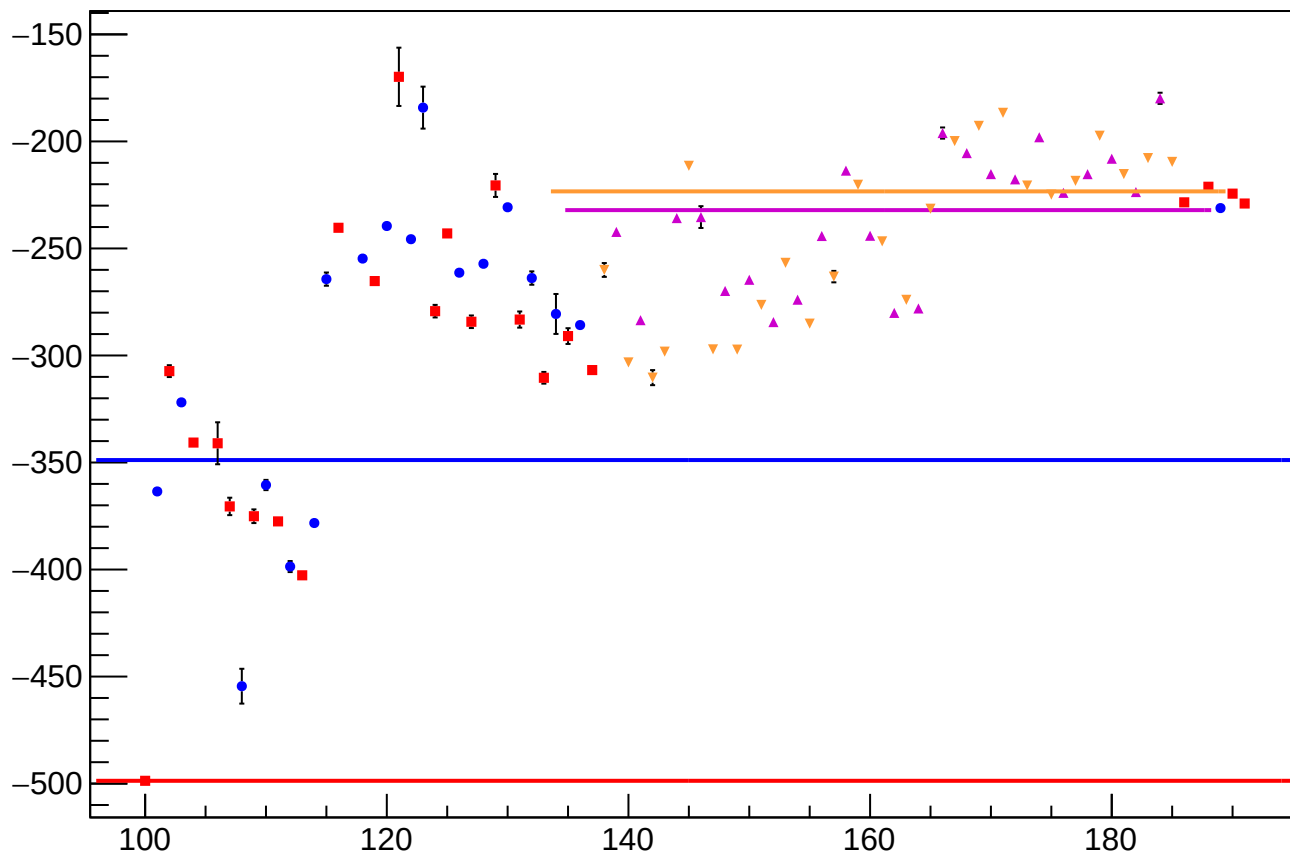
Left In: 50.144 $\pm$ 0.212 χ^2 /NDF: 6667.7/22

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 16126.4/42

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 118709.4/45

dit_sam2_4eX_slope vs Slug



Right In: -348.855 ± 0.243 $\chi^2/\text{NDF}: 45261.0/17$

Left Out: -223.342 ± 0.215 $\chi^2/\text{NDF}: 22293.9/24$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 944634.1/22$

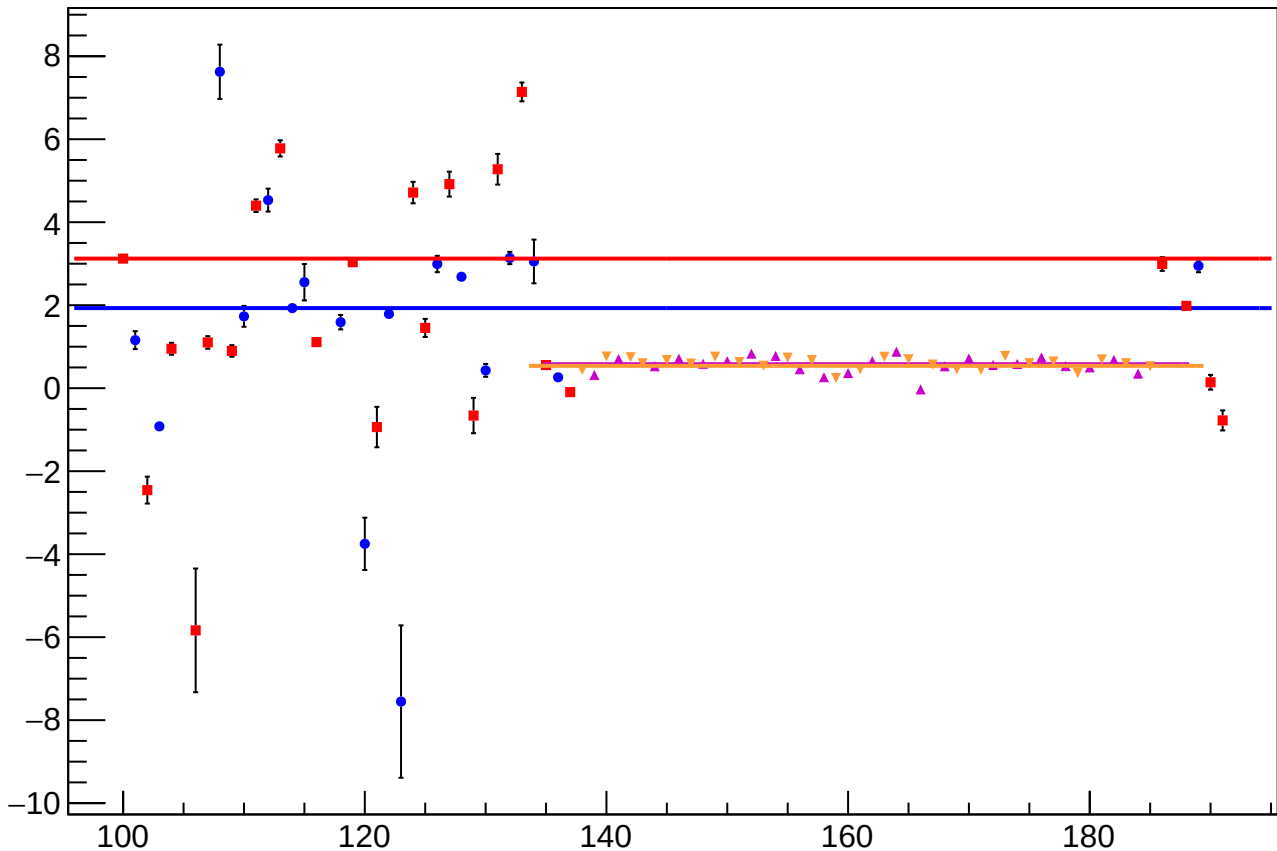
Left In: -232.094 ± 0.217 $\chi^2/\text{NDF}: 17468.1/22$

+ sign -278.703 ± 0.161 $\chi^2/\text{NDF}: 217276.4/42$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 4548749.0/88$

- sign -498.692 ± 0.000 $\chi^2/\text{NDF}: 2465761.9/45$

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 60014.5/17

Left Out: 0.539 $\pm$ 0.002 χ^2 /NDF:10792.6/24

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 513359.2/22

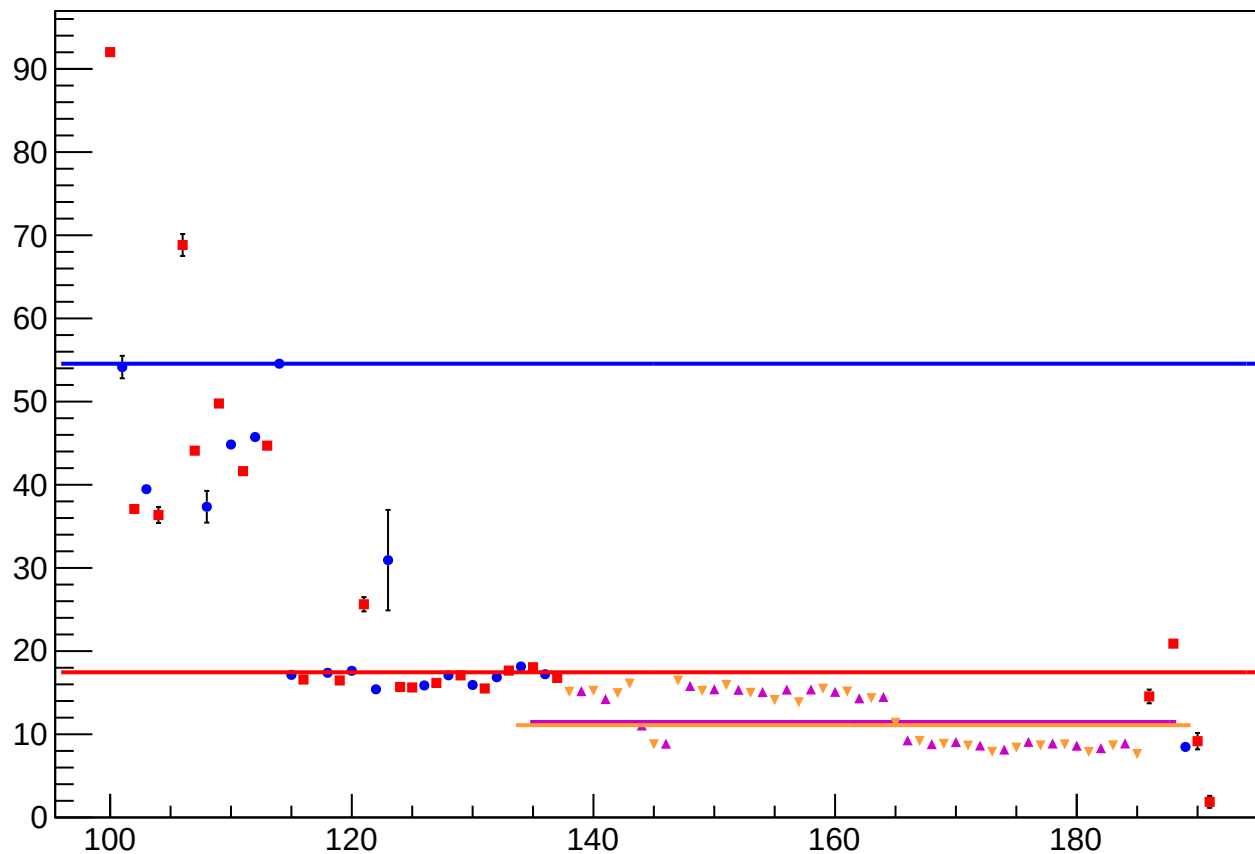
Left In: 0.577 $\pm$ 0.001 χ^2 /NDF:15533.6/22

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 762091.1/42

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 3809953457808

- sign 3.123 $\pm$ 0.000 χ^2 /NDF: 3607159.4/45

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 9915674.9/17

Left Out: 11.095 $\pm$ 0.005 χ^2 /NDF: 381518.3/24

Right Out: 17.454 $\pm$ 0.018 χ^2 /NDF: 99967.9/22

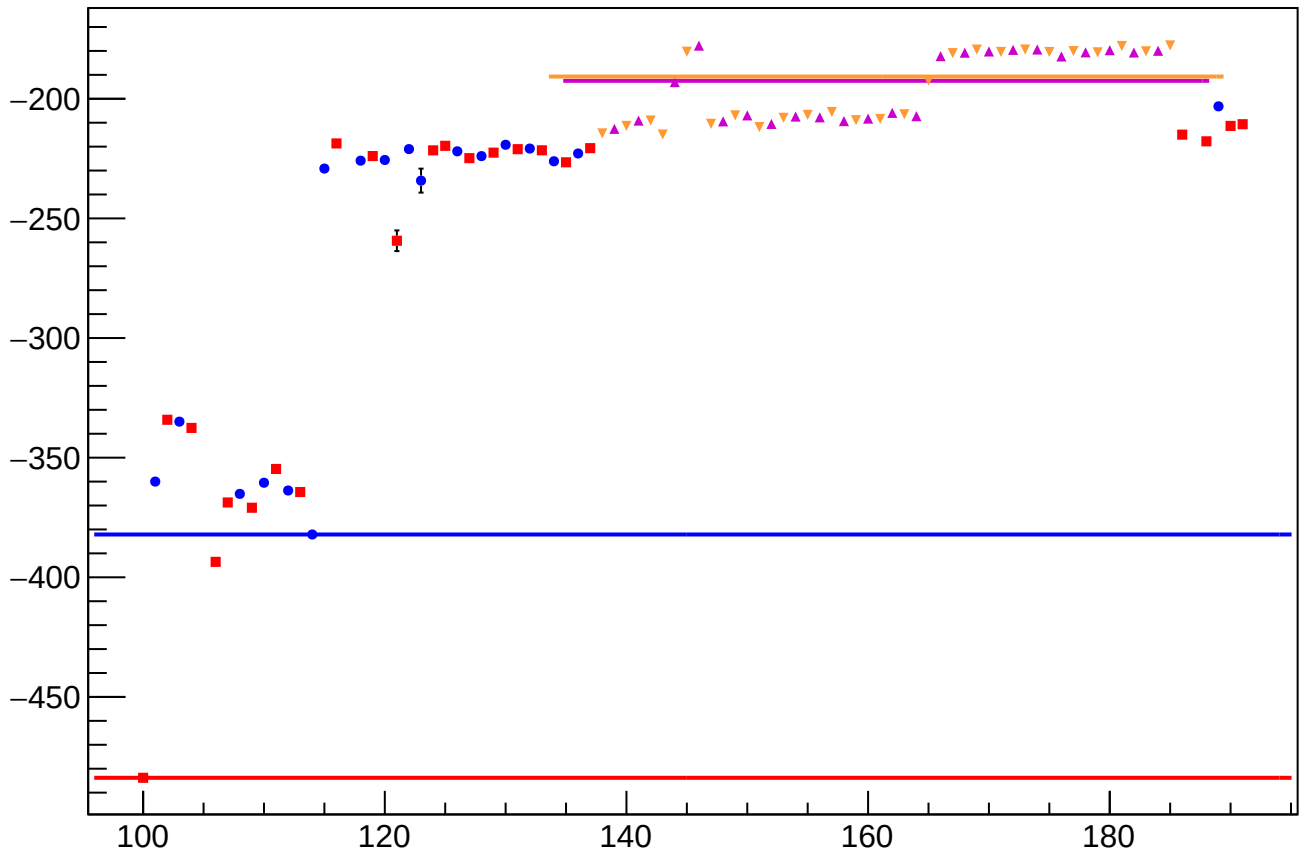
Left In: 11.477 $\pm$ 0.005 χ^2 /NDF: 381285.2/22

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 76122473.6/42

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 148684777.8/88

- sign 11.931 $\pm$ 0.005 χ^2 /NDF: 580448.9/45

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 χ^2/NDF : 18975720.4/17

Left Out: -190.703 ± 0.011 χ^2/NDF : 1602184.8/24

+ sign -382.108 ± 0.000 χ^2/NDF : 314914550.8/42

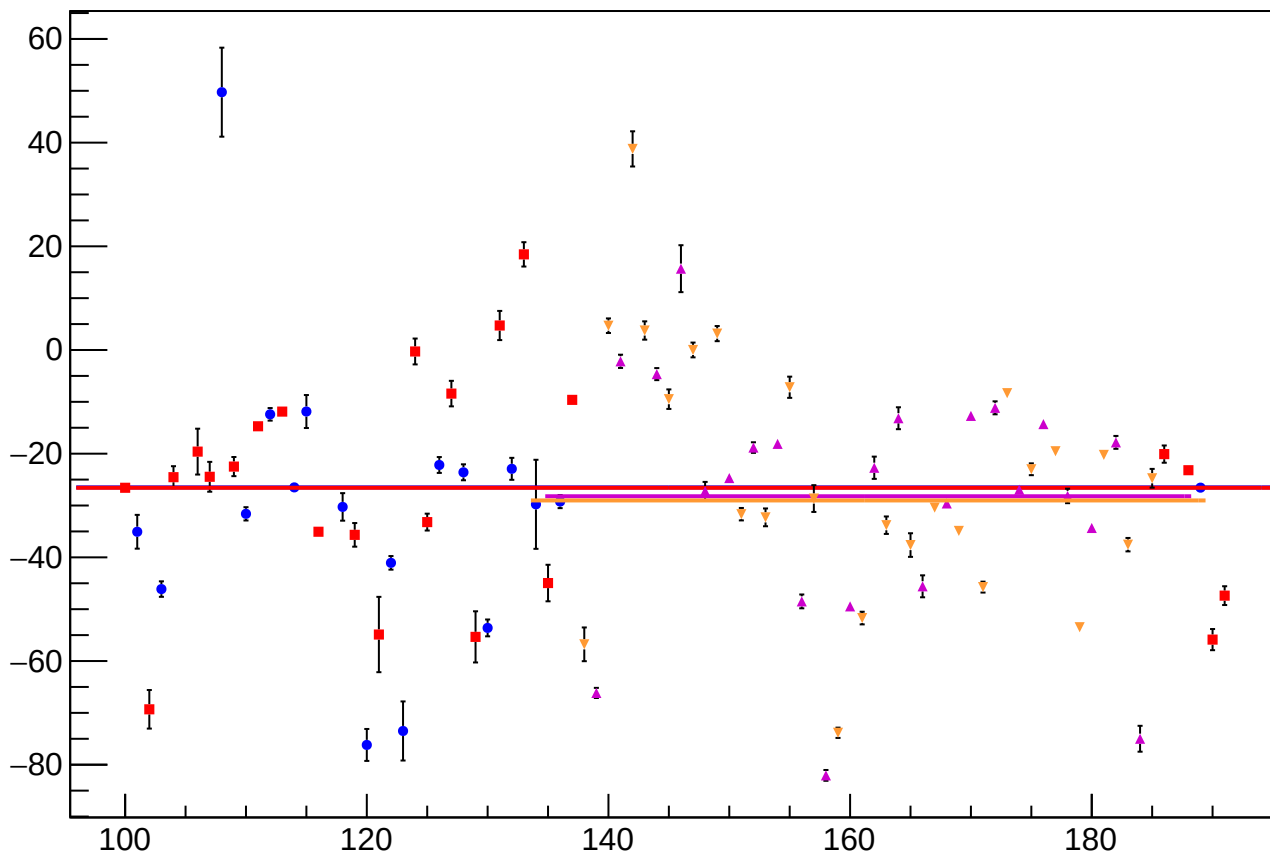
Right Out: -483.800 ± 0.000 χ^2/NDF : 25238581.7/22

All: -417.999 ± 0.000 χ^2/NDF : 12425488813

Left In: -192.488 ± 0.011 χ^2/NDF : 1500910.9/22

- sign -483.800 ± 0.000 χ^2/NDF : 680784536.4/45

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1180.7/17$

Left Out: -29.022 ± 0.235 $\chi^2/\text{NDF}: 7110.5/24$

Right Out: -26.577 ± 0.000 $\chi^2/\text{NDF}: 3024.9/22$

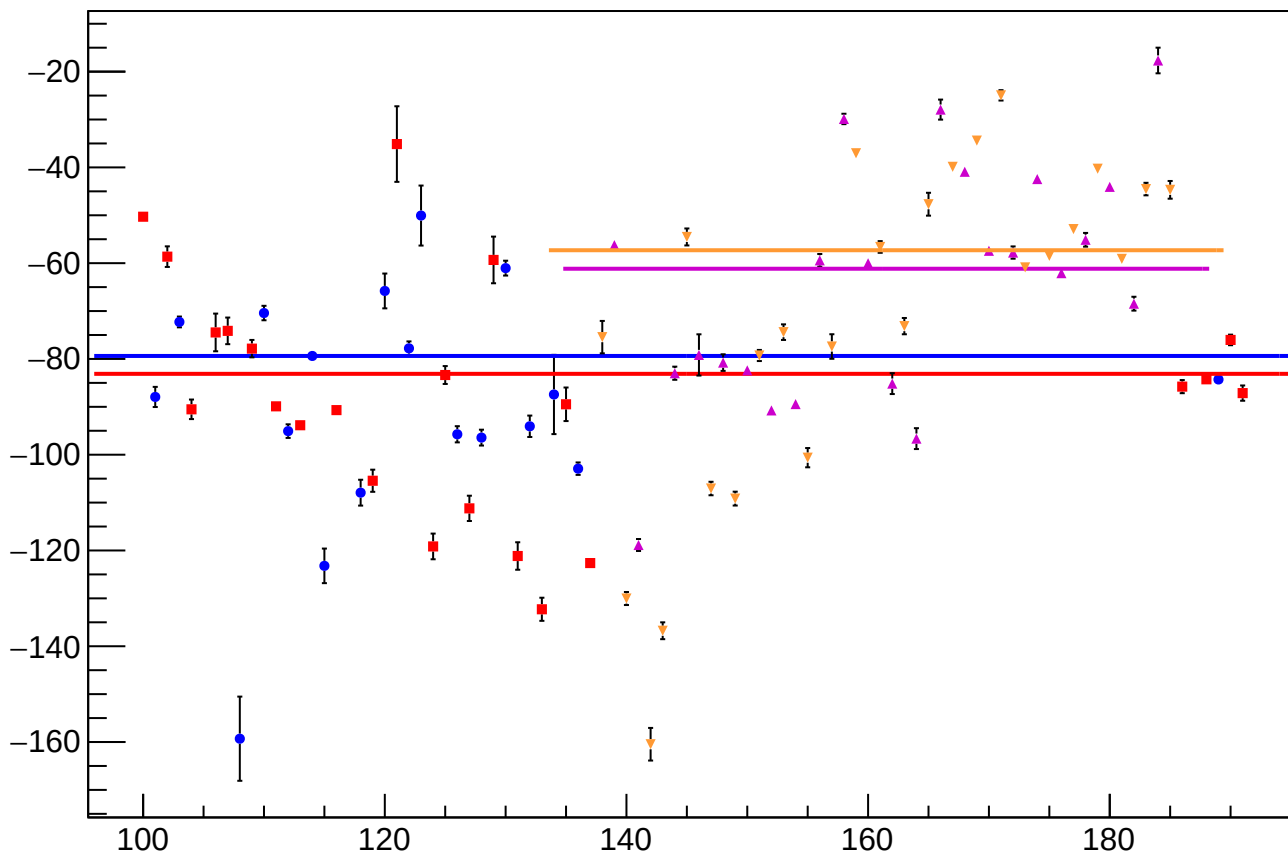
Left In: -28.215 ± 0.215 $\chi^2/\text{NDF}: 7786.5/22$

+ sign -26.504 ± 0.000 $\chi^2/\text{NDF}: 8406.2/42$

All: -26.530 ± 0.000 $\chi^2/\text{NDF}: 412159279654$

- sign -26.577 ± 0.000 $\chi^2/\text{NDF}: 10869.7/45$

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1340.0/17$

Left Out: -57.300 ± 0.229 $\chi^2/\text{NDF}: 13067.7/24$

Right Out: -83.111 ± 0.167 $\chi^2/\text{NDF}: 11970.7/22$

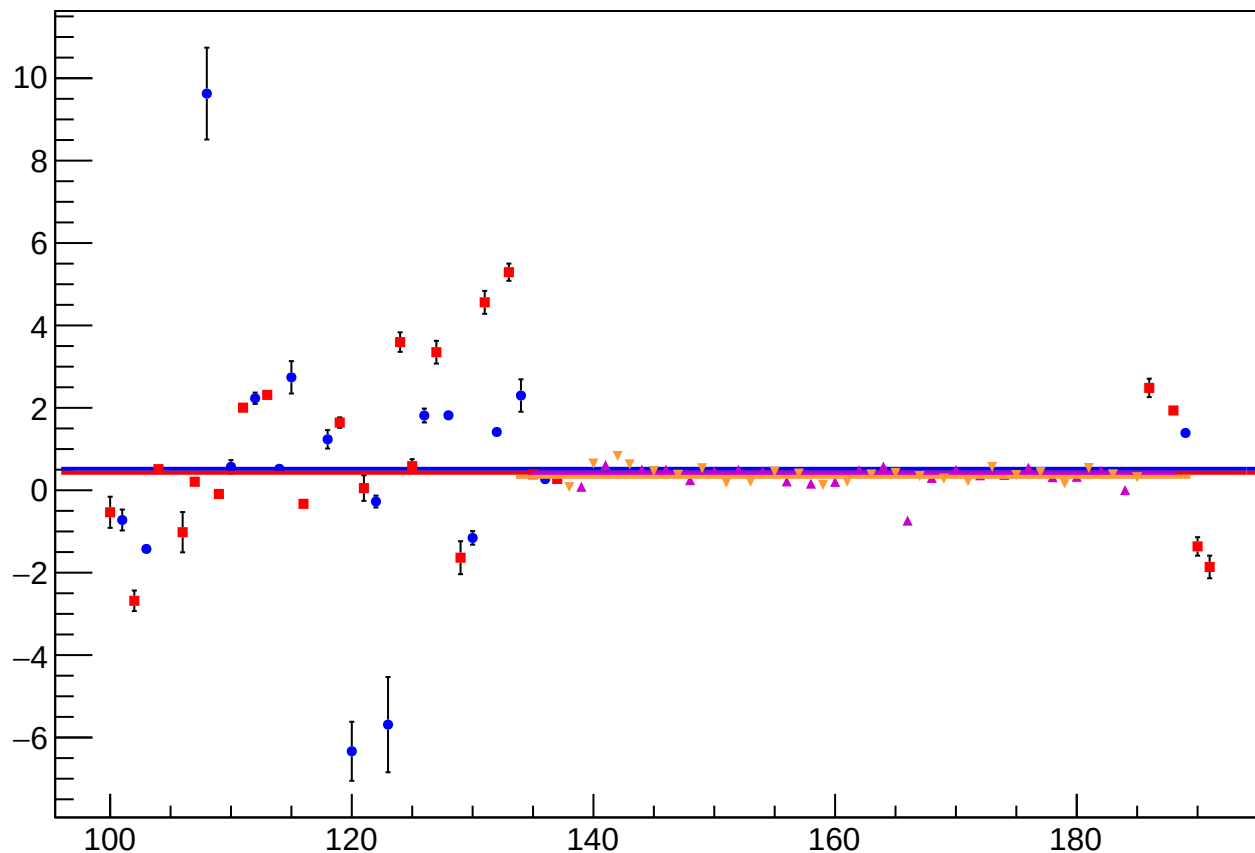
Left In: -61.164 ± 0.218 $\chi^2/\text{NDF}: 8941.7/22$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 23685.3/42$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 52106.2/88$

- sign -75.000 ± 0.132 $\chi^2/\text{NDF}: 27326.3/45$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521 ± 0.000 χ^2/NDF : 3545.8/17

Left Out: 0.326 ± 0.002 χ^2/NDF : 10419.3/24

Right Out: 0.424 ± 0.011 χ^2/NDF : 3254.0/22

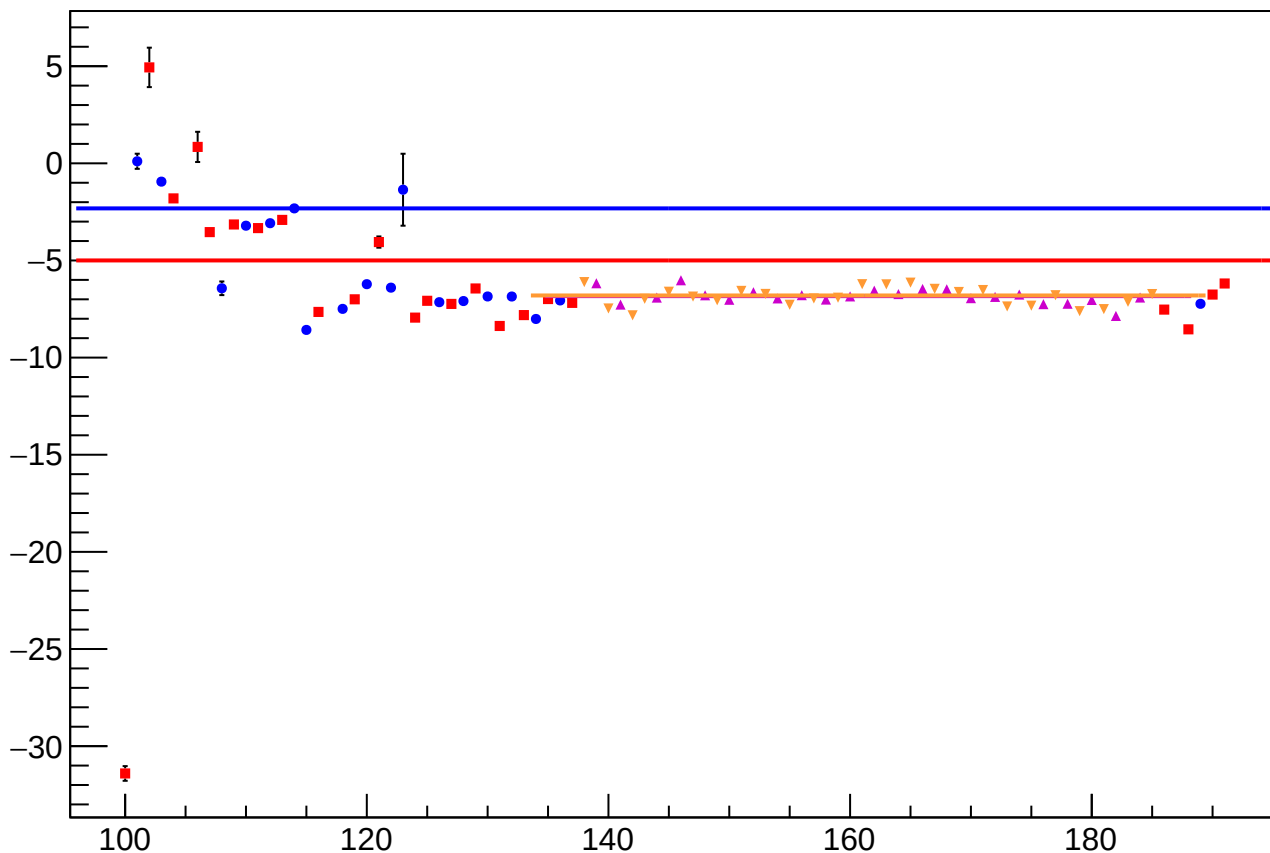
Left In: 0.396 ± 0.001 χ^2/NDF : 11392.0/22

+ sign 0.521 ± 0.000 χ^2/NDF : 28718.2/42

All: 0.521 ± 0.000 χ^2/NDF : 50961.6/88

- sign 0.396 ± 0.001 χ^2/NDF : 14652.7/45

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 271621.8/17

Left Out: -6.802 ± 0.002 χ^2/NDF : 14918.8/24

Right Out: -4.999 ± 0.010 χ^2/NDF : 53744.0/22

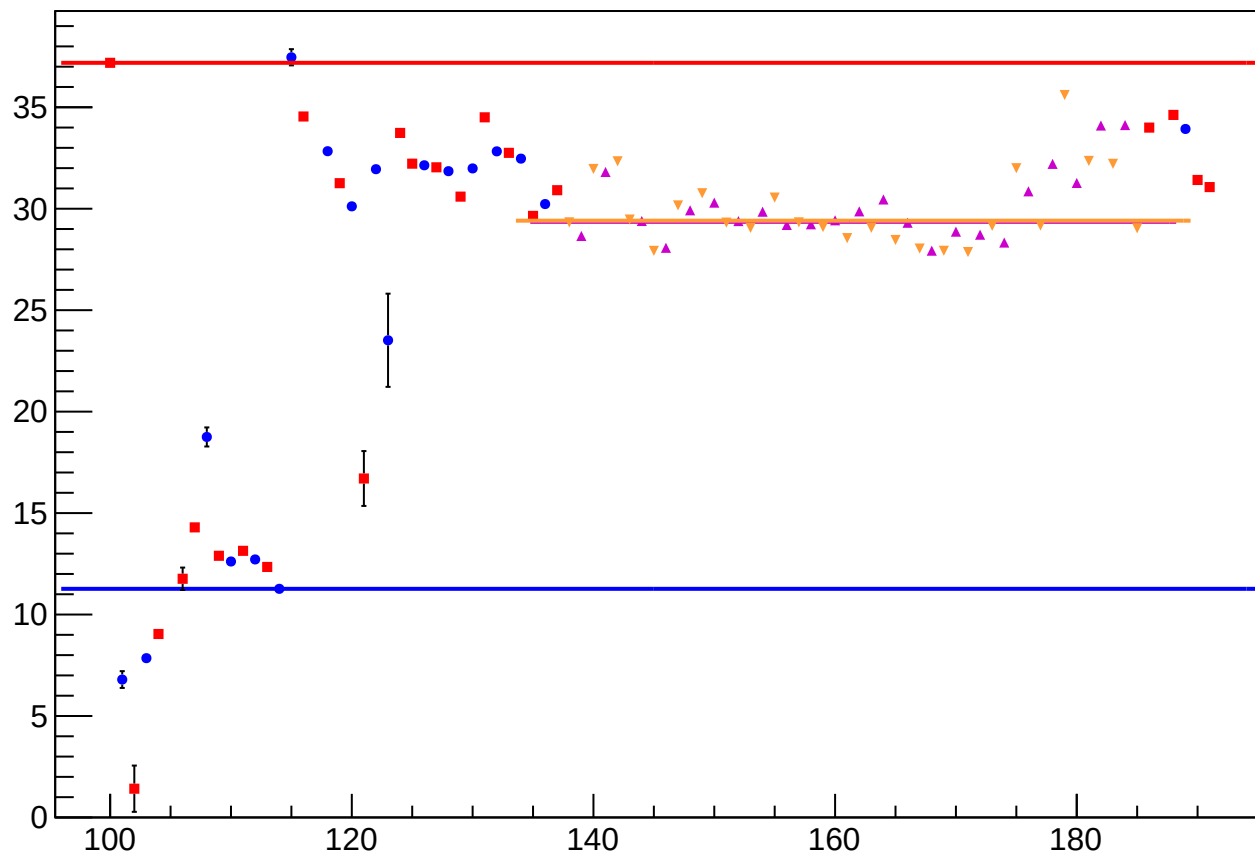
Left In: -6.836 ± 0.002 χ^2/NDF : 9245.1/22

+ sign -2.320 ± 0.000 χ^2/NDF : 3534447.6/42

All: -2.320 ± 0.000 χ^2/NDF : 7180072.8/88

- sign -6.737 ± 0.002 χ^2/NDF : 94371.7/45

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 975214.7/17

Left Out: 29.411 $\pm$ 0.008 χ^2 /NDF: 44374.5/24

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1125867.9/22

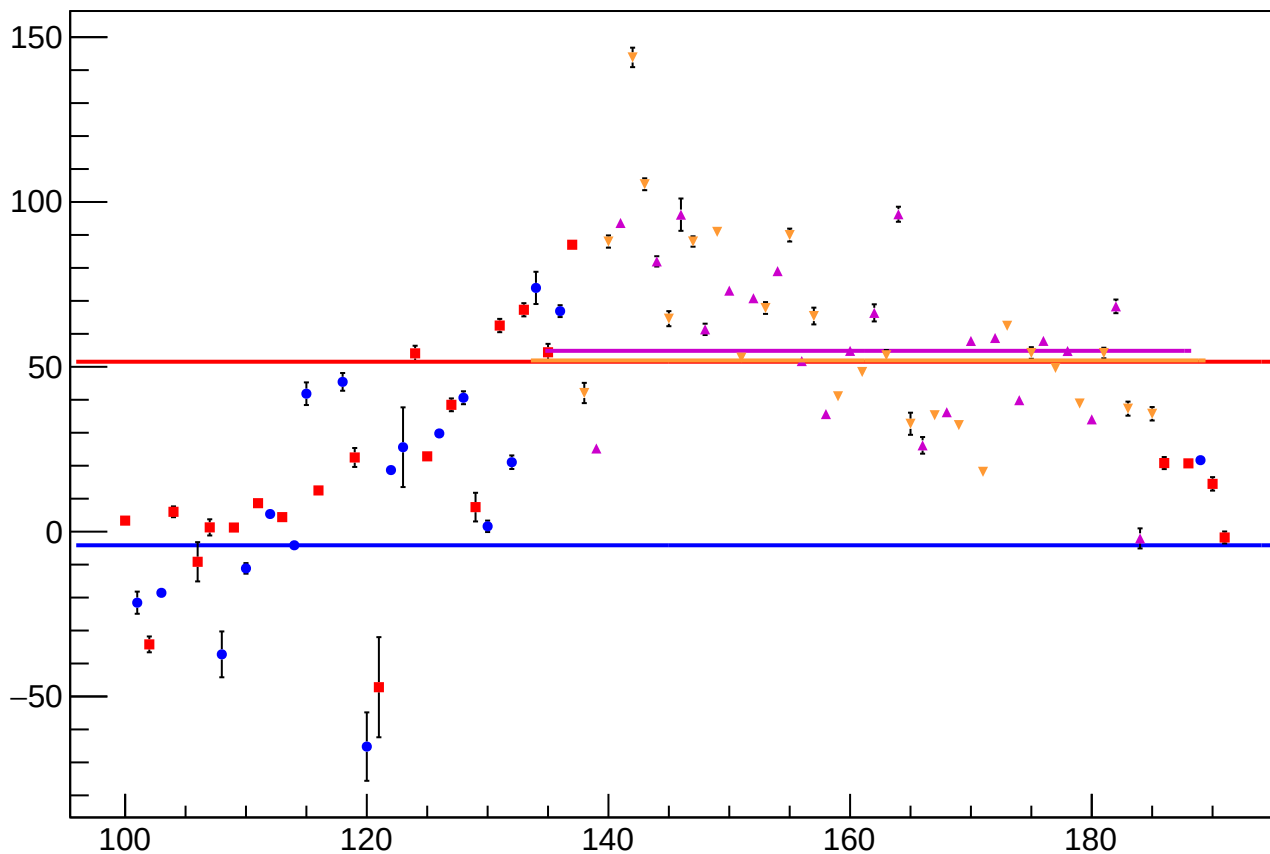
Left In: 29.354 $\pm$ 0.008 χ^2 /NDF: 14741.7/22

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 5934839.6/42

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 2129105.3/45

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 5056.8/17

Left Out: 51.931 ± 0.276 χ^2/NDF : 6225.4/24

Right Out: 51.543 ± 0.163 χ^2/NDF : 57770.4/22

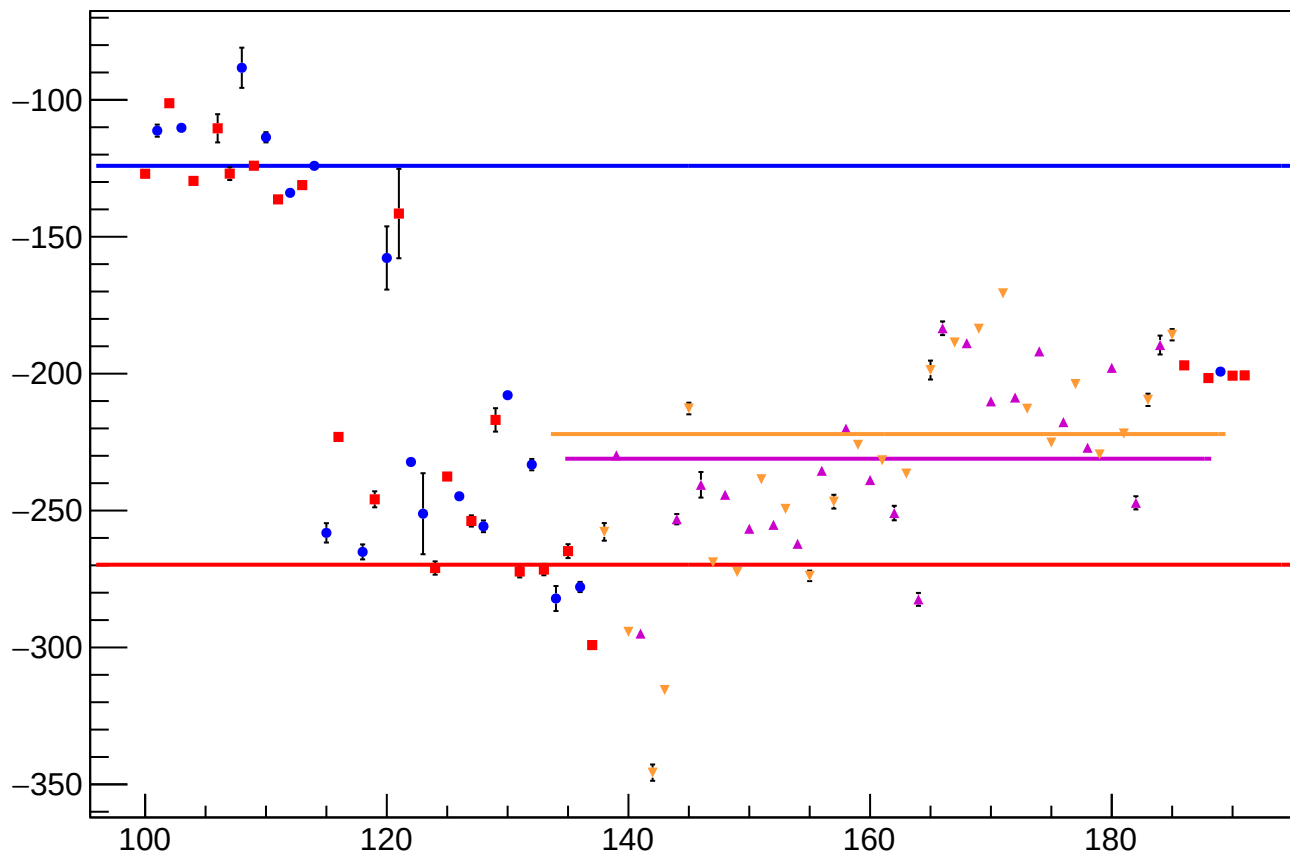
Left In: 54.849 ± 0.247 χ^2/NDF : 6325.8/22

+ sign -4.139 ± 0.000 χ^2/NDF : 52688.3/42

All: -4.139 ± 0.000 χ^2/NDF : 289923.7/88

- sign 52.548 ± 0.136 χ^2/NDF : 64220.6/45

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 47301.4/17$

Left Out: -222.063 ± 0.272 $\chi^2/\text{NDF}: 15812.2/24$

Right Out: -269.778 ± 0.110 $\chi^2/\text{NDF}: 299312.5/22$

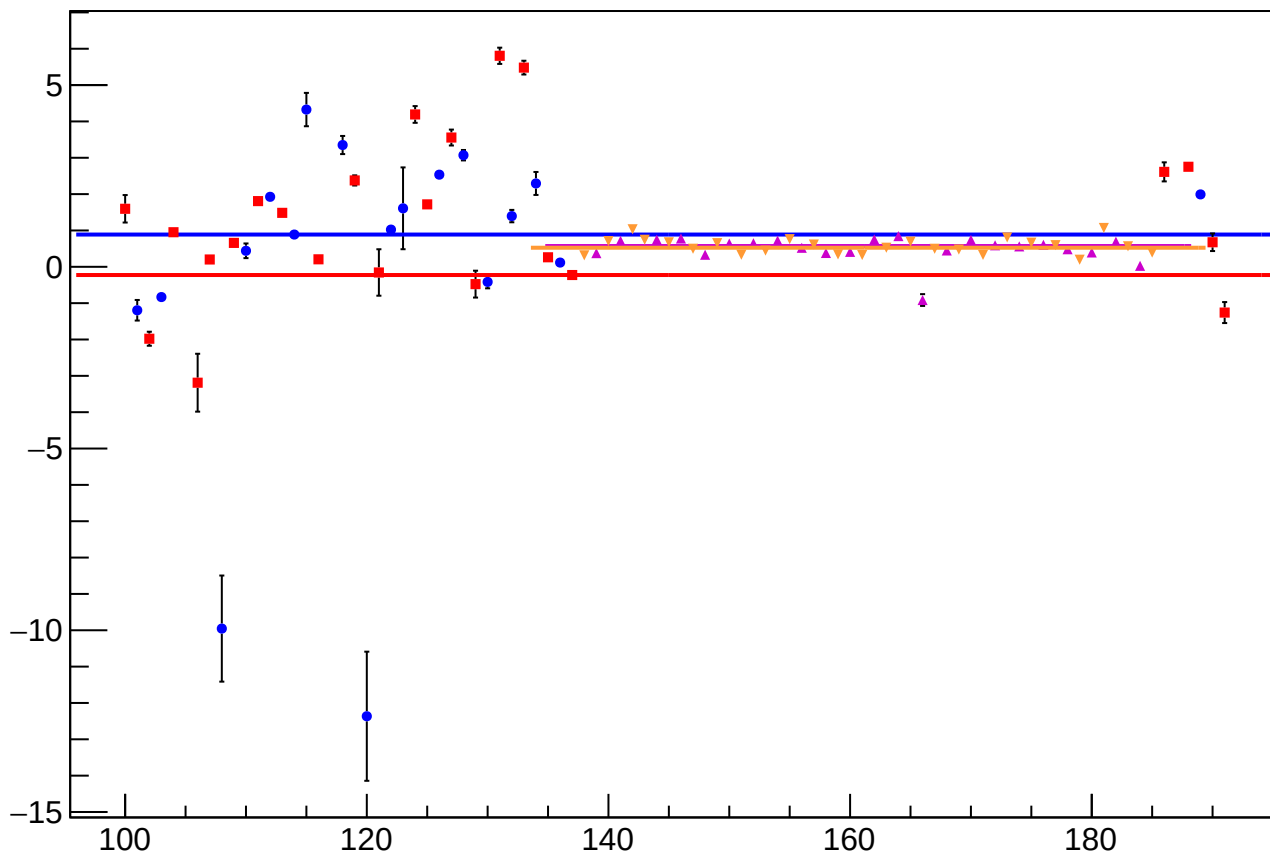
Left In: -231.069 ± 0.249 $\chi^2/\text{NDF}: 12005.6/22$

+ sign -124.095 ± 0.000 $\chi^2/\text{NDF}: 192667.9/42$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2439766.9/88$

- sign -263.471 ± 0.101 $\chi^2/\text{NDF}: 331471.5/45$

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8761.4/17

Left Out: 0.525 ± 0.002 χ^2/NDF : 9207.9/24

Right Out: -0.226 ± 0.000 χ^2/NDF : 6106.3/22

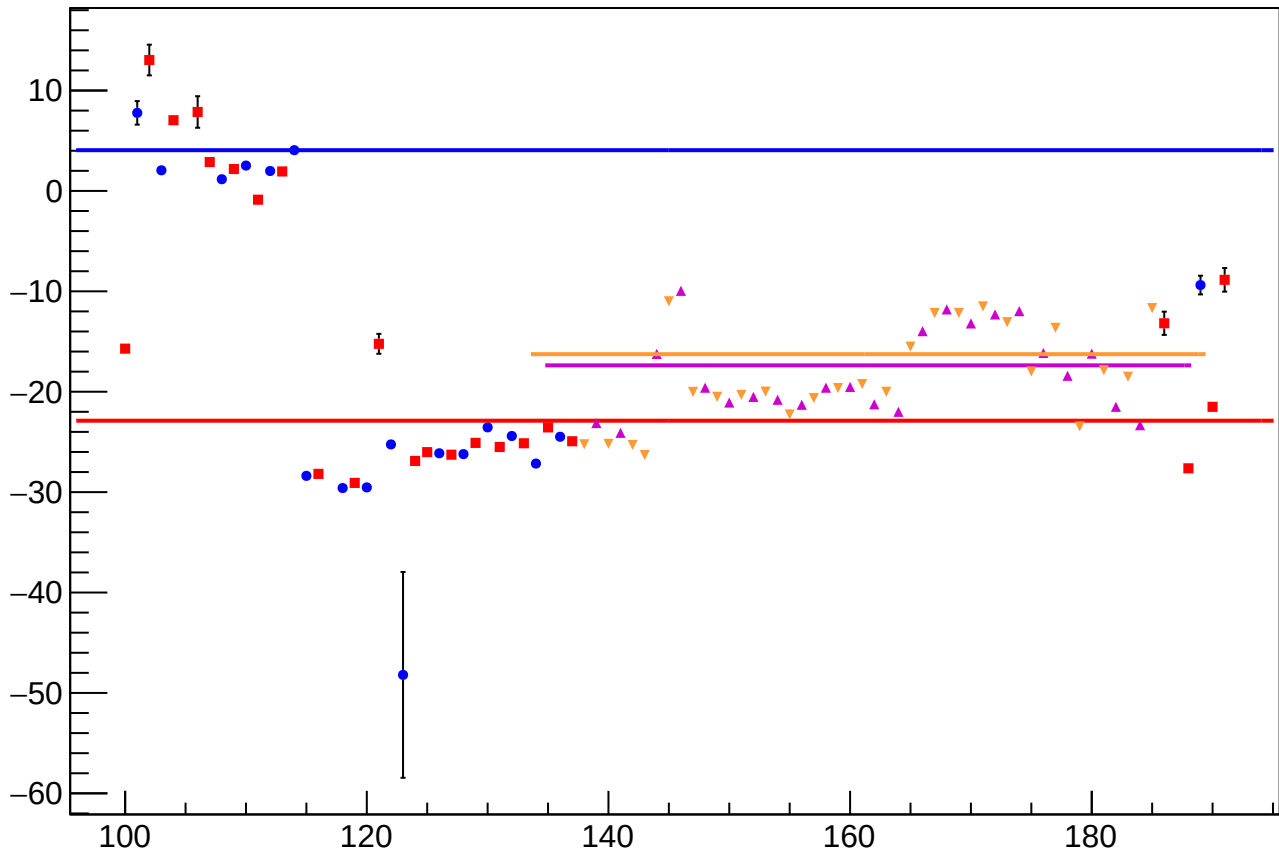
Left In: 0.572 ± 0.002 χ^2/NDF : 5600.2/22

+ sign 0.888 ± 0.000 χ^2/NDF : 50308.6/42

All: 0.888 ± 0.000 χ^2/NDF : 422293660.5/88

- sign -0.225 ± 0.000 χ^2/NDF : 173600.9/45

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1248096.5/17

Left Out: -16.260+/-0.010 χ^2/NDF : 188515.0/24

Right Out: -22.885+/-0.026 χ^2/NDF : 116847.5/22

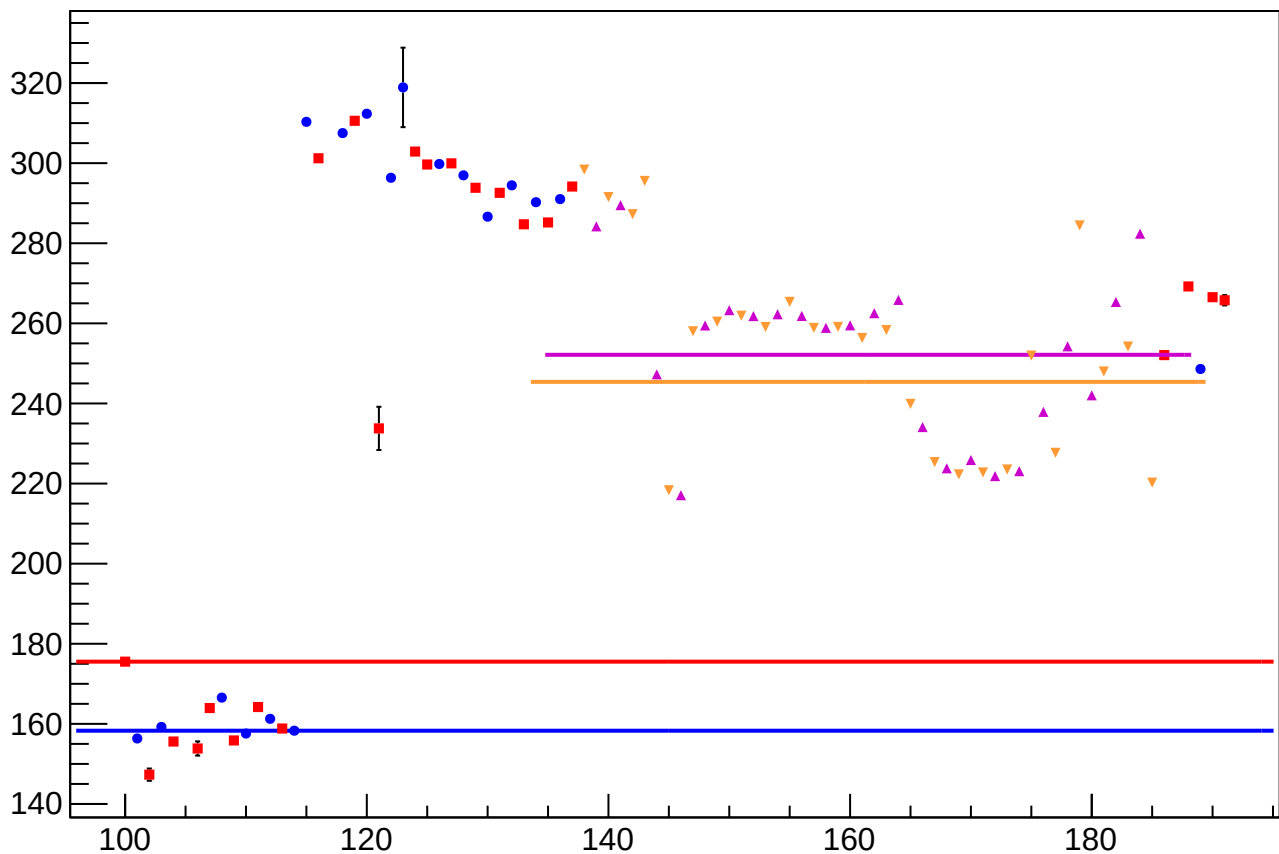
Left In: -17.374+/-0.009 χ^2/NDF : 169487.5/22

+ sign 4.057+/-0.000 χ^2/NDF : 5552506.6/42

All: 4.057+/-0.000 χ^2/NDF : 12125566.6/88

- sign -17.998+/-0.009 χ^2/NDF : 325530.2/45

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2428249.5/17

Left Out: 245.391+/-0.027 χ^2/NDF : 723564.6/24

Right Out: 175.536+/-0.000 χ^2/NDF : 2168302.1/22

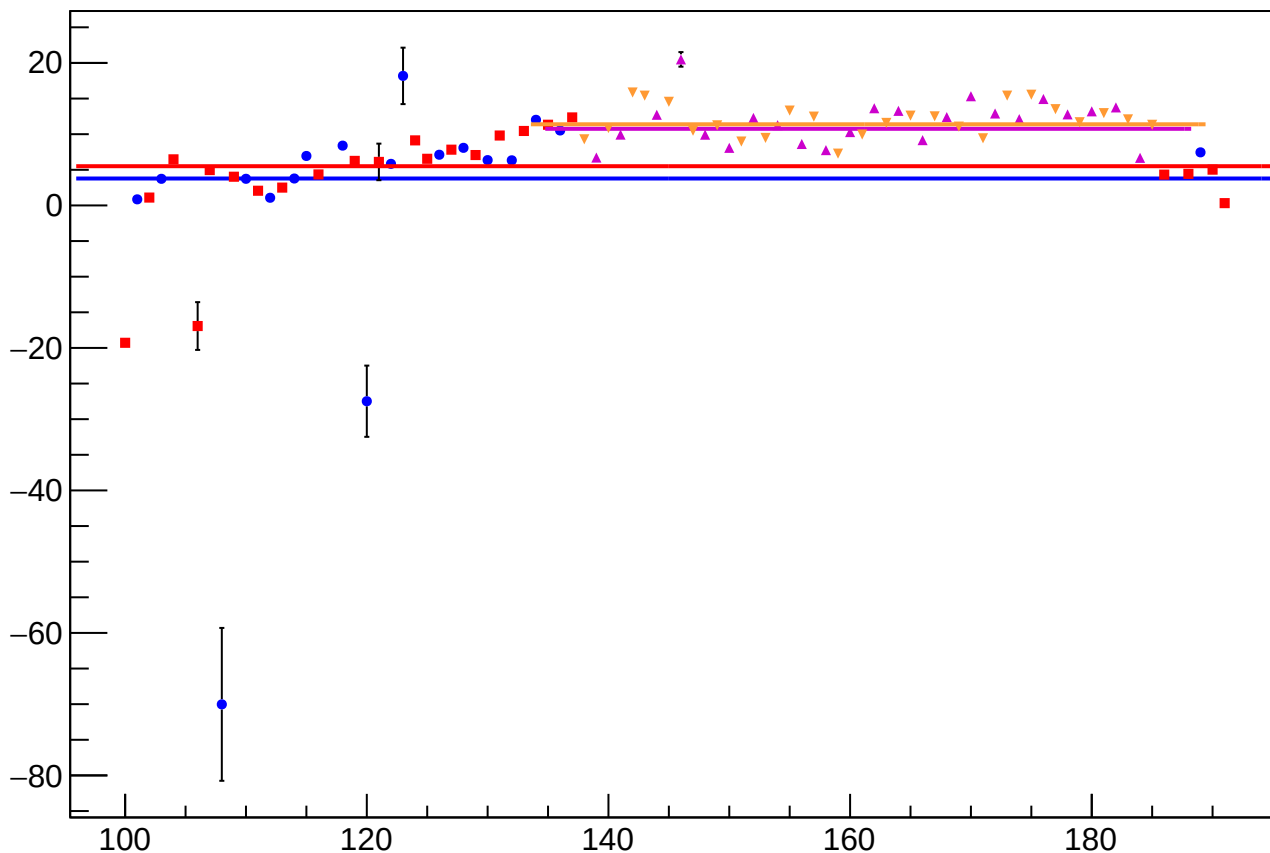
Left In: 252.148+/-0.028 χ^2/NDF : 359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF : 13282414.2/42

All: 172.618+/-0.000 χ^2/NDF : 373727491225

- sign 175.536+/-0.000 χ^2/NDF : 9832948.4/45

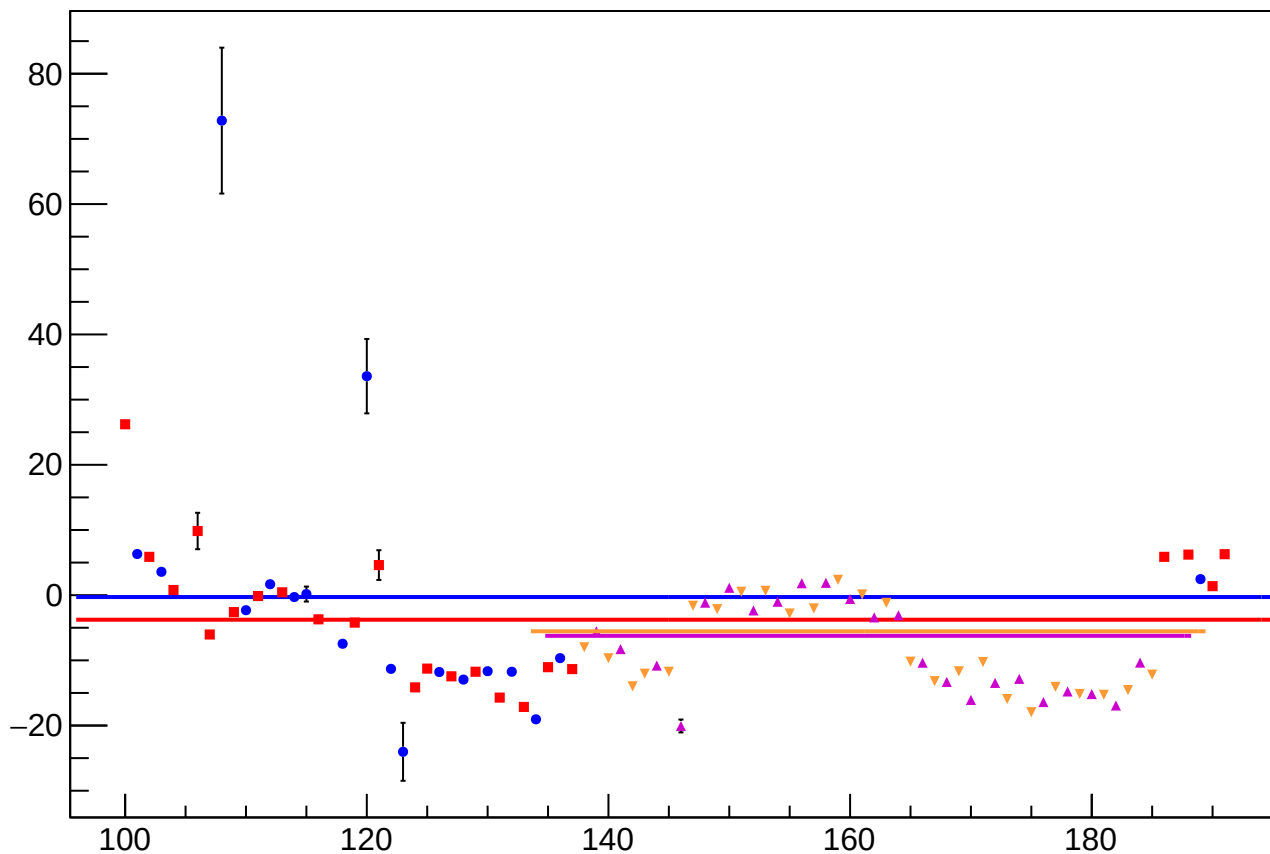
dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 7096.3/17
 Left Out: 11.389 ± 0.030 χ^2/NDF : 4296.1/24
 Right Out: 5.506 ± 0.024 χ^2/NDF : 23193.4/22
 Left In: 10.753 ± 0.028 χ^2/NDF : 9950.6/22

+ sign 3.778 ± 0.000 χ^2/NDF : 75388.5/42
 All: 3.778 ± 0.000 χ^2/NDF : 177203.2/88
 - sign 7.716 ± 0.018 χ^2/NDF : 53895.8/45

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44436.6/17

Left Out: -5.539 ± 0.030 χ^2/NDF : 43439.8/24

Right Out: -3.764 ± 0.025 χ^2/NDF : 97683.0/22

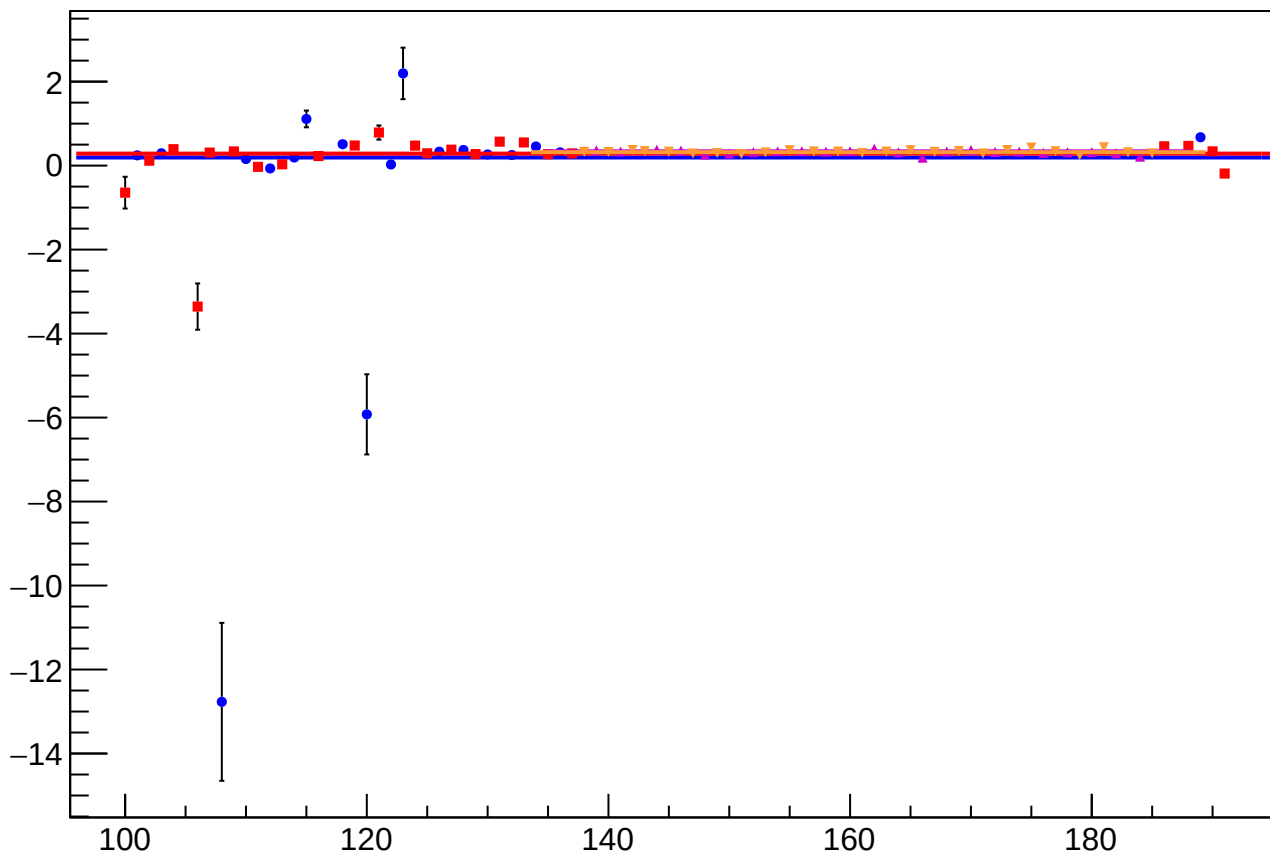
Left In: -6.234 ± 0.028 χ^2/NDF : 57358.9/22

+ sign -0.287 ± 0.000 χ^2/NDF : 118318.8/42

All: -0.287 ± 0.000 χ^2/NDF : 337604.3/88

- sign -4.832 ± 0.019 χ^2/NDF : 159385.5/45

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10549.3/17

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF: 3374.4/24

Right Out: 0.286 $\pm$ 0.001 χ^2 /NDF: 6710.0/22

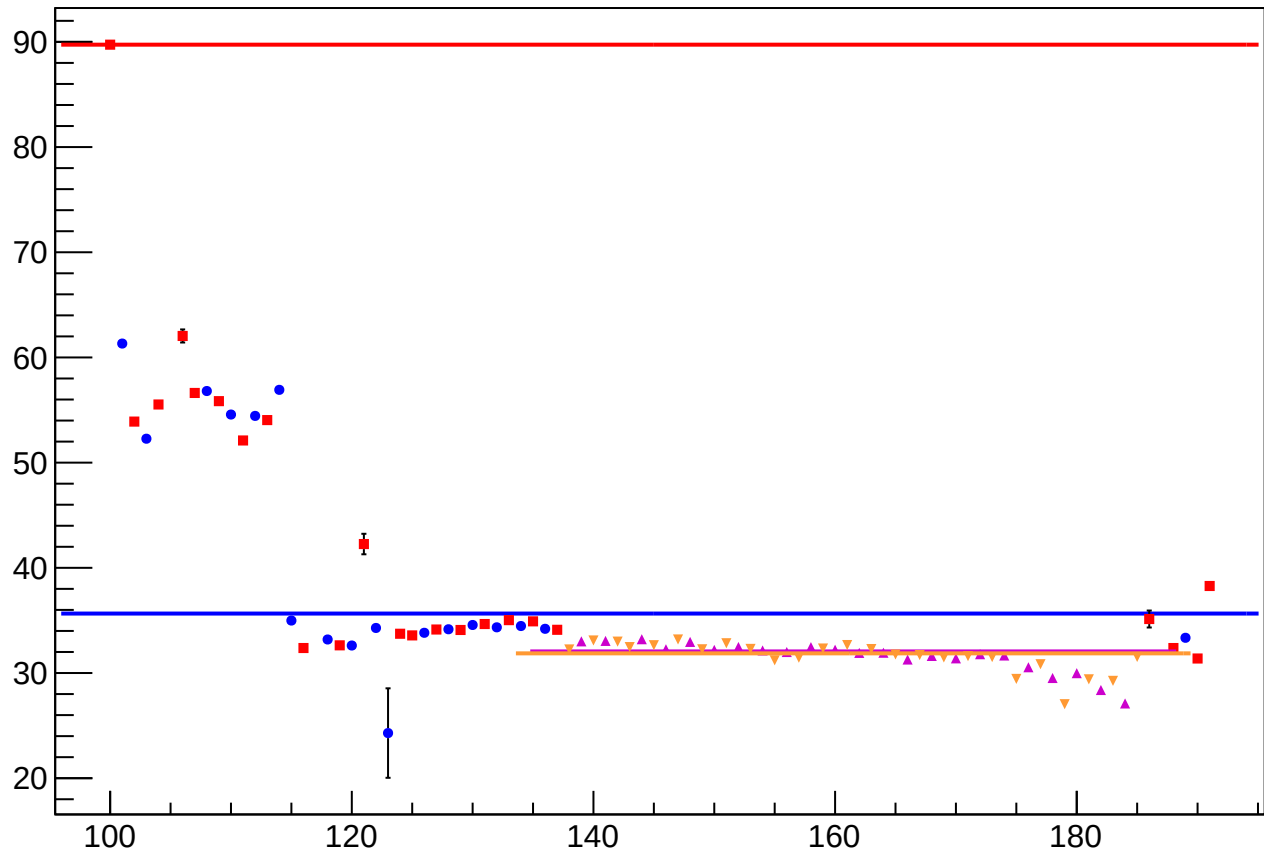
Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 4171.9/22

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 77140.4/42

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 168695.2/88

- sign 0.334 $\pm$ 0.000 χ^2 /NDF: 12112.4/45

dit_sam5_4aY_slope vs Slug



Right In: 35.653 $\pm$ 0.011 χ^2 /NDF: 218859.9/17

Left Out: 31.869 $\pm$ 0.003 χ^2 /NDF: 61955.3/24

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25998923.7/22

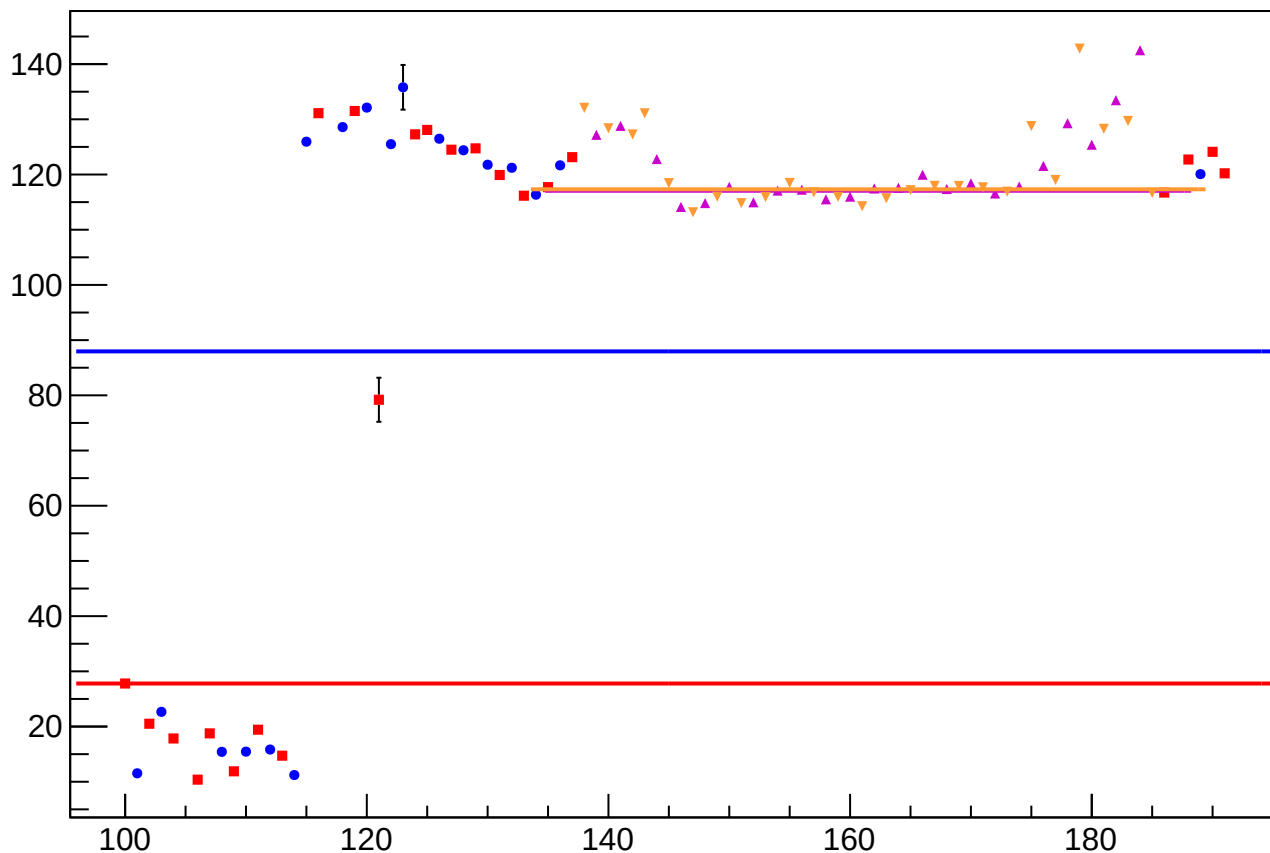
Left In: 32.053 $\pm$ 0.003 χ^2 /NDF: 32470.5/22

+ sign 32.134 $\pm$ 0.003 χ^2 /NDF: 384368.0/42

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 679240505.5/88

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 311312075.9/45

dit_sam5_4eY_slope vs Slug



Right In: 87.960 $\pm$ 0.031 χ^2 /NDF: 2456722.3/17

Left Out: 117.323 $\pm$ 0.008 χ^2 /NDF: 172684.3/24

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9733623.5/22

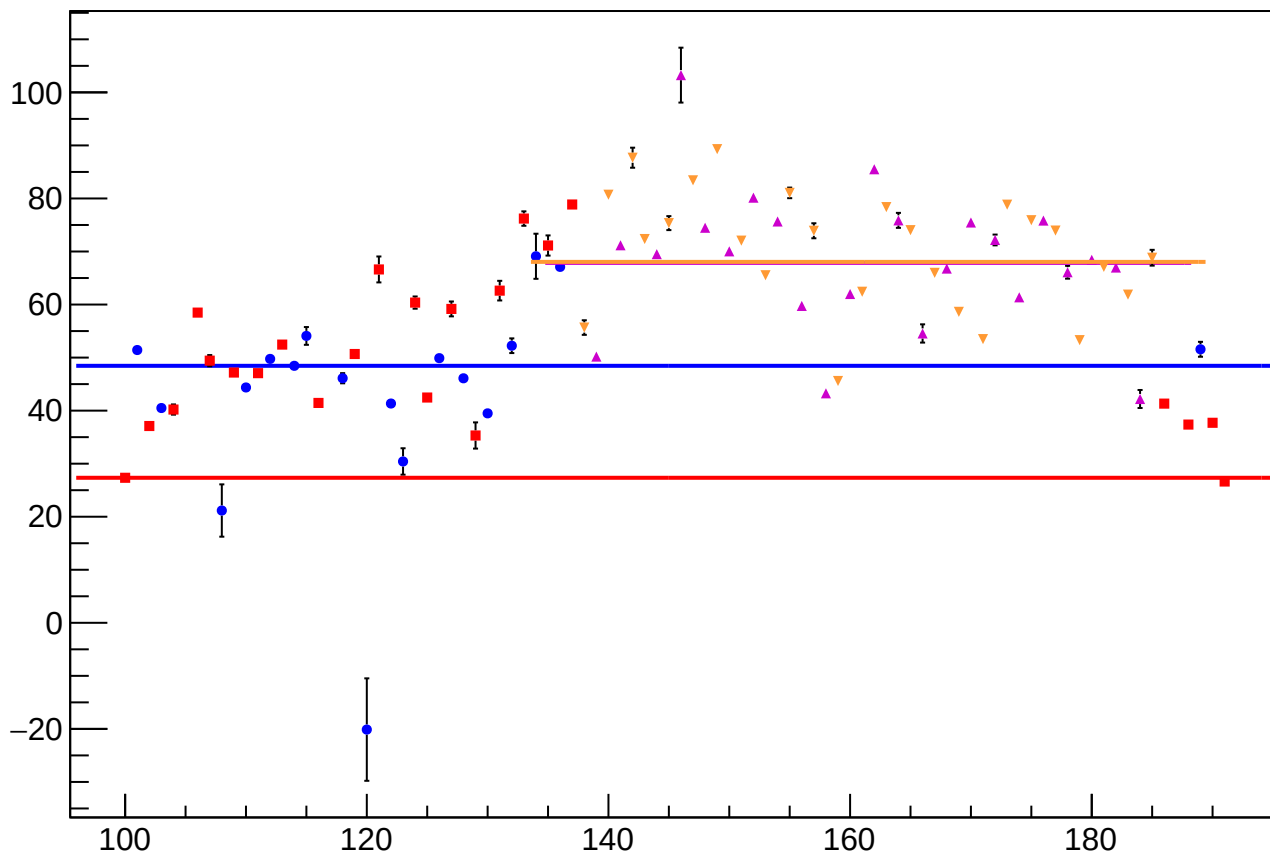
Left In: 117.061 $\pm$ 0.009 χ^2 /NDF: 62905.3/22

+ sign 115.589 $\pm$ 0.008 χ^2 /NDF: 3457100.6/42

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 249015621.5/88

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 112441423.8/45

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 2756.3/17

Left Out: 68.044 ± 0.132 χ^2/NDF : 6670.6/24

Right Out: 27.342 ± 0.000 χ^2/NDF : 27586.1/22

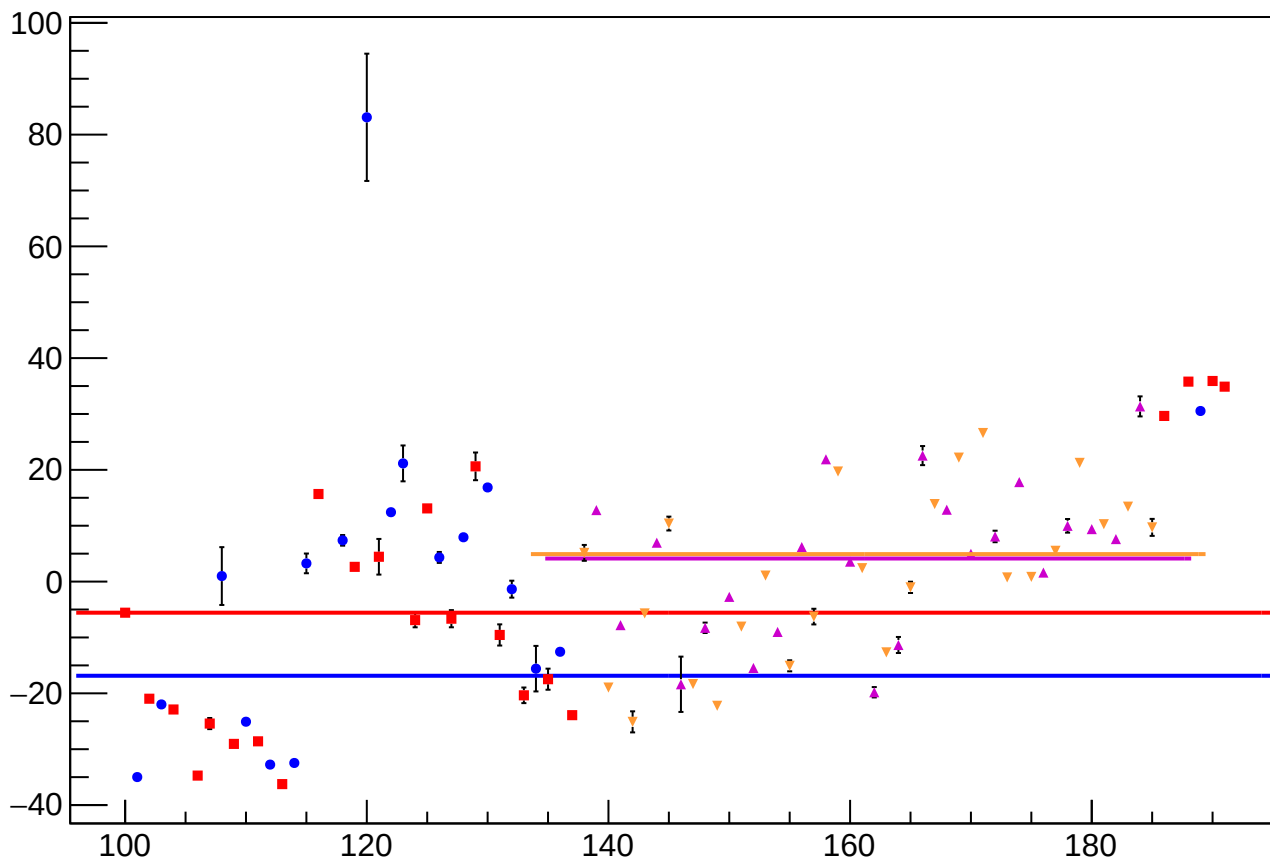
Left In: 67.852 ± 0.126 χ^2/NDF : 5519.9/22

+ sign 48.450 ± 0.000 χ^2/NDF : 31378.1/42

All: 28.365 ± 0.000 χ^2/NDF : 1026290104888

- sign 27.342 ± 0.000 χ^2/NDF : 137101.5/45

dit_sam6_4eX_slope vs Slug



Right In: -16.855 ± 0.145 χ^2/NDF : 16119.4/17

Left Out: 4.920 ± 0.132 χ^2/NDF : 10378.5/24

Right Out: -5.568 ± 0.000 χ^2/NDF : 63140.6/22

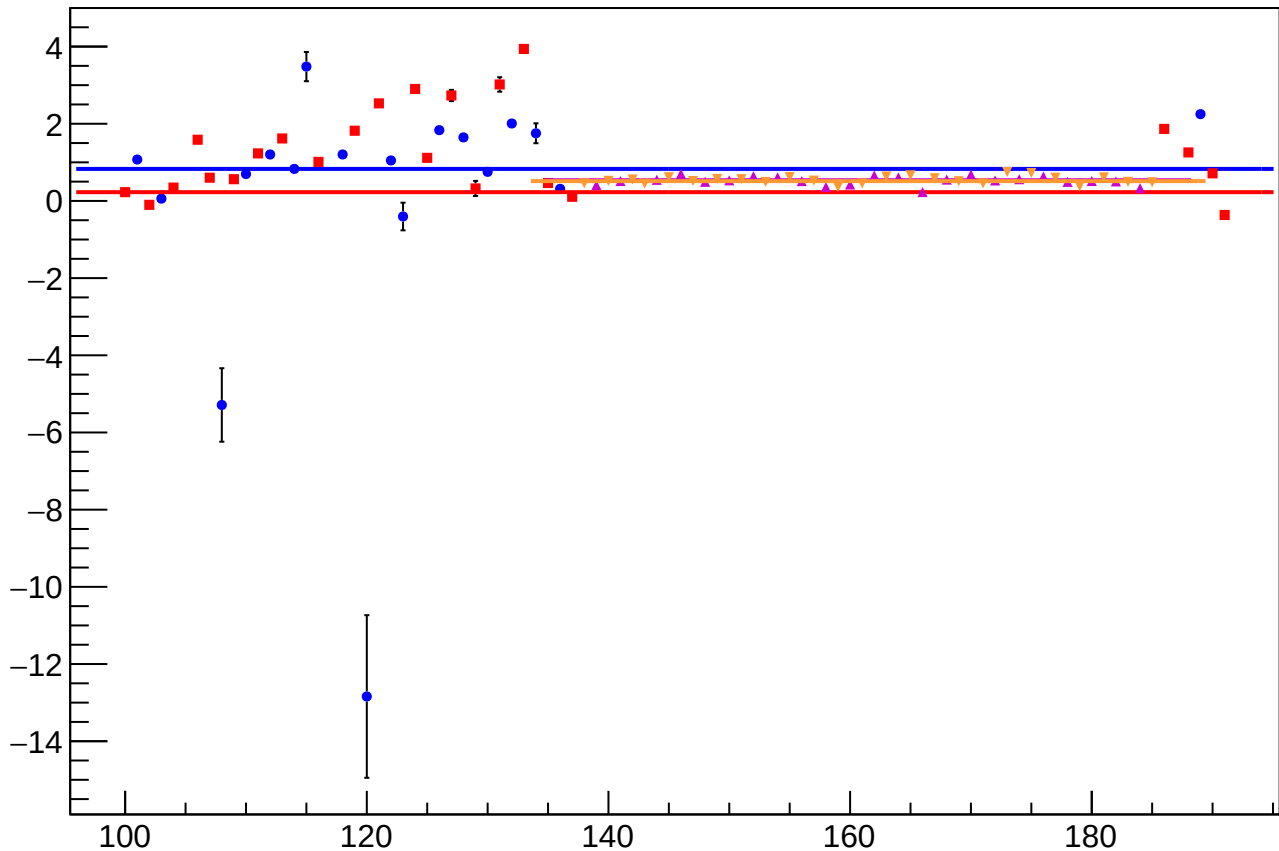
Left In: 4.129 ± 0.127 χ^2/NDF : 6161.4/22

+ sign -4.929 ± 0.098 χ^2/NDF : 38767.7/42

All: -5.568 ± 0.000 χ^2/NDF : 113949.5/88

- sign -5.568 ± 0.000 χ^2/NDF : 75139.2/45

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 15202.1/17

Left Out: 0.513 ± 0.001 χ^2/NDF : 15206.1/24

Right Out: 0.227 ± 0.000 χ^2/NDF : 13024.0/22

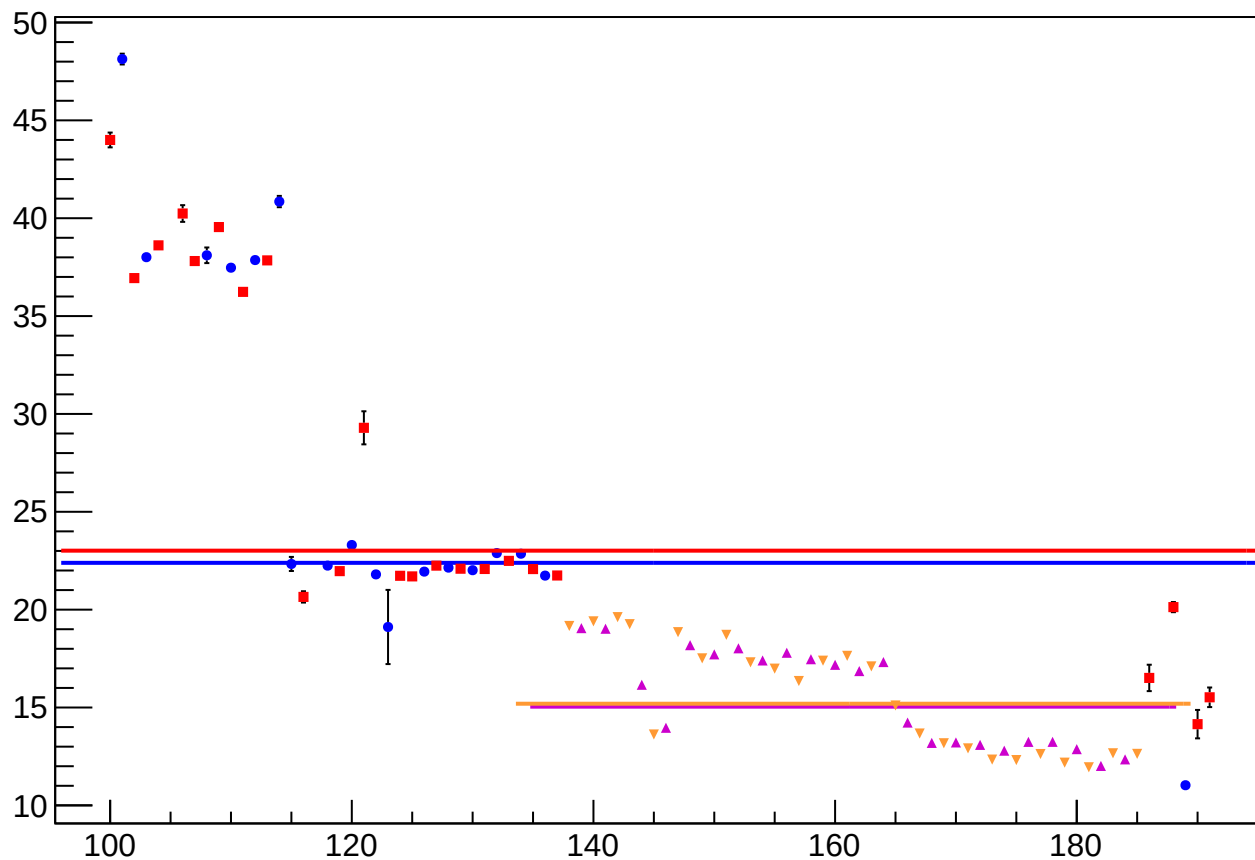
Left In: 0.536 ± 0.001 χ^2/NDF : 11764.8/22

+ sign 0.830 ± 0.000 χ^2/NDF : 138614.0/42

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 152154.5/45

dit_sam6_4aY_slope vs Slug



Right In: 22.392 ± 0.009 $\chi^2/\text{NDF}: 125516.7/17$

Left Out: 15.194 ± 0.004 $\chi^2/\text{NDF}: 417095.1/24$

Right Out: 23.014 ± 0.009 $\chi^2/\text{NDF}: 166429.2/22$

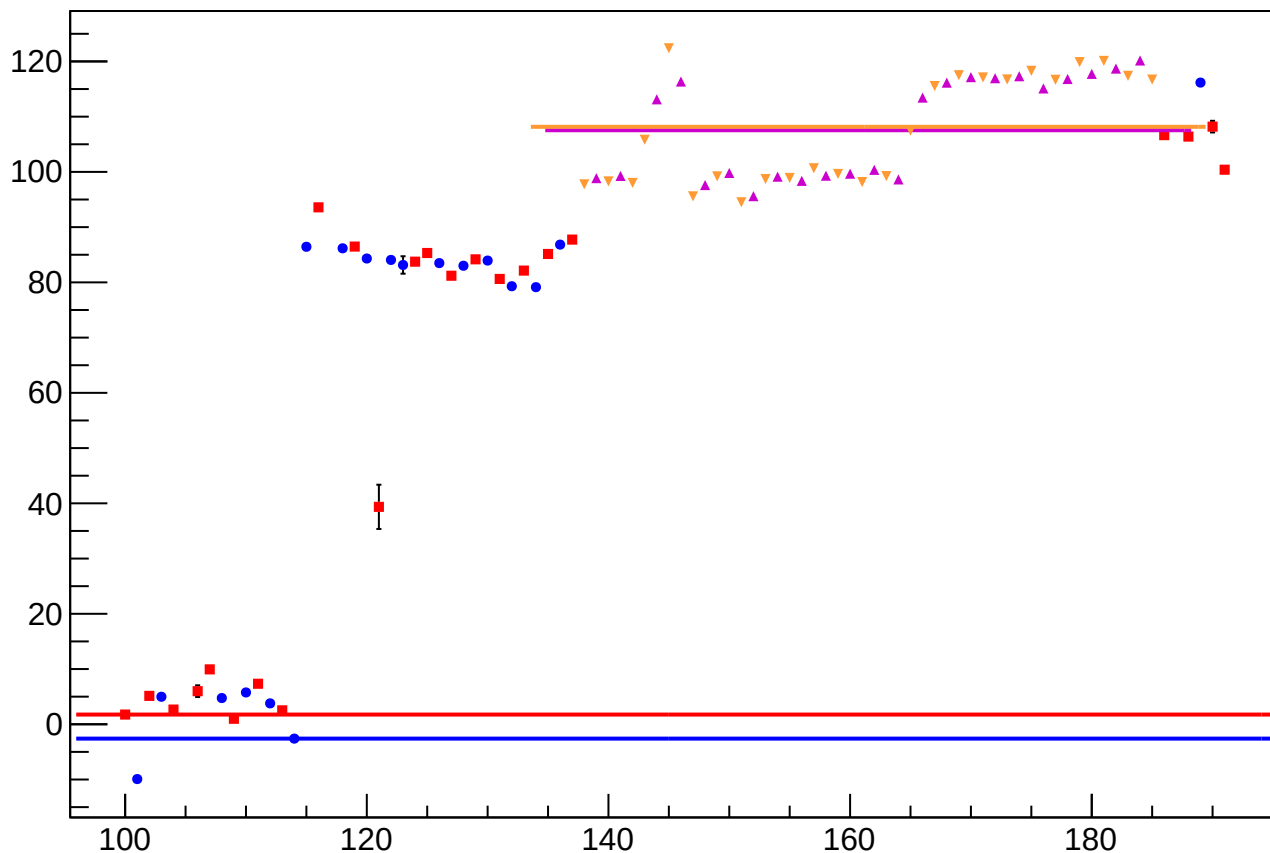
Left In: 15.044 ± 0.005 $\chi^2/\text{NDF}: 285851.6/22$

+ sign 16.458 ± 0.004 $\chi^2/\text{NDF}: 1041971.4/42$

All: 16.569 ± 0.003 $\chi^2/\text{NDF}: 2112655.4/88$

- sign 16.695 ± 0.004 $\chi^2/\text{NDF}: 1068917.5/45$

dit_sam6_4eY_slope vs Slug



Right In: -2.596 ± 0.000 χ^2/NDF : 7735003.9/17

Left Out: 108.162 ± 0.009 χ^2/NDF : 1076822.4/24

Right Out: 1.758 ± 0.000 χ^2/NDF : 4467800.0/22

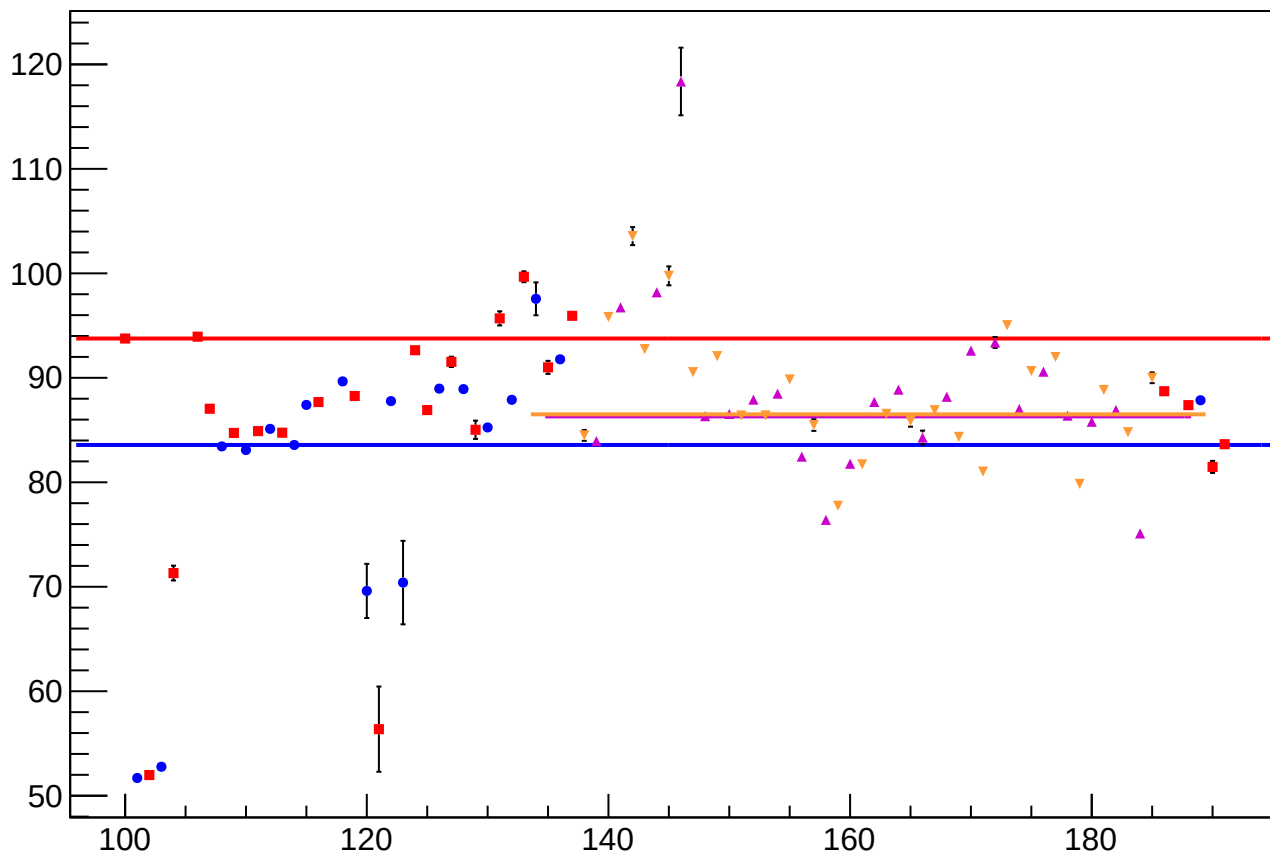
Left In: 107.543 ± 0.009 χ^2/NDF : 988940.0/22

+ sign -2.596 ± 0.000 χ^2/NDF : 150522986.2/42

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

- sign 1.758 ± 0.000 χ^2/NDF : 134207353.0/45

dit_sam7_4aX_slope vs Slug



Right In: 83.573 $\pm$ 0.000 χ^2/NDF : 49679.0/17

Left Out: 86.505 $\pm$ 0.060 χ^2/NDF : 8553.0/24

Right Out: 93.762 $\pm$ 0.000 χ^2/NDF : 86140.9/22

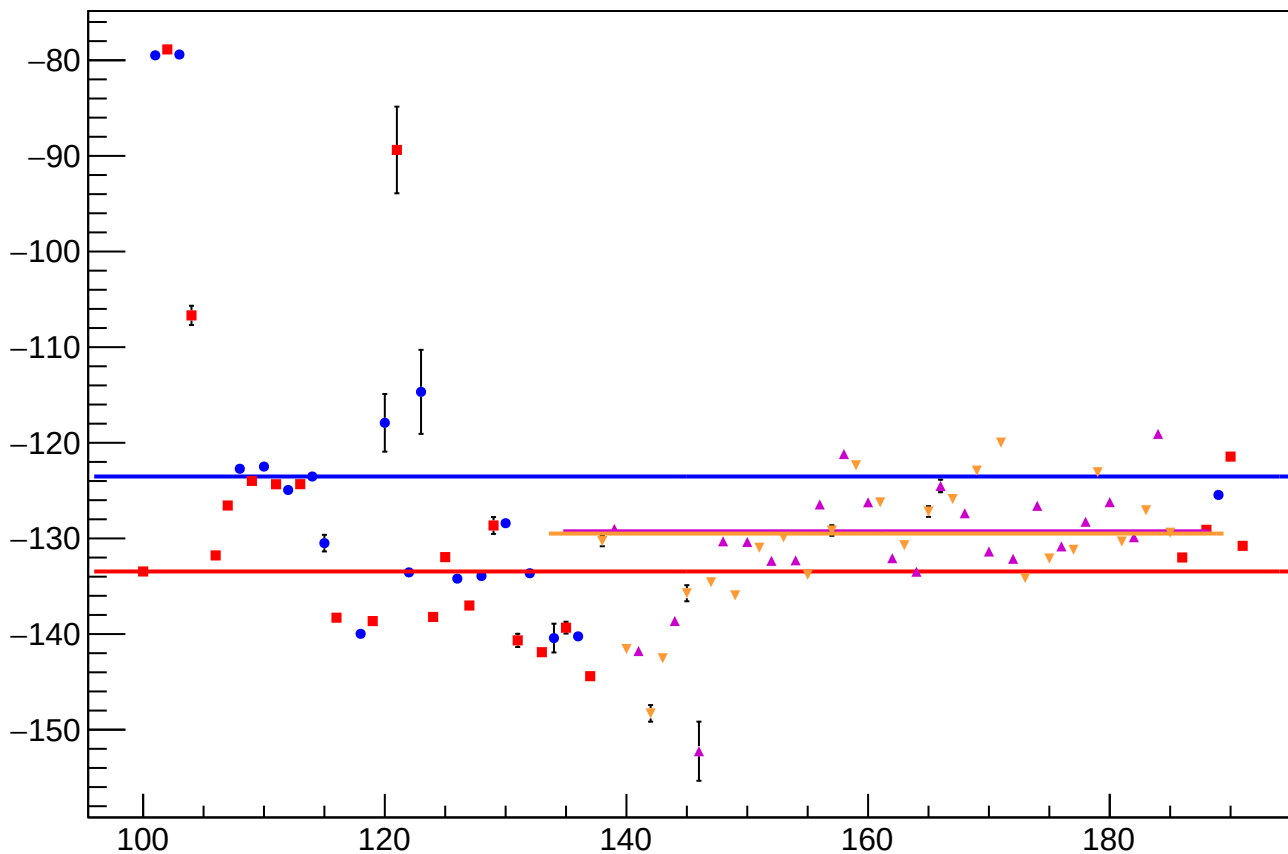
Left In: 86.310 $\pm$ 0.051 χ^2/NDF : 8666.5/22

+ sign 83.573 $\pm$ 0.000 χ^2/NDF : 60626.2/42

All: 87.169 $\pm$ 0.000 χ^2/NDF : 1995684404141

- sign 93.762 $\pm$ 0.000 χ^2/NDF : 115805.3/45

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 160584.3/17

Left Out: -129.492+/-0.059 χ^2/NDF : 10775.3/24

Right Out: -133.456+/-0.000 χ^2/NDF : 396826.3/22

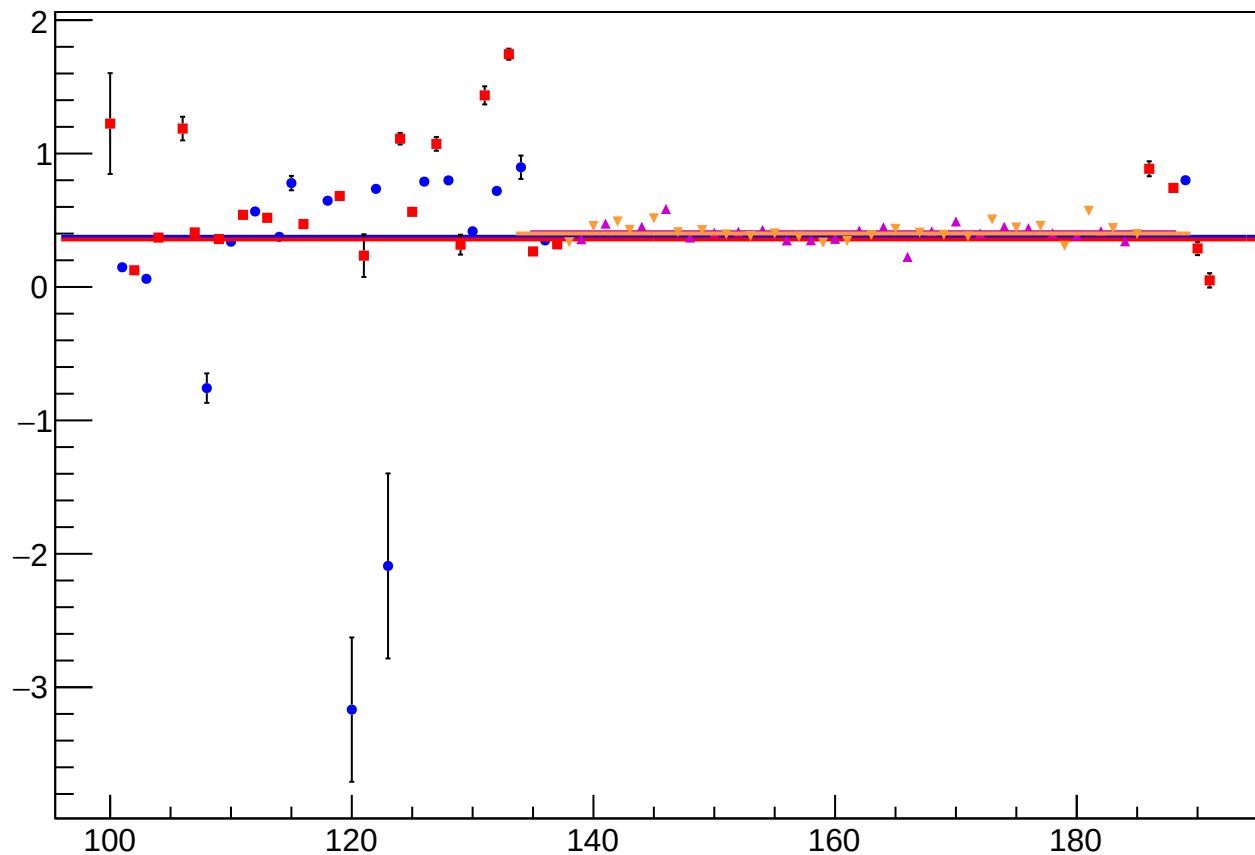
Left In: -129.256+/-0.052 χ^2/NDF : 6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF : 181519.3/42

All: -124.716+/-0.000 χ^2/NDF : 64467869901

- sign -133.456+/-0.000 χ^2/NDF : 410022.0/45

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 ± 0.000 χ^2/NDF : 4106.0/17

Left Out: 0.401 ± 0.000 χ^2/NDF : 9030.9/24

Right Out: 0.356 ± 0.002 χ^2/NDF : 5109.8/22

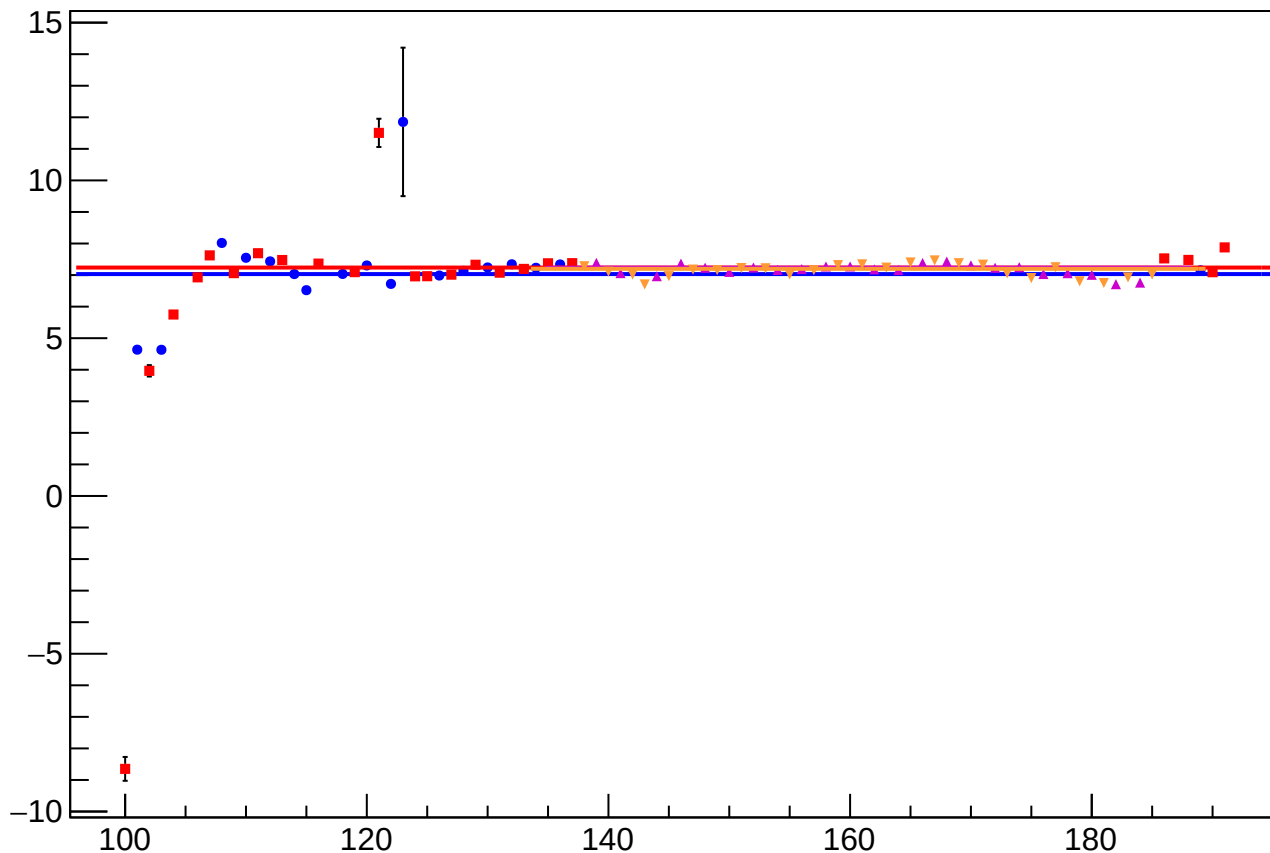
Left In: 0.410 ± 0.000 χ^2/NDF : 8478.2/22

+ sign 0.376 ± 0.000 χ^2/NDF : 15646.4/42

All: 0.376 ± 0.000 χ^2/NDF : 35293.3/88

- sign 0.406 ± 0.000 χ^2/NDF : 14774.1/45

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19773.7/17

Left Out: 7.199 ± 0.001 χ^2/NDF : 37453.7/24

Right Out: 7.238 ± 0.002 χ^2/NDF : 10406.2/22

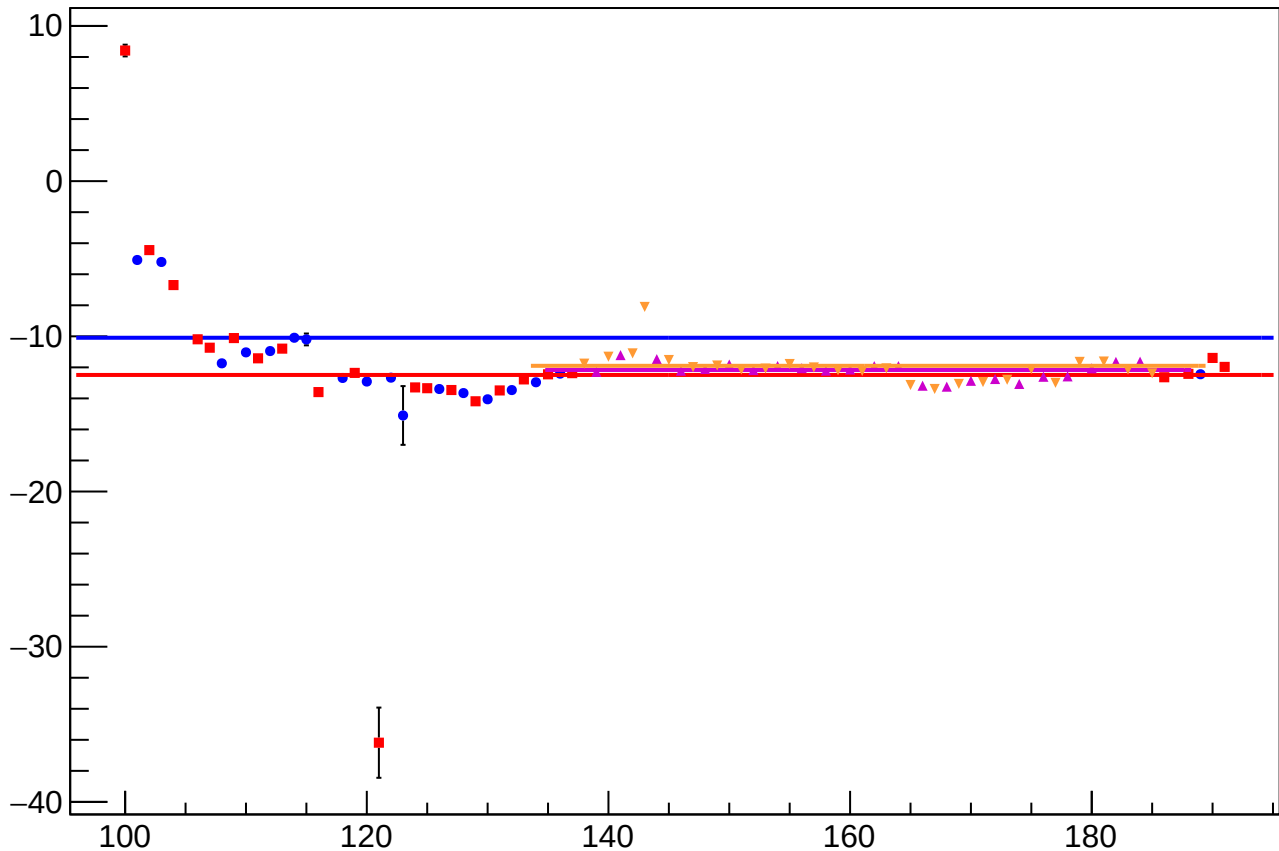
Left In: 7.233 ± 0.001 χ^2/NDF : 23085.0/22

+ sign 7.032 ± 0.000 χ^2/NDF : 91578.5/42

All: 7.032 ± 0.000 χ^2/NDF : 191538.7/88

- sign 7.234 ± 0.001 χ^2/NDF : 33495.6/45

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 544420.0/17

Left Out: -11.899 ± 0.002 χ^2/NDF : 498866.6/24

Right Out: -12.489 ± 0.004 χ^2/NDF : 104821.5/22

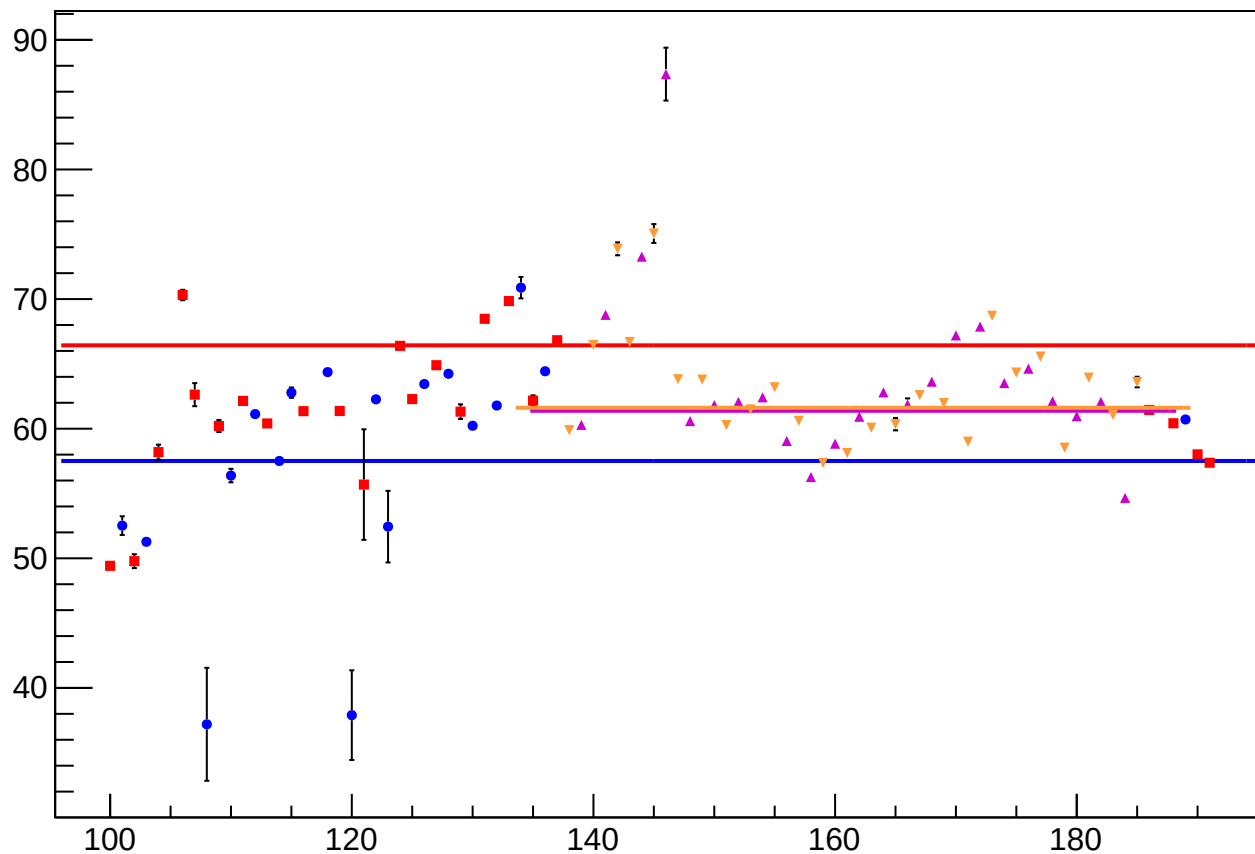
Left In: -12.169 ± 0.002 χ^2/NDF : 49568.3/22

+ sign -10.092 ± 0.000 χ^2/NDF : 2186383.6/42

All: -10.092 ± 0.000 χ^2/NDF : 4259073.2/88

- sign -12.227 ± 0.002 χ^2/NDF : 160738.9/45

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8992.4/17

Left Out: 61.615 $\pm$ 0.039 χ^2 /NDF: 7756.9/24

Right Out: 66.431 $\pm$ 0.013 χ^2 /NDF: 16785.6/22

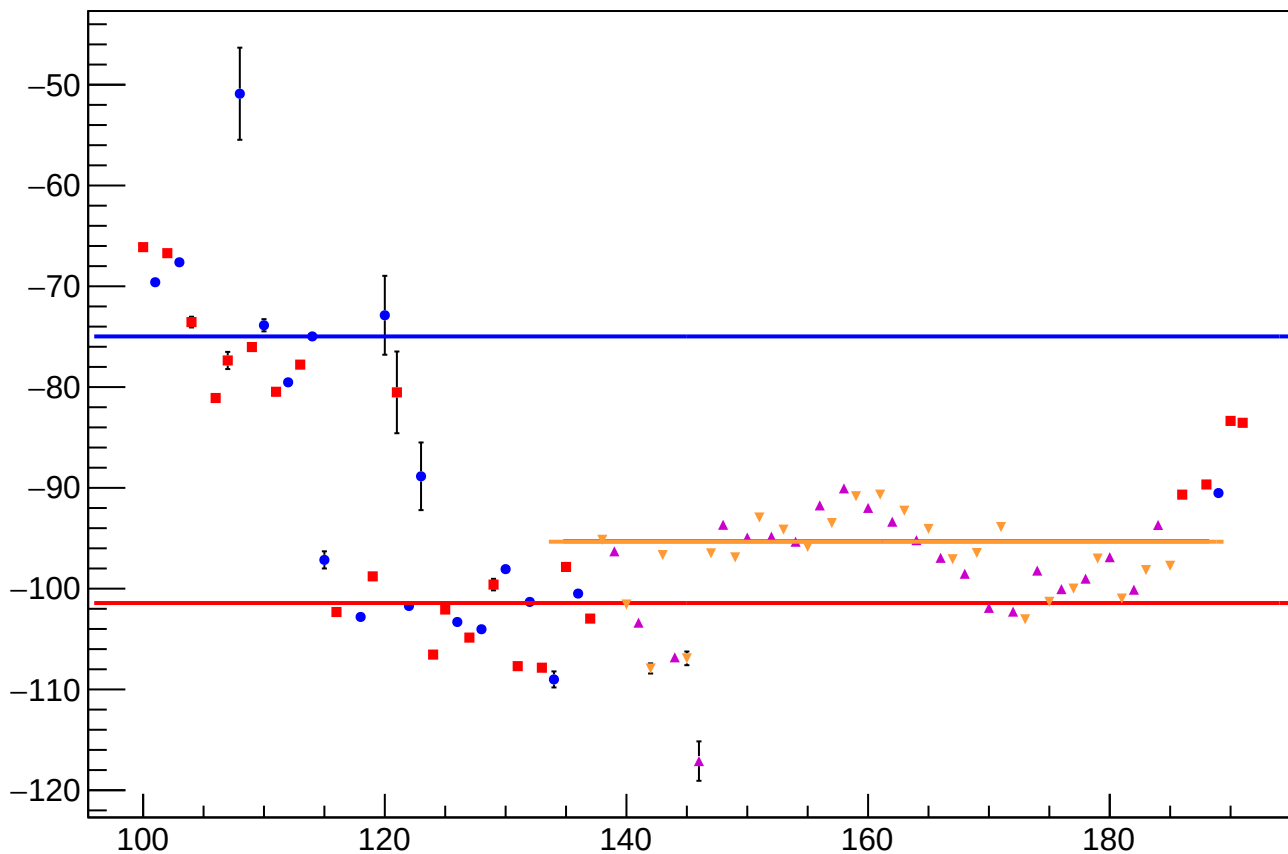
Left In: 61.383 $\pm$ 0.033 χ^2 /NDF: 8900.0/22

+ sign 57.510 $\pm$ 0.000 χ^2 /NDF: 27890.2/42

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 548703.5/88

- sign 65.749 $\pm$ 0.012 χ^2 /NDF: 46478.0/45

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 142230.4/17$

Left Out: -95.342 ± 0.039 $\chi^2/\text{NDF}: 9387.4/24$

Right Out: -101.426 ± 0.017 $\chi^2/\text{NDF}: 94860.6/22$

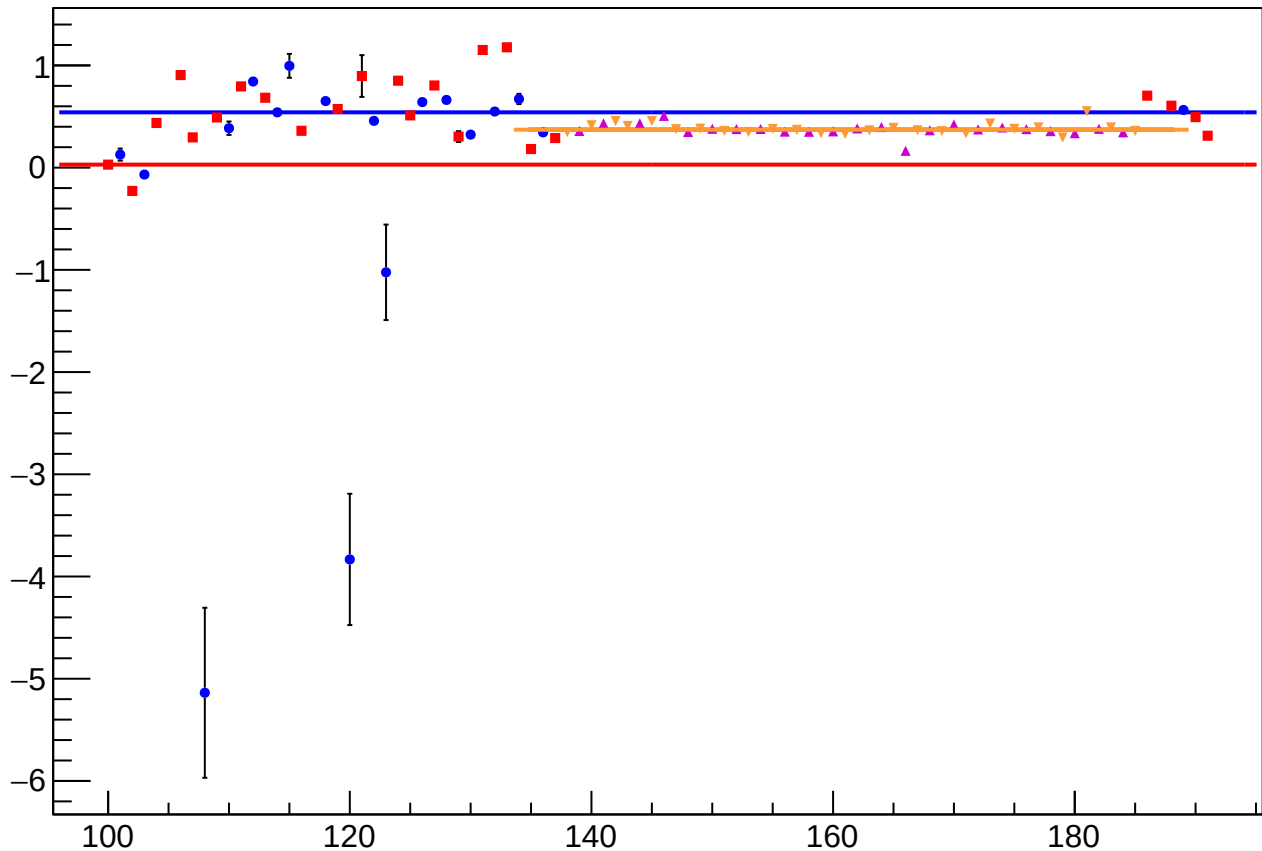
Left In: -95.301 ± 0.033 $\chi^2/\text{NDF}: 11271.5/22$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 428579.1/42$

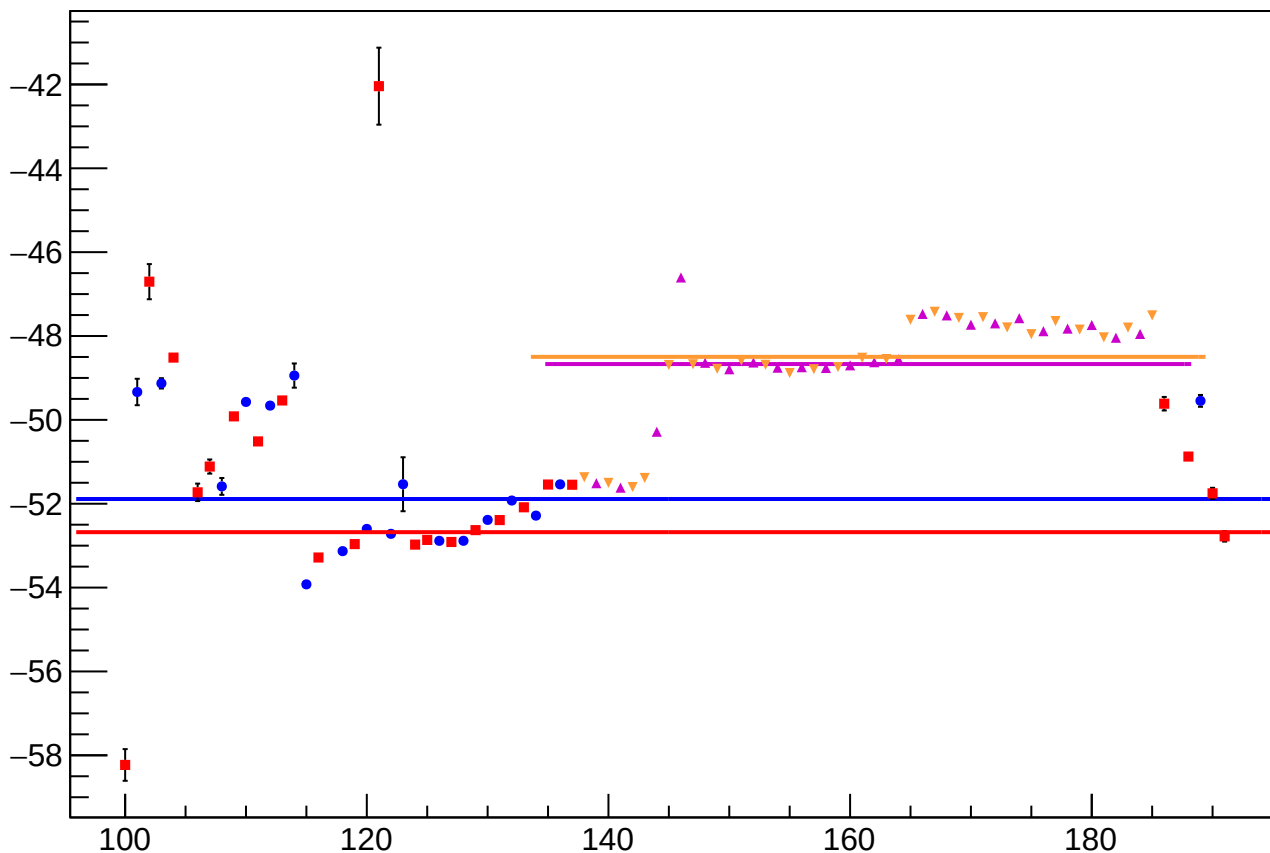
All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 3289851.3/88$

- sign -100.136 ± 0.015 $\chi^2/\text{NDF}: 133000.1/45$

dit_sam8_11X12X_slope vs Slug



dit_sam8_4aY_slope vs Slug



Right In: -51.887 $\pm$ 0.002 χ^2 /NDF: 77860.9/17

Left Out: -48.497 $\pm$ 0.001 χ^2 /NDF: 699790.4/24

Right Out: -52.678 $\pm$ 0.003 χ^2 /NDF: 57831.7/22

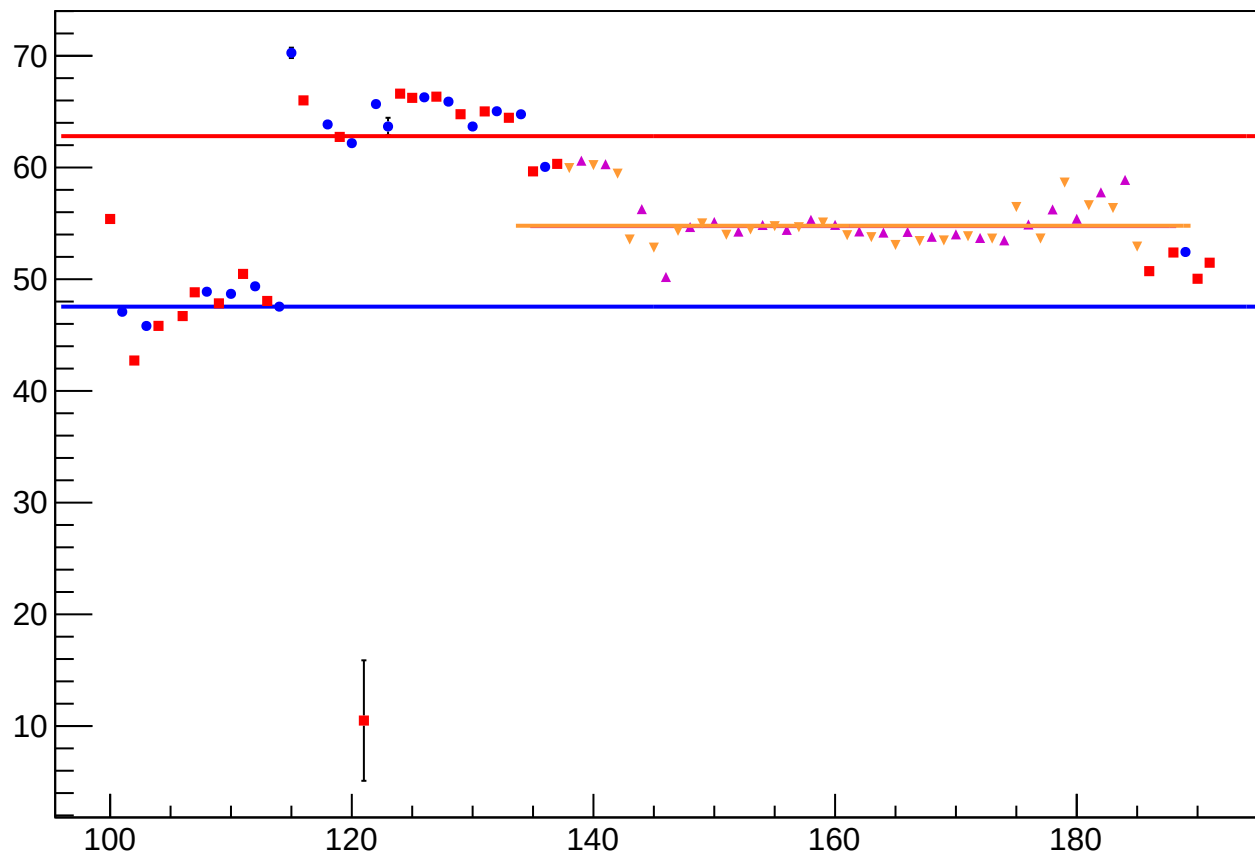
Left In: -48.669 $\pm$ 0.001 χ^2 /NDF: 809321.2/22

+ sign -49.128 $\pm$ 0.001 χ^2 /NDF: 2662587.8/42

All: -49.136 $\pm$ 0.001 χ^2 /NDF: 5701002.7/88

- sign -49.143 $\pm$ 0.001 χ^2 /NDF: 3038278.8/45

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3605032.9/17

Left Out: 54.787 $\pm$ 0.003 χ^2 /NDF:301226.3/24

Right Out: 62.808 $\pm$ 0.007 χ^2 /NDF: 390670.7/22

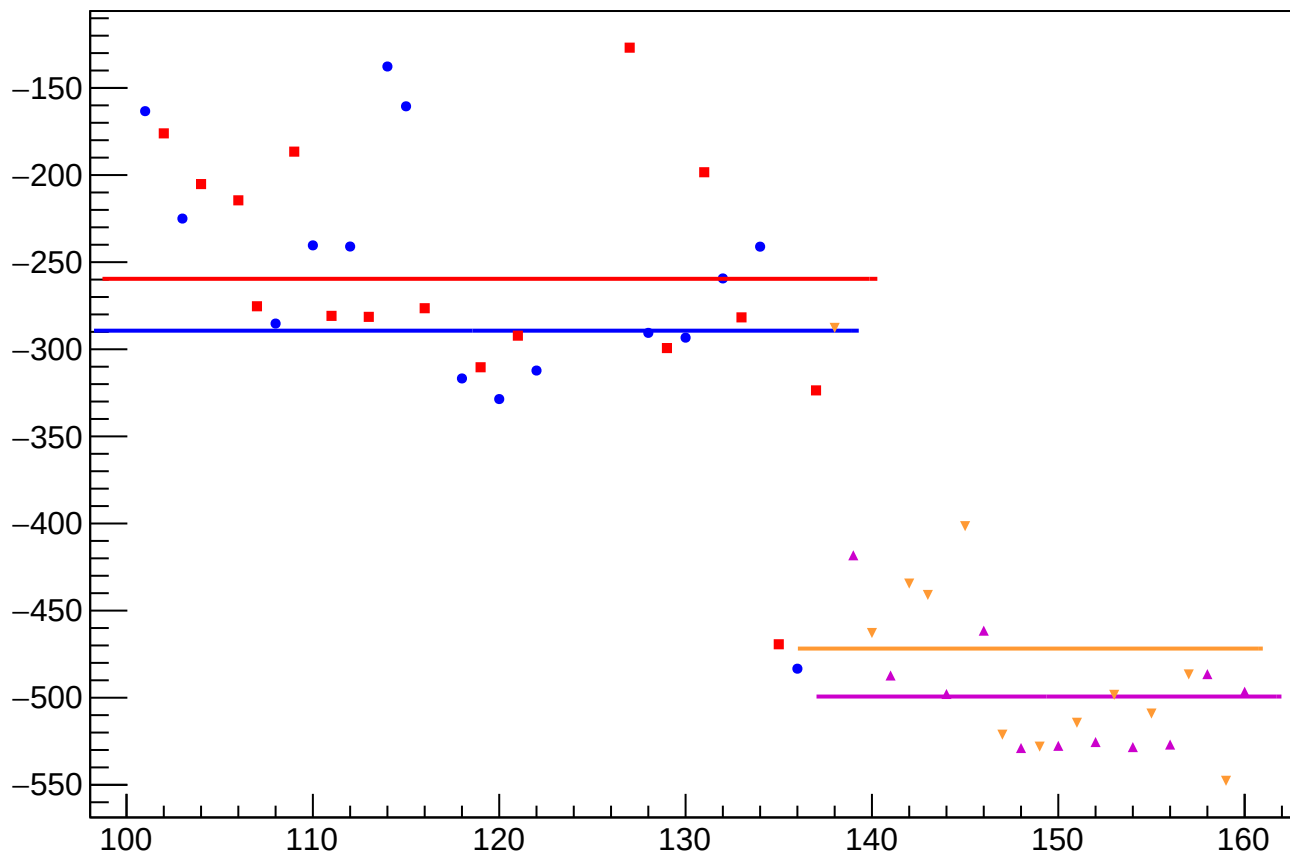
Left In: 54.755 $\pm$ 0.003 χ^2 /NDF:100763.3/22

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 9953883.7/42

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 22382693.2/88

- sign 55.649 $\pm$ 0.002 χ^2 /NDF: 1551204.2/45

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -471.791+/-0.000 χ^2/NDF : 4407577357733372304653153526381281280.0/11

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

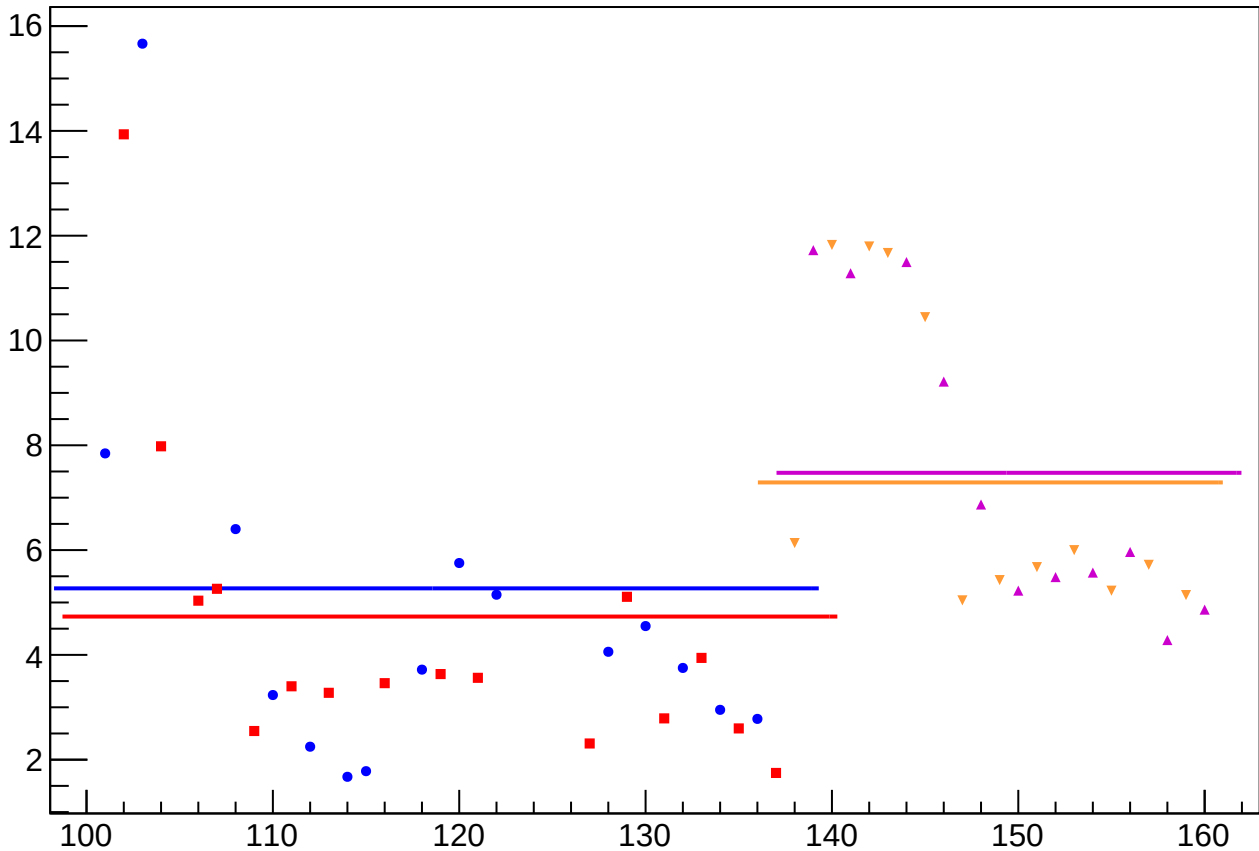
Left In: -499.323+/-0.000 χ^2/NDF : 1018789461606644410107221718465511424.0/10

+ sign -396.025+/-0.000 χ^2/NDF : 22413307403279

All: -397.428+/-0.000 χ^2/NDF : 50007078016

- sign -398.805+/-0.000 χ^2/NDF : 275876765804894

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF : 6718053515172863885836432351166464.0/11

Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

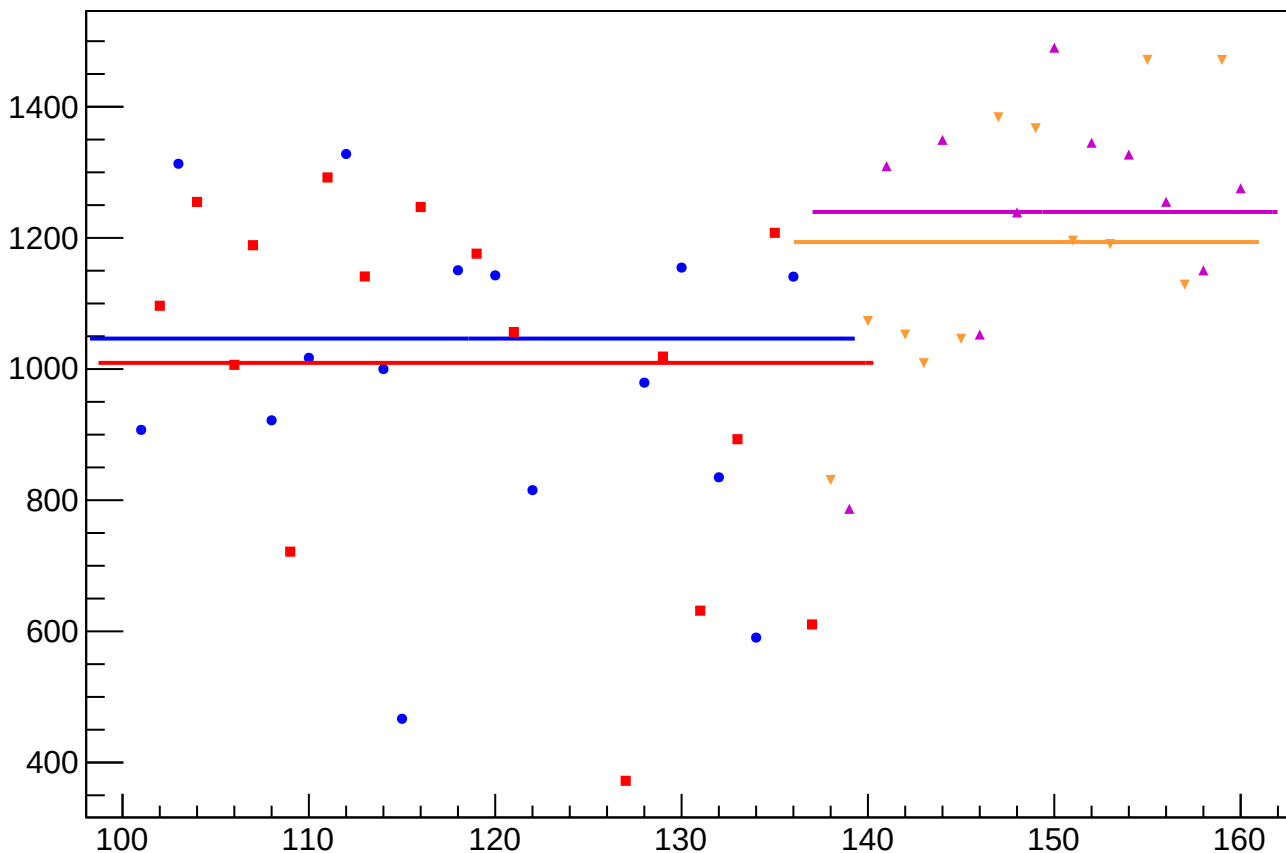
Left In: 7.475+/-0.000 χ^2/NDF : 7057812139399579538870244550377472.0/10

+ sign 6.452+/-0.000 χ^2/NDF : 16978559973735600

All: 6.388+/-0.000 χ^2/NDF : 33820915421032

- sign 6.325+/-0.000 χ^2/NDF : 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

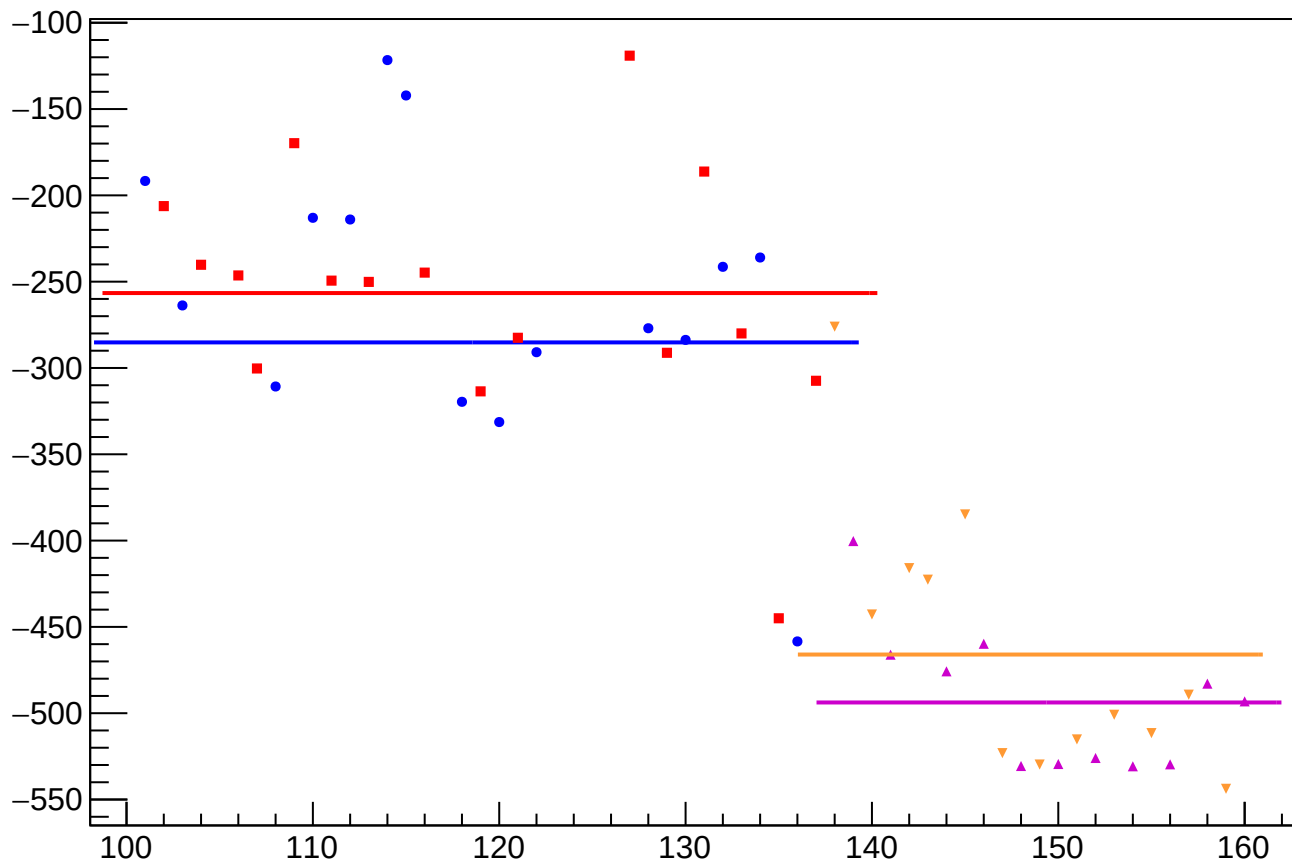
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -466.012+/-0.000 χ^2/NDF : 5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

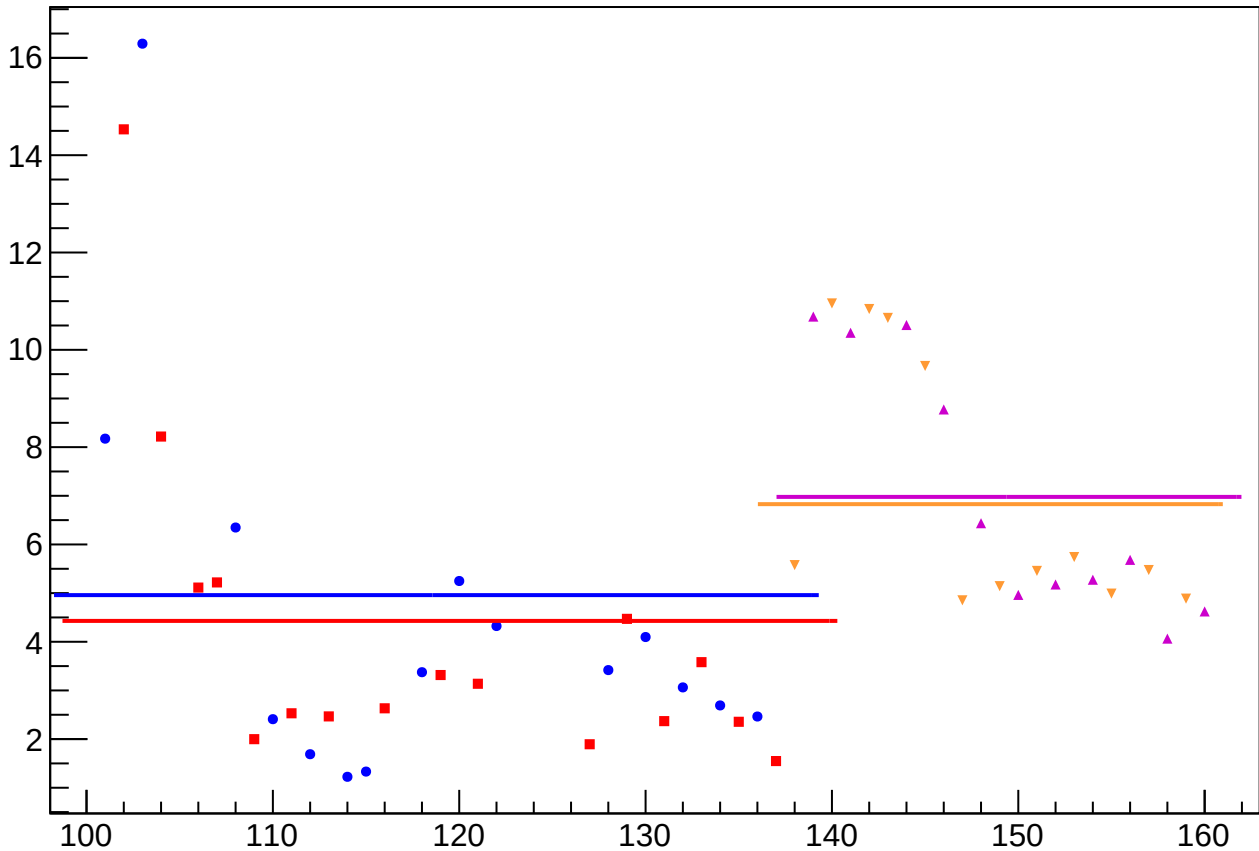
Left In: -493.780+/-0.000 χ^2/NDF : 1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF : 22079891664929

All: -392.652+/-0.000 χ^2/NDF : 48980613059

- sign -394.346+/-0.000 χ^2/NDF : 268915126522349

dit_4eX_coil1_err_mean vs Slug



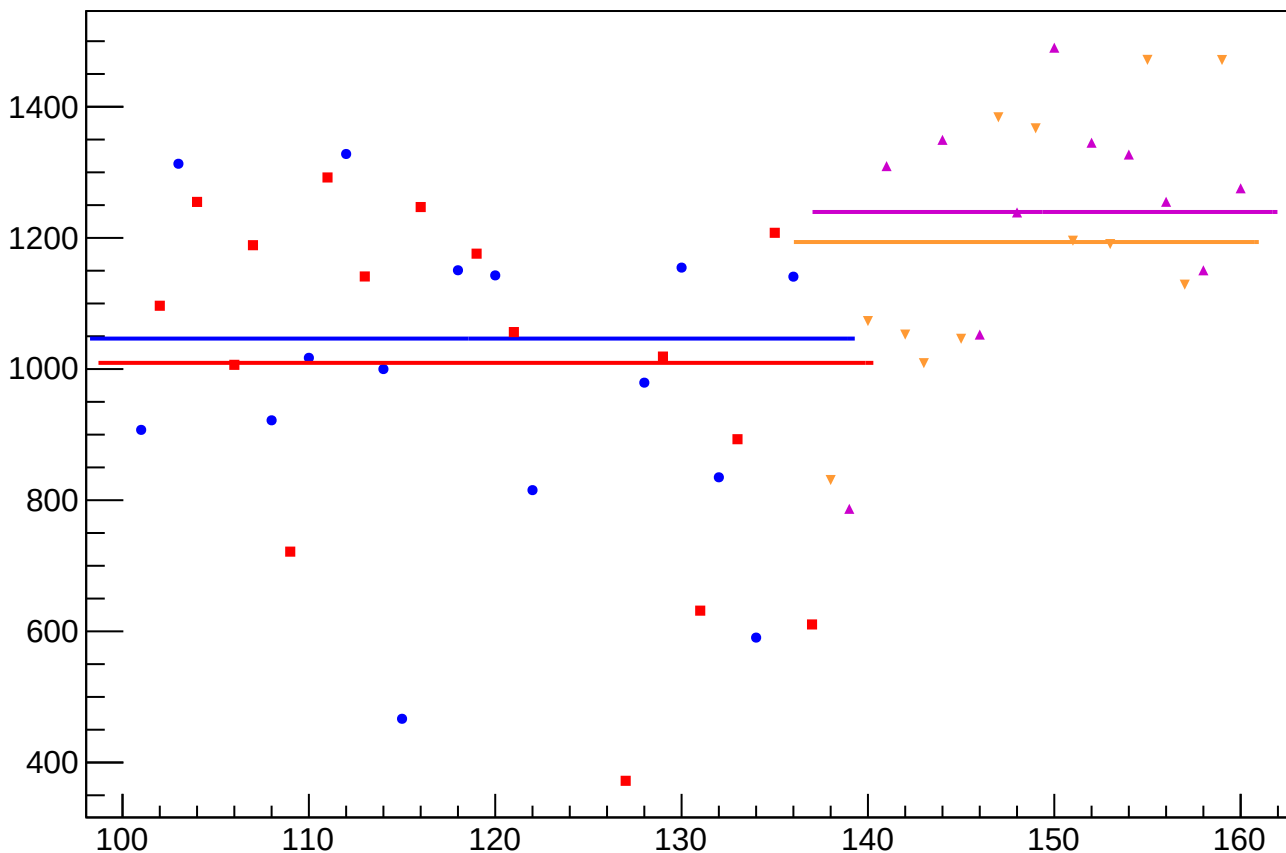
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 6.828+/-0.000 χ^2/NDF : 5374095498583312473439971131260928.0/11

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 6.978+/-0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

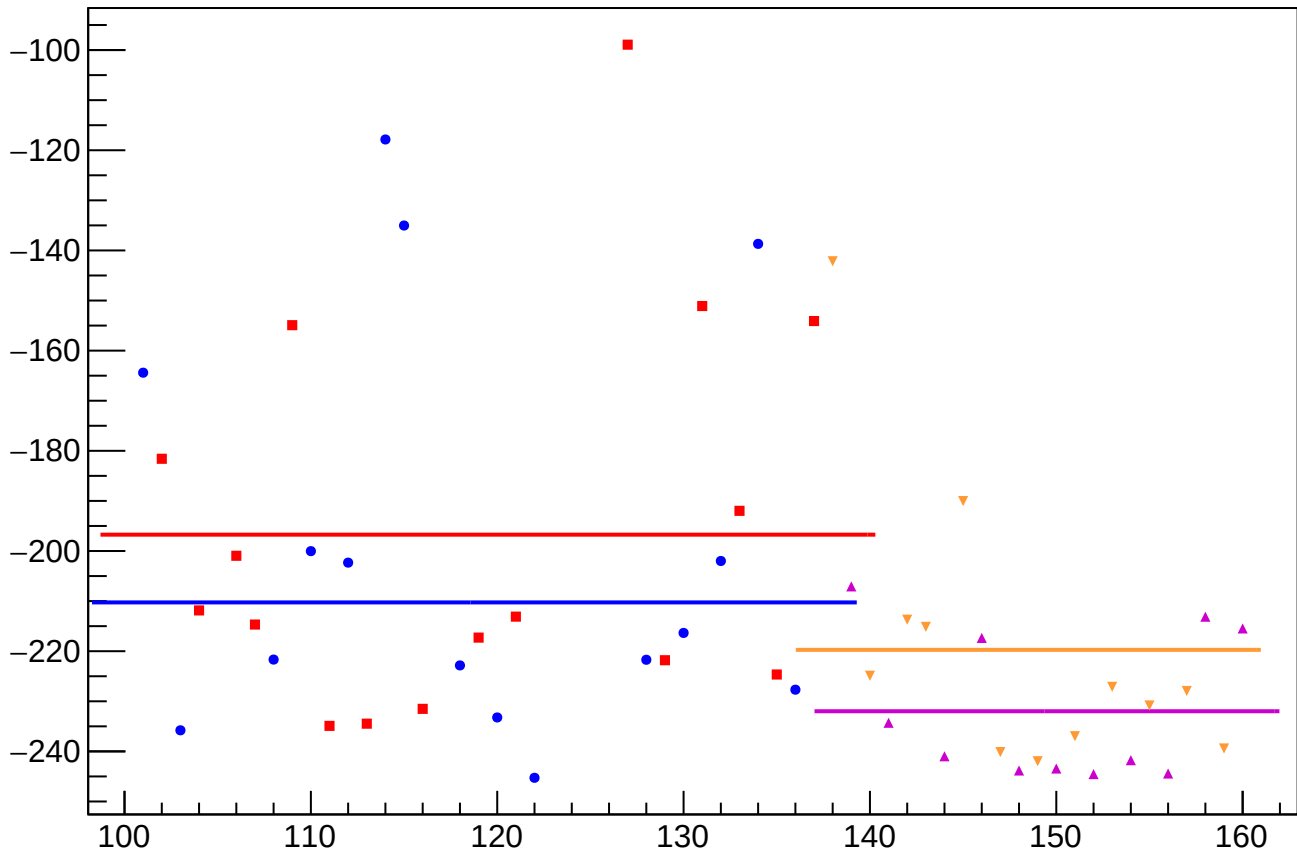
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

dit_11X12X_coil1_mean vs Slug



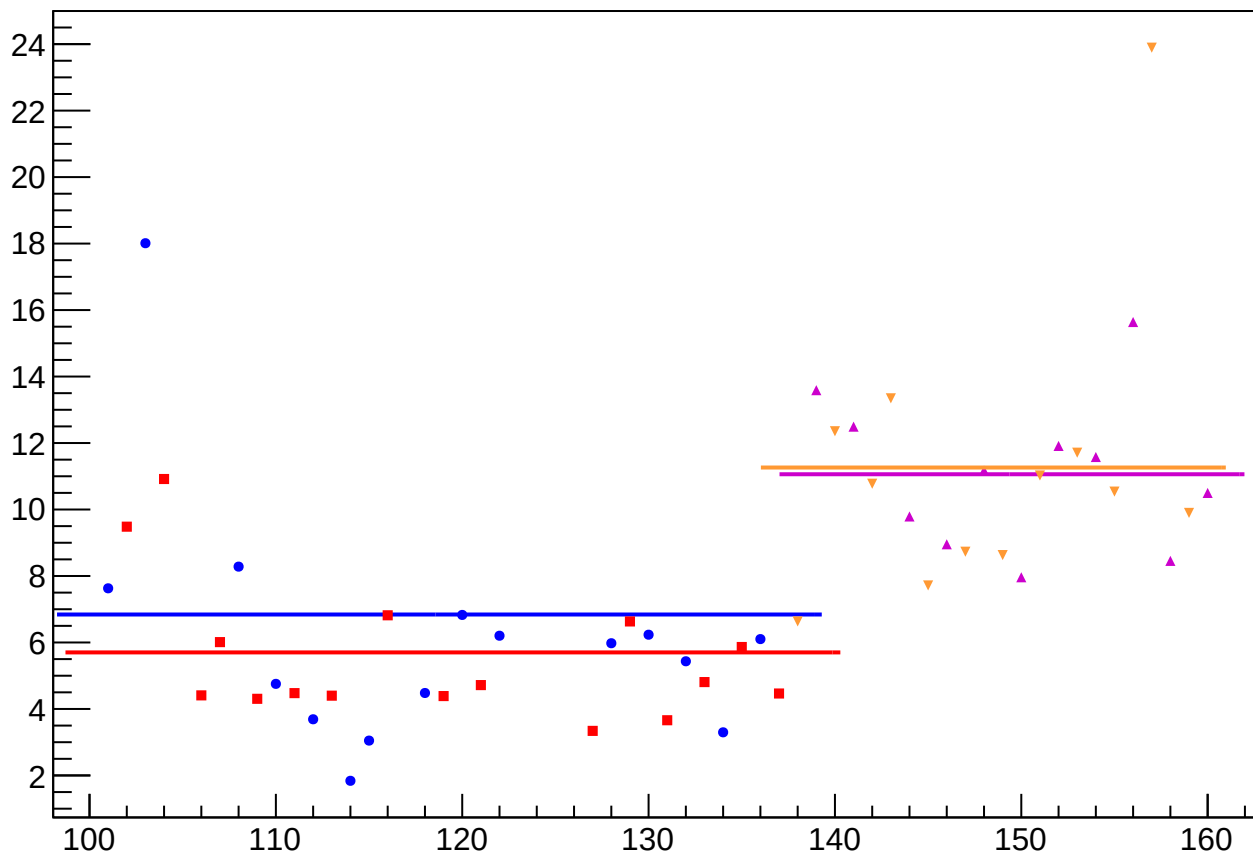
Right In: -210.261 ± 0.000 $\chi^2/\text{NDF}: 567711076568068409192467700494893056.0/14$

Left Out: -219.729 ± 0.000 $\chi^2/\text{NDF}: 691090878567021644145539364306288640.0/11$

Right Out: -196.736 ± 0.000 $\chi^2/\text{NDF}: 909588895093044840633640514790359040.0/15$

Left In: -231.985 ± 0.000 $\chi^2/\text{NDF}: 182992027280401463139065105290887168.0/10$

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000

χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000

χ^2/NDF : 16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000

χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 11.061+/-0.000

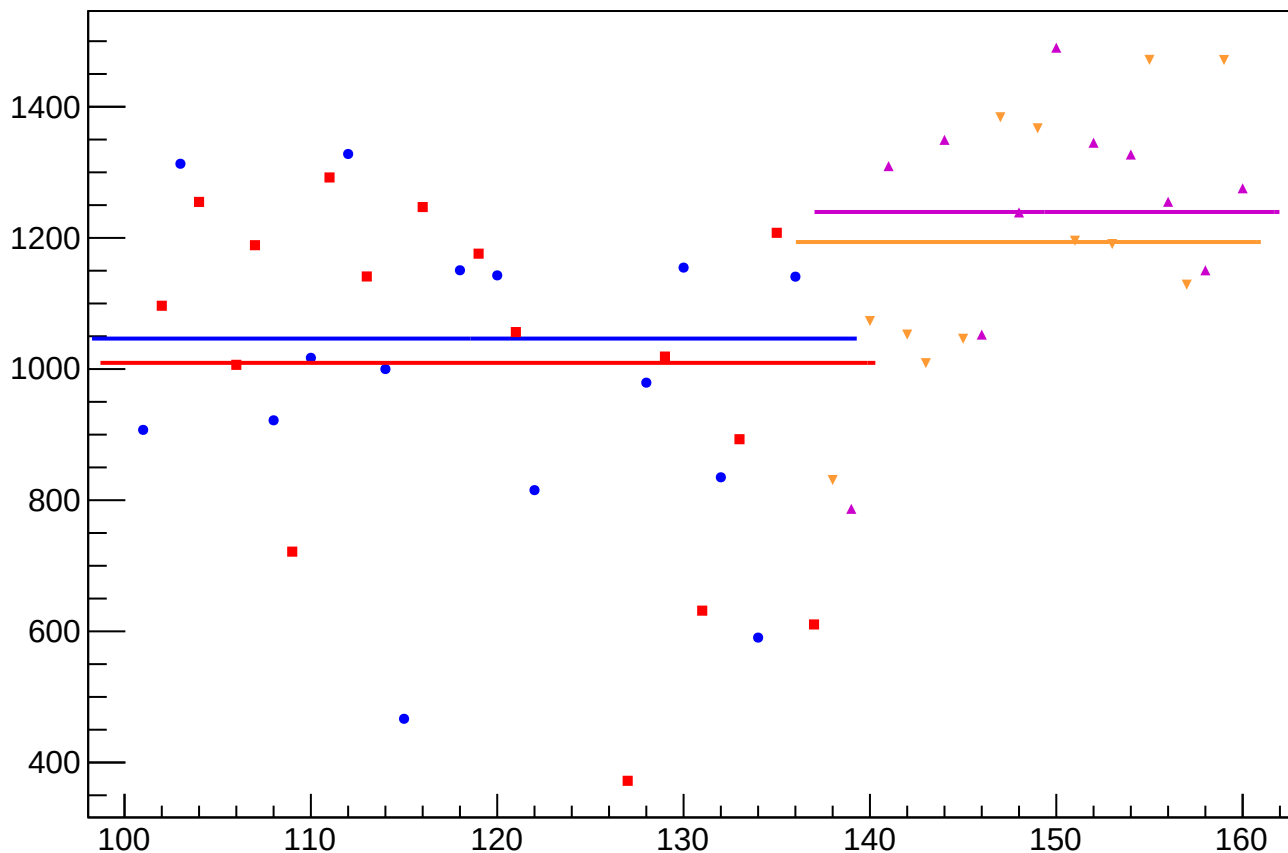
χ^2/NDF : 4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF : 33726426520626408

All: 9.118+/-0.000 χ^2/NDF : 52742989230721

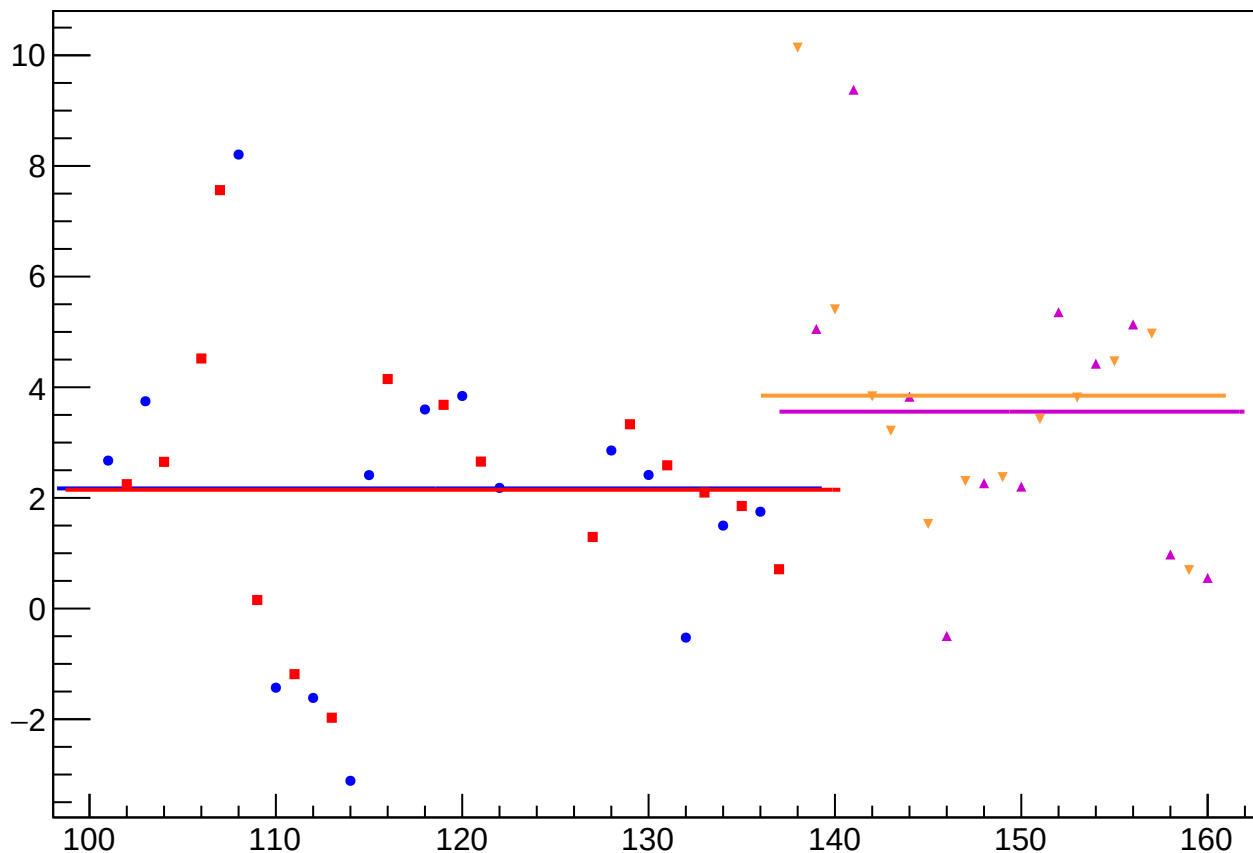
- sign 8.814+/-0.000 χ^2/NDF : 18719955384548476

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

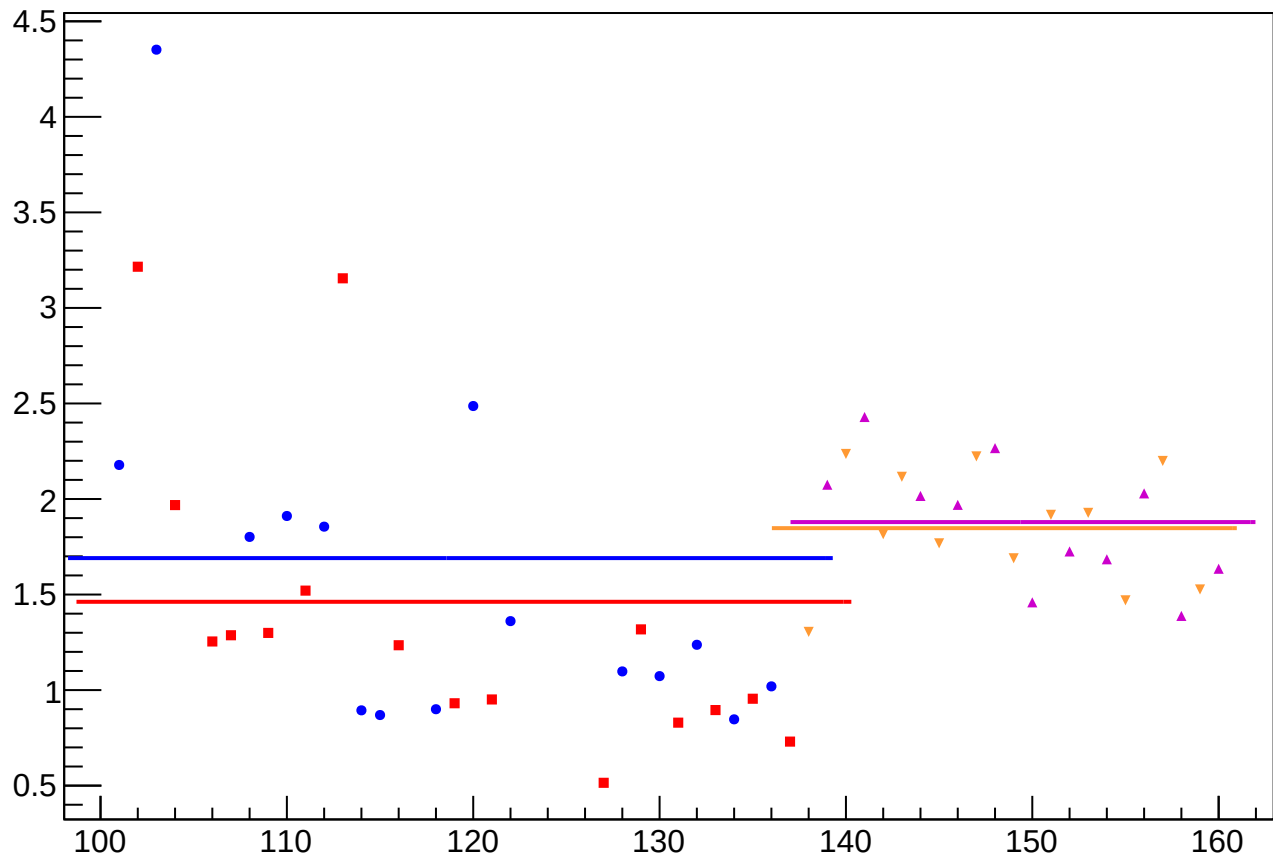
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 3.848+/-0.000	χ^2/NDF : 5039599457588936759406360166137856.0/11
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 3.559+/-0.000	χ^2/NDF : 6492667345109962540652165758713856.0/10

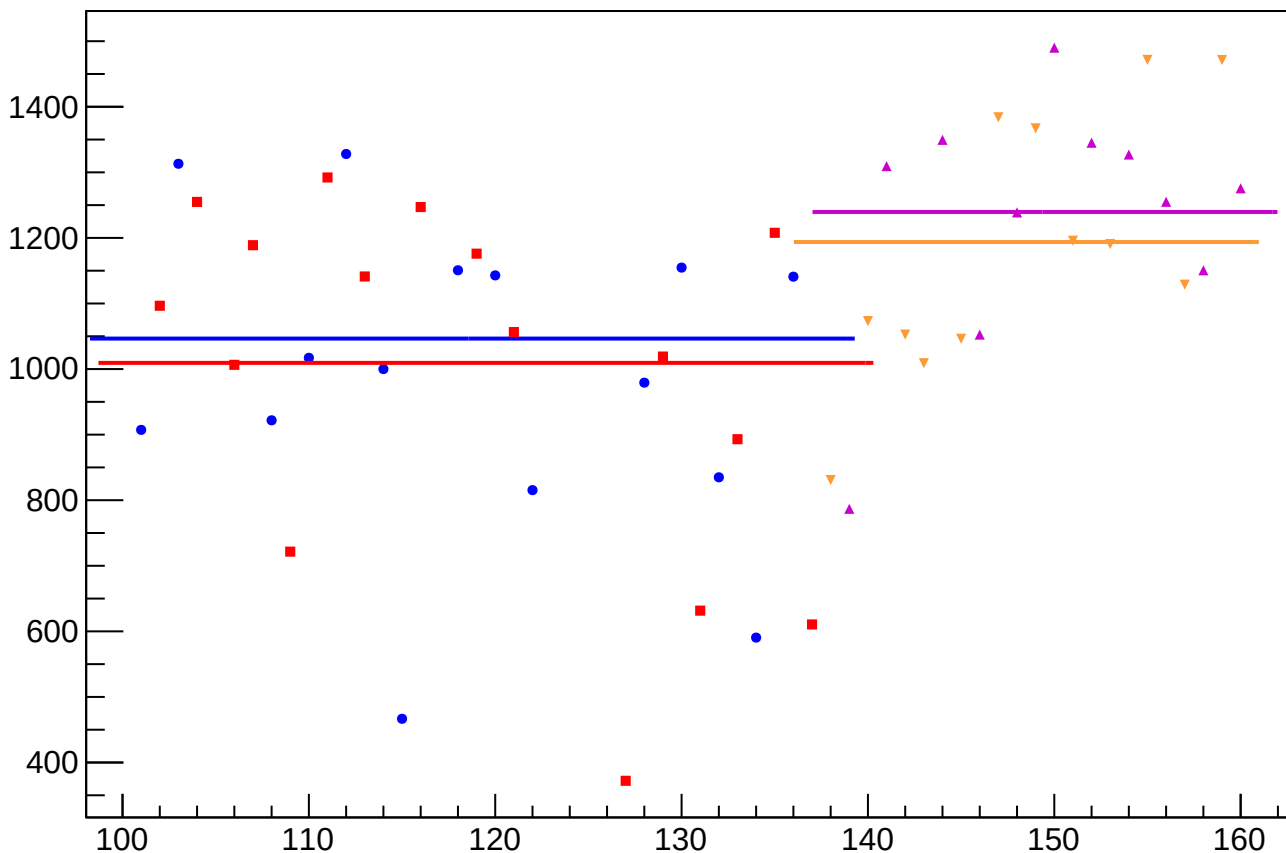
+ sign 3.152+/-0.000 χ^2/NDF : 97067404303844652
 All: 3.059+/-0.000 χ^2/NDF : 20091616900140
 - sign 2.967+/-0.000 χ^2/NDF : 10357923461678180

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 ± 0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.847 ± 0.000 χ^2/NDF : 84162850183102511254837045231616.0/11
 Right Out: 1.462 ± 0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: 1.879 ± 0.000 χ^2/NDF : 90968052268112309617342982127616.0/10

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

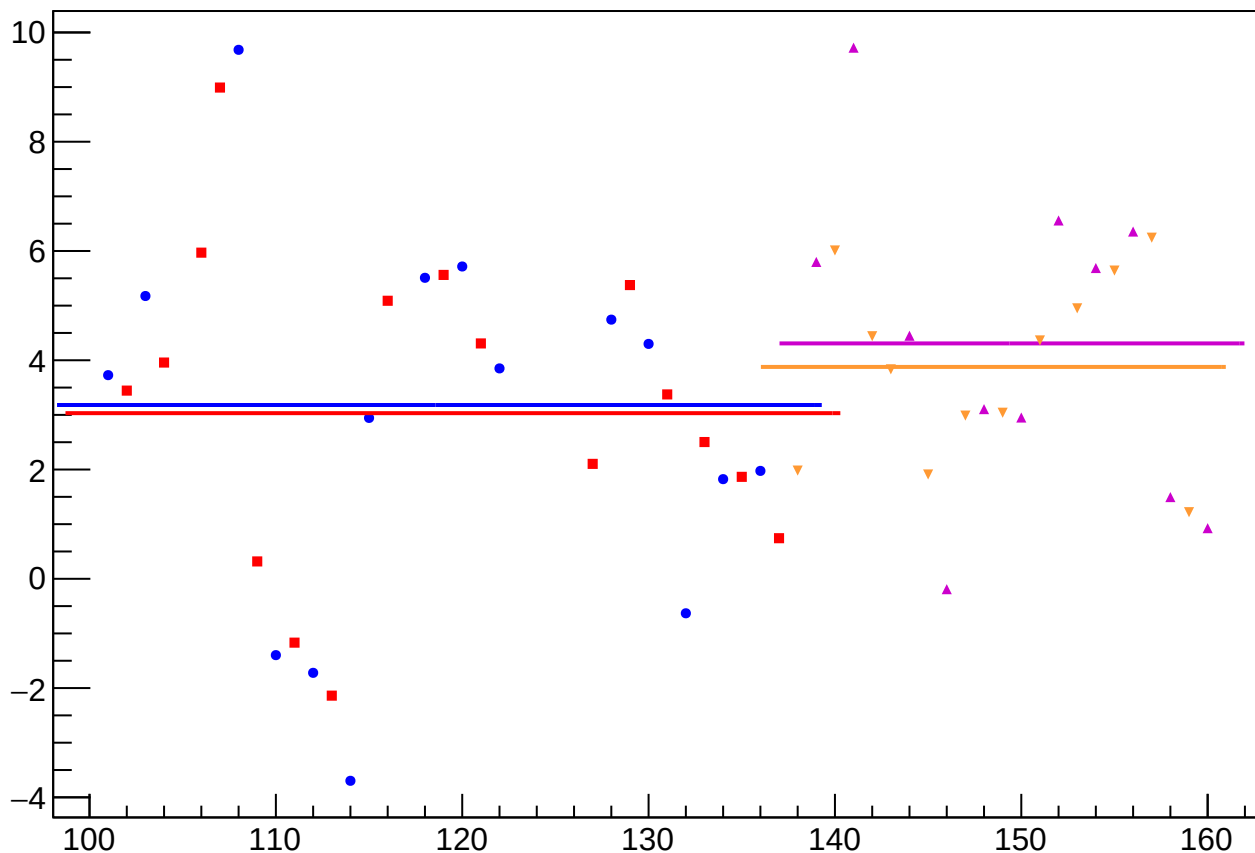
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910.0/40

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000

χ^2/NDF : 5833303227868252617704566394191872.0/14

Left Out: 3.878+/-0.000

χ^2/NDF : 2463584640289158504459219897417728.0/11

Right Out: 3.032+/-0.000

χ^2/NDF : 4937209831371793945496546833334272.0/15

Left In: 4.308+/-0.000

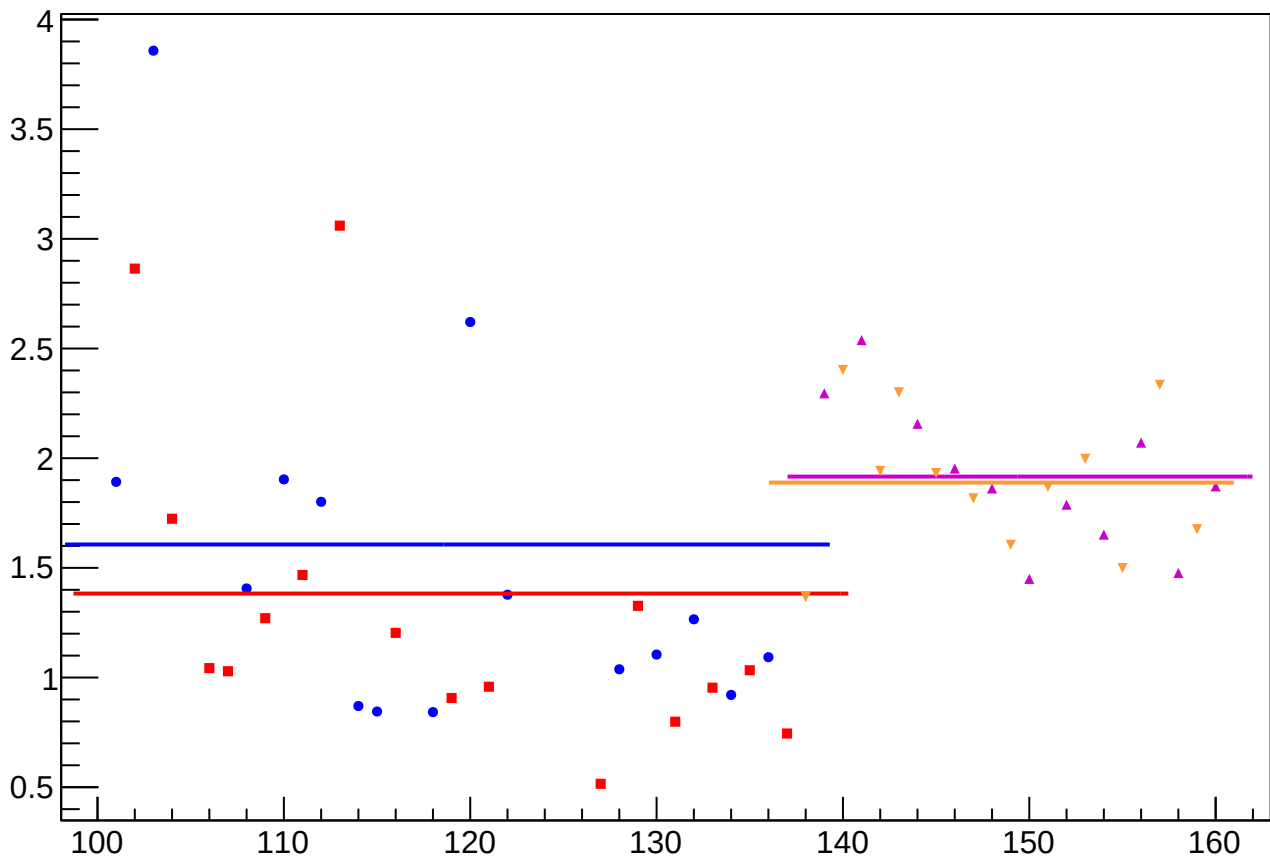
χ^2/NDF : 7073495667694280351803168107003904.0/10

+ sign 3.589+/-0.000 χ^2/NDF : 84811787194063263

All: 3.682+/-0.000 χ^2/NDF : 21150064748618

- sign 3.773+/-0.000 χ^2/NDF : 12642039557663055

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.889 $\pm$ 0.000 χ^2 /NDF: 94097326064066188177587241484288.0/11

Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

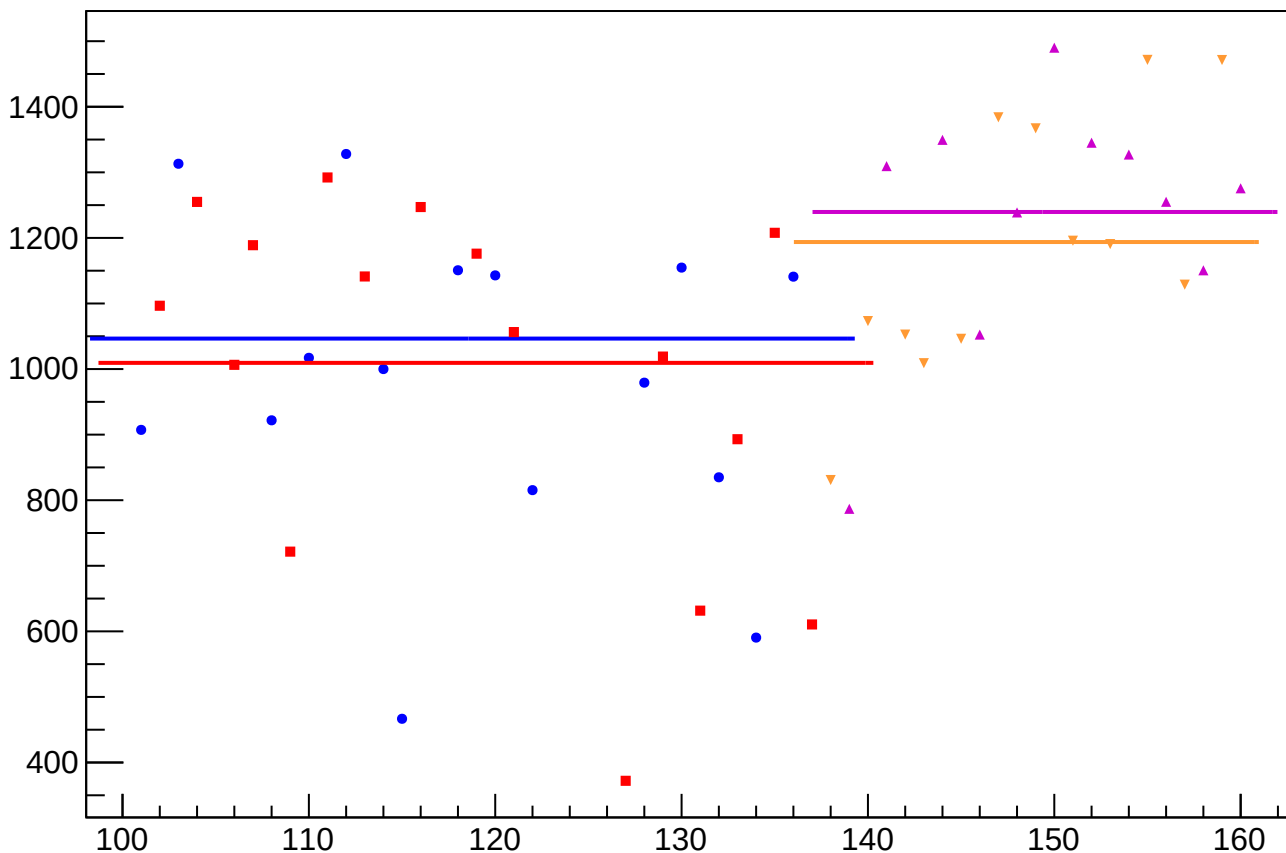
Left In: 1.916 $\pm$ 0.000 χ^2 /NDF: 95276515809016209875699691945984.0/10

+ sign 1.772 $\pm$ 0.000 χ^2 /NDF: 58529175260763022

All: 1.732 $\pm$ 0.000 χ^2 /NDF: 11539749951204

- sign 1.693 $\pm$ 0.000 χ^2 /NDF: 56374596109463105

dit_4eY_coil1_Ndata_mean vs Slug



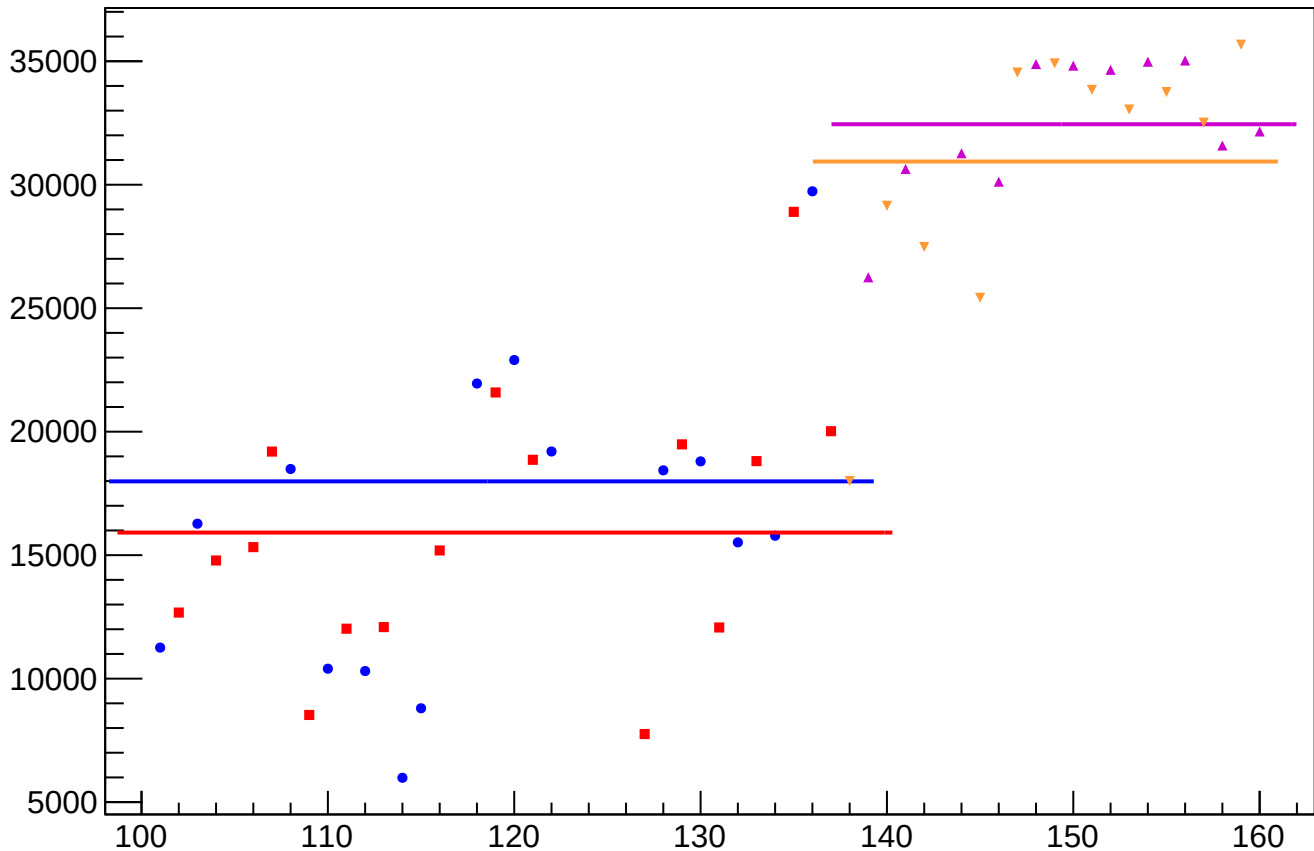
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

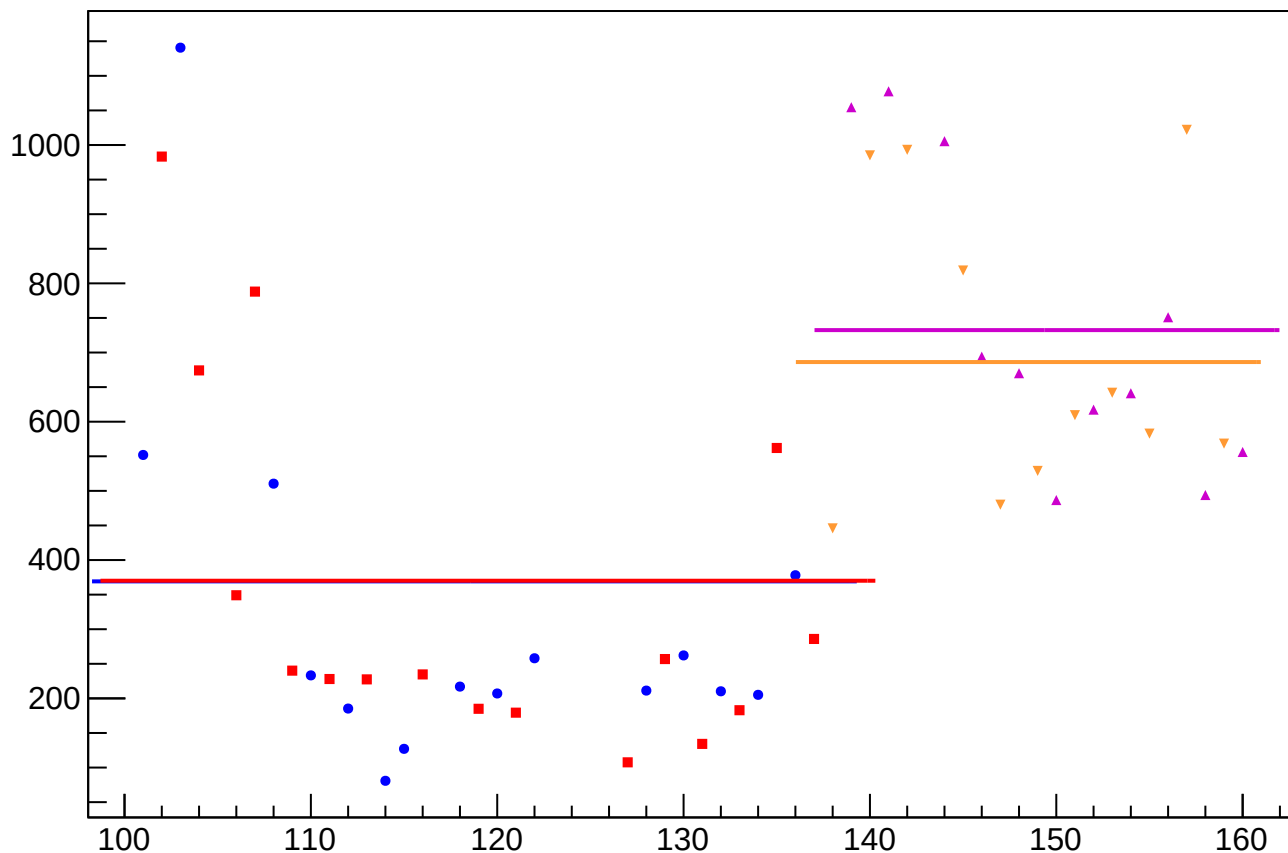
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30938.190+/-0.000	χ^2/NDF : 22231201695257869773275369100022395174912.0/10
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32448.675+/-0.000	χ^2/NDF : 6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF : 1086683983858
 All: 25421.772+/-0.000 χ^2/NDF : 2411086165
 - sign 25517.305+/-0.000 χ^2/NDF : 1324102555101

dit_usl_coil1_err_mean vs Slug



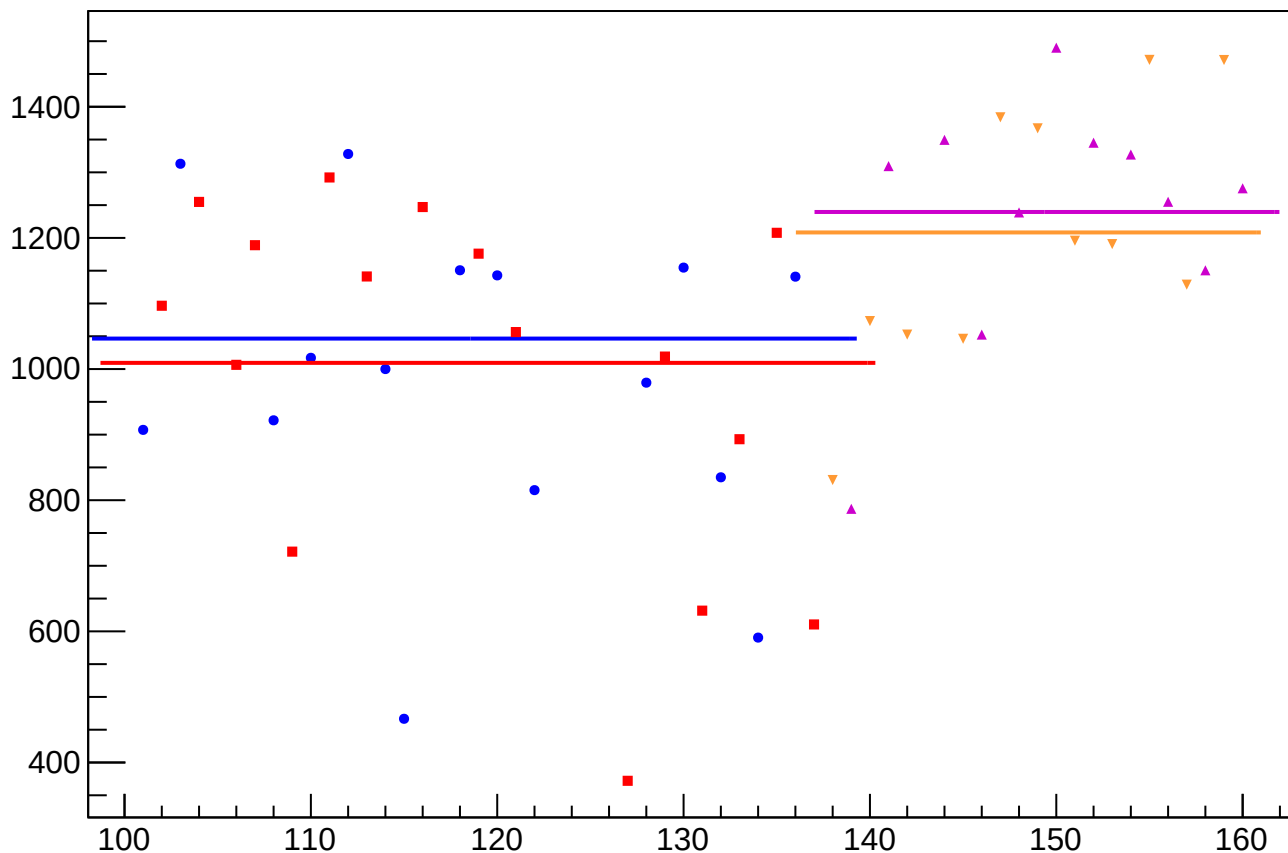
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 686.240+/-0.000 χ^2/NDF : 34417236167842983766159212562513657856.0/10

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: 732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF : 31920270949065456215955115636701528064.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

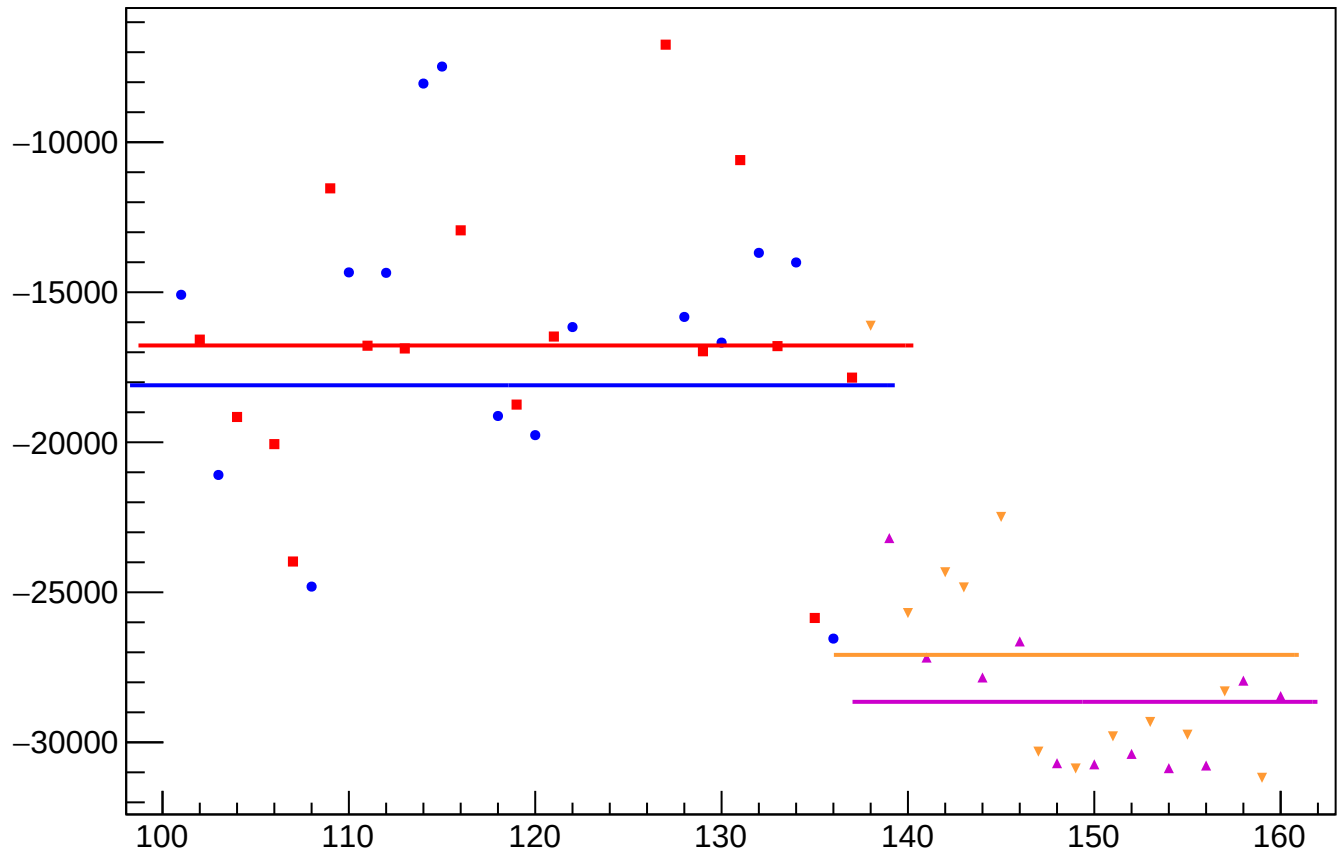
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1140.682+/-0.000 χ^2/NDF : 16066171729

+ sign 1138.127+/-0.000 χ^2/NDF : 66412650690815

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

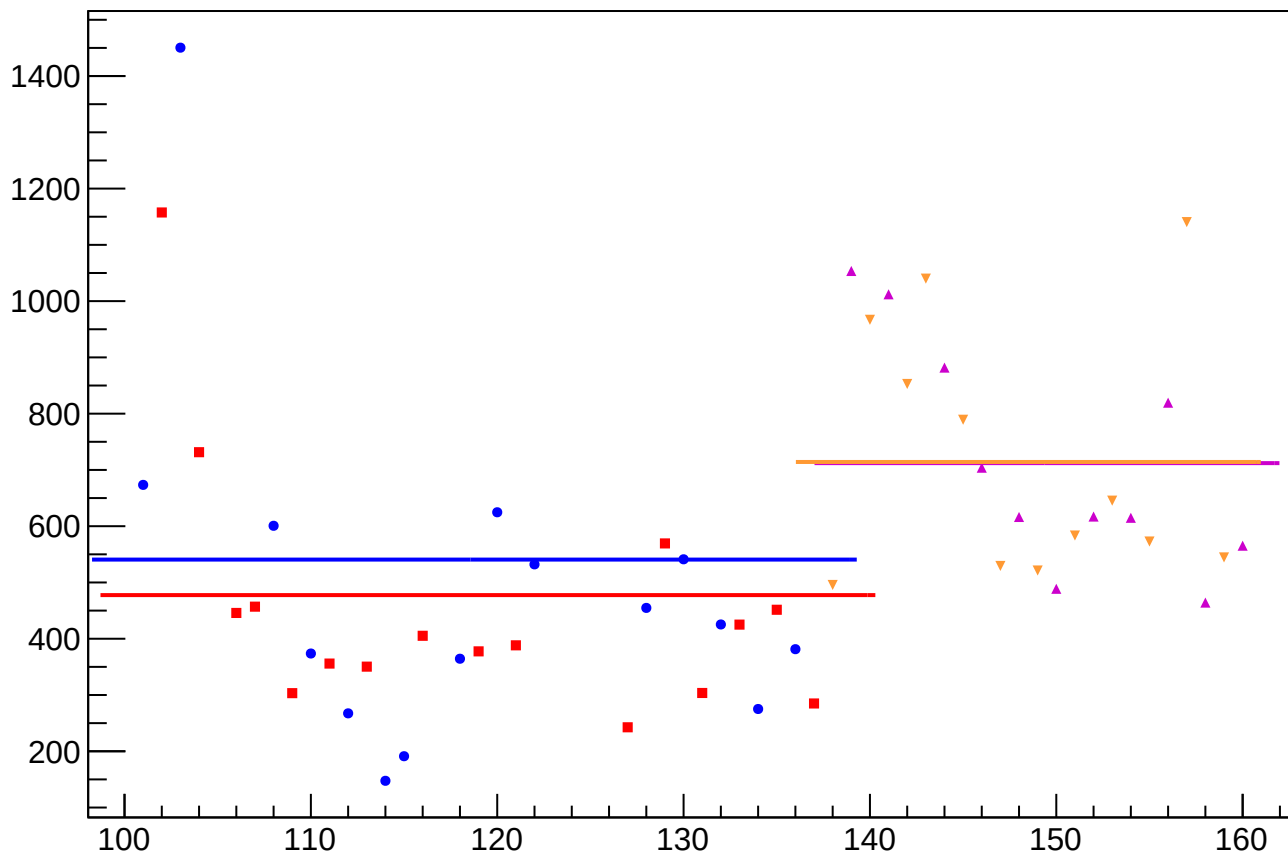
dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -27085.326+/-0.000 χ^2/NDF : 16913671790830002451724713056210492850176.0/11
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28650.410+/-0.000 χ^2/NDF : 4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF : 621850607090
 All: -23514.355+/-0.000 χ^2/NDF : 135979518
 - sign -23671.259+/-0.000 χ^2/NDF : 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 714.147+/-0.000 χ^2/NDF : 43160975478631460248575745928156151808.0/11

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

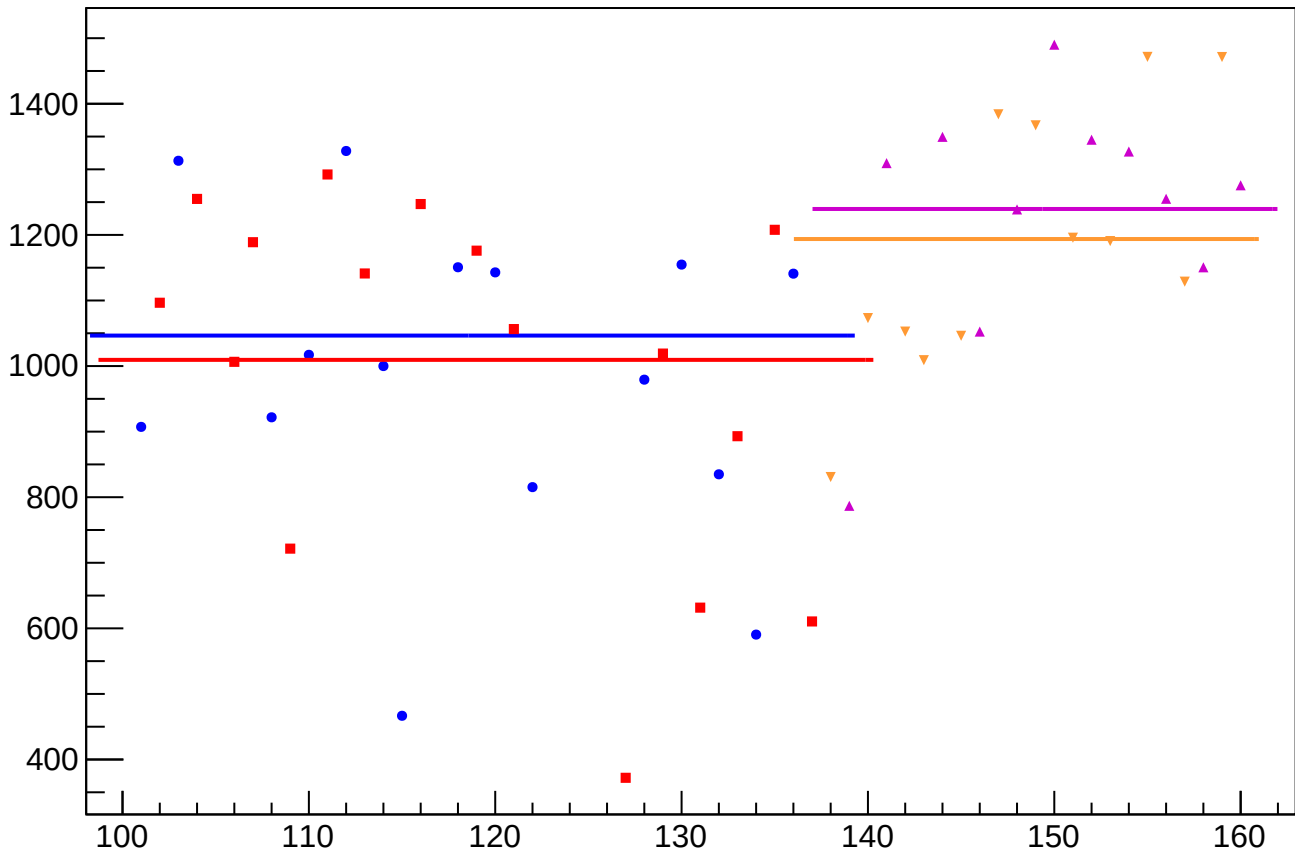
Left In: 712.092+/-0.000 χ^2/NDF : 34092045920503284936427855101460217856.0/10

+ sign 642.112+/-0.000 χ^2/NDF : 119130077802778

All: 627.811+/-0.000 χ^2/NDF : 213964106683

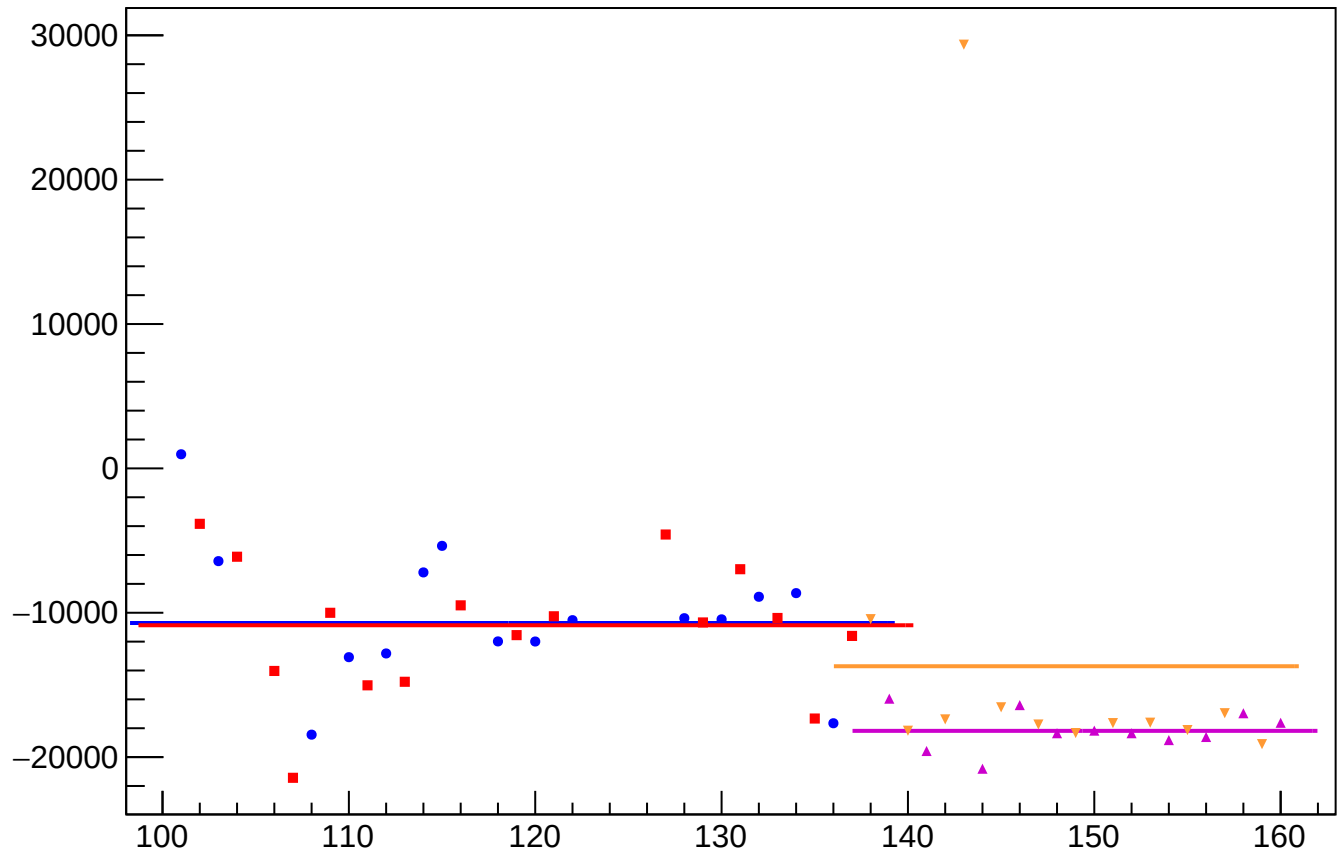
- sign 613.763+/-0.000 χ^2/NDF : 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1132.590+/-0.000	χ^2/NDF : 67482648076441
Left Out: 1193.726+/-0.000	χ^2/NDF : 34388618994267285012310712301196935168.0/11	All: 1137.884+/-0.000	χ^2/NDF : 16179959910
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1143.084+/-0.000	χ^2/NDF : 94230119572030
Left In: 1239.553+/-0.000	χ^2/NDF : 29116180330425505242594030704390045696.0/10		

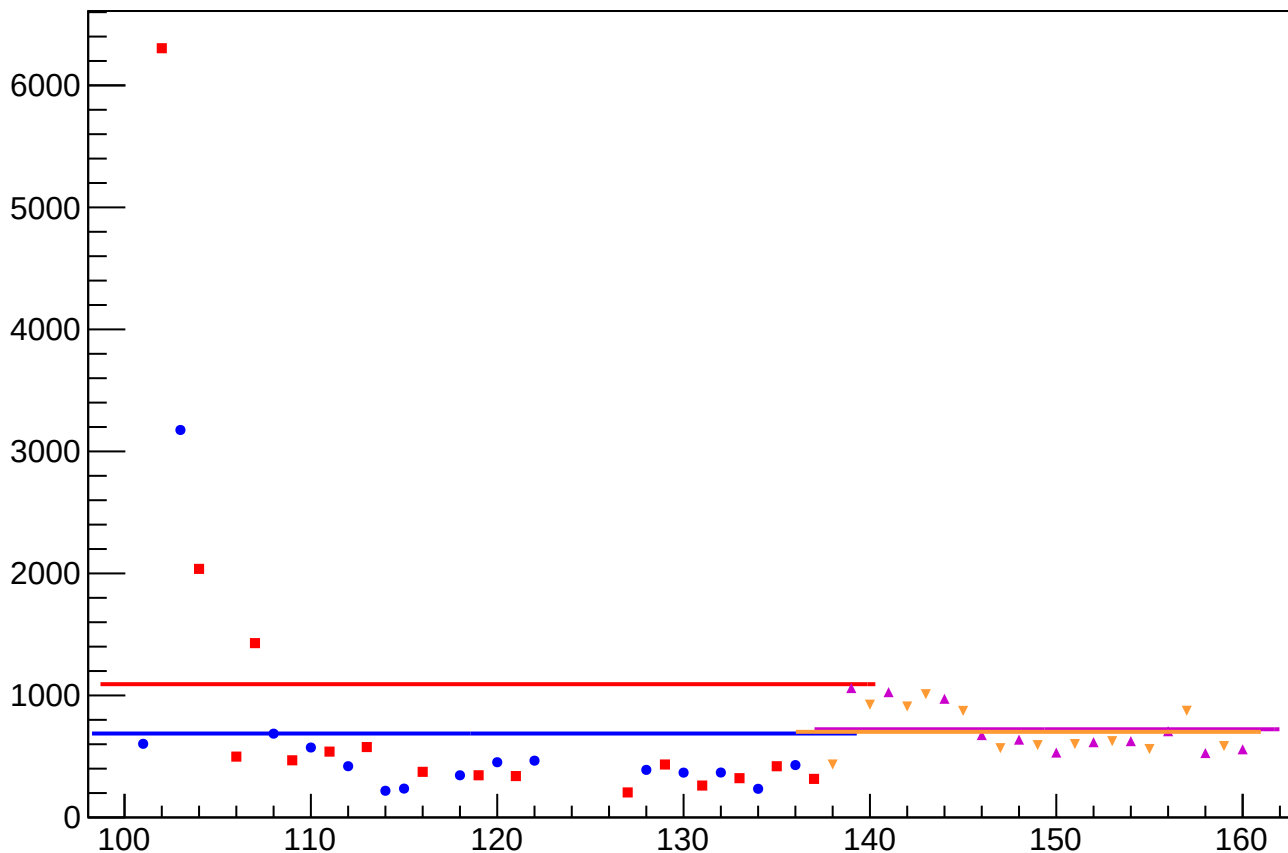
dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000	χ^2/NDF : 16945226152053511840482618402250170564608.0/14
Left Out: -13705.488+/-0.000	χ^2/NDF : 138226511026527050662319693841079709204480.0/11
Right Out: -10866.264+/-0.000	χ^2/NDF : 14234762838858382484525901644131626647552.0/15
Left In: -18181.504+/-0.000	χ^2/NDF : 1643617183572647868818914289162838343680.0/10

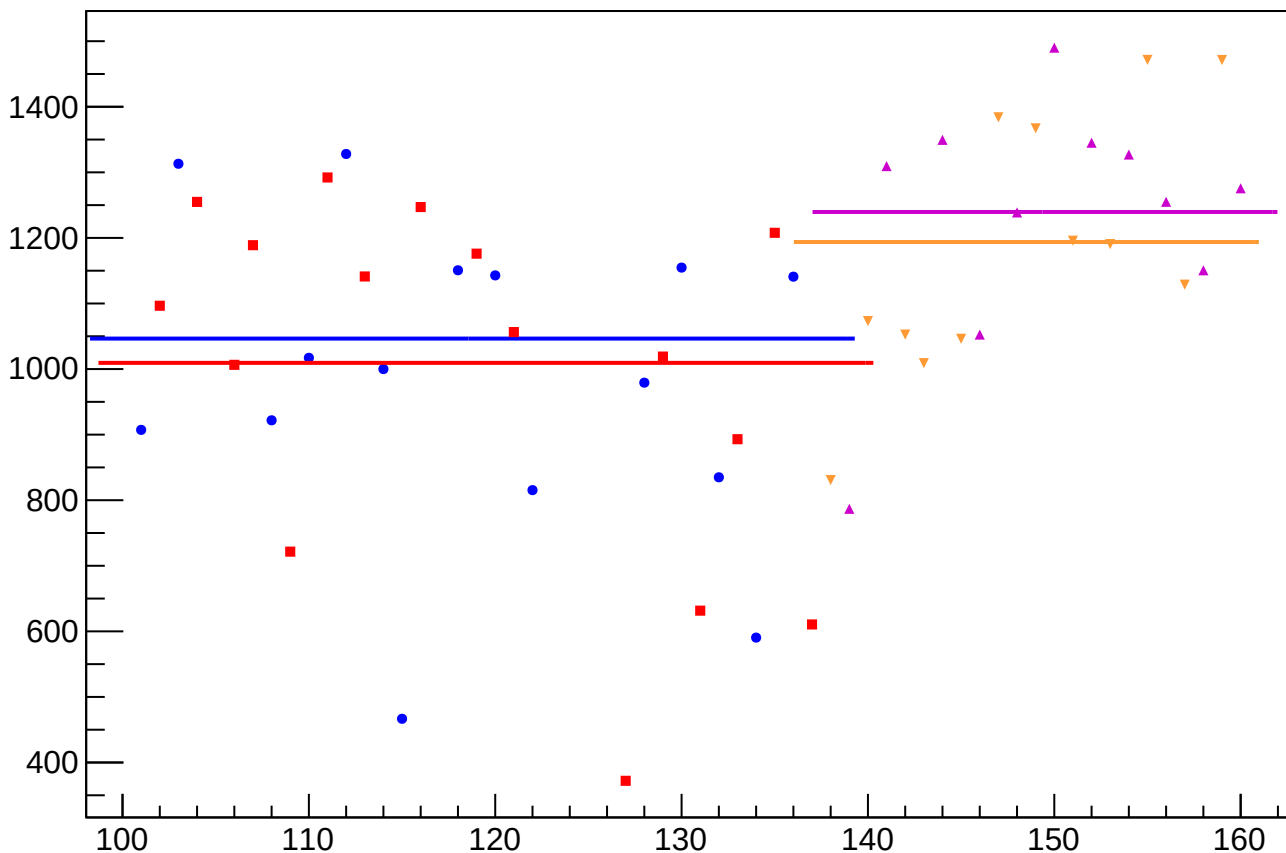
+ sign -12461.801+/-0.000 χ^2/NDF : 158576463536
 All: -13800.033+/-0.000 χ^2/NDF : 200733129
 - sign -15114.713+/-0.000 χ^2/NDF : 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14
 Left Out: 701.825+/-0.000 χ^2/NDF : 29011752452264624264282448573098885120.0/11
 Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15
 Left In: 722.743+/-0.000 χ^2/NDF : 33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

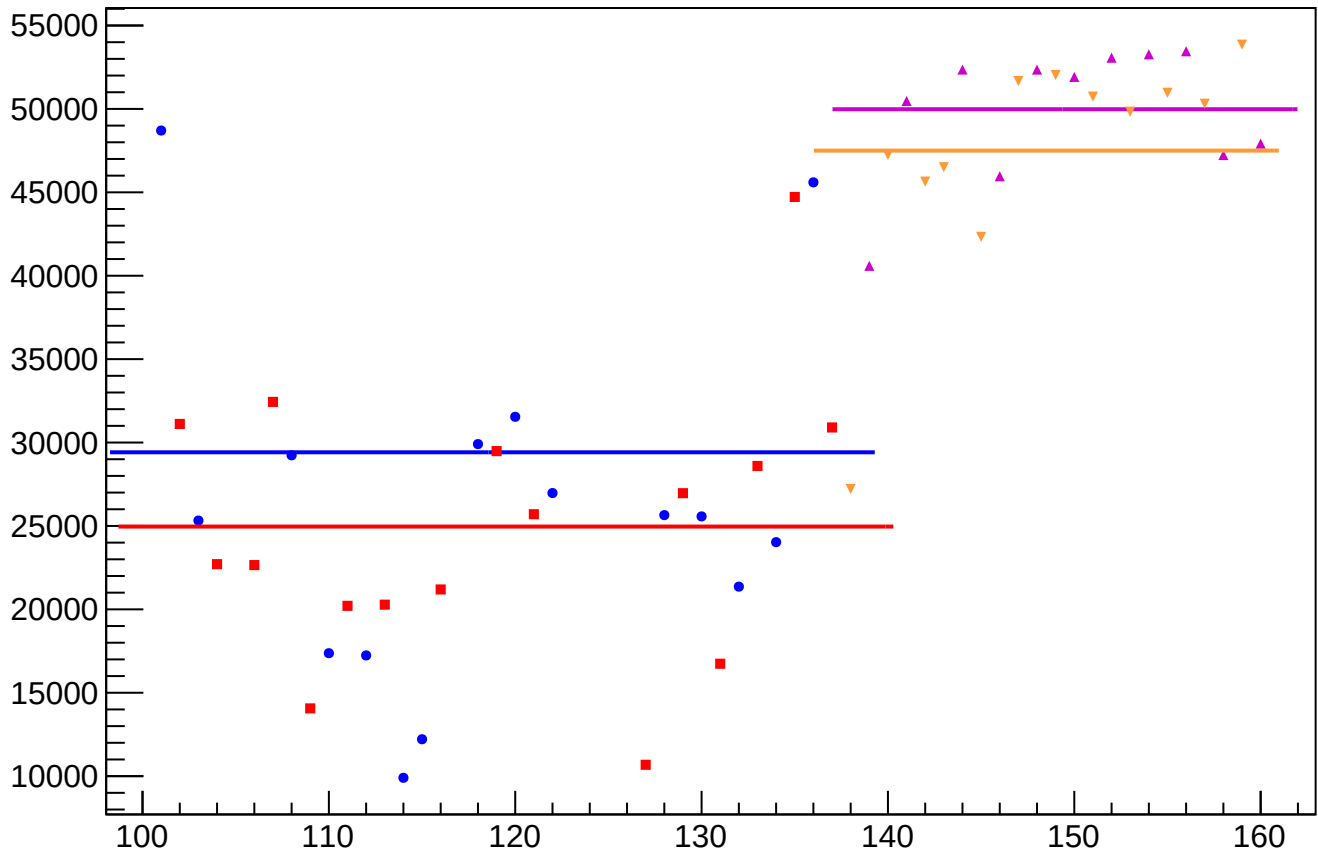
Left Out: 1193.726 ± 0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553 ± 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884 ± 0.000 χ^2/NDF : 16179959910

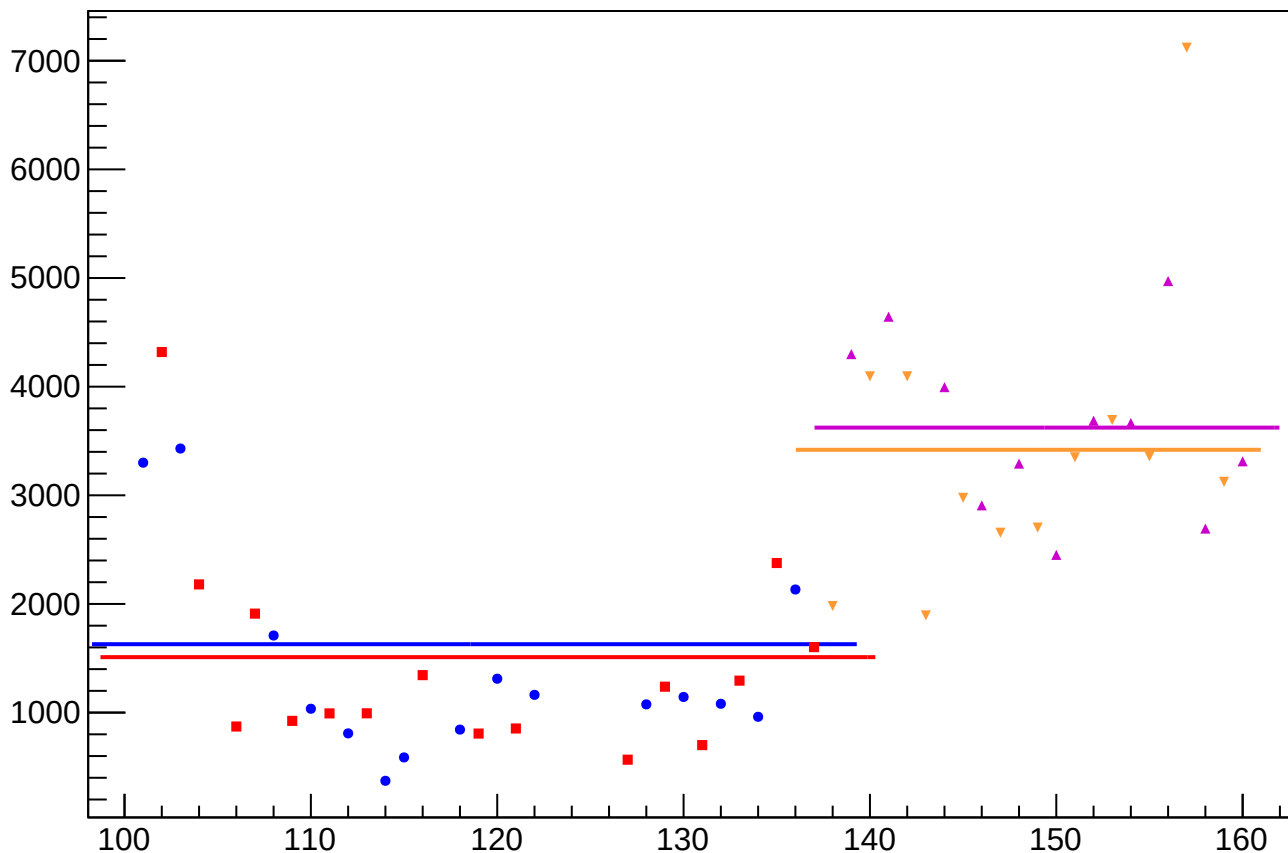
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 47501.916+/-0.000	χ^2/NDF : 43591715334933801645565199836761766756352.0/11
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 49982.063+/-0.000	χ^2/NDF : 13505821019305603846121121344717970210816.0/10

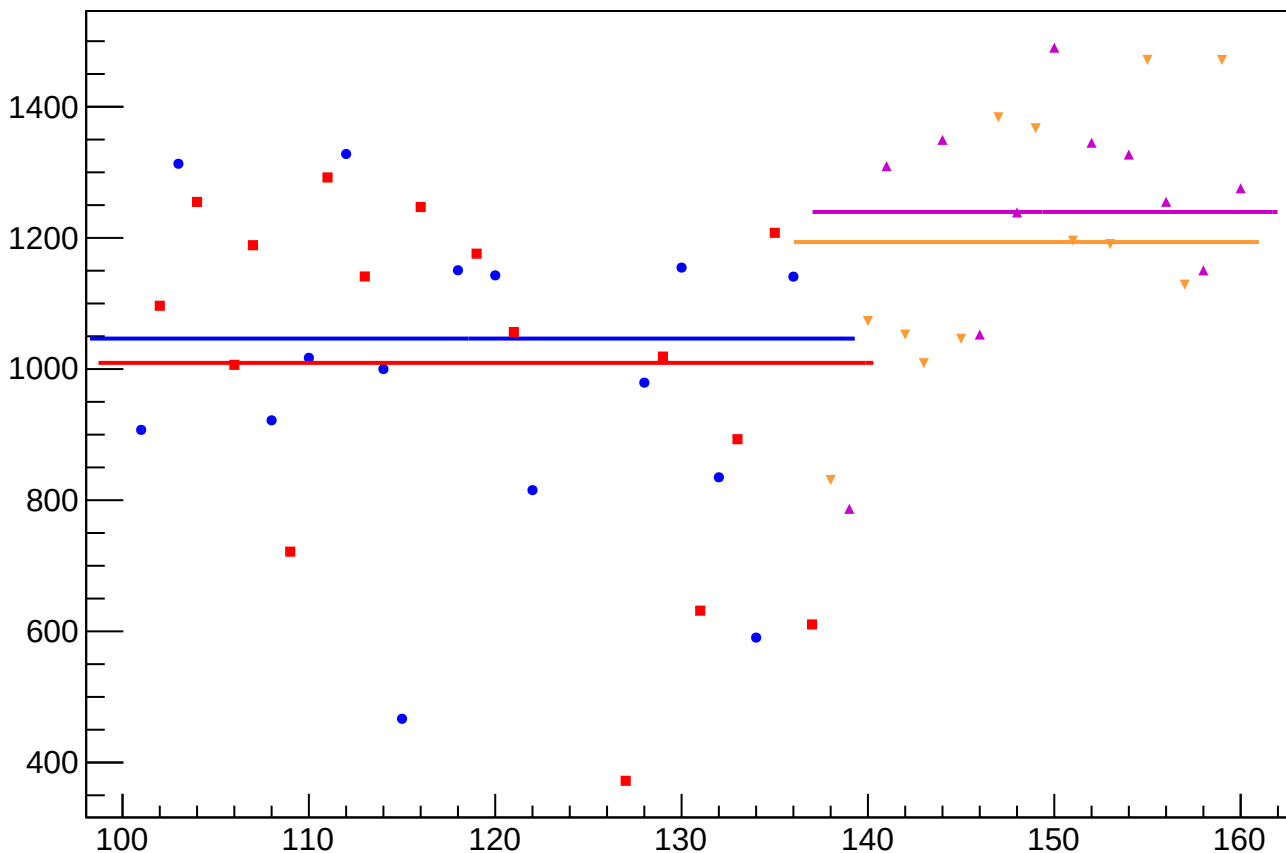
+ sign 39992.082+/-0.000 χ^2/NDF : 2394993878358
 All: 39740.450+/-0.000 χ^2/NDF : 5413093002
 - sign 39493.245+/-0.000 χ^2/NDF : 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2675.926+/-0.000	χ^2/NDF : 33424300848042
Left Out: 3418.927+/-0.000	χ^2/NDF : 1575515144069936231955966928879934767104.0/11	All: 2706.904+/-0.000	χ^2/NDF : 63005491565
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2737.338+/-0.000	χ^2/NDF : 29551454832887
Left In: 3623.095+/-0.000	χ^2/NDF : 537714450371269509719141411292840984576.0/10		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

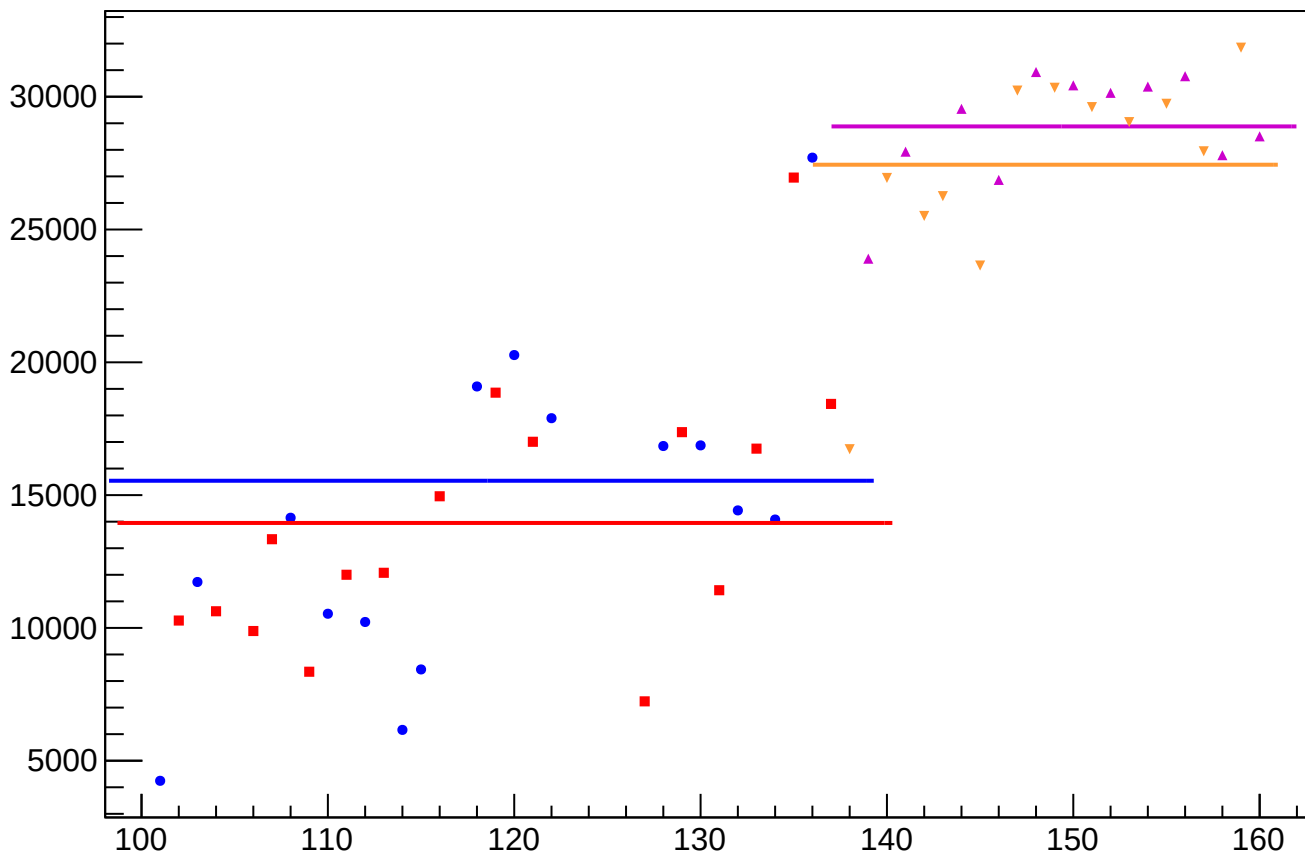
Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: 1137.884+/-0.000 χ^2/NDF : 16179959910.0/40

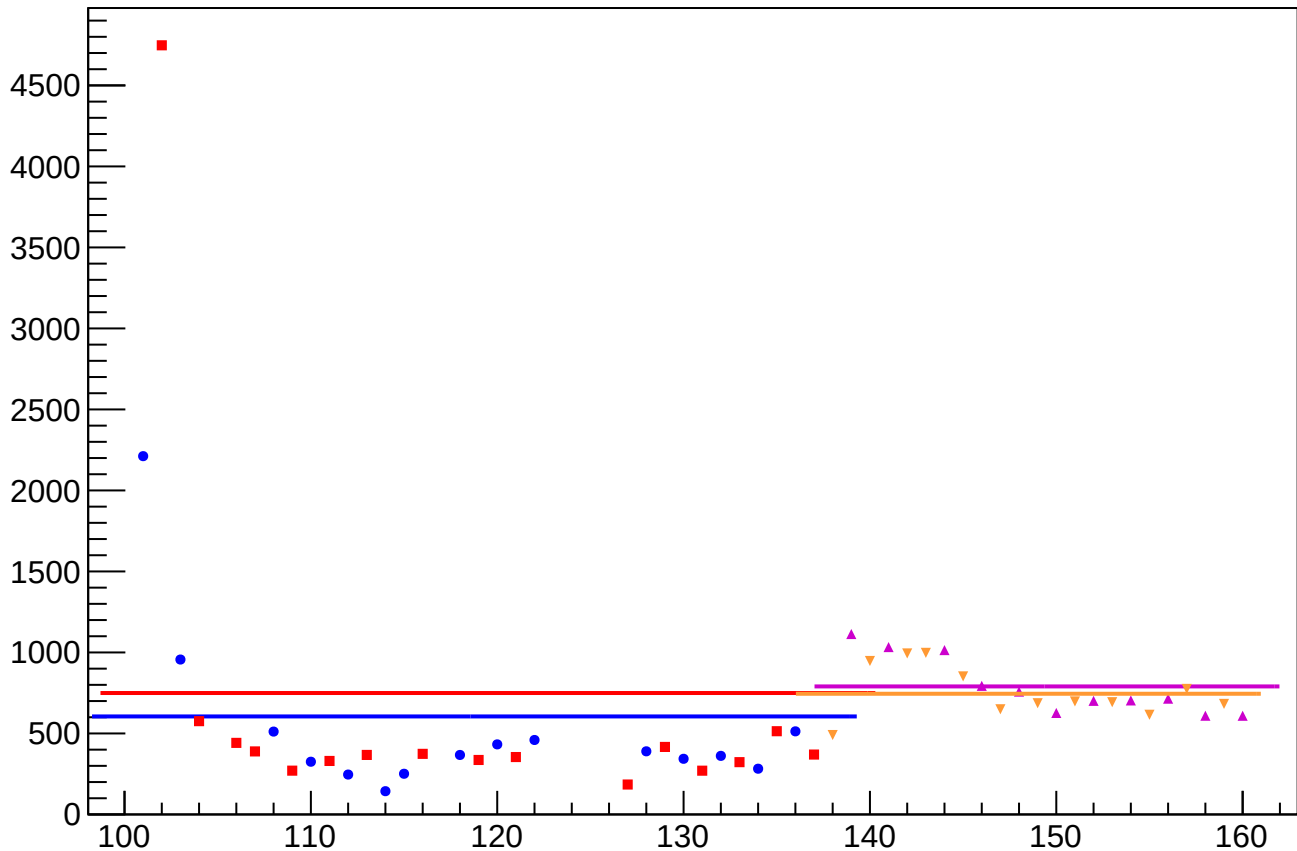
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 27439.616+/-0.000	χ^2/NDF : 14247025908871725813351088668818926469120.0/11
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28881.771+/-0.000	χ^2/NDF : 3761764043421234560623243625754374701056.0/10

+ sign 22498.900+/-0.000 χ^2/NDF : 9536357865964
 All: 22561.315+/-0.000 χ^2/NDF : 2024381611
 - sign 22622.631+/-0.000 χ^2/NDF : 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 744.985+/-0.000 χ^2/NDF : 19571453984278961719936247870544412672.0/11

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

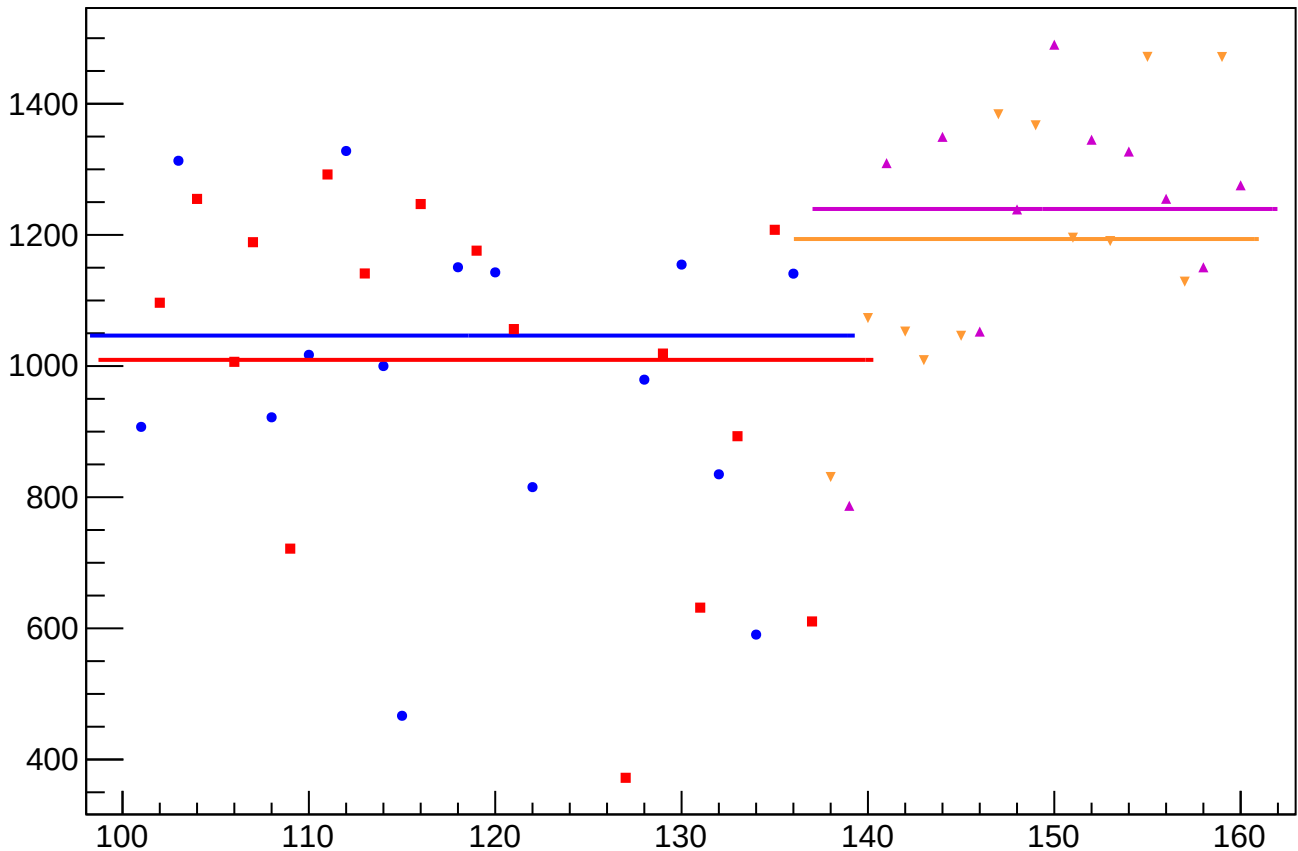
Left In: 790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10

+ sign 686.873+/-0.000 χ^2/NDF : 216406275122554

All: 730.430+/-0.000 χ^2/NDF : 127166116576

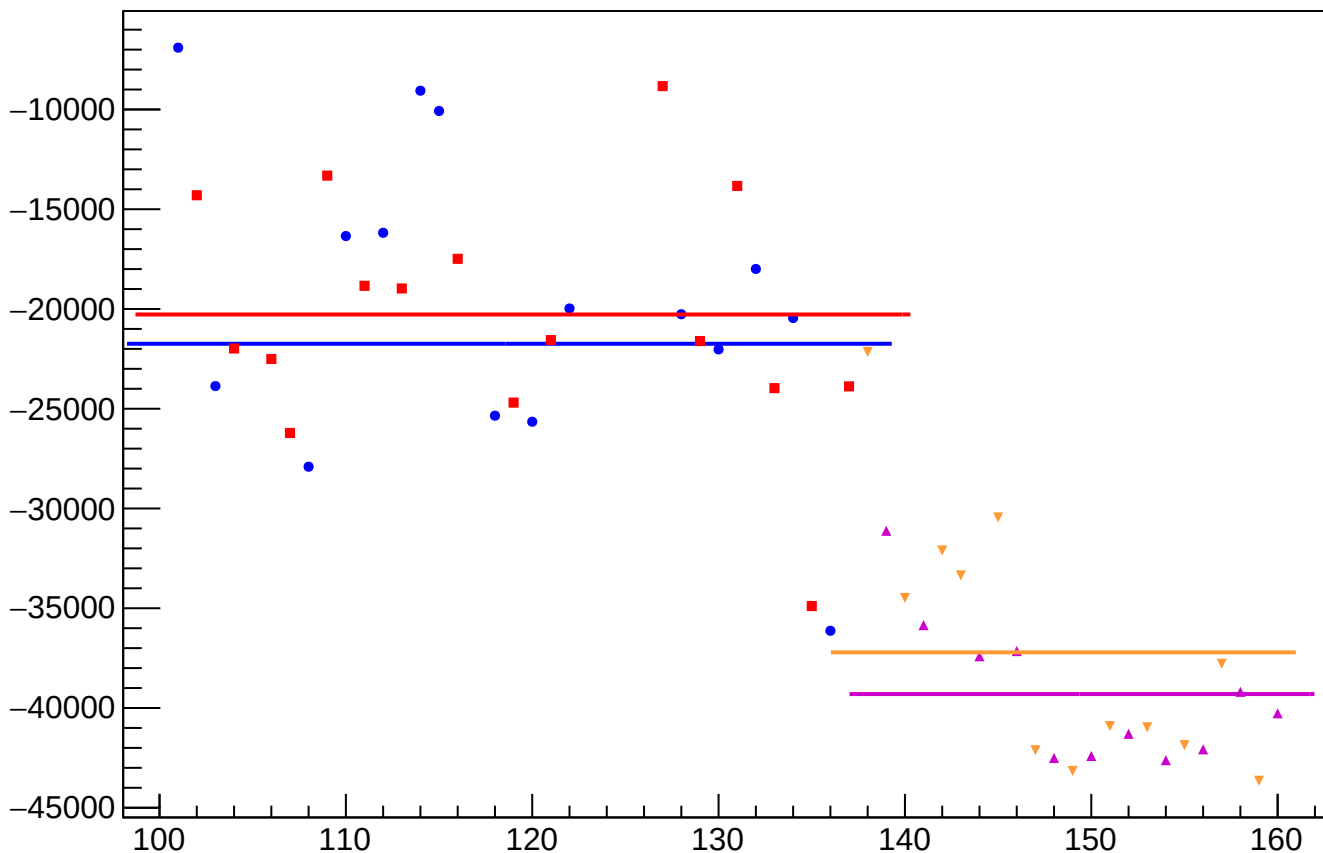
- sign 773.220+/-0.000 χ^2/NDF : 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



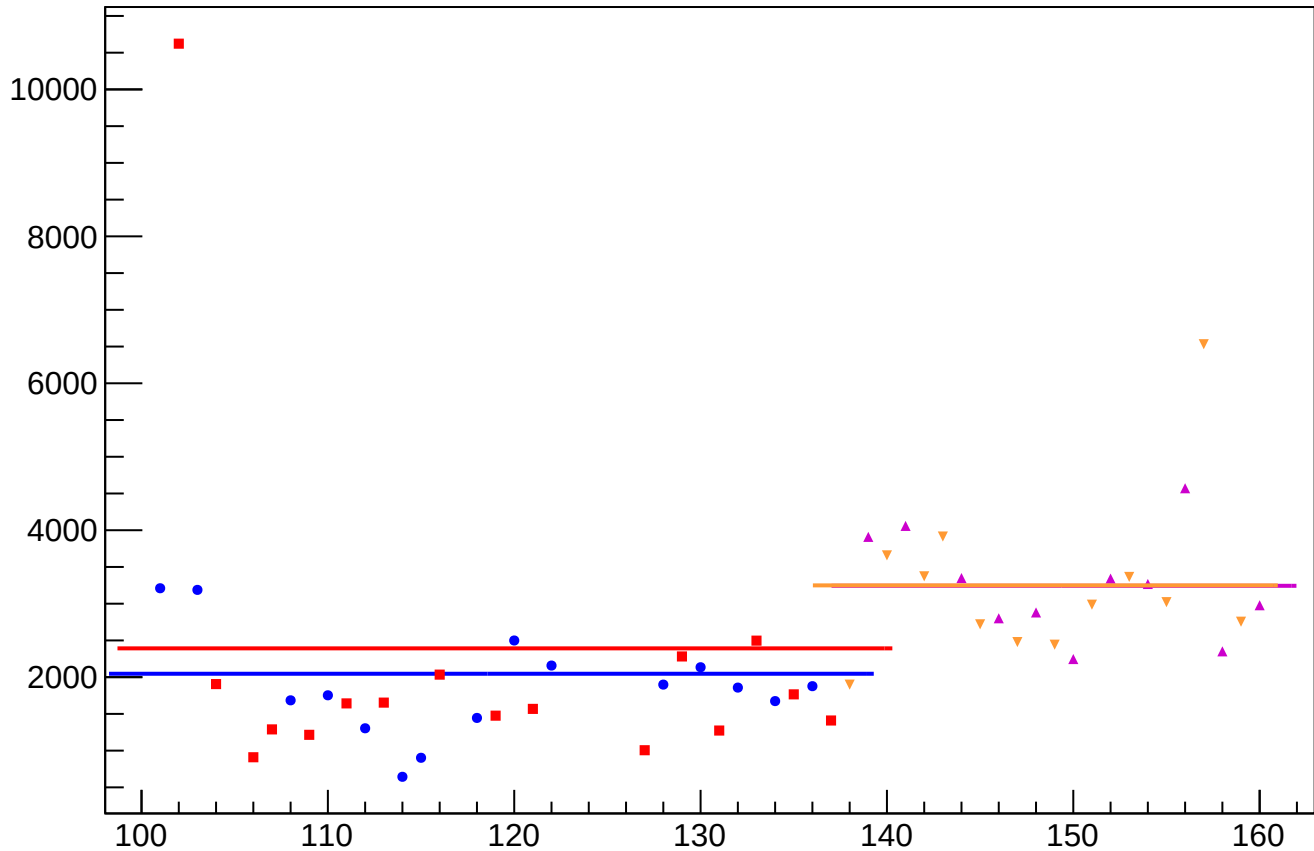
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_atr2_coil1_mean vs Slug



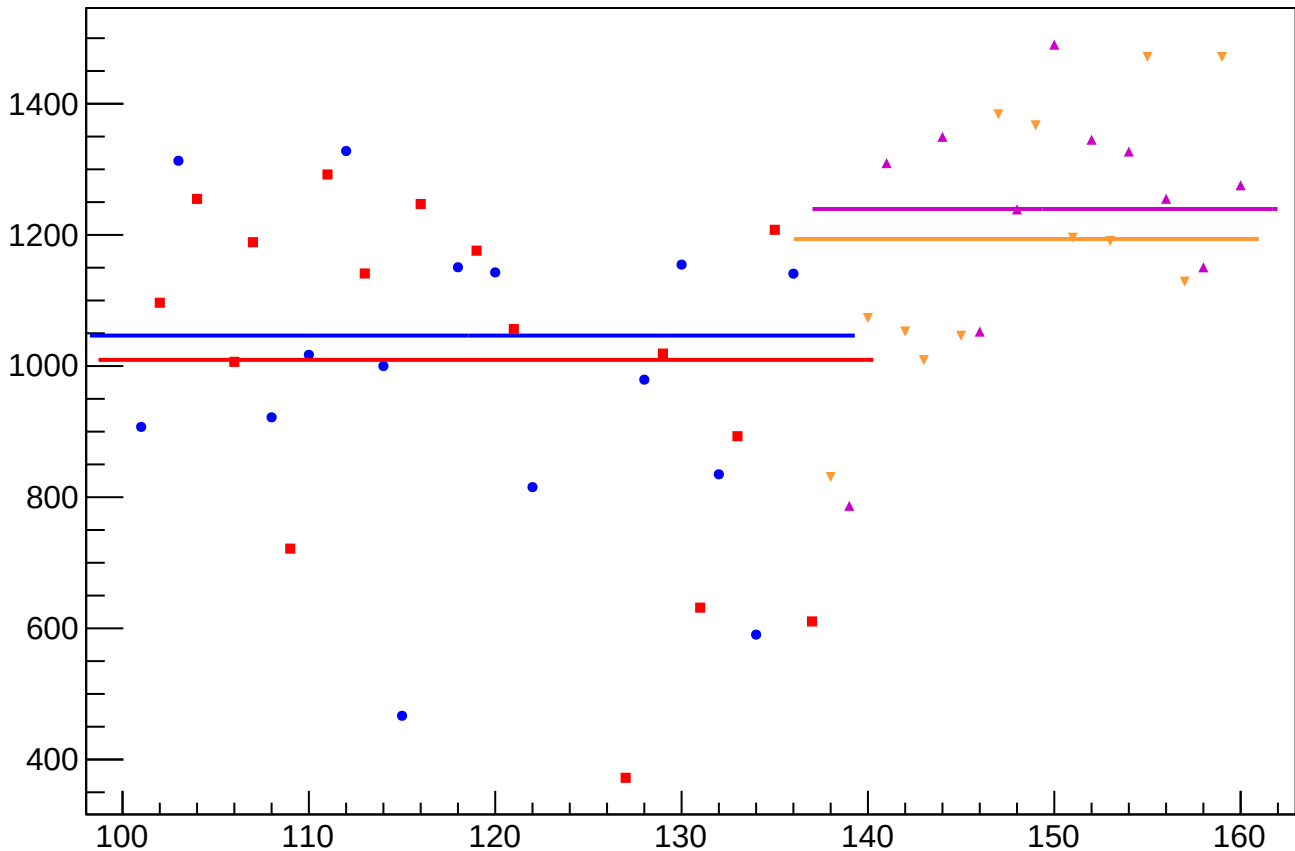
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -37210.761+/-0.000 χ^2/NDF : 36234813568101266501920845904945520574464.0/11
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -39301.203+/-0.000 χ^2/NDF : 10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



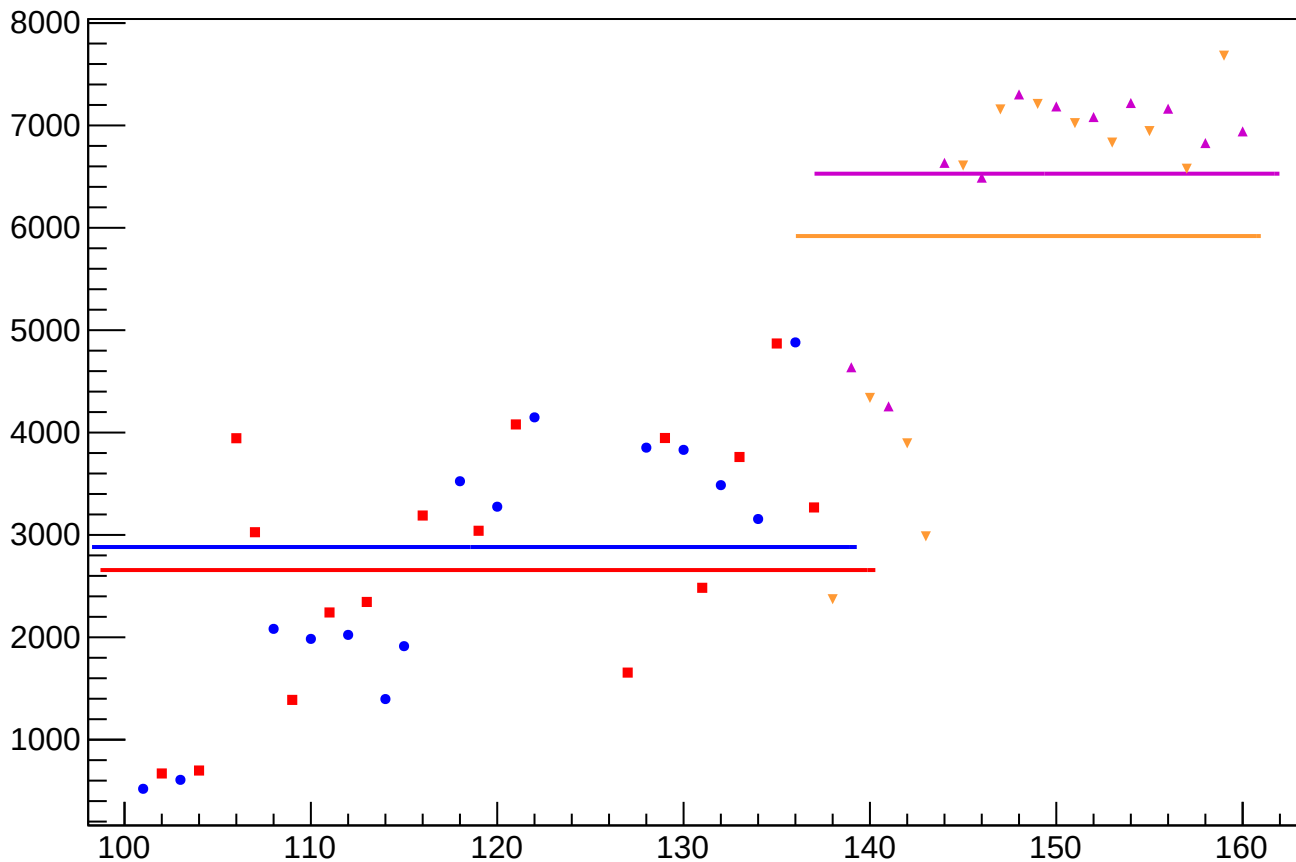
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14	+ sign 2749.812+/-0.000	χ^2/NDF : 20064864272112
Left Out: 3249.314+/-0.000	χ^2/NDF : 1190726211956001849078073092083852247040.0/11	All: 2818.755+/-0.000	χ^2/NDF : 71401525067
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15	- sign 2886.485+/-0.000	χ^2/NDF : 51189384320628
Left In: 3243.479+/-0.000	χ^2/NDF : 422752345809564414875941115453230809088.0/10		

dit_atr2_coil1_Ndata_mean vs Slug



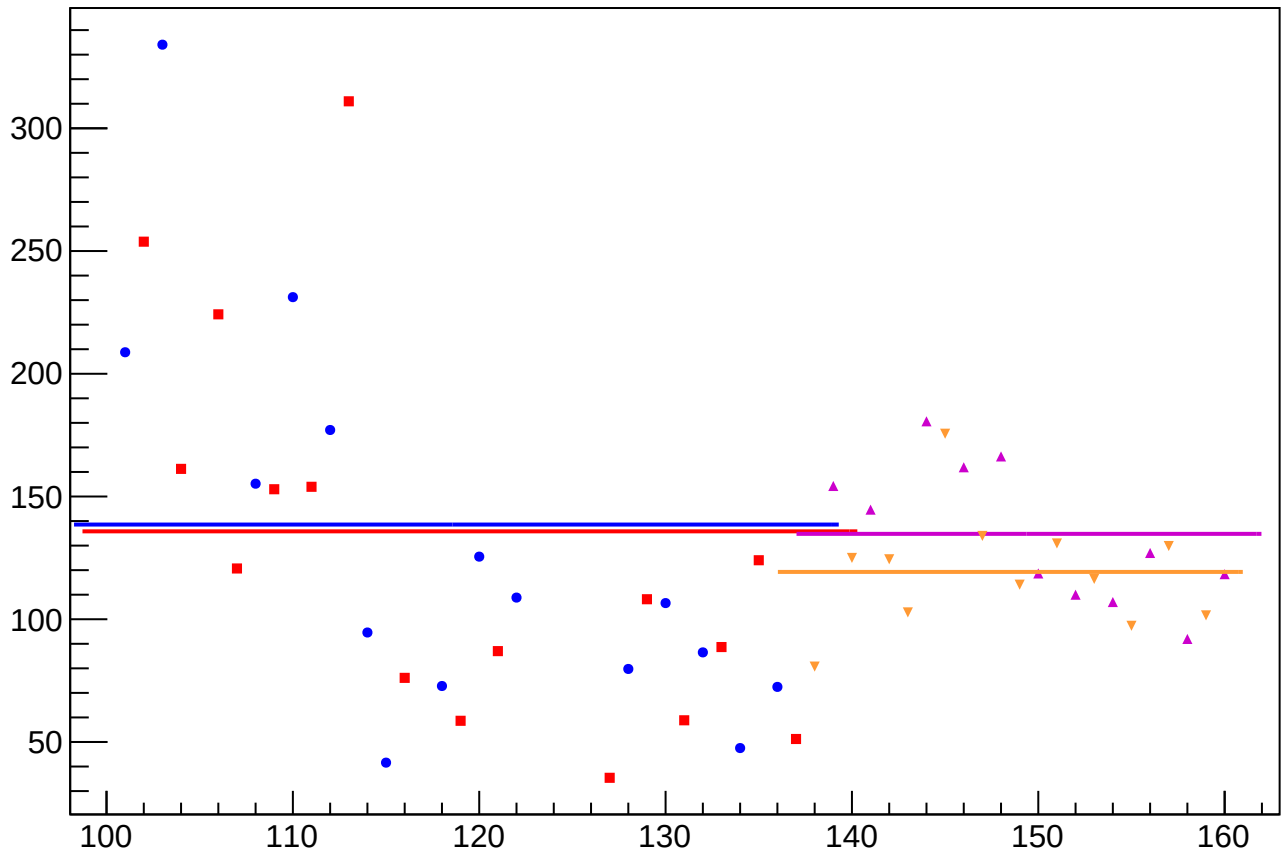
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam1_coil1_mean vs Slug



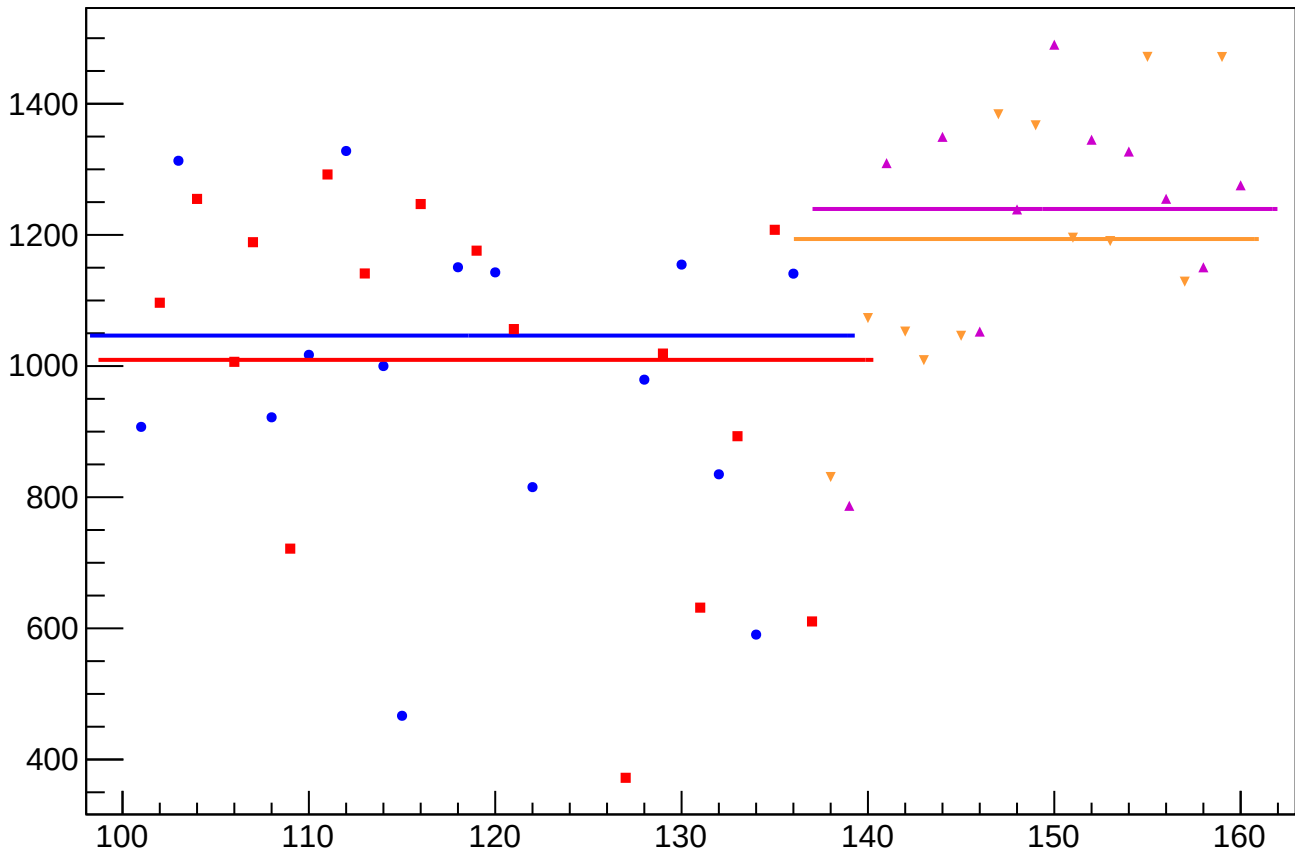
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5919.511+/-0.000 χ^2/NDF : 2779072700024845827027981240176985767936.0/11
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10

dit_sam1_coil1_err_mean vs Slug



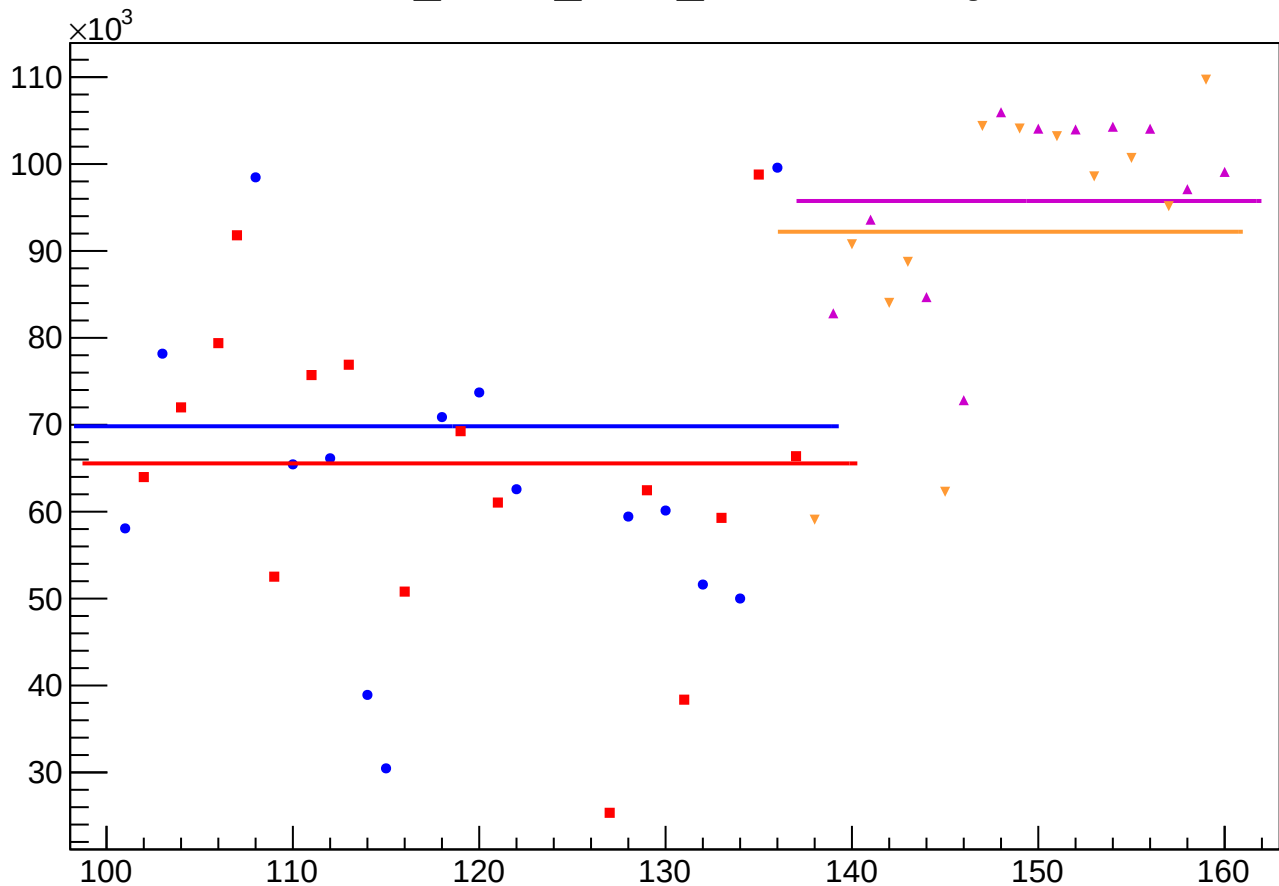
Right In: 138.577+/-0.000	χ^2/NDF : 4242369889979811373883774021335515136.0/14	+ sign 127.294+/-0.000	χ^2/NDF : 487151185585046
Left Out: 119.282+/-0.000	χ^2/NDF : 487845779395217879153815293985292288.0/11	All: 131.289+/-0.000	χ^2/NDF : 956758975873
Right Out: 135.809+/-0.000	χ^2/NDF : 3956401741862524263243160868173643776.0/15	- sign 135.214+/-0.000	χ^2/NDF : 464661599123883
Left In: 134.785+/-0.000	χ^2/NDF : 689808602632315539029860685392642048.0/10		

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

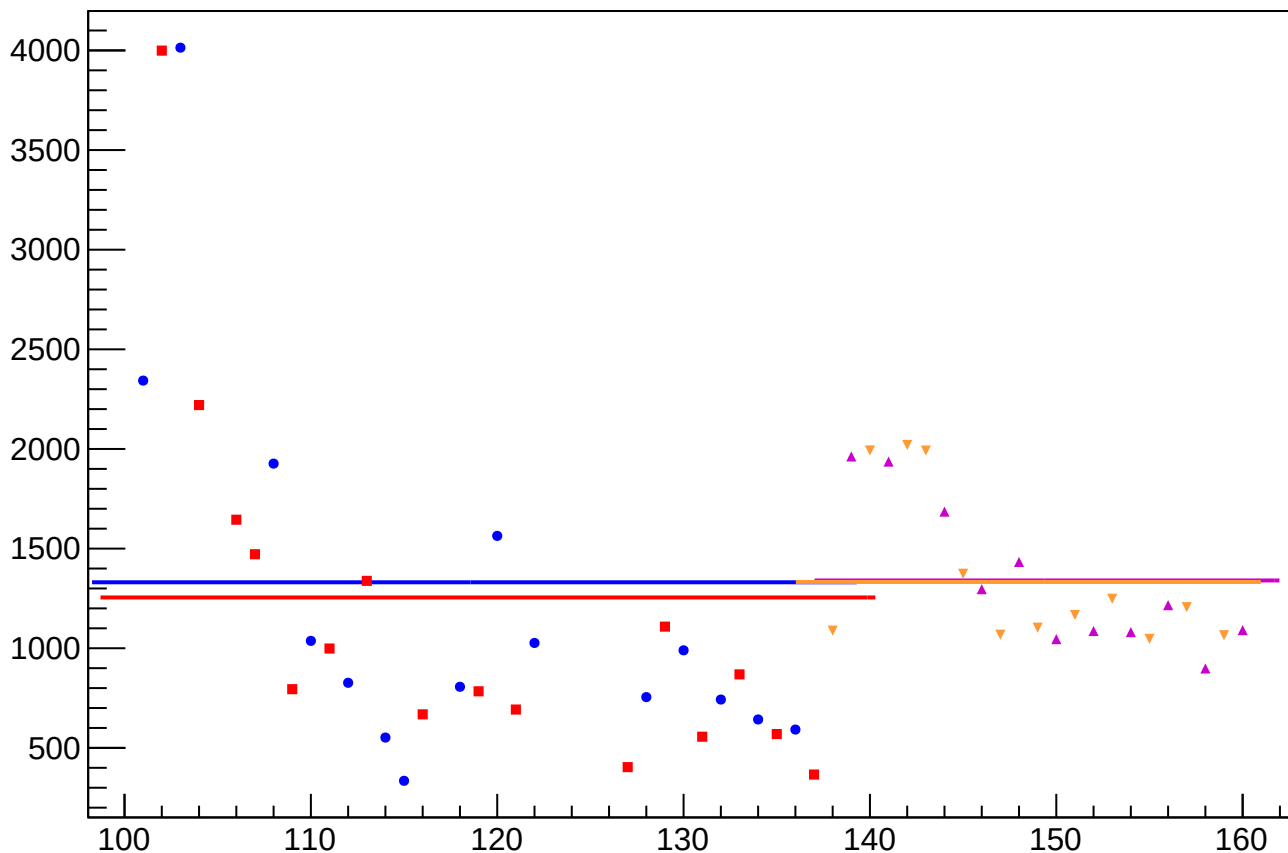
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 92210.698 $\pm$ 0.000	χ^2 /NDF: 226577476657807585202083767685360289579008.0/11
Right Out: 65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: 95749.411 $\pm$ 0.000	χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

+ sign 82916.711 $\pm$ 0.000 χ^2 /NDF: 6045168976255
 All: 83004.616 $\pm$ 0.000 χ^2 /NDF: 1272083143
 - sign 83090.974 $\pm$ 0.000 χ^2 /NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1332.669+/-0.000 χ^2/NDF : 117488793251165999850417206895273050112.0/11

Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

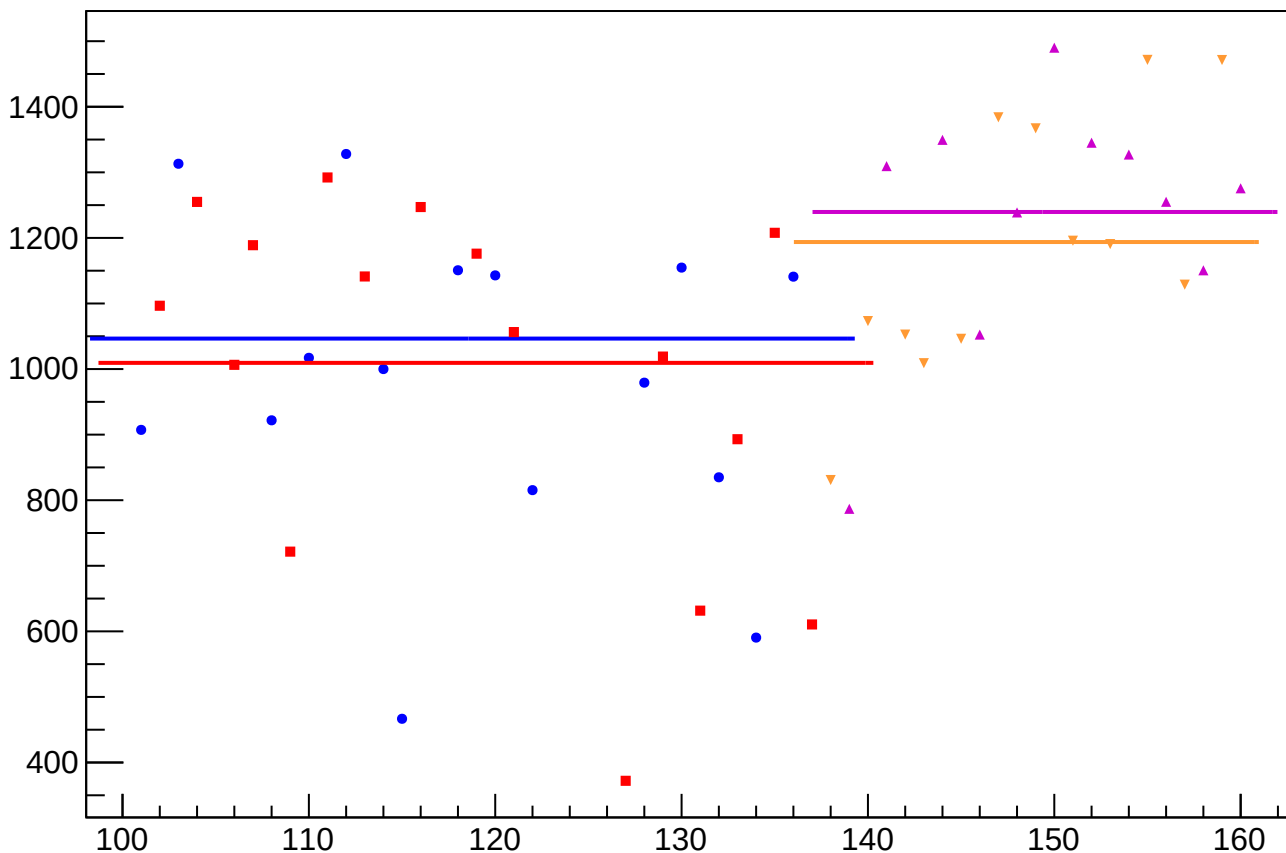
Left In: 1340.185+/-0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10

+ sign 1331.958+/-0.000 χ^2/NDF : 76697117094463

All: 1318.066+/-0.000 χ^2/NDF : 15167335846

- sign 1304.419+/-0.000 χ^2/NDF : 74916446361161

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

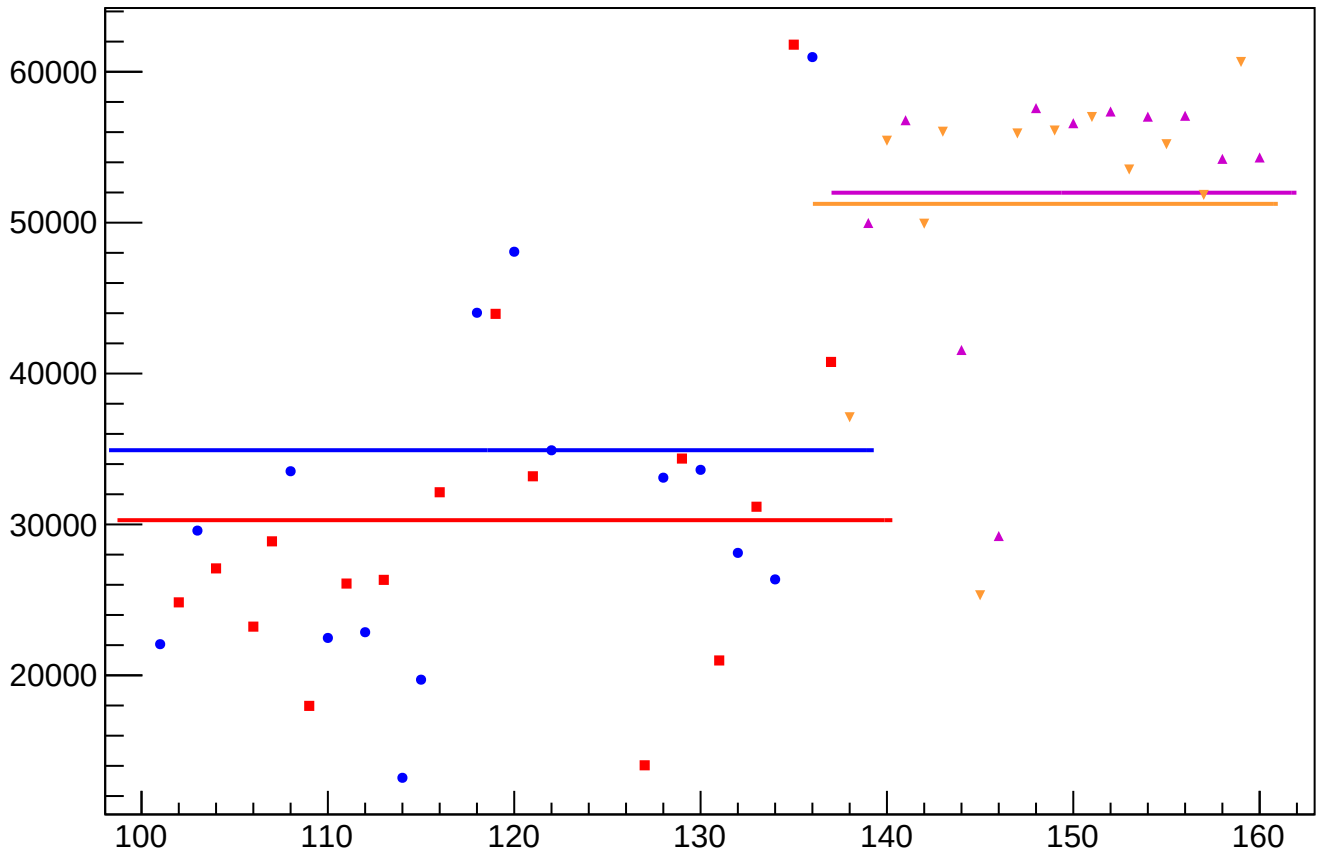
Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

+ sign 1132.590+/-0.000 χ^2/NDF : 67482648076441

All: 1137.884+/-0.000 χ^2/NDF : 16179959910

- sign 1143.084+/-0.000 χ^2/NDF : 94230119572030

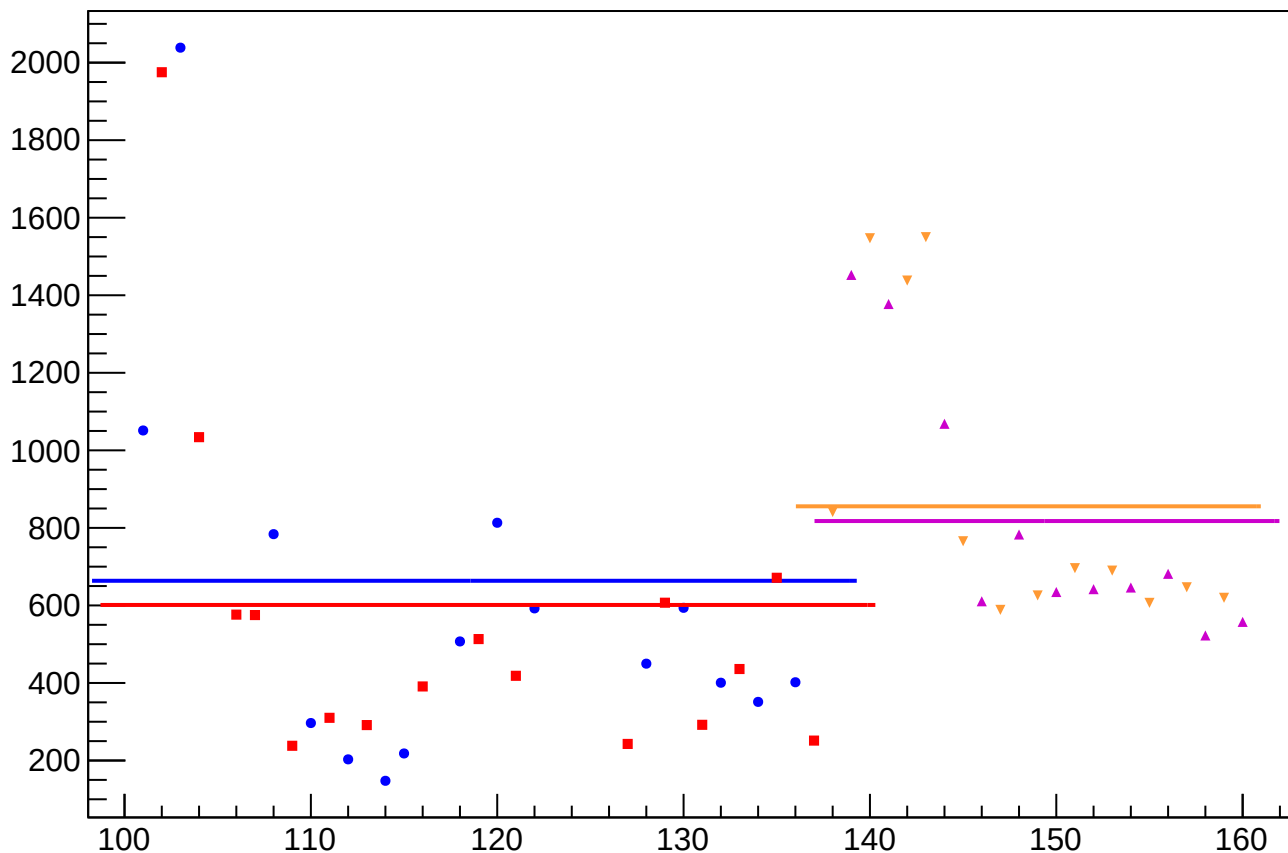
dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 51246.568+/-0.000	χ^2/NDF : 86168540614102445062046954668602534395904.0/11
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 51985.374+/-0.000	χ^2/NDF : 67172587579518863379504132116294676774912.0/10

+ sign 44467.216+/-0.000 χ^2/NDF : 2937224586407
 All: 43669.971+/-0.000 χ^2/NDF : 6336704207
 - sign 42886.756+/-0.000 χ^2/NDF : 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 855.627+/-0.000 χ^2/NDF : 114895226746628689144721696446463606784.0/11

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

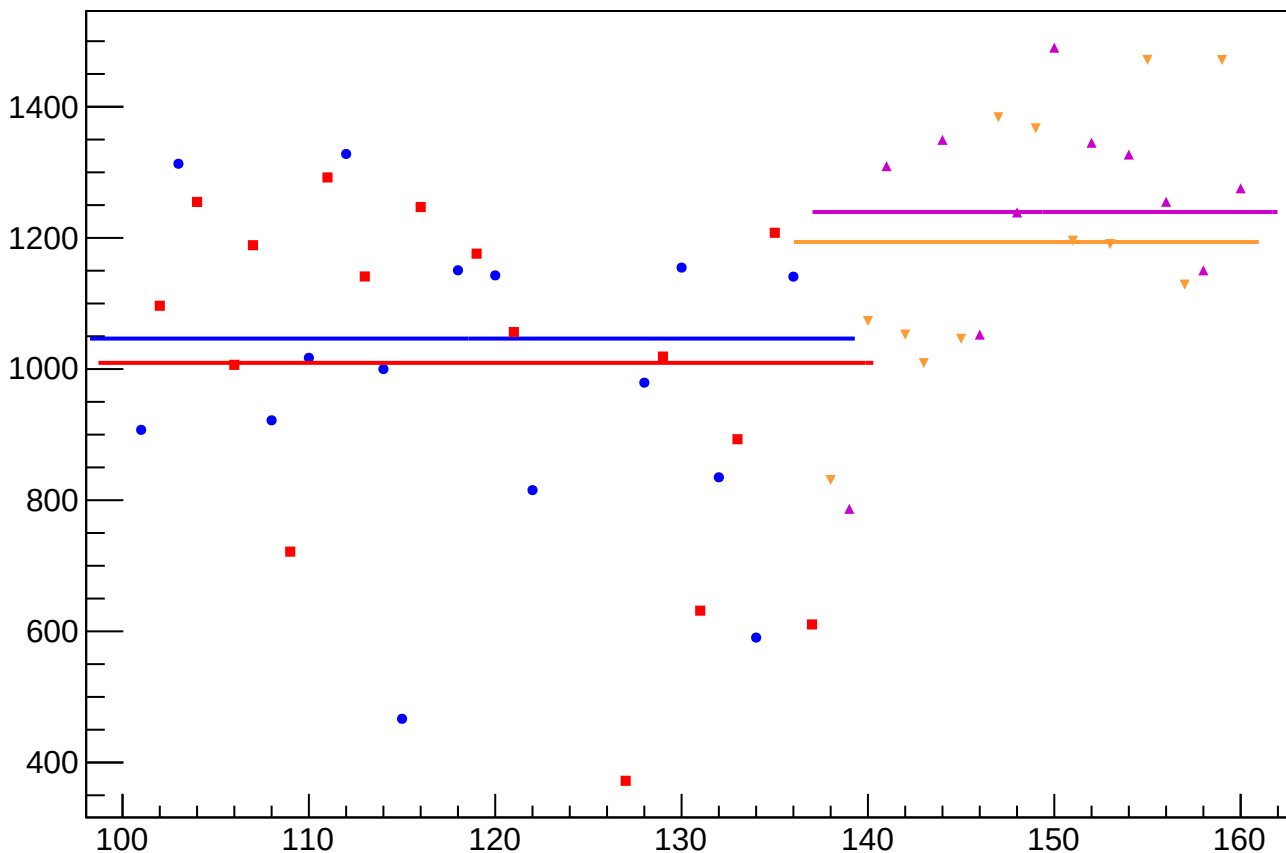
Left In: 817.657+/-0.000 χ^2/NDF : 90429548723715663326805299076811194368.0/10

+ sign 775.881+/-0.000 χ^2/NDF : 286585359117303

All: 751.182+/-0.000 χ^2/NDF : 546770040595

- sign 726.918+/-0.000 χ^2/NDF : 258294460548114

dit_sam3_coil1_Ndata_mean vs Slug



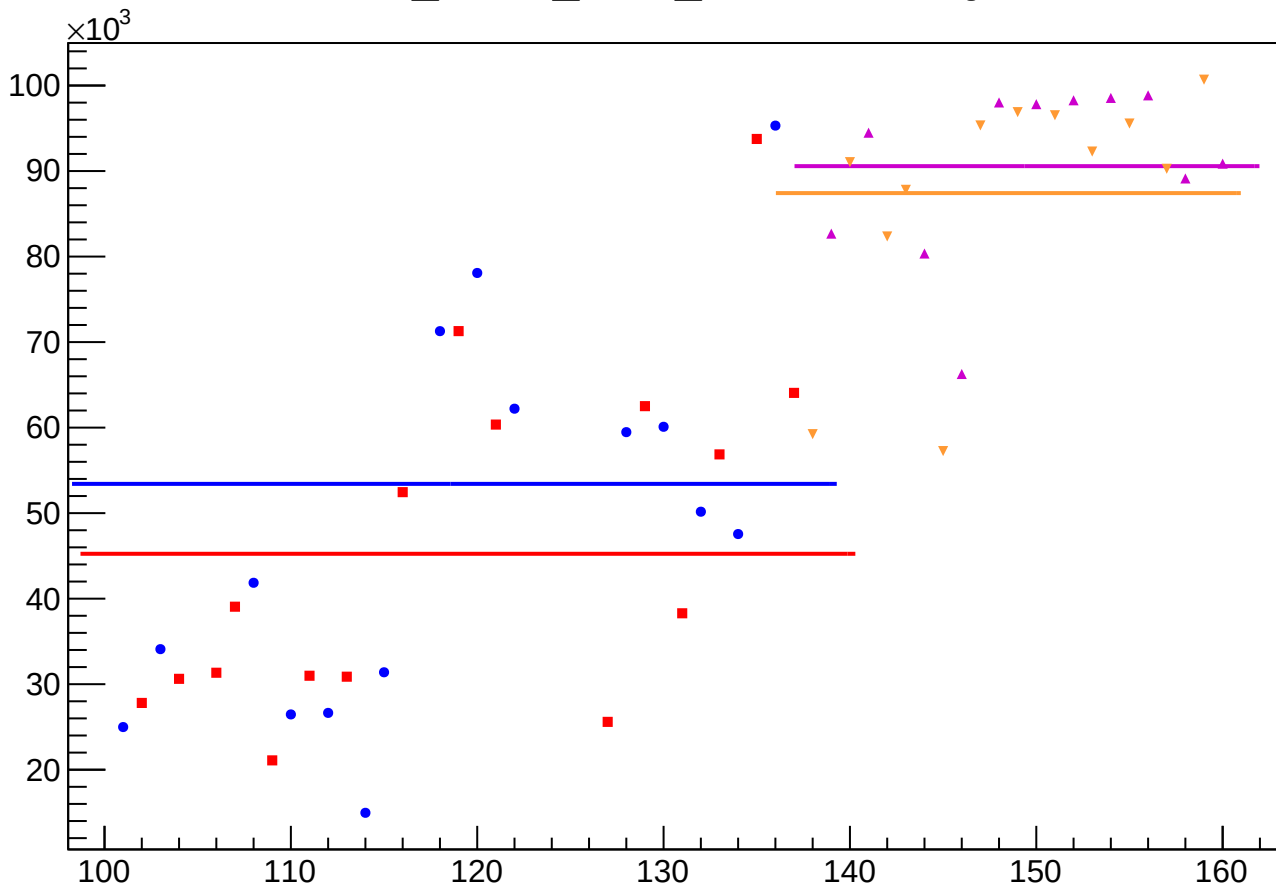
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

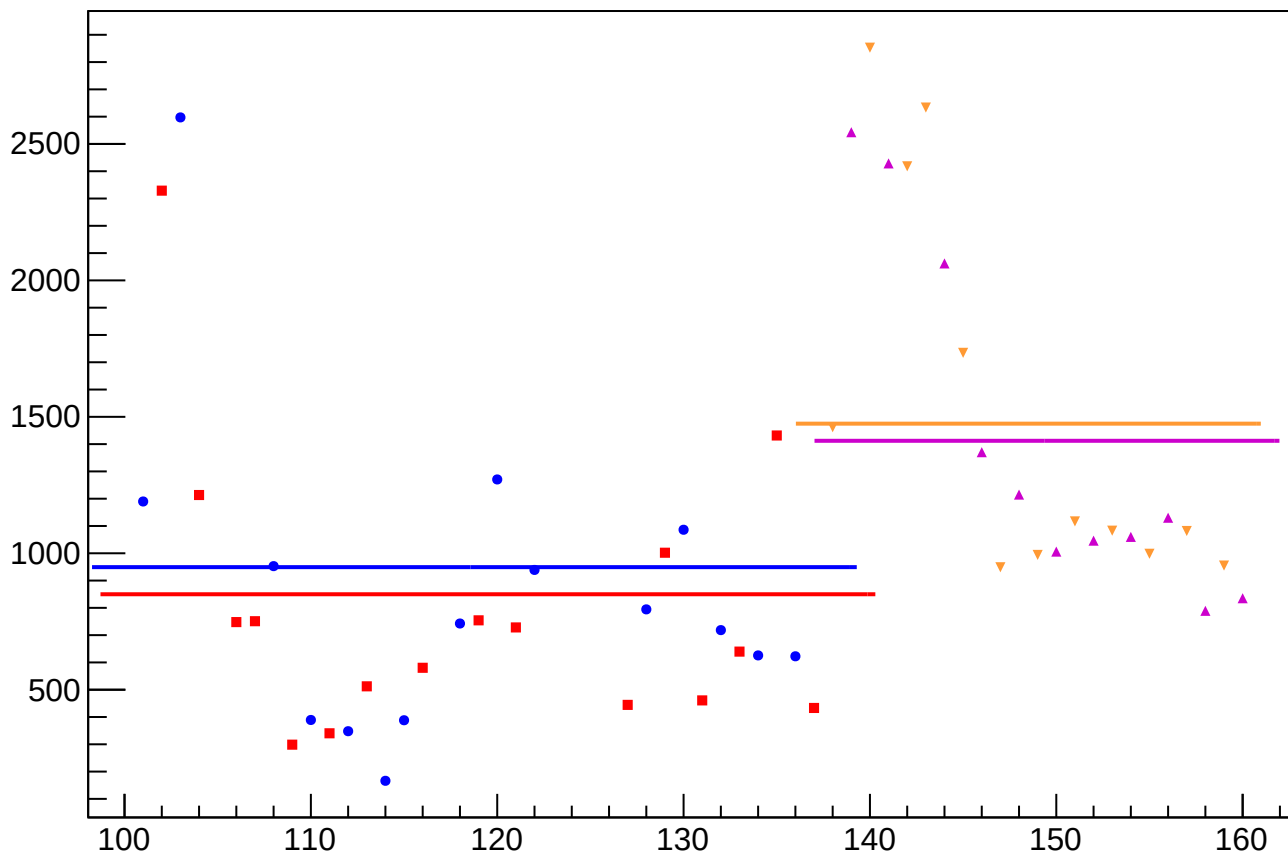
dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000	χ^2/NDF : 360635757315133800133751123167777346551808.0/14
Left Out: 87421.965+/-0.000	χ^2/NDF : 176009447933973172298765808269588074332160.0/11
Right Out: 45247.617+/-0.000	χ^2/NDF : 286060196488034430215784613374055547928576.0/15
Left In: 90573.760+/-0.000	χ^2/NDF : 90574081394354221593949262312406685581312.0/10

+ sign 73304.445+/-0.000 χ^2/NDF : 9753549747664
 All: 72430.299+/-0.000 χ^2/NDF : 2150195804
 - sign 71571.537+/-0.000 χ^2/NDF : 1172473175377

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1474.996+/-0.000 χ^2/NDF : 407776279141254062636078508853738602496.0/11

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

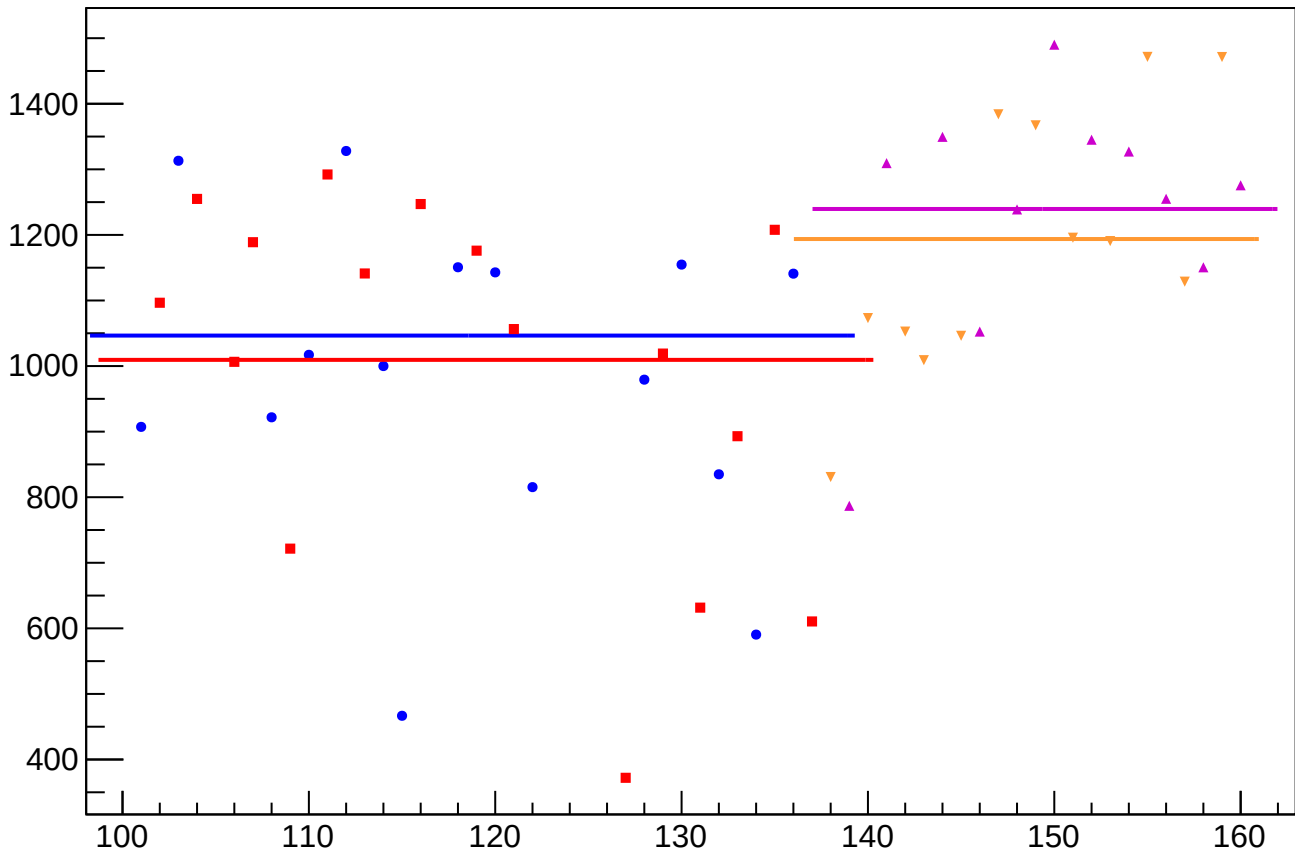
Left In: 1412.186+/-0.000 χ^2/NDF : 332529390934897118157875972661756035072.0/10

+ sign 1256.670+/-0.000 χ^2/NDF : 73839035869210

All: 1216.192+/-0.000 χ^2/NDF : 14031243171

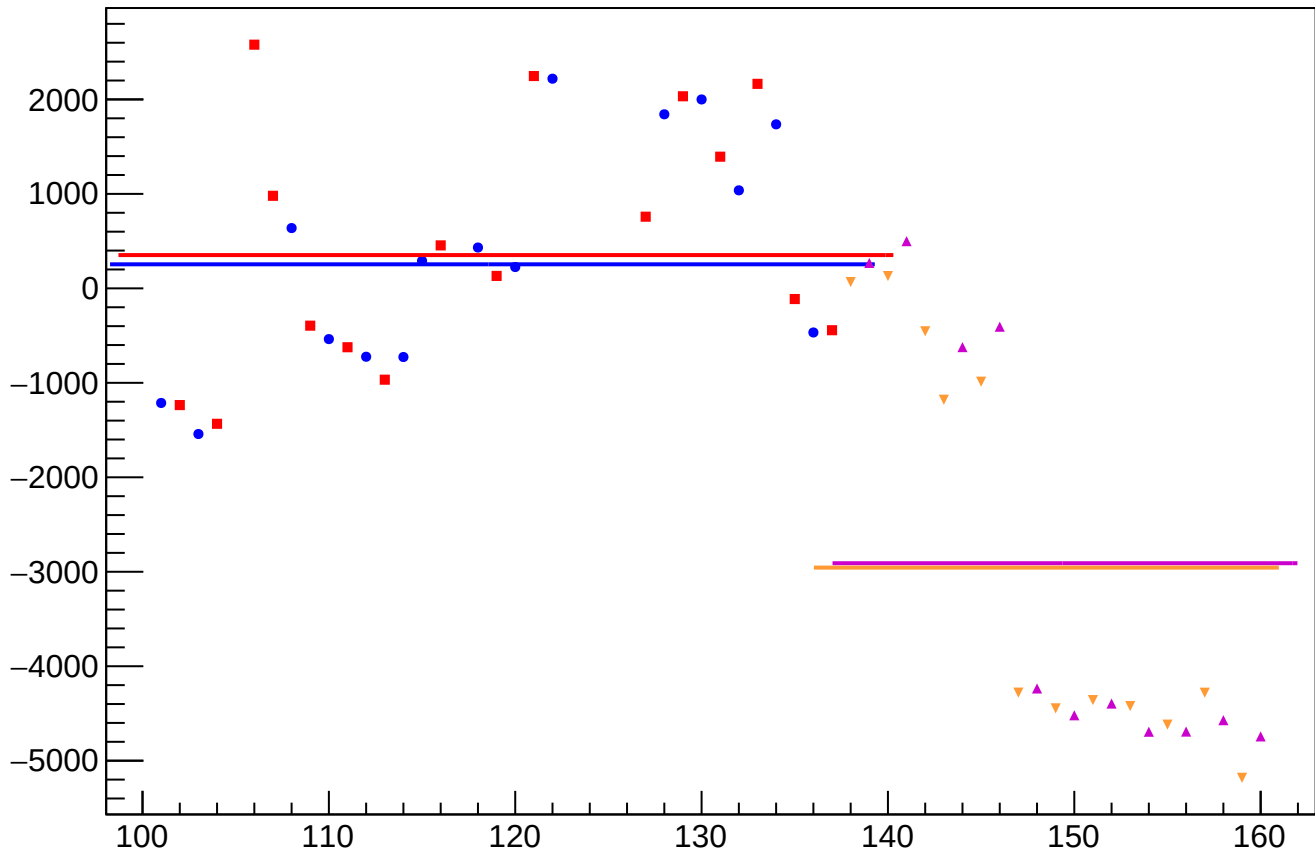
- sign 1176.426+/-0.000 χ^2/NDF : 65965720923462

dit_sam4_coil1_Ndata_mean vs Slug



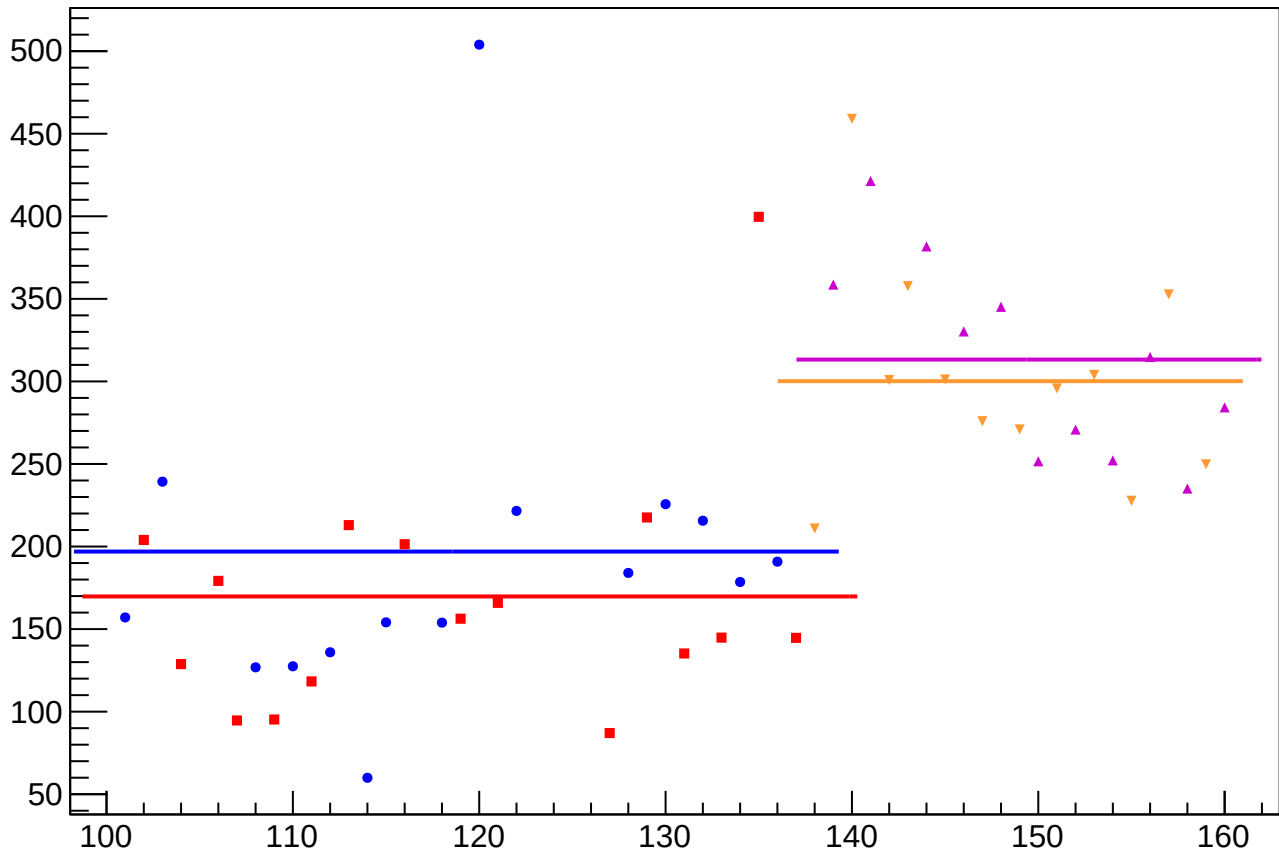
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam5_coil1_mean vs Slug



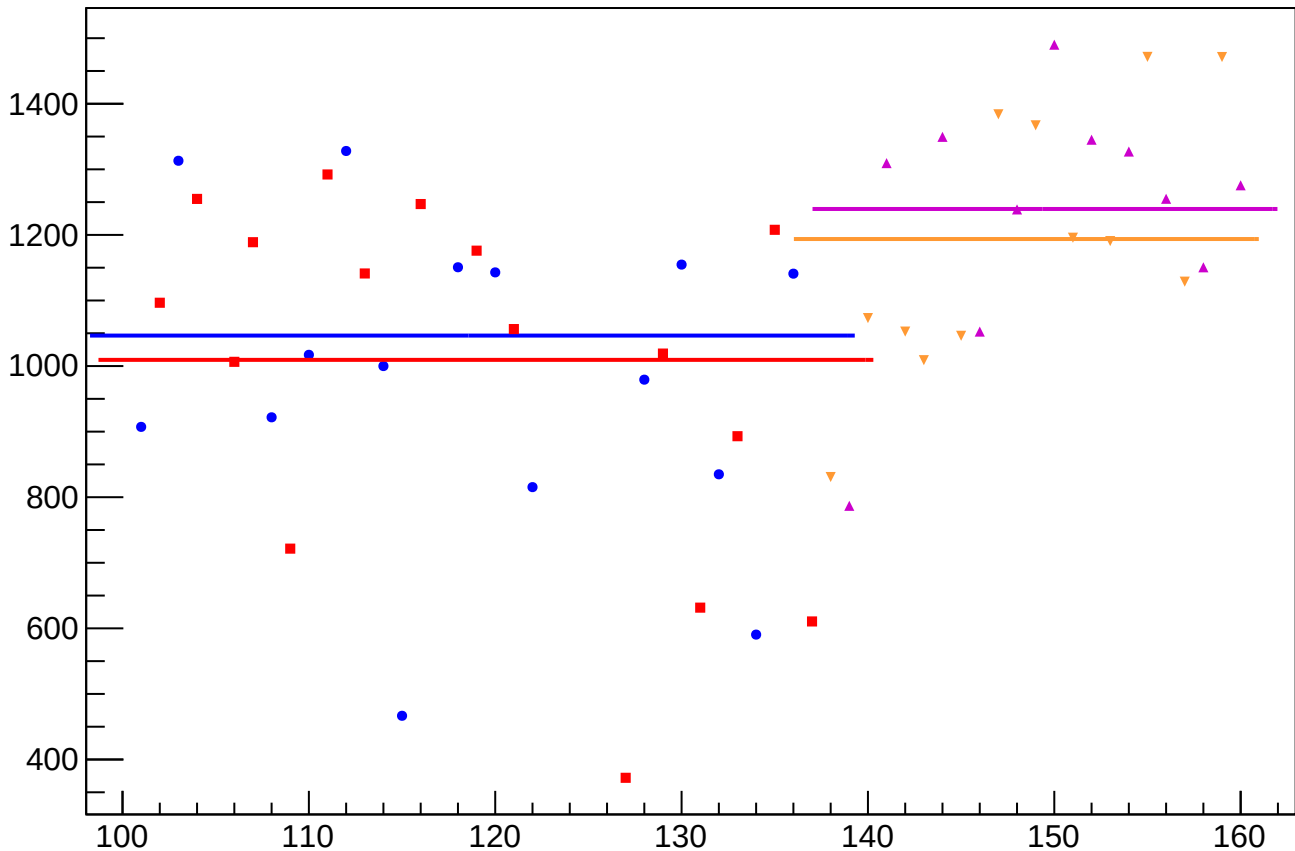
Right In: 254.578 ± 0.000 $\chi^2/\text{NDF}: 978402113531006640741569223967249530880.0/14$
 Left Out: -2955.997 ± 0.000 $\chi^2/\text{NDF}: 3707818280907677847342876591435129290752.0/11$
 Right Out: 352.308 ± 0.000 $\chi^2/\text{NDF}: 1100813647101508513447529068154010468352.0/15$
 Left In: -2909.545 ± 0.000 $\chi^2/\text{NDF}: 4377323512278558404902073126276443406336.0/10$

dit_sam5_coil1_err_mean vs Slug

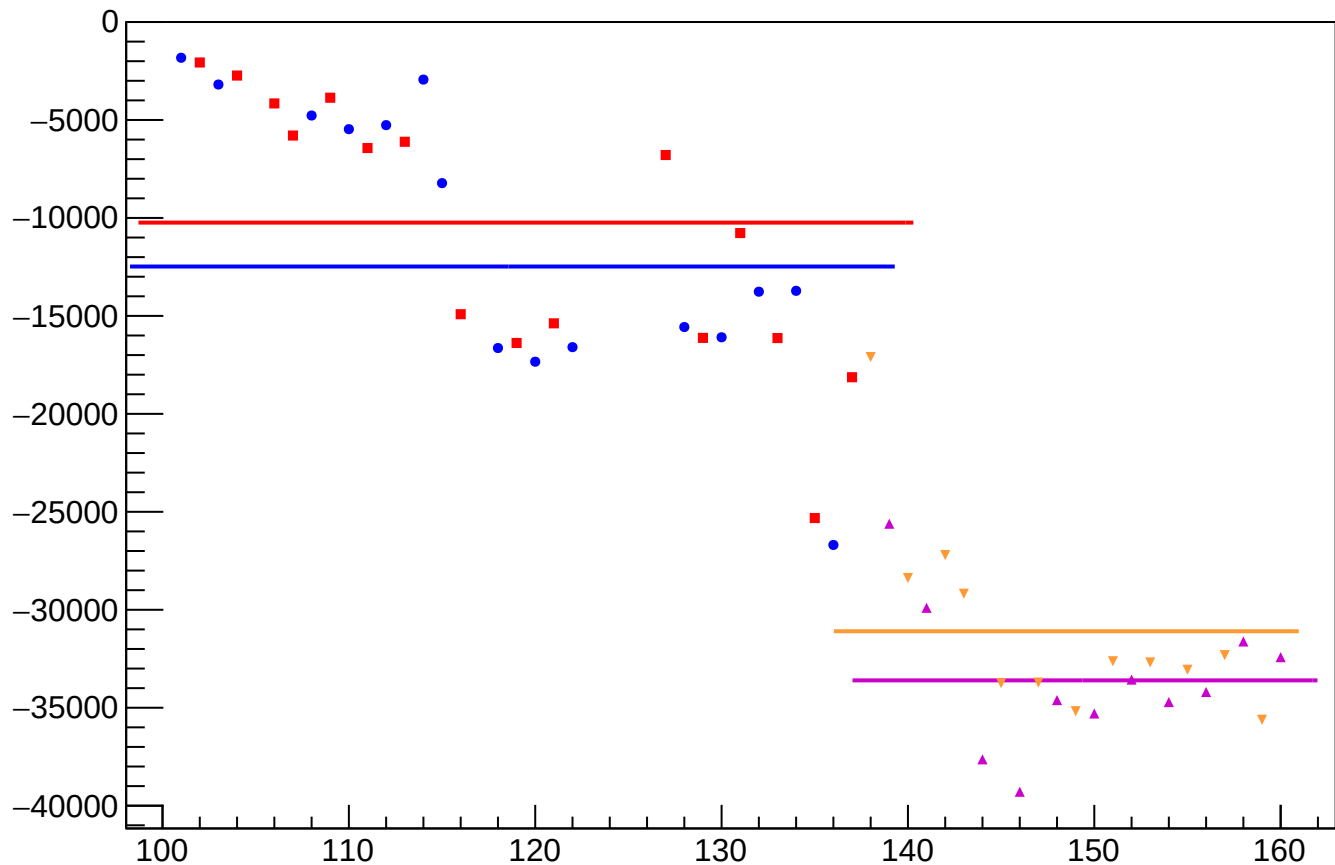


Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 257.303+/-0.000	χ^2/NDF : 124000774019819
Left Out: 300.154+/-0.000	χ^2/NDF : 3873021428685352941137053448690204672.0/11	All: 255.177+/-0.000	χ^2/NDF : 273569793225
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 253.089+/-0.000	χ^2/NDF : 149429007533601
Left In: 313.228+/-0.000	χ^2/NDF : 3079061701843560714774529768142405632.0/10		

dit_sam5_coil1_Ndata_mean vs Slug

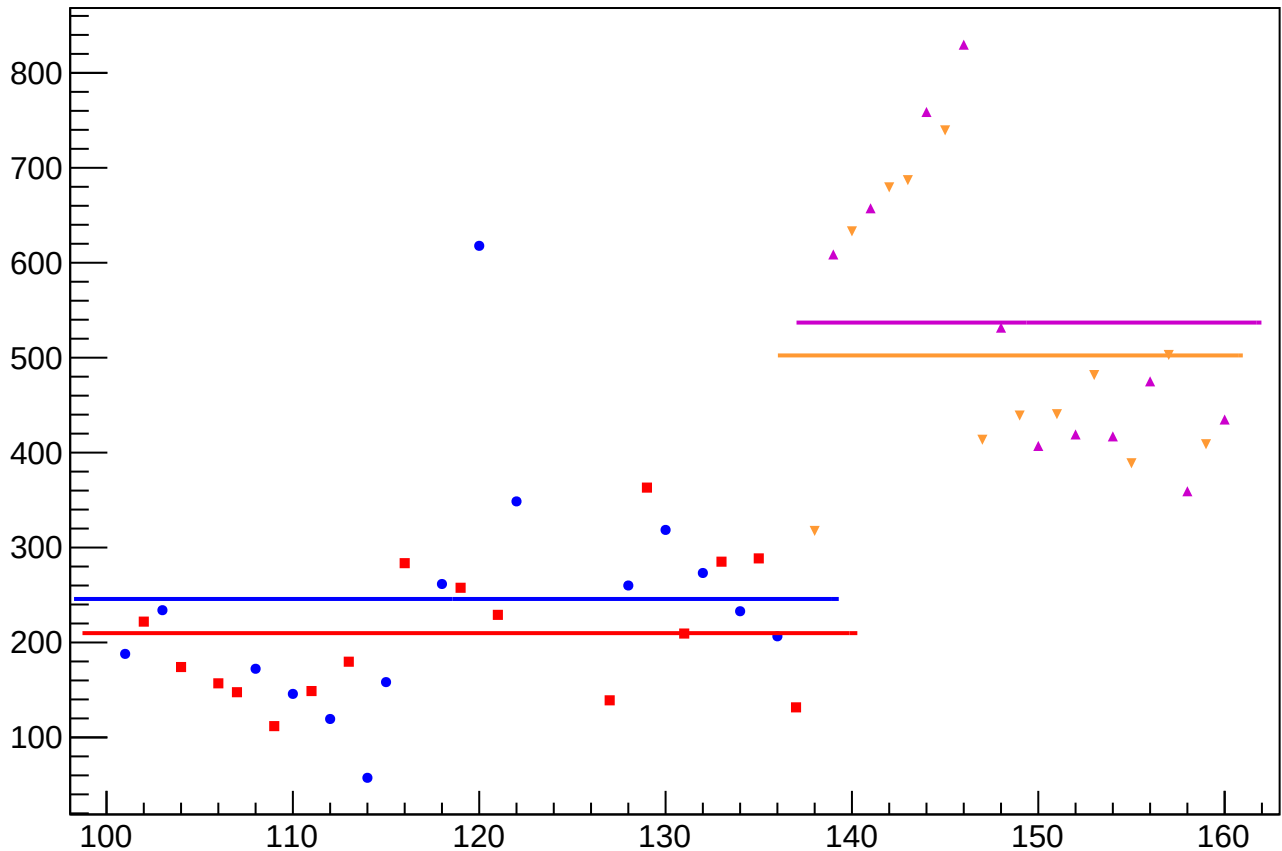


dit_sam6_coil1_mean vs Slug



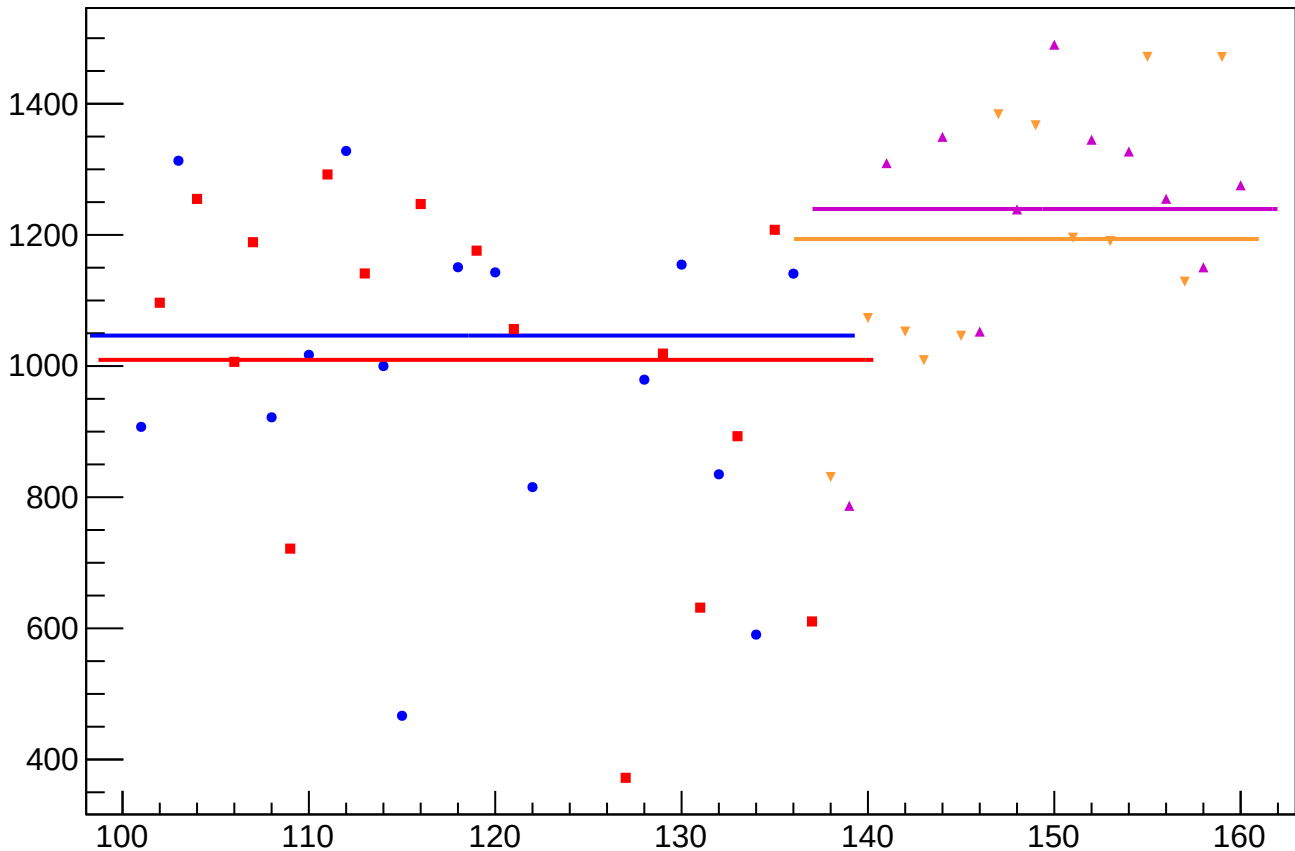
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -31096.364+/-0.000 χ^2/NDF : 21759430970673179273891990313759368282112.0/11
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



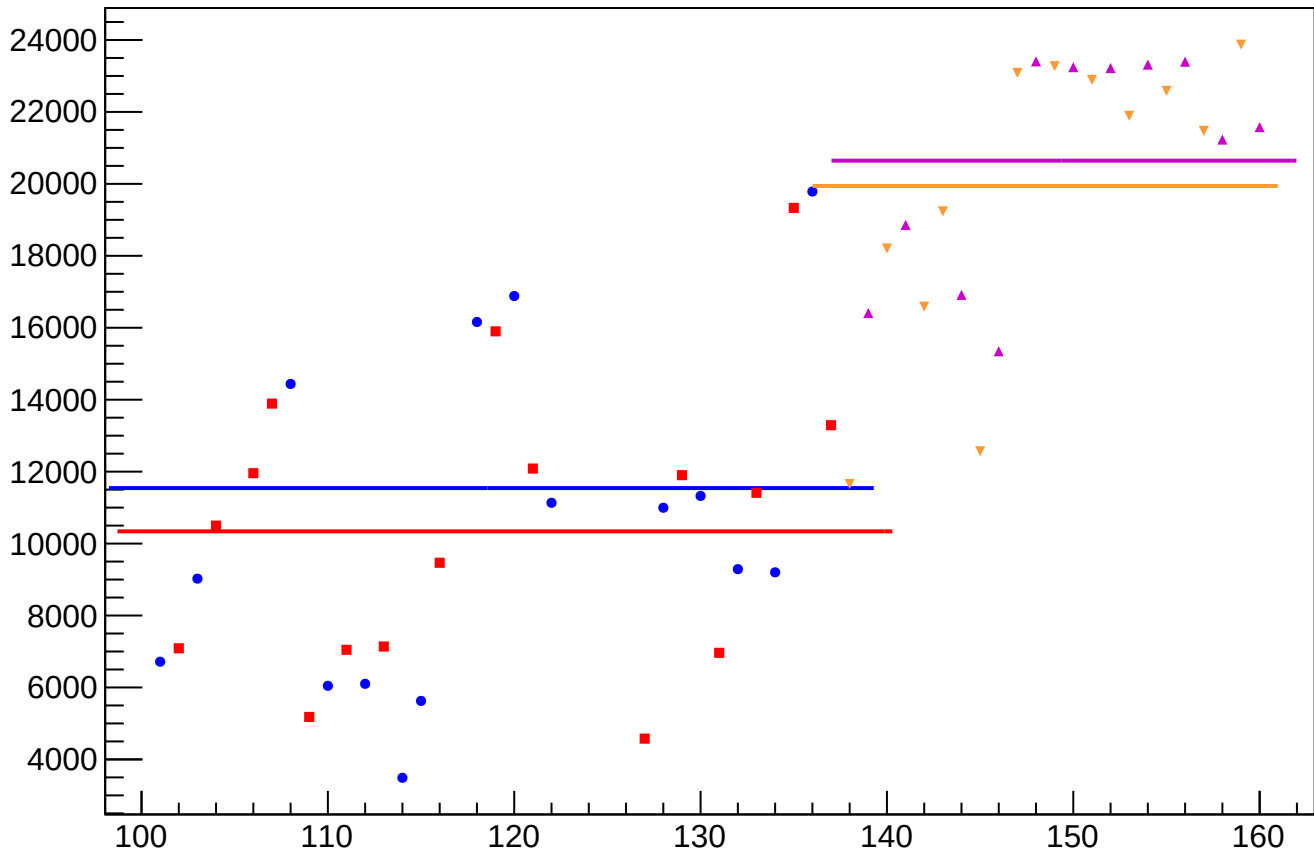
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 395.846+/-0.000	χ^2/NDF : 479955291741577
Left Out: 502.365+/-0.000	χ^2/NDF : 15191566092864942113763626663922368512.0/11	All: 397.856+/-0.000	χ^2/NDF : 113394044527
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 399.831+/-0.000	χ^2/NDF : 653859962401754
Left In: 536.975+/-0.000	χ^2/NDF : 20803022486400810956958367719555596288.0/10		

dit_sam6_coil1_Ndata_mean vs Slug



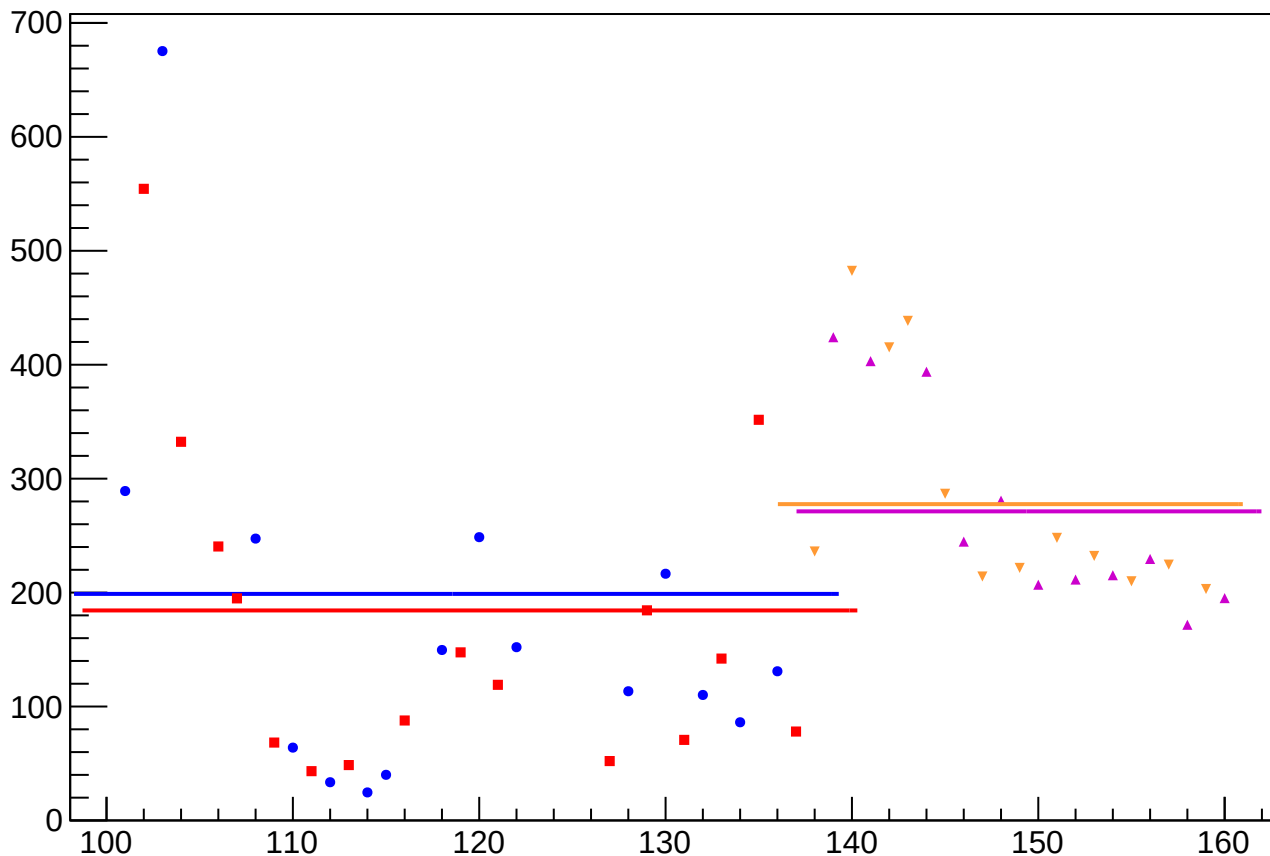
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19940.398+/-0.000 χ^2/NDF : 15069486743345866506868658008400293003264.0/11
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 277.638+/-0.000 χ^2/NDF : 8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

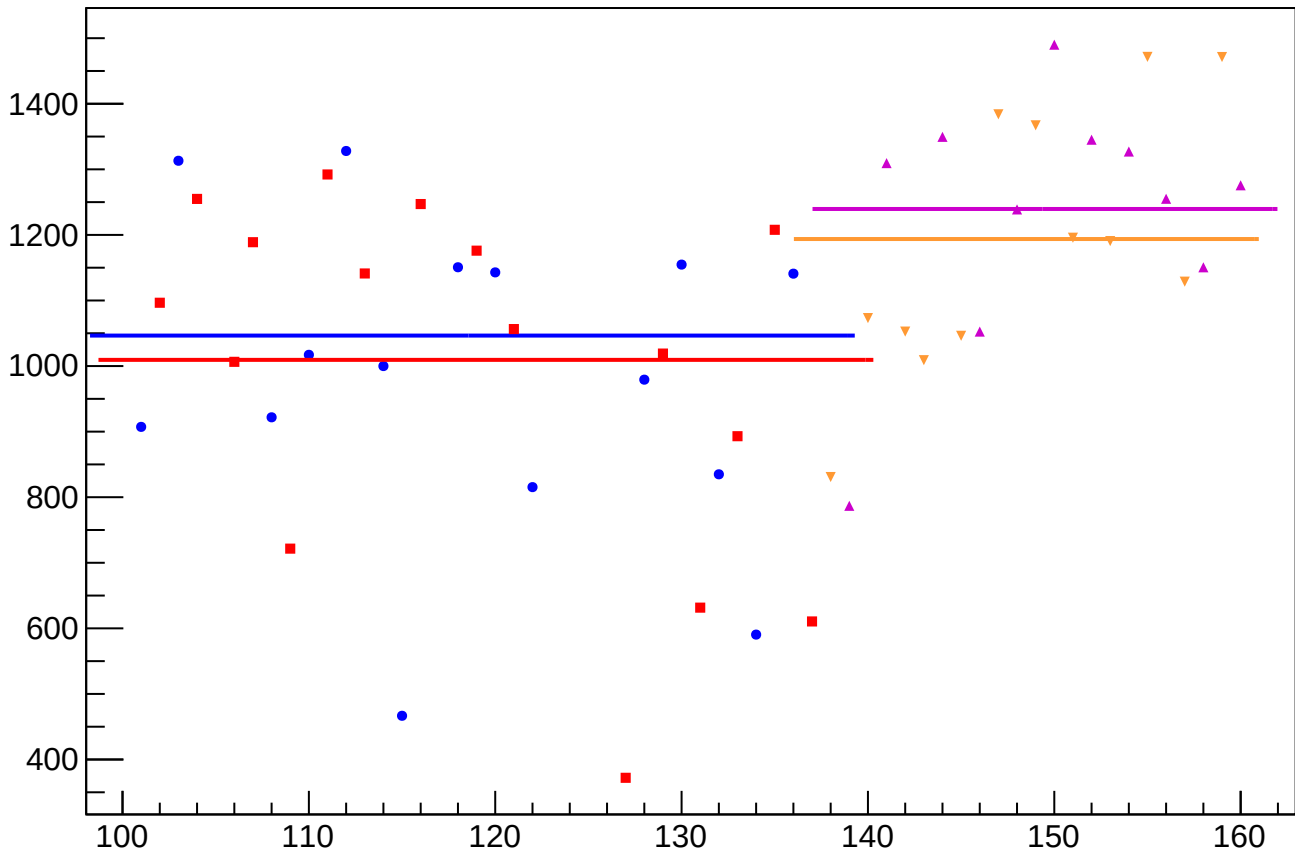
Left In: 271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF : 287284397950927

All: 239.833+/-0.000 χ^2/NDF : 537780837700

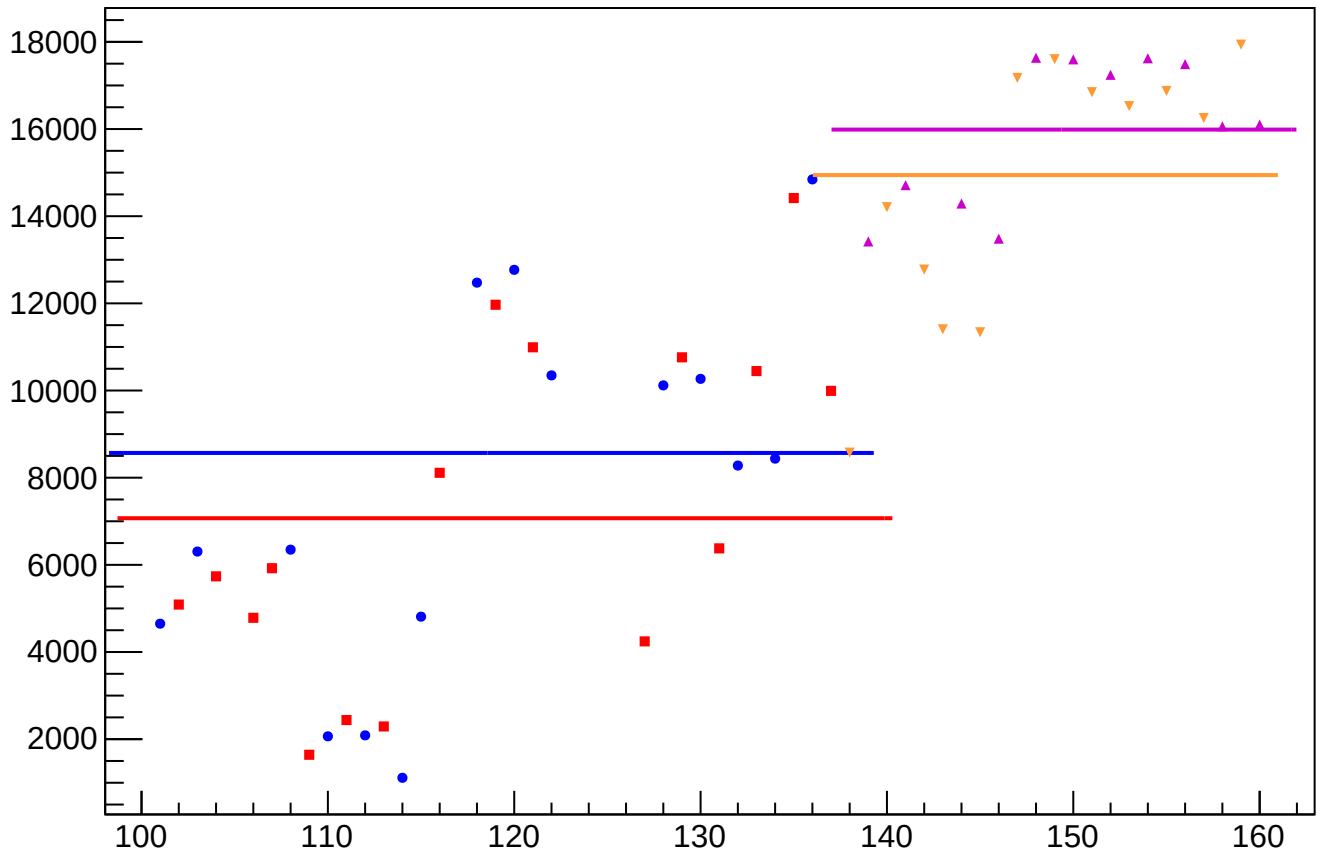
- sign 234.833+/-0.000 χ^2/NDF : 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



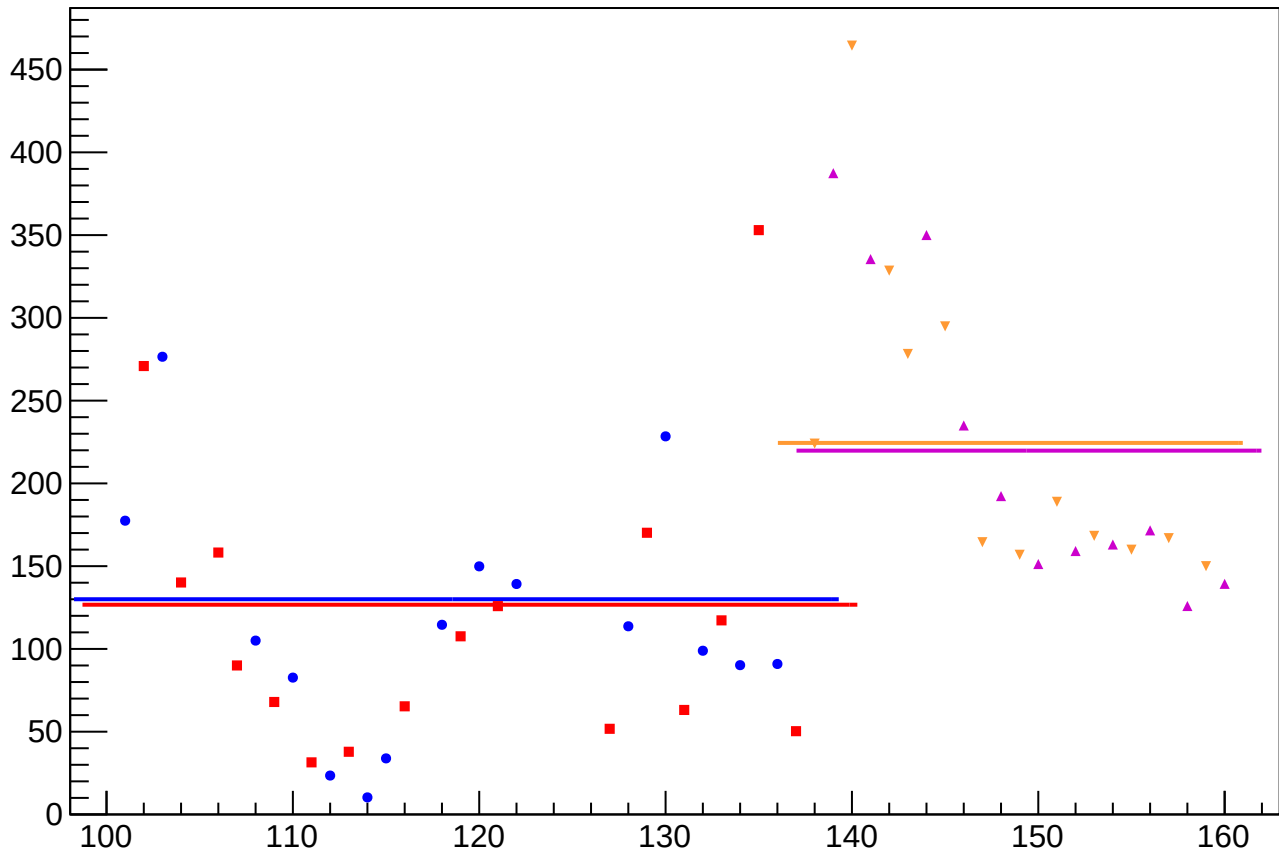
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_sam8_coil1_mean vs Slug



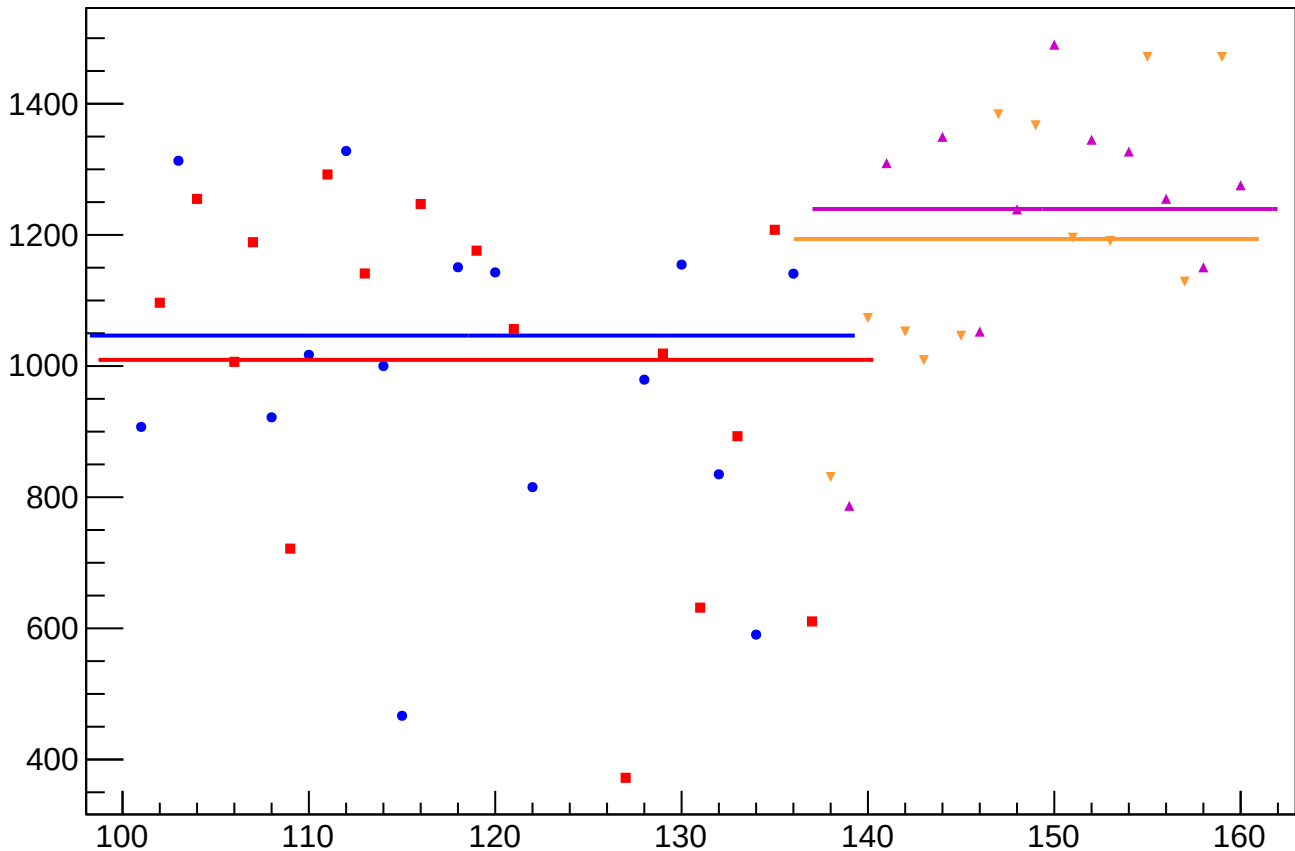
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14943.560+/-0.000 χ^2/NDF : 7900539606524387386359998406585036570624.0/11
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



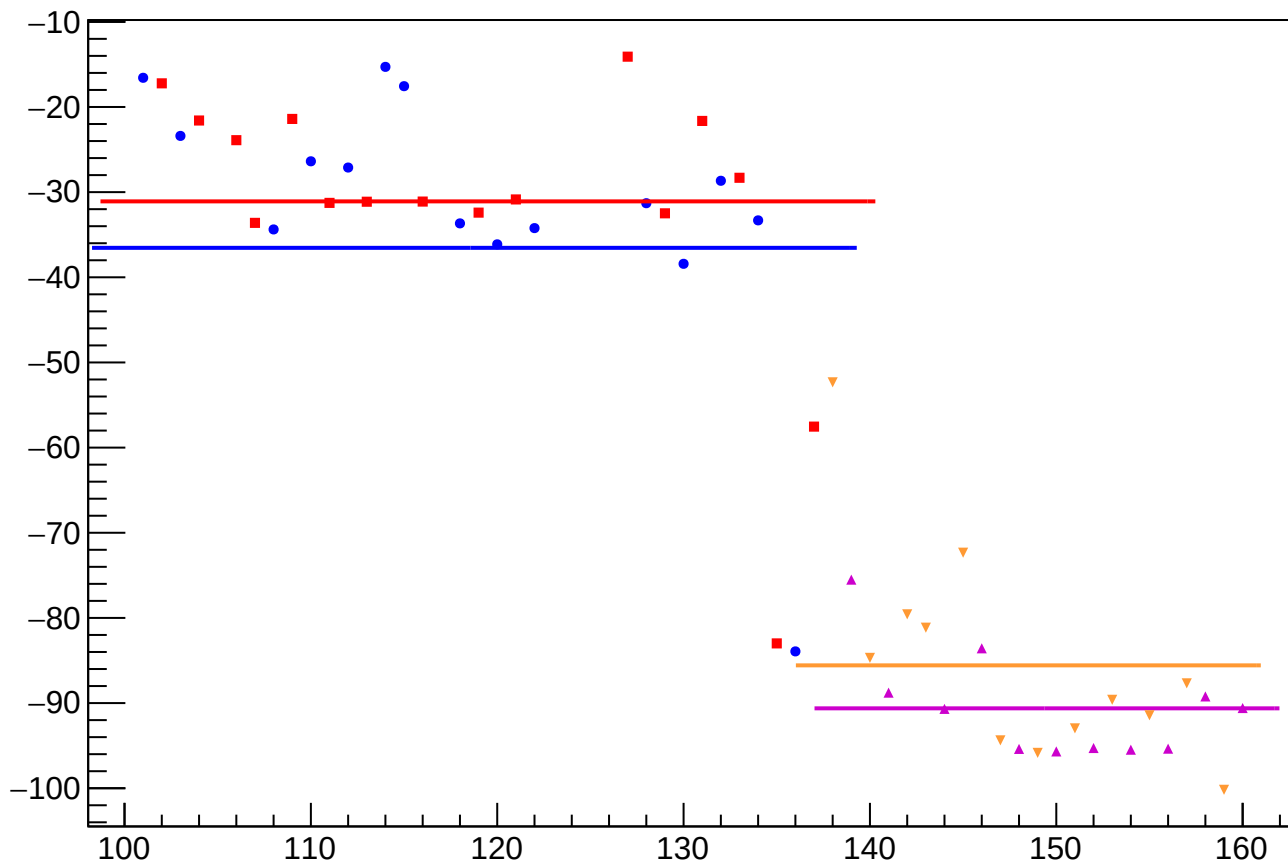
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 224.458+/-0.000 χ^2/NDF : 7870394140048491055430374232164401152.0/11
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 219.787+/-0.000 χ^2/NDF : 7418609629454172879787970620999860224.0/10

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1193.726+/-0.000 χ^2/NDF : 34388618994267285012310712301196935168.0/11
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -85.570+/-0.000 χ^2/NDF : 143557776257547990865591640732467200.0/11

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

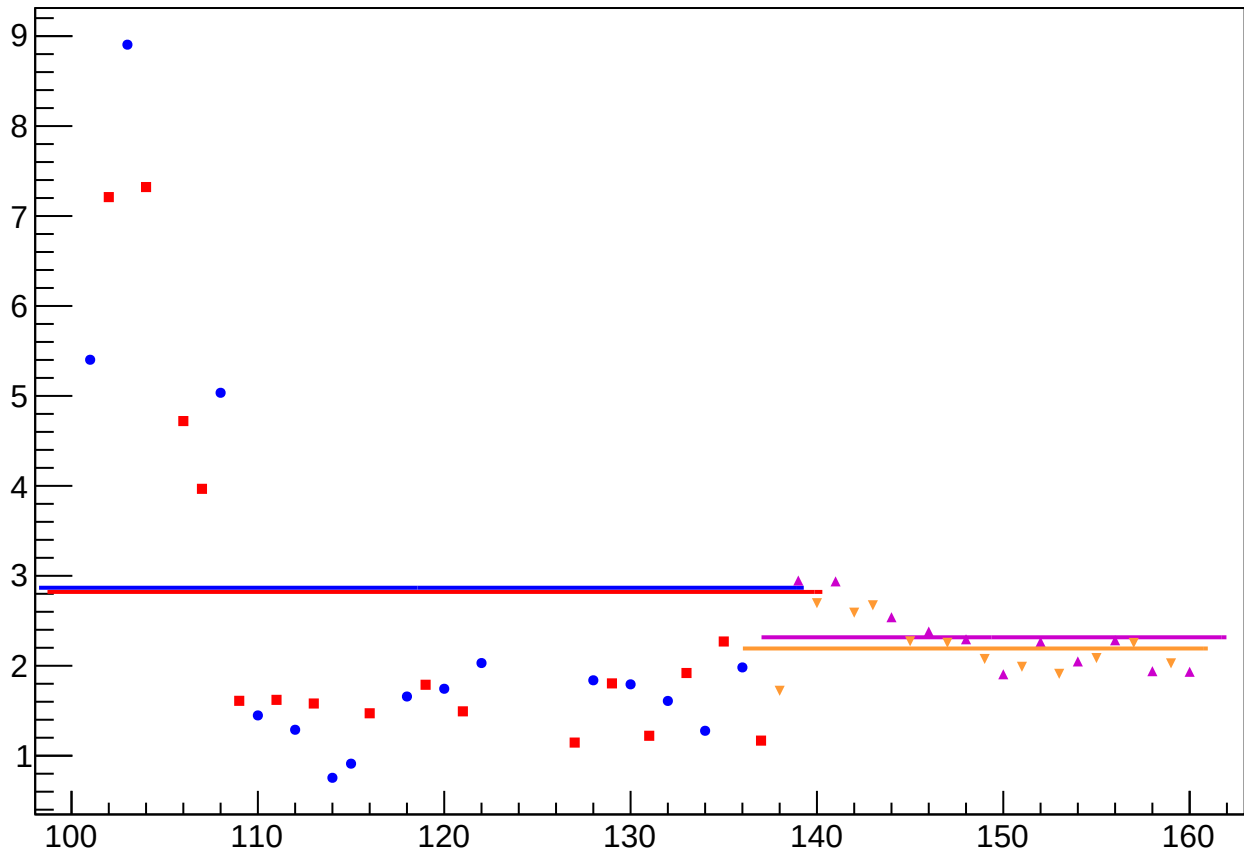
Left In: -90.618+/-0.000 χ^2/NDF : 33089833083626408117297955498622976.0/10

+ sign -65.212+/-0.000 χ^2/NDF : 131026728865009

All: -65.438+/-0.000 χ^2/NDF : 289770508585

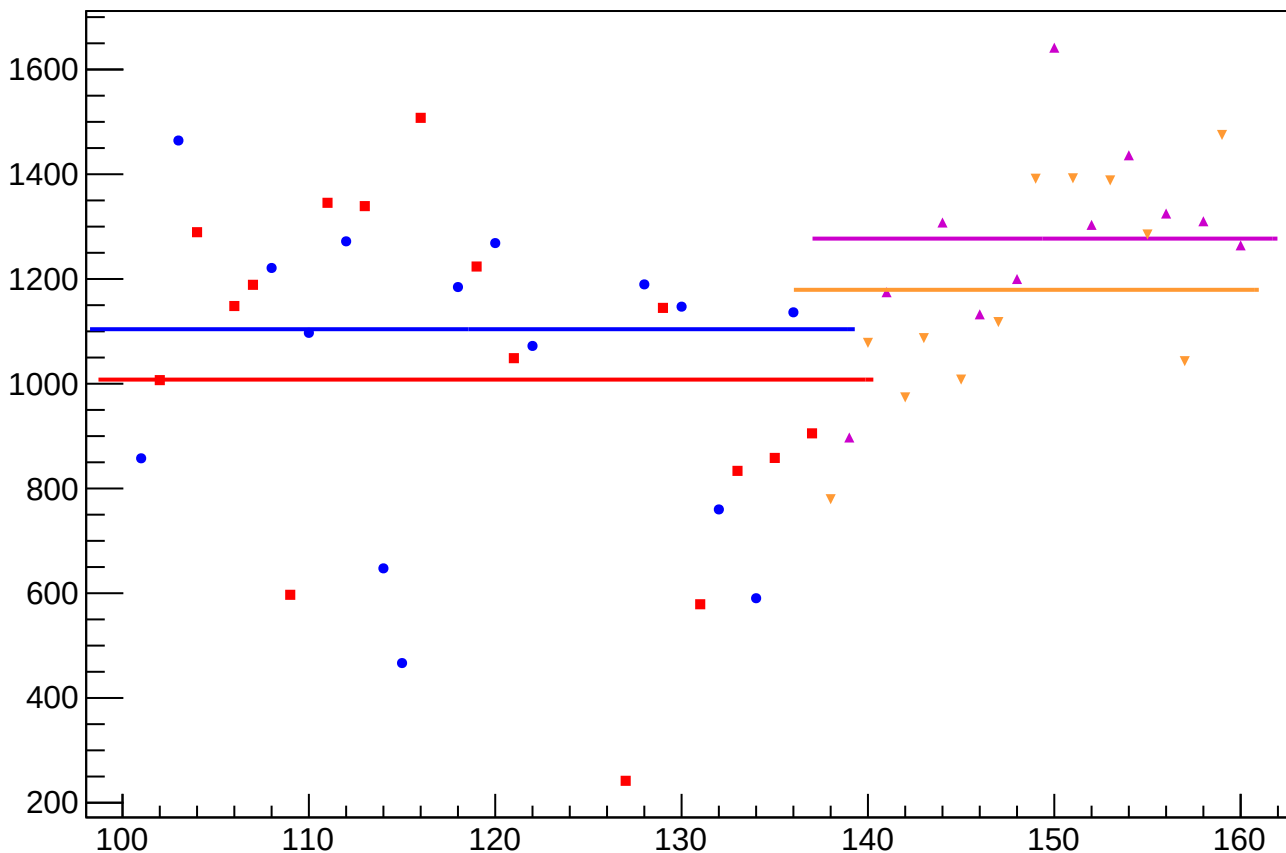
- sign -65.660+/-0.000 χ^2/NDF : 1587279434769043

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.192 +/- 0.000 χ^2/NDF : 76043906789141561084580015898624.0/11
 Right Out: 2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: 2.317 +/- 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

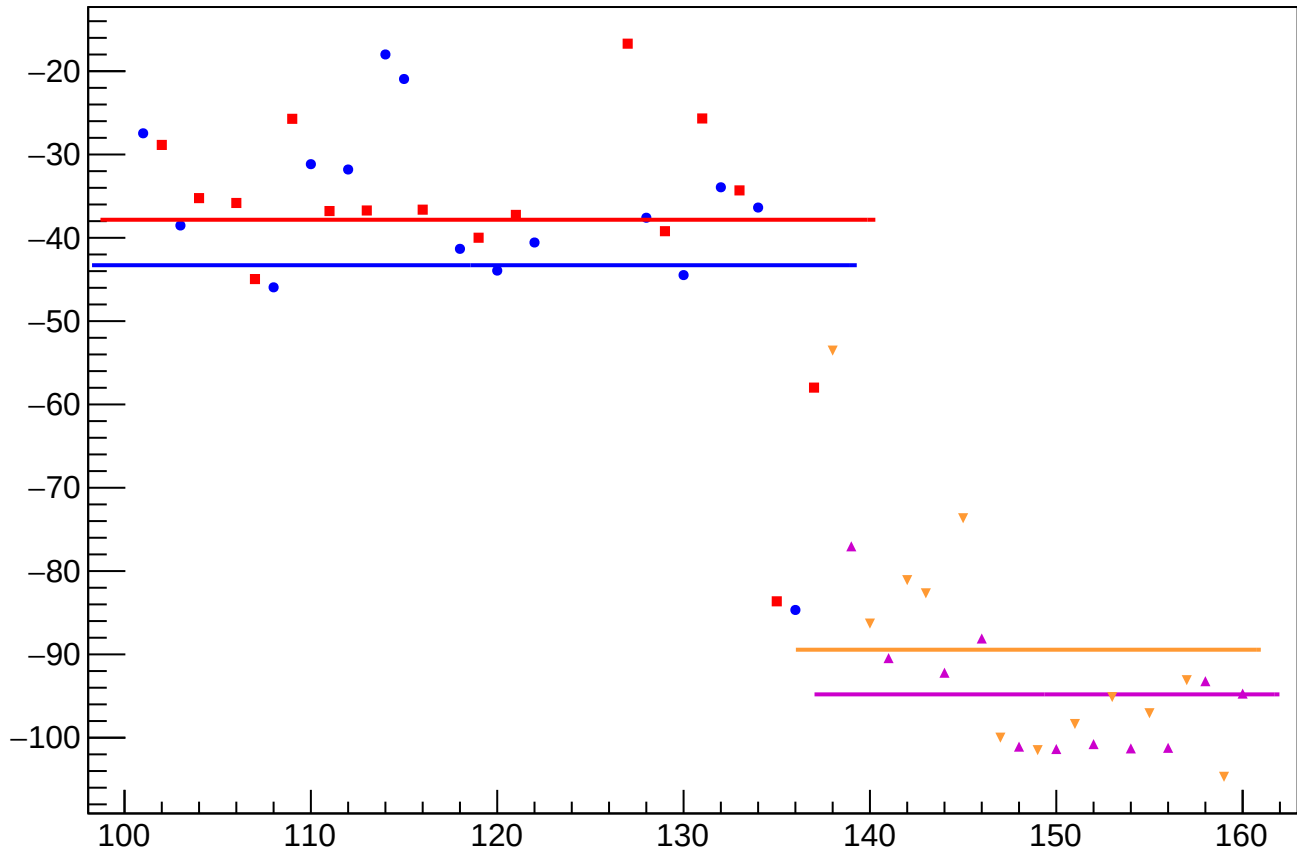
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

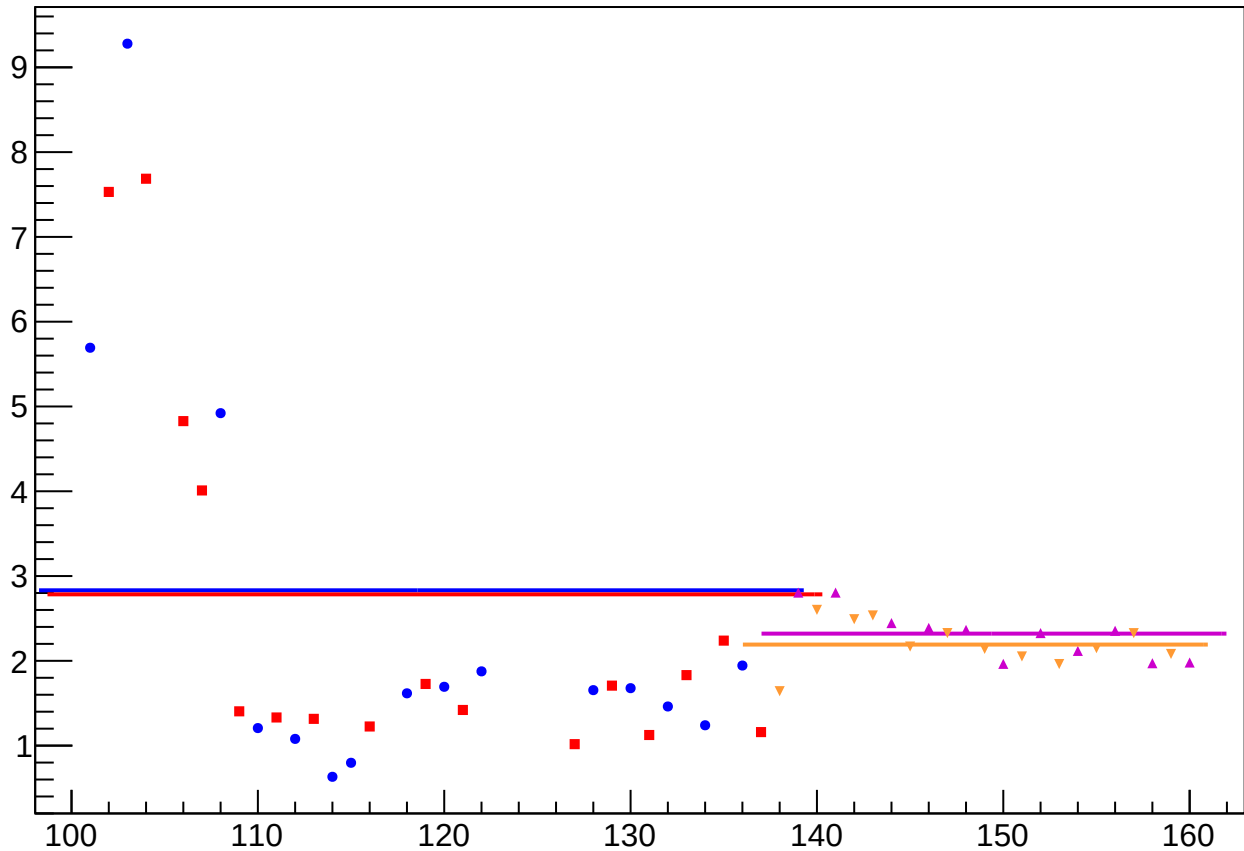
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eX_coil3_mean vs Slug



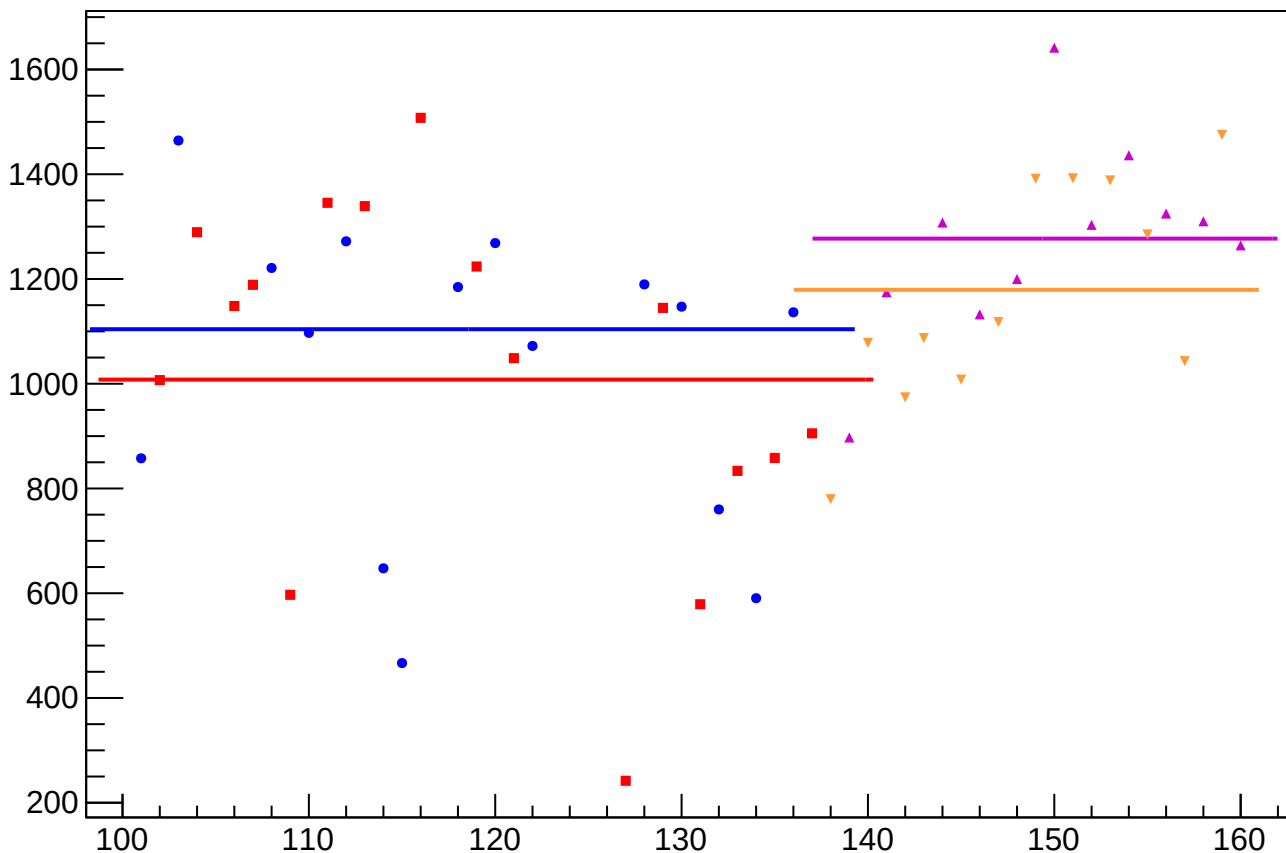
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -89.439+/-0.000 χ^2/NDF : 181119962985690841138788427972476928.0/11
 Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: -94.799+/-0.000 χ^2/NDF : 49077050032611006982156968074936320.0/10

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.192 ± 0.000 χ^2/NDF : 59601559247415008947816525463552.0/11
 Right Out: 2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.321 ± 0.000 χ^2/NDF : 74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

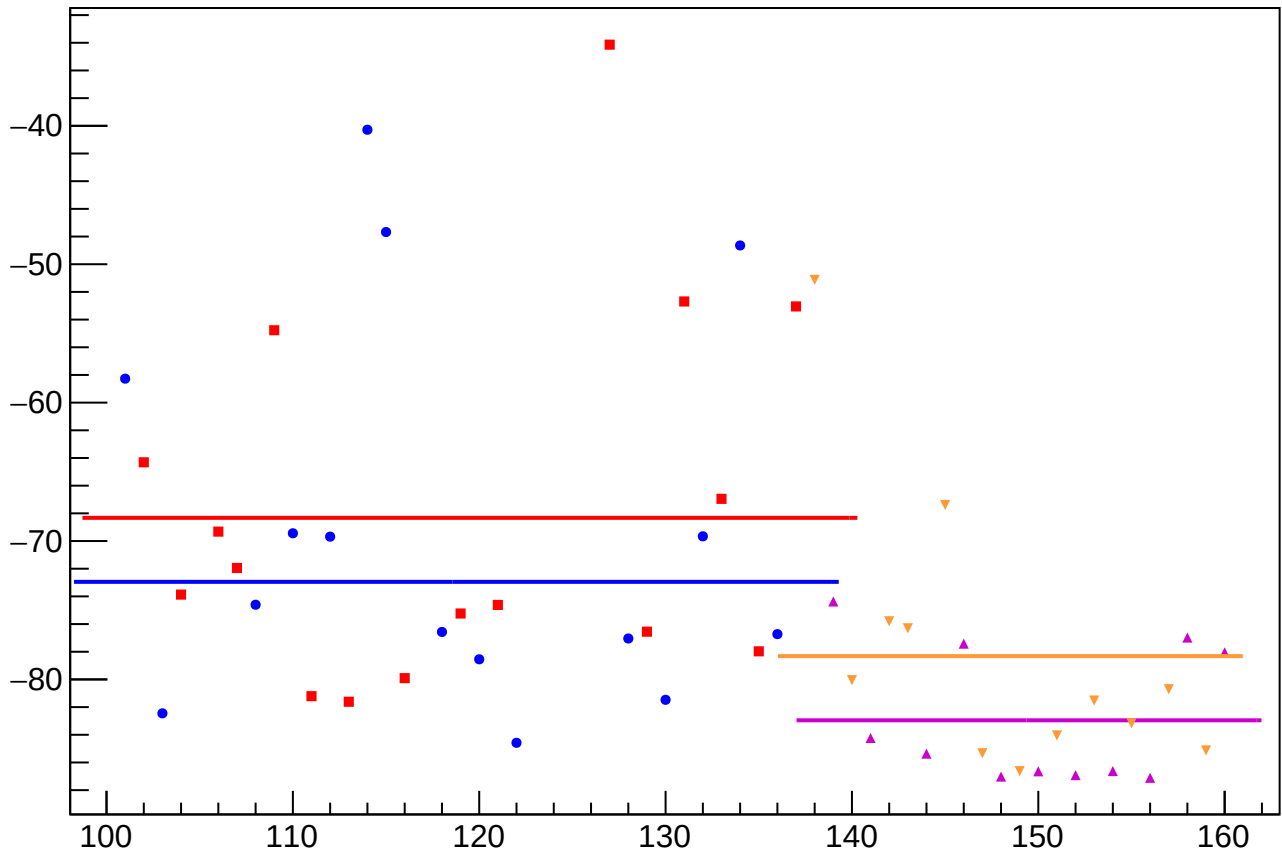
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

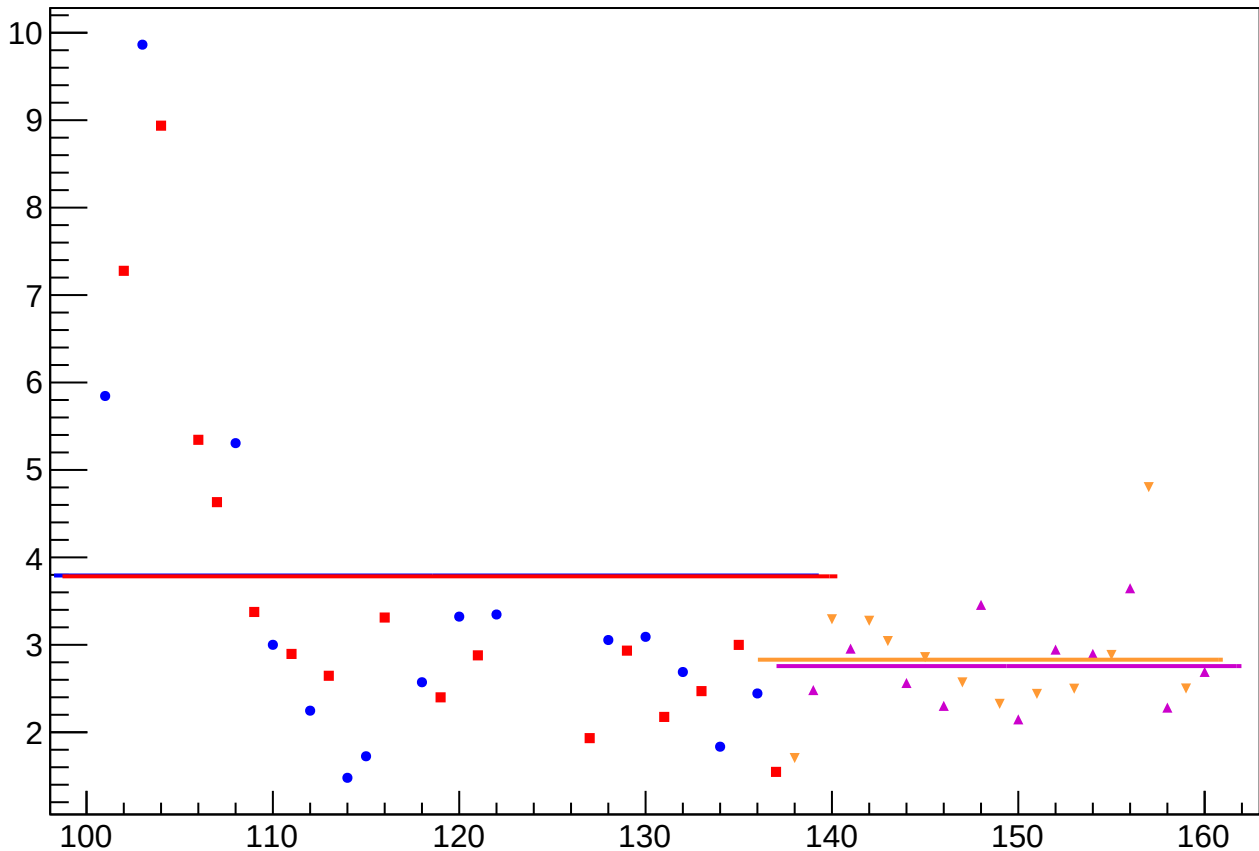
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_11X12X_coil3_mean vs Slug



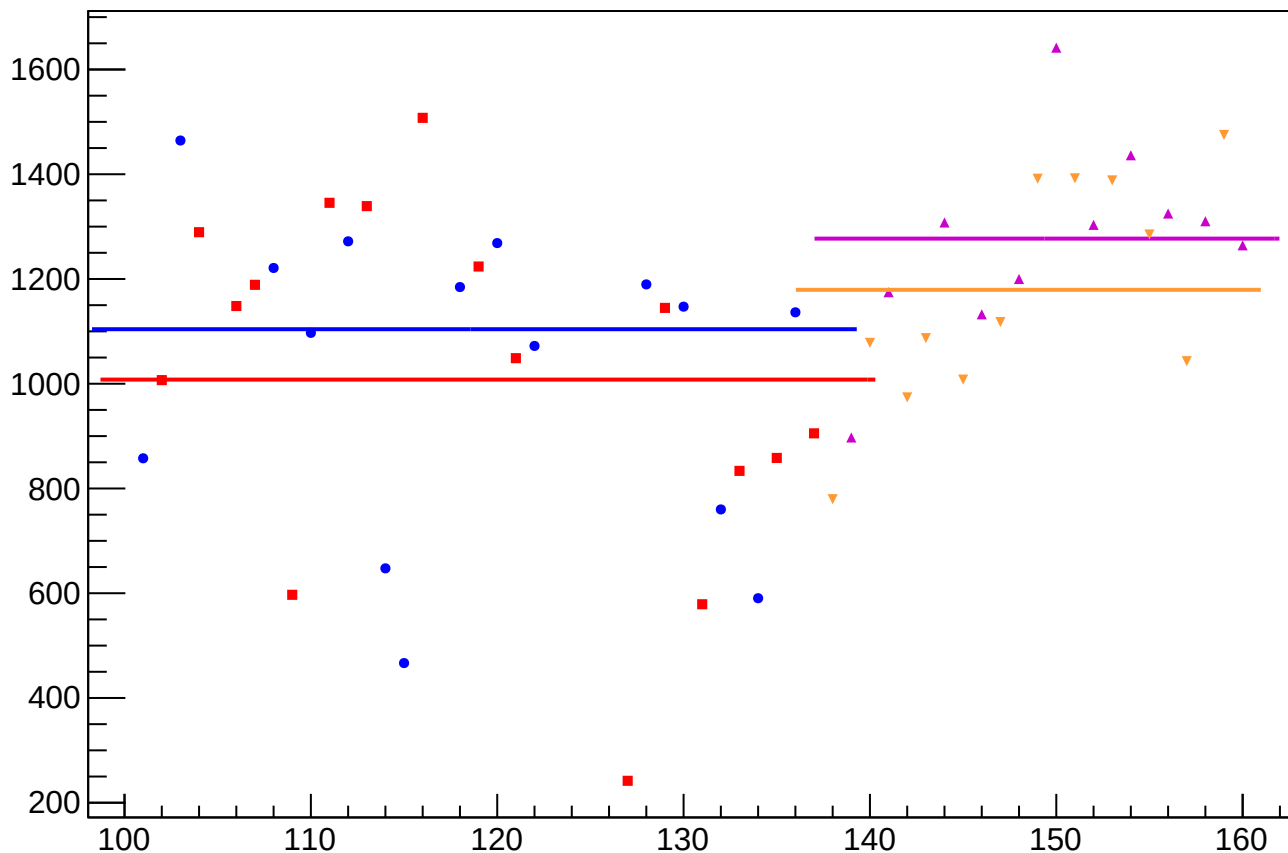
Right In: -72.949 ± 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -78.317 ± 0.000 χ^2/NDF : 86858932587671188594087415160766464.0/11
 Right Out: -68.324 ± 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: -82.954 ± 0.000 χ^2/NDF : 20419157774877297849205303170564096.0/10

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.830+/-0.000 χ^2/NDF : 492749026028838907947829621161984.0/11
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.757+/-0.000 χ^2/NDF : 191720746547732306226054042746880.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

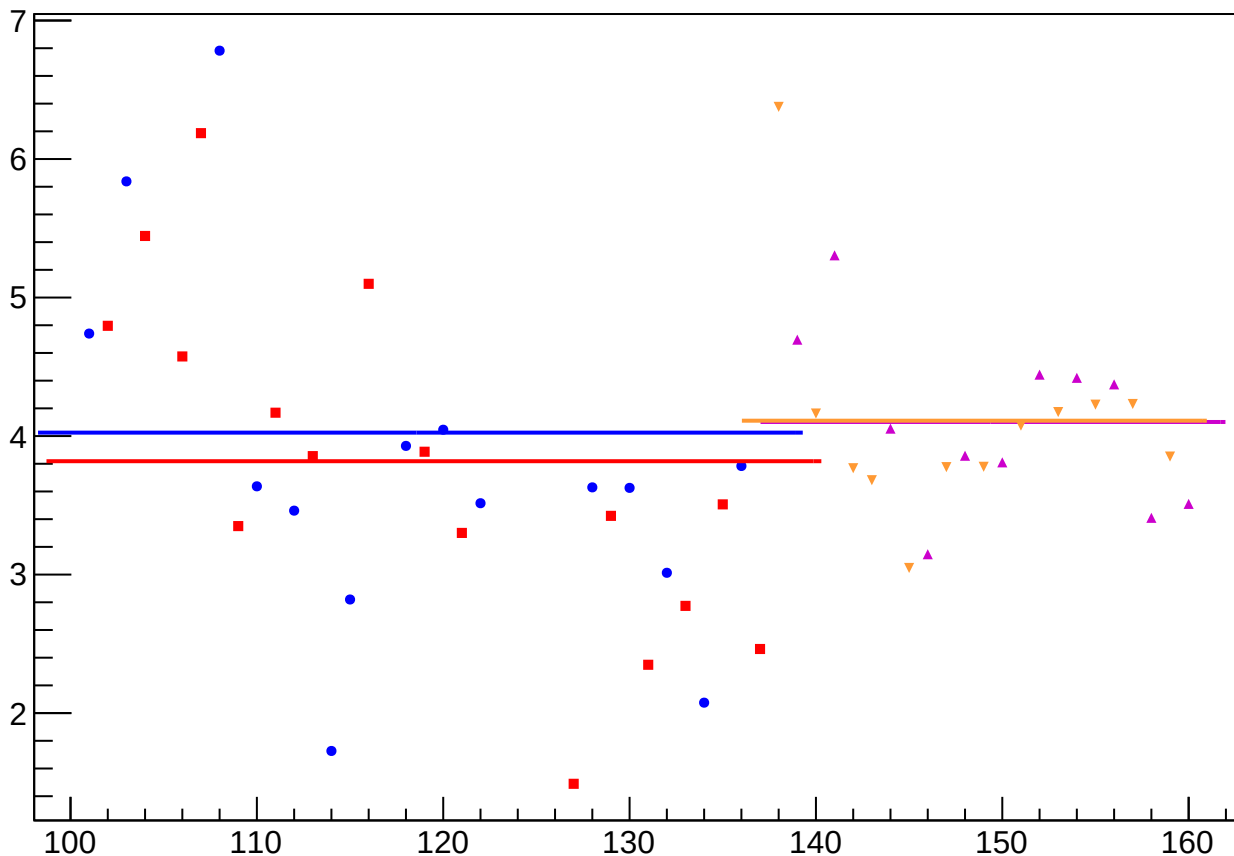
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.111+/-0.000 χ^2/NDF : 532620096510613693690902891986944.0/11

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

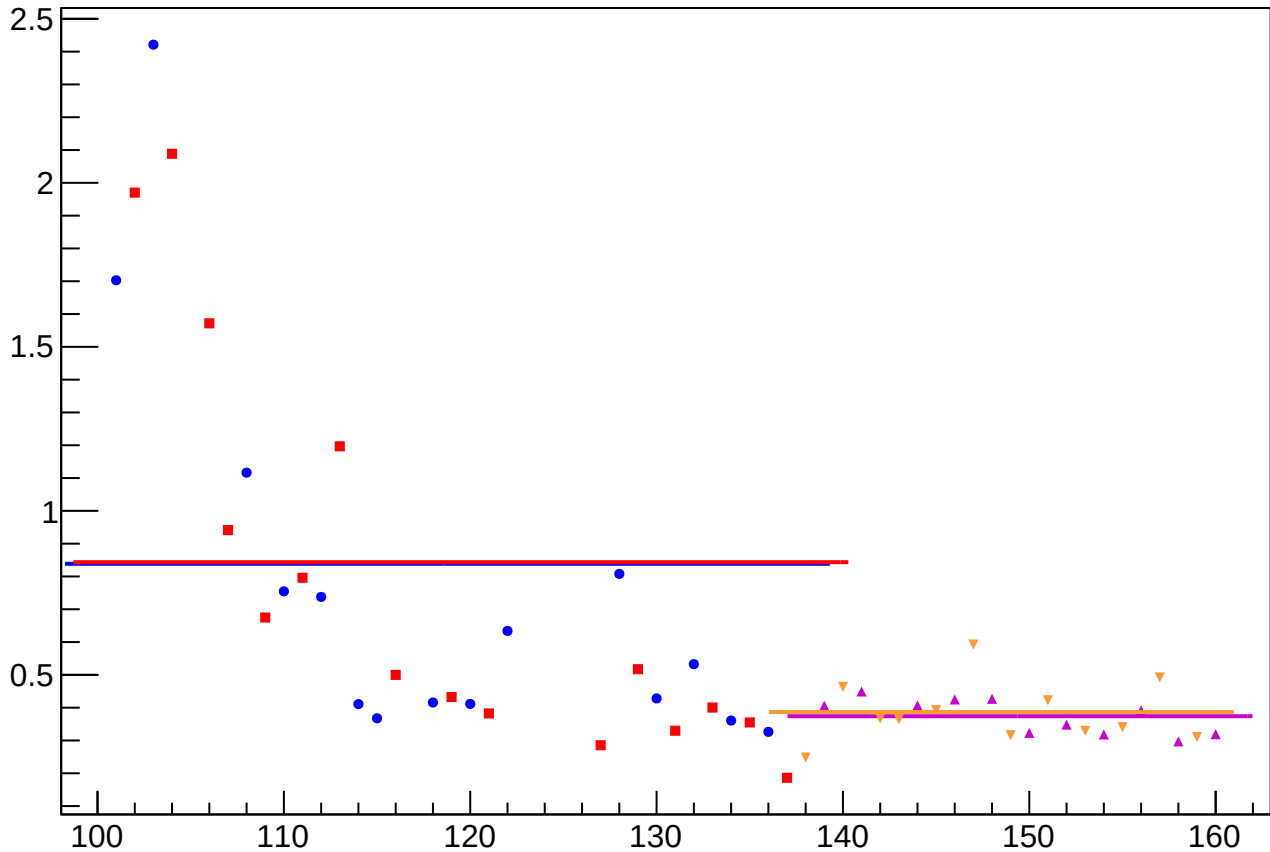
Left In: 4.102+/-0.000 χ^2/NDF : 329978343606173709019066465779712.0/10

+ sign 4.075+/-0.000 χ^2/NDF : 13044380384615704

All: 4.029+/-0.000 χ^2/NDF : 2560414246886

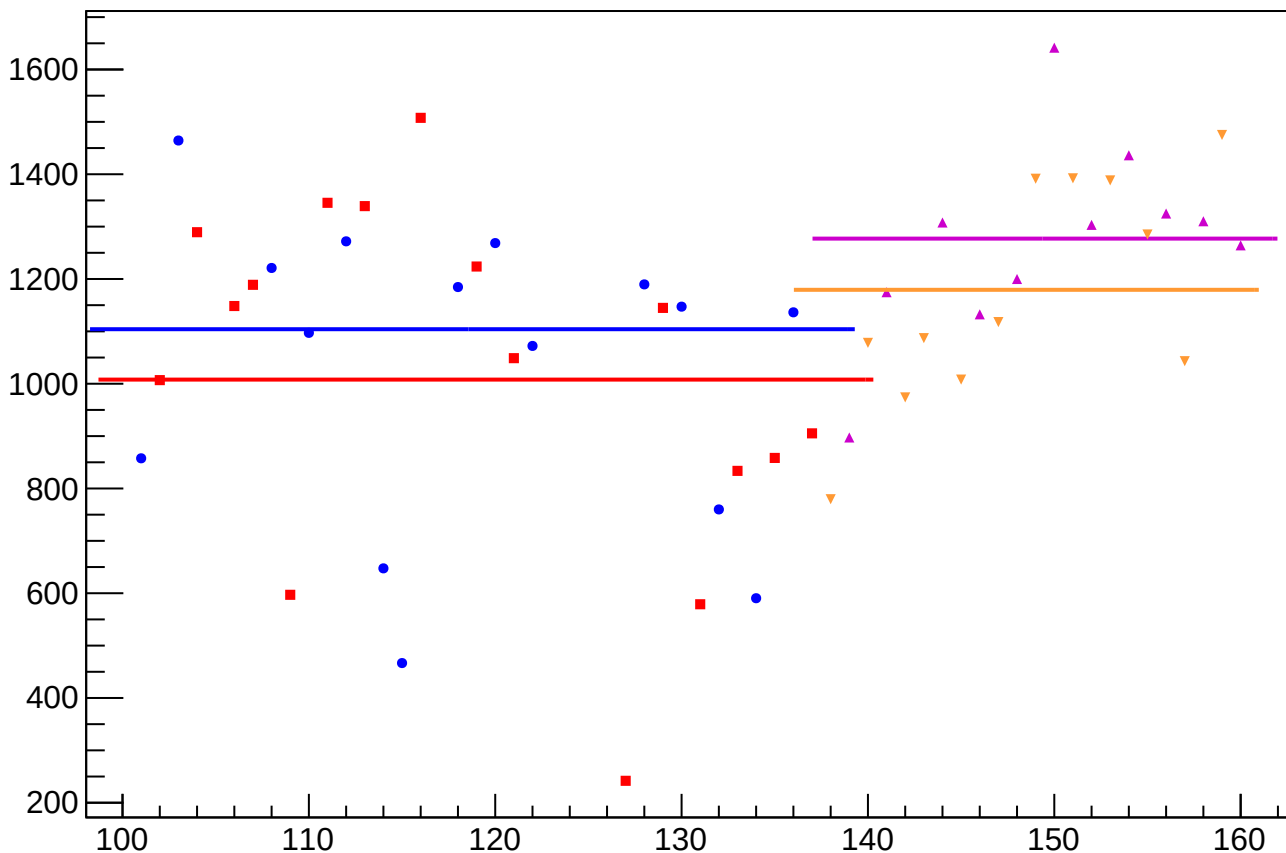
- sign 3.983+/-0.000 χ^2/NDF : 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.387 ± 0.000 χ^2/NDF : 7656532010606705303389852401664.0/11
 Right Out: 0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.374 ± 0.000 χ^2/NDF : 2408191855928929204652403064832.0/10

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

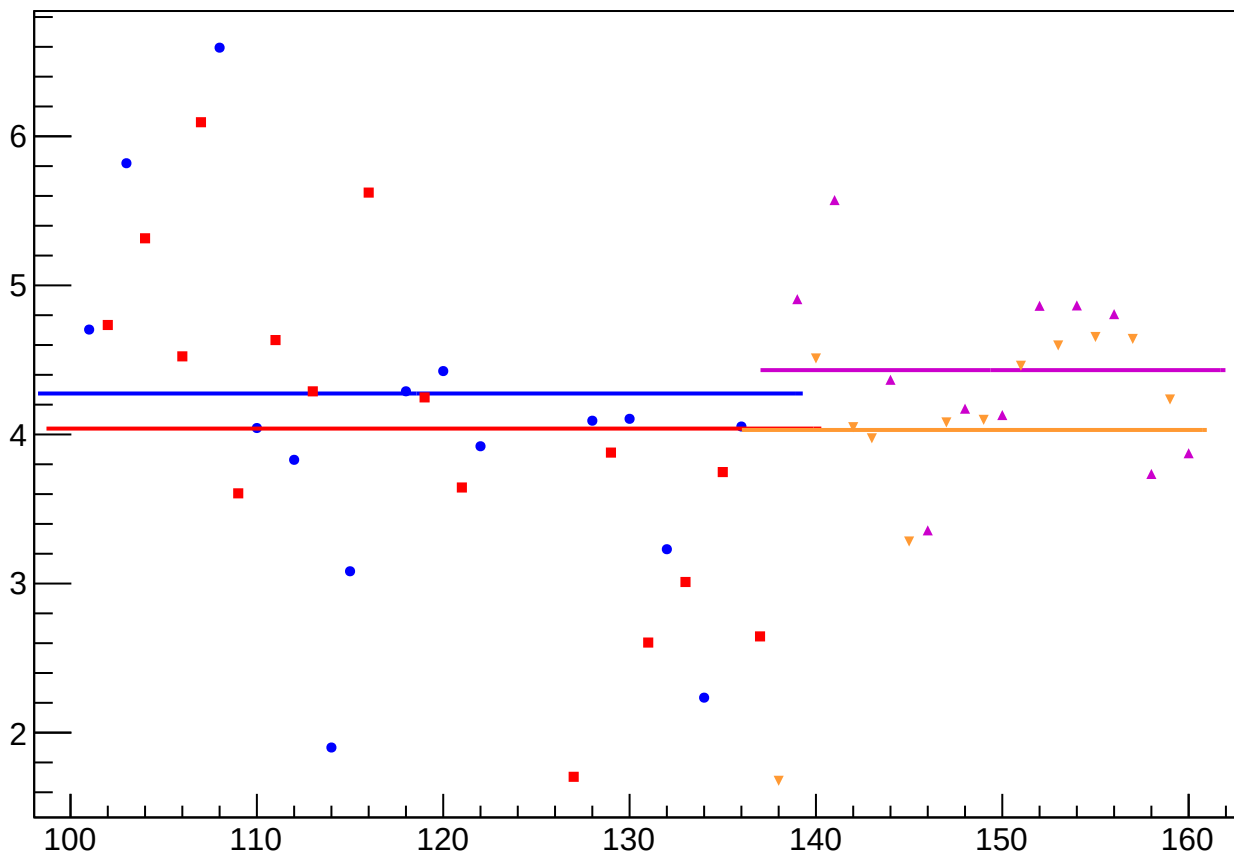
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 4.039+/-0.000 χ^2/NDF : 600797720921367466879695481470976.0/11

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

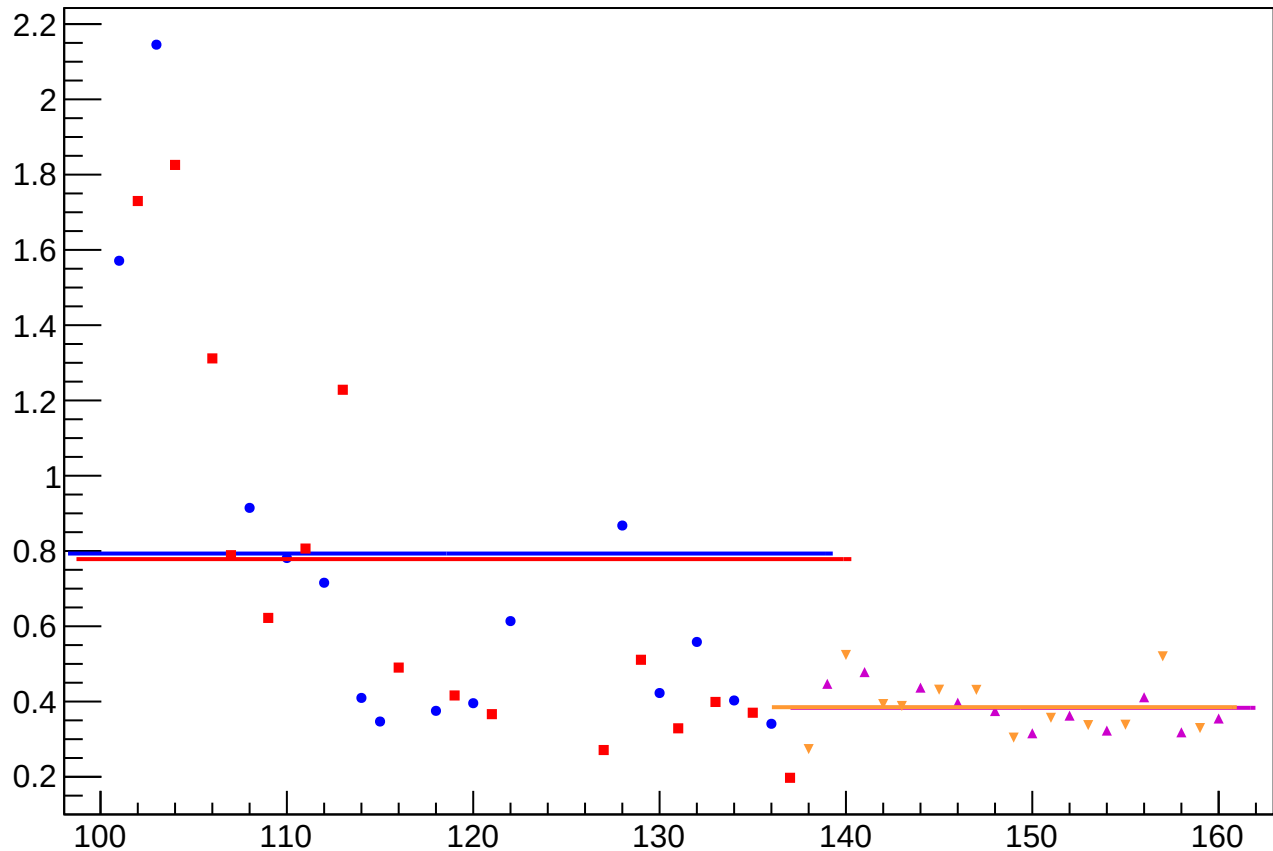
Left In: 4.432+/-0.000 χ^2/NDF : 345602703191245770554210363899904.0/10

+ sign 4.132+/-0.000 χ^2/NDF : 12206851457134436

All: 4.200+/-0.000 χ^2/NDF : 24126758137667

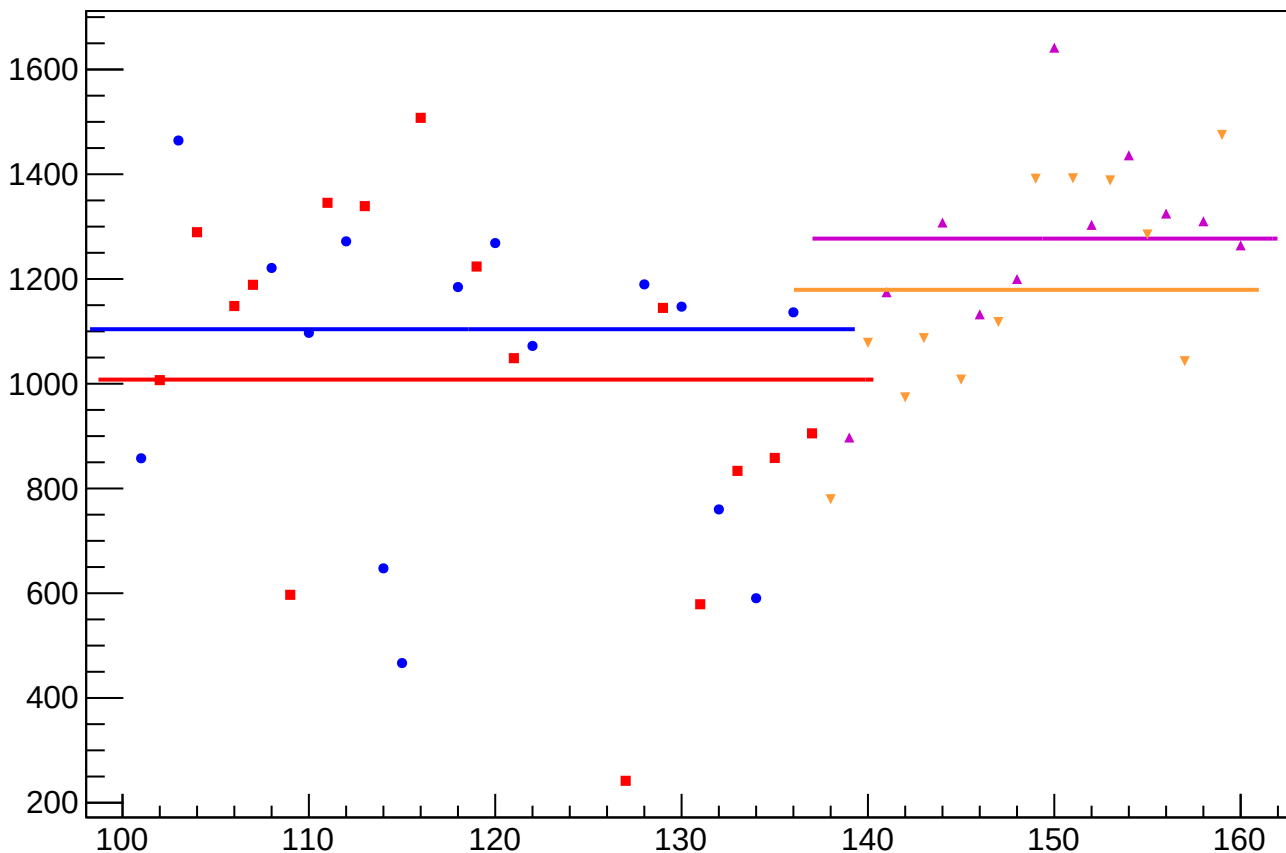
- sign 4.267+/-0.000 χ^2/NDF : 11775319216859441

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 $\pm$ 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.385 $\pm$ 0.000 χ^2/NDF : 5547784180240414411423653822464.0/11
 Right Out: 0.778 $\pm$ 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.383 $\pm$ 0.000 χ^2/NDF : 2618375268437967875049691021312.0/10

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

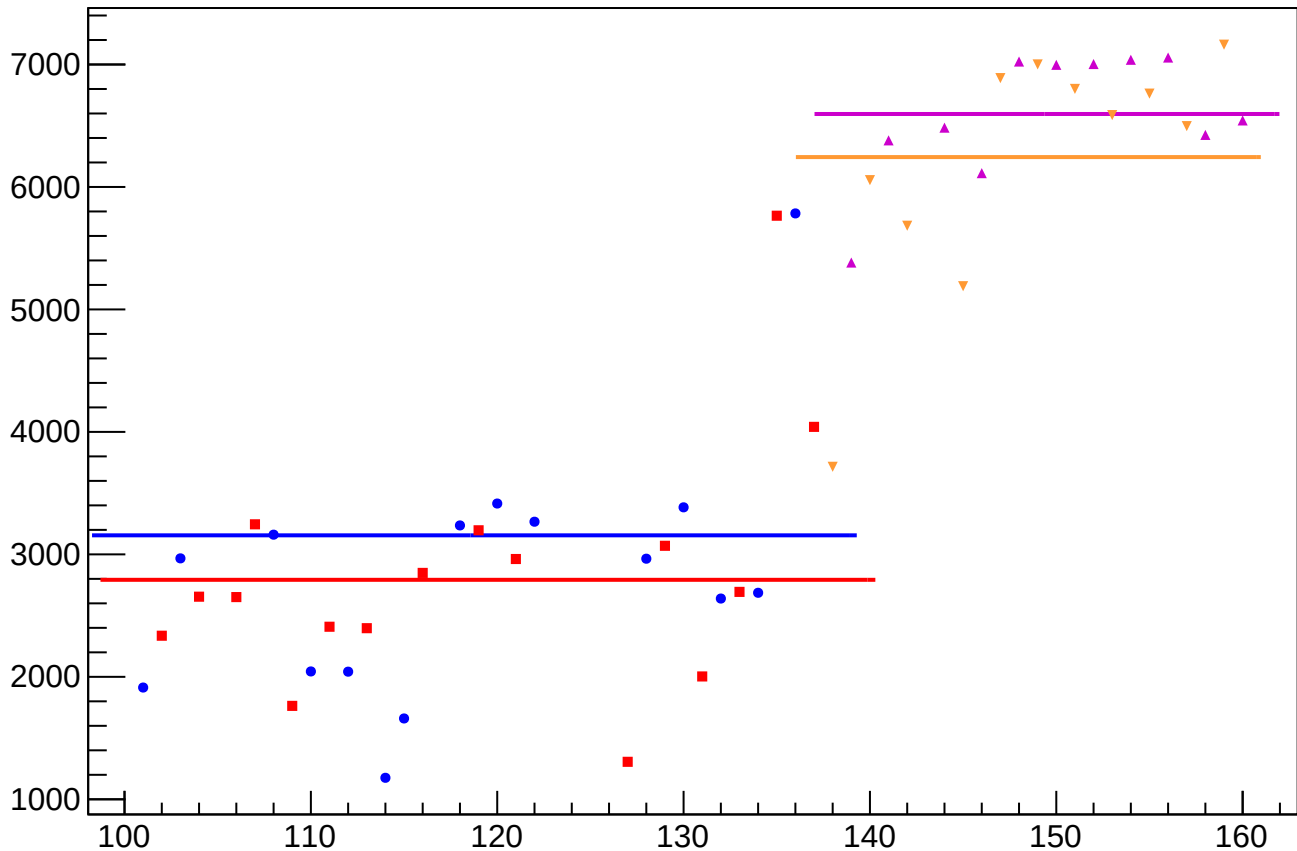
Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

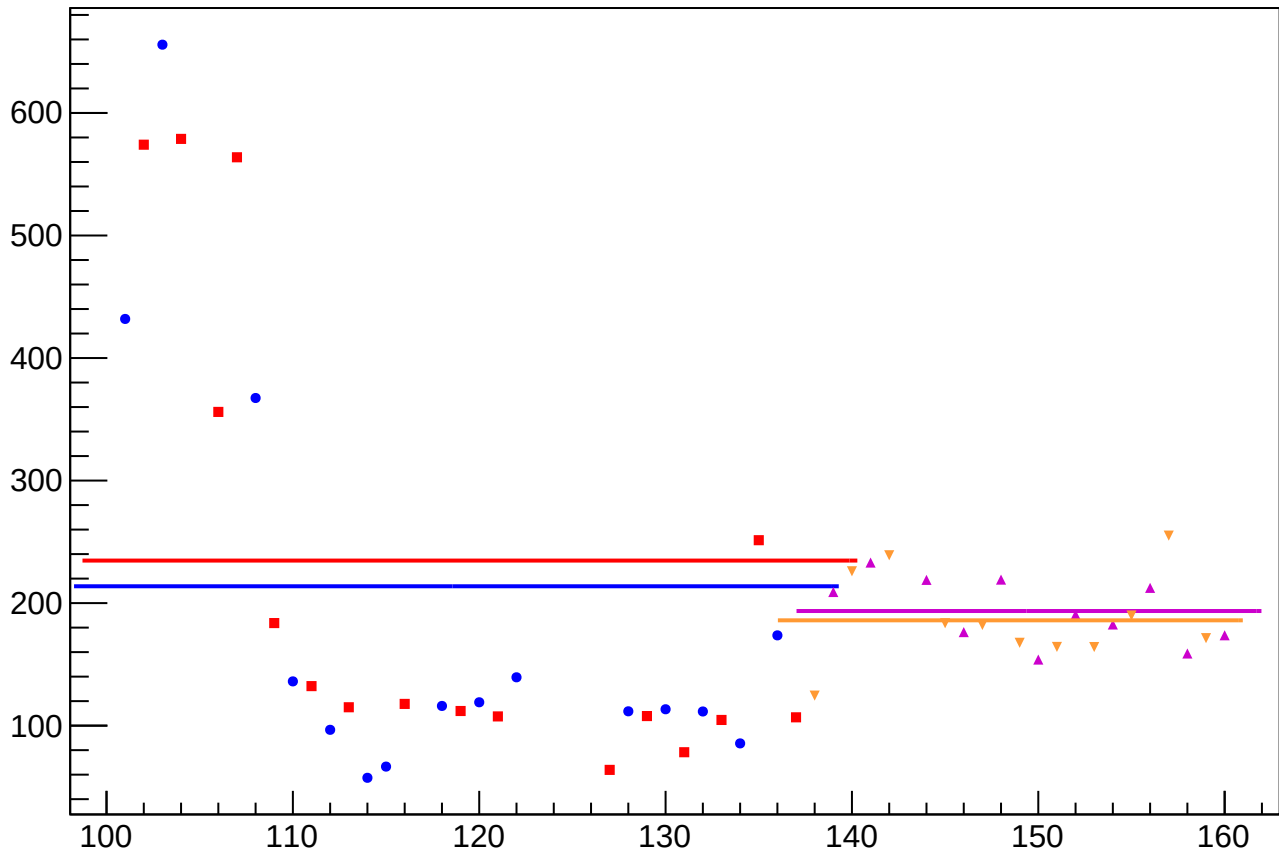
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

dit_usl_coil3_mean vs Slug



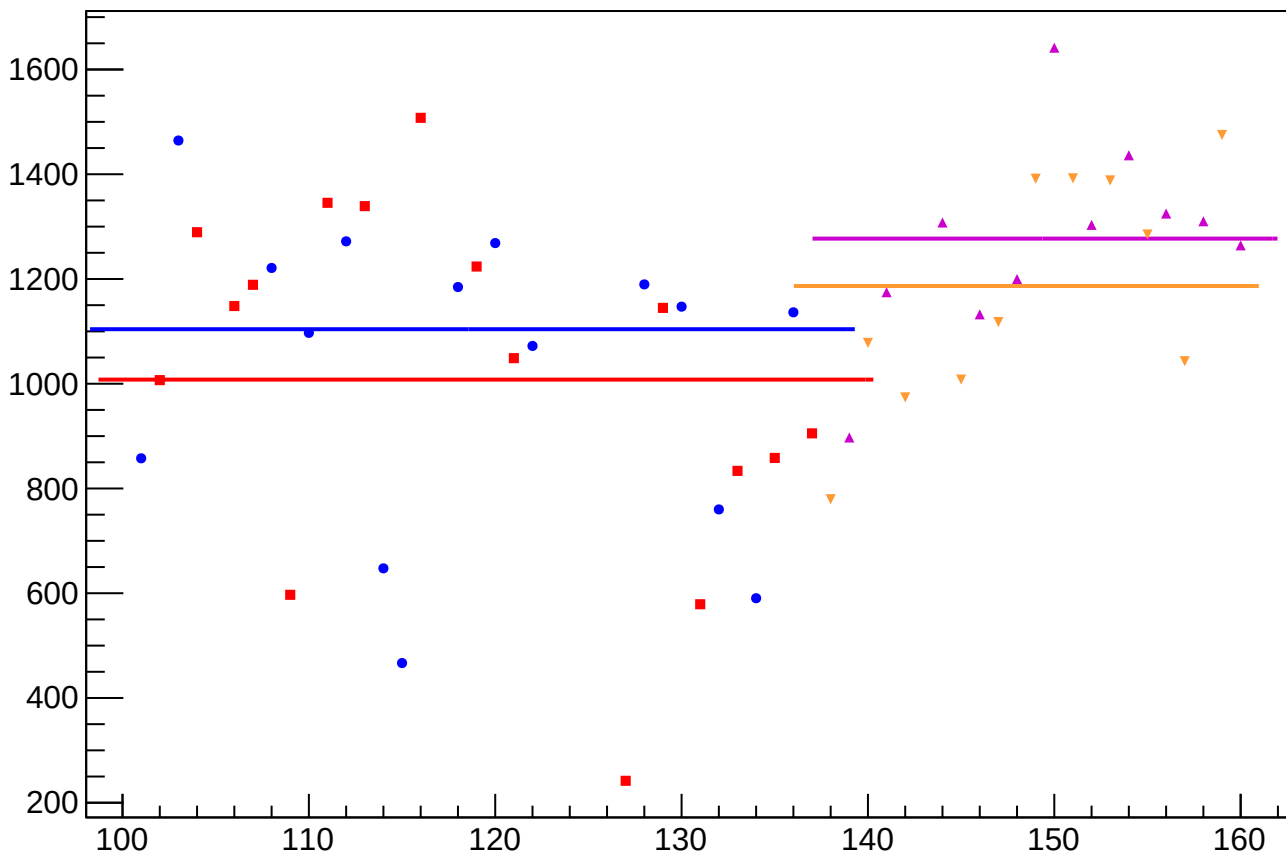
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6243.976+/-0.000 χ^2/NDF : 811230786168378302780139165688711348224.0/10
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6595.861+/-0.000 χ^2/NDF : 225164805715400368671043826745864093696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739 $\pm$ 0.000 χ^2 /NDF: 19718138109054002114361149860507287552.0/14
 Left Out: 185.948 $\pm$ 0.000 χ^2 /NDF: 1057706607595767583587974846640816128.0/10
 Right Out: 234.712 $\pm$ 0.000 χ^2 /NDF: 24013134107167214895189050481067425792.0/15
 Left In: 193.543 $\pm$ 0.000 χ^2 /NDF: 598931150644293332680217057881489408.0/10

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF : 38127290182419373090636614603236179968.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

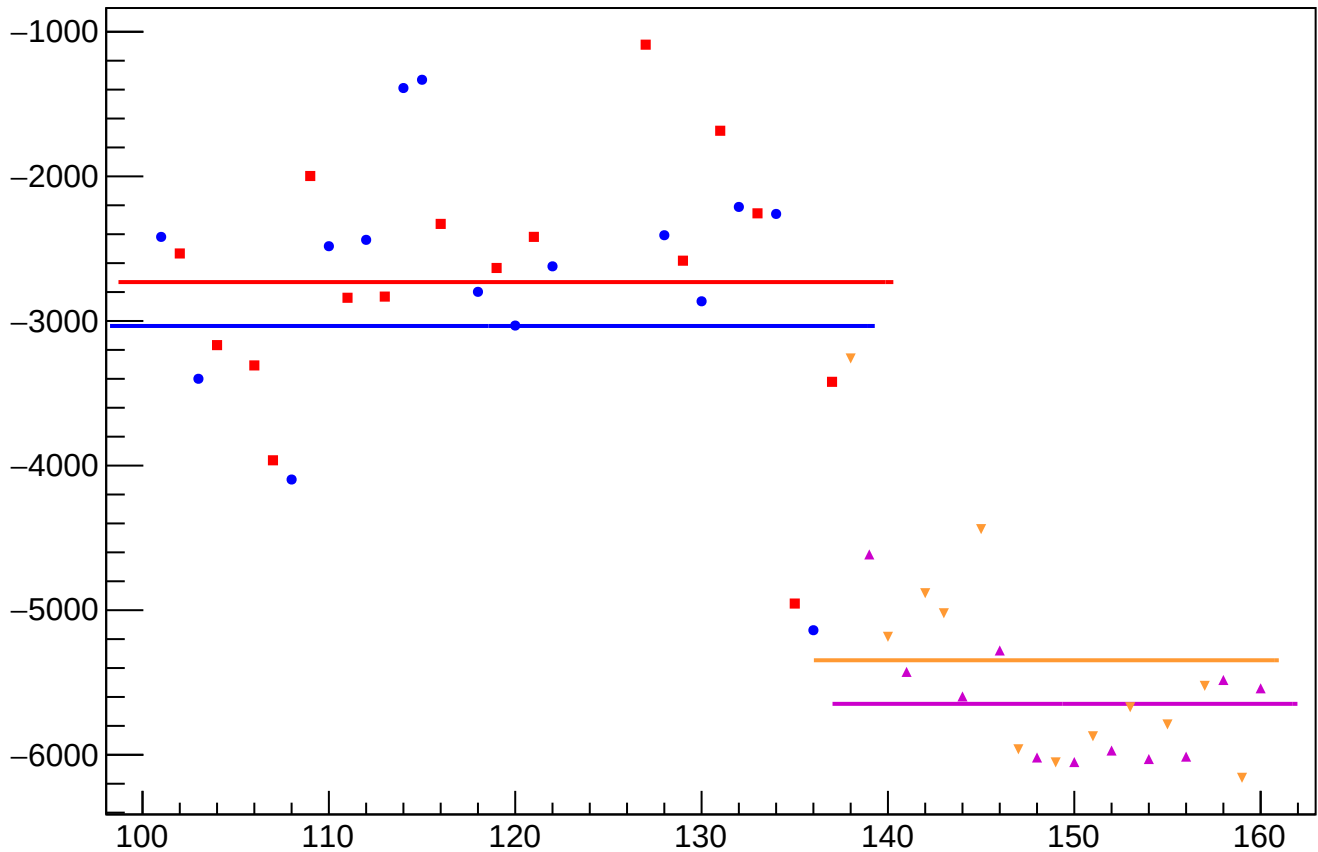
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1150.834+/-0.000 χ^2/NDF : 73367548377833

All: 1157.745+/-0.000 χ^2/NDF : 20023337148

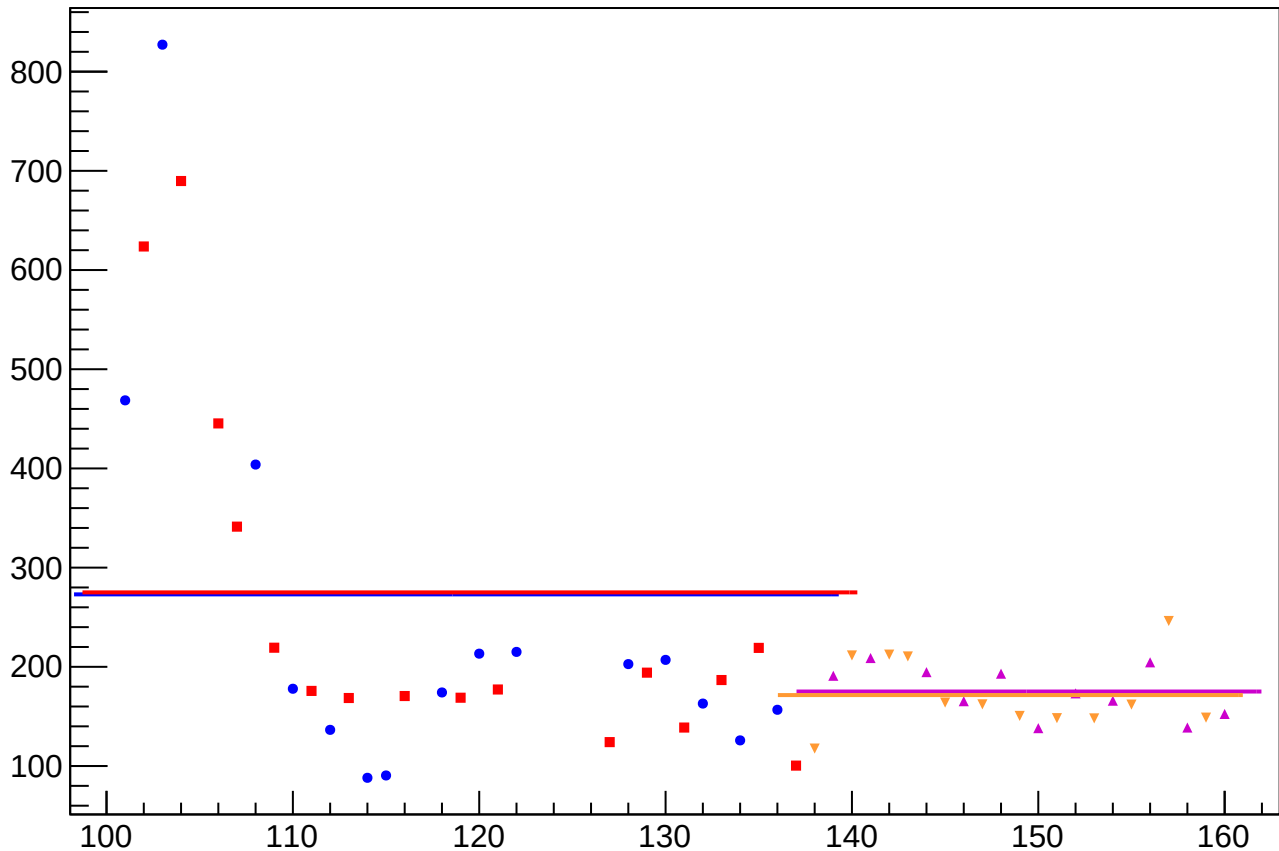
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_usr_coil3_mean vs Slug



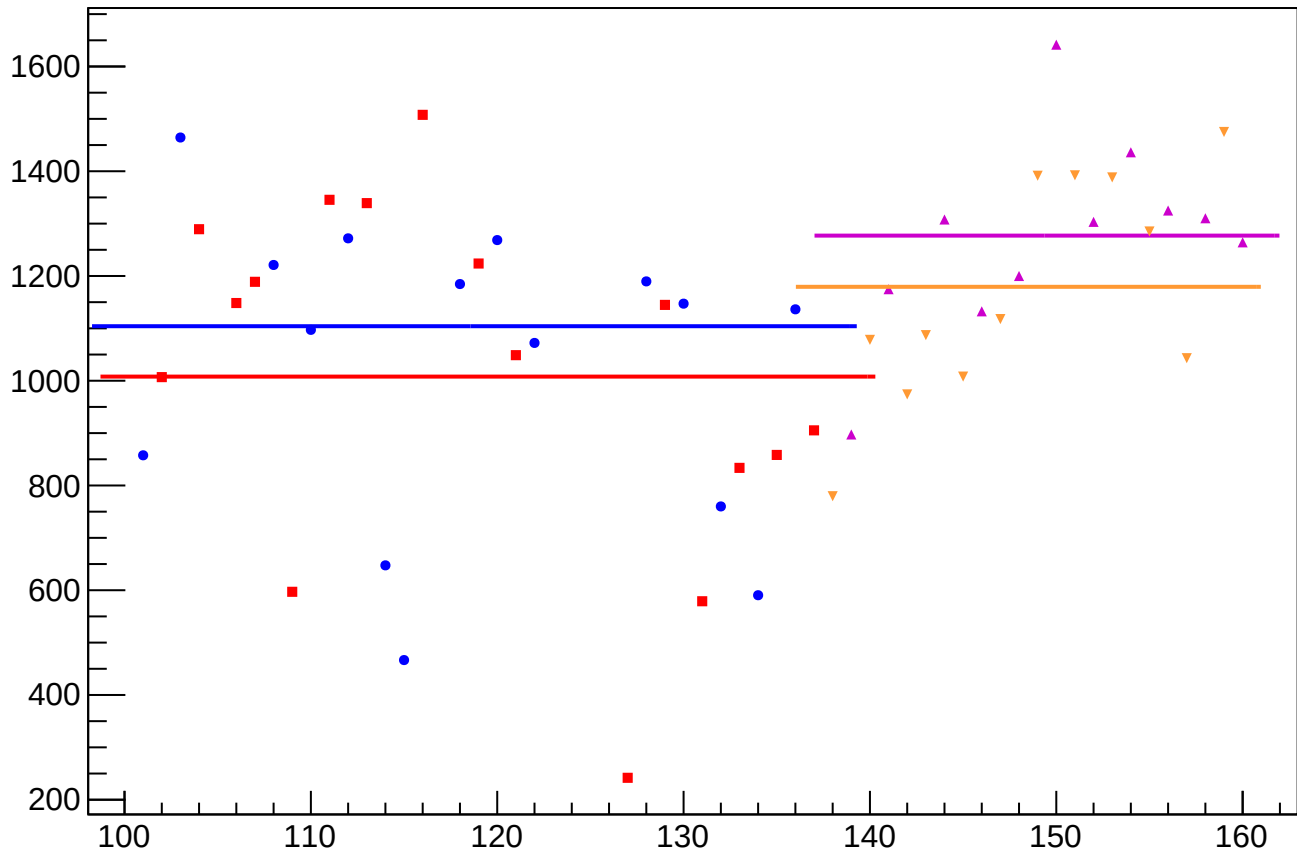
Right In: -3034.527 $\pm$ 0.000 χ^2 /NDF: 630694553353463868547335175090919702528.0/14
 Left Out: -5346.287 $\pm$ 0.000 χ^2 /NDF: 595830455774800553383002095782337708032.0/11
 Right Out: -2731.035 $\pm$ 0.000 χ^2 /NDF: 528290847703567991555694629239211950080.0/15
 Left In: -5647.632 $\pm$ 0.000 χ^2 /NDF: 164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 171.517+/-0.000 χ^2/NDF : 1162204446124418452265763444206075904.0/11
 Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: 175.100+/-0.000 χ^2/NDF : 532319905760316522814470909096624128.0/10

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

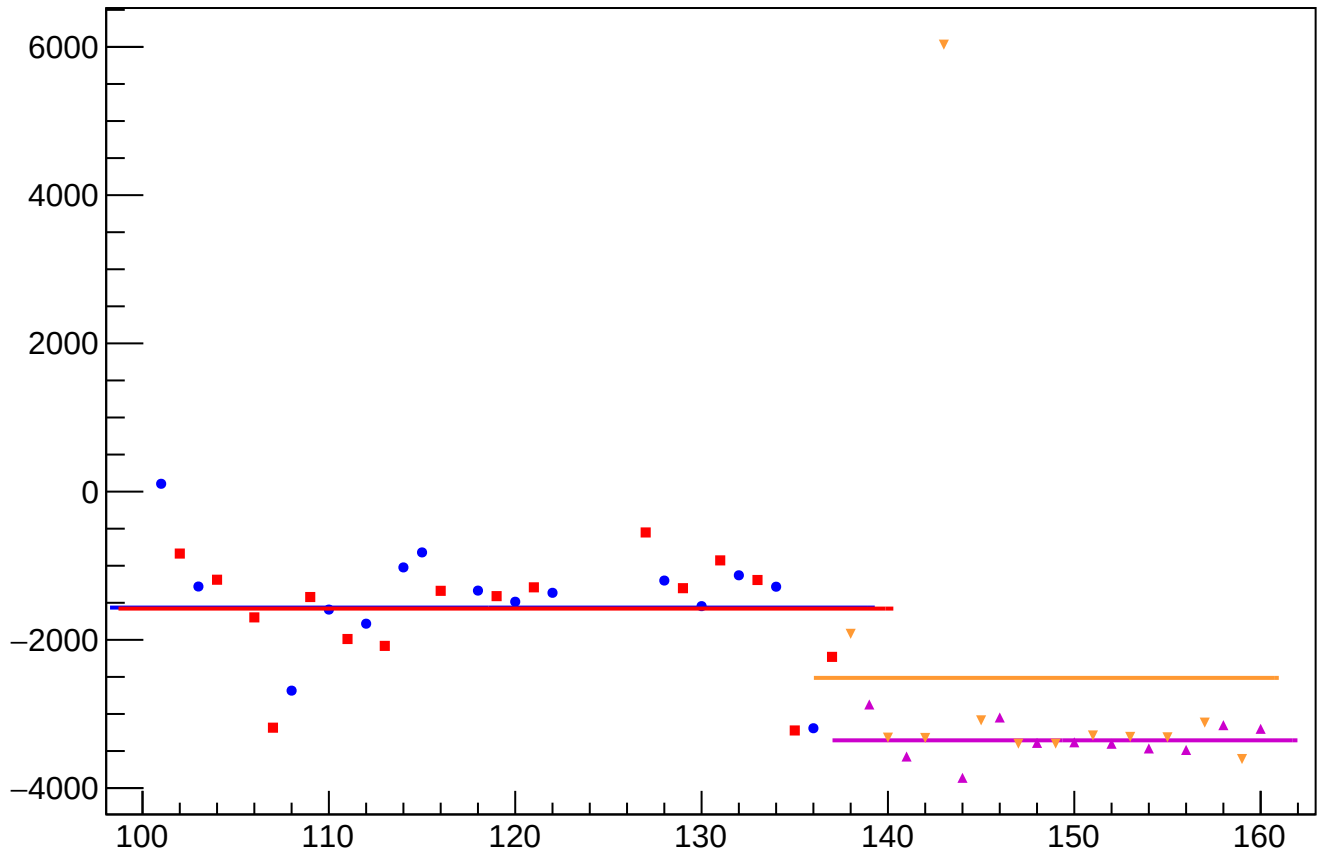
All: 1156.244+/-0.000 χ^2/NDF : 20056102034

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

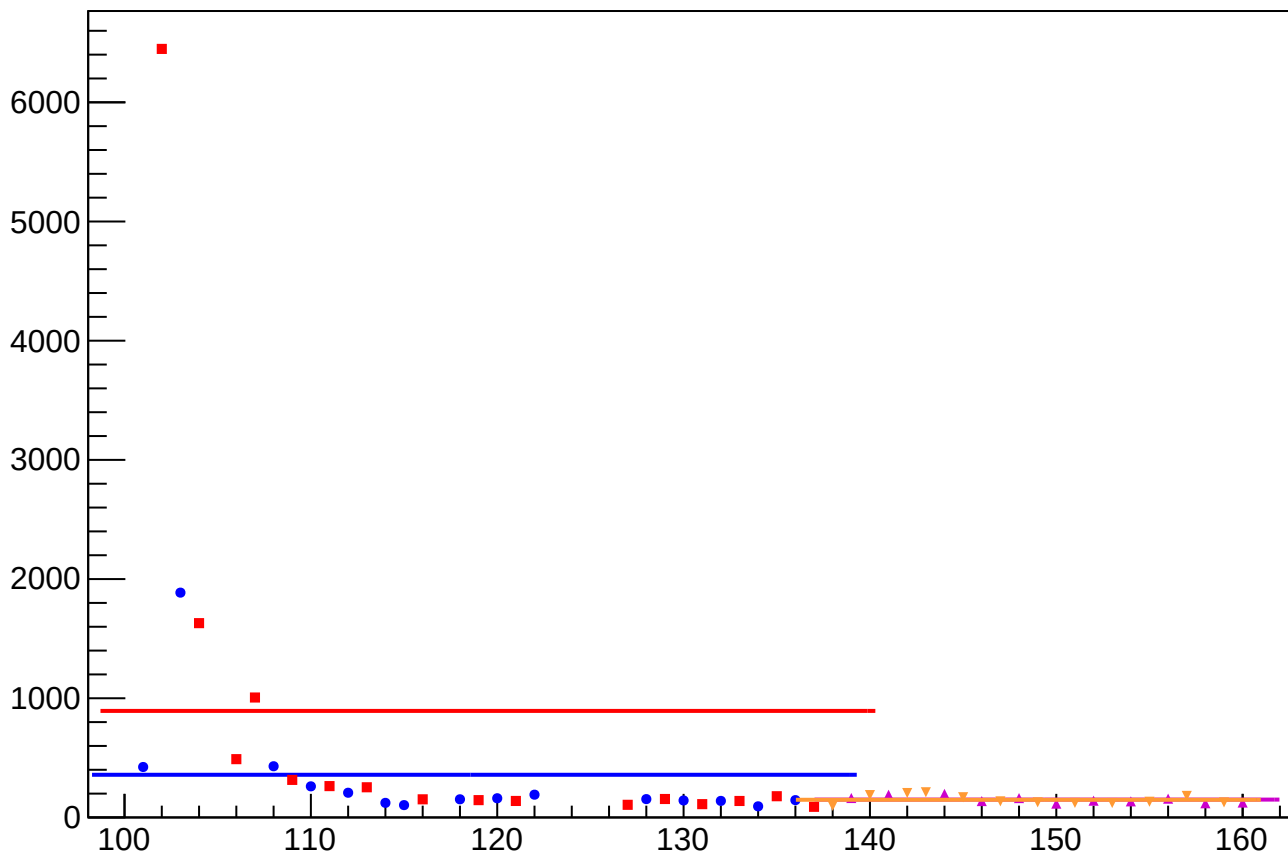
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

dit_atl1_coil3_mean vs Slug



Right In: -1564.595 ± 0.000 $\chi^2/\text{NDF}: 483874800978571042578975757029039144960.0/14$
 Left Out: -2513.182 ± 0.000 $\chi^2/\text{NDF}: 5431127813565364988673729418683400323072.0/11$
 Right Out: -1578.178 ± 0.000 $\chi^2/\text{NDF}: 368450572556217564071963203581098590208.0/15$
 Left In: -3355.712 ± 0.000 $\chi^2/\text{NDF}: 61603128430044333980990125877093203968.0/10$

dit_atl1_coil3_err_mean vs Slug



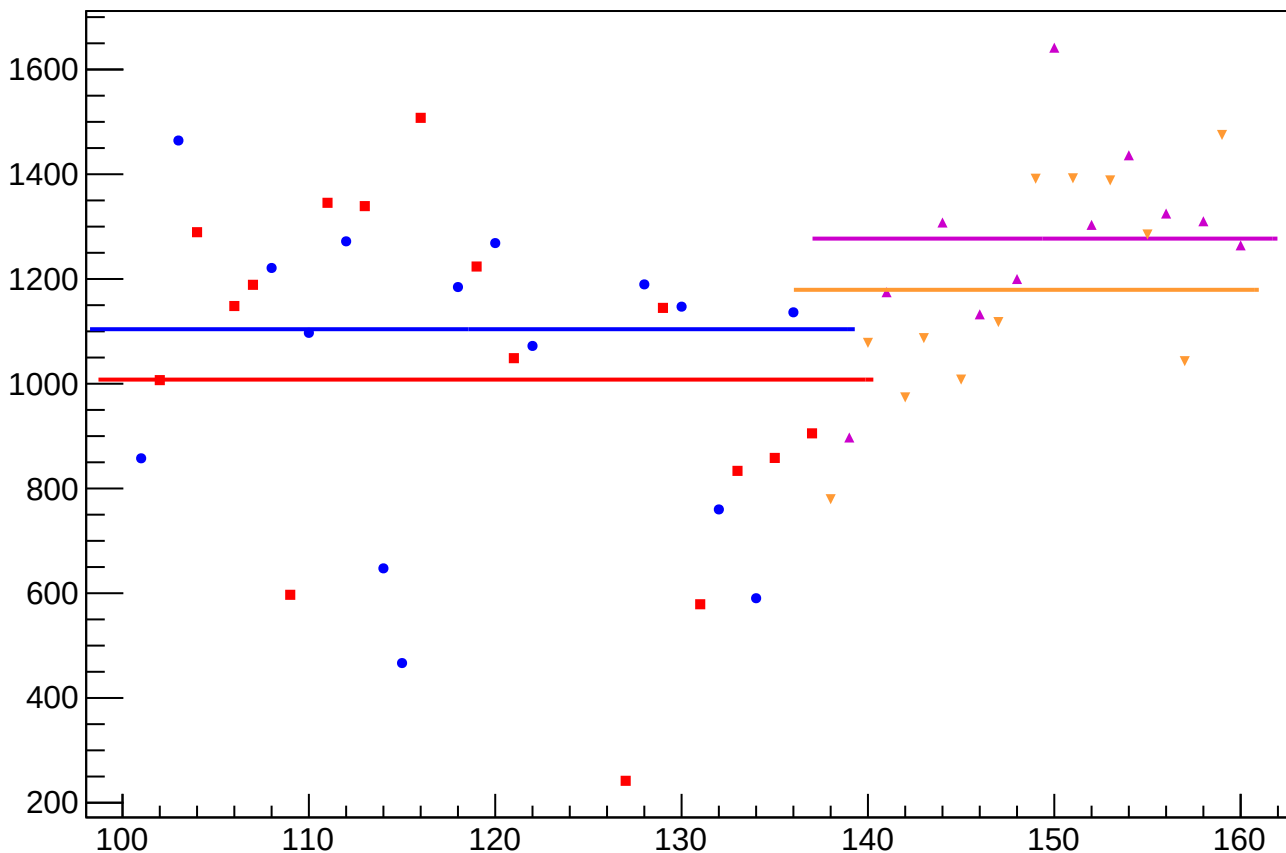
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 148.359+/-0.000 χ^2/NDF : 1090286331733366082581256970807803904.0/11

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 149.829+/-0.000 χ^2/NDF : 645756718172892804384604635004928000.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

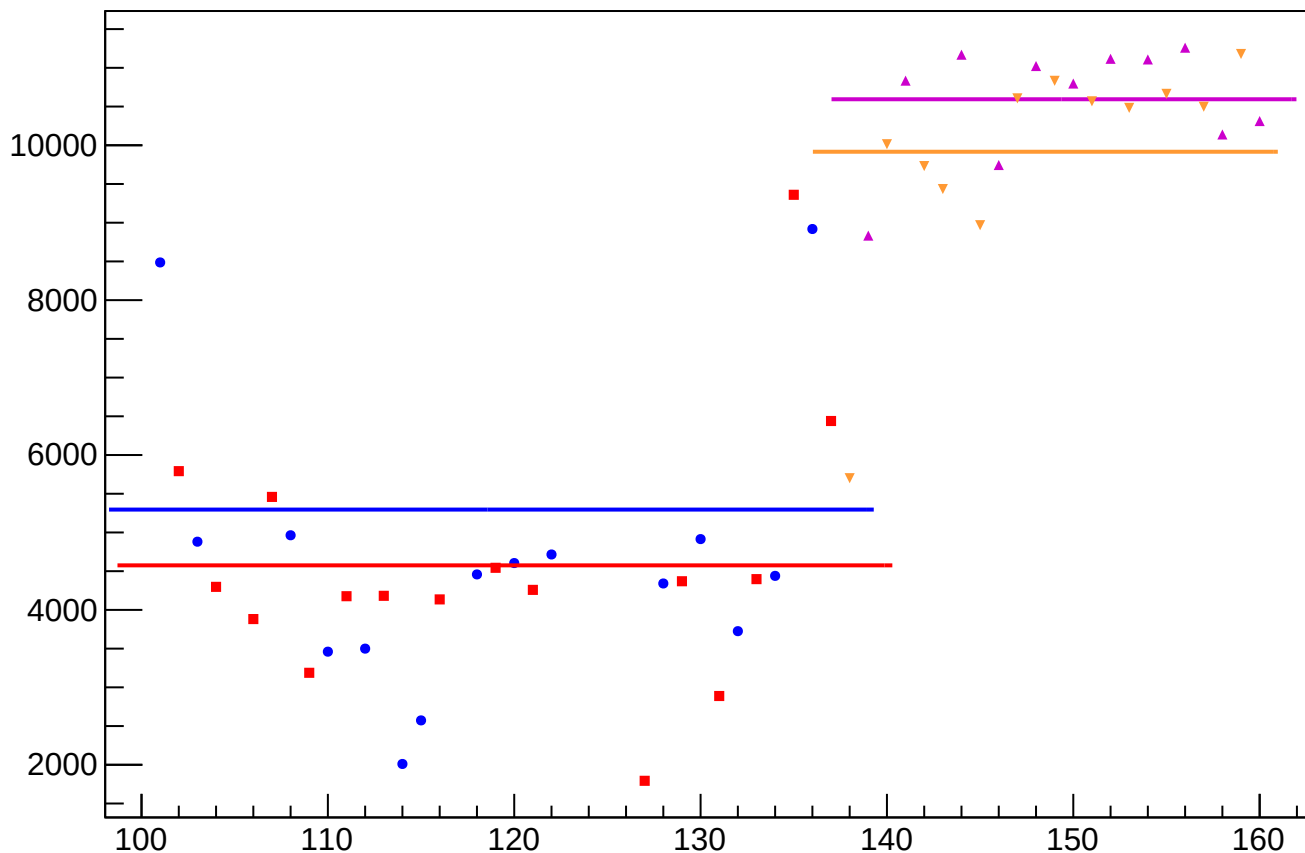
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

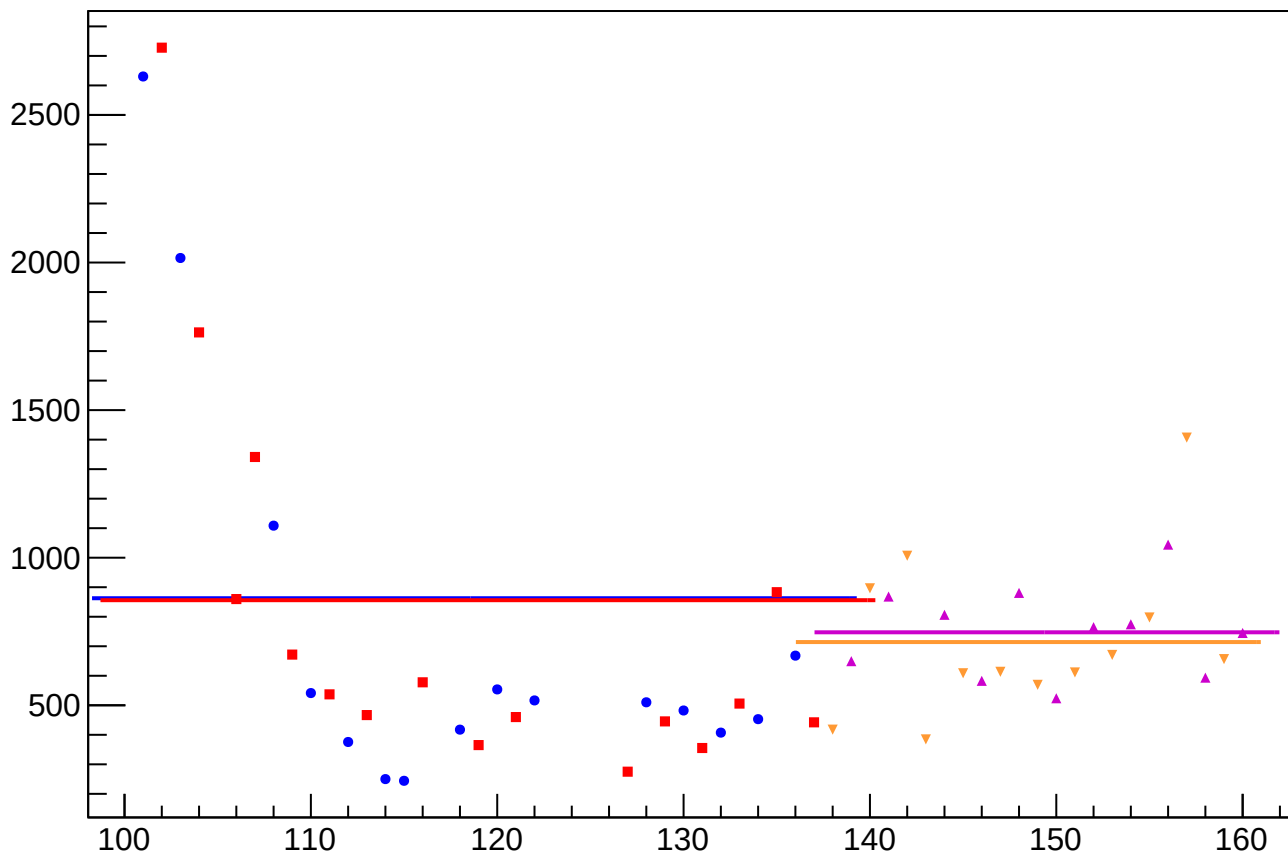
dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9916.420+/-0.000 χ^2/NDF : 1840714392757174837254481771479116546048.0/11
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10594.095+/-0.000 χ^2/NDF : 469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF : 12450212042378
 All: 8034.568+/-0.000 χ^2/NDF : 28820720034
 - sign 8070.804+/-0.000 χ^2/NDF : 16366292406753

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 714.221+/-0.000 χ^2/NDF : 63936823657083124140922251637065515008.0/11

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

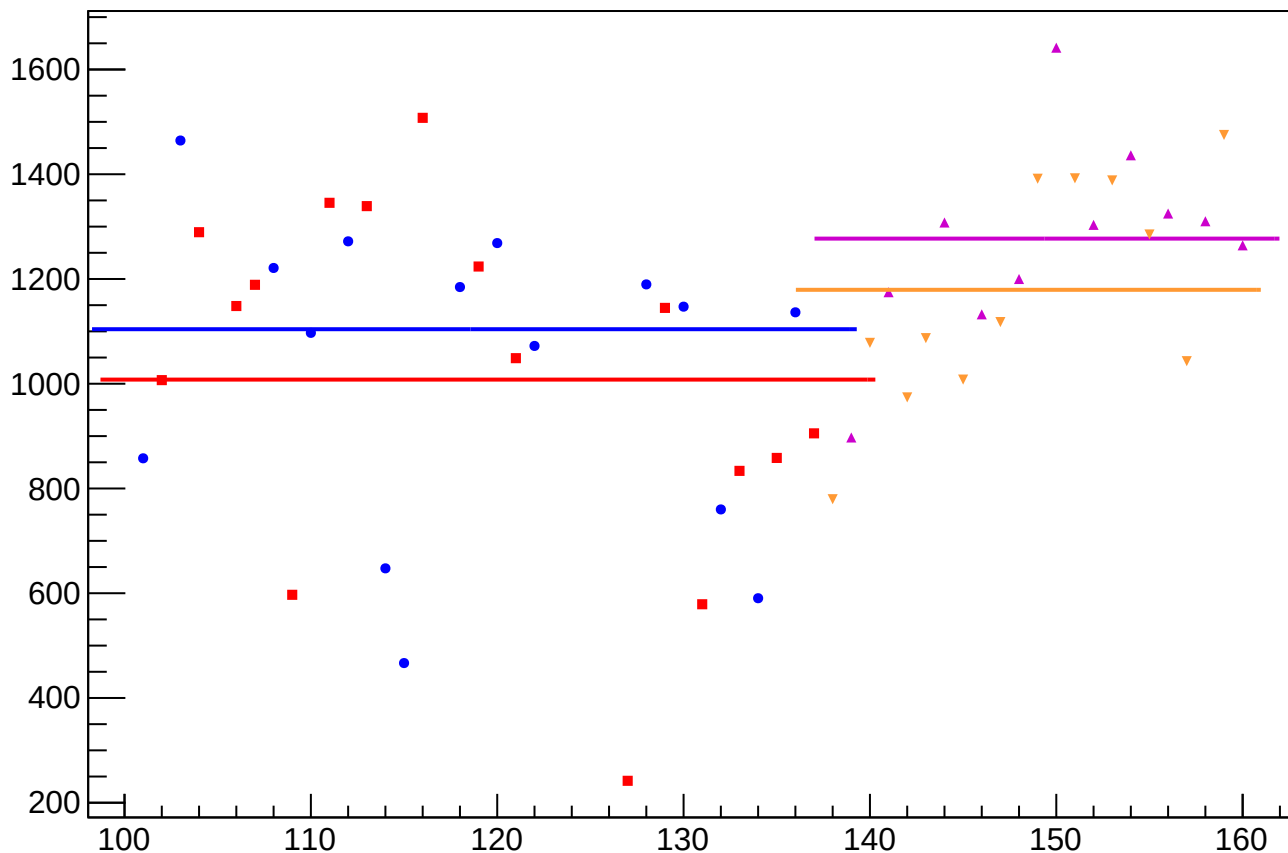
Left In: 747.275+/-0.000 χ^2/NDF : 19678847395727730098310642242030665728.0/10

+ sign 775.866+/-0.000 χ^2/NDF : 409985766107580

All: 784.449+/-0.000 χ^2/NDF : 76167219523

- sign 792.881+/-0.000 χ^2/NDF : 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

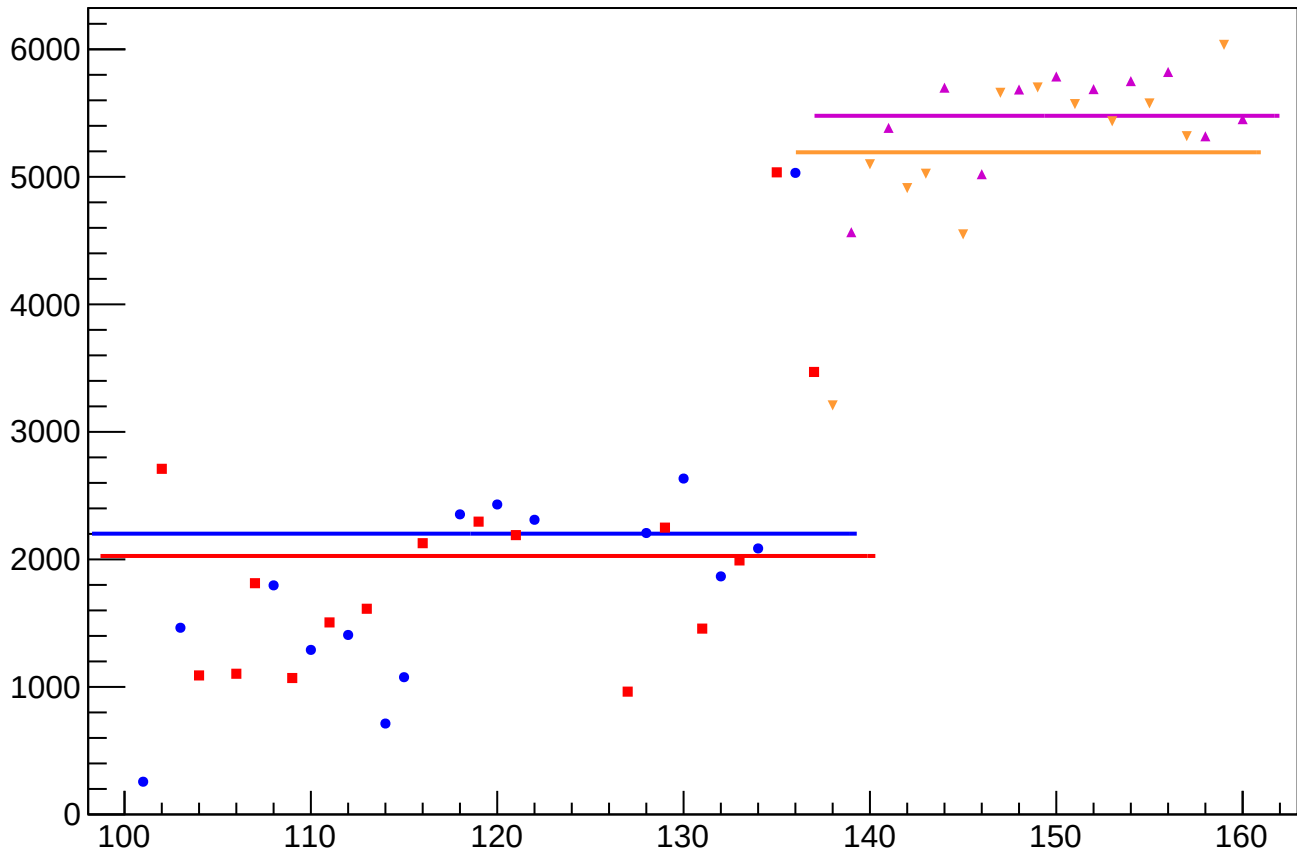
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 20056102034

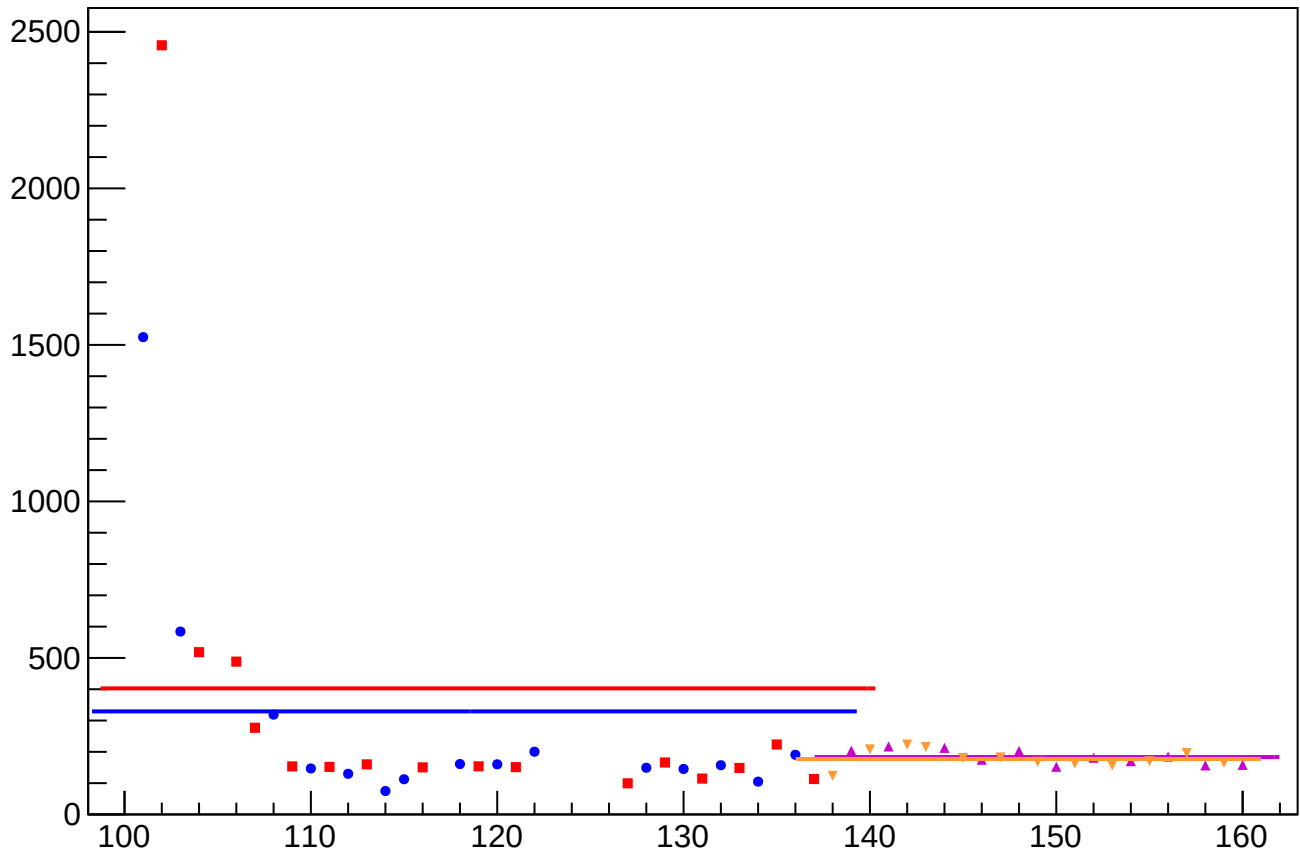
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 5192.476+/-0.000 χ^2/NDF : 470317118435532937200148346508624789504.0/11
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 5478.713+/-0.000 χ^2/NDF : 124186054771424011873849346802583601152.0/10

dit_atr1_coil3_err_mean vs Slug



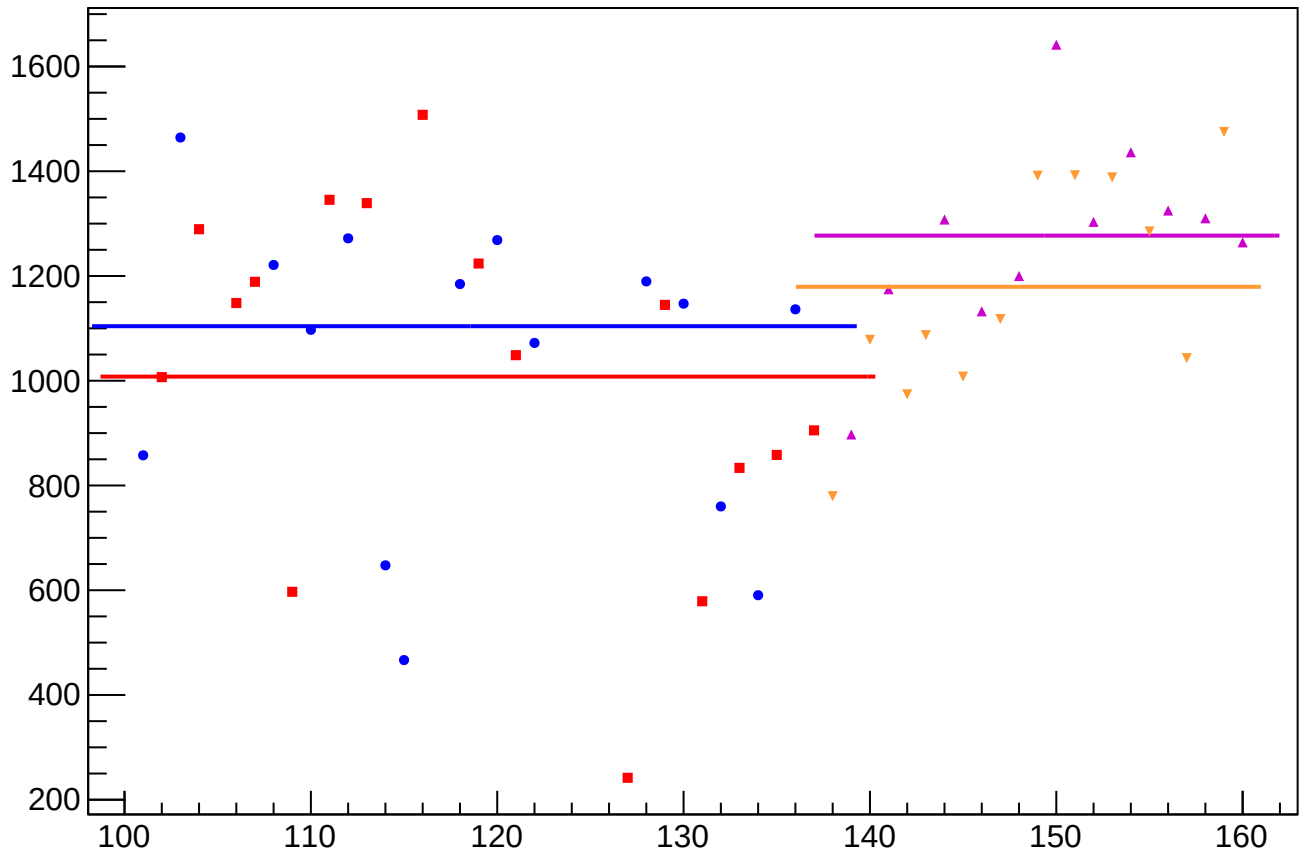
Right In: 329.229+/-0.000	χ^2/NDF : 103285029091922742033837903437132464128.0/14
Left Out: 177.101+/-0.000	χ^2/NDF : 604256347376555065664943941601984512.0/11
Right Out: 402.690+/-0.000	χ^2/NDF : 277636056793293374242116053515003494400.0/15
Left In: 183.411+/-0.000	χ^2/NDF : 452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF : 112672514913123

All: 257.960+/-0.000 χ^2/NDF : 41035727361

- sign 275.340+/-0.000 χ^2/NDF : 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1179.336 $\pm$ 0.000 χ^2 /NDF: 38742916032610862911819544133355175936.0/11

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

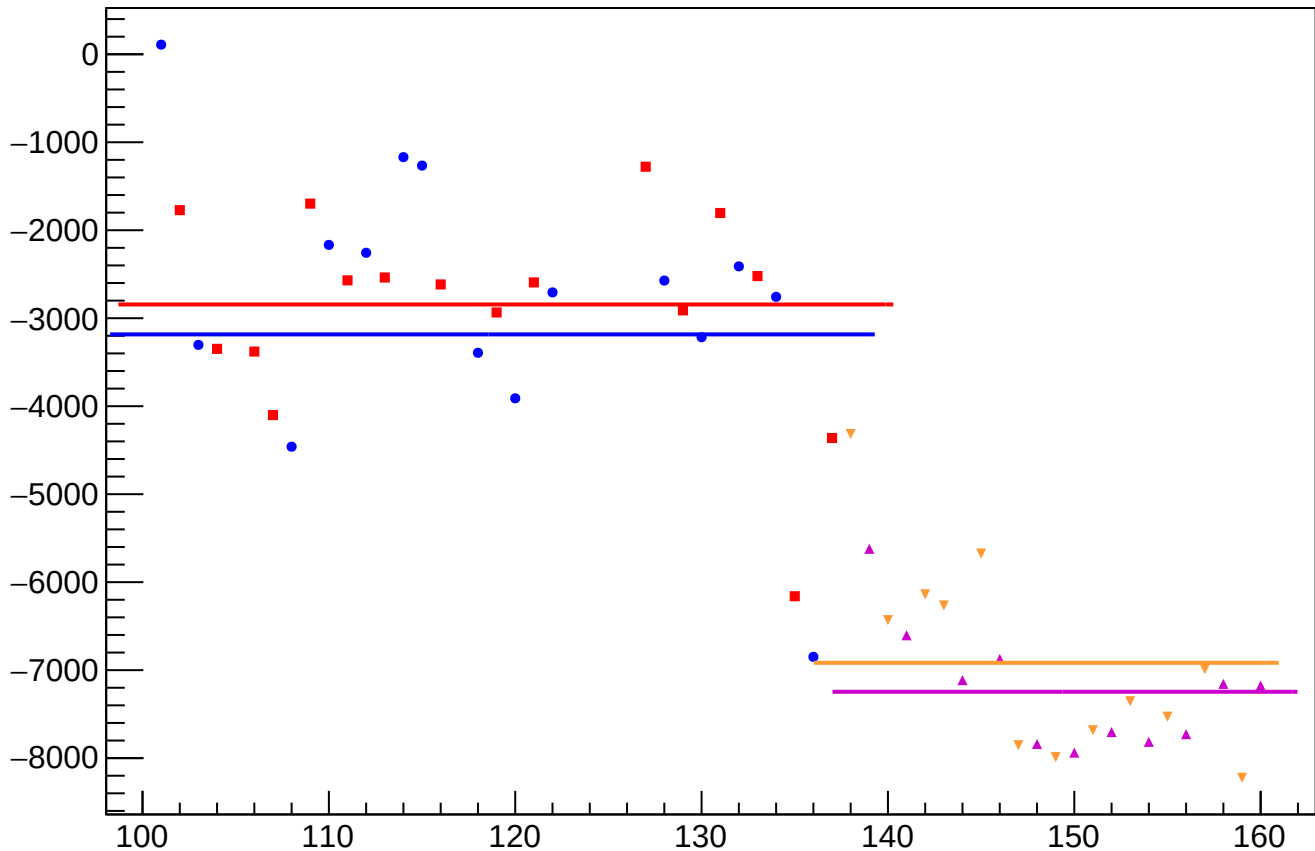
Left In: 1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10

+ sign 1148.100 $\pm$ 0.000 χ^2 /NDF: 73628368958625

All: 1156.244 $\pm$ 0.000 χ^2 /NDF: 2005610203

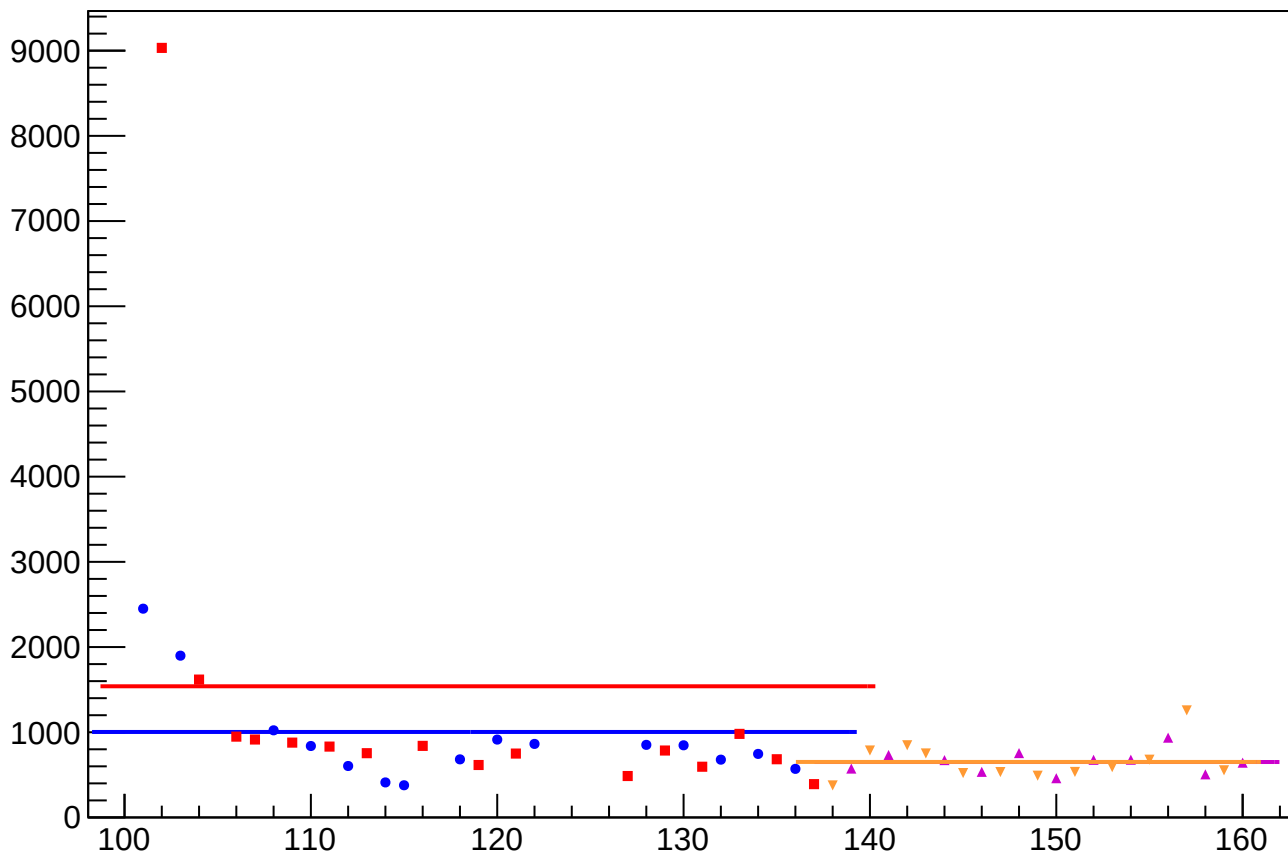
- sign 1164.243 $\pm$ 0.000 χ^2 /NDF: 12672719249309

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -6916.269+/-0.000 χ^2/NDF : 1116807093678978049721043579861444067328.0/11
 Right Out: -2843.597+/-0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -7245.920+/-0.000 χ^2/NDF : 401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

+ sign 797.669+/-0.000 χ^2/NDF : 312371598473089

Left Out: 651.582+/-0.000 χ^2/NDF : 45579416700188389340899783793497341952.0/11

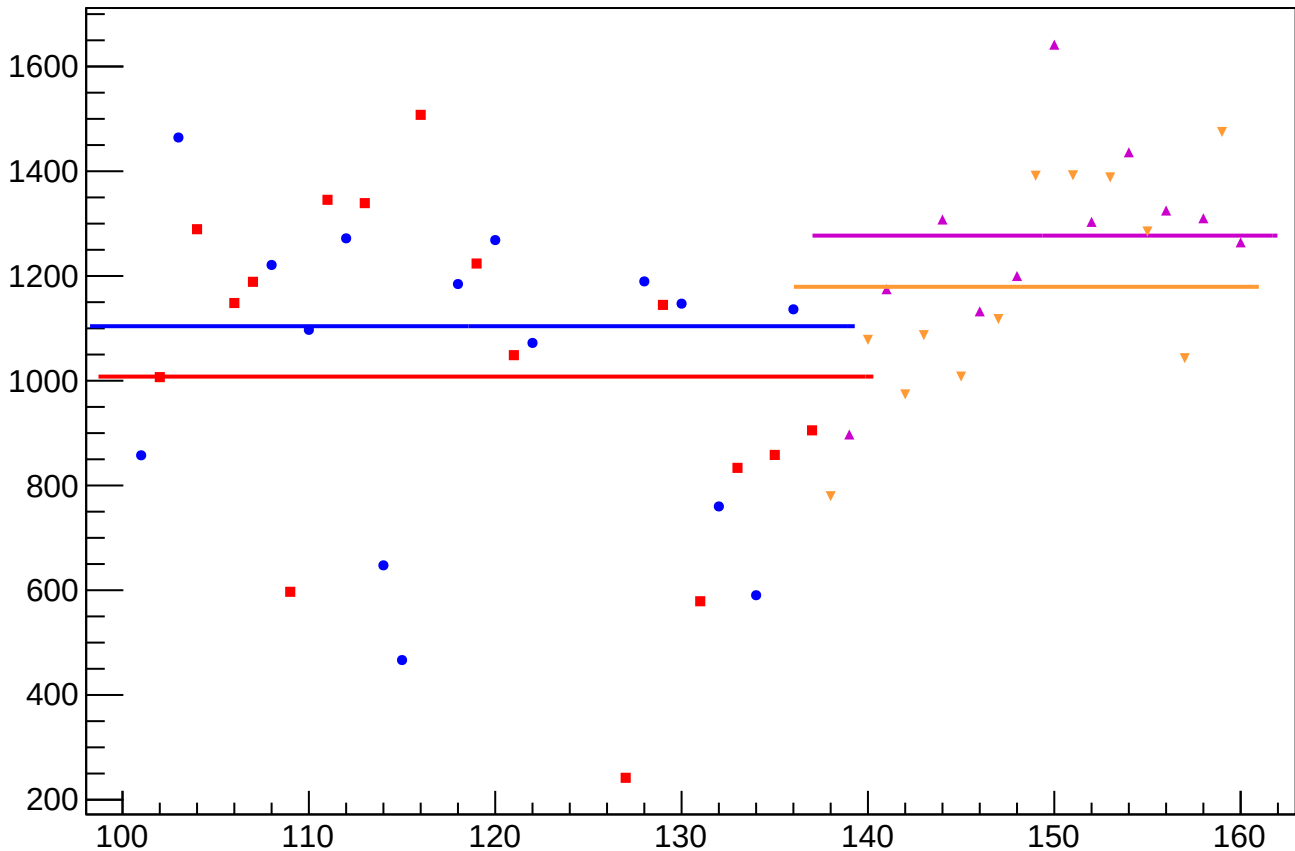
All: 911.528+/-0.000 χ^2/NDF : 428810018273

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

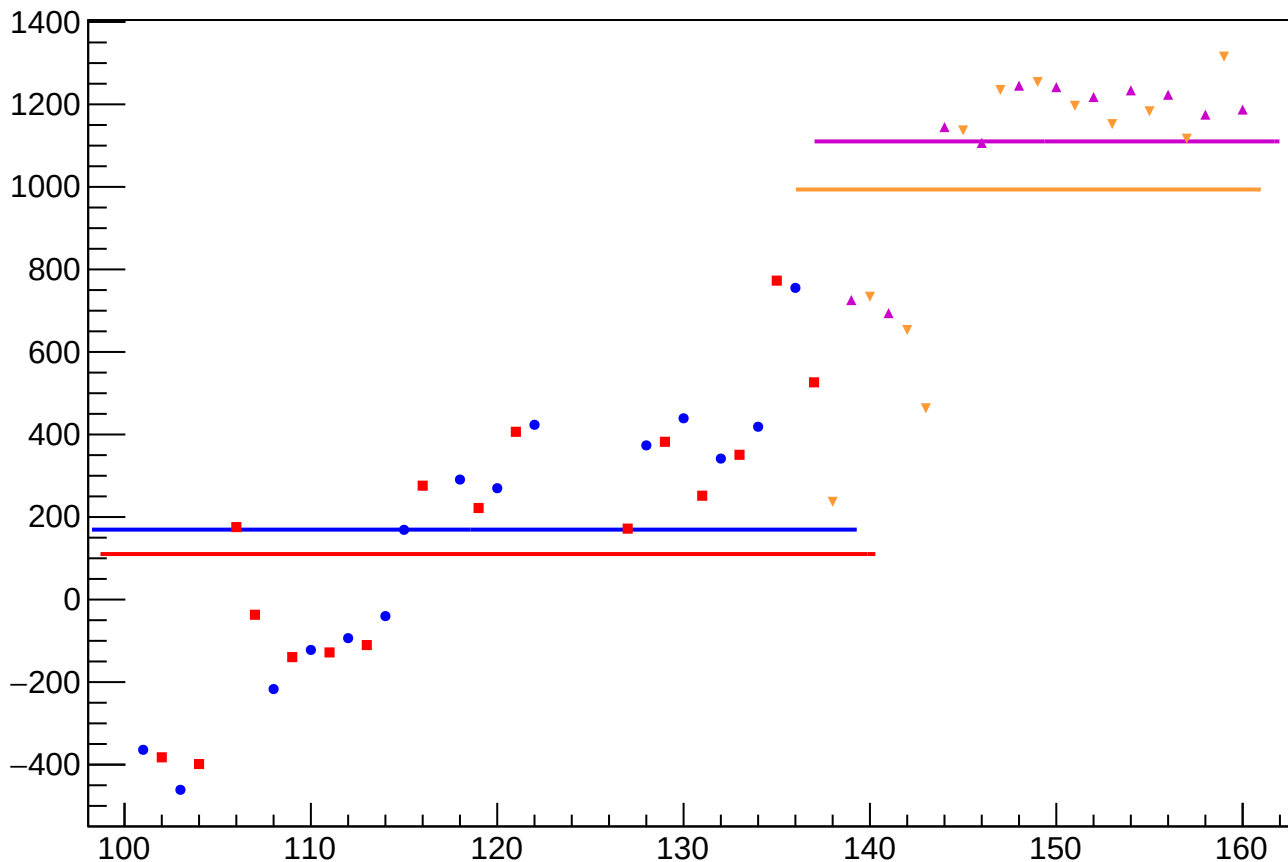
- sign 1023.383+/-0.000 χ^2/NDF : 39355602156889

Left In: 650.769+/-0.000 χ^2/NDF : 14776465774858799846922535858394365952.0/10

dit_atr2_coil3_Ndata_mean vs Slug



dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 993.680+/-0.000 χ^2/NDF : 103871744093271862136270527542037839872.0/11

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

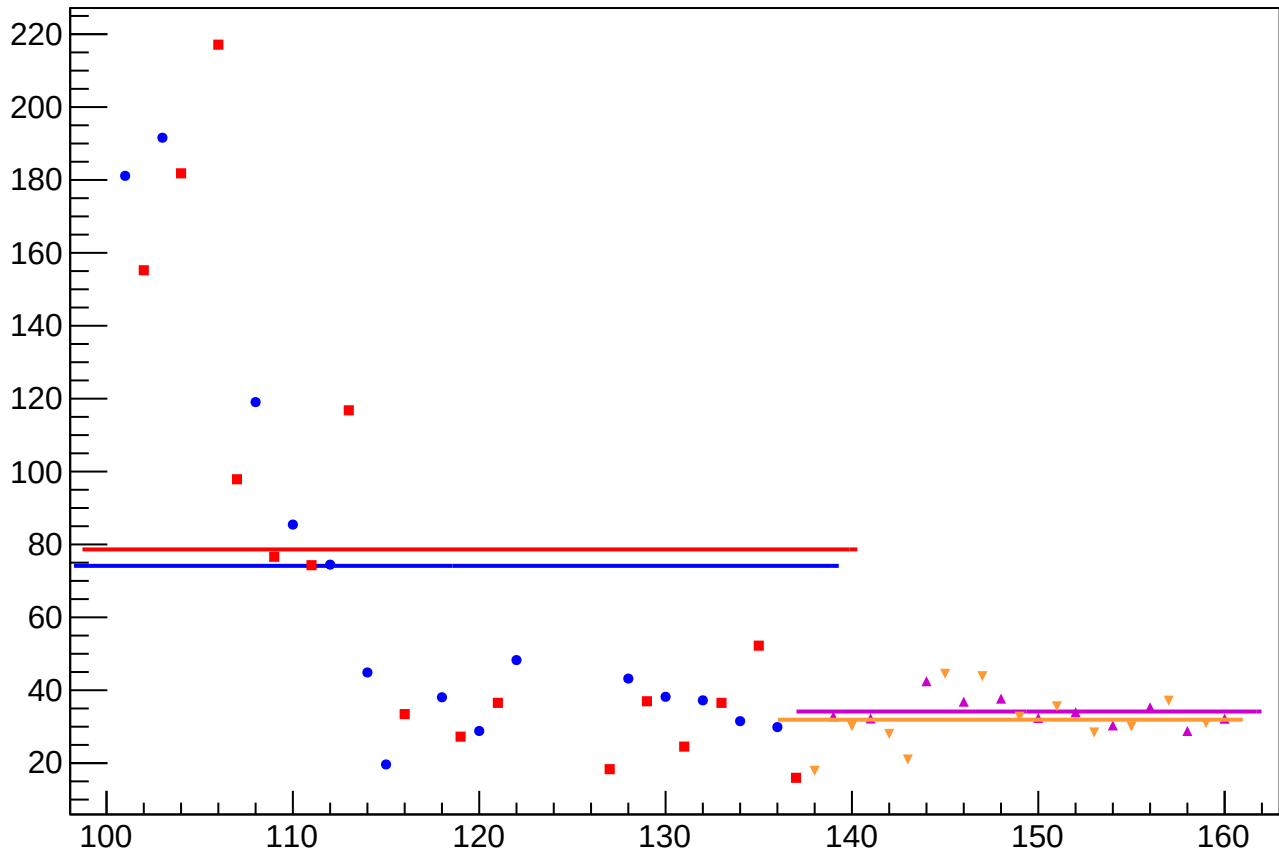
Left In: 1110.204+/-0.000 χ^2/NDF : 34078671675207101758695575343264169984.0/10

+ sign 651.454+/-0.000 χ^2/NDF : 457110601754155

All: 671.406+/-0.000 χ^2/NDF : 951499306925

- sign 691.006+/-0.000 χ^2/NDF : 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF : 52391134971476446801164737802403840.0/11

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

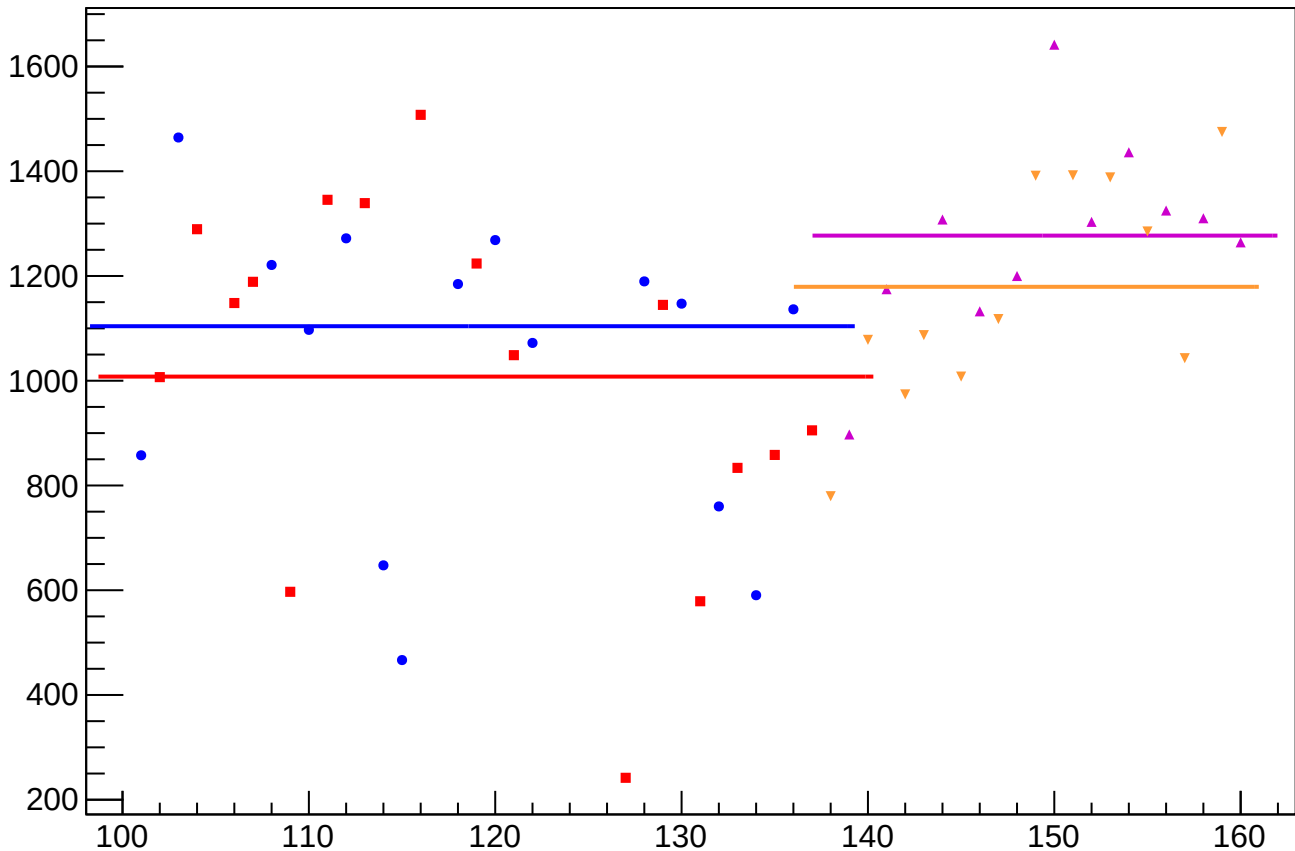
Left In: 34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10

+ sign 49.444+/-0.000 χ^2/NDF : 2897043511629601

All: 51.139+/-0.000 χ^2/NDF : 6027926549606

- sign 52.804+/-0.000 χ^2/NDF : 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

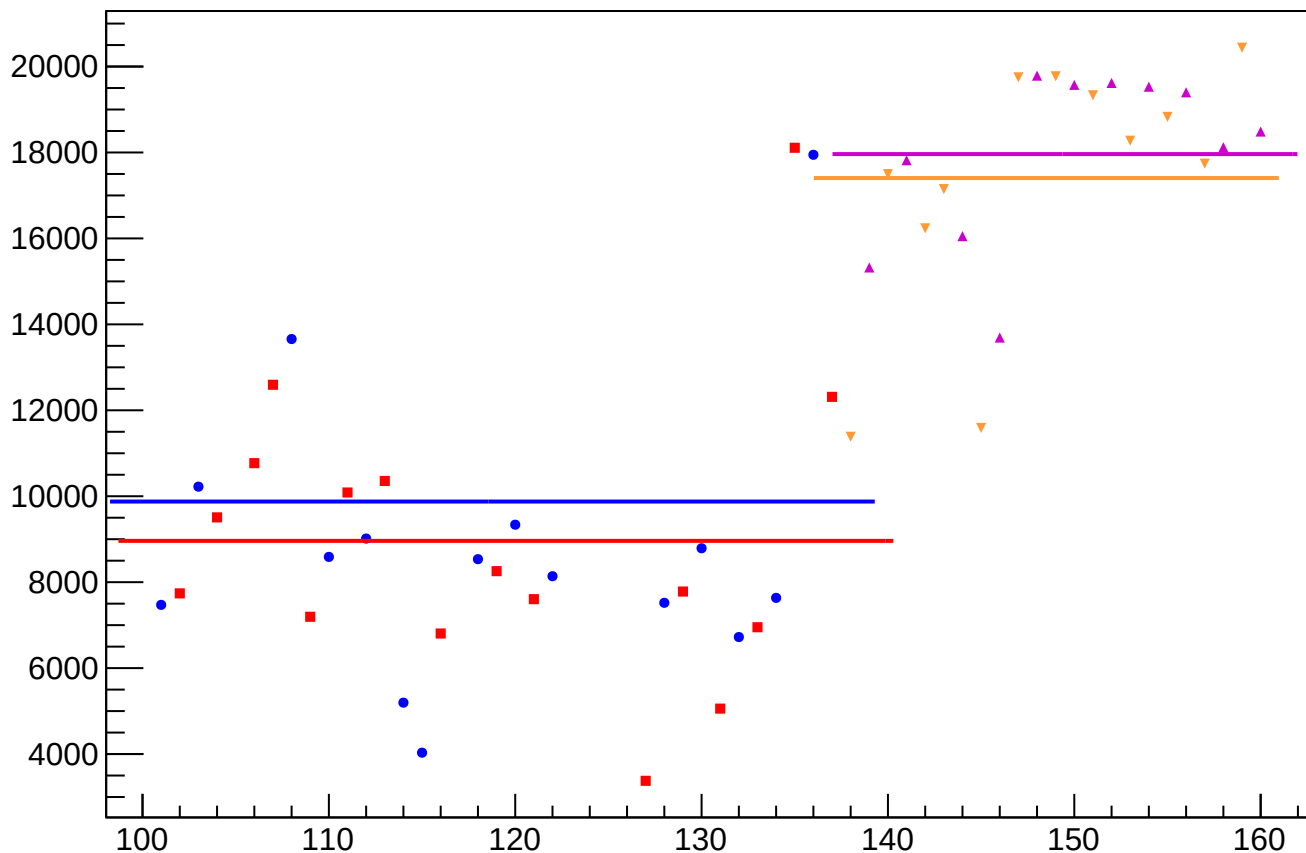
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

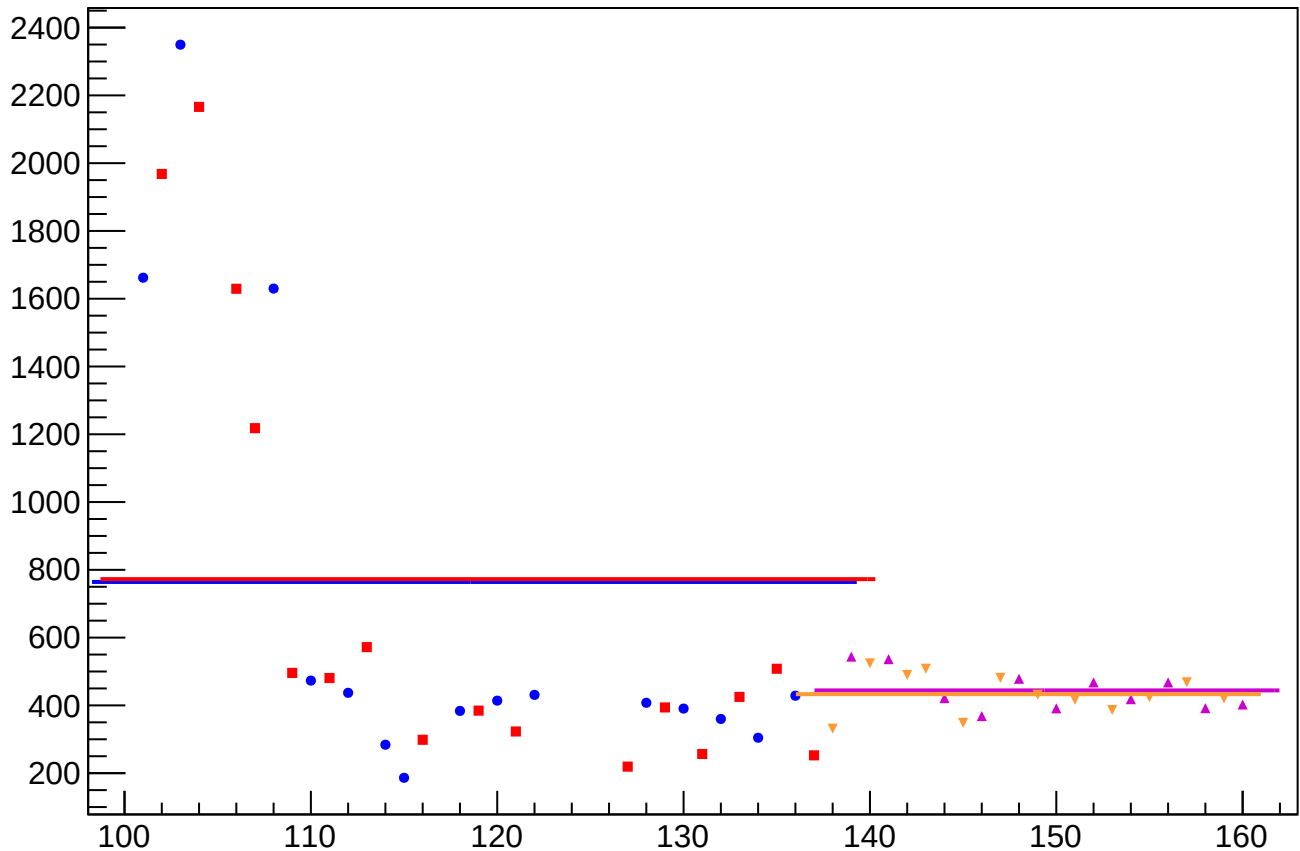
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17405.049+/-0.000 χ^2/NDF : 7689801671099378791544545422175664865280.0/11
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 433.079+/-0.000 χ^2/NDF : 3070370524438239159273190119476035584.0/11

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

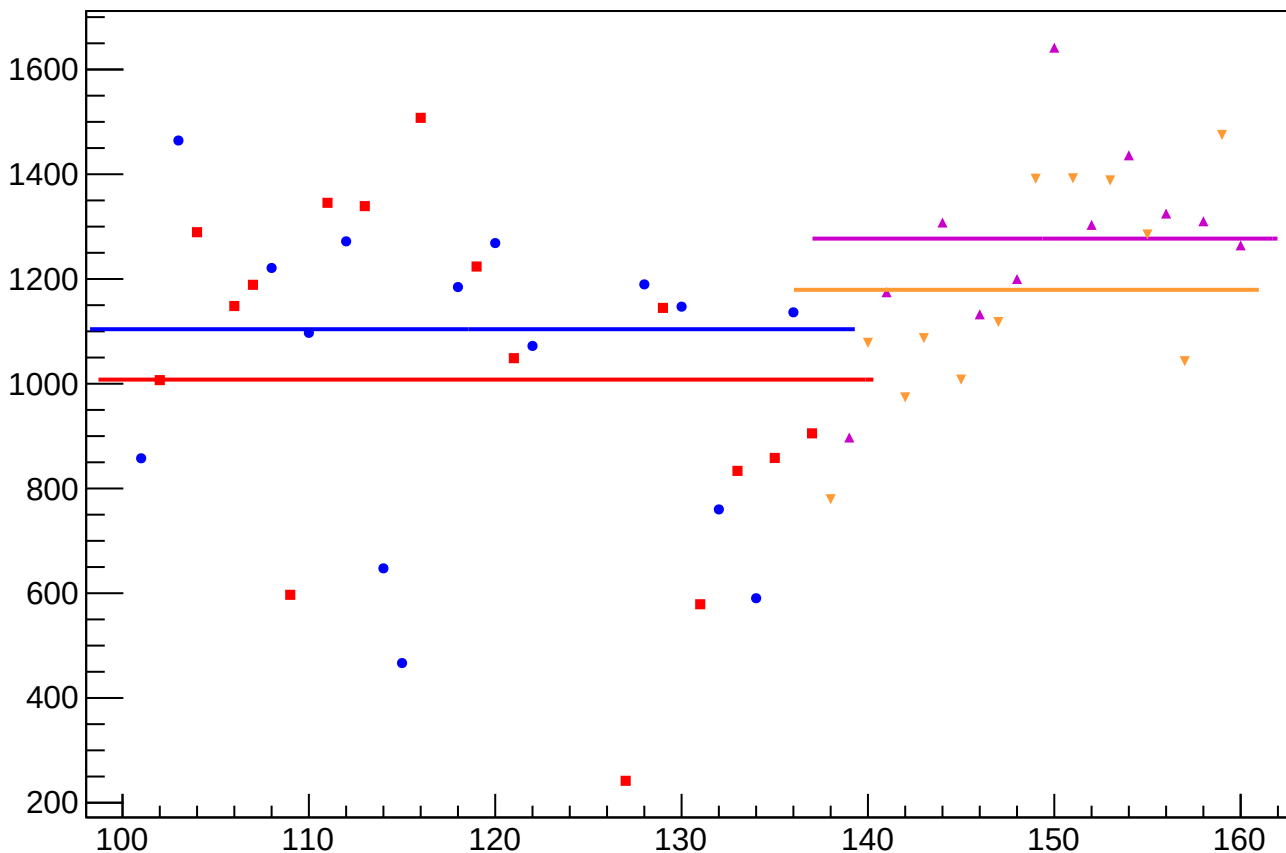
Left In: 444.245+/-0.000 χ^2/NDF : 2906625839452991270105053894151241728.0/10

+ sign 570.604+/-0.000 χ^2/NDF : 335667061264854

All: 576.292+/-0.000 χ^2/NDF : 666328037619

- sign 581.880+/-0.000 χ^2/NDF : 330560730510906

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

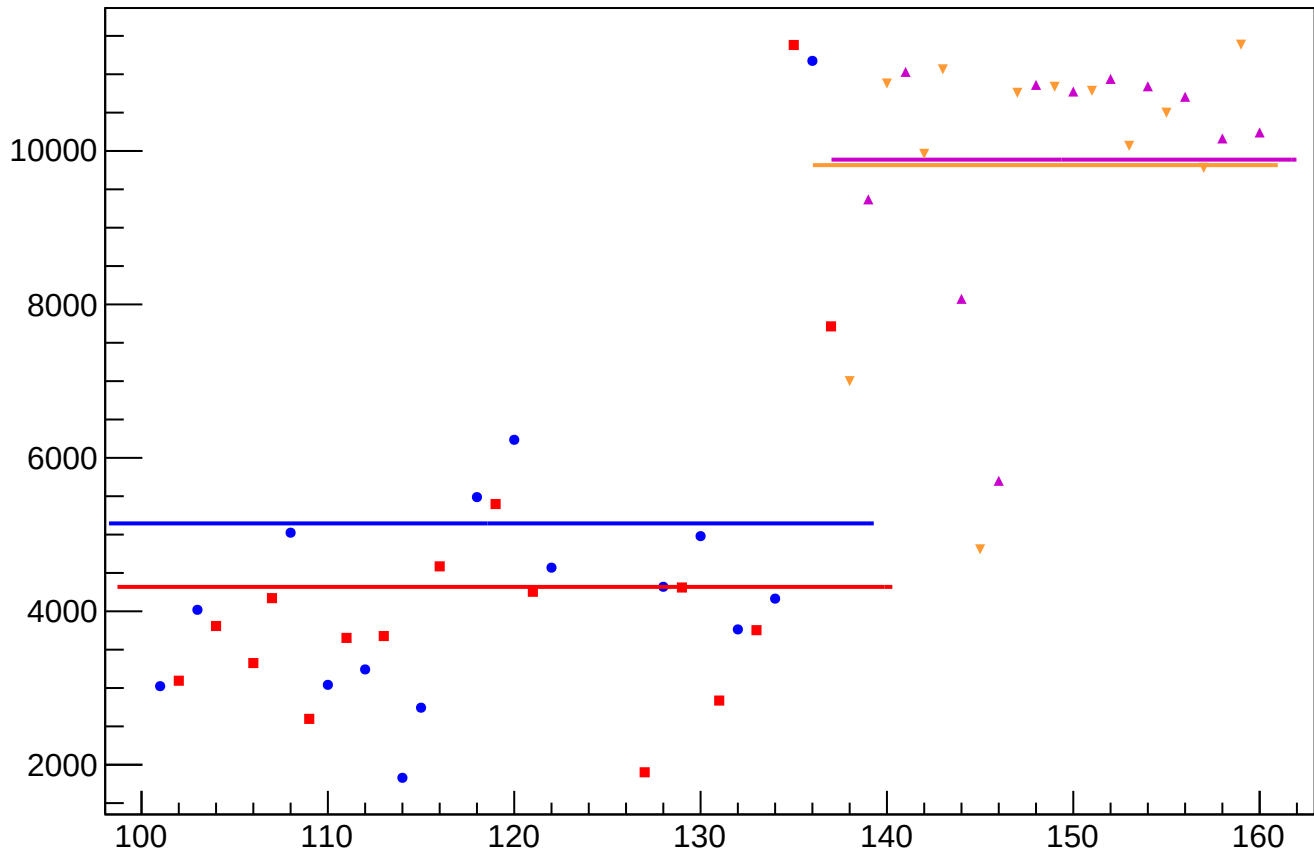
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

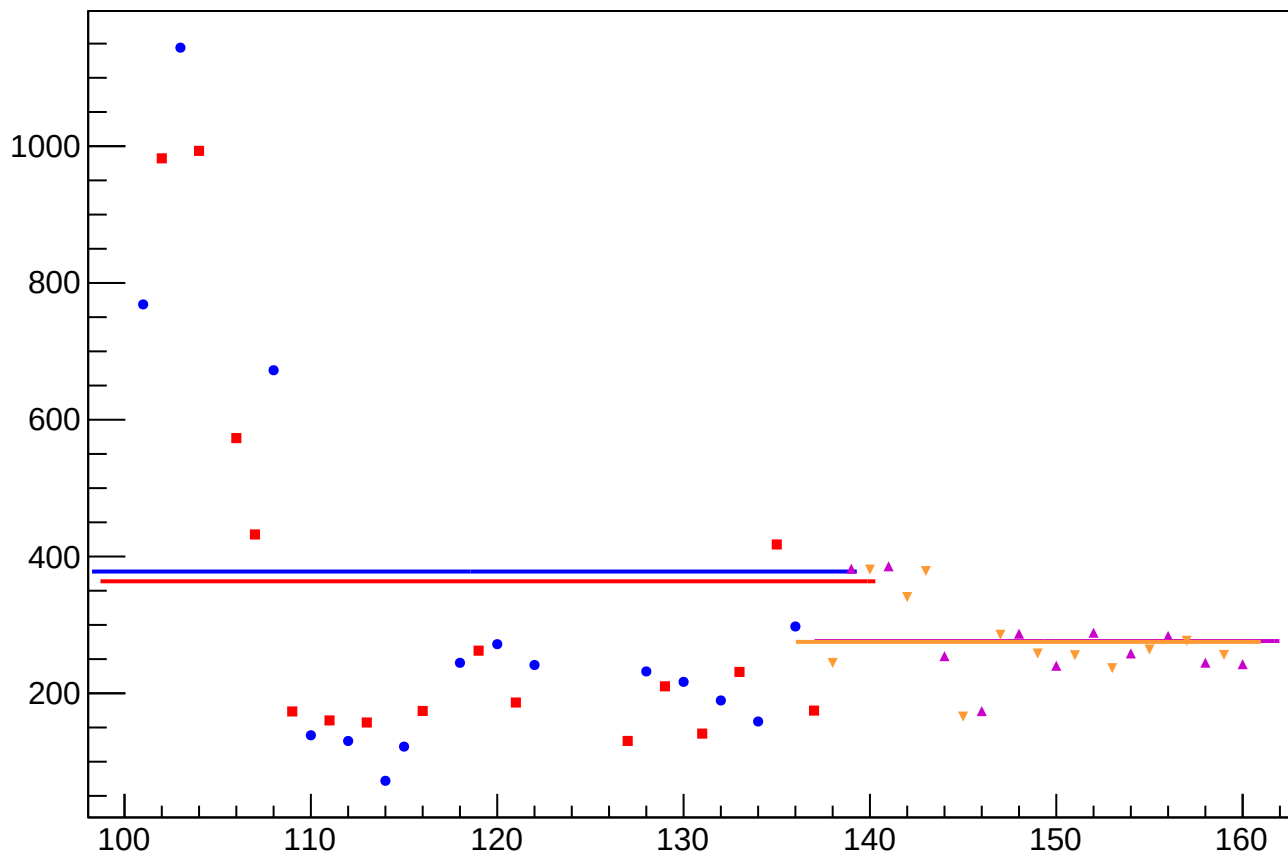
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9815.736+/-0.000 χ^2/NDF : 3242126212507286714618316704208262266880.0/11
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.181+/-0.000 χ^2/NDF : 3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

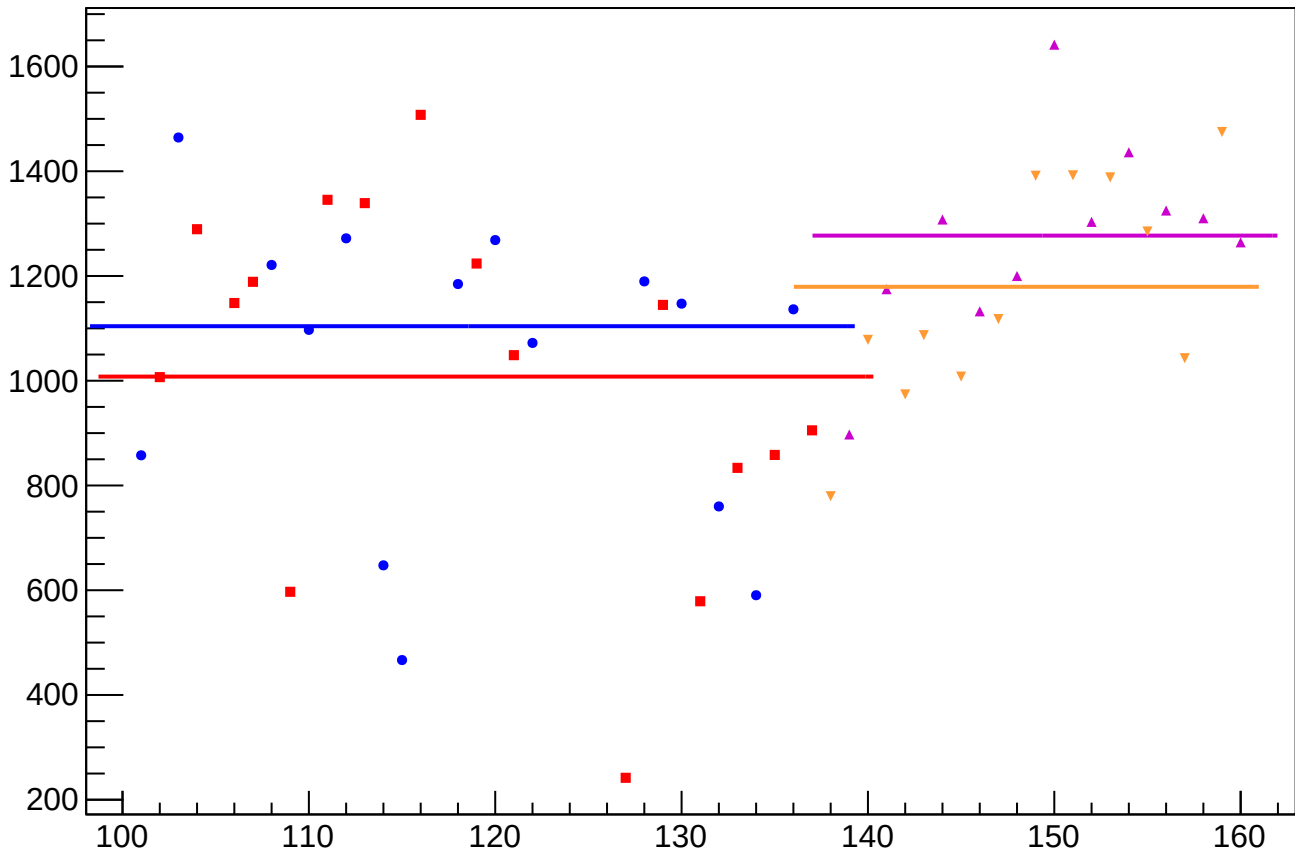
Left In: 276.429+/-0.000 χ^2/NDF : 3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF : 685967694208858

All: 315.450+/-0.000 χ^2/NDF : 133778300115

- sign 313.047+/-0.000 χ^2/NDF : 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

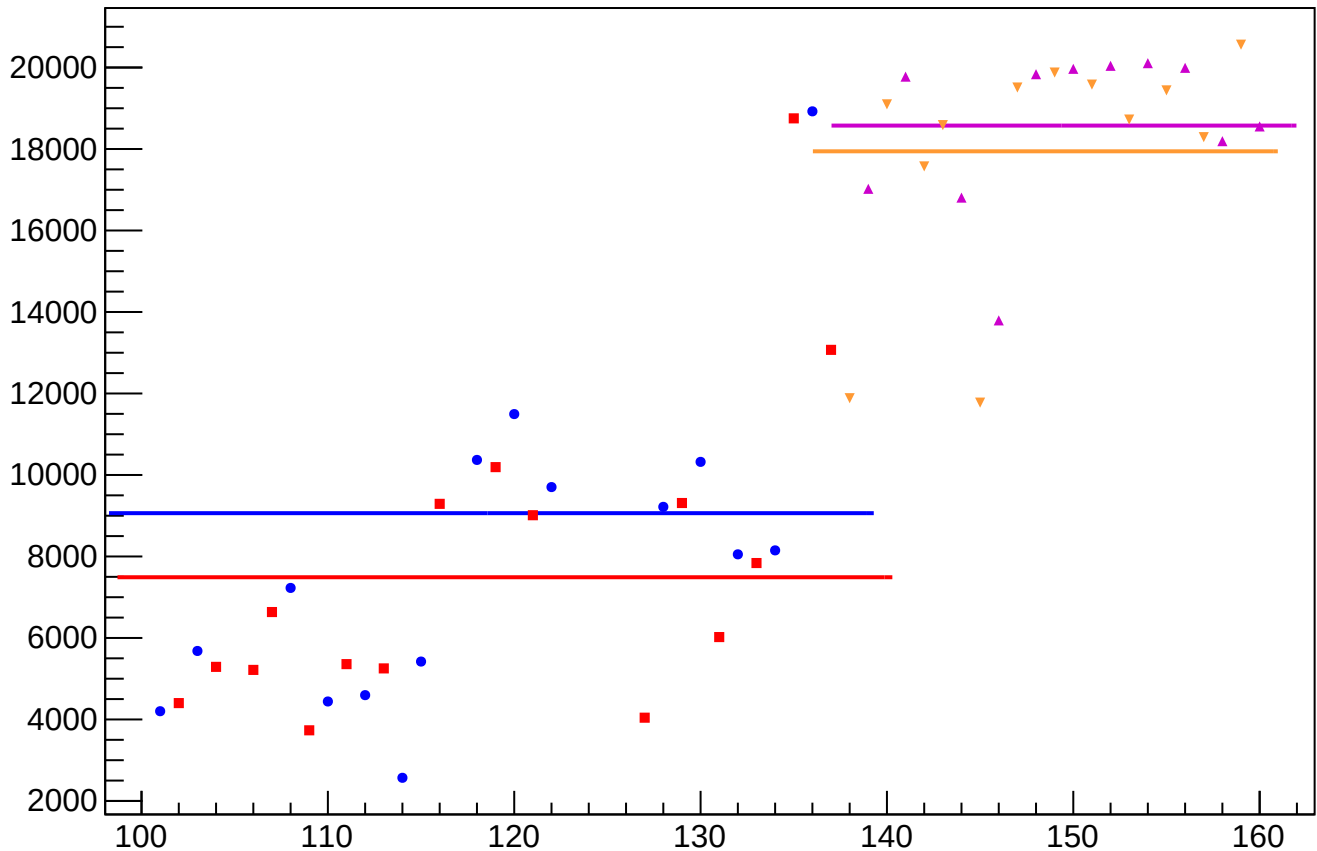
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

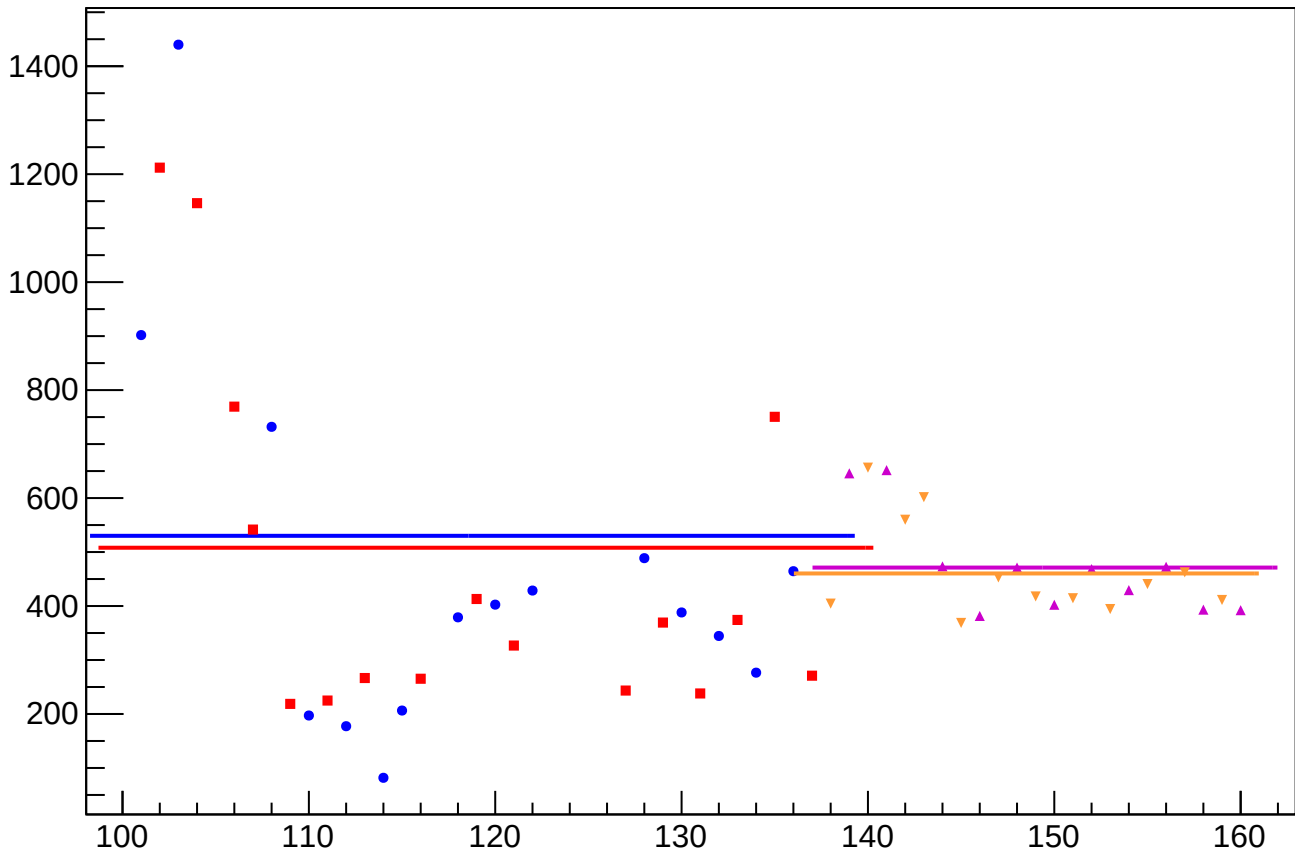
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17943.531+/-0.000 χ^2/NDF : 7473617733274816603280469921274378846208.0/11
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18574.874+/-0.000 χ^2/NDF : 3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 460.312+/-0.000 χ^2/NDF : 6754606428371283053517529701630869504.0/11

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

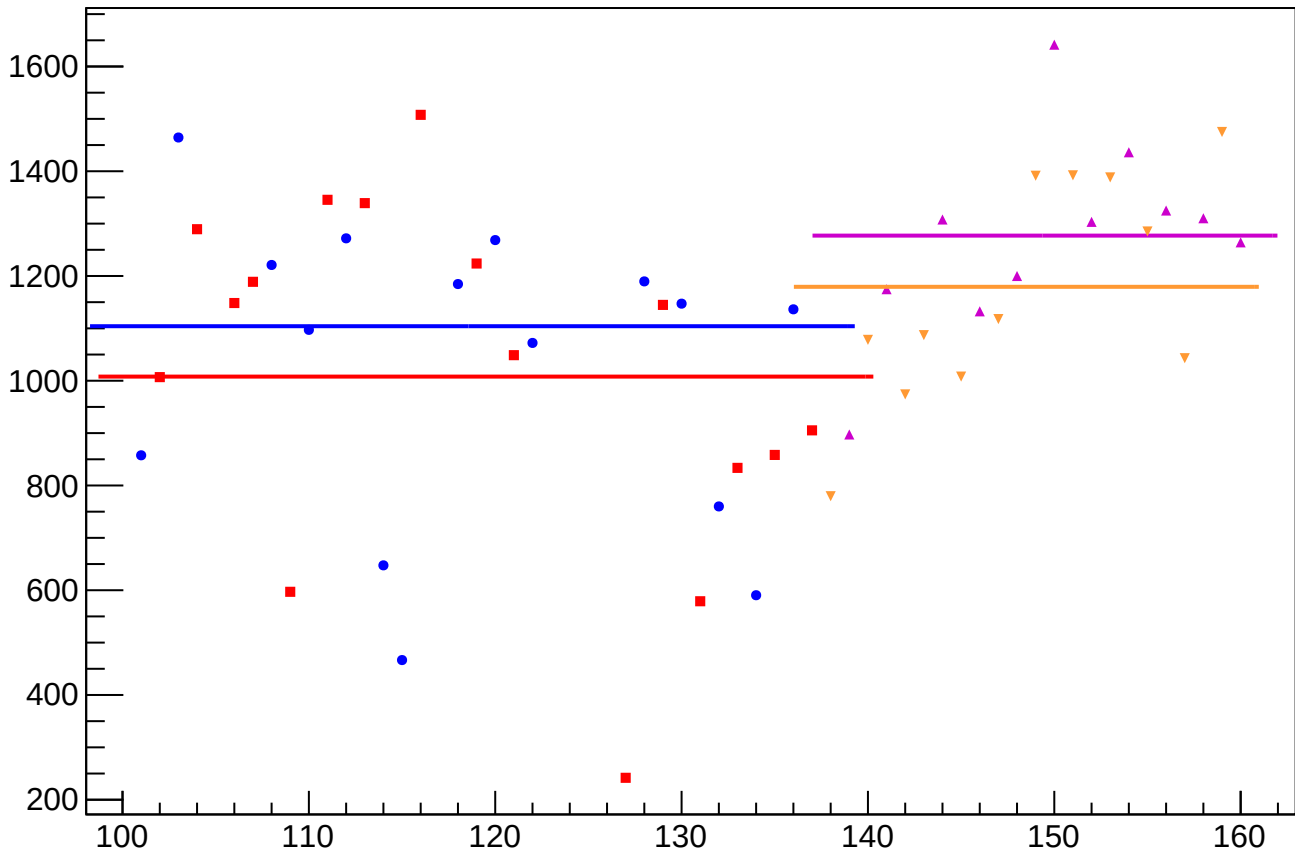
Left In: 471.219+/-0.000 χ^2/NDF : 744597321916033625746772011051745280.0/10

+ sign 489.272+/-0.000 χ^2/NDF : 873553872862030

All: 487.941+/-0.000 χ^2/NDF : 172020251630

- sign 486.633+/-0.000 χ^2/NDF : 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

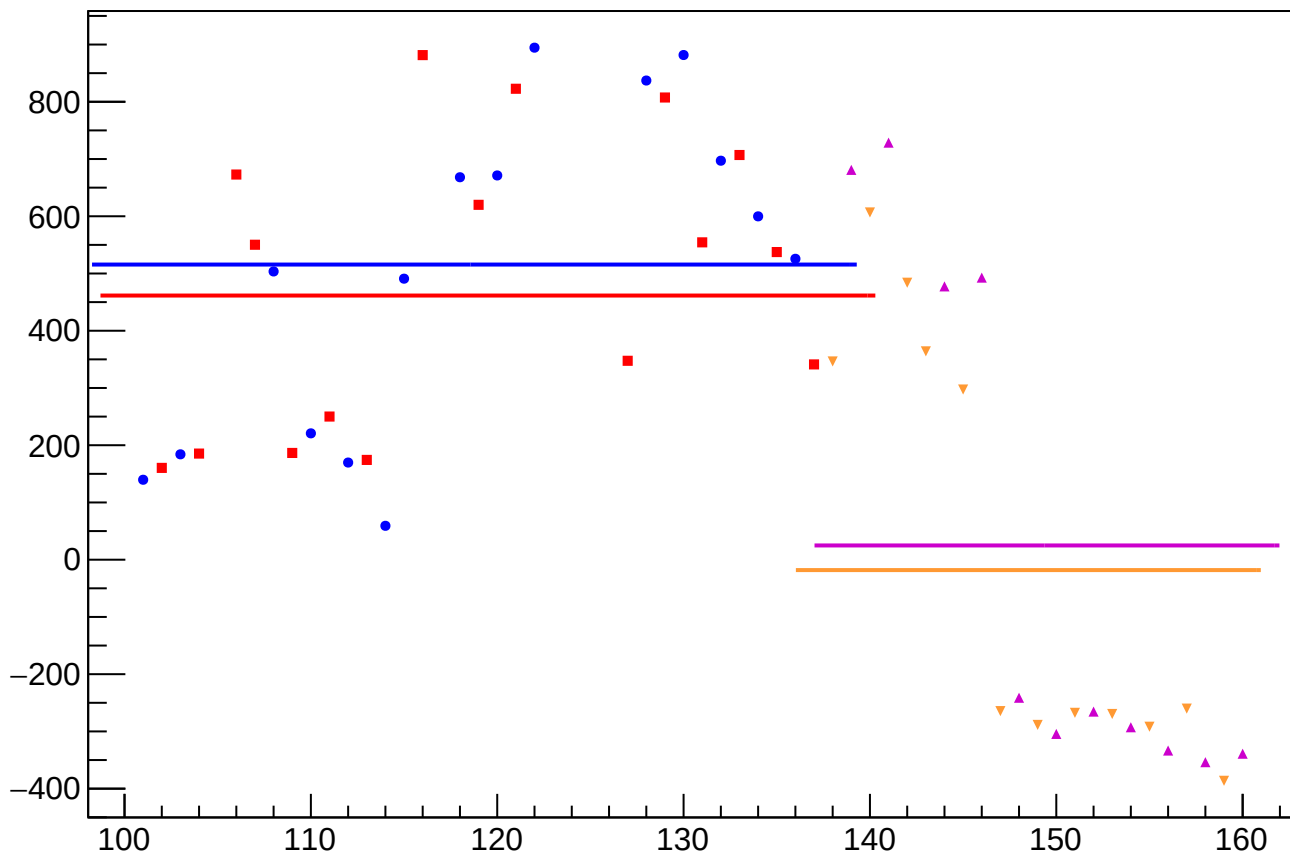
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: -18.146+/-0.000 χ^2/NDF : 114014627327363890146179797072763420672.0/11

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

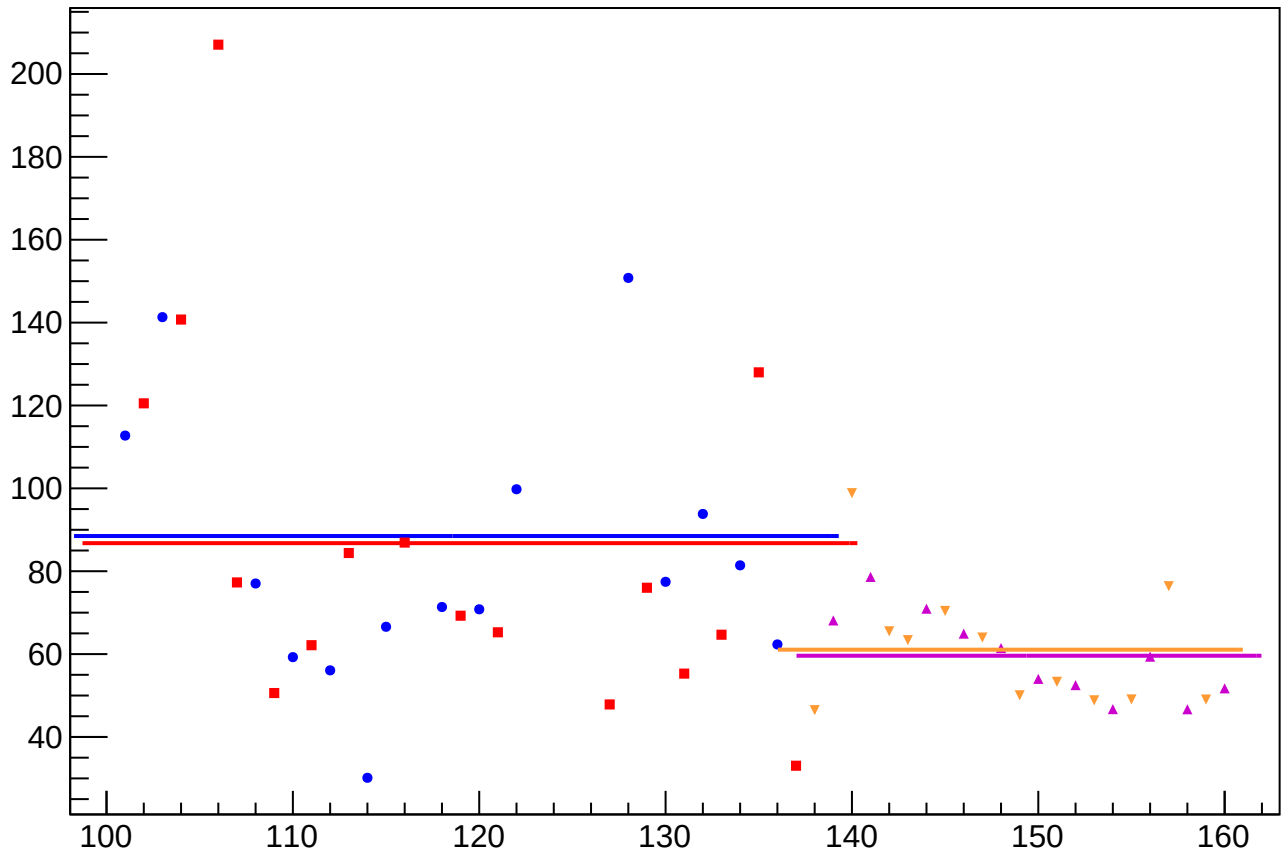
Left In: 24.898+/-0.000 χ^2/NDF : 177170083146066340419686697250307702784.0/10

+ sign 203.495+/-0.000 χ^2/NDF : 270613075260864

All: 205.734+/-0.000 χ^2/NDF : 562112865205

- sign 207.935+/-0.000 χ^2/NDF : 291484247202932

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 61.067+/-0.000 χ^2/NDF : 211507080213048507647331077961285632.0/11

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

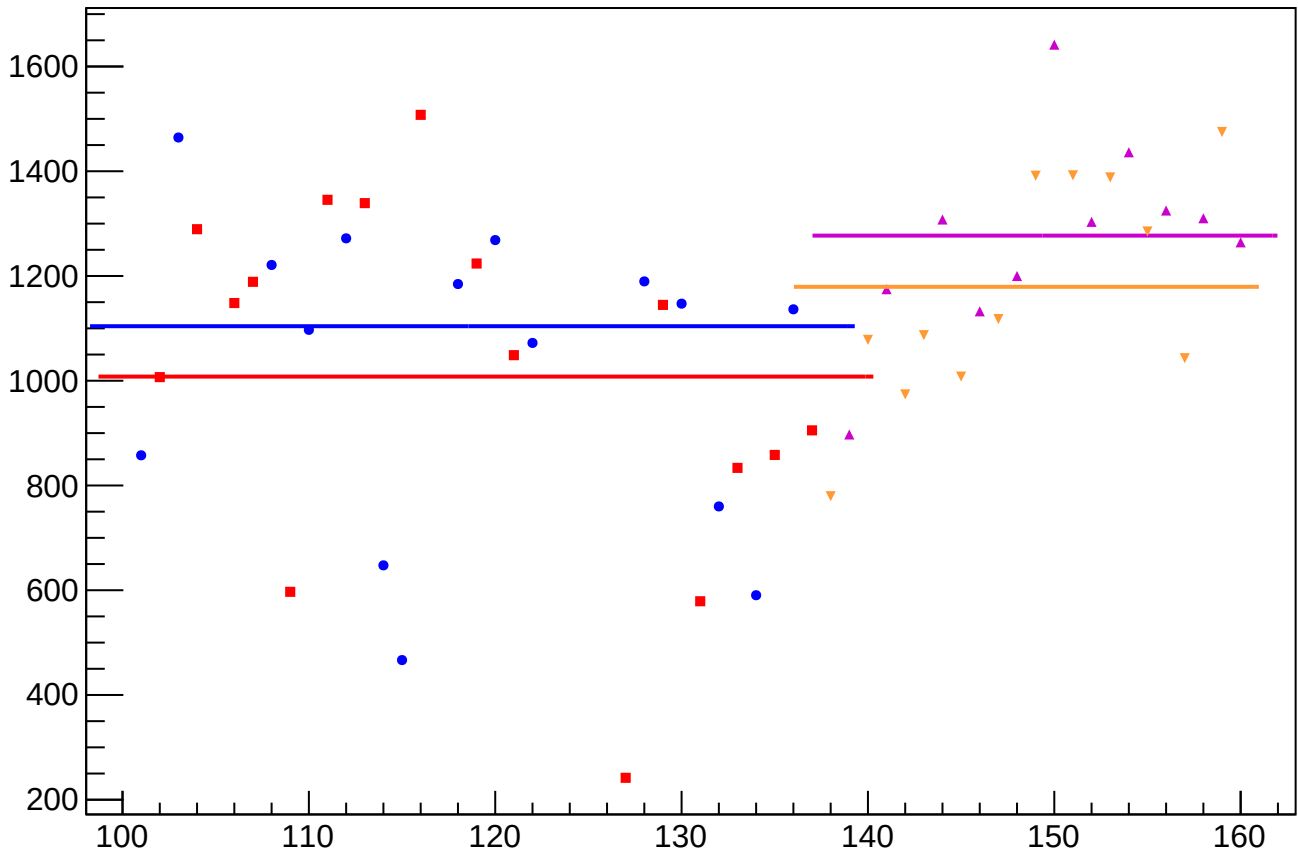
Left In: 59.604+/-0.000 χ^2/NDF : 90862625181985664375323463168032768.0/10

+ sign 72.455+/-0.000 χ^2/NDF : 1140205339739572

All: 71.718+/-0.000 χ^2/NDF : 2577899671839

- sign 70.994+/-0.000 χ^2/NDF : 1436012461961461

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

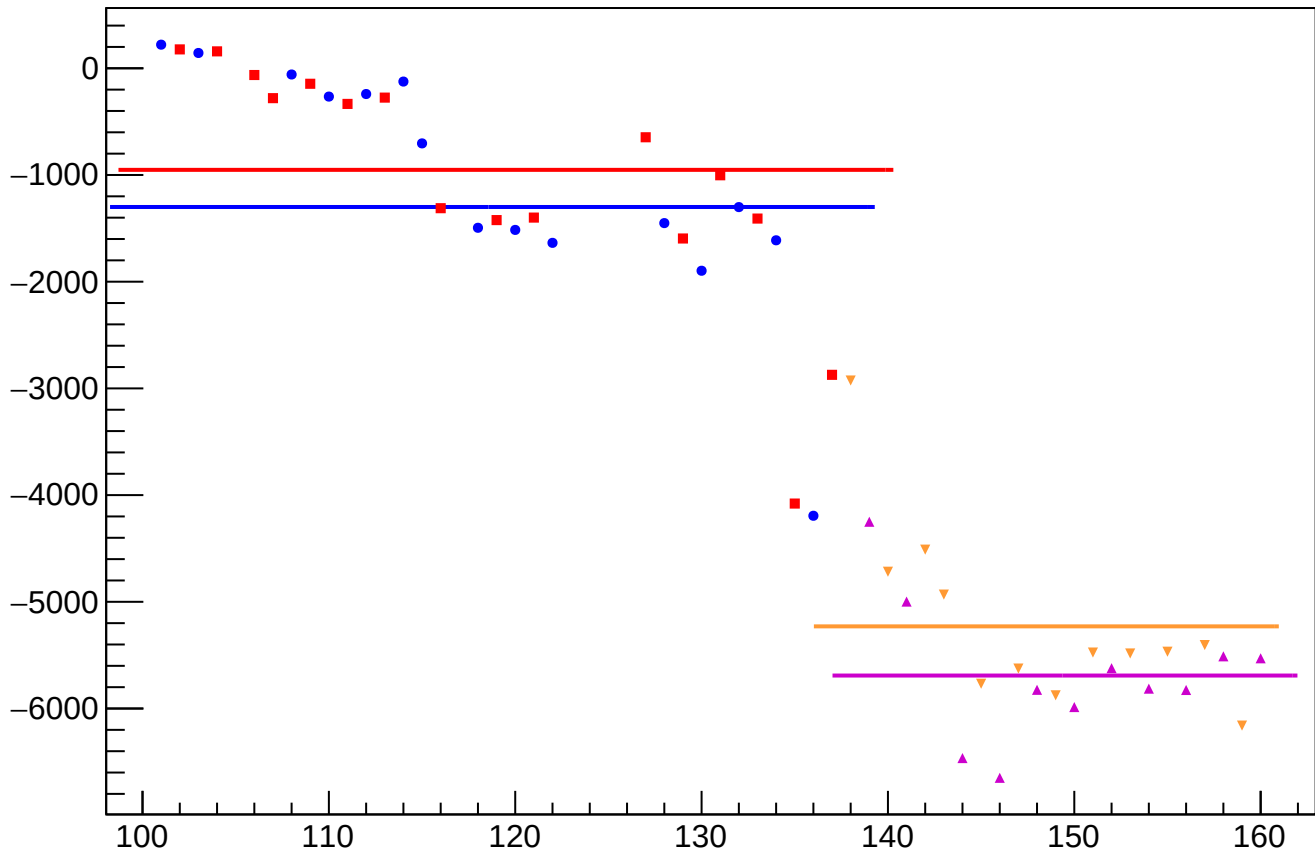
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -5230.164+/-0.000

+ sign -3598.213+/-0.000 χ^2/NDF : 7683373457426
 χ^2/NDF : 621337546754048275745011650527081005056.0/11

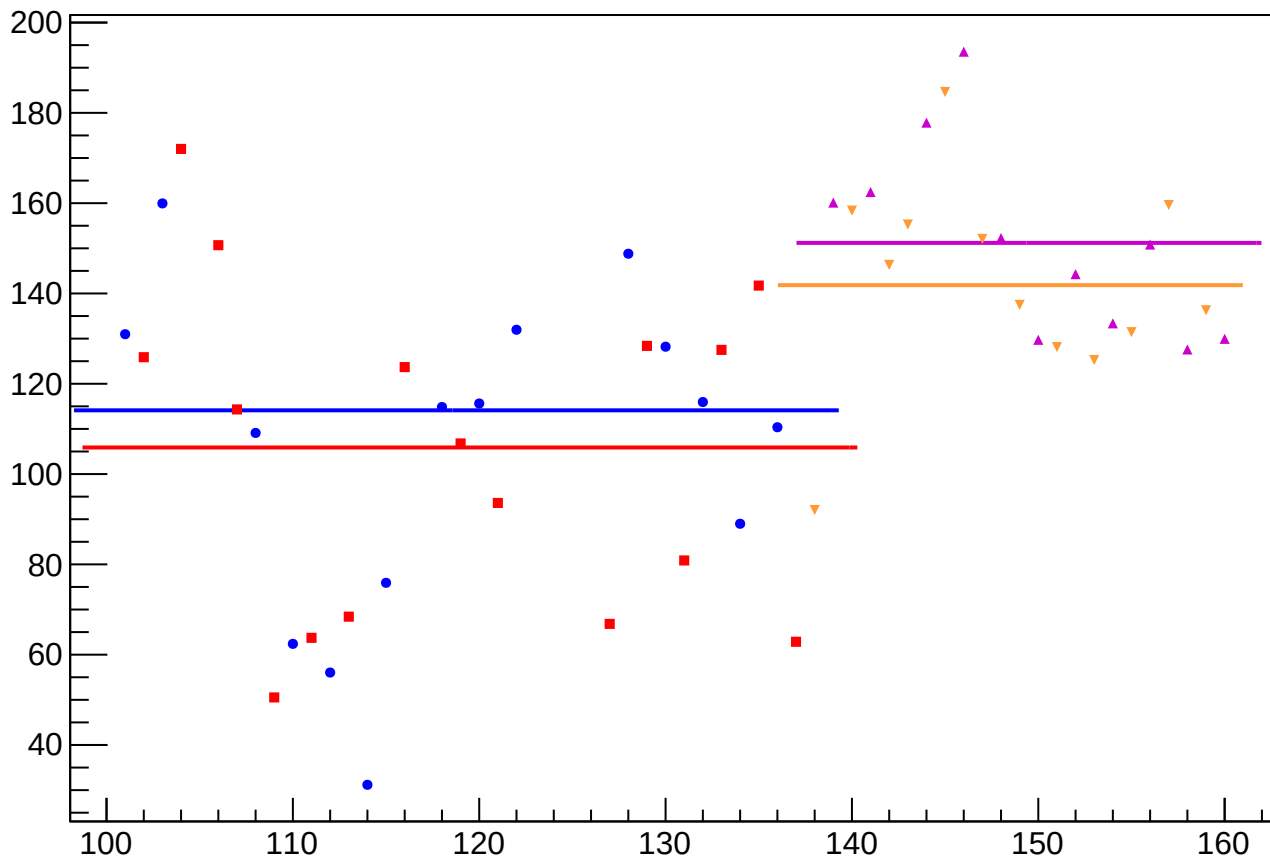
Right Out: -951.903+/-0.000

All: -3651.666+/-0.000 χ^2/NDF : 1758908860
 χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: -5690.941+/-0.000

- sign -3704.179+/-0.000 χ^2/NDF : 98968619860202
 χ^2/NDF : 355774620722948866968040460749891436544.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844 $\pm$ 0.000 χ^2 /NDF: 455273254245846333149237795723673600.0/11

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

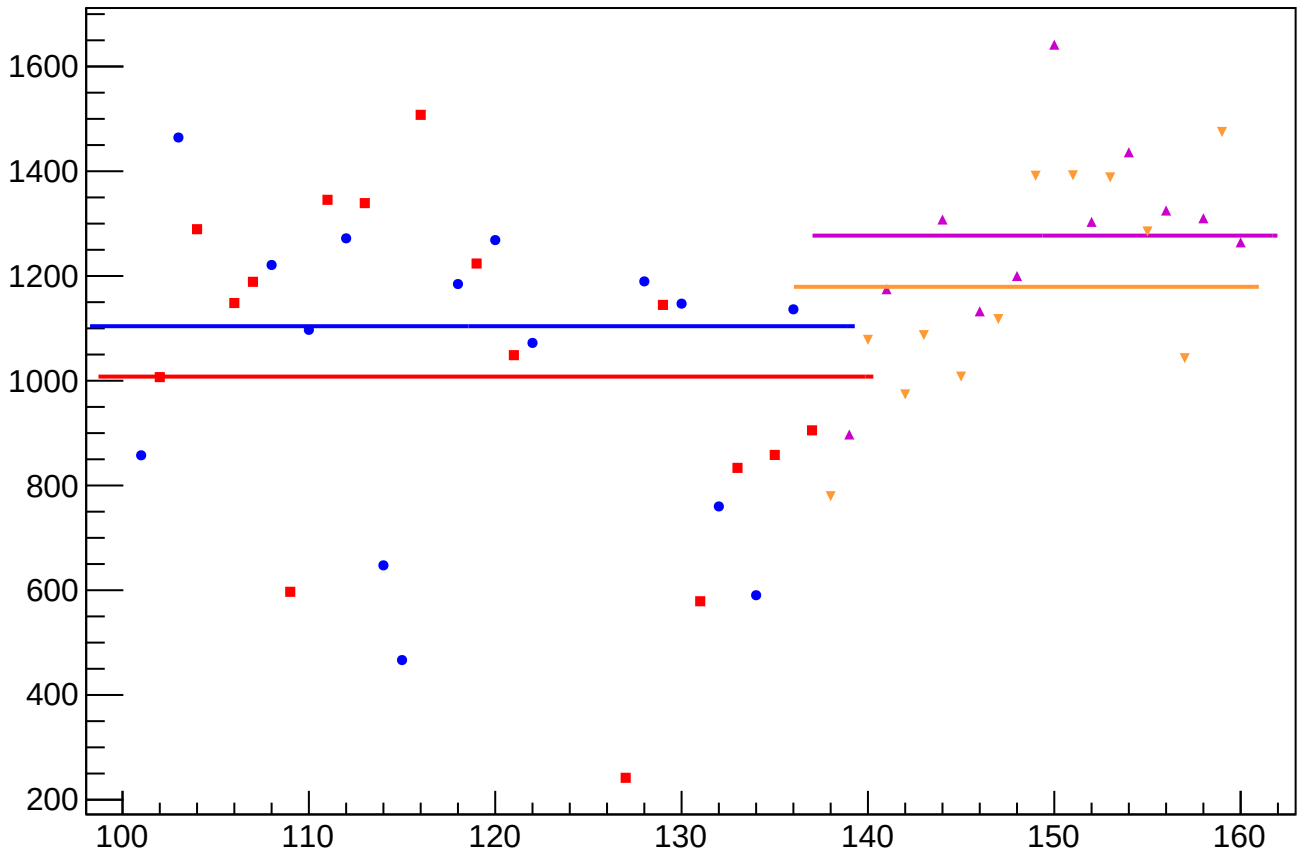
Left In: 151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10

+ sign 130.331 $\pm$ 0.000 χ^2 /NDF: 135424557525506

All: 131.277 $\pm$ 0.000 χ^2 /NDF: 338649926322

- sign 132.206 $\pm$ 0.000 χ^2 /NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

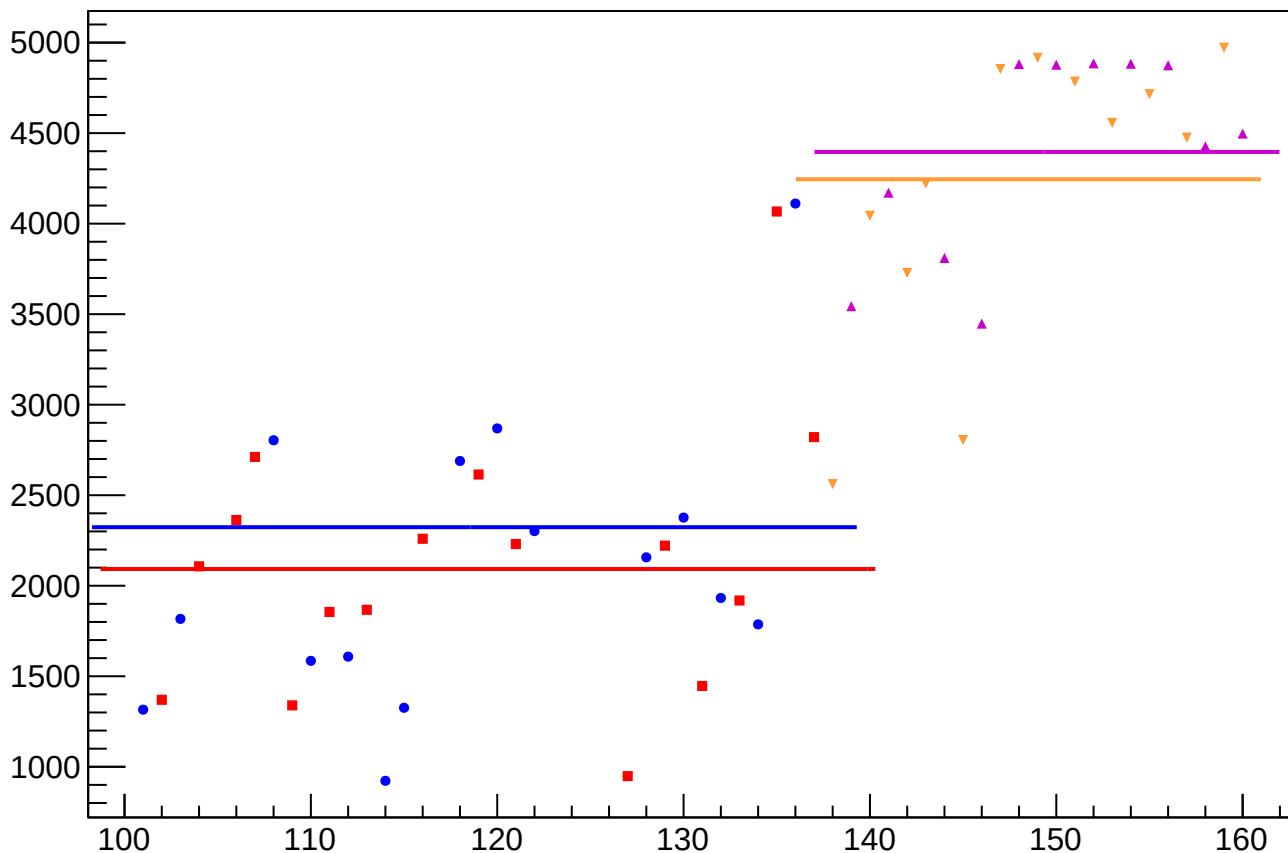
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

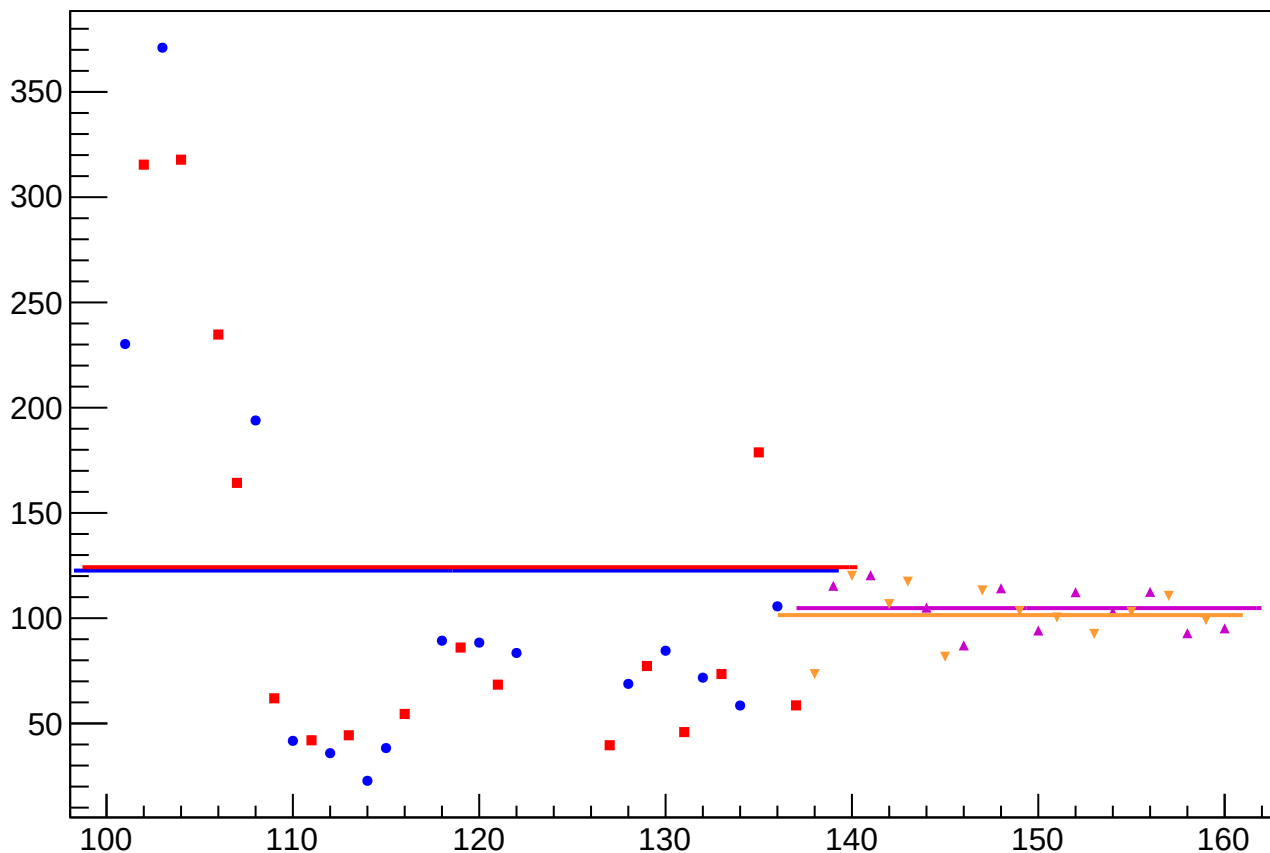
- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3447.245+/-0.000	χ^2/NDF : 24382907413963
Left Out: 4245.269+/-0.000	χ^2/NDF : 560100037882540295630660663570463719424.0/11	All: 3438.707+/-0.000	χ^2/NDF : 51316040482
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3430.319+/-0.000	χ^2/NDF : 26930874223674
Left In: 4396.069+/-0.000	χ^2/NDF : 270326441631367265143713722564756897792.0/10		

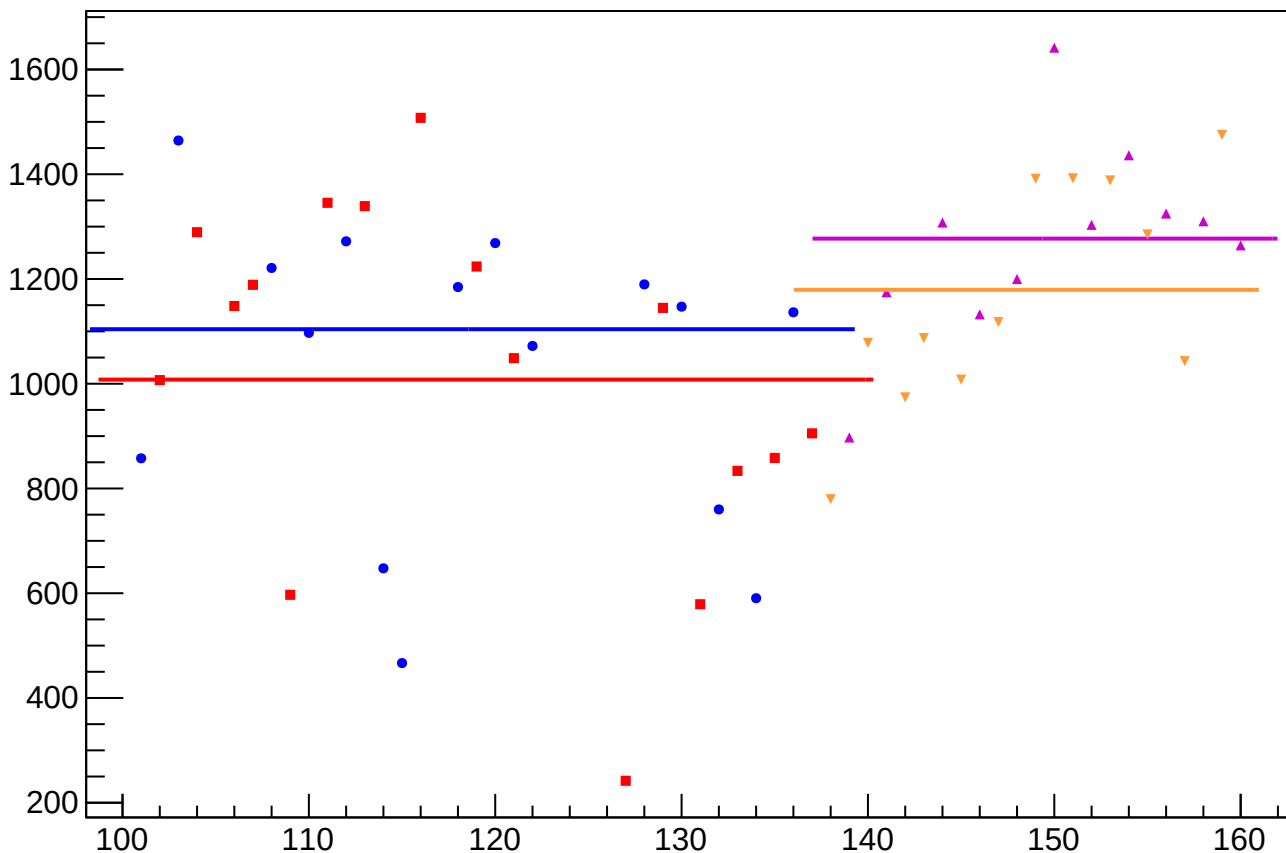
dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000	χ^2/NDF : 5937504661187691145903235842749497344.0/14
Left Out: 101.470+/-0.000	χ^2/NDF : 163606586609215515174601139620413440.0/11
Right Out: 124.216+/-0.000	χ^2/NDF : 6549627589629012958791202941129719808.0/15
Left In: 104.786+/-0.000	χ^2/NDF : 102013785381333837493435451846950912.0/10

+ sign 110.253+/-0.000 χ^2/NDF : 627090967671002
 All: 111.604+/-0.000 χ^2/NDF : 130744524723
 - sign 112.932+/-0.000 χ^2/NDF : 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF : 38742916032610862911819544133355175936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

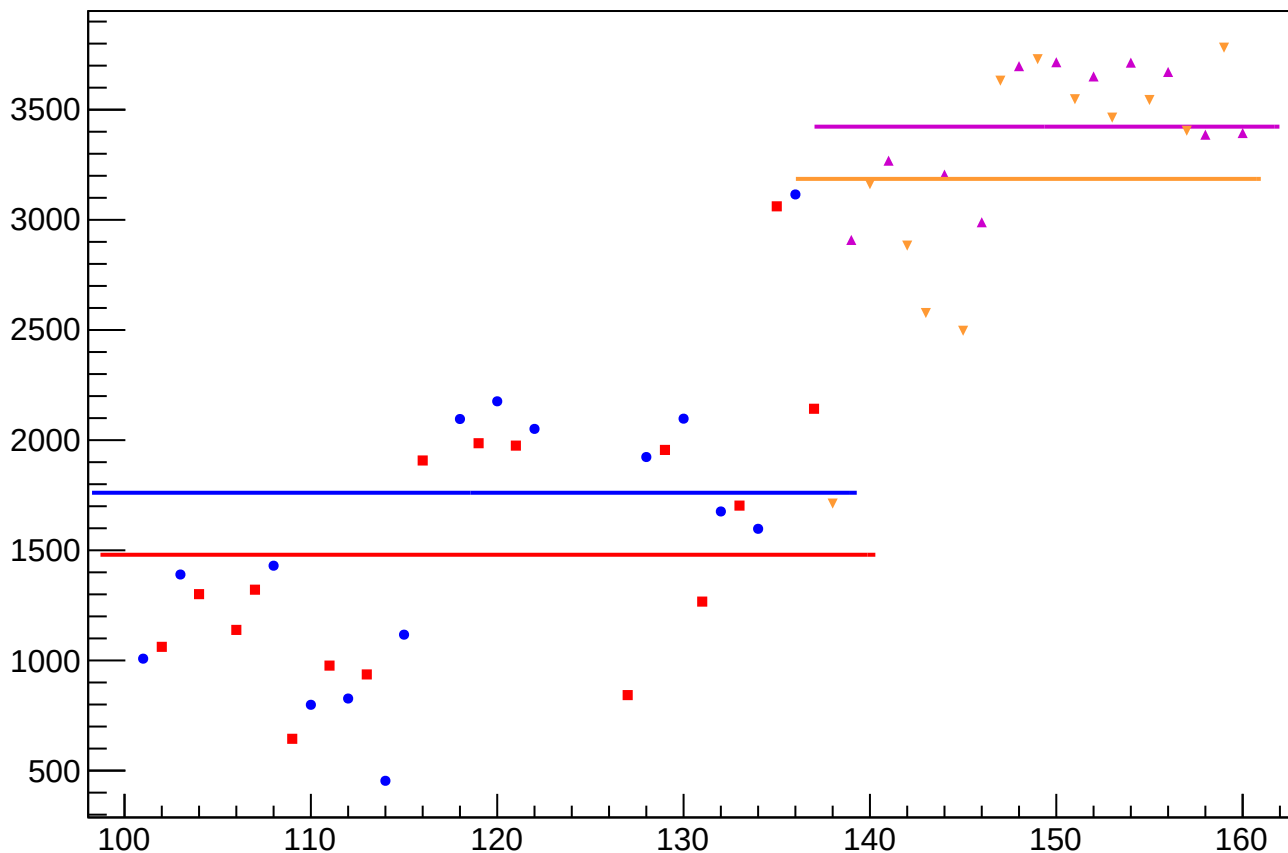
Left In: 1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625

All: 1156.244+/-0.000 χ^2/NDF : 20056102034

- sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_sam8_coil3_mean vs Slug



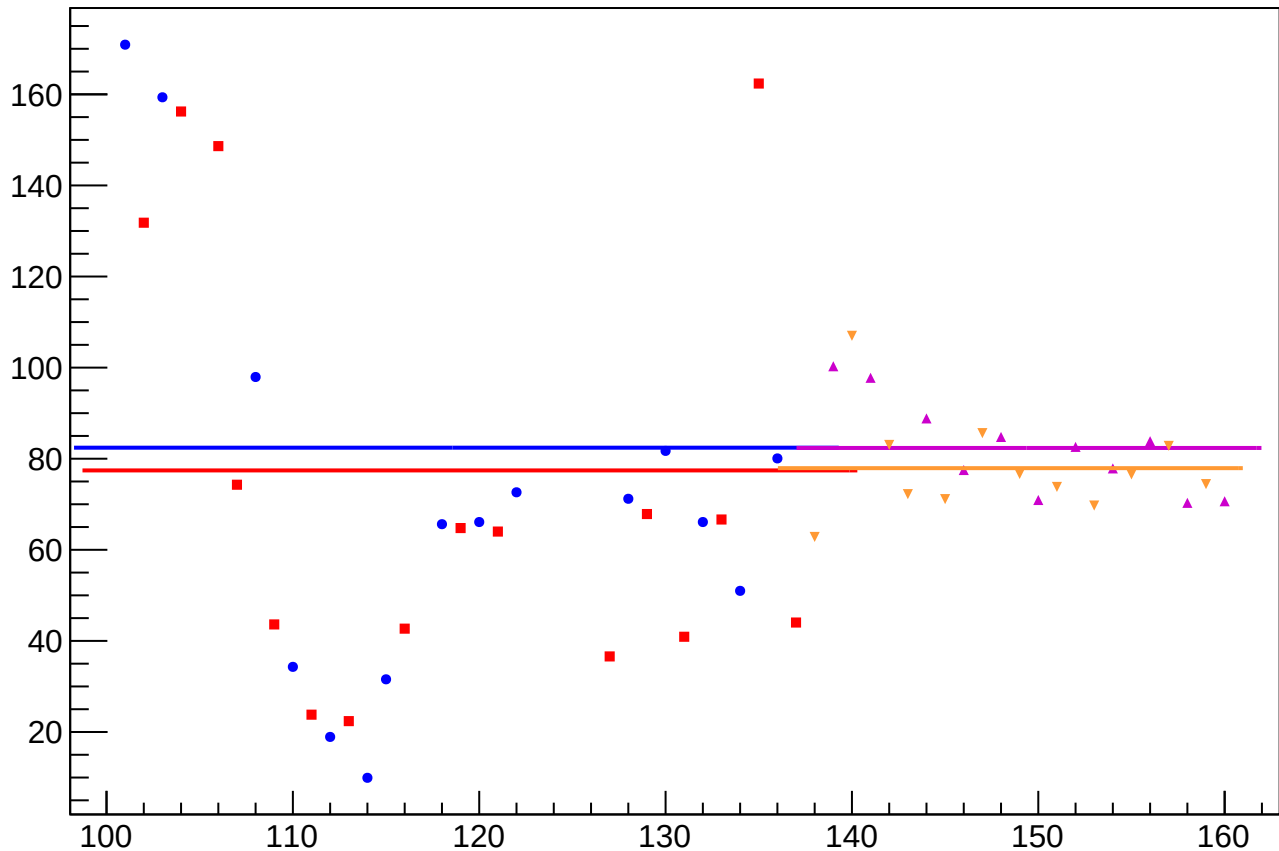
Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF : 334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

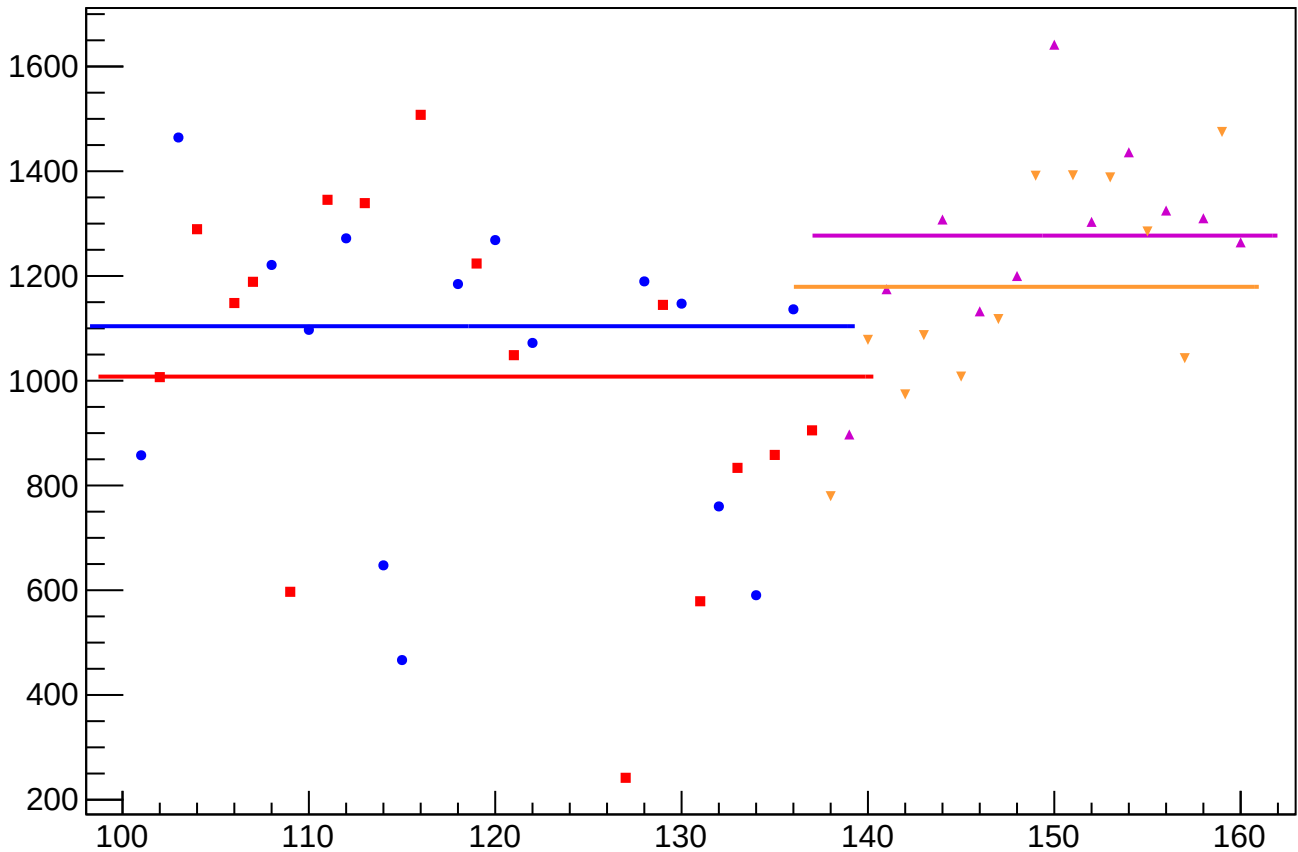
Left In: 3423.018+/-0.000 χ^2/NDF : 74537038842088882463869581727568494592.0/10

dit_sam8_coil3_err_mean vs Slug



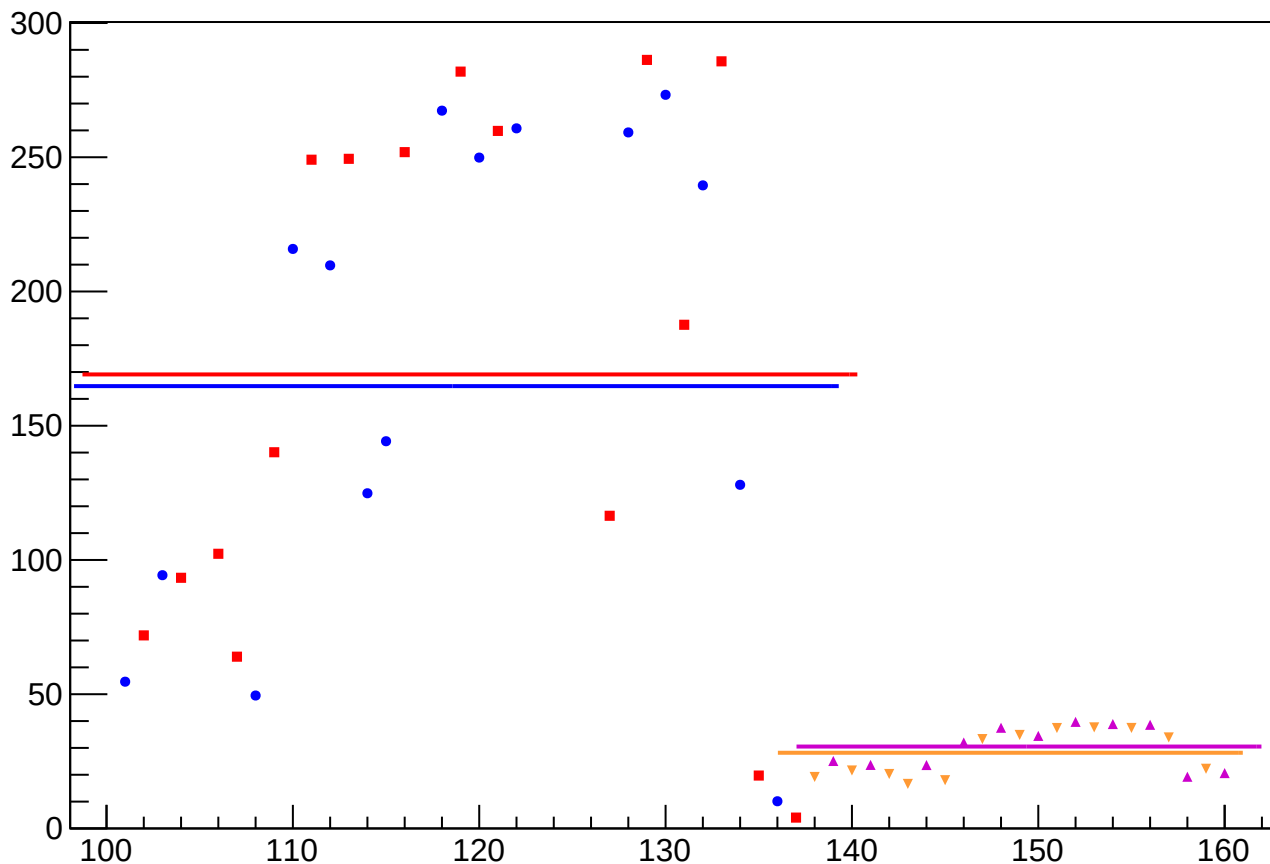
Right In: 82.422+/-0.000	χ^2/NDF : 1263633347129443757477527241185296384.0/14	+ sign 79.794+/-0.000	χ^2/NDF : 1380118069986945
Left Out: 77.927+/-0.000	χ^2/NDF : 108816585289567770159719515210907648.0/11	All: 80.046+/-0.000	χ^2/NDF : 2993351942483
Right Out: 77.430+/-0.000	χ^2/NDF : 1515456409368458038568290276111024128.0/15	- sign 80.294+/-0.000	χ^2/NDF : 1613036492452020
Left In: 82.361+/-0.000	χ^2/NDF : 88160536769186096496846966890692608.0/10		

dit_sam8_coil3_Ndata_mean vs Slug



+ sign 1148.100+/-0.000 χ^2/NDF : 73628368958625
 All: 1156.244+/-0.000 χ^2/NDF : 20056102034
 - sign 1164.243+/-0.000 χ^2/NDF : 12672719249309

dit_4aX_coil7_mean vs Slug



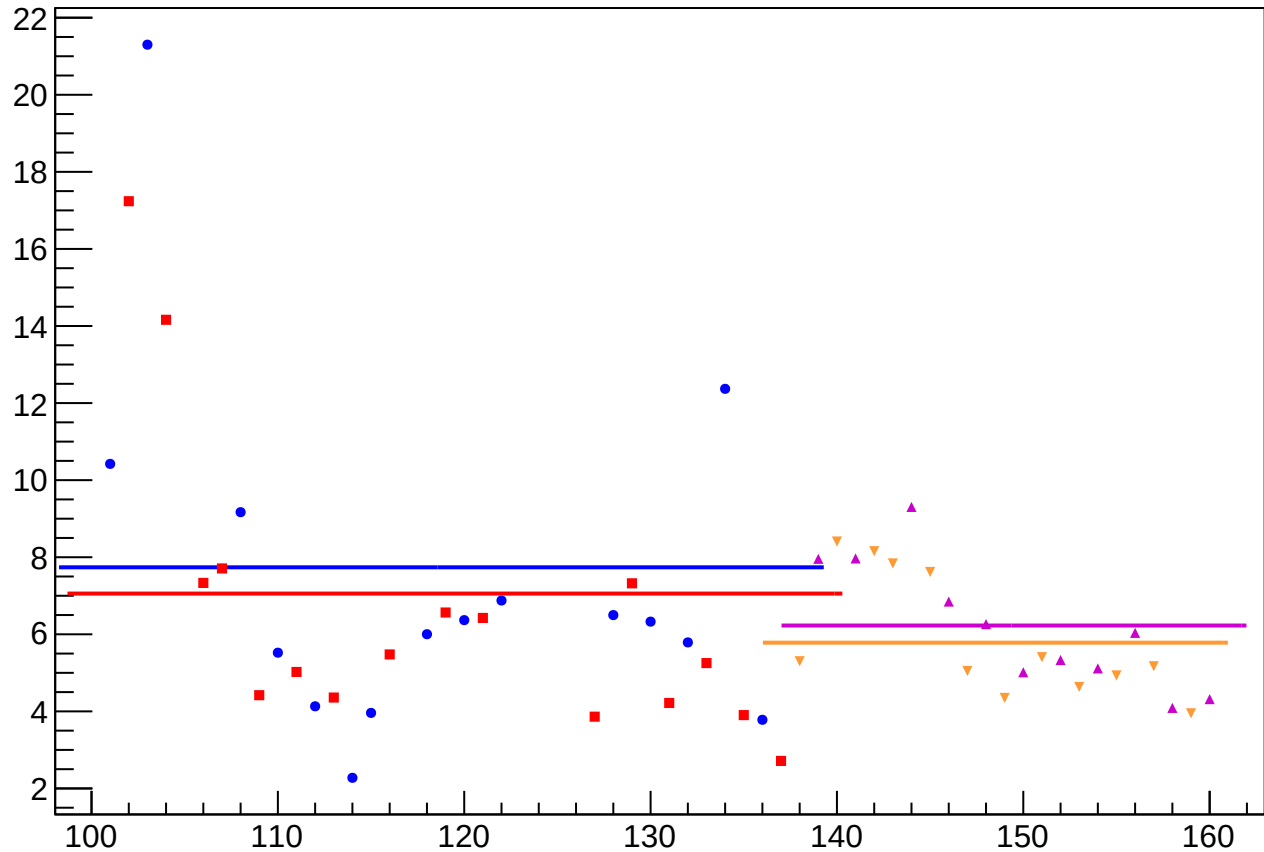
Right In: 164.752 ± 0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 28.192 ± 0.000 χ^2/NDF : 62073928949862768083975059378536448.0/11

Right Out: 169.108 ± 0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 30.507 ± 0.000 χ^2/NDF : 52600700148274049801586699671699456.0/10

dit_4aX_coil7_err_mean vs Slug



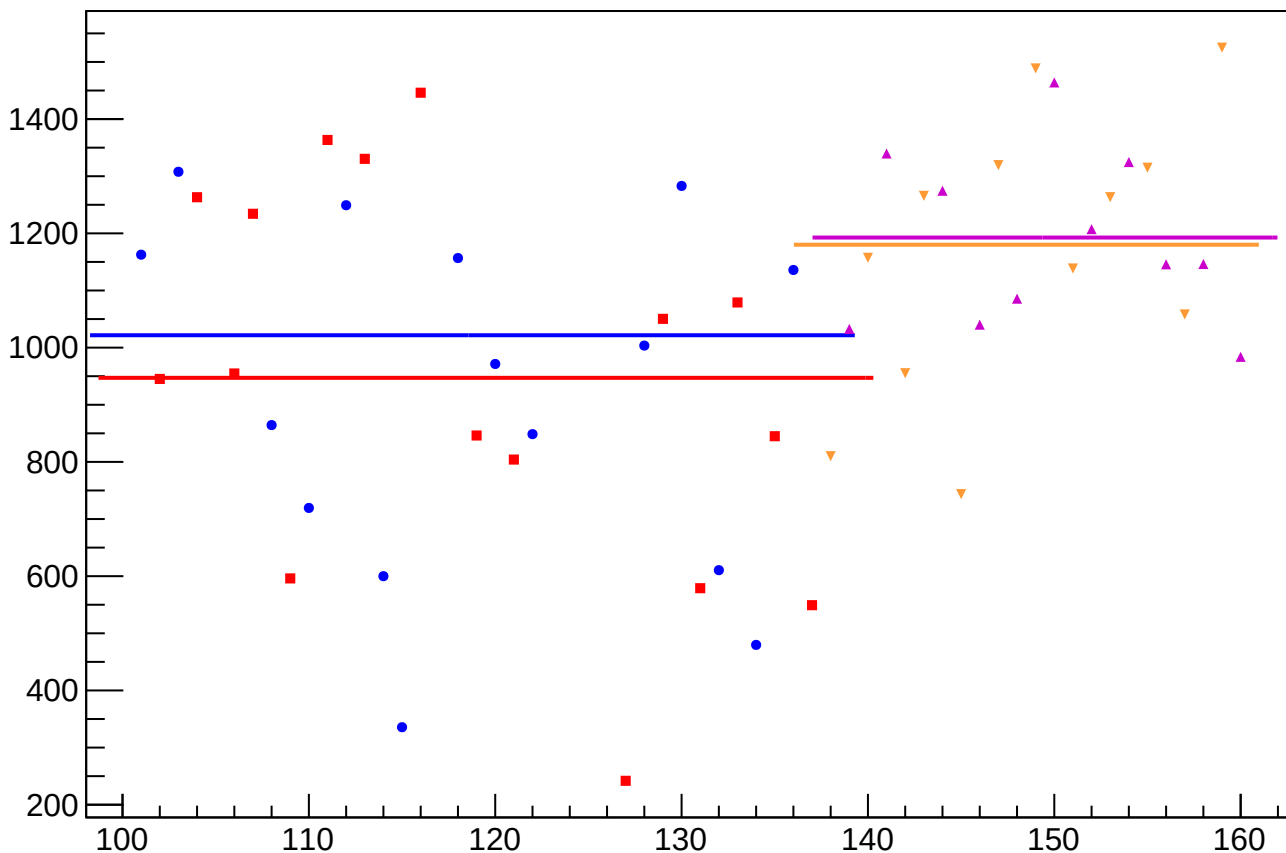
Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 5.783 ± 0.000 χ^2/NDF : 2082103650411209995862519006101504.0/11

Right Out: 7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

Left In: 6.228 ± 0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

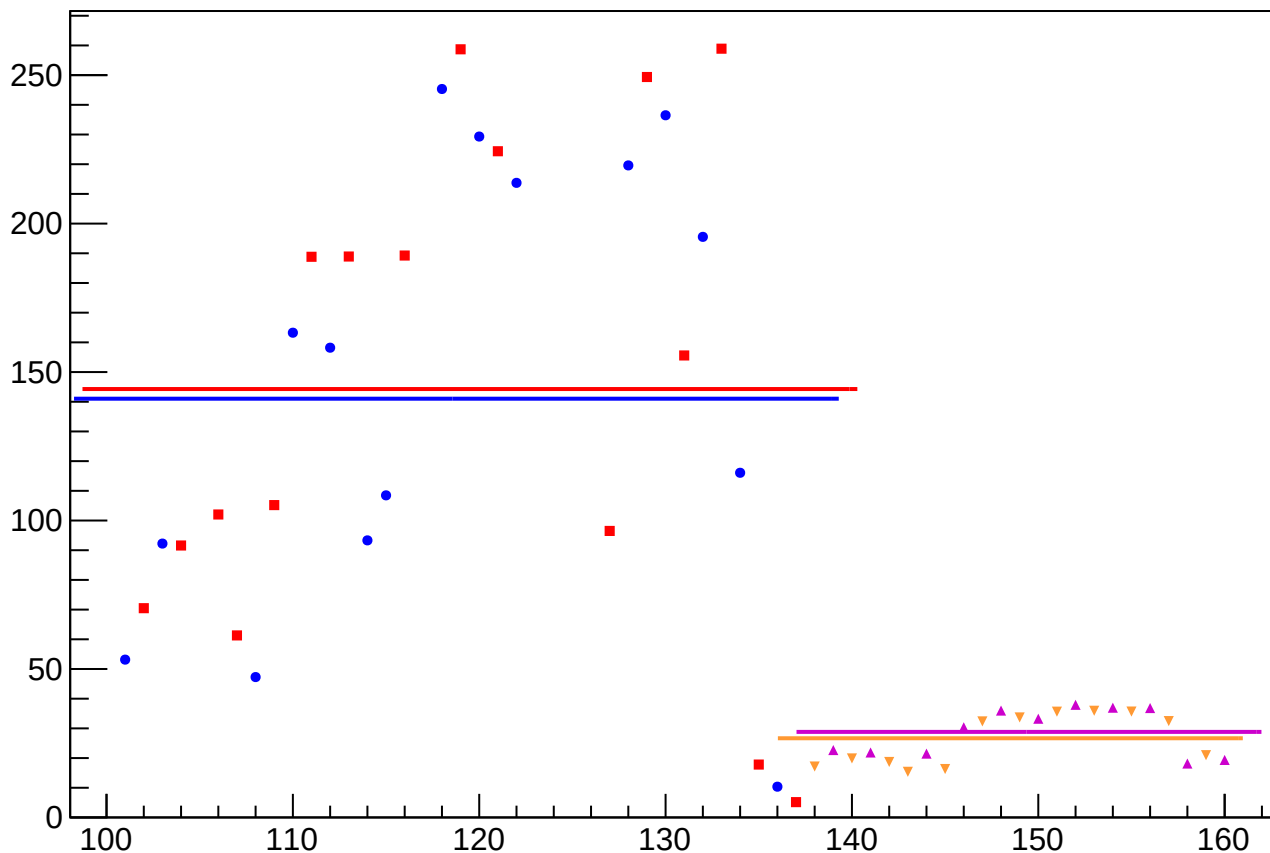
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

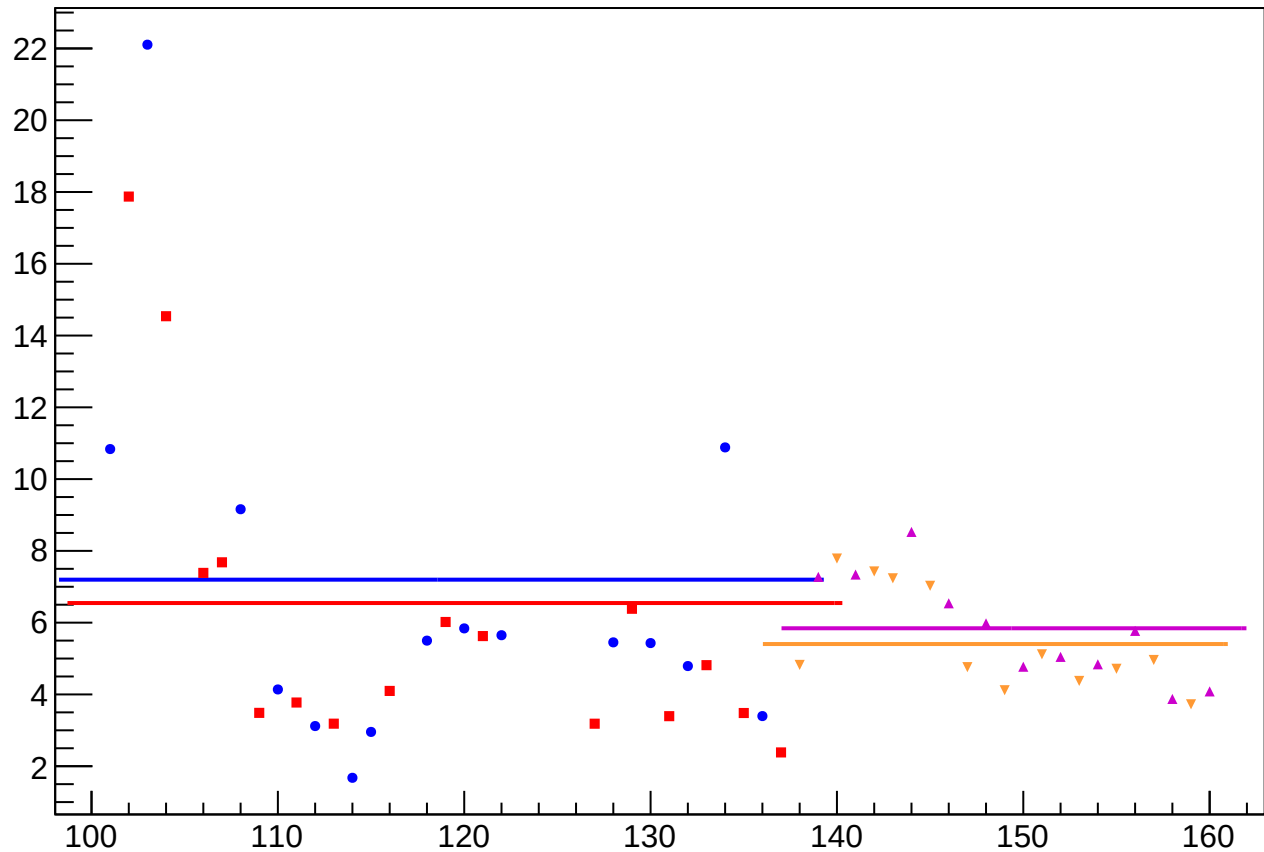
Left Out: 26.669+/-0.000 χ^2/NDF : 62522343114115856238629096966324224.0/11

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 28.817+/-0.000 χ^2/NDF : 52309797532132393990553277307027456.0/10

All: 75.703+/-0.000 χ^2/NDF : 1902686413208

dit_4eX_coil7_err_mean vs Slug



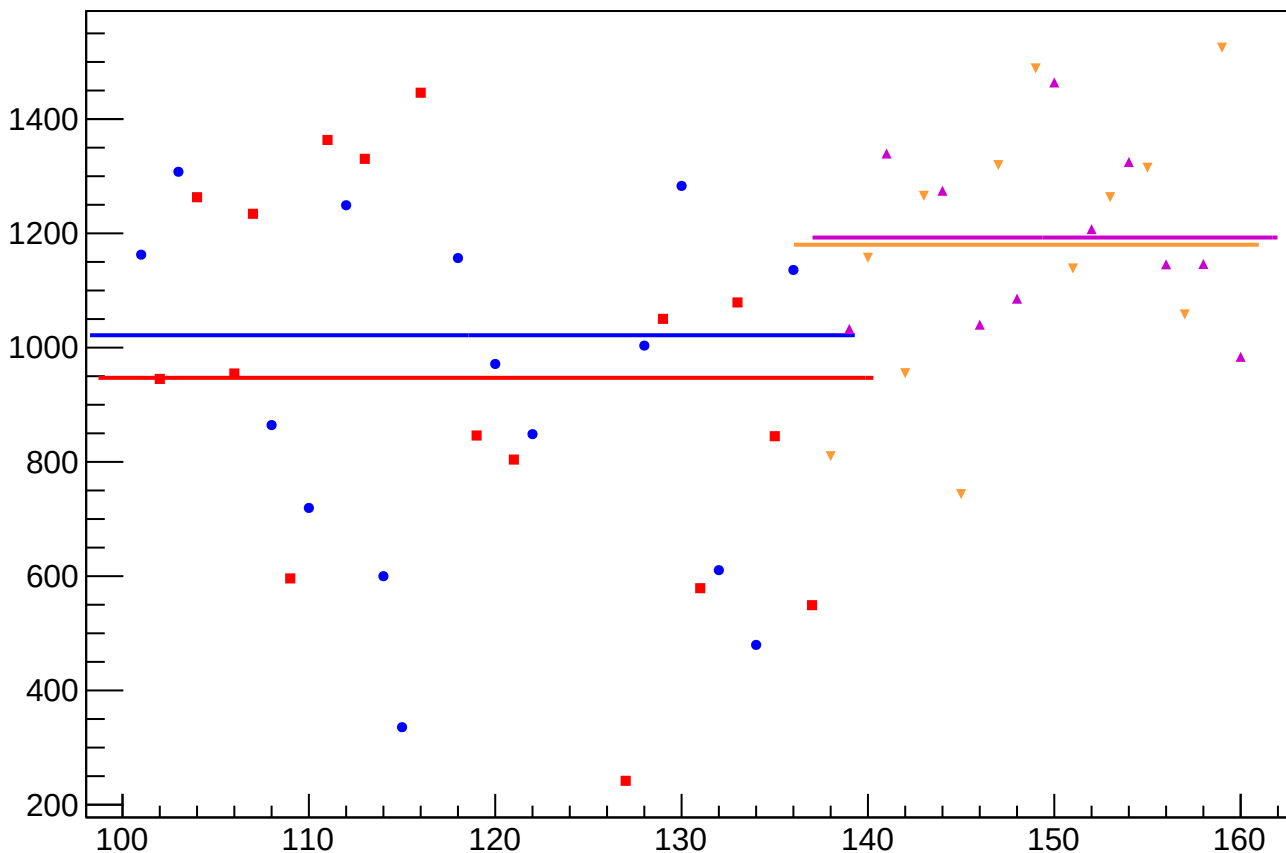
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF : 1657476673222734549536062415306752.0/11

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 5.843+/-0.000 χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

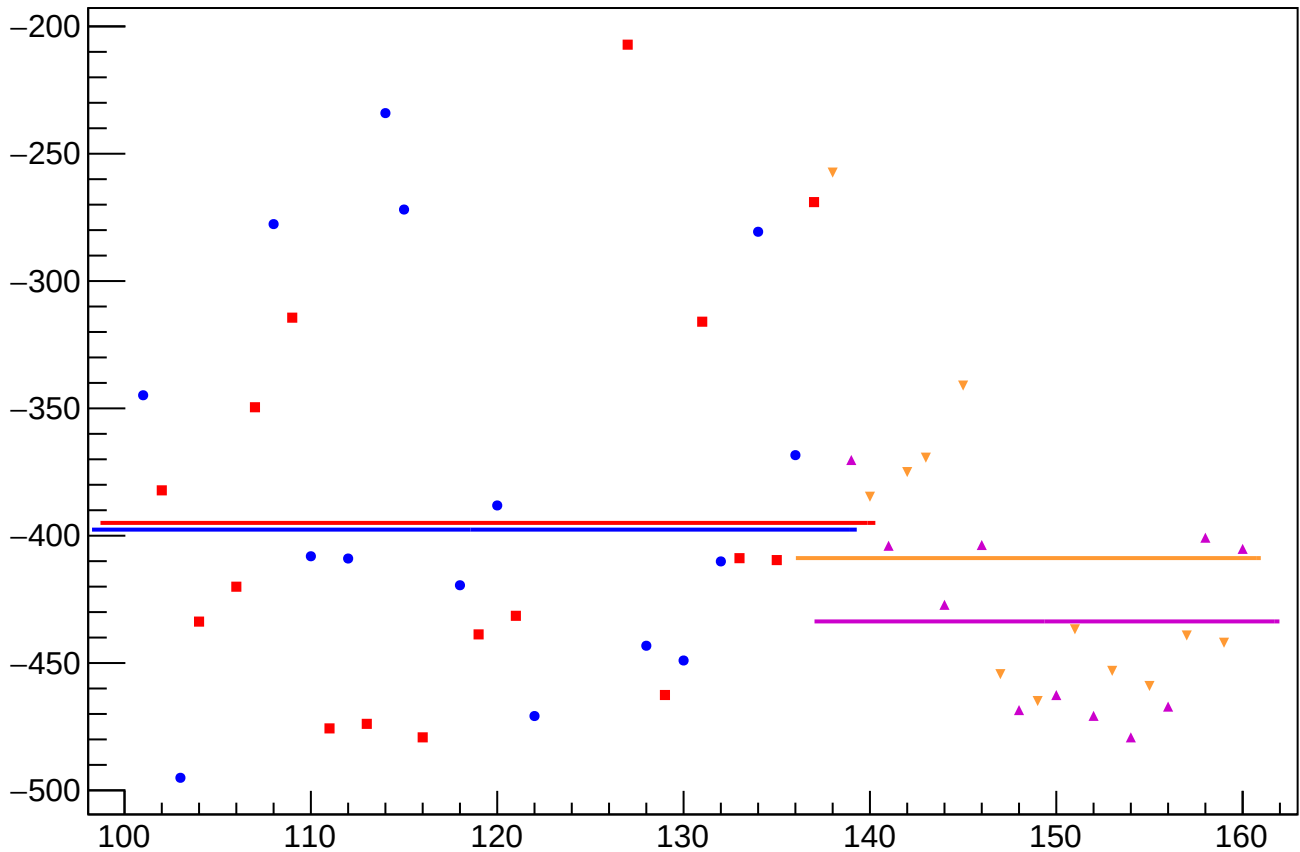
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

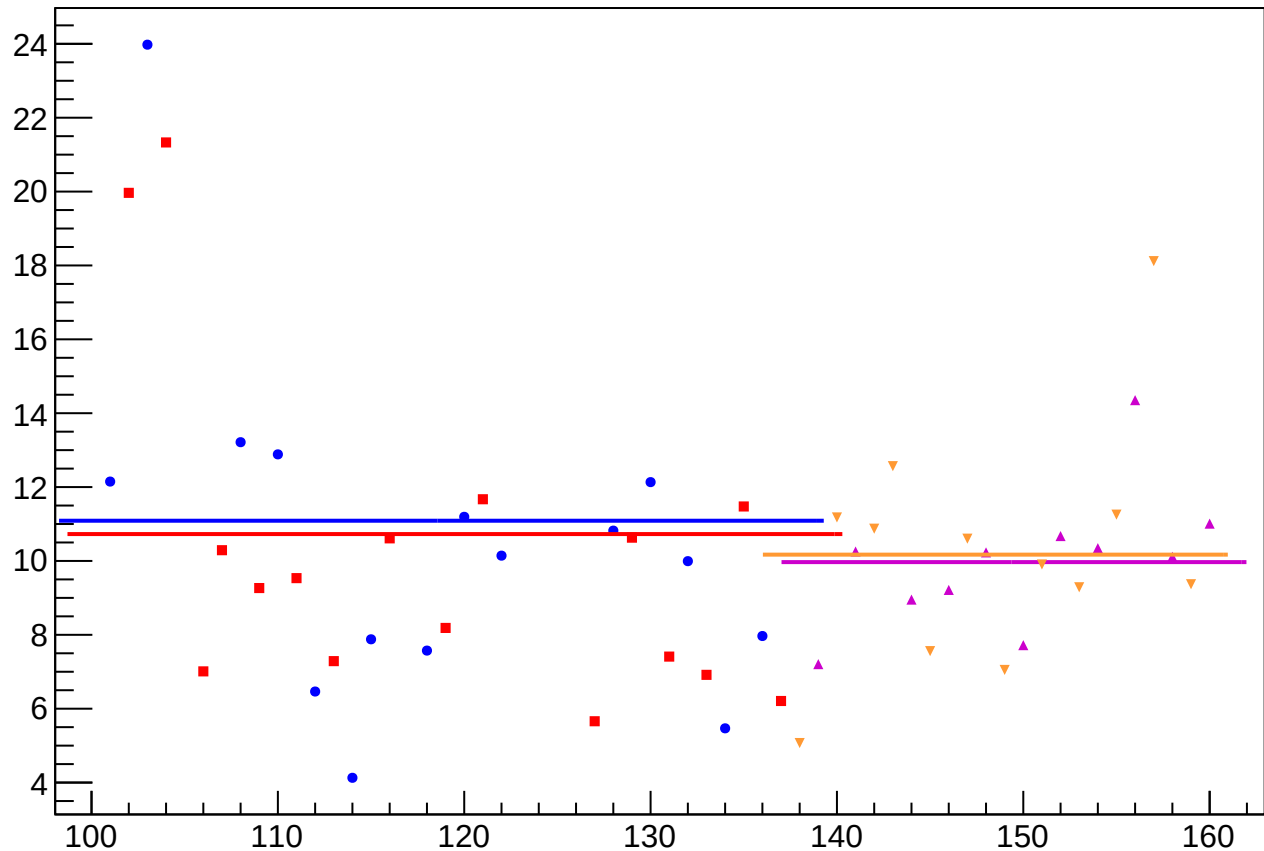
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613 ± 0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14
 Left Out: -408.794 ± 0.000 χ^2/NDF : 3366573213961692909439105040404971520.0/11
 Right Out: -394.973 ± 0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15
 Left In: -433.664 ± 0.000 χ^2/NDF : 1198237421385461104687495484599697408.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

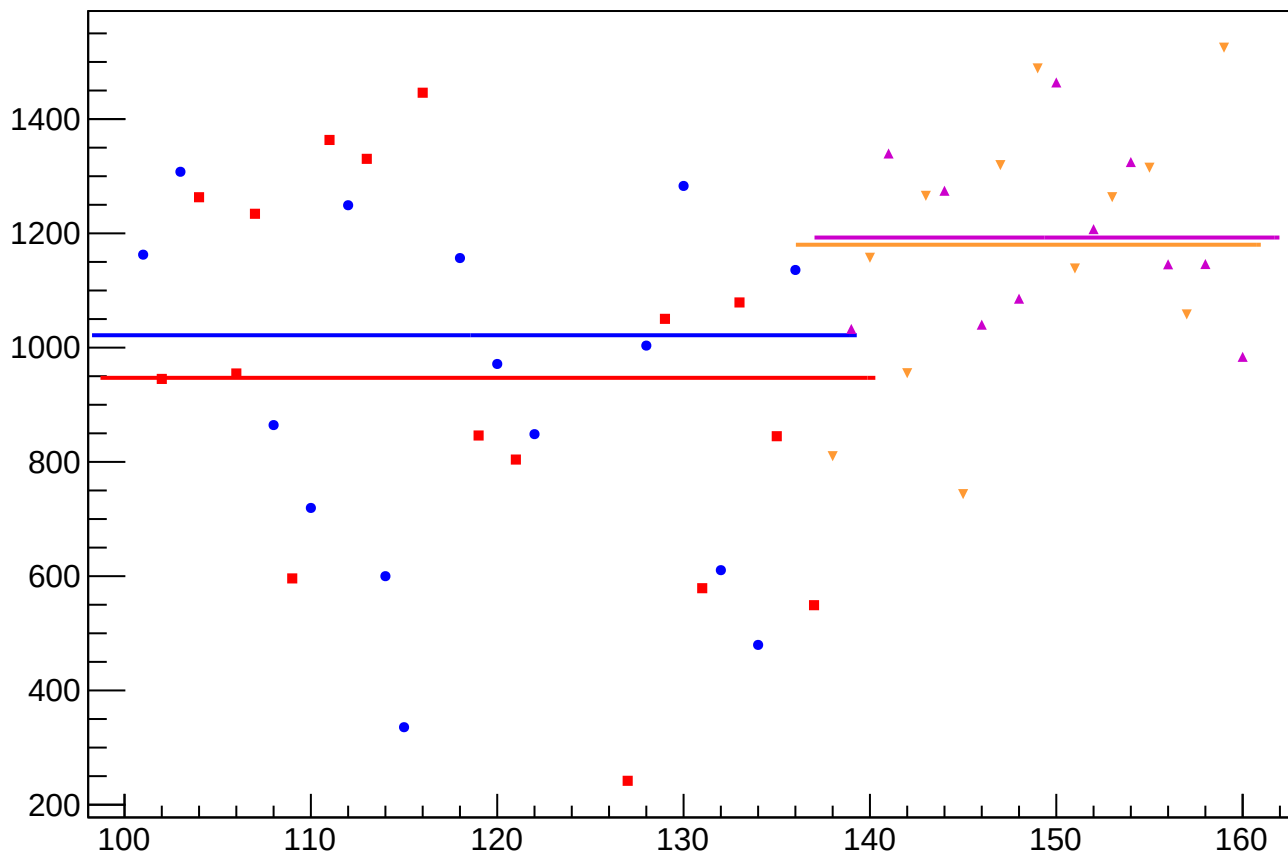
Left Out: 10.171 $\pm$ 0.000 χ^2 /NDF: 9089684940831859823552687731900416.0/11

Right Out: 10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

Left In: 9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10

All: 10.418 $\pm$ 0.000 χ^2 /NDF: 4159719349794

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

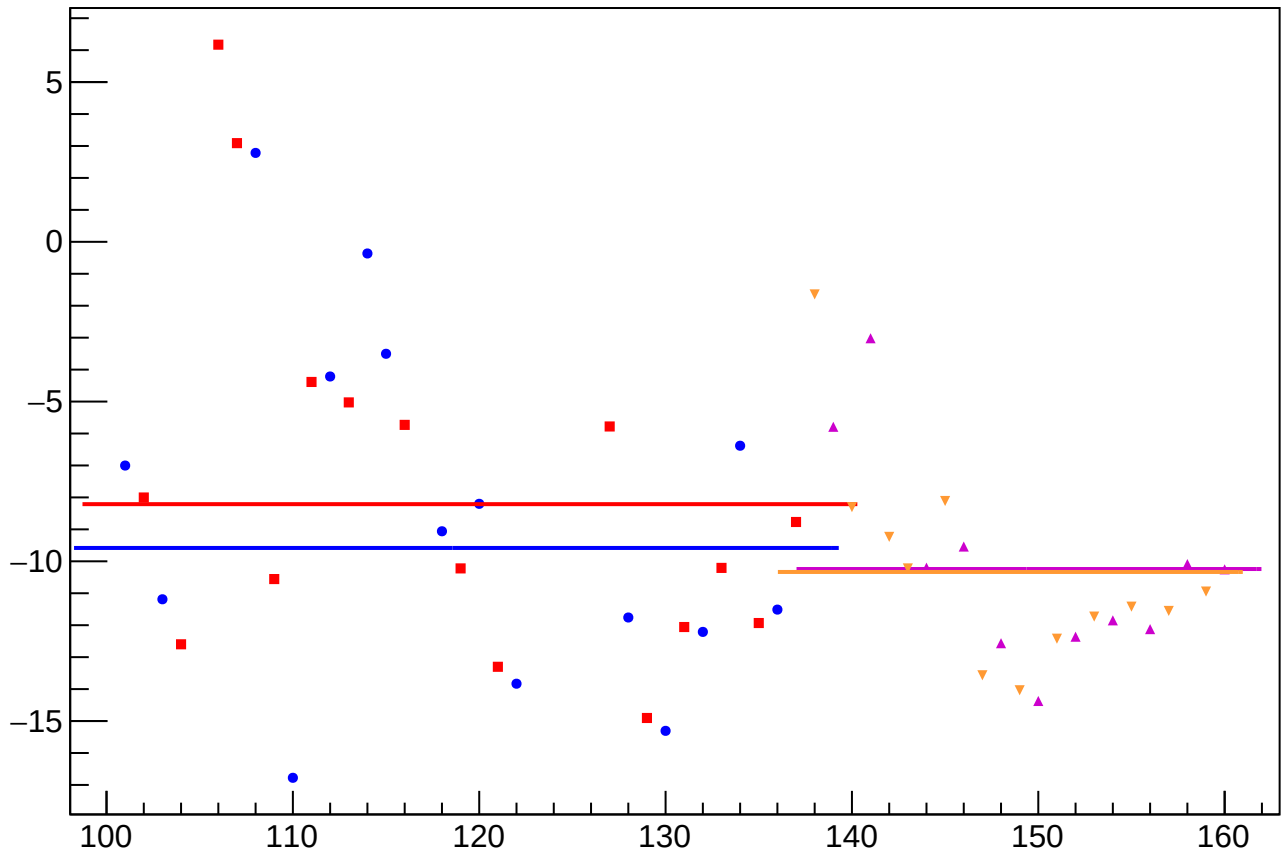
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



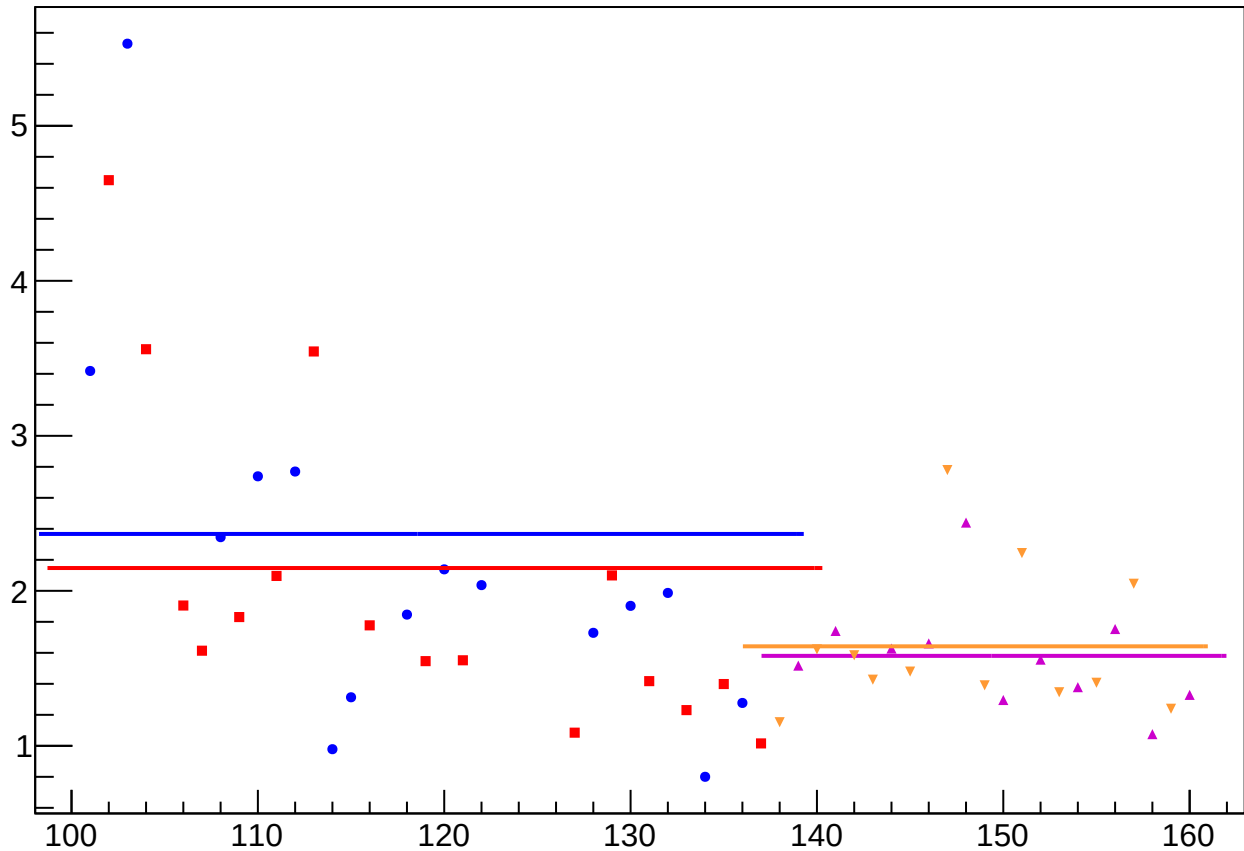
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$

Left Out: -10.333 ± 0.000 $\chi^2/\text{NDF}: 9377692425026365375047041474887680.0/11$

Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$

Left In: -10.241 ± 0.000 $\chi^2/\text{NDF}: 8992829088408430483485977772818432.0/10$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642 $\pm$ 0.000 χ^2 /NDF: 195842148226043527039909915262976.0/11

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

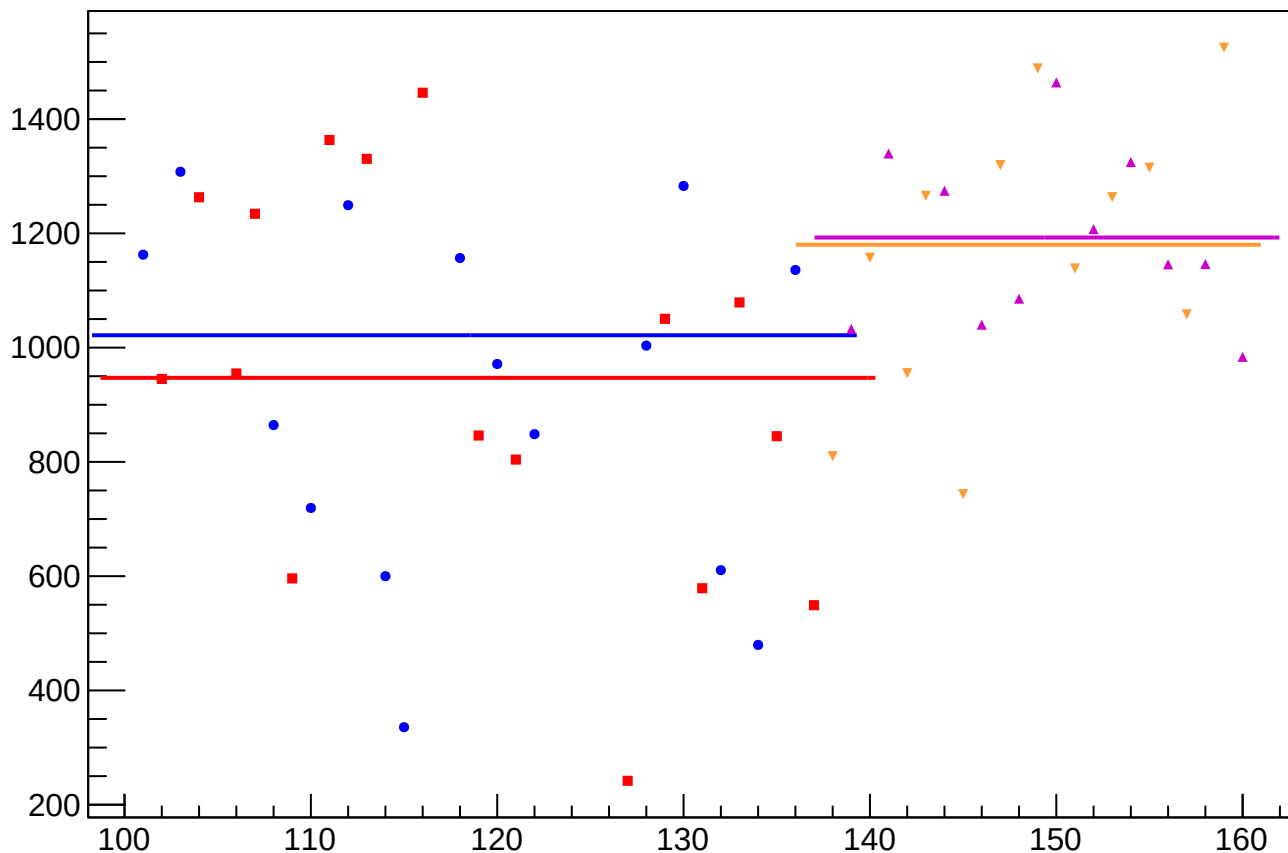
Left In: 1.580 $\pm$ 0.000 χ^2 /NDF: 104159820106689813353171792166912.0/10

+ sign 1.943 $\pm$ 0.000 χ^2 /NDF: 13159834417677760

All: 1.880 $\pm$ 0.000 χ^2 /NDF: 23210295231068

- sign 1.818 $\pm$ 0.000 χ^2 /NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

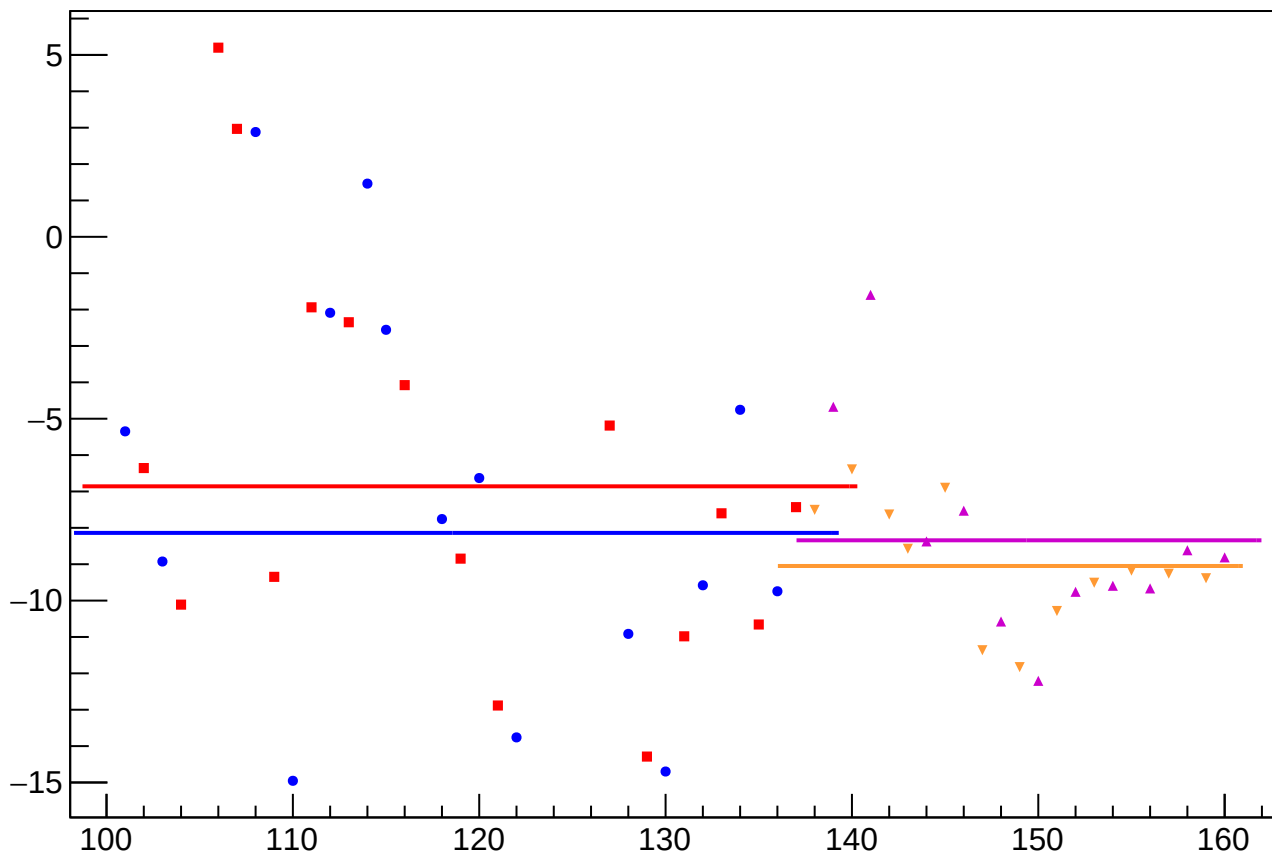
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -9.049 ± 0.000 χ^2/NDF : 2449058506184839792133889501167616.0/11

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

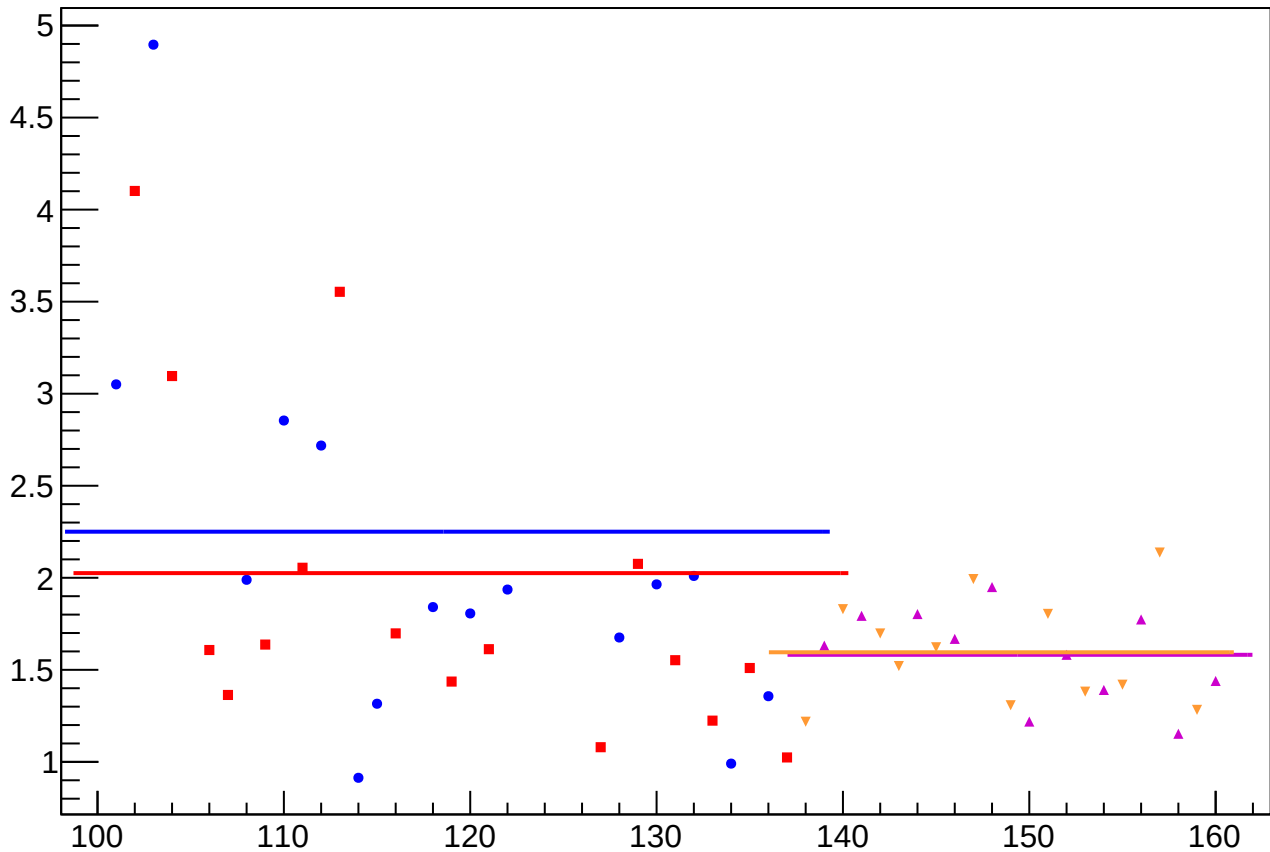
Left In: -8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10

+ sign -8.671 ± 0.000 χ^2/NDF : 1743954297052969

All: -8.191 ± 0.000 χ^2/NDF : 4275682258895

- sign -7.721 ± 0.000 χ^2/NDF : 24605417695217650

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250 ± 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.595 ± 0.000 χ^2/NDF : 76549213292208781148545230045184.0/11

Right Out: 2.025 ± 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

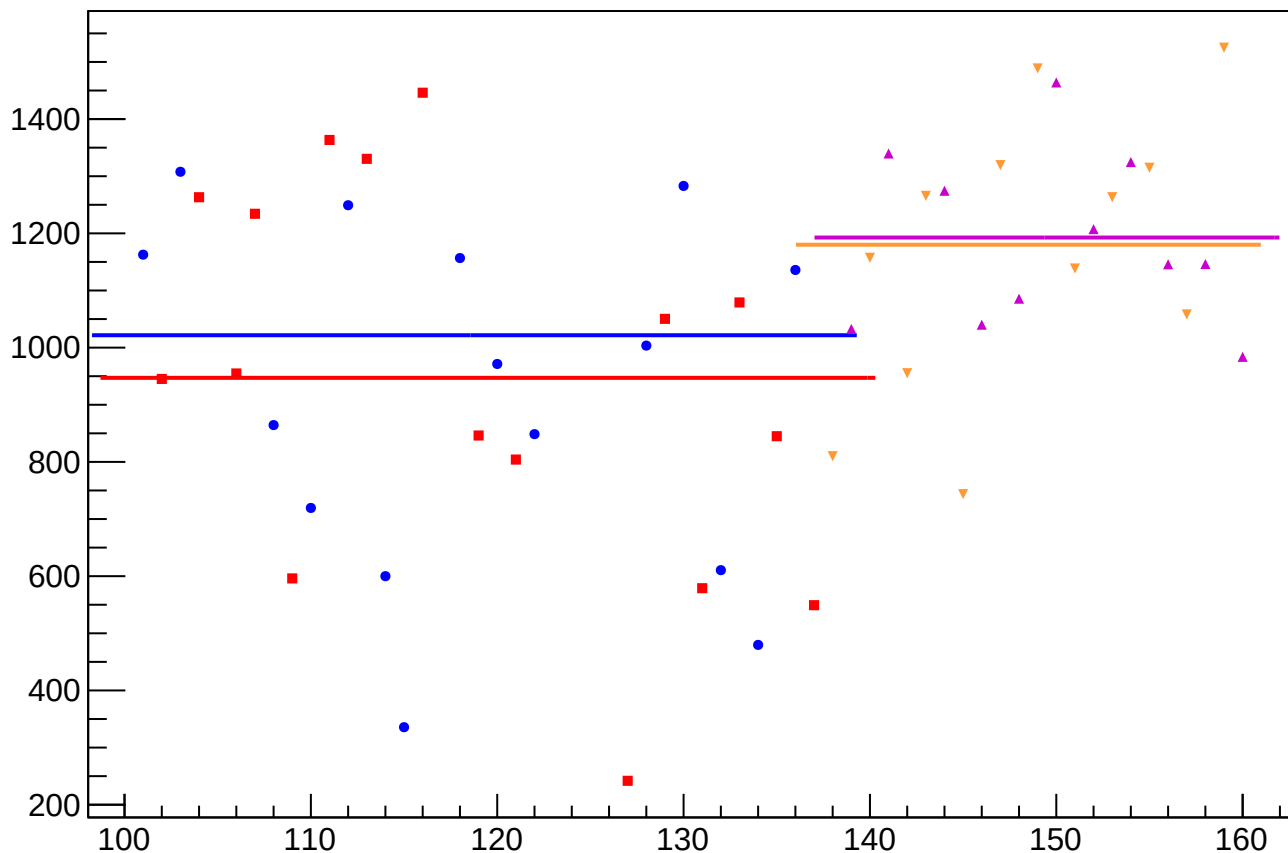
Left In: 1.582 ± 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10

+ sign 1.867 ± 0.000 χ^2/NDF : 89616849039259009

All: 1.817 ± 0.000 χ^2/NDF : 16139323147650

- sign 1.768 ± 0.000 χ^2/NDF : 70992647799477177

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

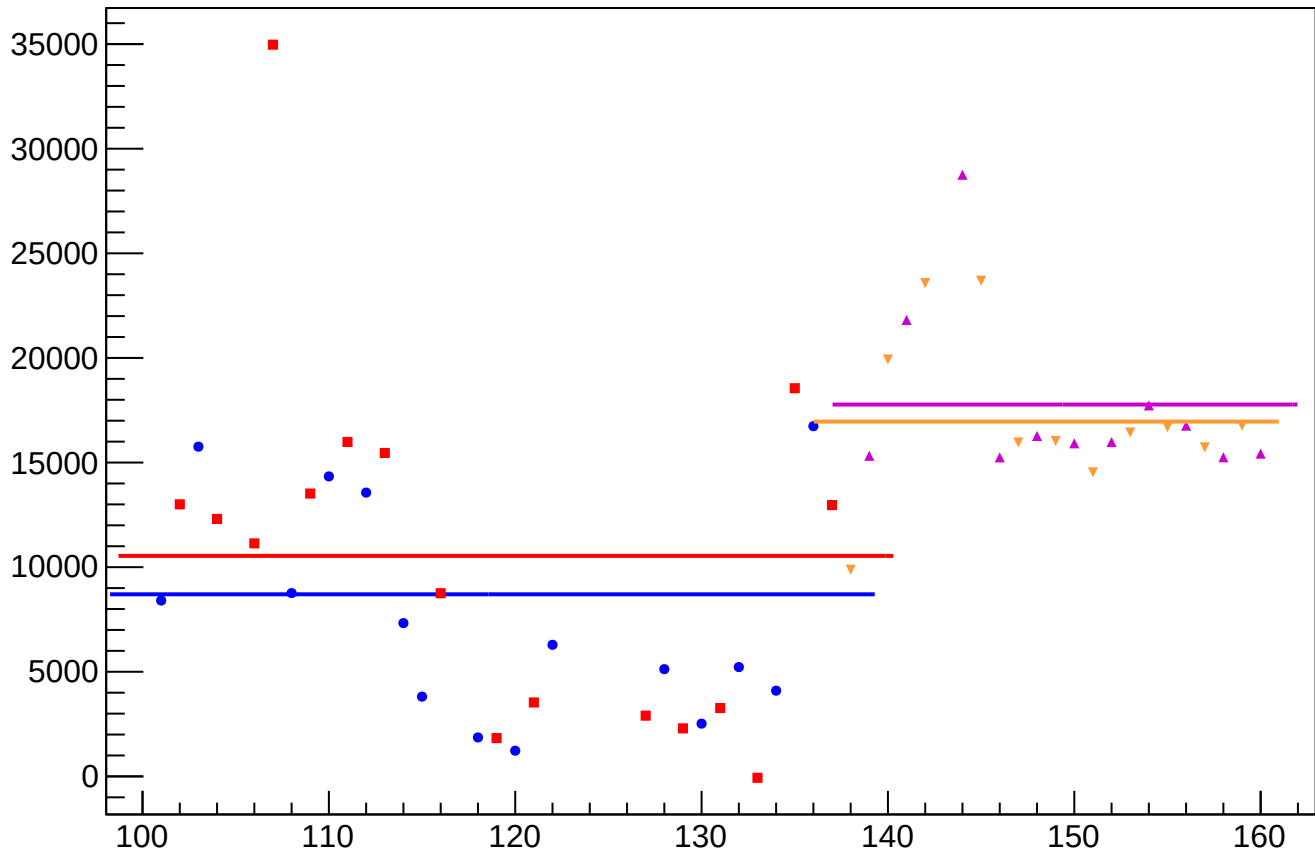
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

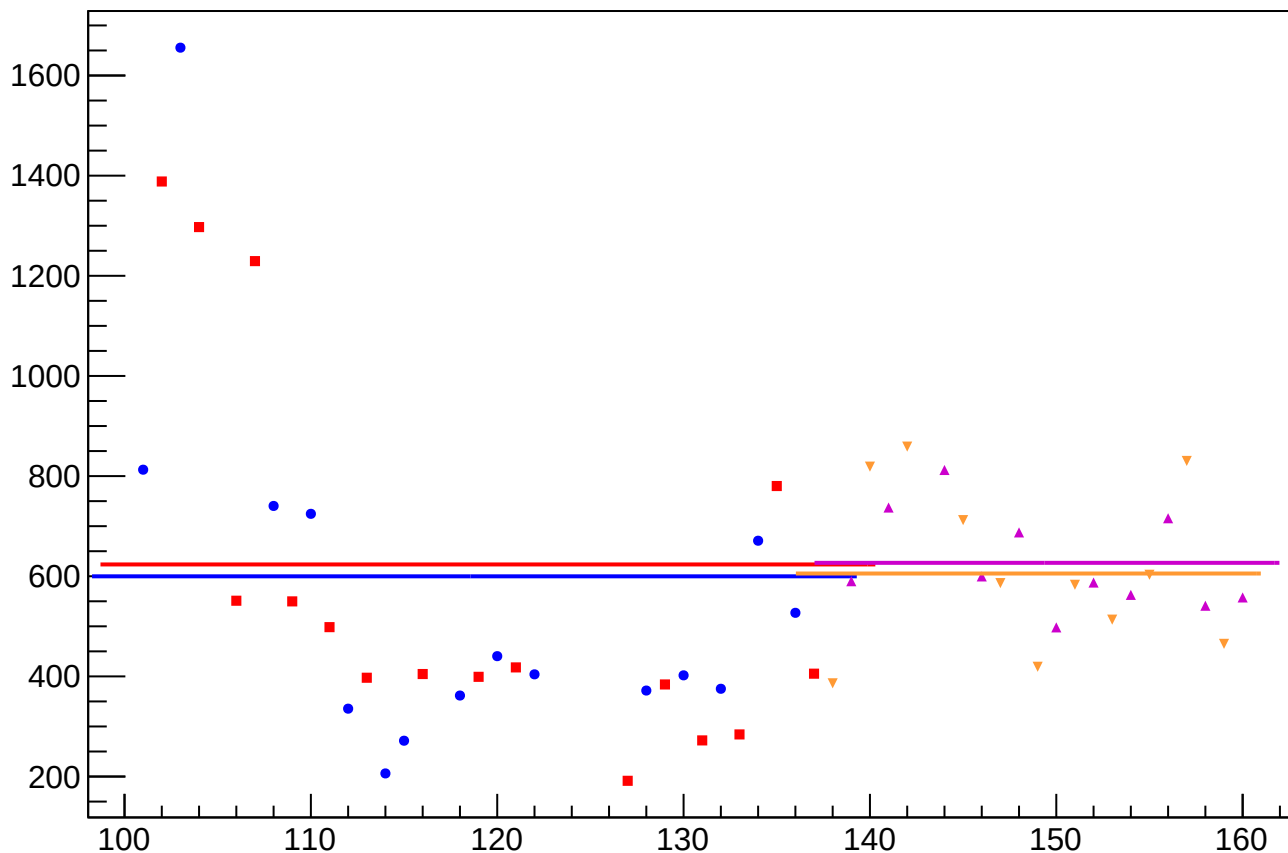
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16957.575+/-0.000 χ^2/NDF : 10938008625550561770285254297697243889664.0/10
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

+ sign 603.023+/-0.000 χ^2/NDF : 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF : 20600036696576889686488913862706855936.0/10

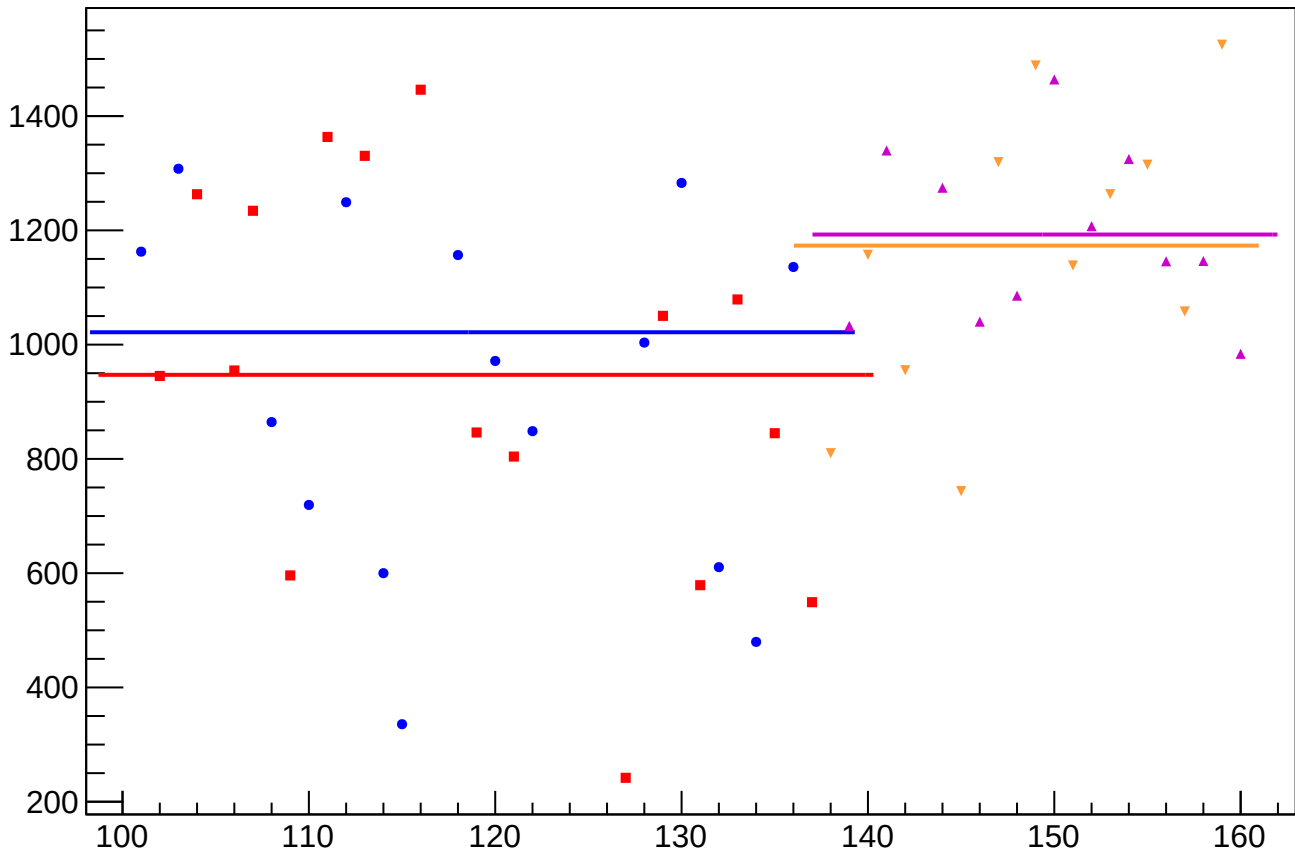
All: 614.575+/-0.000 χ^2/NDF : 219881740645

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF : 109623841978162

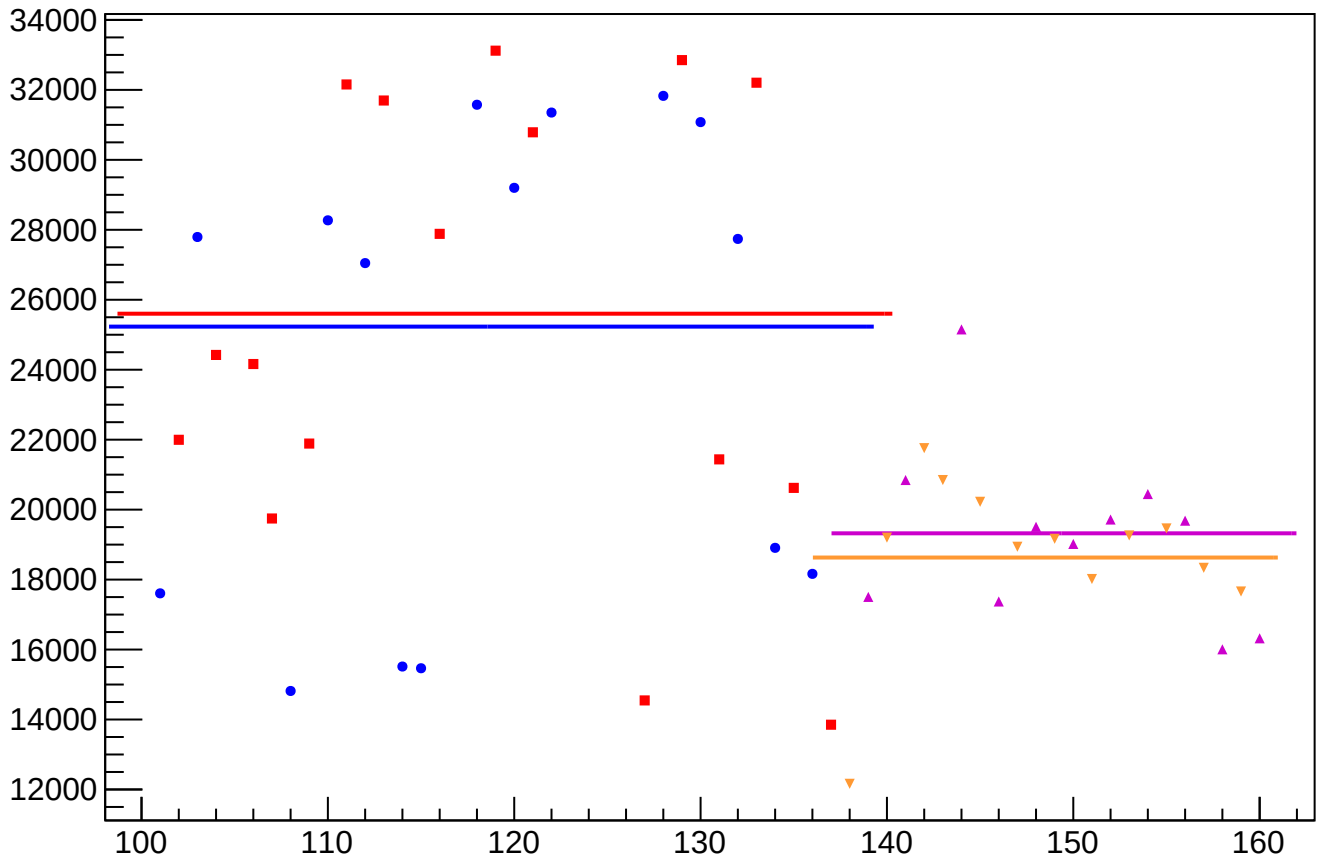
Left In: 626.785+/-0.000 χ^2/NDF : 8170989429665370050254275774703992832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1107.545+/-0.000	χ^2/NDF : 99202805471874
Left Out: 1173.334+/-0.000	χ^2/NDF : 50259225692125439679244442751924699136.0/10	All: 1098.373+/-0.000	χ^2/NDF : 20984187795
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1089.748+/-0.000	χ^2/NDF : 11039486982366
Left In: 1192.687+/-0.000	χ^2/NDF : 19255287383728205662654022867381911552.0/10		

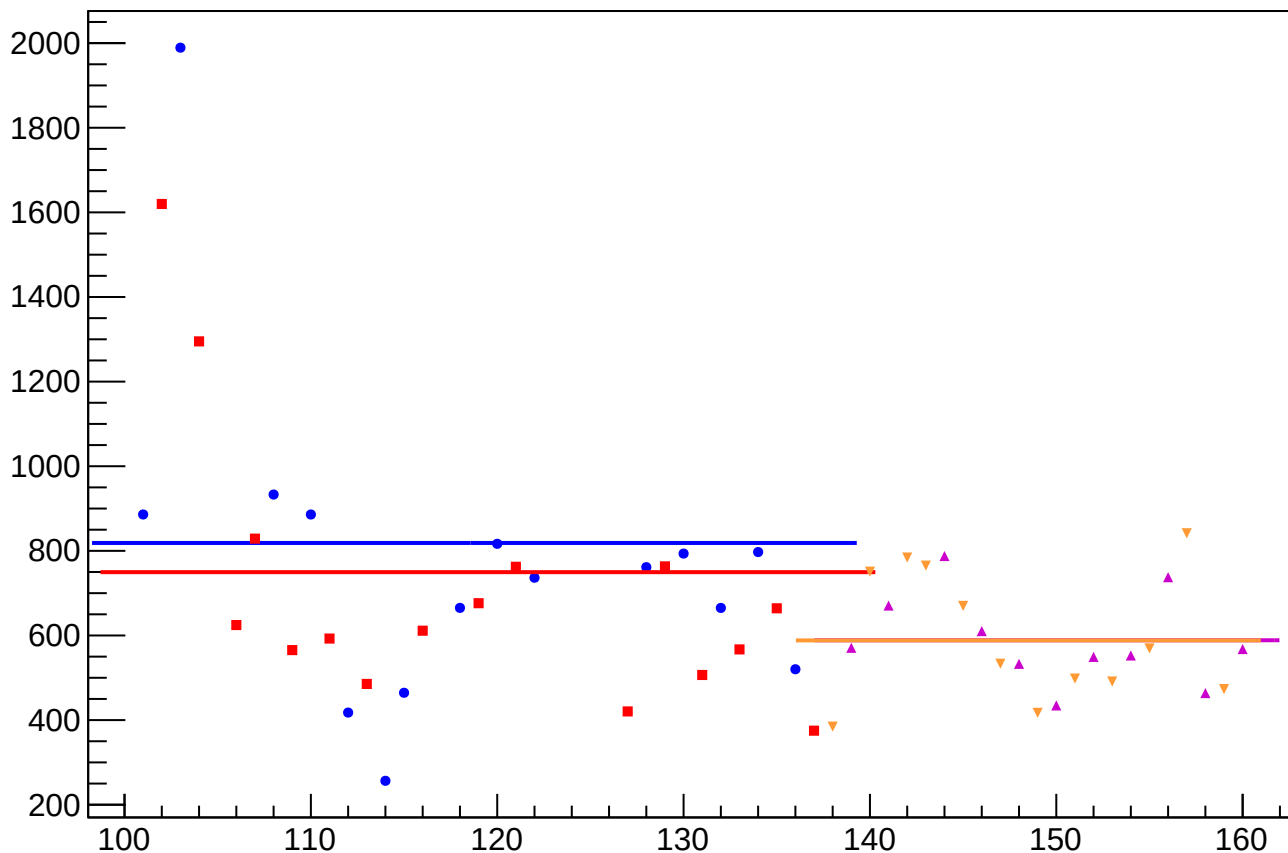
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18630.609+/-0.000	χ^2/NDF : 4499157177792733453337123782201790431232.0/11
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 19322.974+/-0.000	χ^2/NDF : 5509841990831420617123513924011035721728.0/10

+ sign 21371.781+/-0.000 χ^2/NDF : 4557364101800
 All: 21666.026+/-0.000 χ^2/NDF : 9098110501
 - sign 21955.094+/-0.000 χ^2/NDF : 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

+ sign 684.008+/-0.000 χ^2/NDF : 145791569069388

Left Out: 588.391+/-0.000 χ^2/NDF : 20060197377989114991296665666078113792.0/11

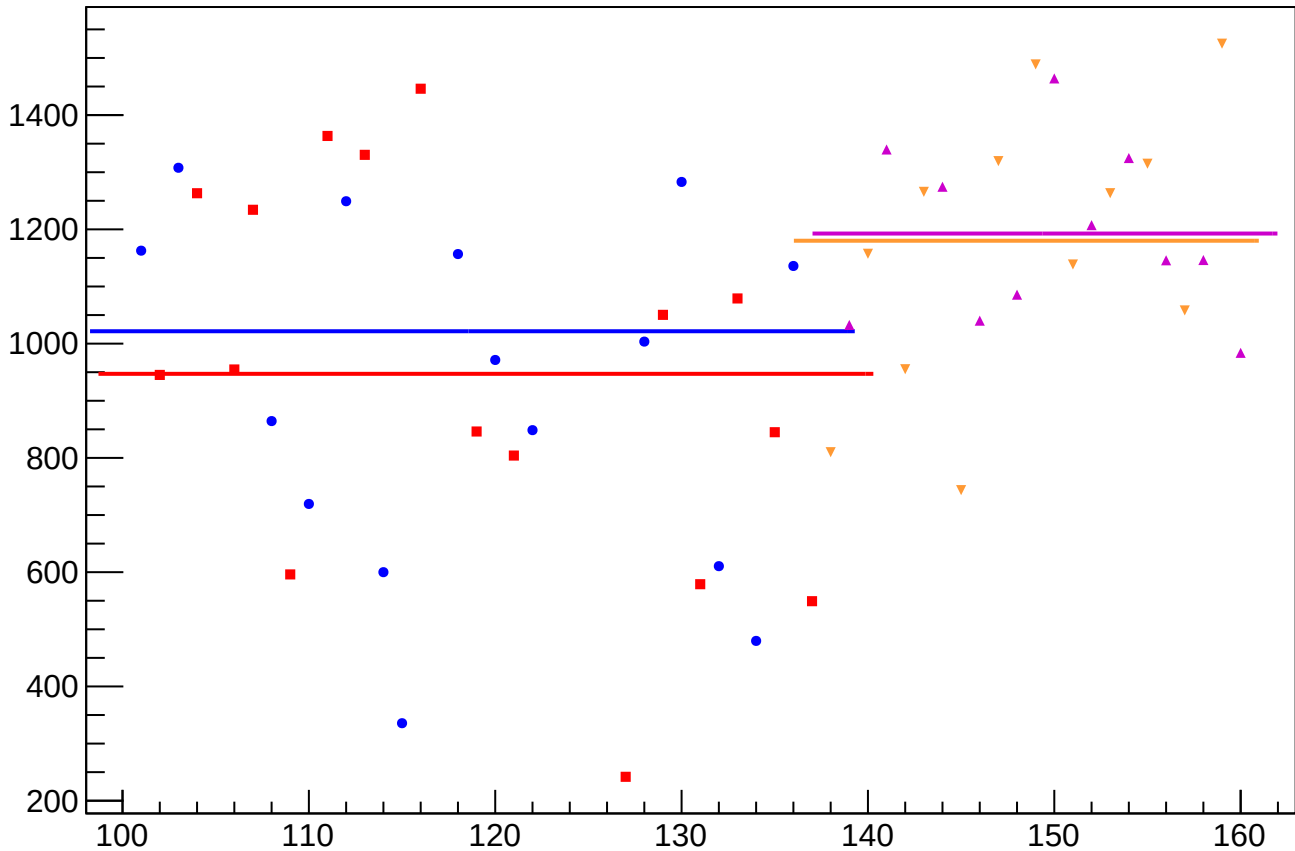
All: 669.969+/-0.000 χ^2/NDF : 244316509040

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

- sign 656.176+/-0.000 χ^2/NDF : 979142023590546

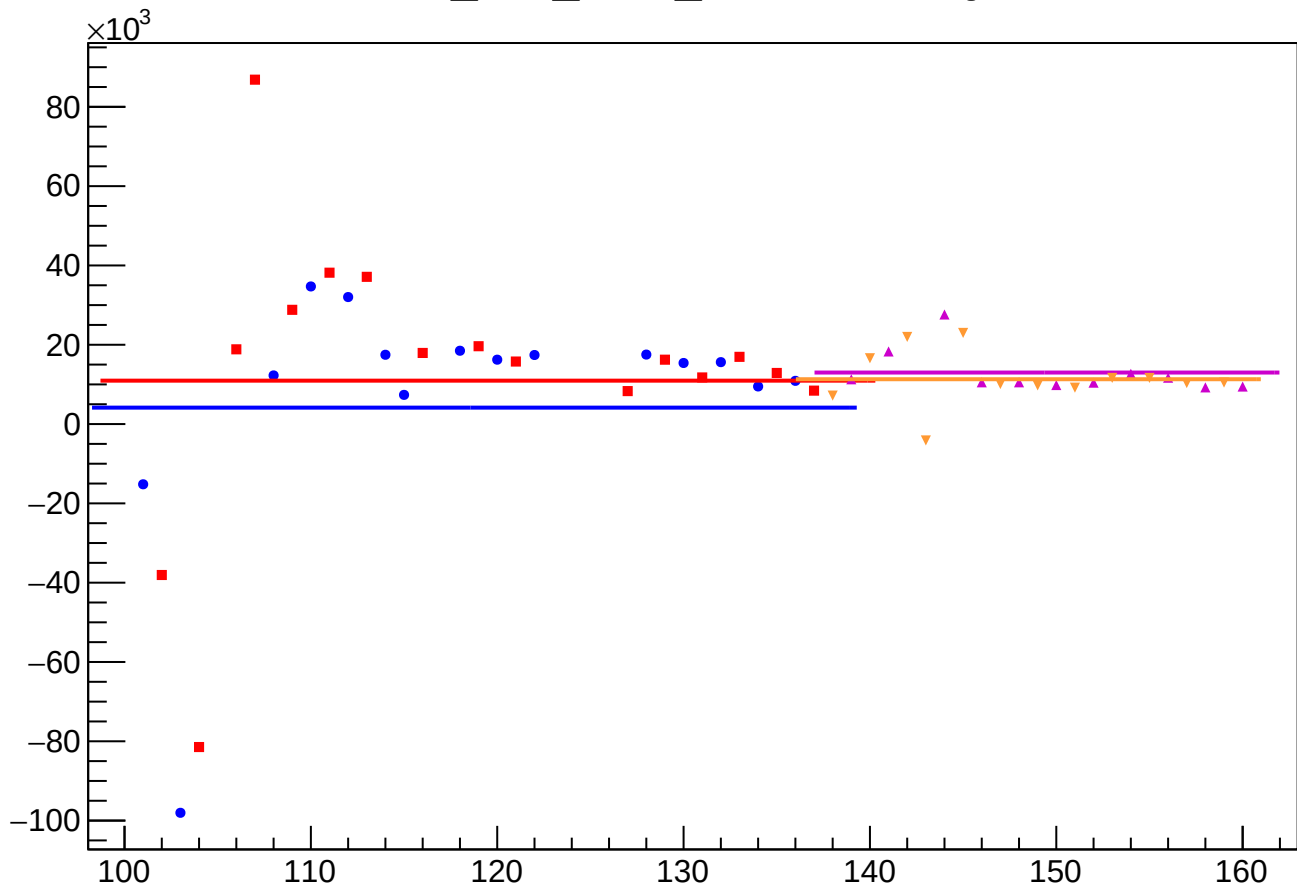
Left In: 588.693+/-0.000 χ^2/NDF : 9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



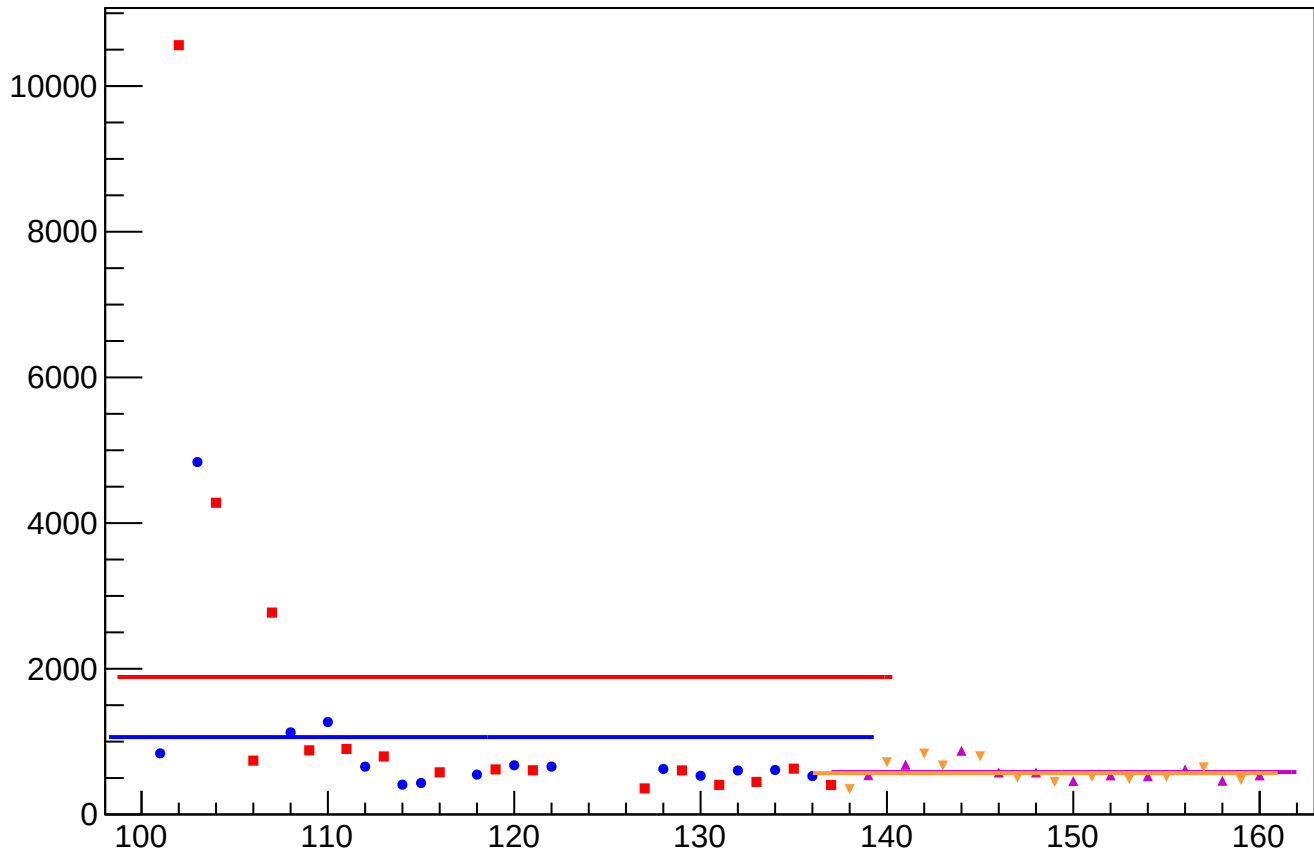
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10
 All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452
 + sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263
 - sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_atl1_coil7_mean vs Slug



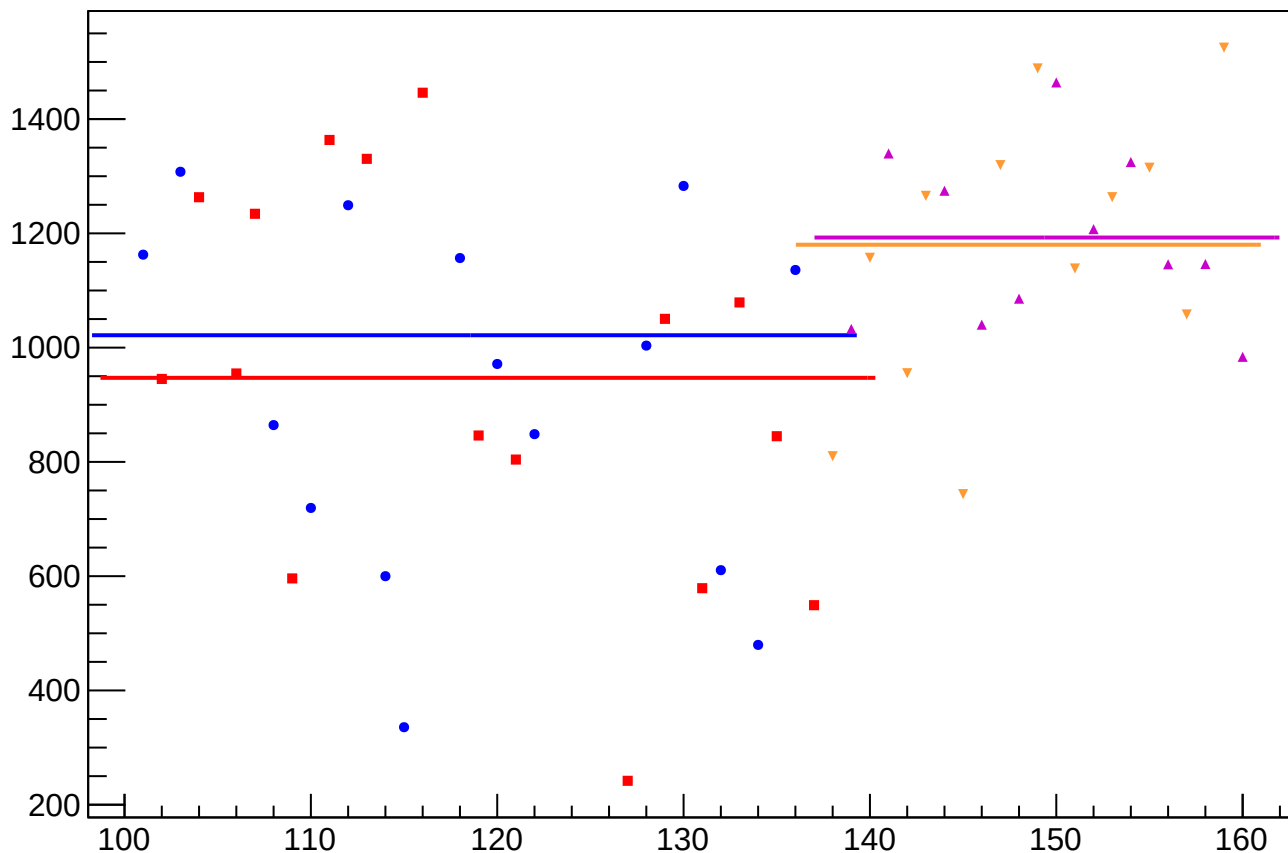
Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11307.773 ± 0.000 χ^2/NDF : 36281065862244259787300982388178548686848.0/11
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 12994.239 ± 0.000 χ^2/NDF : 26399397473209063315648711040224276250624.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141 $\pm$ 0.000 χ^2 /NDF: 952806231926530012715872184655778152448.0/14
 Left Out: 567.733 $\pm$ 0.000 χ^2 /NDF: 17522884747687495168010192179255312384.0/11
 Right Out: 1887.077 $\pm$ 0.000 χ^2 /NDF: 5525872718363845620366029387569058283520.0/15
 Left In: 582.413 $\pm$ 0.000 χ^2 /NDF: 11860144462538181813814678965729624064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

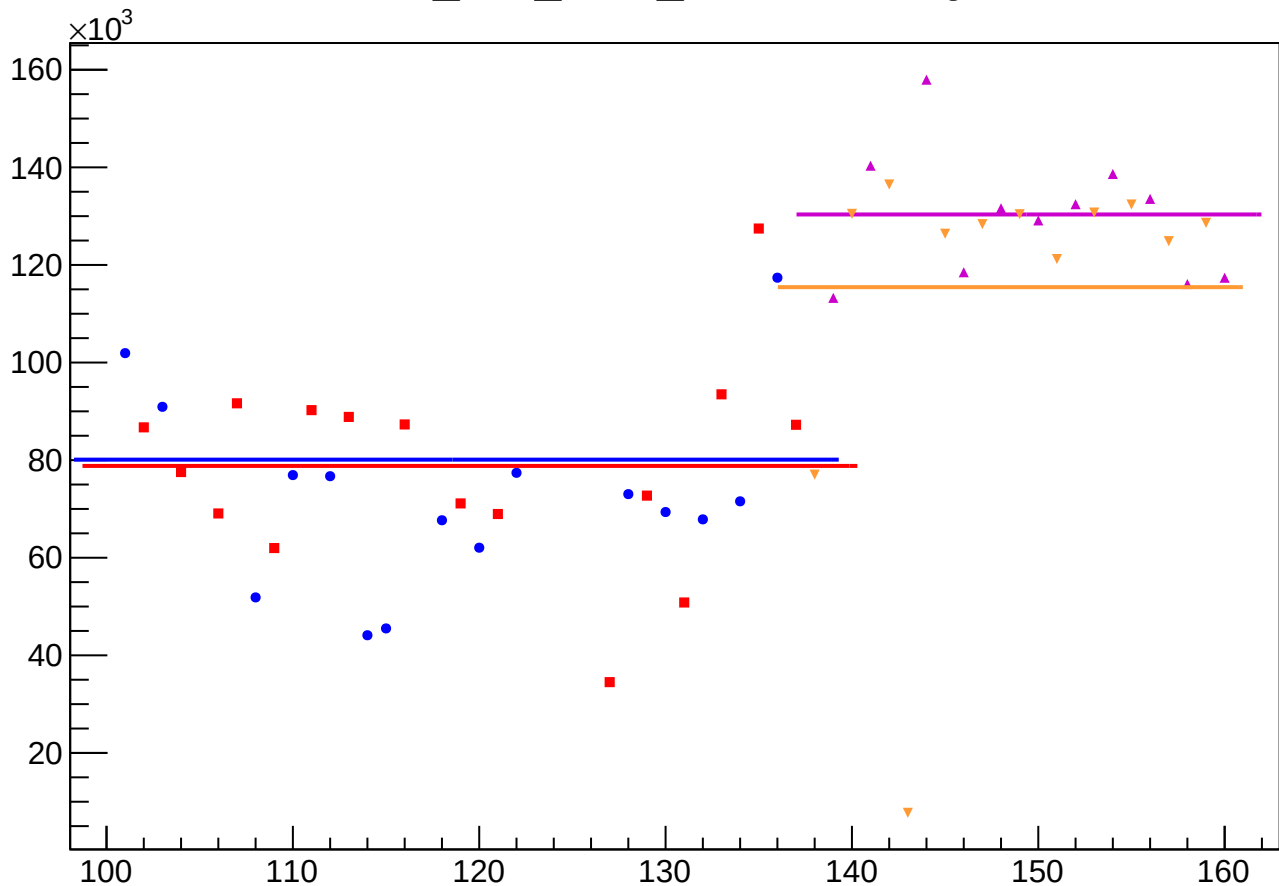
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

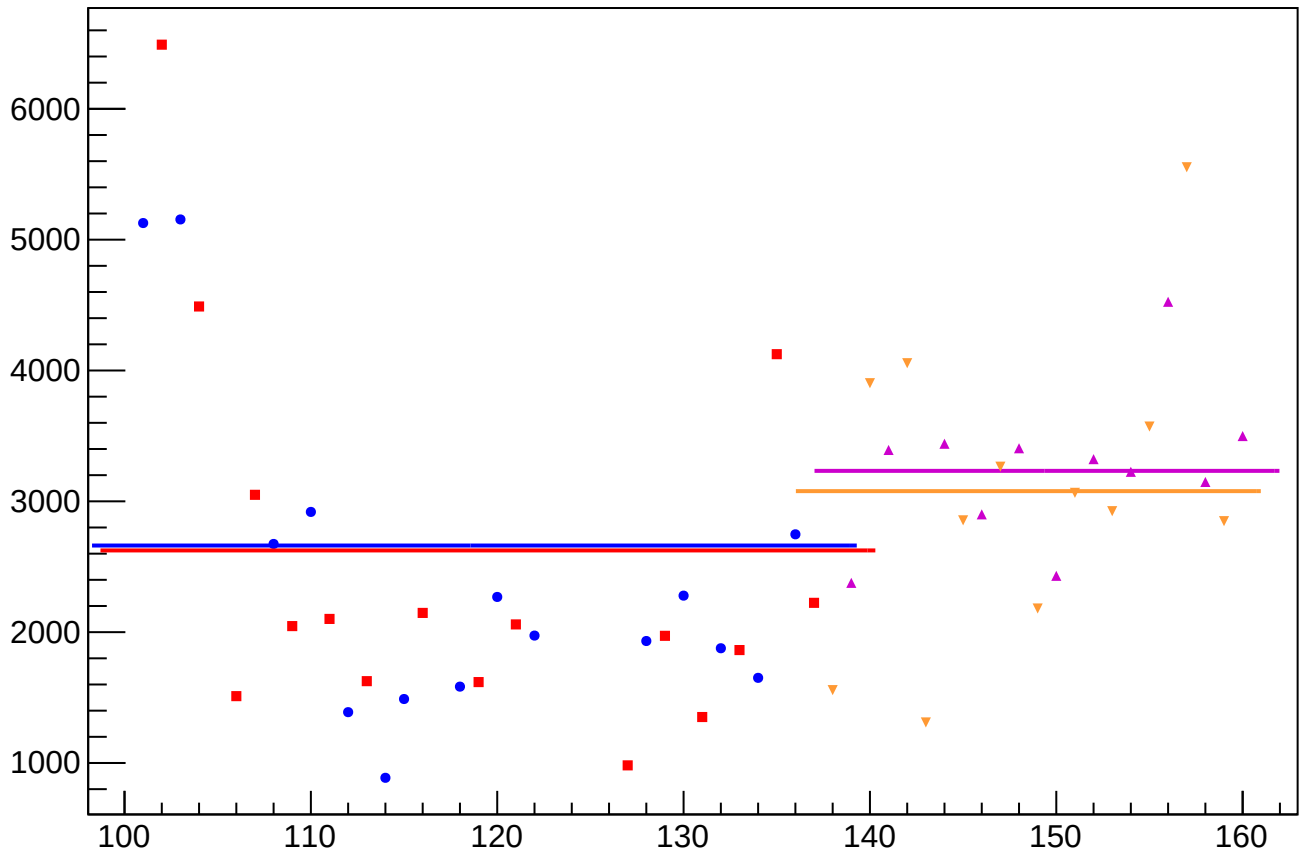
dit_atl2_coil7_mean vs Slug



Right In: 80102.504 $\pm$ 0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 115448.893 $\pm$ 0.000	χ^2/NDF : 1038801657464811255416211206986838896017408.0/11
Right Out: 78815.832 $\pm$ 0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 130346.244 $\pm$ 0.000	χ^2/NDF : 148174871015439819820100459279999278514176.0/10

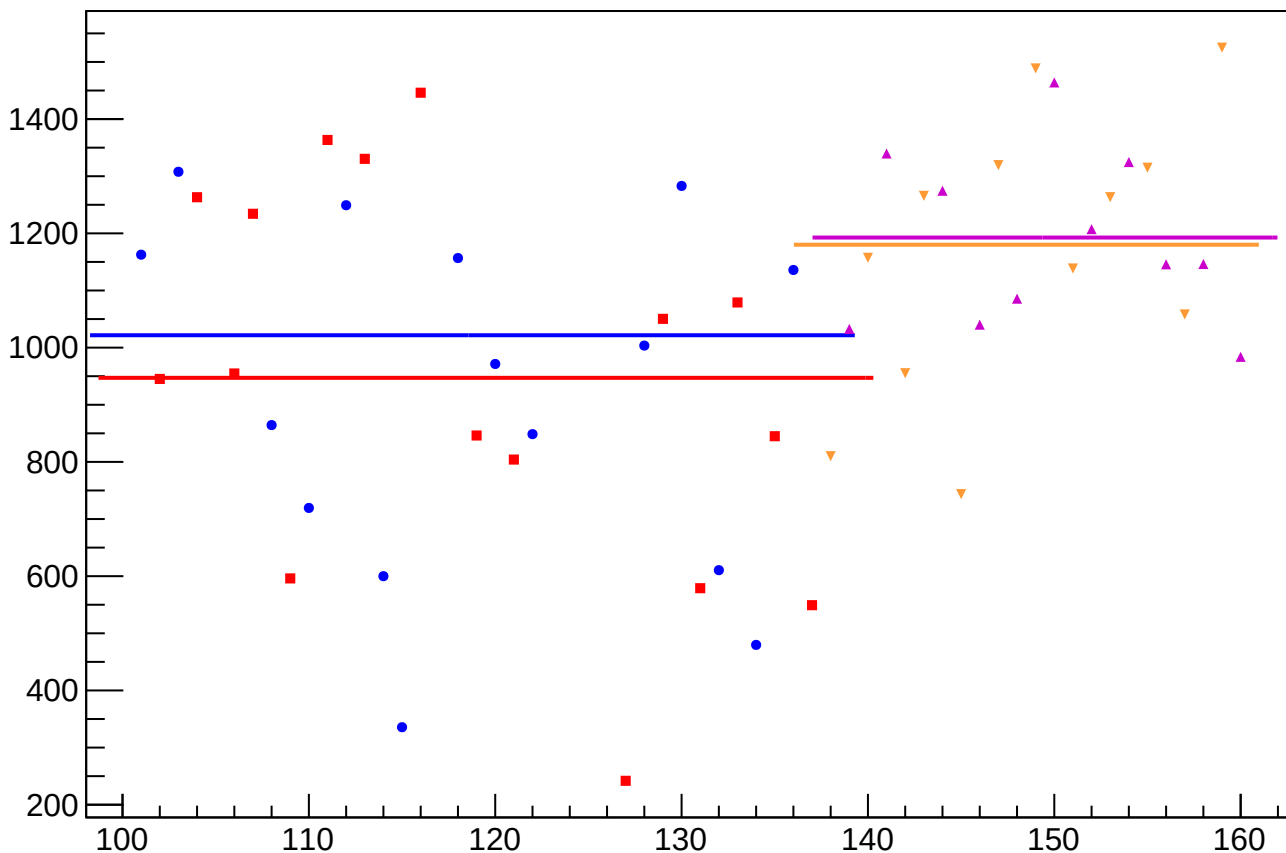
+ sign 100772.113 $\pm$ 0.000 χ^2/NDF : 176748026895
 All: 104792.930 $\pm$ 0.000 χ^2/NDF : 328044500
 - sign 108742.985 $\pm$ 0.000 χ^2/NDF : 146287150012

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183 ± 0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 3077.945 ± 0.000 χ^2/NDF : 1073709891492389198093936322660595138560.0/11
 Right Out: 2624.696 ± 0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3232.879 ± 0.000 χ^2/NDF : 275721007613891276741007240283331493888.0/10

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

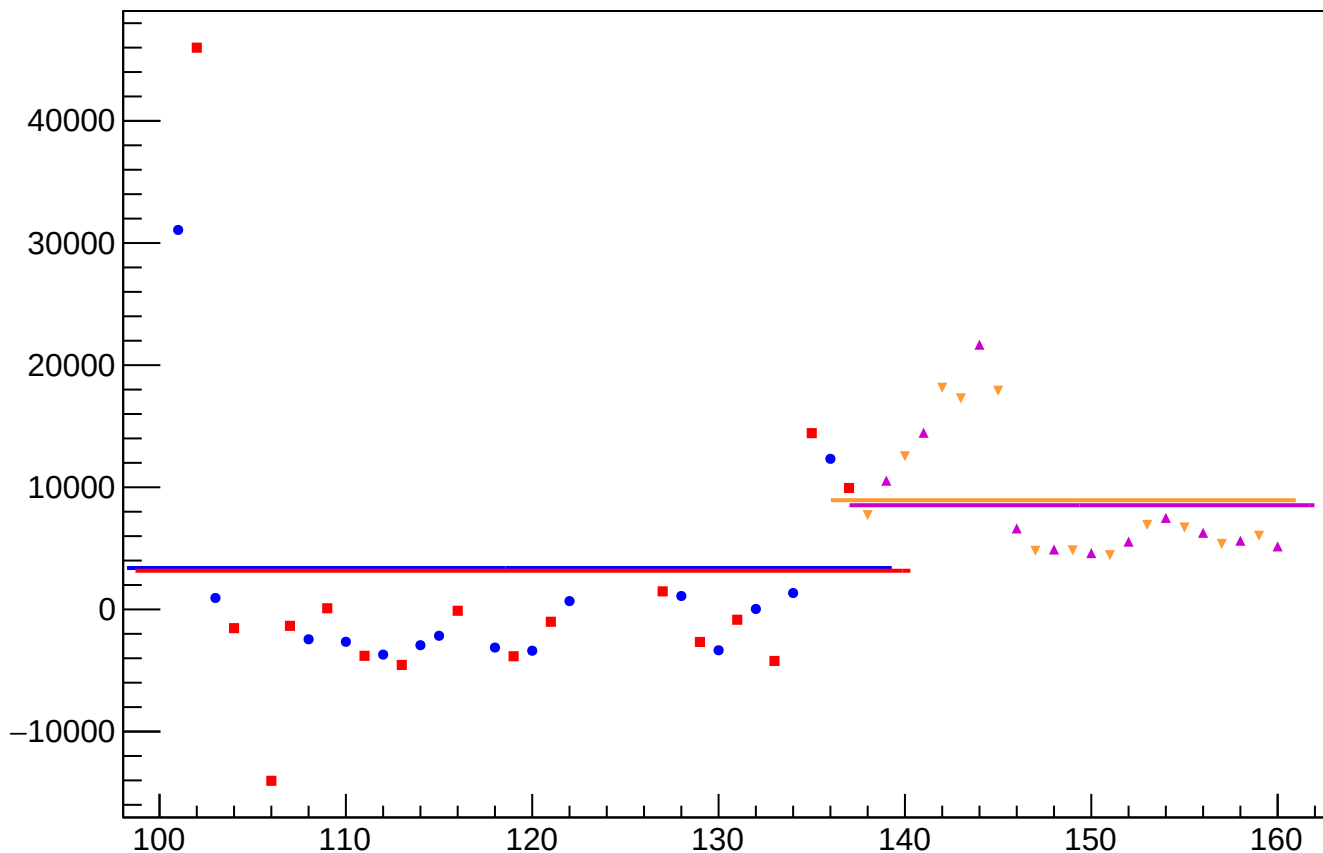
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

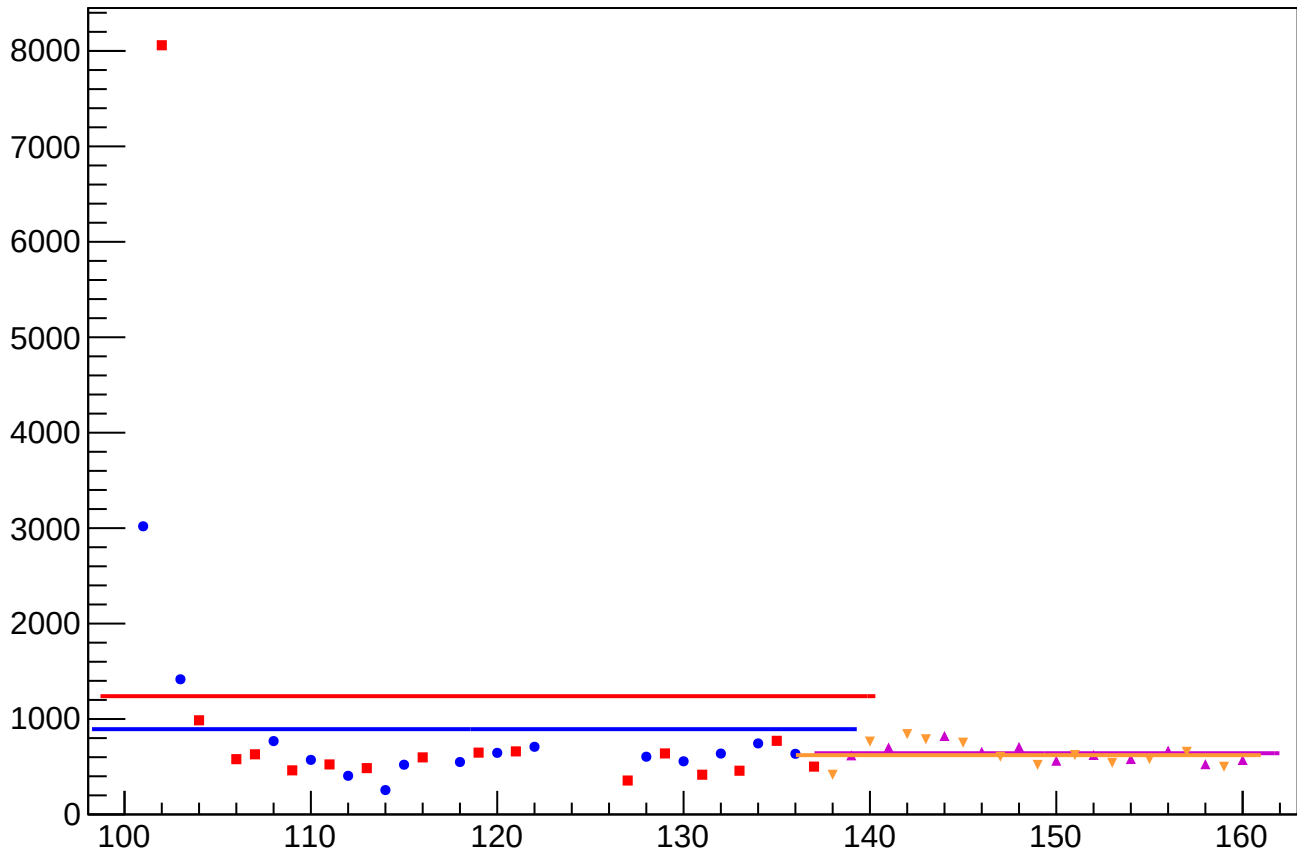
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 8941.712+/-0.000 χ^2/NDF : 22757542723529976862924189628837264359424.0/11
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 8532.821+/-0.000 χ^2/NDF : 24299515949380224586324737558095226470400.0/10

dit_atr1_coil7_err_mean vs Slug



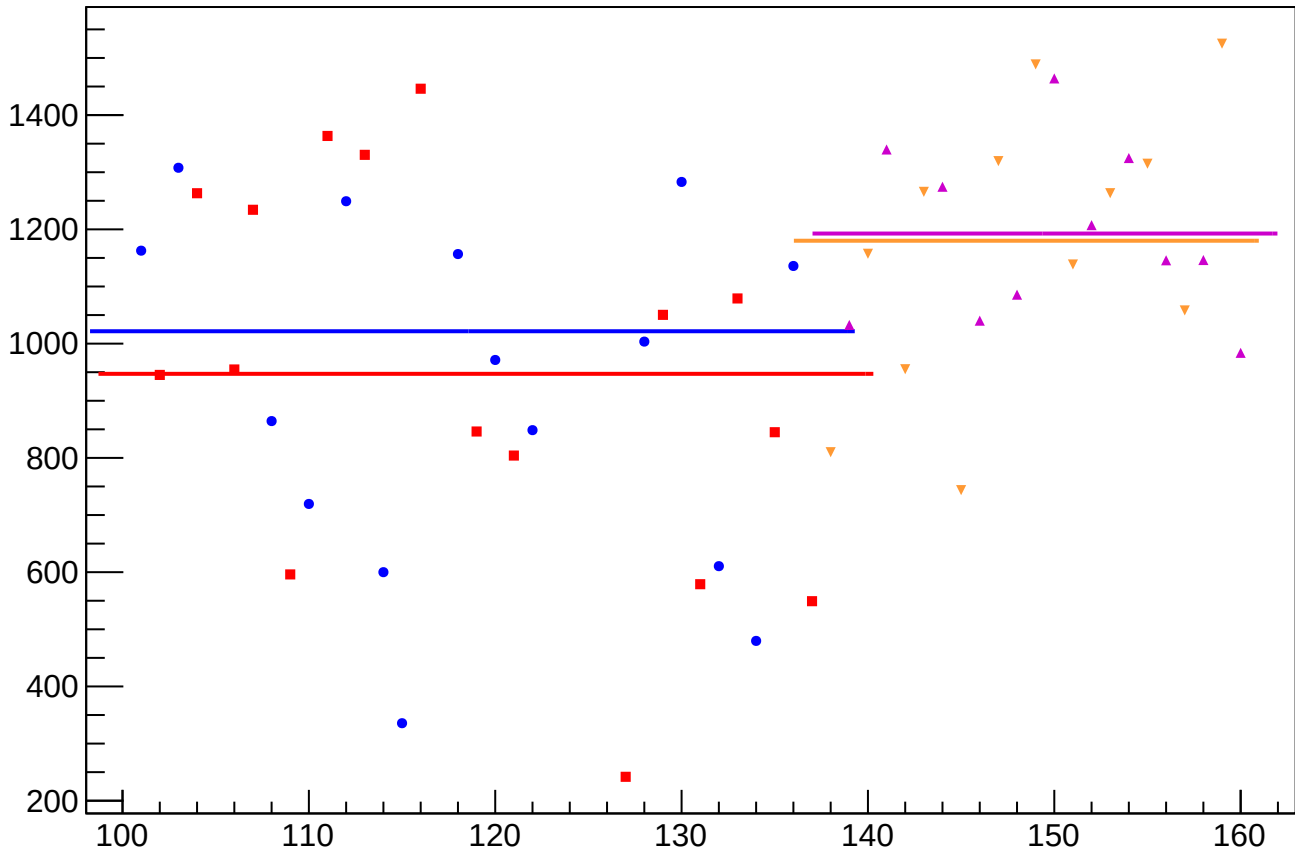
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 621.395+/-0.000 χ^2/NDF : 13220761349033595391183034930255888384.0/11

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

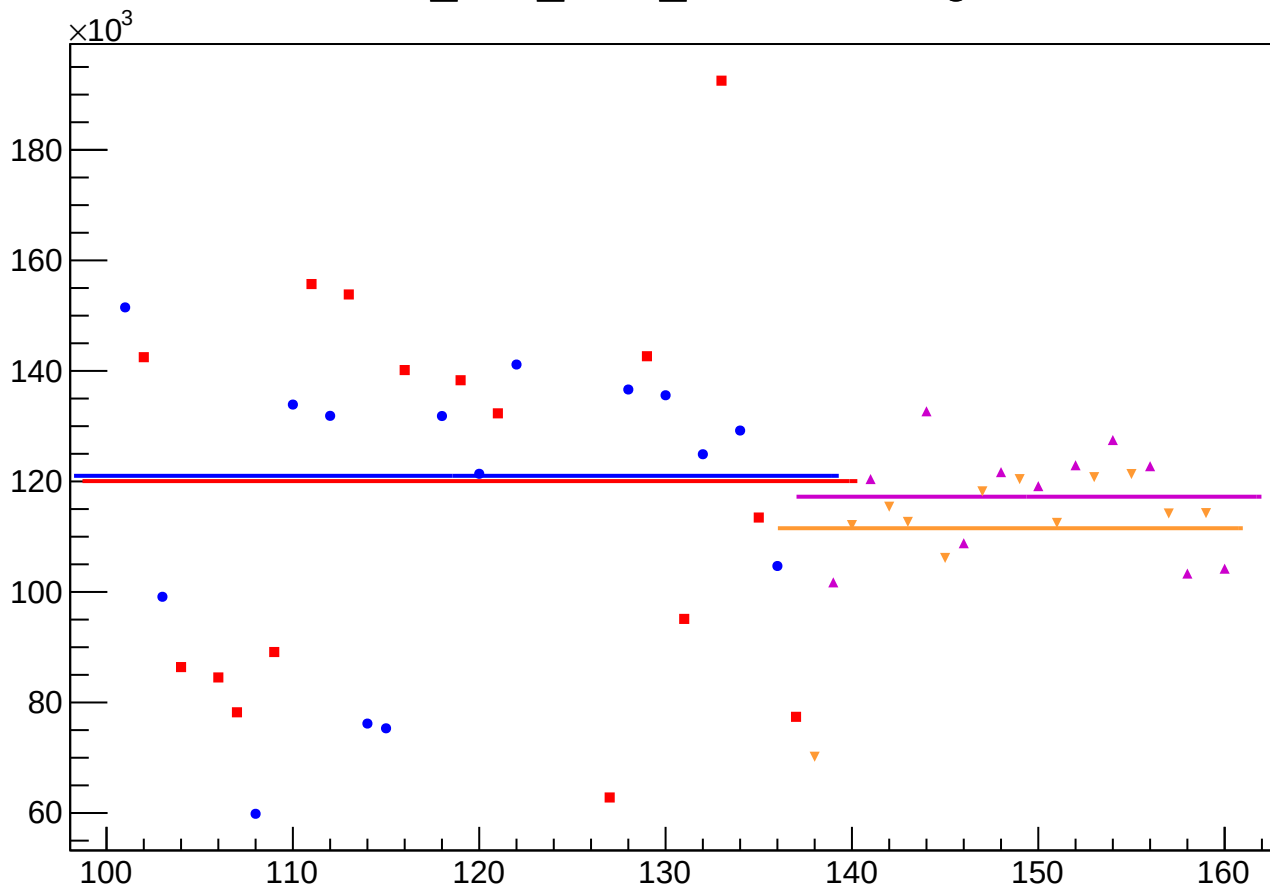
Left In: 641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10

dit_atr1_coil7_Ndata_mean vs Slug



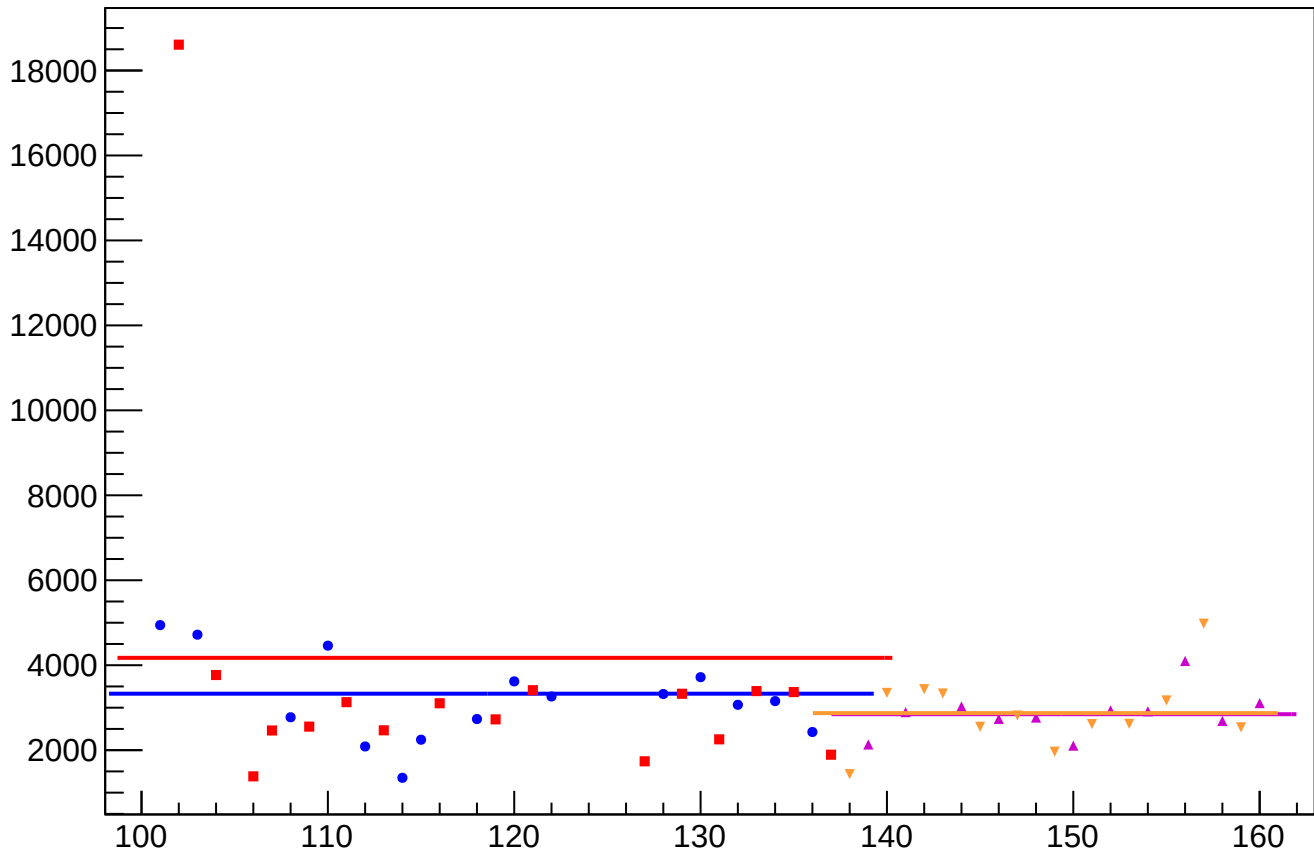
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_atr2_coil7_mean vs Slug



Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 111531.681 $\pm$ 0.000 χ^2 /NDF: 162724299829921950370834246417372913074176.0/11
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 117237.465 $\pm$ 0.000 χ^2 /NDF: 92299527706158063096544434206678792011776.0/10

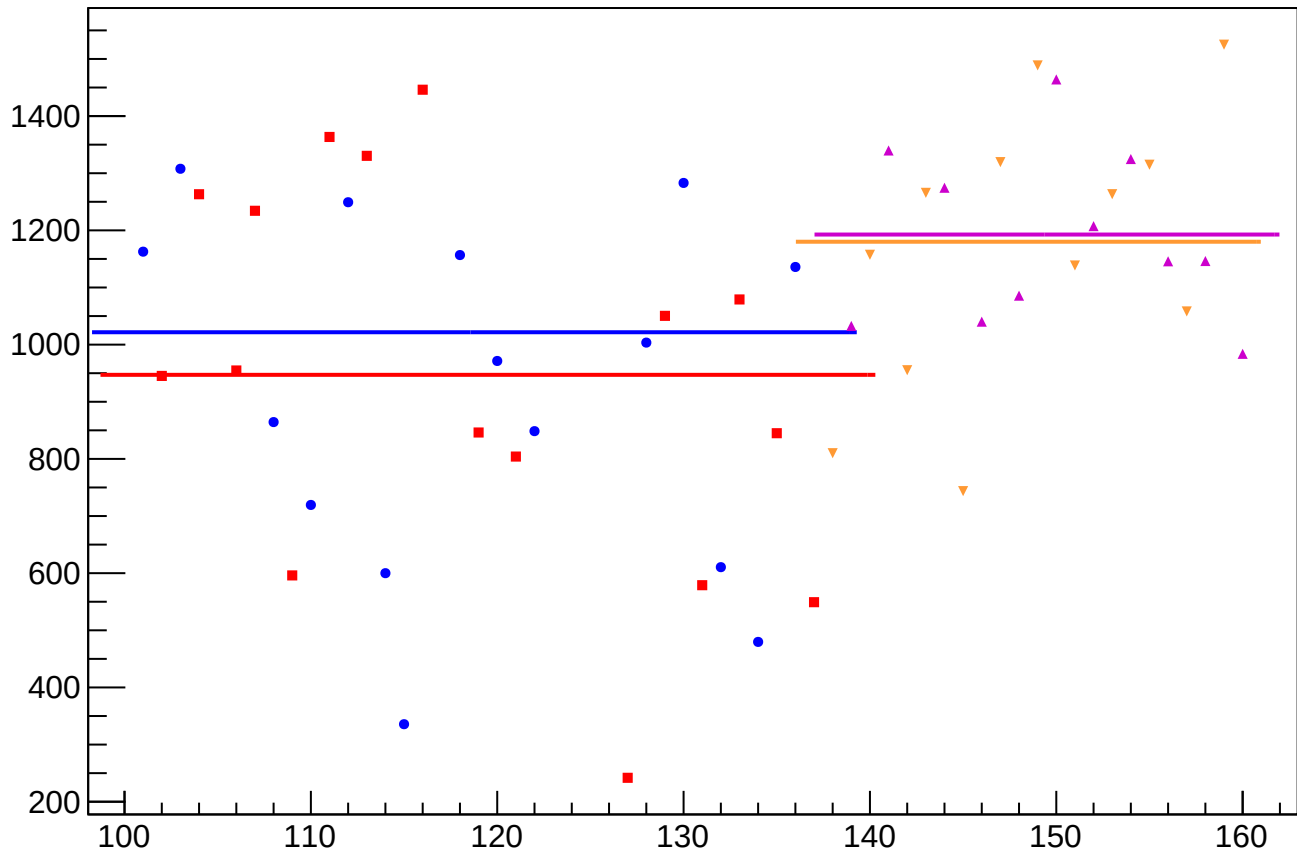
dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2872.567 $\pm$ 0.000 χ^2 /NDF: 662883582778902790585902196636778496000.0/11
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2846.559 $\pm$ 0.000 χ^2 /NDF: 229557109736682123603885764134616170496.0/10

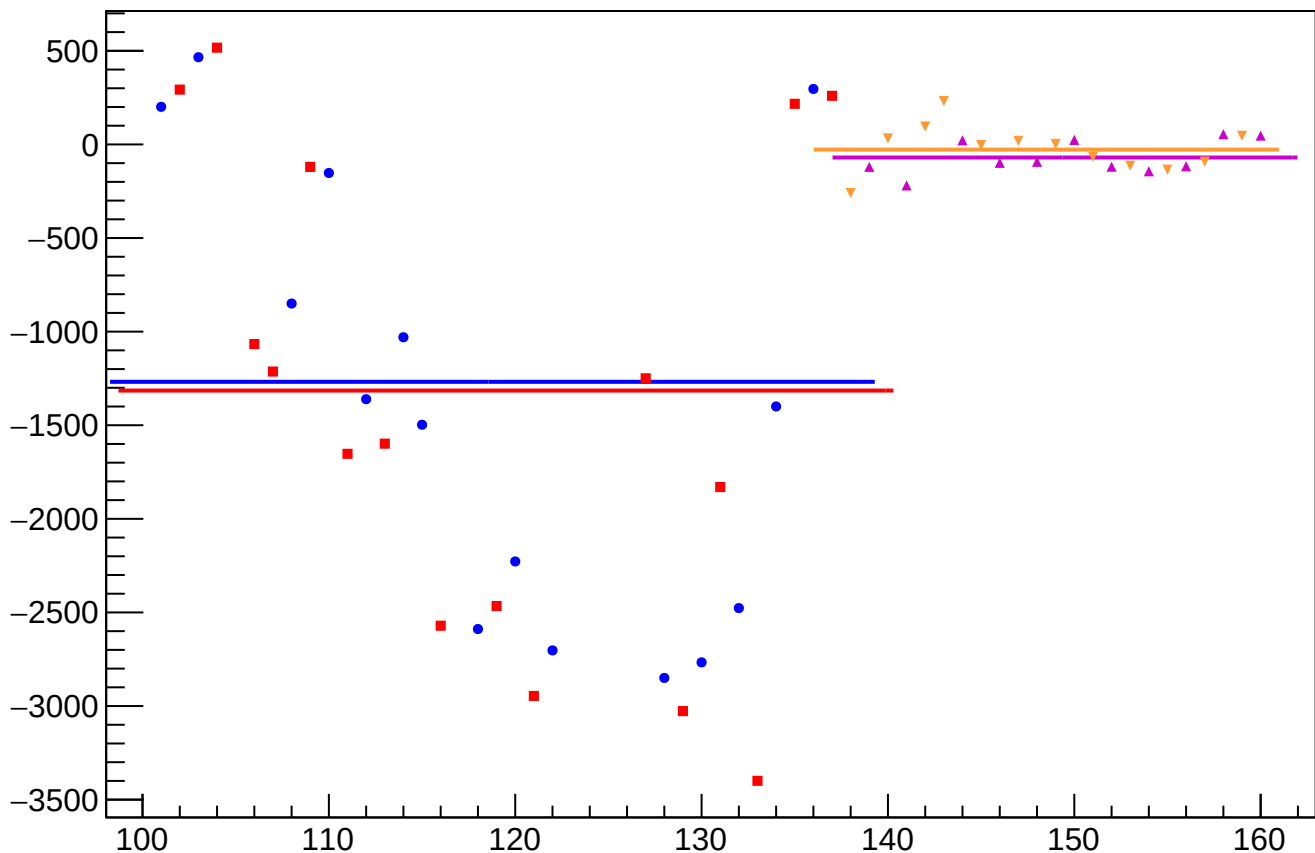
+ sign 3062.293 $\pm$ 0.000 χ^2 /NDF: 13091528183331
 All: 3234.072 $\pm$ 0.000 χ^2 /NDF: 15810392876
 - sign 3402.829 $\pm$ 0.000 χ^2 /NDF: 14409809055061

dit_atr2_coil7_Ndata_mean vs Slug



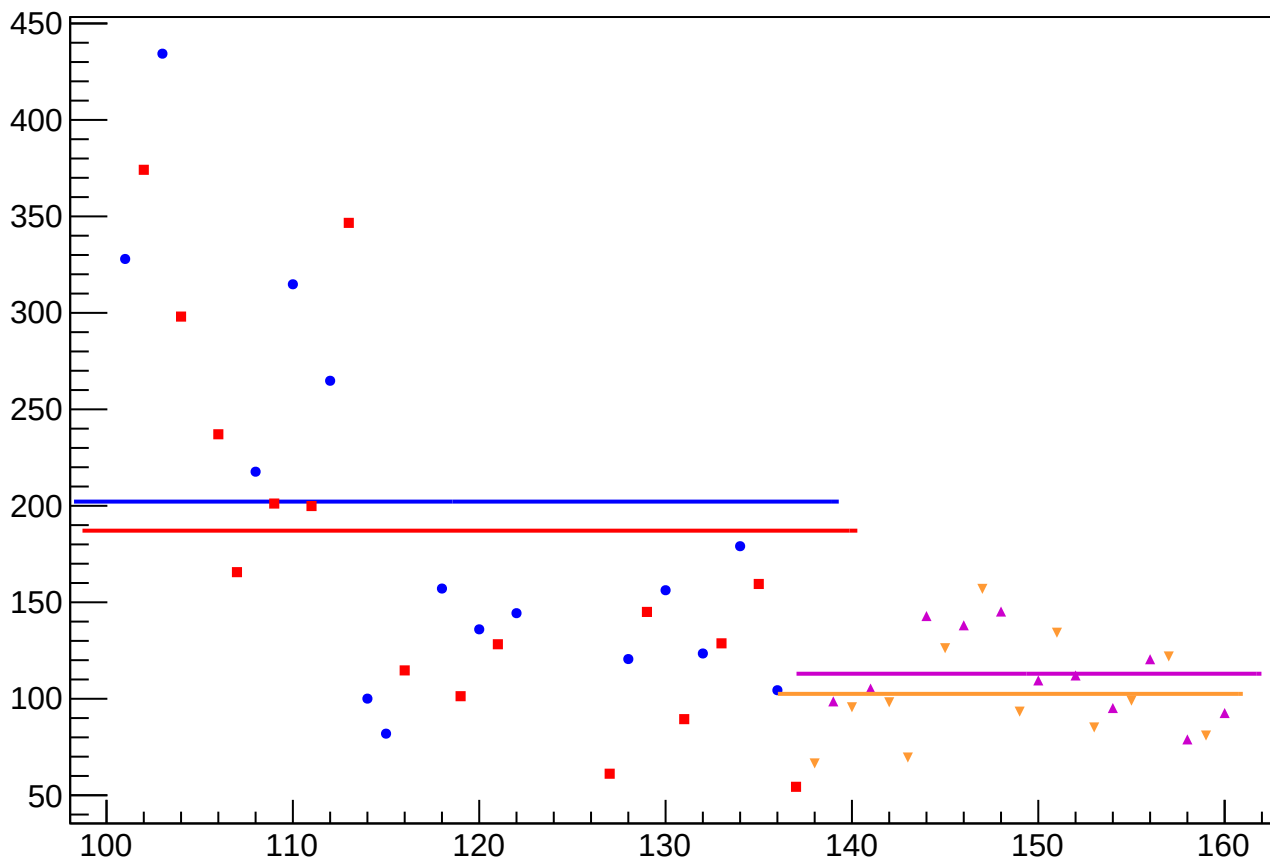
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Left Out: -27.745 ± 0.000 χ^2/NDF : 12401866293776389782406733193877127168.0/11
 Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Left In: -69.887 ± 0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.547+/-0.000 χ^2/NDF : 631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

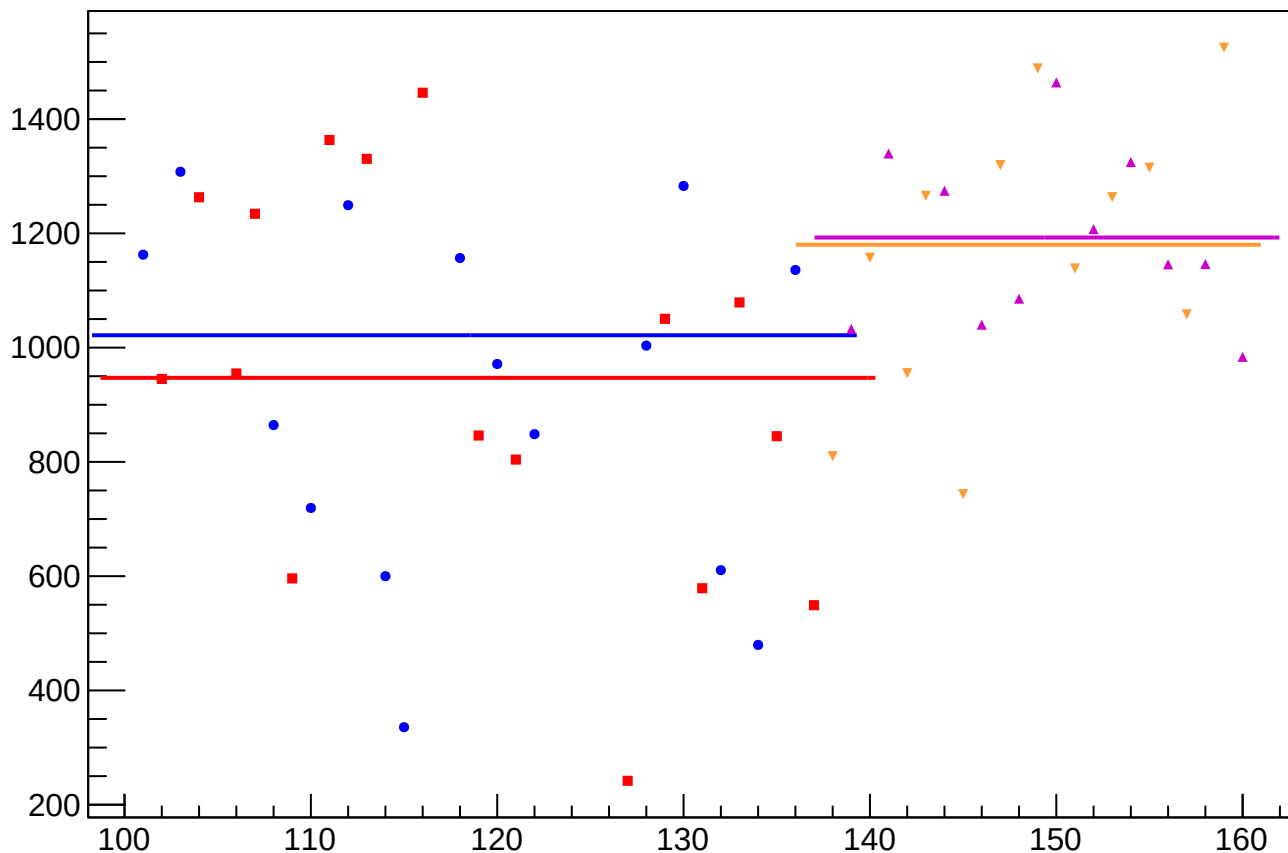
Left In: 112.981+/-0.000 χ^2/NDF : 399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF : 114280634979740

All: 143.994+/-0.000 χ^2/NDF : 20186723766

- sign 144.065+/-0.000 χ^2/NDF : 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

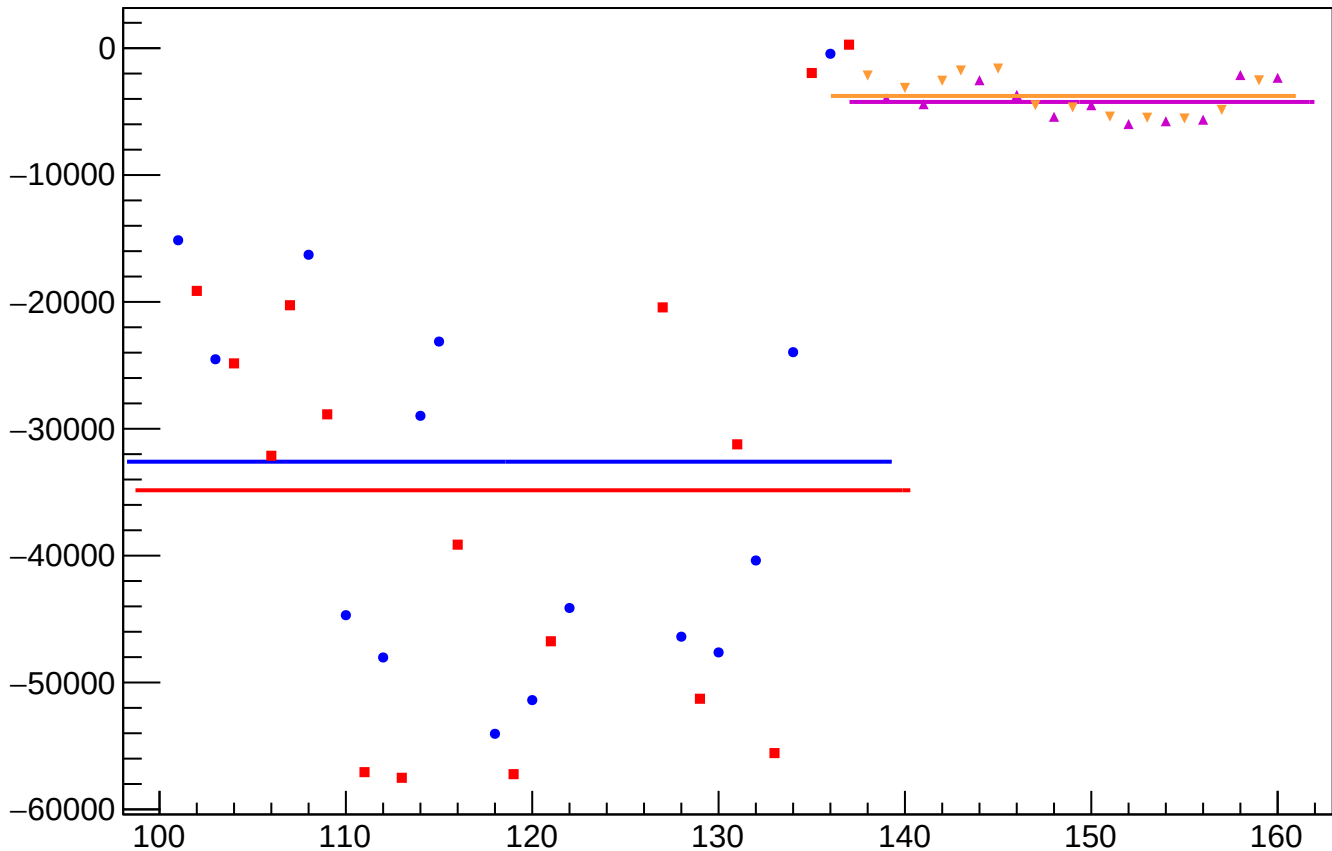
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

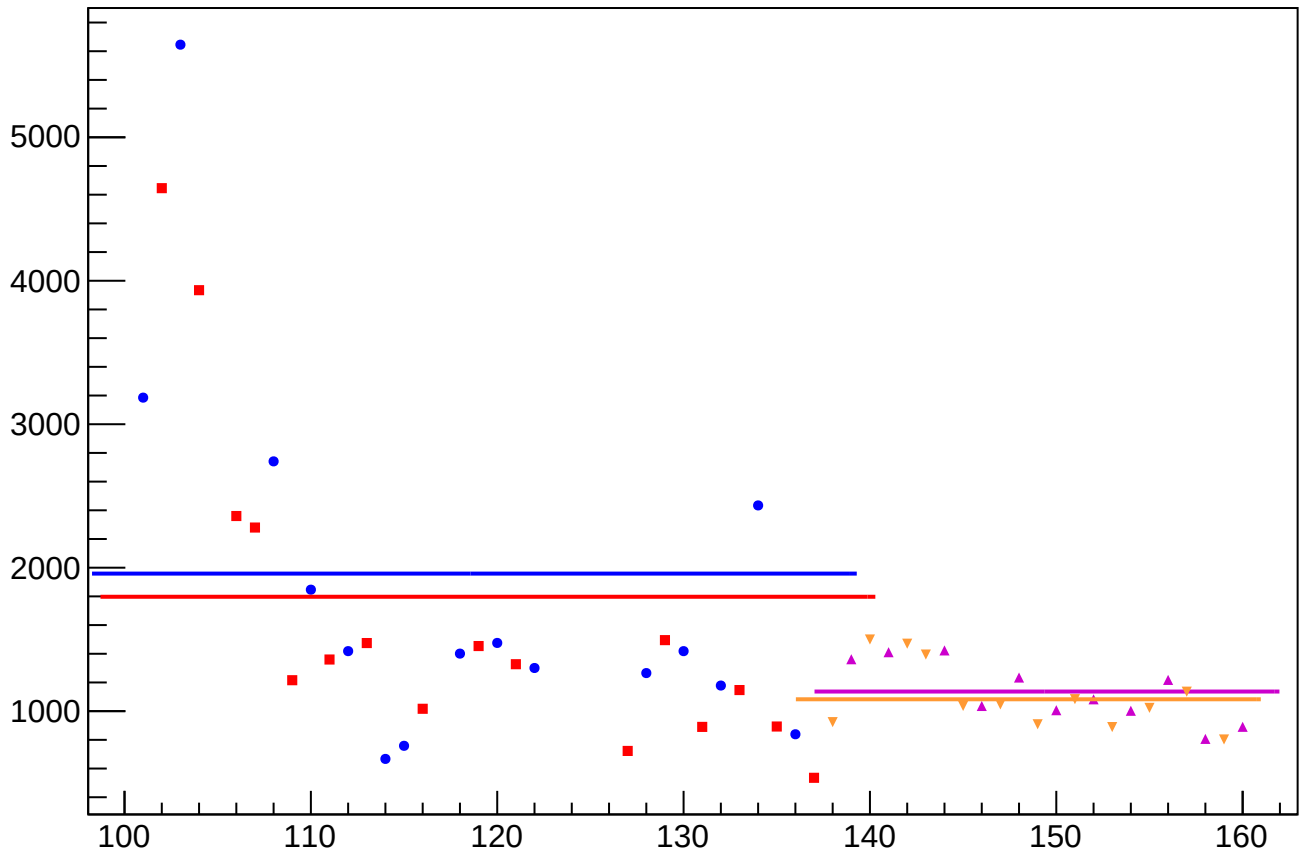
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam2_coil7_mean vs Slug



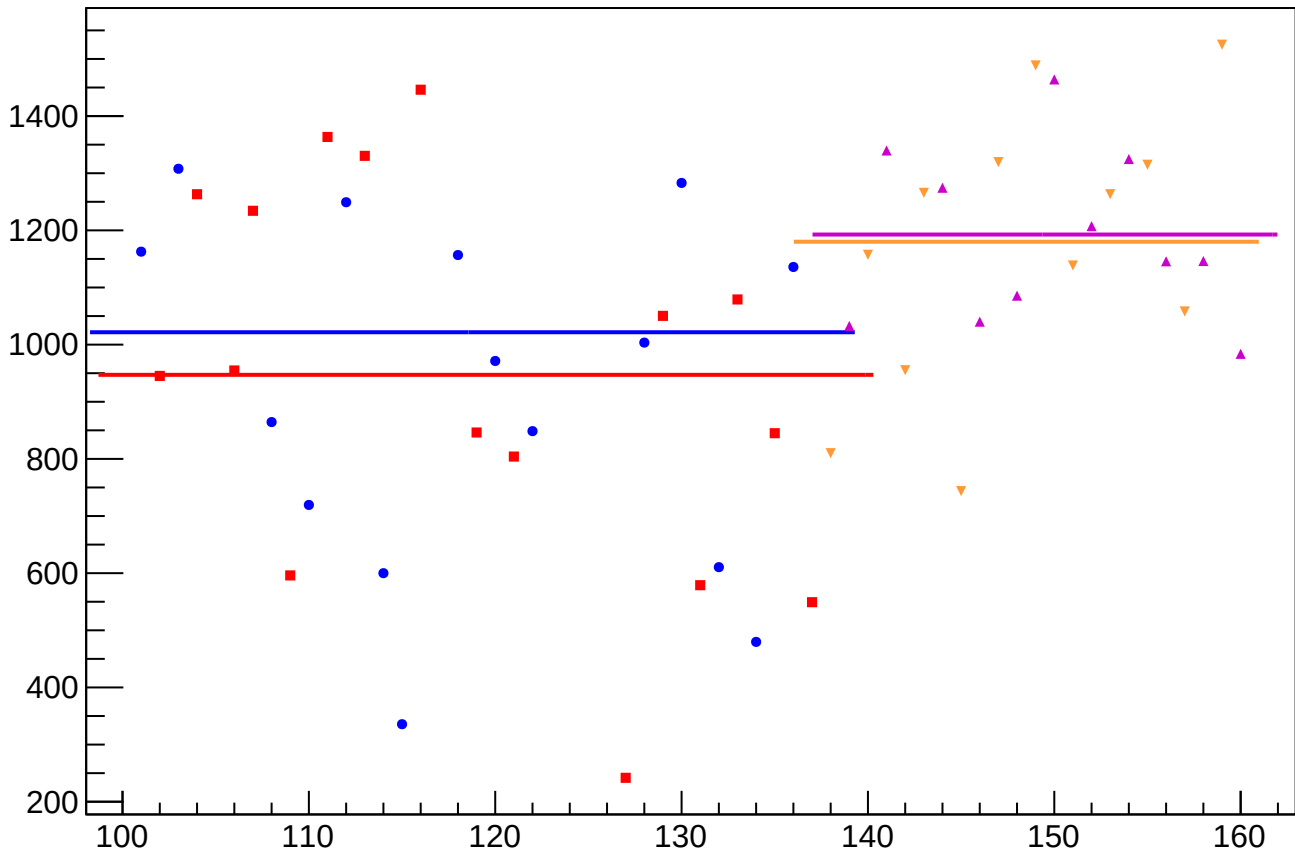
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -3764.764 ± 0.000 χ^2/NDF : 1969097651481267133720686593450373545984.0/11
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4238.758 ± 0.000 χ^2/NDF : 1676258877466067471746283067125033598976.0/10

dit_sam2_coil7_err_mean vs Slug



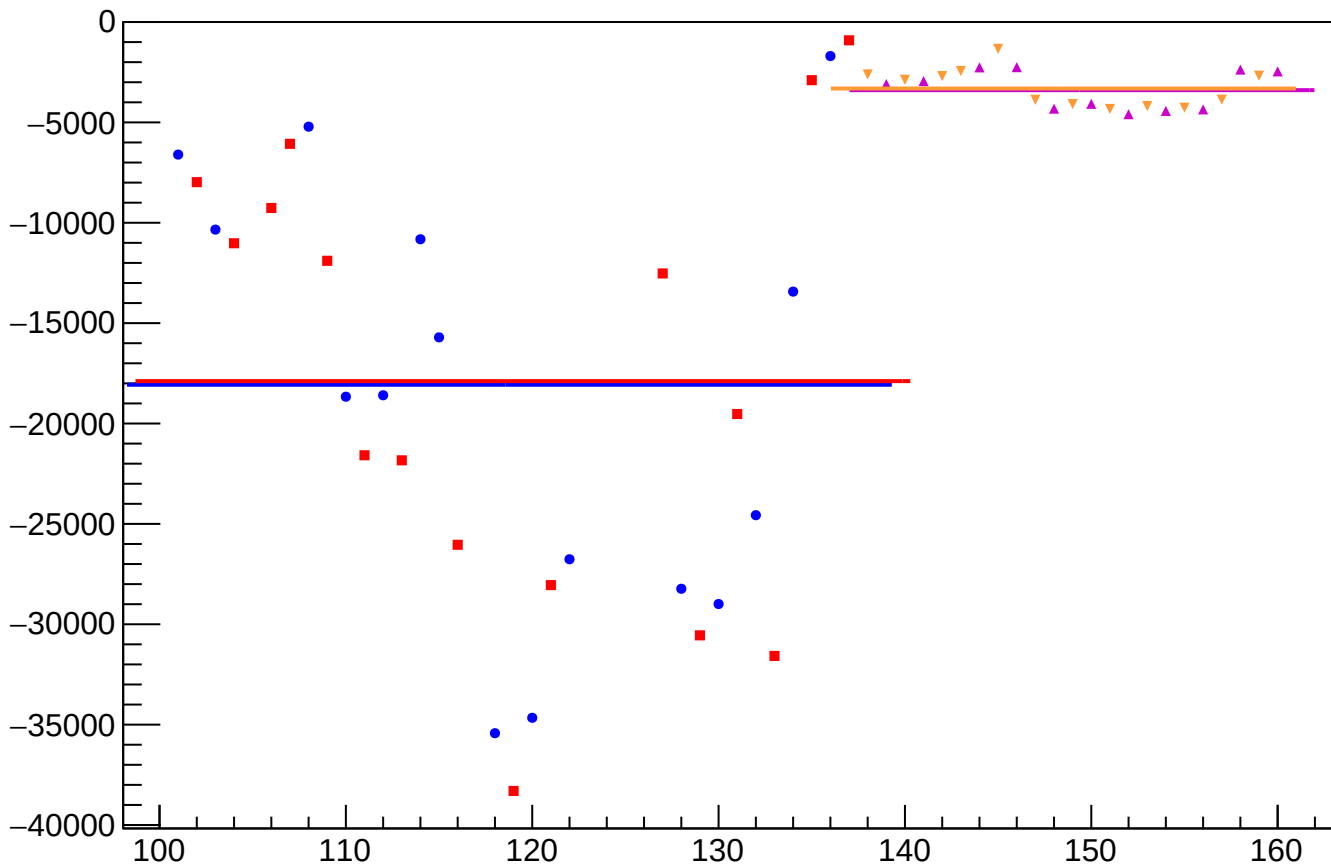
Right In: 1958.835+/-0.000	χ^2/NDF : 1189322999631358431600643692981190131712.0/14	+ sign 1446.535+/-0.000	χ^2/NDF : 15230348570712
Left Out: 1082.769+/-0.000	χ^2/NDF : 42435467592938018504955570075058831360.0/11	All: 1429.975+/-0.000	χ^2/NDF : 26847153341
Right Out: 1797.392+/-0.000	χ^2/NDF : 955096623879958195657195074614240215040.0/15	- sign 1413.706+/-0.000	χ^2/NDF : 11608307427850
Left In: 1136.738+/-0.000	χ^2/NDF : 36660640388160233770492299797174681600.0/10		

dit_sam2_coil7_Ndata_mean vs Slug



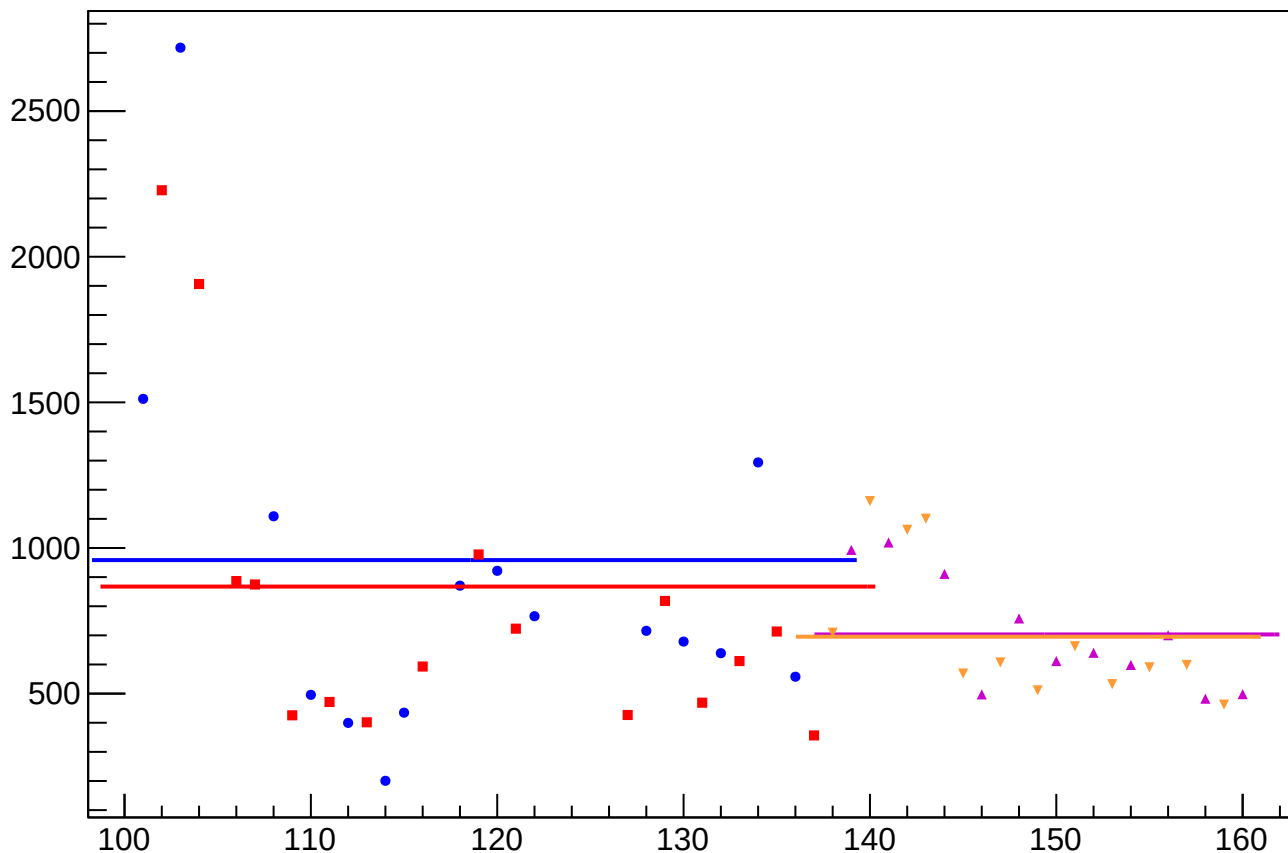
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3312.000+/-0.000 χ^2/NDF : 776933675153970093414497932746986356736.0/11
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 695.356+/-0.000 χ^2/NDF : 48004139750379541003610269806183317504.0/11

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

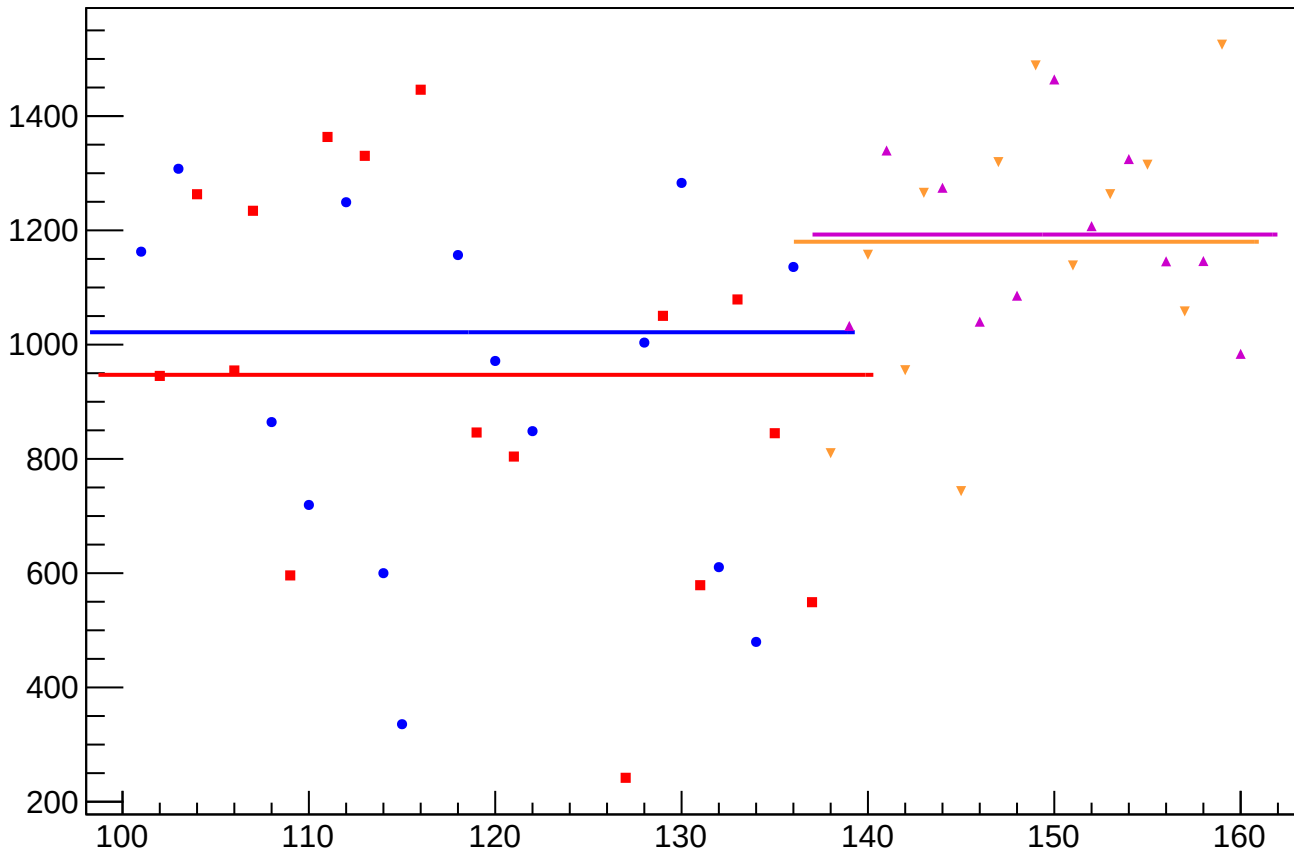
Left In: 703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10

+ sign 804.584+/-0.000 χ^2/NDF : 338998928620433

All: 788.186+/-0.000 χ^2/NDF : 598468024963

- sign 772.078+/-0.000 χ^2/NDF : 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF : 50788606804690292724539730503787347968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

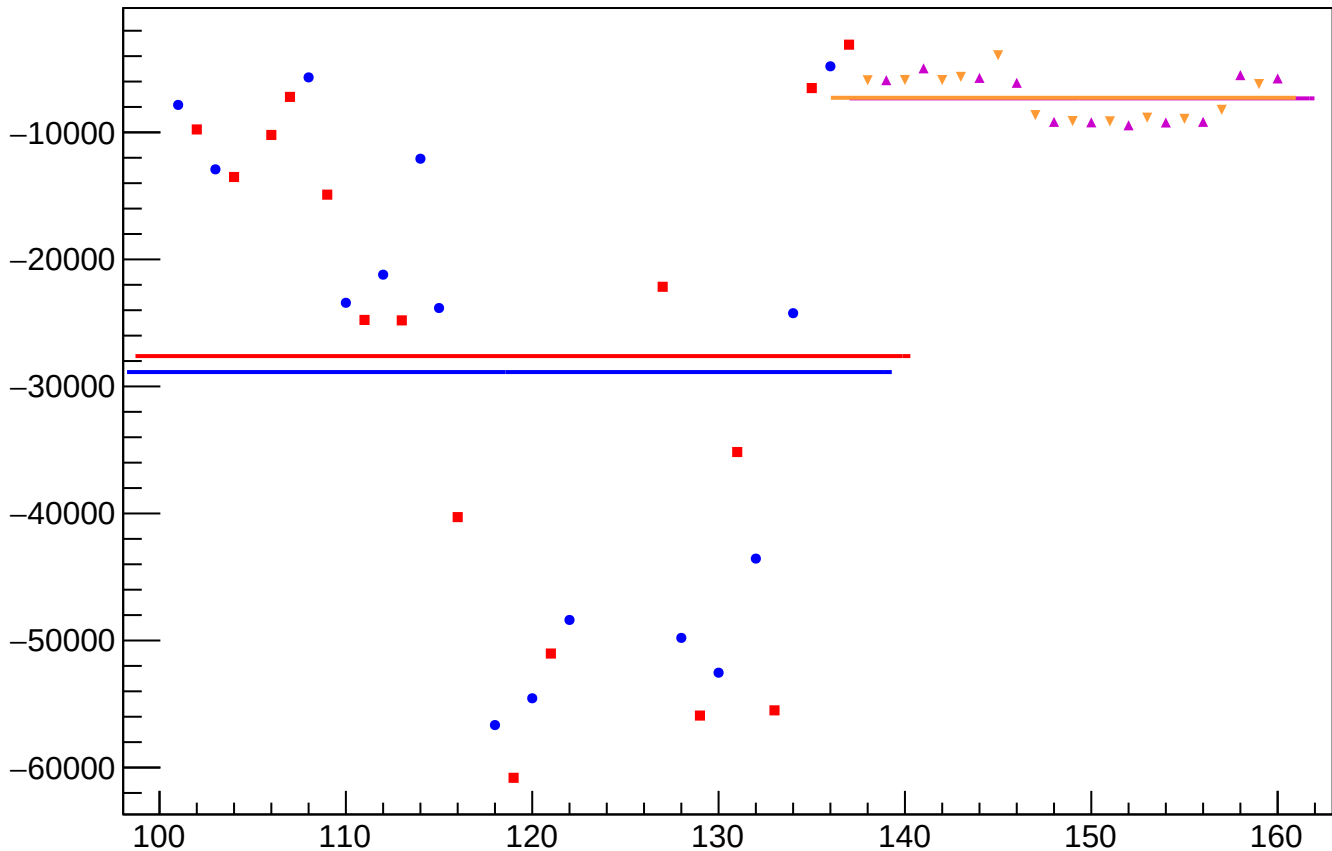
Left In: 1192.687+/-0.000 χ^2/NDF : 19255287383728205662654022867381911552.0/10

+ sign 1114.323+/-0.000 χ^2/NDF : 10080626753263

All: 1101.926+/-0.000 χ^2/NDF : 21167730452

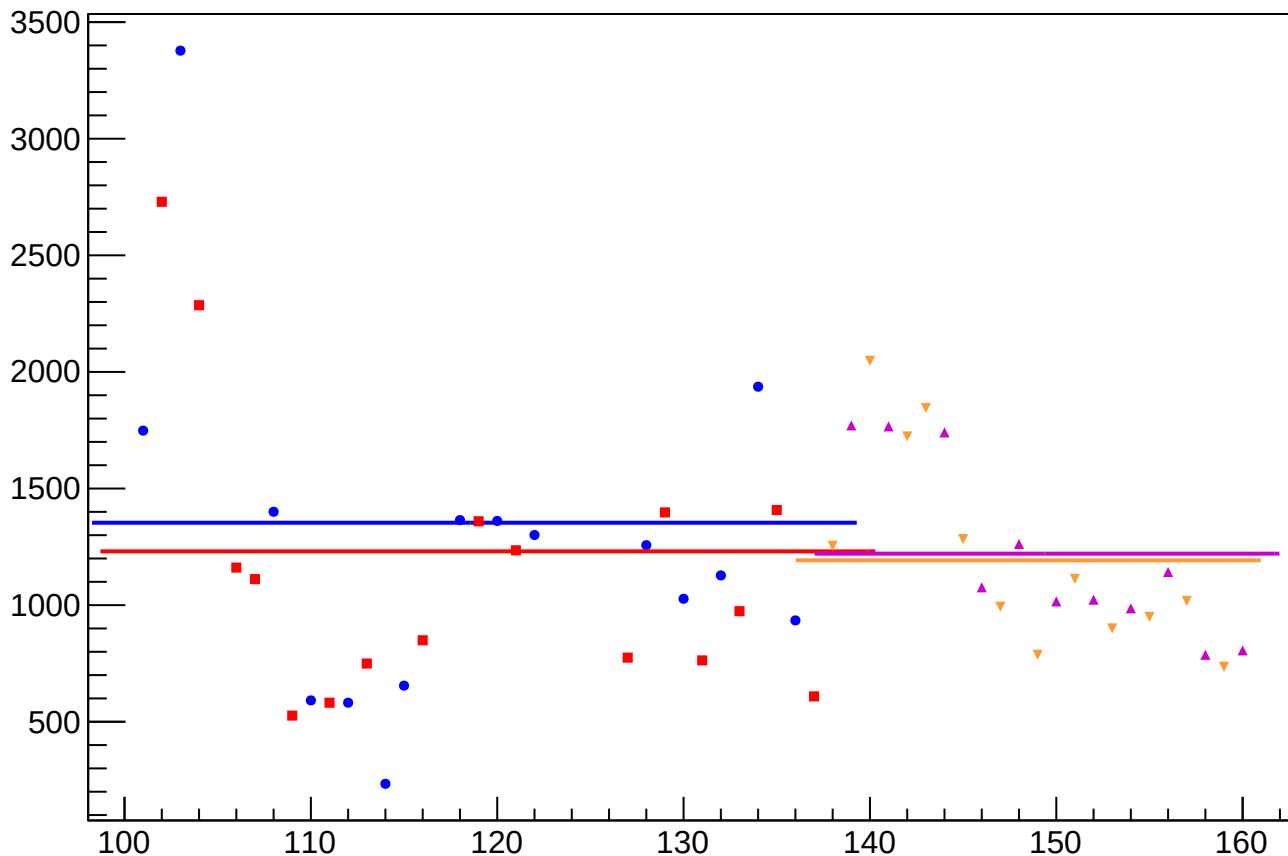
- sign 1089.748+/-0.000 χ^2/NDF : 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7277.886+/-0.000 χ^2/NDF : 2738867305918098068317388239234104557568.0/11
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10

dit_sam4_coil7_err_mean vs Slug



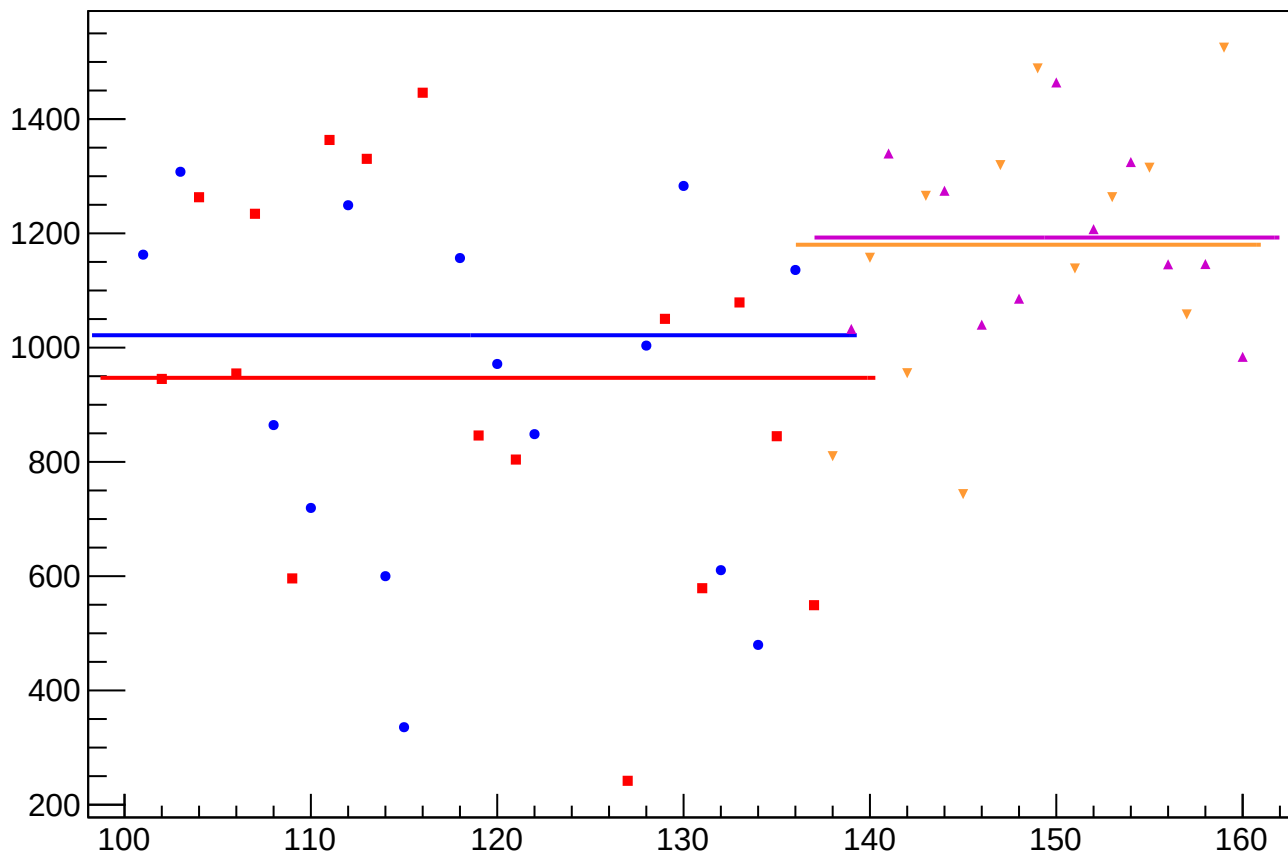
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1192.275+/-0.000 χ^2/NDF : 150893742871936420702627399426239365120.0/11

Right Out: 1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: 1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

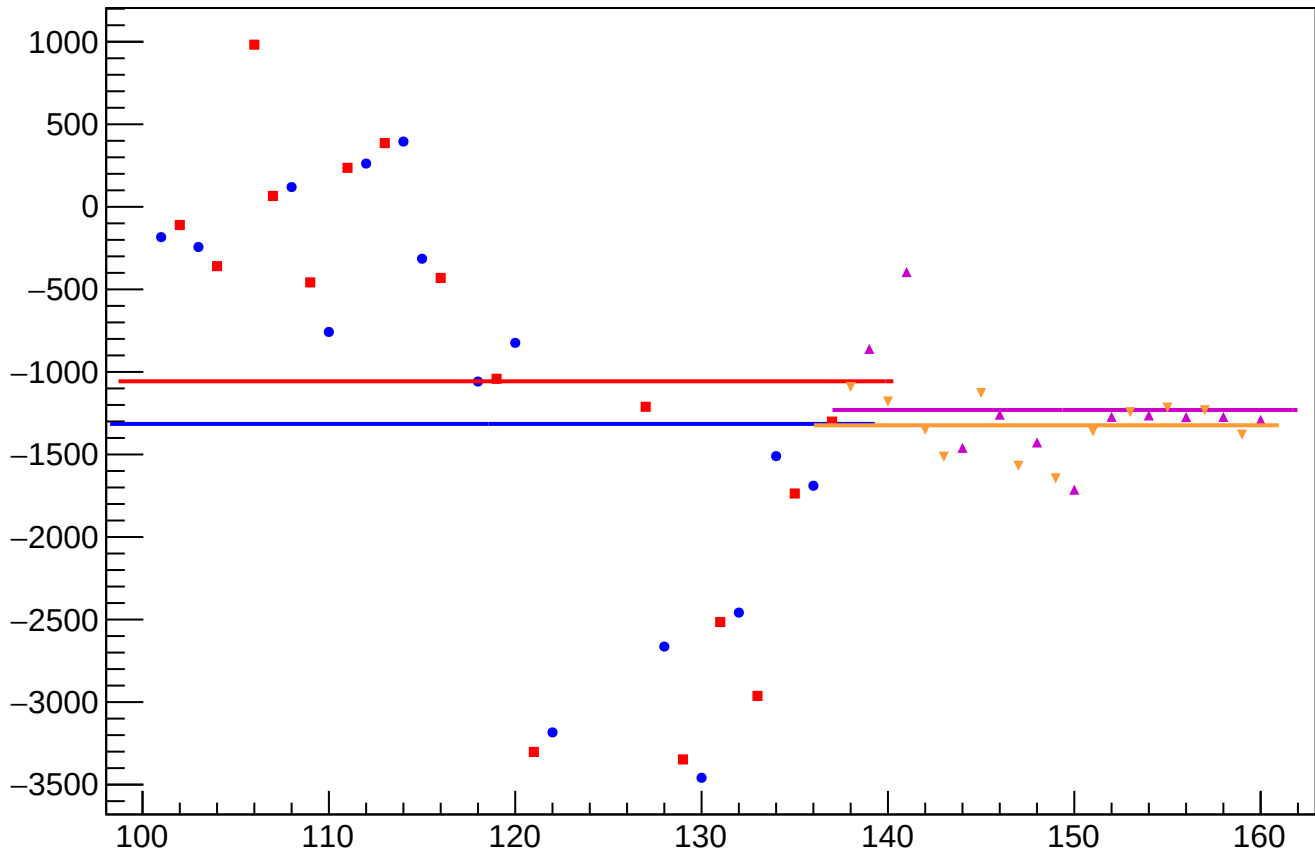
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

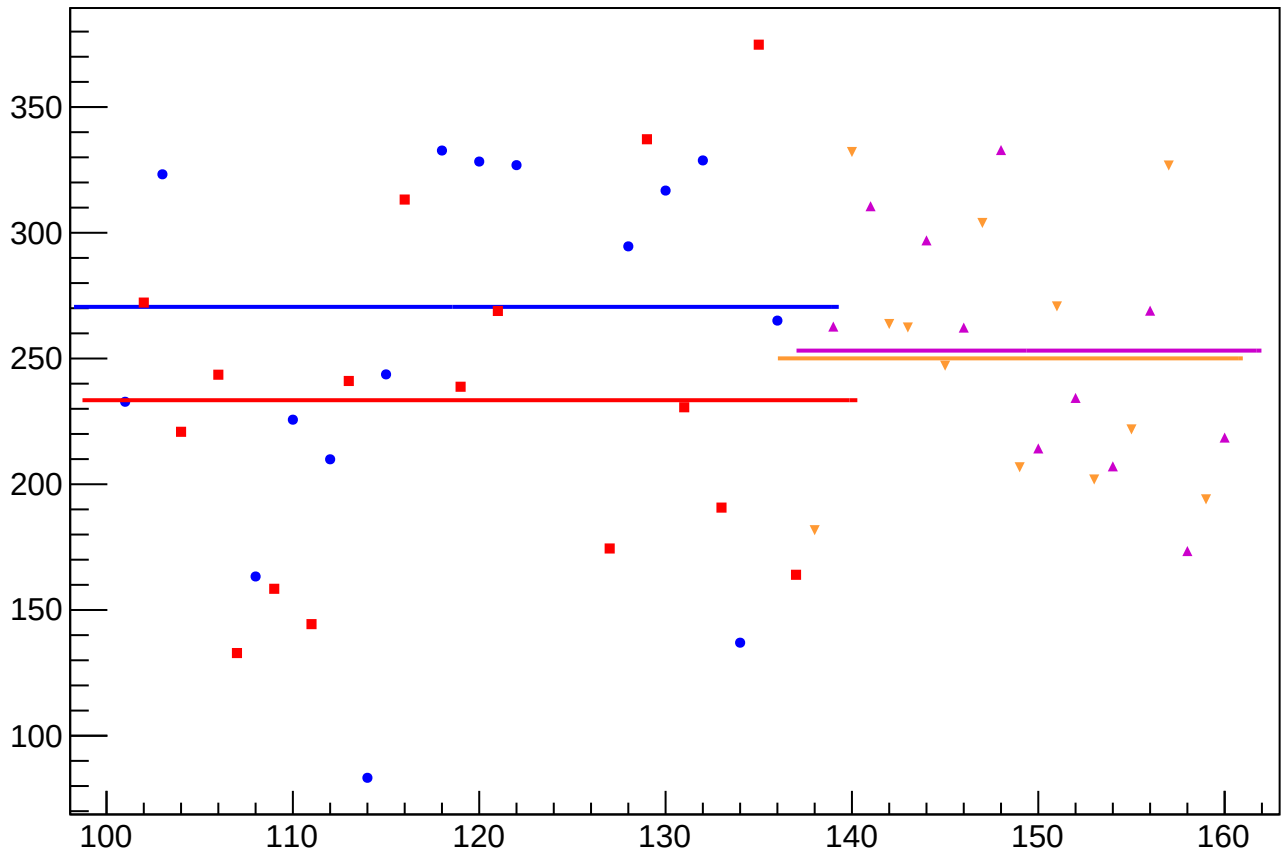
- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1323.142 ± 0.000 $\chi^2/\text{NDF}: 27180584789293911694803613303409999872.0/11$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1230.430 ± 0.000 $\chi^2/\text{NDF}: 100431691068850056086409132460520505344.0/10$

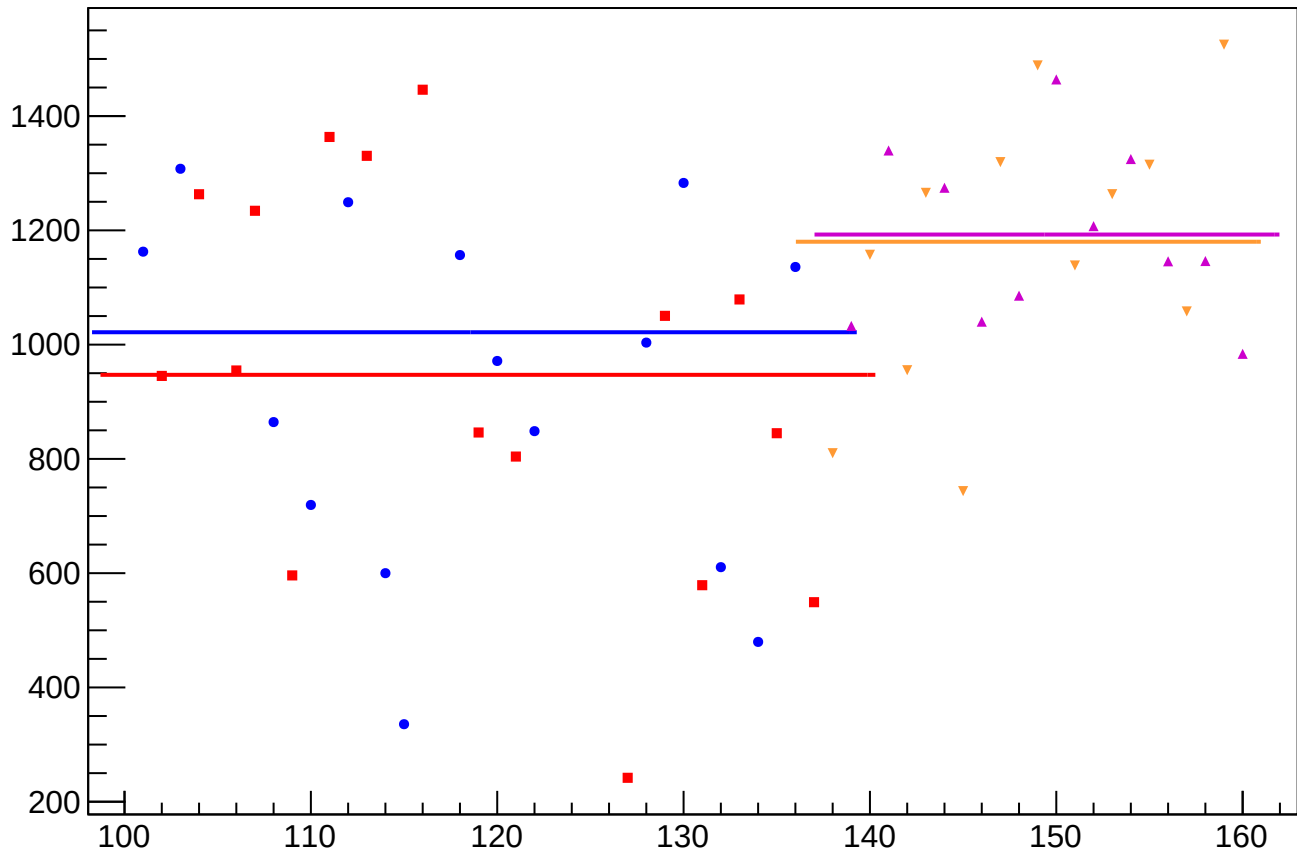
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 250.055+/-0.000	χ^2/NDF : 2329396041694824766683600755668025344.0/11
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 253.145+/-0.000	χ^2/NDF : 1980196841930298045035907903943344128.0/10

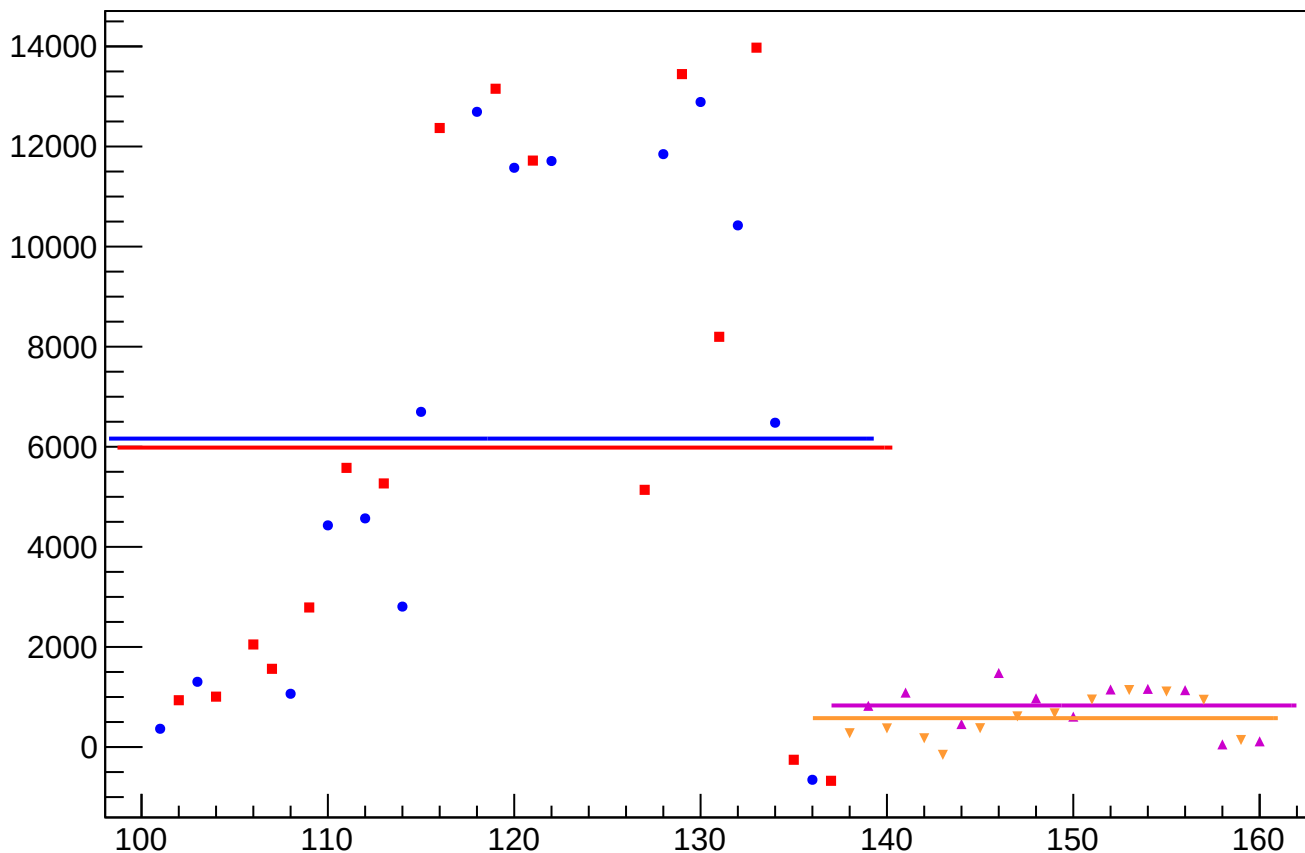
+ sign 258.560+/-0.000 χ^2/NDF : 496246110495273
 All: 251.658+/-0.000 χ^2/NDF : 10289533435
 - sign 244.876+/-0.000 χ^2/NDF : 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



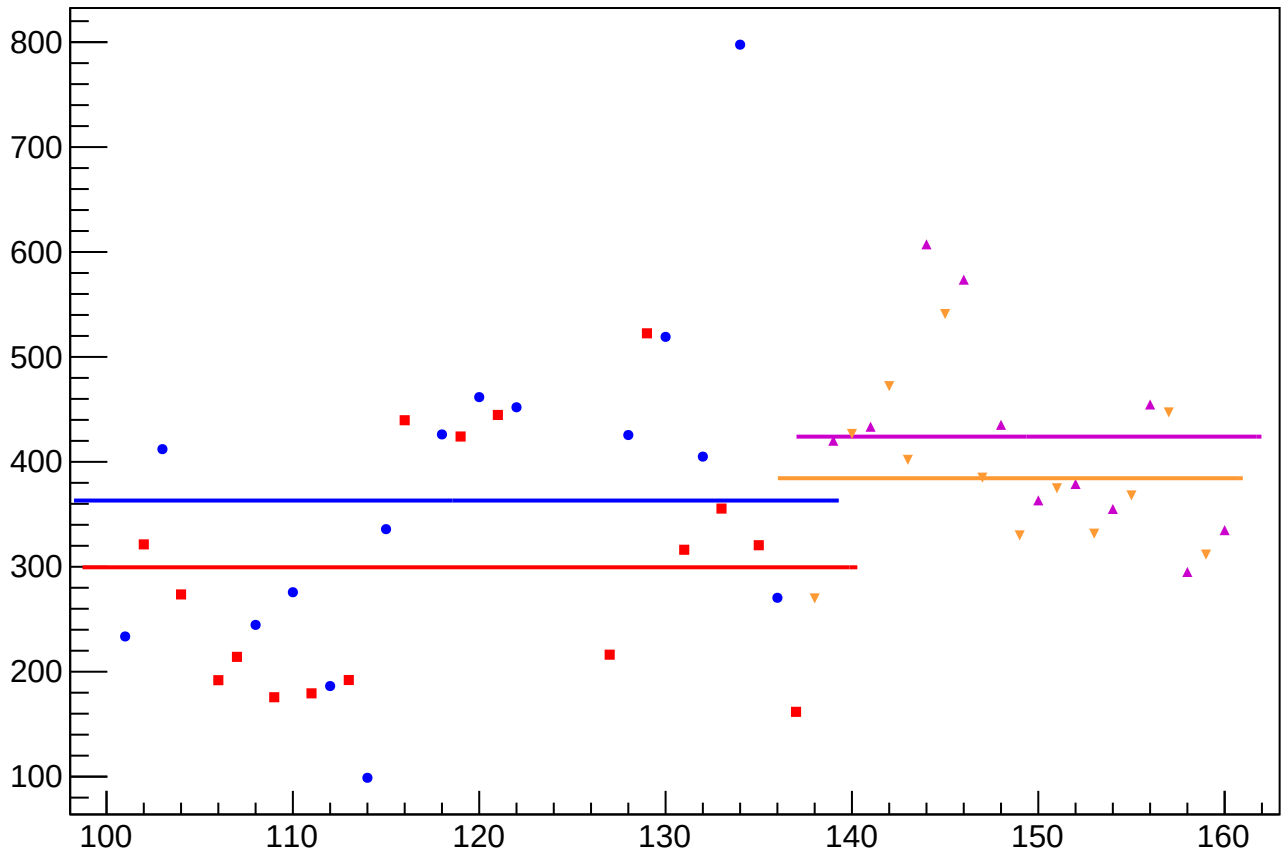
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 577.285+/-0.000 χ^2/NDF : 143964932817712353720884813497116917760.0/11
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10

dit_sam6_coil7_err_mean vs Slug



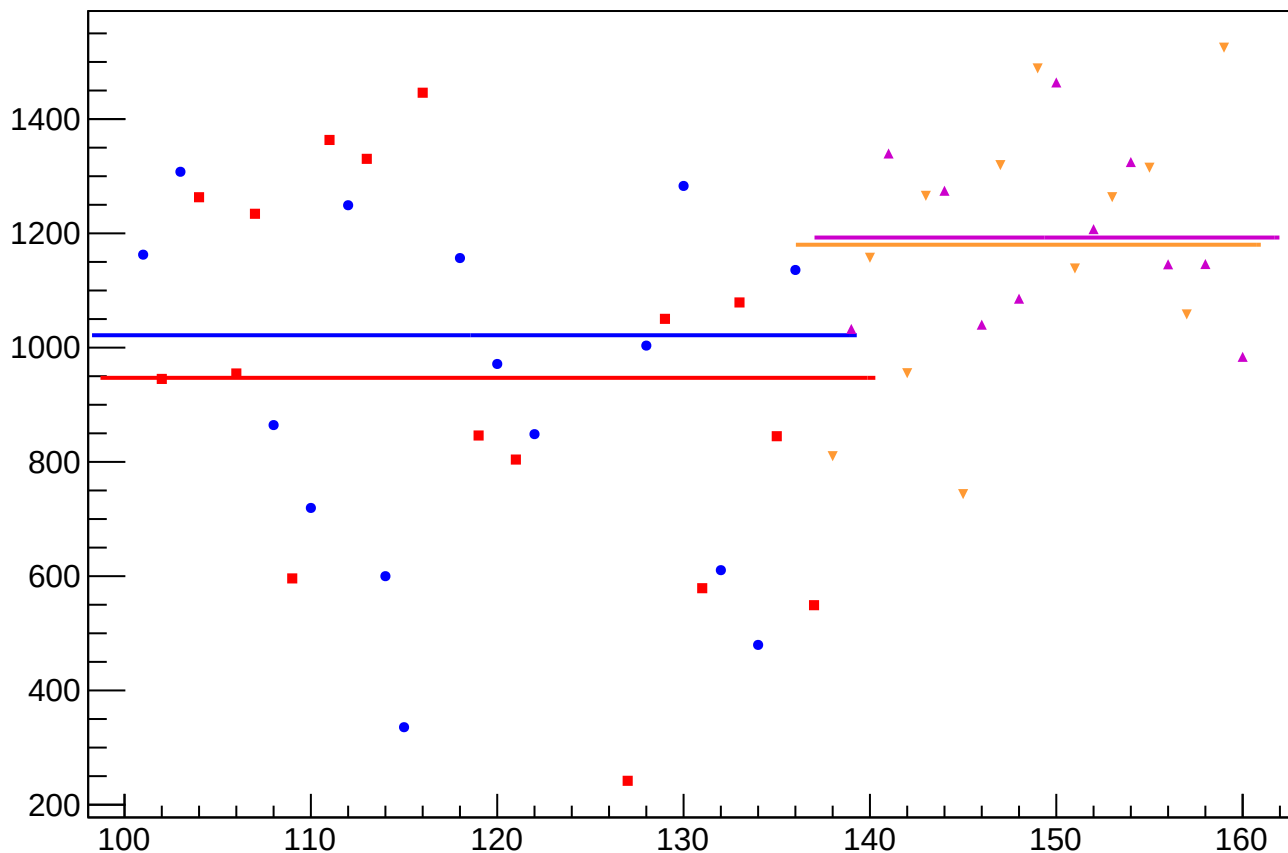
Right In: 363.133+/-0.000	χ^2/NDF : 11502791697076456426435998277995331584.0/14
Left Out: 384.397+/-0.000	χ^2/NDF : 4703352228141784942428920611126378496.0/11
Right Out: 299.514+/-0.000	χ^2/NDF : 7685497318744225218354652828984672256.0/15
Left In: 424.034+/-0.000	χ^2/NDF : 7812894231718086106241094868881375232.0/10

+ sign 375.568+/-0.000 χ^2/NDF : 163777394222651

All: 373.683+/-0.000 χ^2/NDF : 37893357873

- sign 371.831+/-0.000 χ^2/NDF : 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

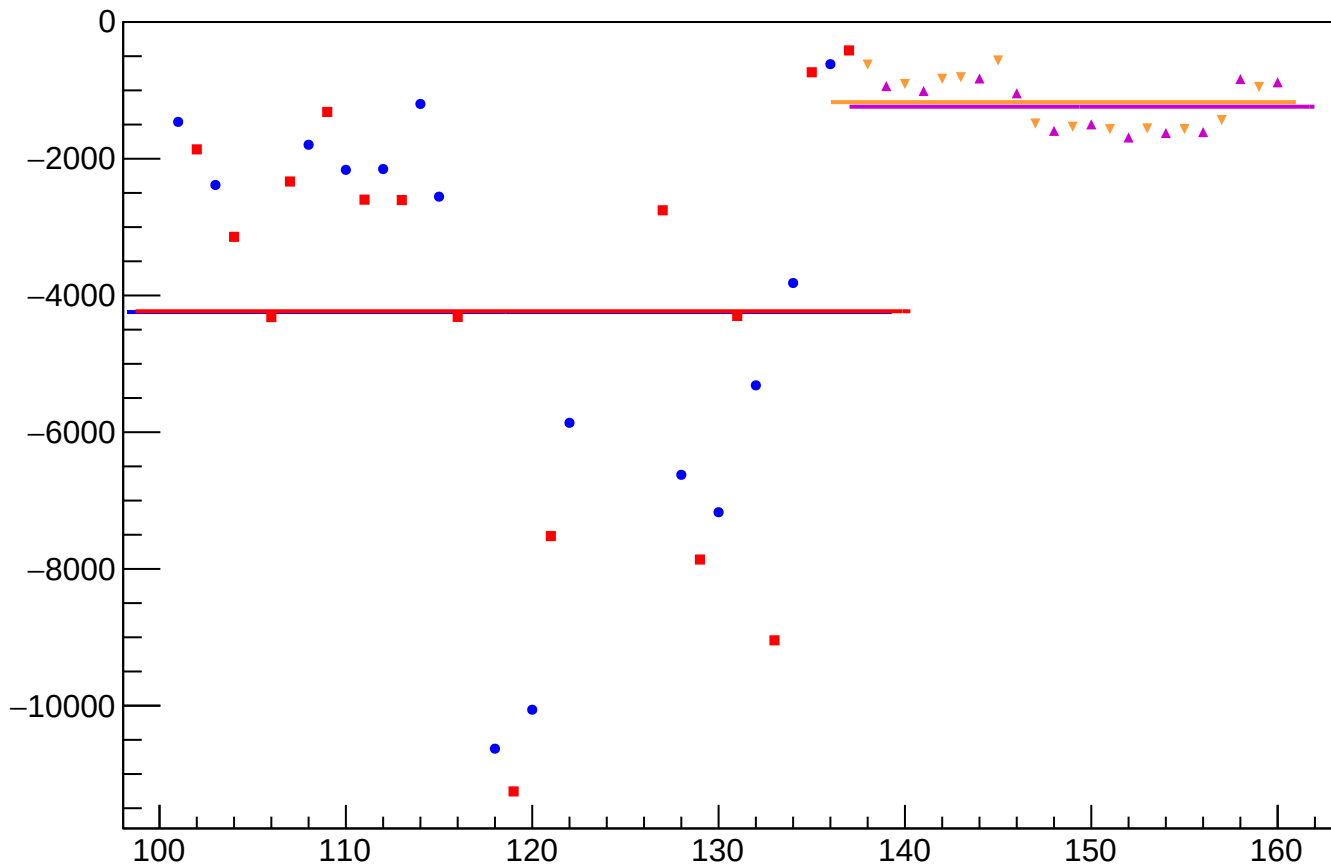
Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

+ sign 1114.323 $\pm$ 0.000 χ^2 /NDF: 10080626753263

All: 1101.926 $\pm$ 0.000 χ^2 /NDF: 21167730452

- sign 1089.748 $\pm$ 0.000 χ^2 /NDF: 11039486982366

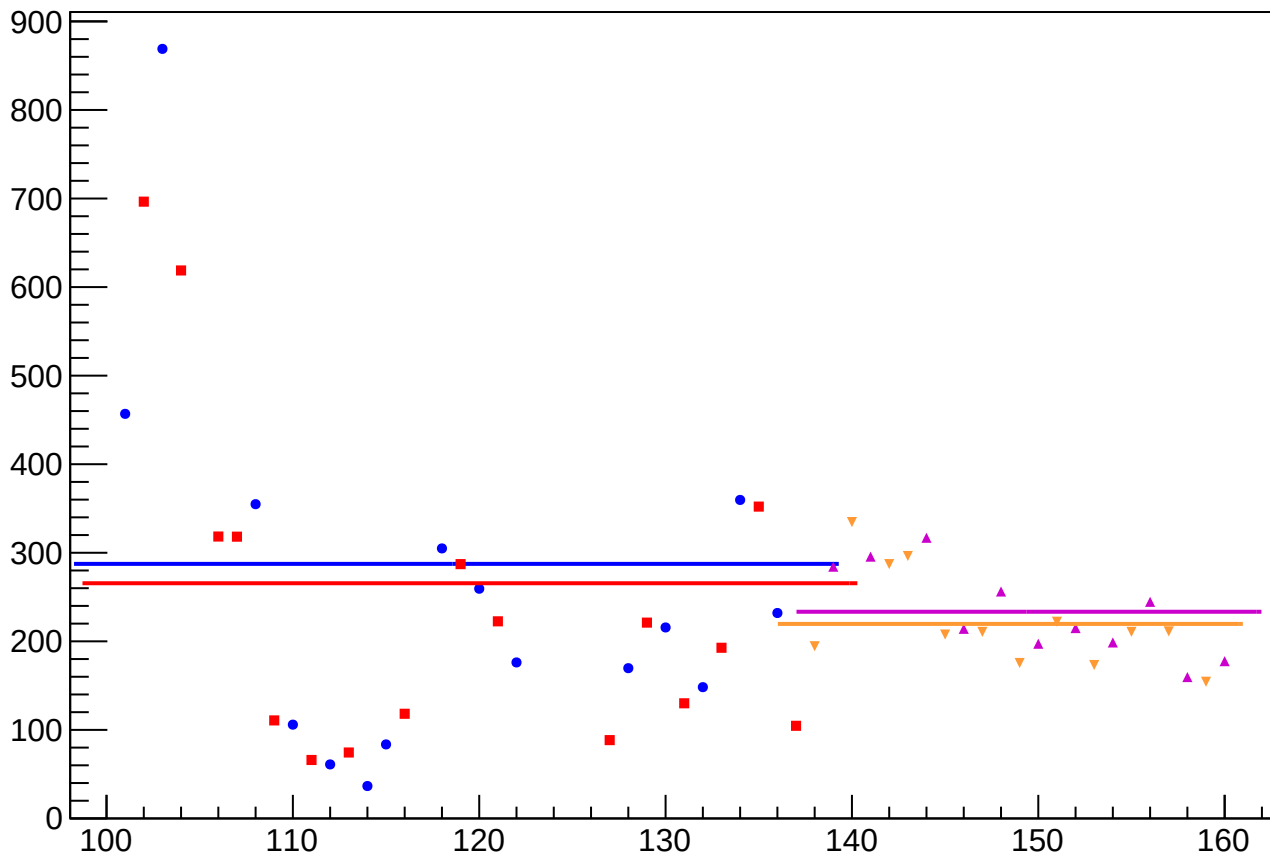
dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000	χ^2/NDF : 6783472272174151371145601081742110752768.0/14
Left Out: -1171.784+/-0.000	χ^2/NDF : 137401425112319786783295403719378599936.0/11
Right Out: -4230.978+/-0.000	χ^2/NDF : 6682409528103016752204343573740930465792.0/15
Left In: -1238.776+/-0.000	χ^2/NDF : 111339045659652616720712870833504124928.0/10

+ sign -2446.693+/-0.000 χ^2/NDF : 1049869951463
 All: -2470.156+/-0.000 χ^2/NDF : 2076239631
 - sign -2493.207+/-0.000 χ^2/NDF : 10261991032463

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF : 2455507522676926762328692419180101632.0/11

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

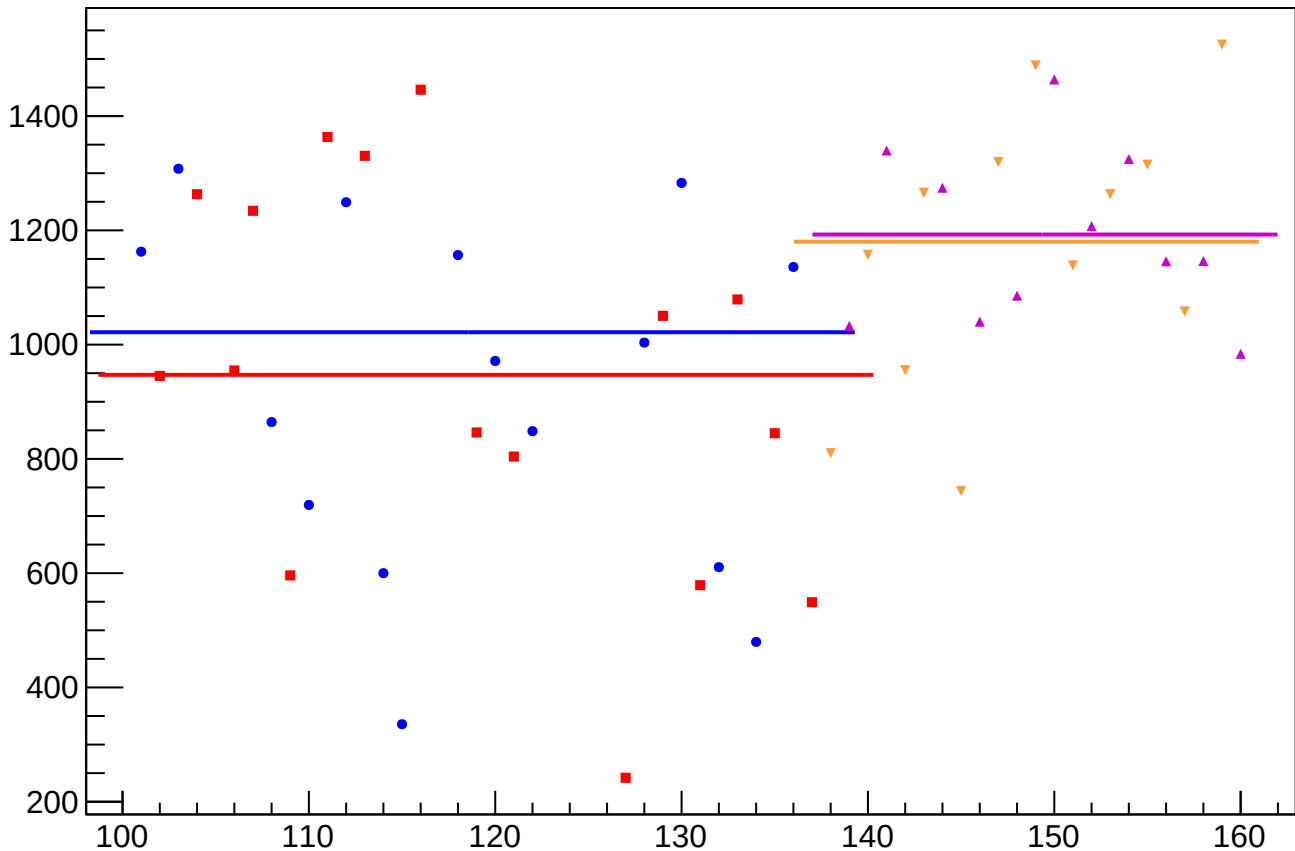
Left In: 233.397+/-0.000 χ^2/NDF : 2171341737989359237753599766499950592.0/10

+ sign 247.819+/-0.000 χ^2/NDF : 337165020245446

All: 247.353+/-0.000 χ^2/NDF : 621333161036

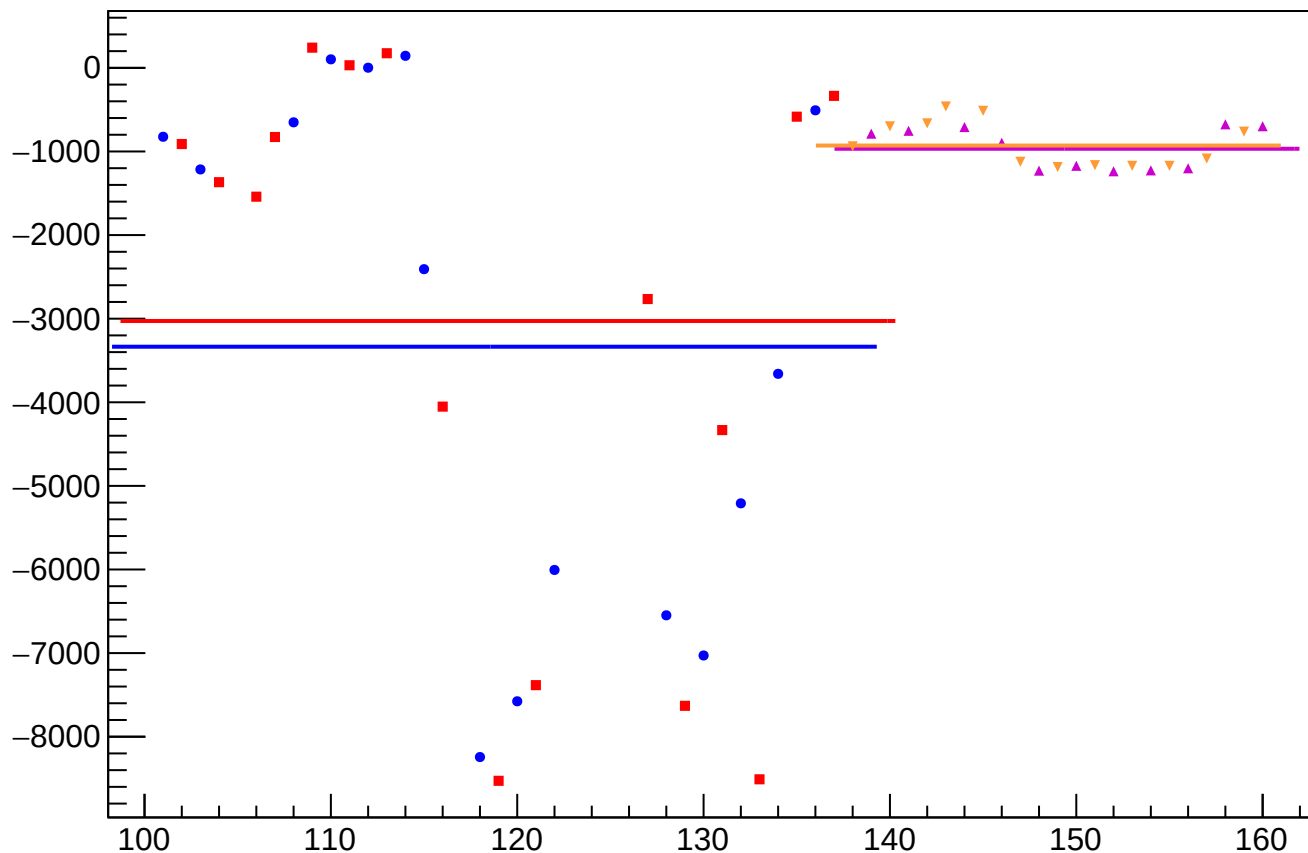
- sign 246.895+/-0.000 χ^2/NDF : 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



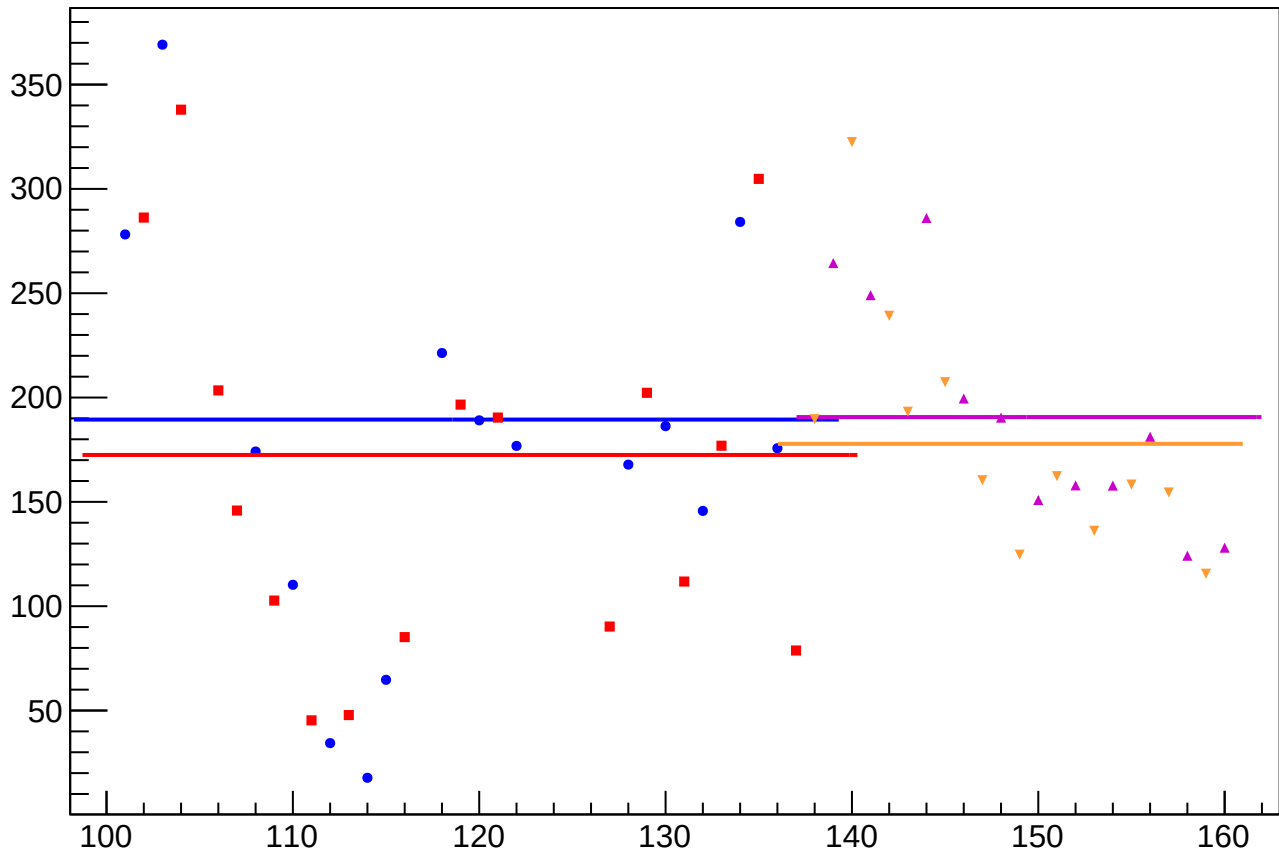
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 6778465601193652151169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

dit_sam8_coil7_mean vs Slug



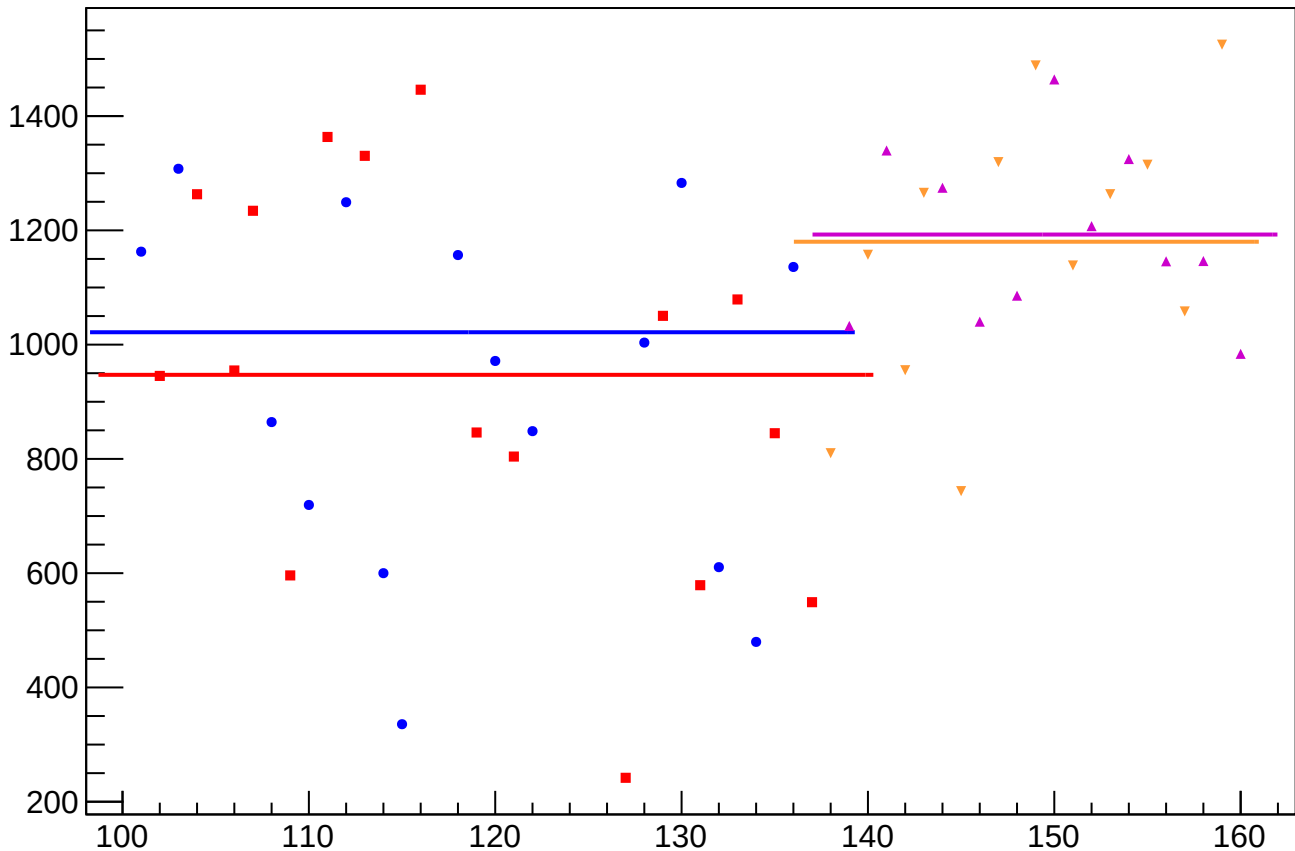
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 + sign -1928.069+/-0.000 χ^2/NDF : 8598052081097
 Left Out: -928.862+/-0.000 χ^2/NDF : 62250510021534104734591710459968094208.0/11
 All: -1879.206+/-0.000 χ^2/NDF : 1738697442
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 - sign -1831.203+/-0.000 χ^2/NDF : 87815243922483
 Left In: -967.568+/-0.000 χ^2/NDF : 51461881619401718567497787720865939456.0/10

dit_sam8_coil7_err_mean vs Slug



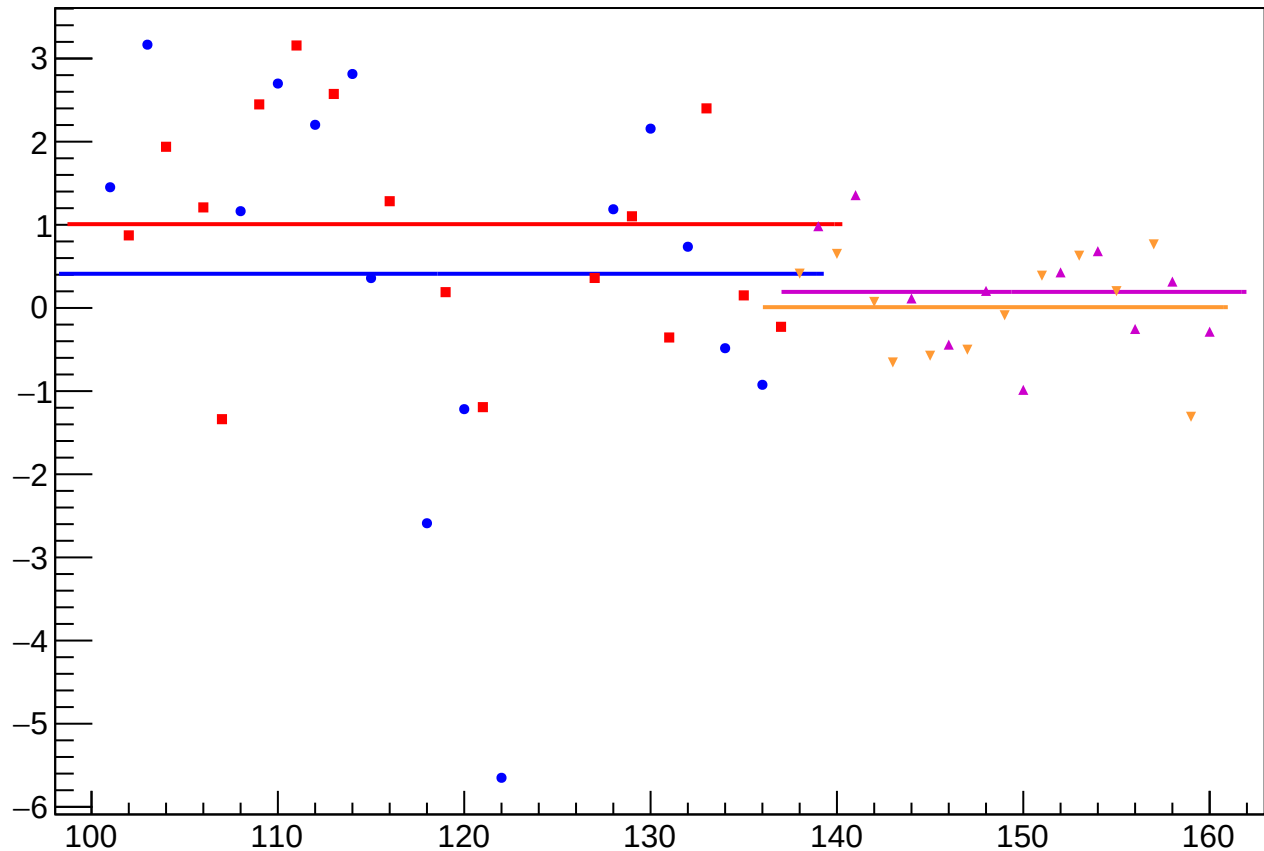
Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14
 Left Out: 177.811 $\pm$ 0.000 χ^2 /NDF: 2793392529927944860081581234505908224.0/11
 Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15
 Left In: 190.641 $\pm$ 0.000 χ^2 /NDF: 2536070386684067132001548898091925504.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1180.103 $\pm$ 0.000 χ^2 /NDF: 50788606804690292724539730503787347968.0/11
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1192.687 $\pm$ 0.000 χ^2 /NDF: 19255287383728205662654022867381911552.0/10

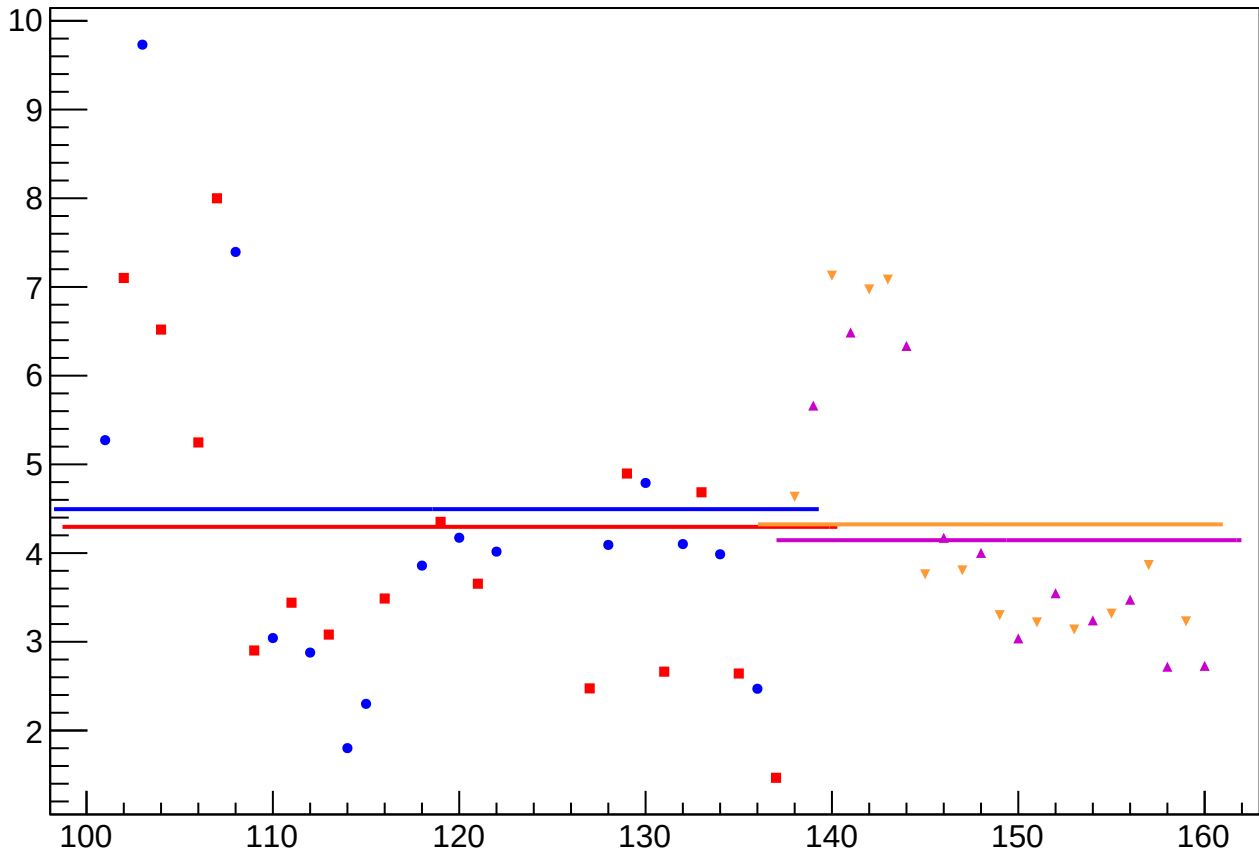
dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000	χ^2/NDF : 3385573506255563170053089820409856.0/14
Left Out: 0.010+/-0.000	χ^2/NDF : 354573516648160349272665694928896.0/11
Right Out: 1.008+/-0.000	χ^2/NDF : 1128402228144096394498047410700288.0/15
Left In: 0.193+/-0.000	χ^2/NDF : 386133523330033860307880234713088.0/10

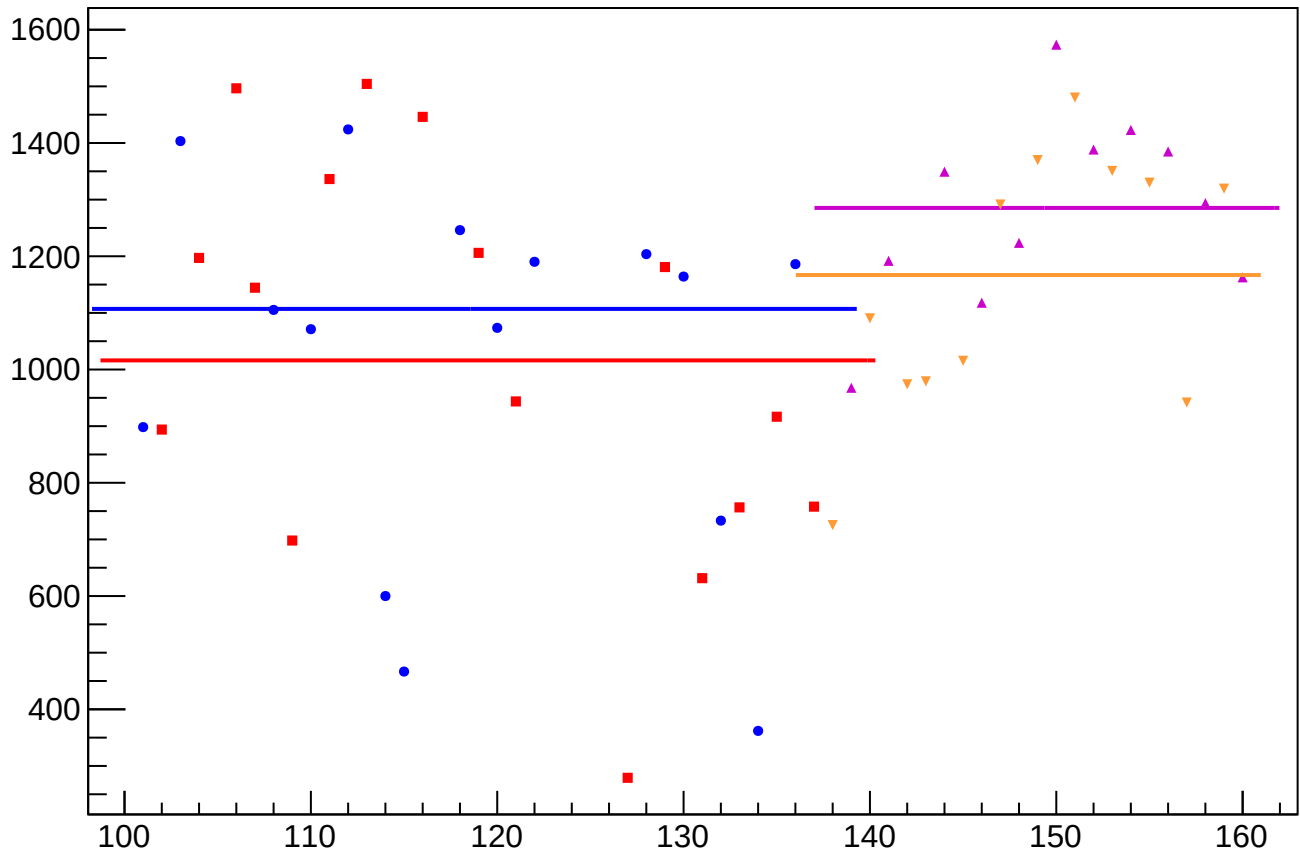
+ sign 0.176+/-0.000 χ^2/NDF : 38013535411119763
 All: 0.357+/-0.000 χ^2/NDF : 56741679110622
 - sign 0.535+/-0.000 χ^2/NDF : 17715106696706138

dit_4aX_coil4_err_mean vs Slug



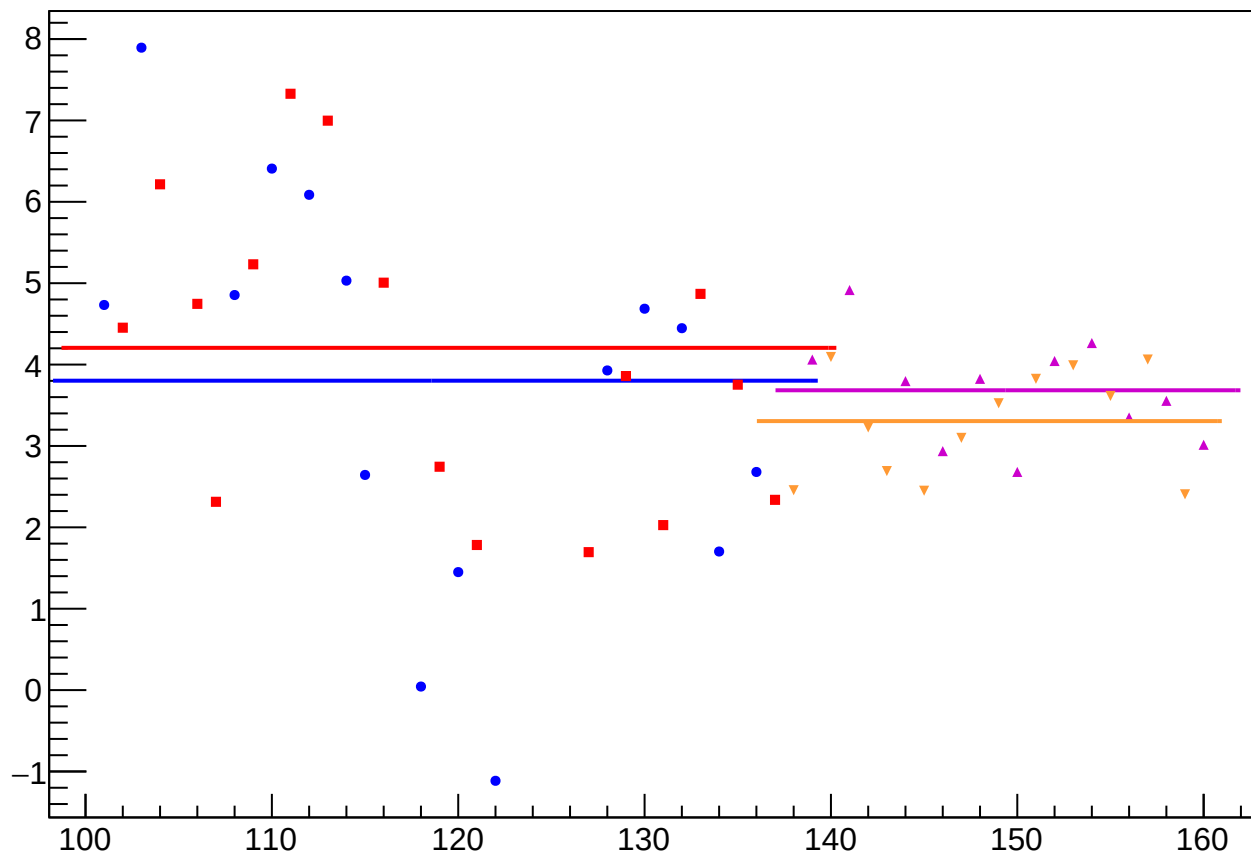
Right In: 4.495 ± 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 4.324 ± 0.000 χ^2/NDF : 2025534969388950058407109119180800.0/11
 Right Out: 4.296 ± 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: 4.145 ± 0.000 χ^2/NDF : 1645942604303349608571849827942400.0/10

dit_4aX_coil4_Ndata_mean vs Slug



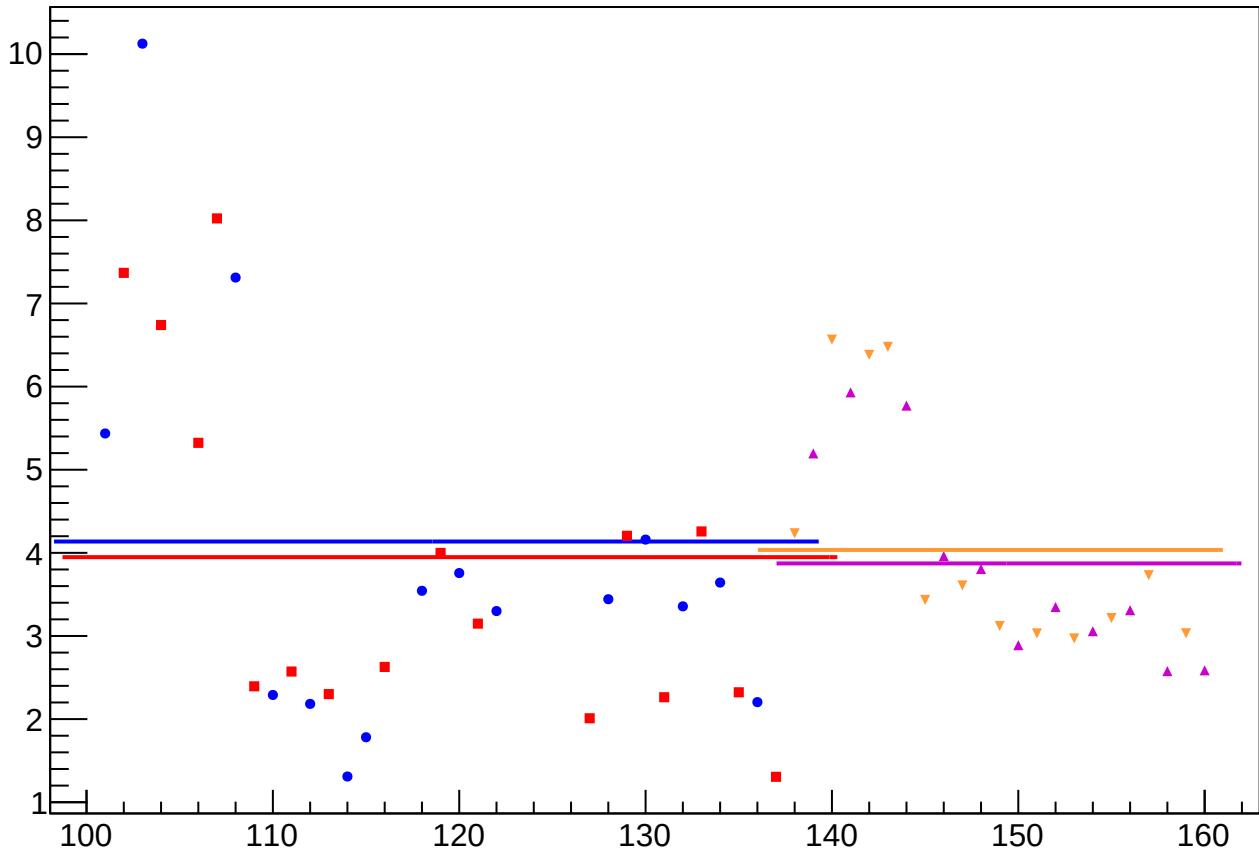
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14	+ sign 3.512+/-0.000	χ^2/NDF : 42645411605619782
Left Out: 3.305+/-0.000	χ^2/NDF : 375514605339805624898679558111232.0/11	All: 3.709+/-0.000	χ^2/NDF : 69529778539001
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15	- sign 3.903+/-0.000	χ^2/NDF : 25677839447530972
Left In: 3.684+/-0.000	χ^2/NDF : 366001419656422310601850072596480.0/10		

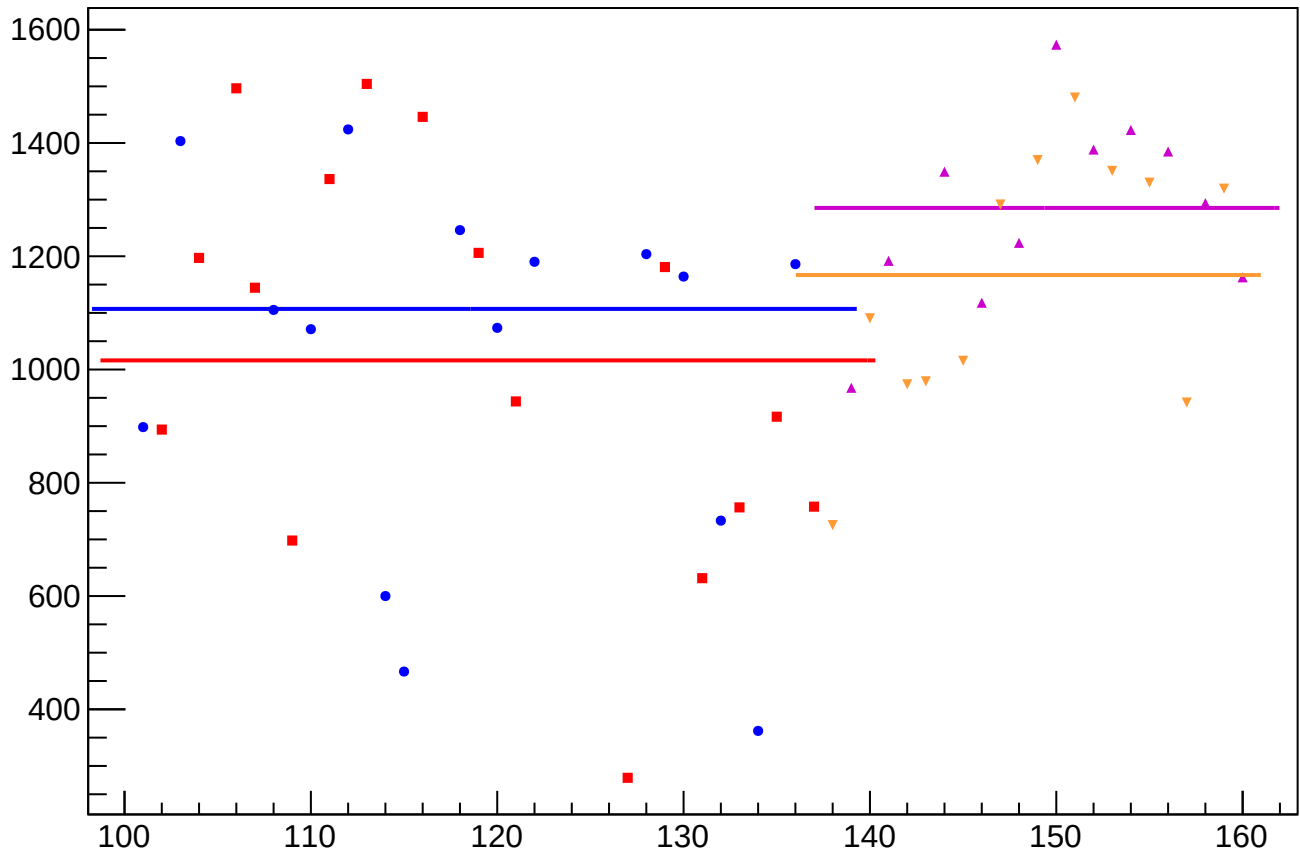
dit_4eX_coil4_err_mean vs Slug



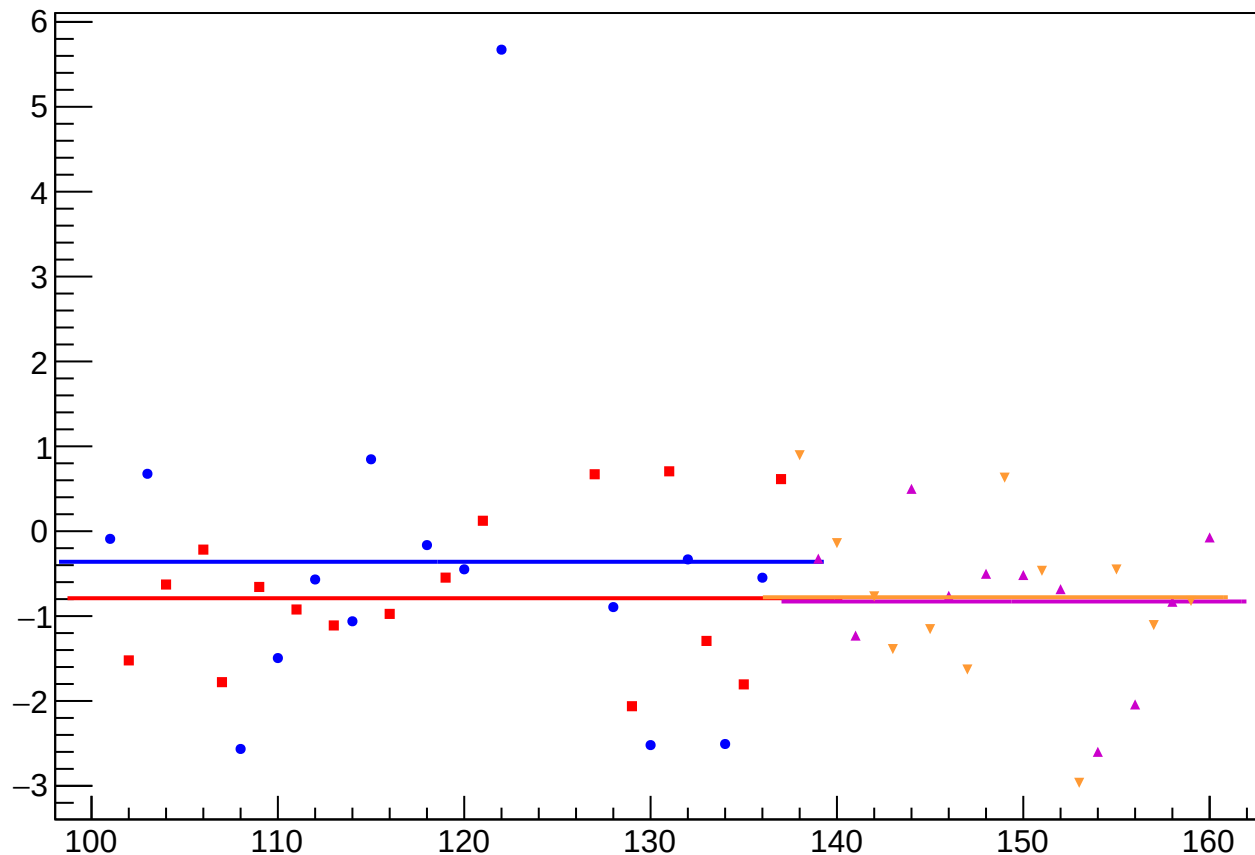
Right In: 4.136+/-0.000	χ^2/NDF : 3507600624388663919898505496231936.0/14
Left Out: 4.035+/-0.000	χ^2/NDF : 1609299061352578548486150138363904.0/11
Right Out: 3.948+/-0.000	χ^2/NDF : 2670176783942302028345551100051456.0/15
Left In: 3.873+/-0.000	χ^2/NDF : 1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF : 51207911094856769
 All: 3.990+/-0.000 χ^2/NDF : 90953049051642
 - sign 3.904+/-0.000 χ^2/NDF : 39509925748286967

dit_4eX_coil4_Ndata_mean vs Slug



dit_11X12X_coil4_mean vs Slug



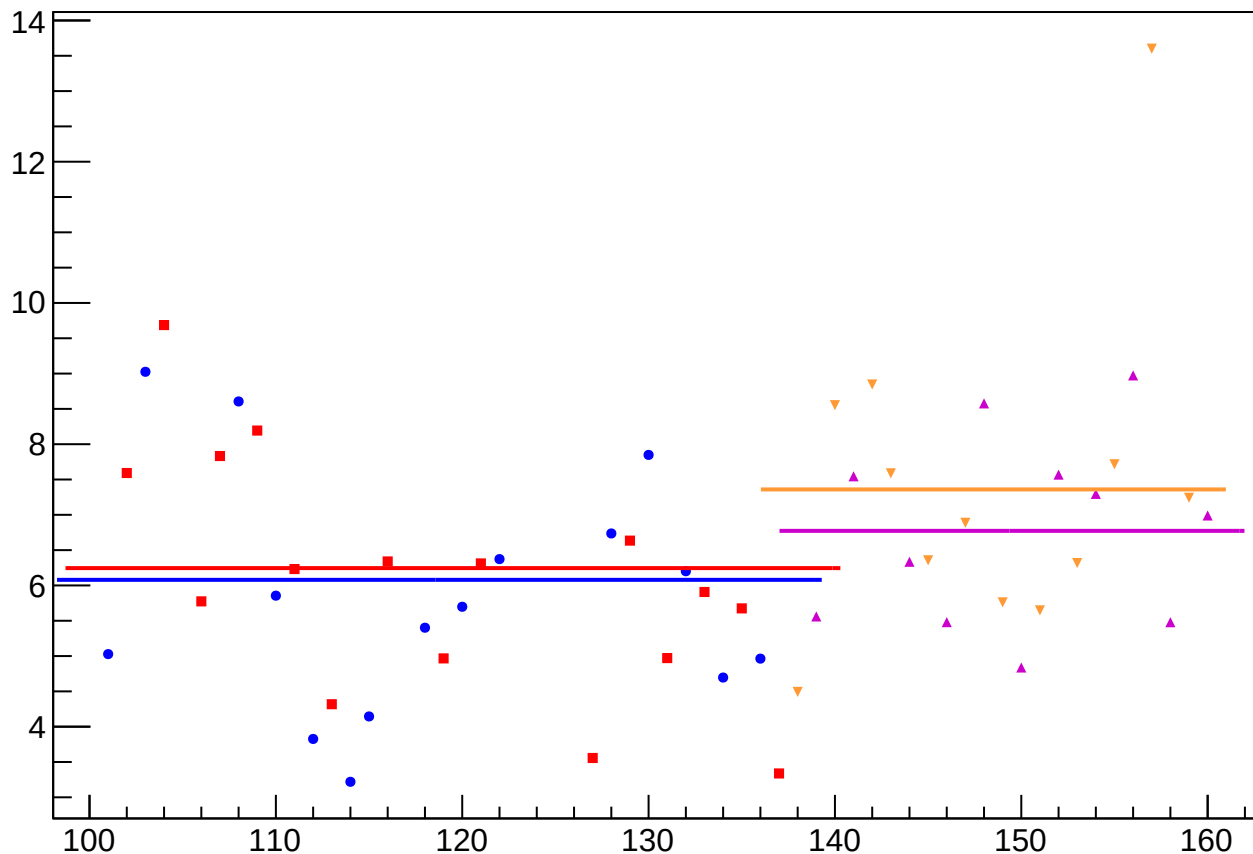
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.778 ± 0.000 χ^2/NDF : 941792568376434225486843988672512.0/11

Right Out: -0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.828 ± 0.000 χ^2/NDF : 650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.360+/-0.000 χ^2/NDF : 4580380755239365503585140070154240.0/11

Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

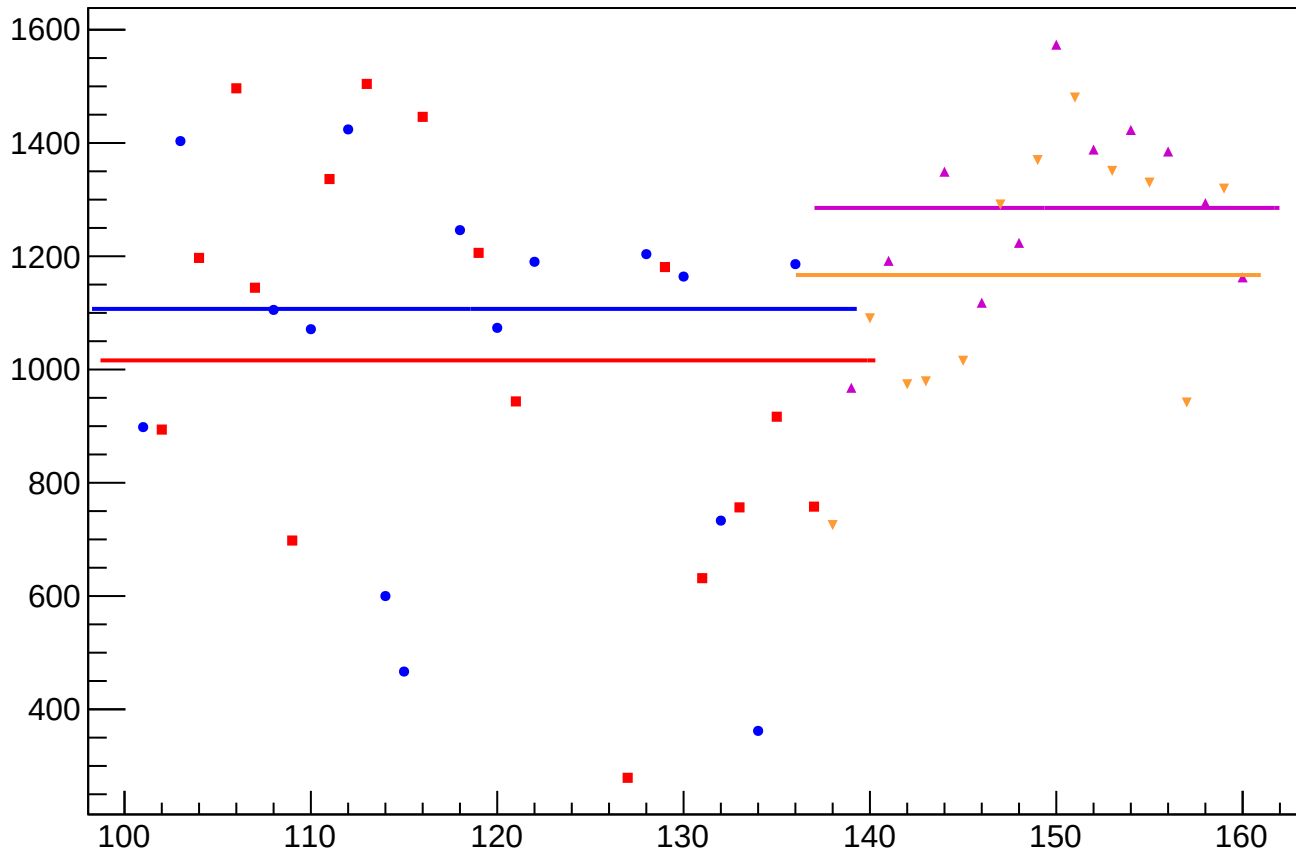
Left In: 6.773+/-0.000 χ^2/NDF : 1545880653062872635060205832372224.0/10

+ sign 6.828+/-0.000 χ^2/NDF : 67926388773700869

All: 6.689+/-0.000 χ^2/NDF : 1032305053905

- sign 6.552+/-0.000 χ^2/NDF : 34702547921187787

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

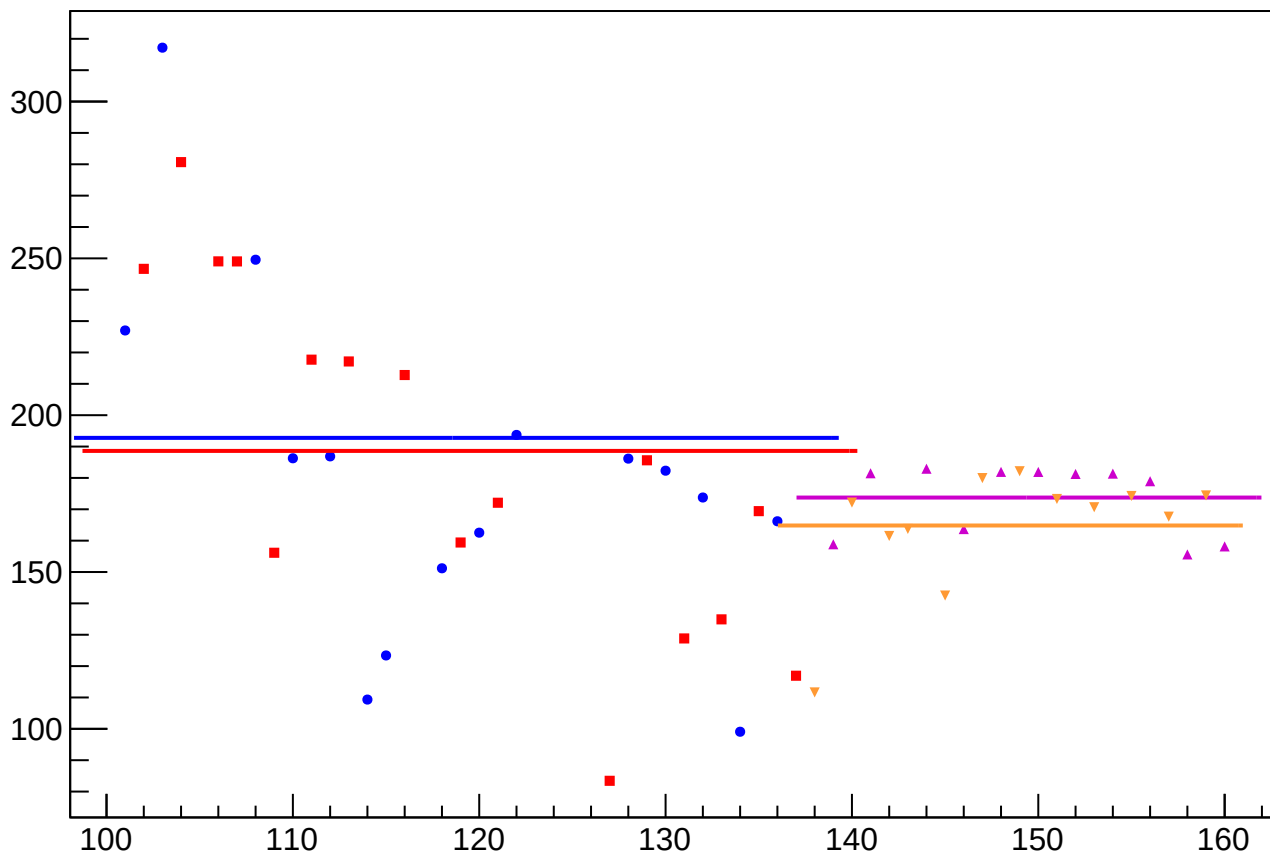
Left In: 1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

+ sign 1142.031+/-0.000 χ^2/NDF : 86643588377316

All: 1157.392+/-0.000 χ^2/NDF : 21202911442

- sign 1172.482+/-0.000 χ^2/NDF : 12465444911625

dit_4aY_coil4_mean vs Slug



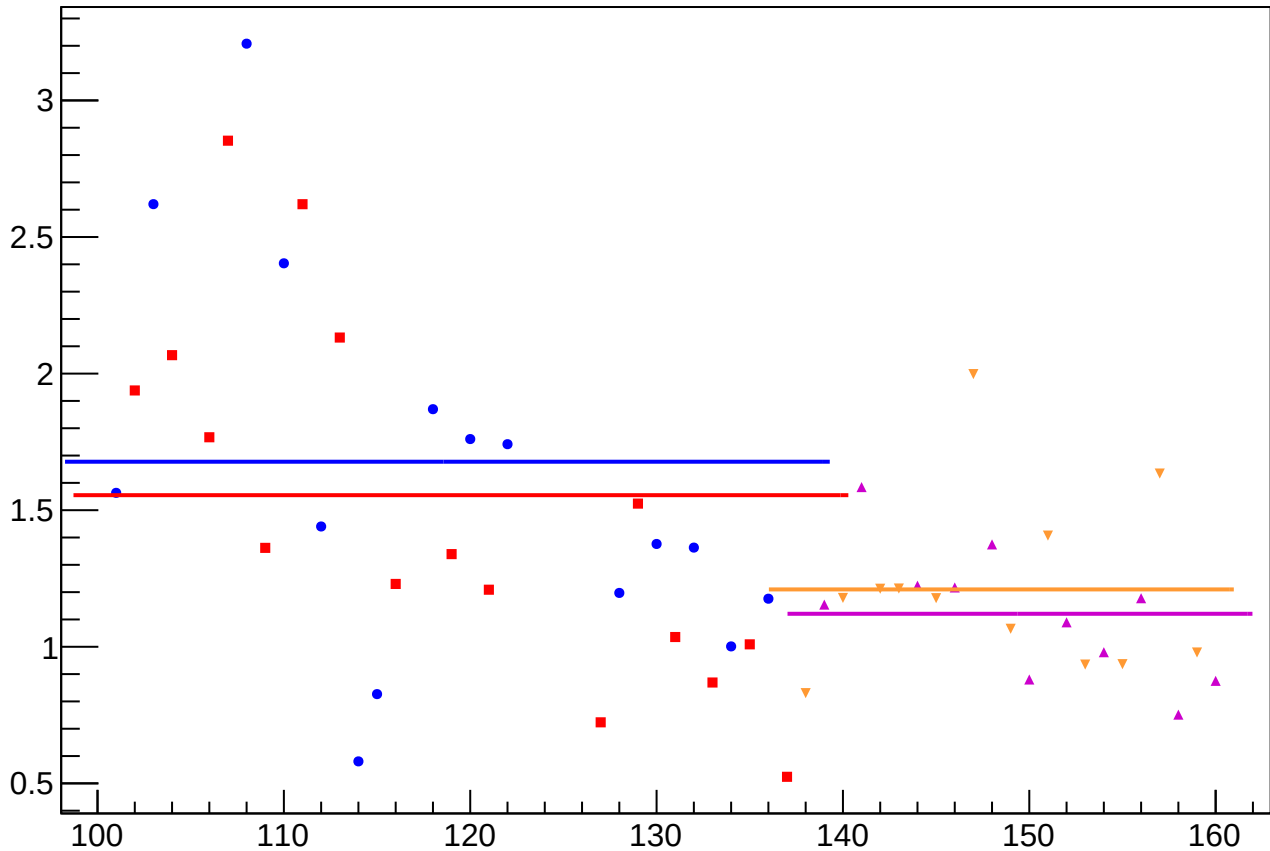
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 164.832+/-0.000 χ^2/NDF : 331248867631864480349687016910225408.0/11

Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 173.738+/-0.000 χ^2/NDF : 107568156923900649458795541002452992.0/10

dit_4aY_coil4_err_mean vs Slug



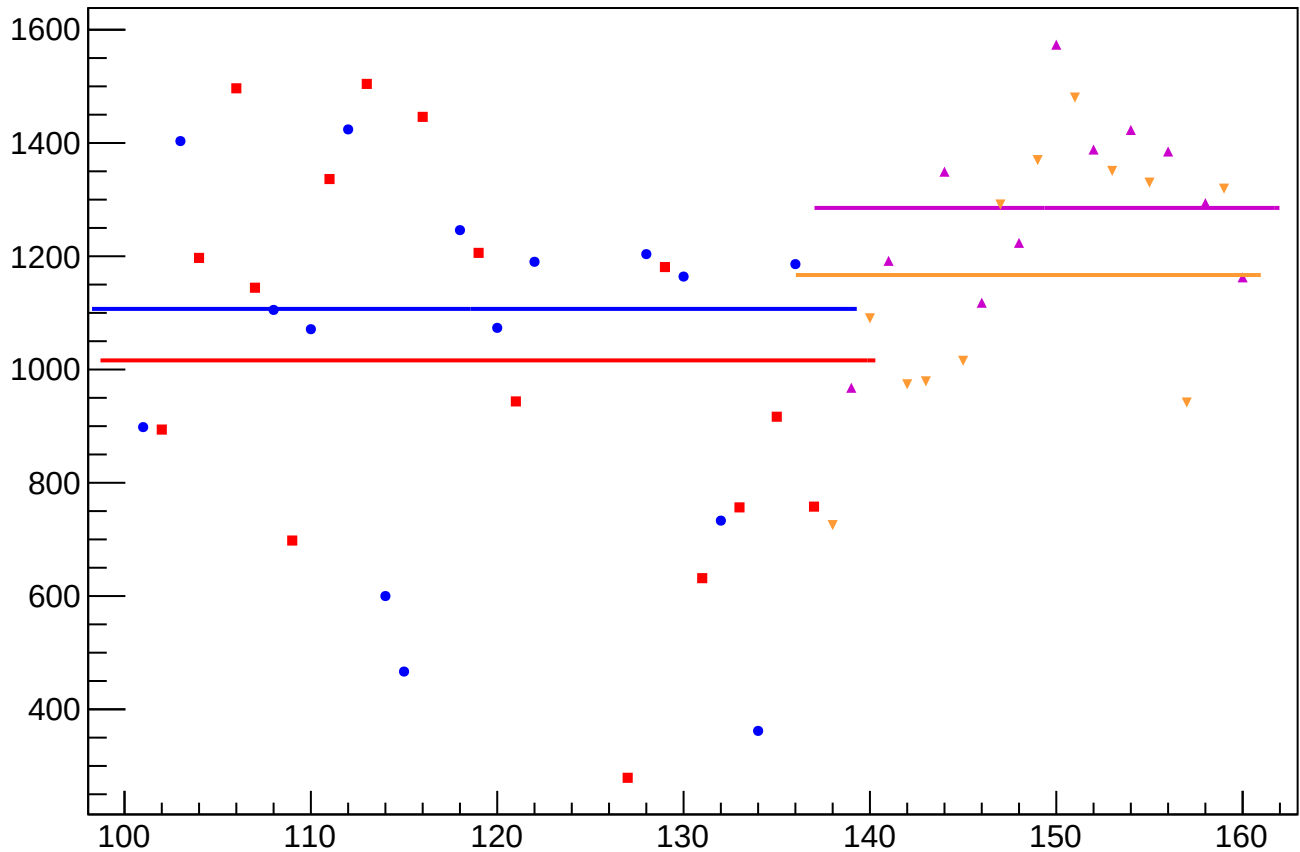
Right In: 1.677 ± 0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.210 ± 0.000 χ^2/NDF : 95500502458420026672384705560576.0/11

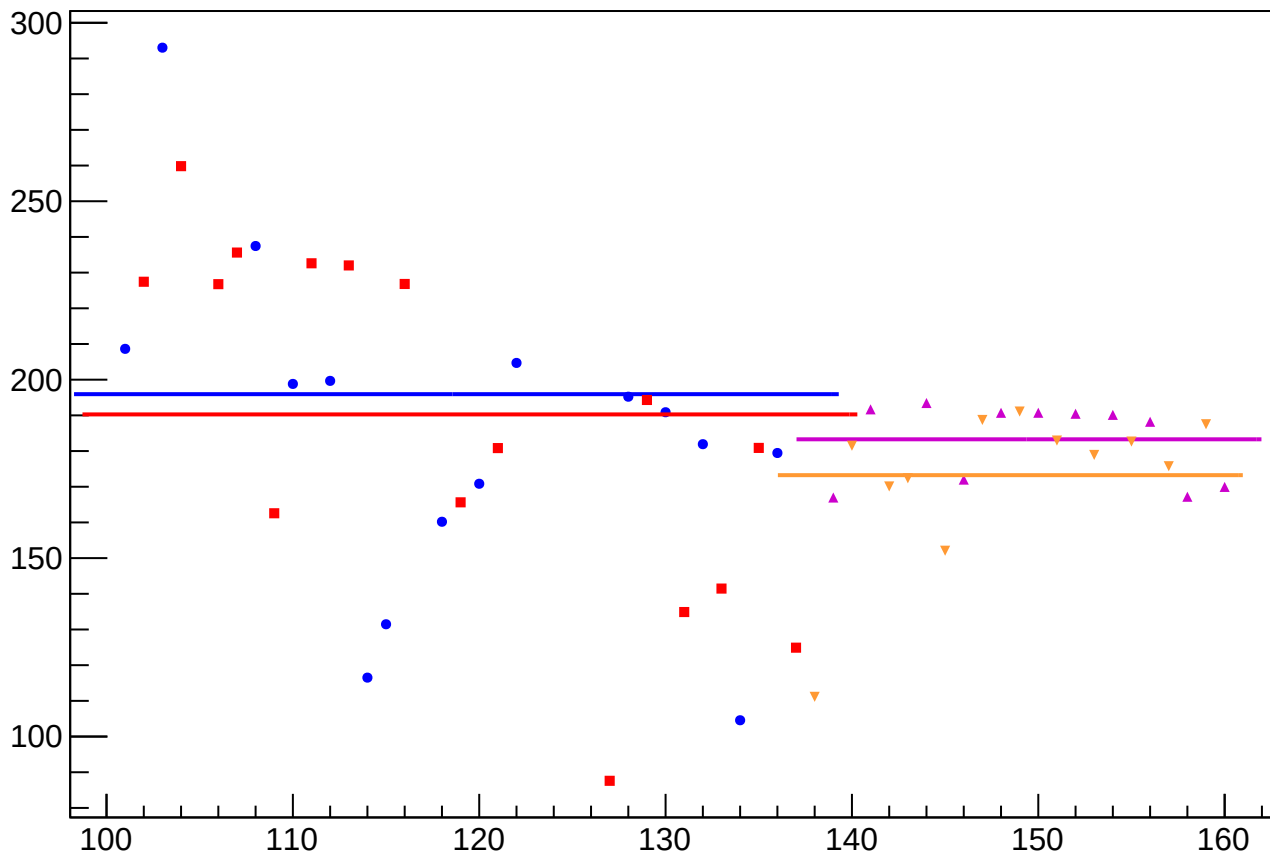
Right Out: 1.555 ± 0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

Left In: 1.121 ± 0.000 χ^2/NDF : 48374896563348957372285351624704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF : 421189743022312956779621222954565632.0/11

Right Out: 190.268+/-0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

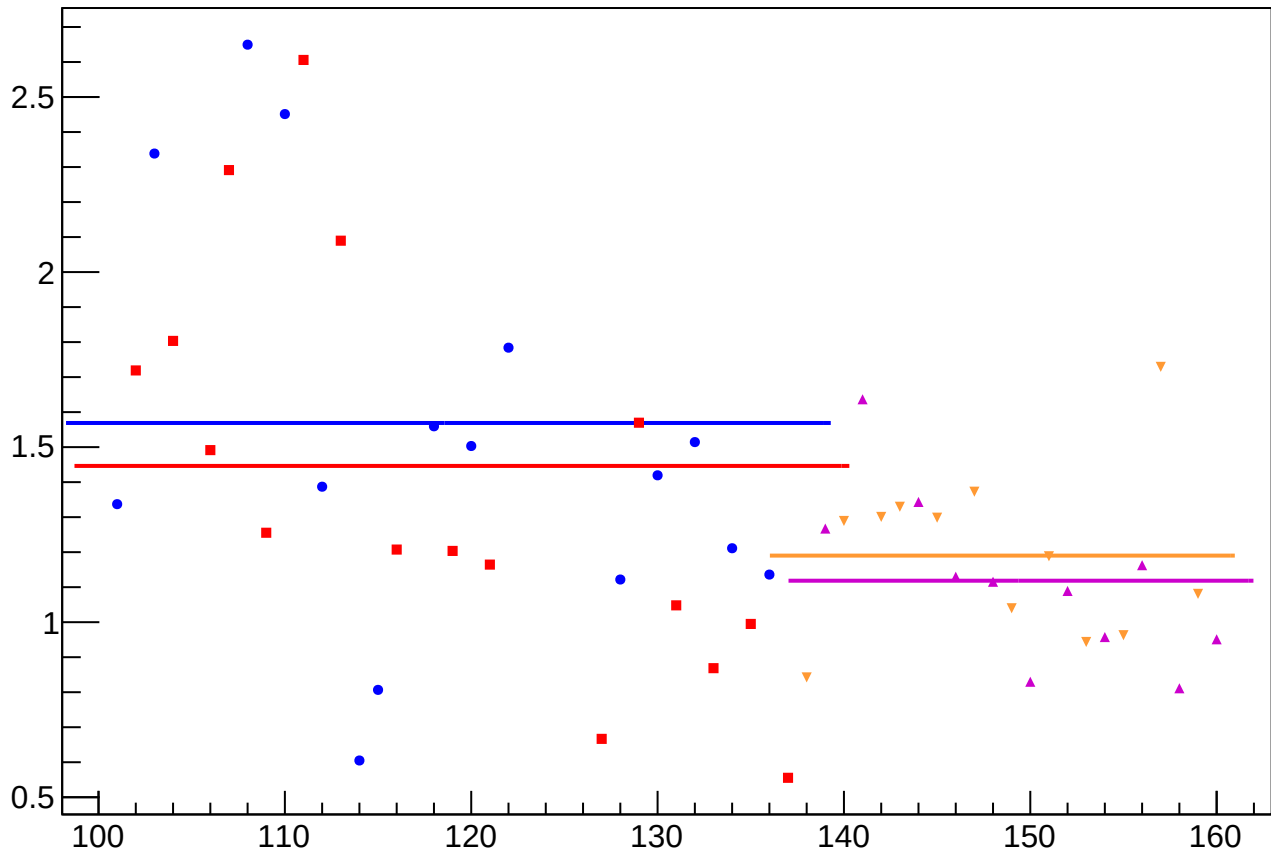
Left In: 183.290+/-0.000 χ^2/NDF : 101738841511111417821042611832487936.0/10

+ sign 182.669+/-0.000 χ^2/NDF : 167456742062075

All: 184.458+/-0.000 χ^2/NDF : 32735567790

- sign 186.216+/-0.000 χ^2/NDF : 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.190 $\pm$ 0.000 χ^2 /NDF: 50745822936032217336144814145536.0/11

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

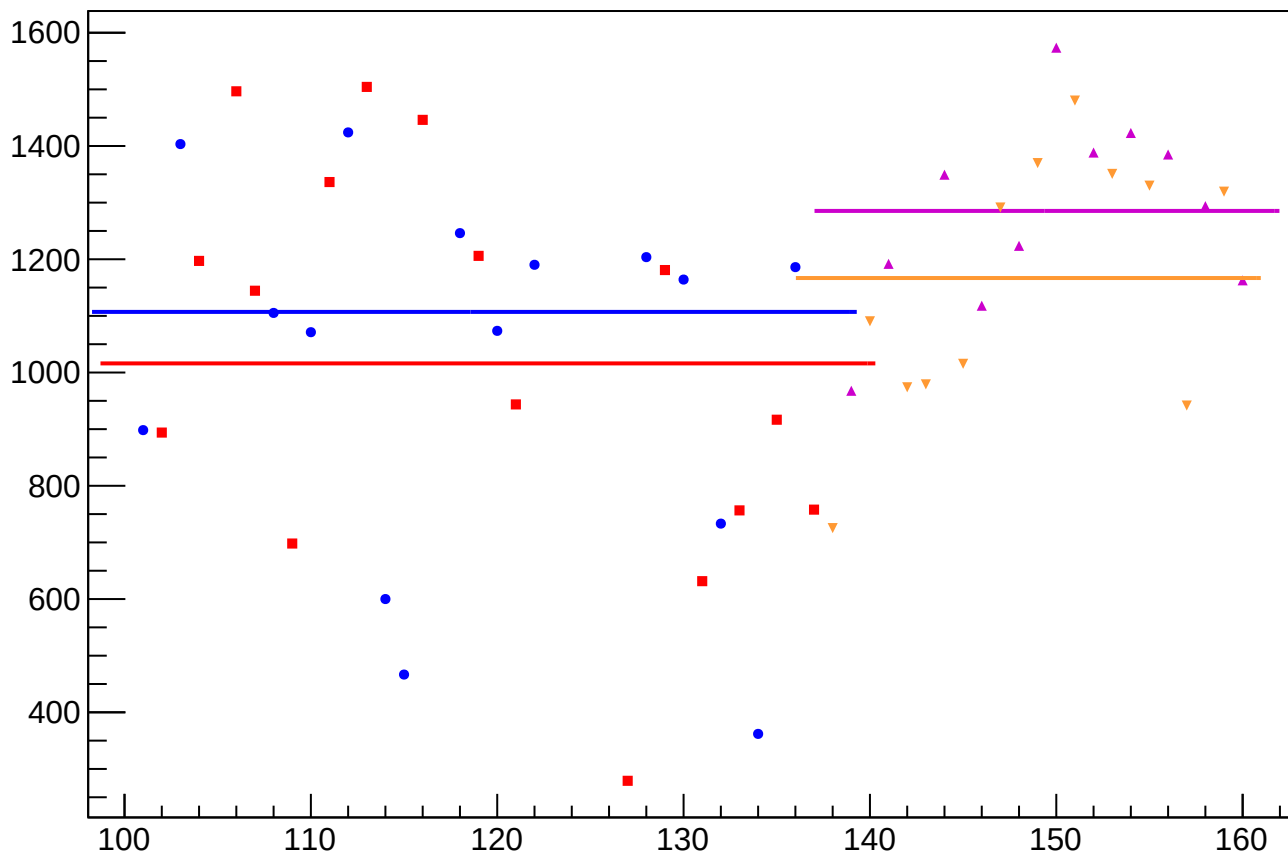
Left In: 1.118 $\pm$ 0.000 χ^2 /NDF: 48973496995723480911801365823488.0/10

+ sign 1.347 $\pm$ 0.000 χ^2 /NDF: 26805645085959175

All: 1.301 $\pm$ 0.000 χ^2 /NDF: 56157588721998

- sign 1.256 $\pm$ 0.000 χ^2 /NDF: 28690992559145743

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

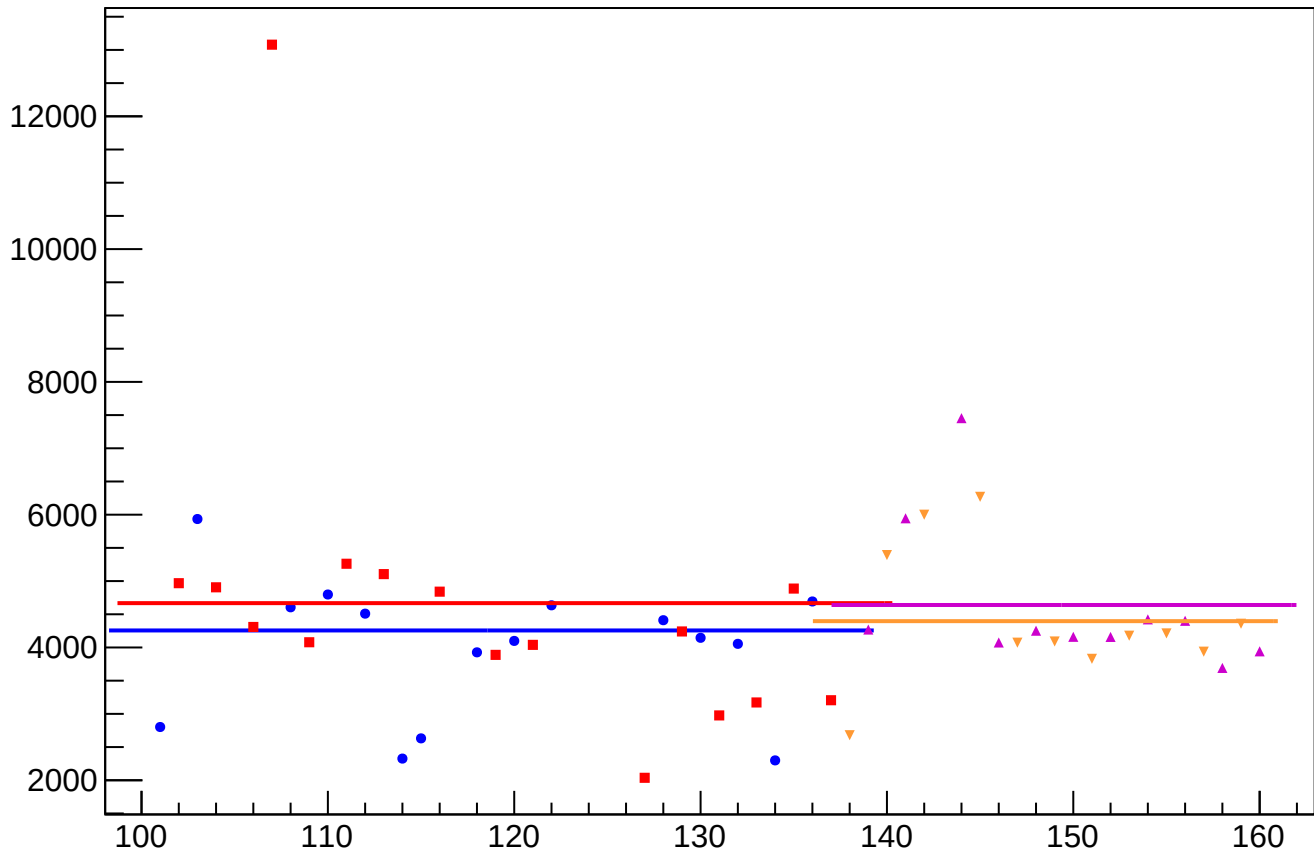
Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

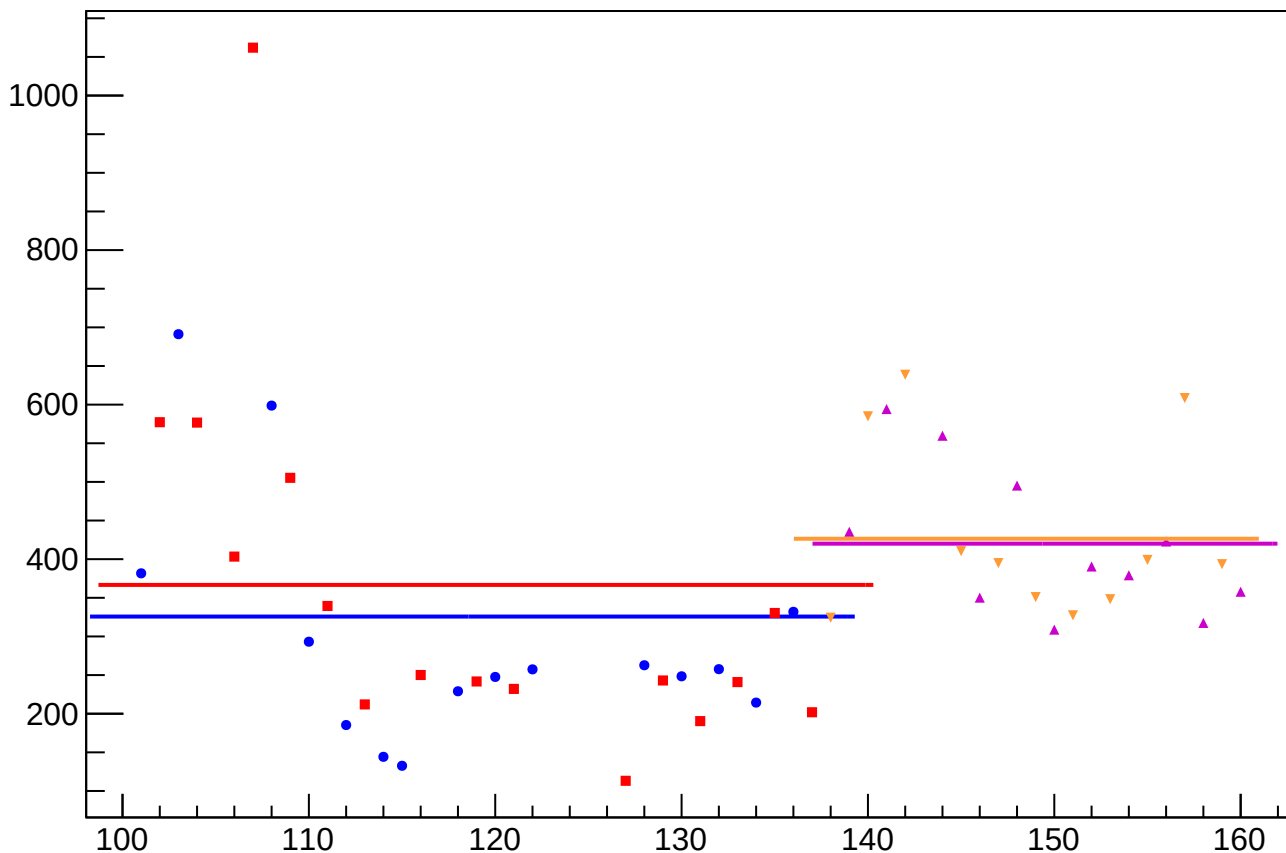
All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14	+ sign 4335.661+/-0.000	χ^2/NDF : 12734954654857
Left Out: 4396.403+/-0.000	χ^2/NDF : 767686308157486440179100240552638021632.0/10	All: 4498.481+/-0.000	χ^2/NDF : 56111214278
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15	- sign 4651.578+/-0.000	χ^2/NDF : 42606752336216
Left In: 4639.846+/-0.000	χ^2/NDF : 1058446303743243170530981239939506634752.0/10		

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 426.446+/-0.000 χ^2/NDF : 9564737566607591468000084323542761472.0/10

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

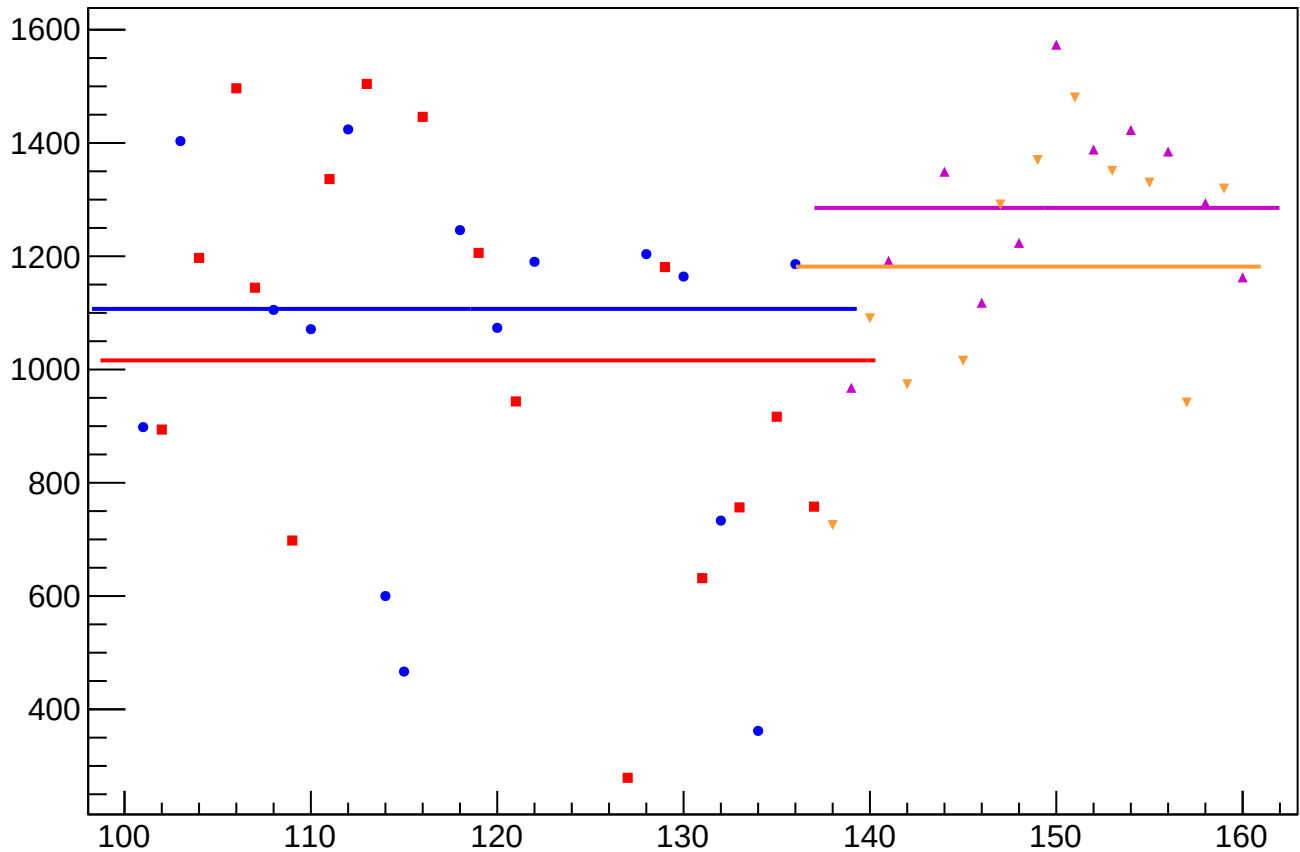
Left In: 420.062+/-0.000 χ^2/NDF : 7706514276709269263404419491802644480.0/10

+ sign 382.754+/-0.000 χ^2/NDF : 279252260301187

All: 390.448+/-0.000 χ^2/NDF : 690046326749

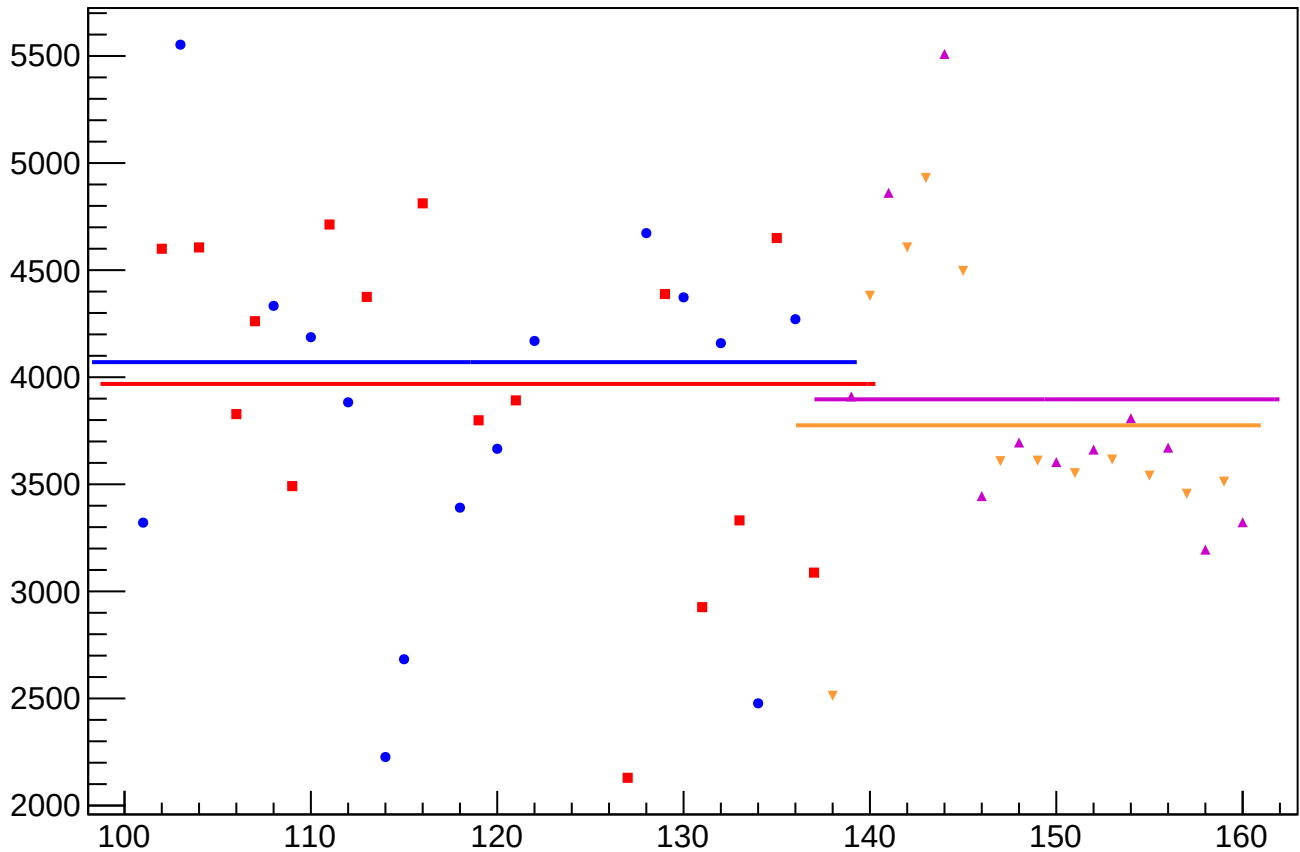
- sign 397.684+/-0.000 χ^2/NDF : 409075450012092

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1181.721 $\pm$ 0.000 χ^2 /NDF: 42102883856321275256821029062509068288.0/10
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

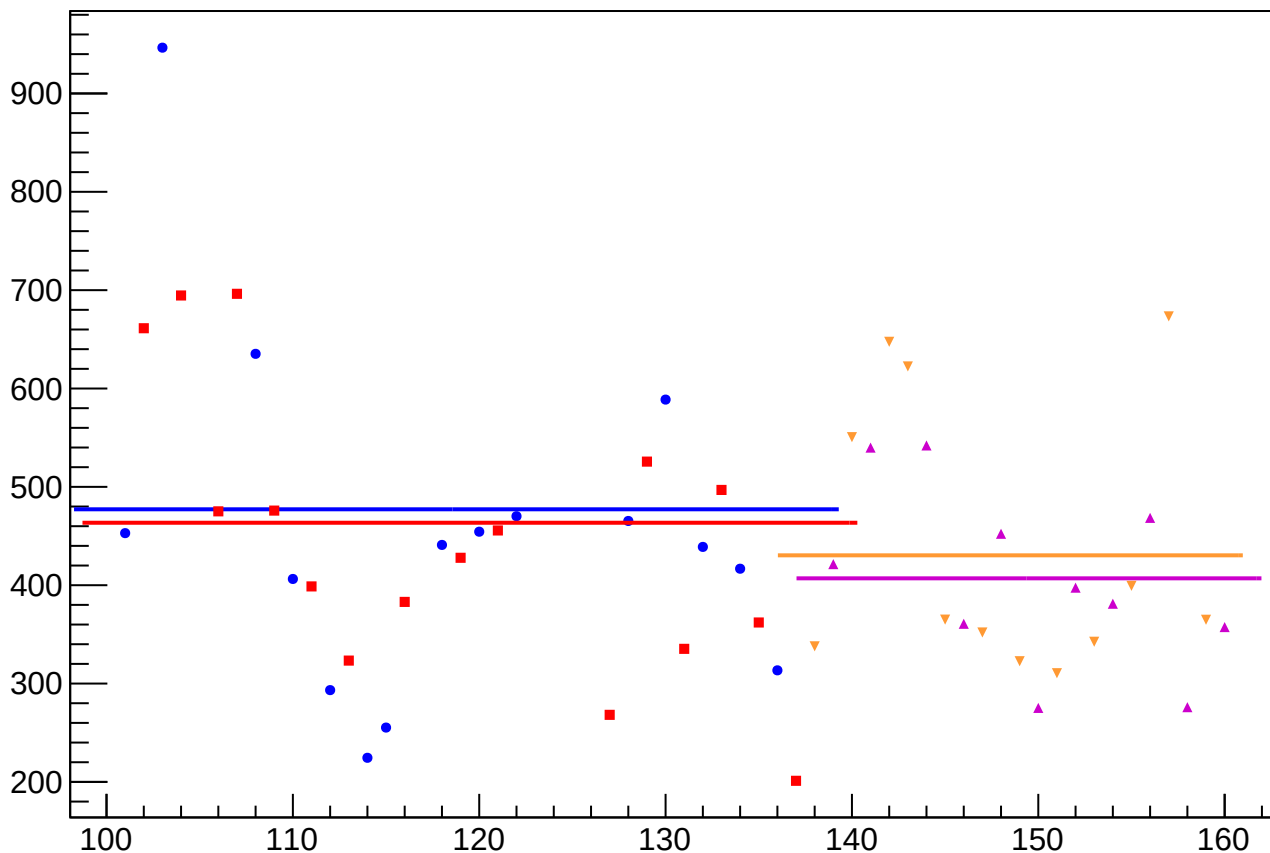
dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 3775.469+/-0.000	χ^2/NDF : 344611737456116155441573311529372090368.0/11
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 3896.757+/-0.000	χ^2/NDF : 412530714584693730225130204014353317888.0/10

+ sign 3897.950+/-0.000 χ^2/NDF : 72091549867108
 All: 3912.568+/-0.000 χ^2/NDF : 14960703302
 - sign 3926.928+/-0.000 χ^2/NDF : 77449278990952

dit_usr_coil4_err_mean vs Slug



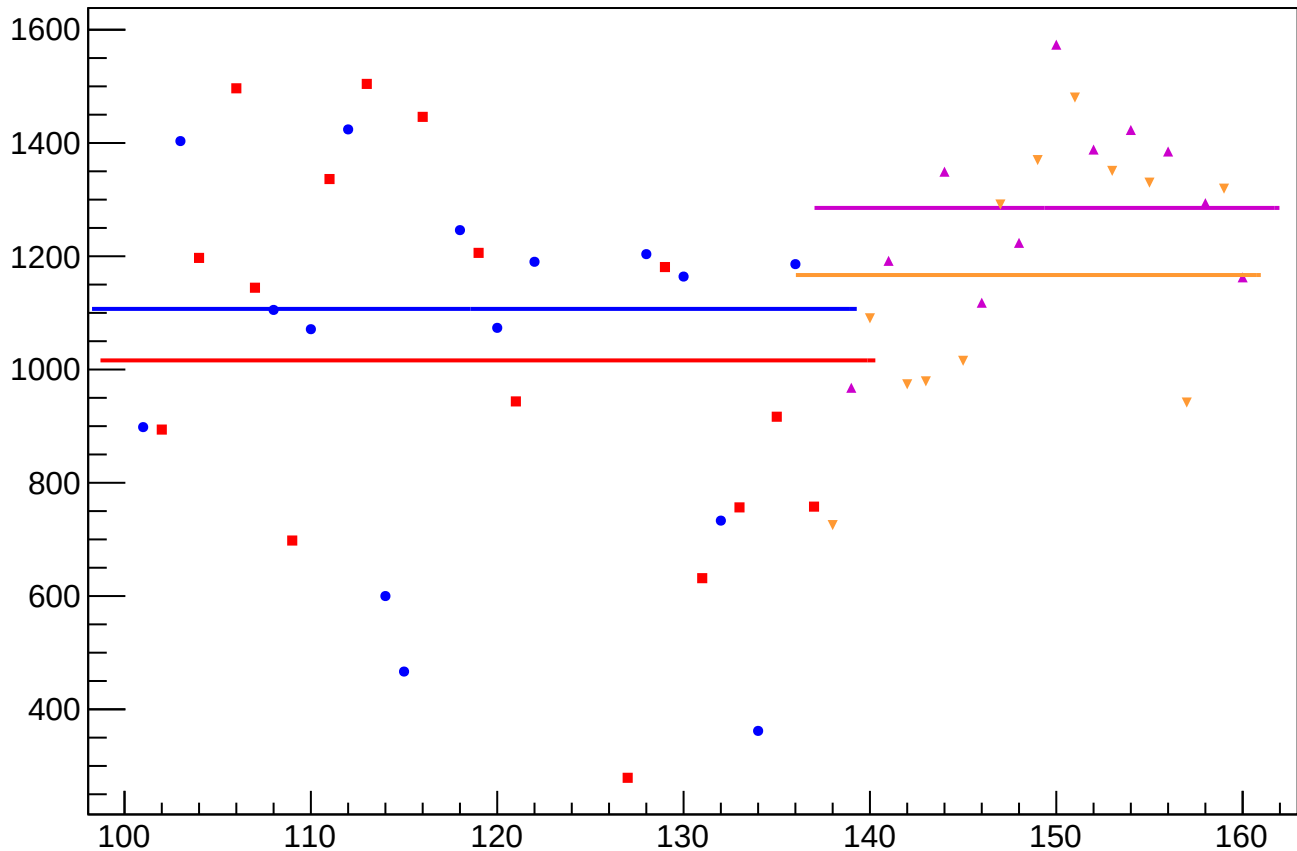
Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 430.385+/-0.000 χ^2/NDF : 15124863187063515916775500602167787520.0/11

Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

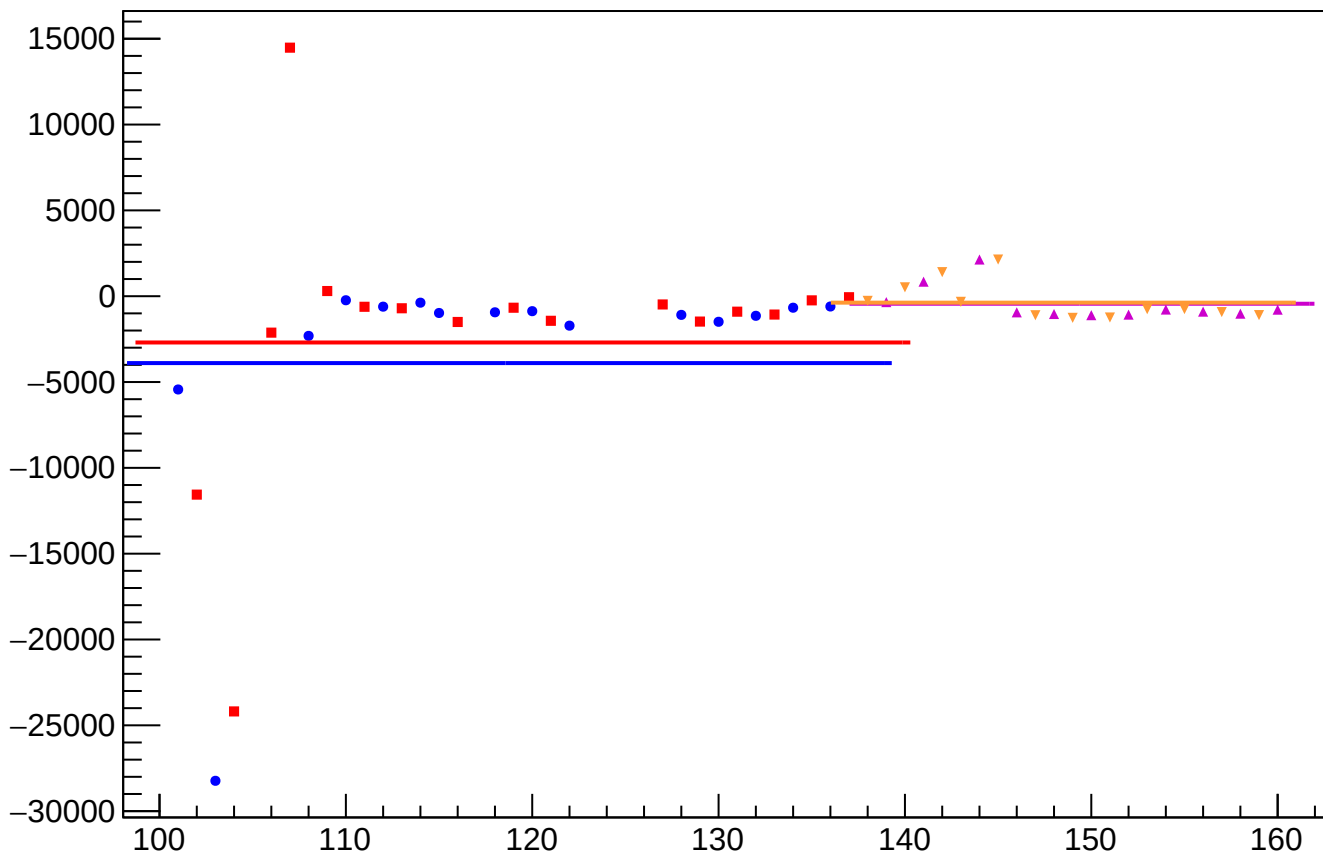
Left In: 406.990+/-0.000 χ^2/NDF : 7014219134688394471330081136711827456.0/10

dit_usr_coil4_Ndata_mean vs Slug



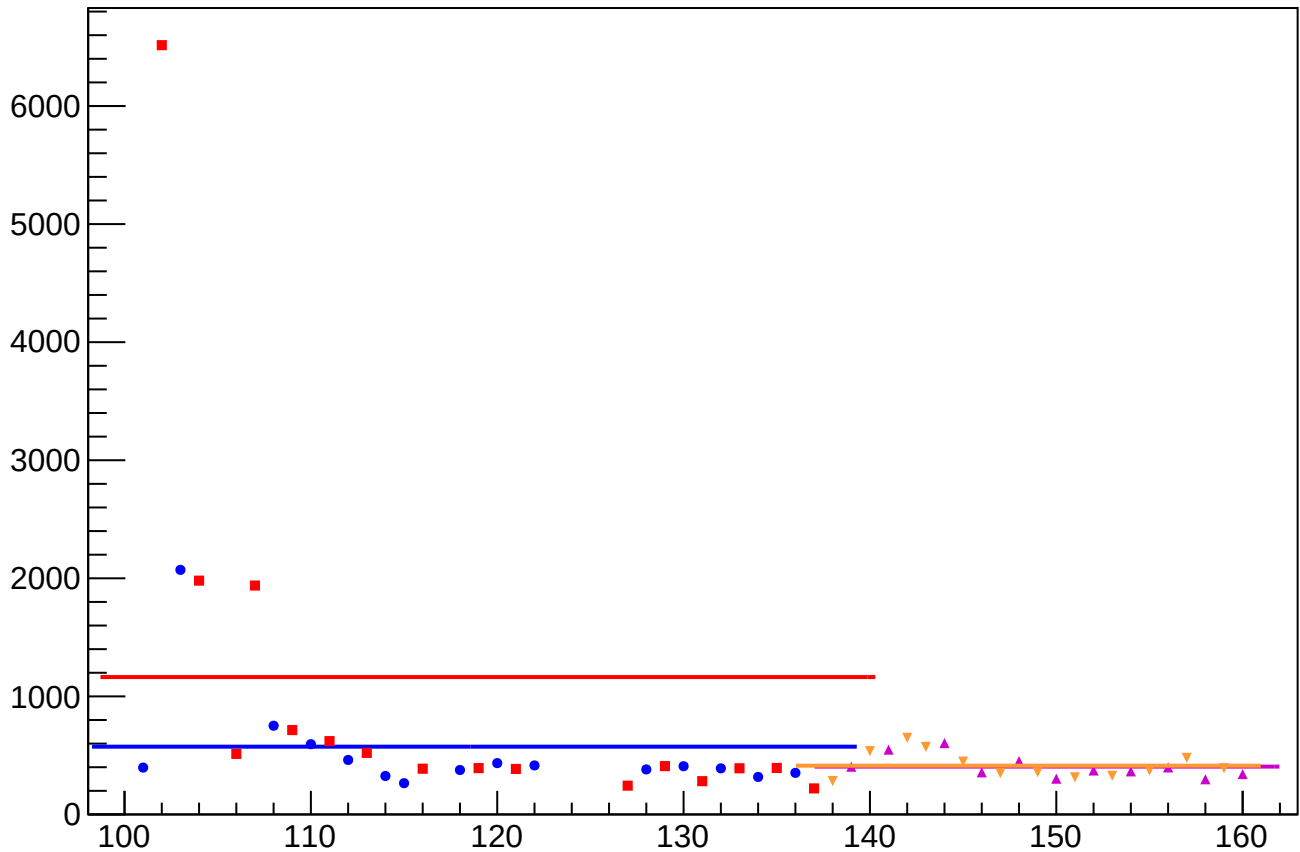
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_atl1_coil4_mean vs Slug



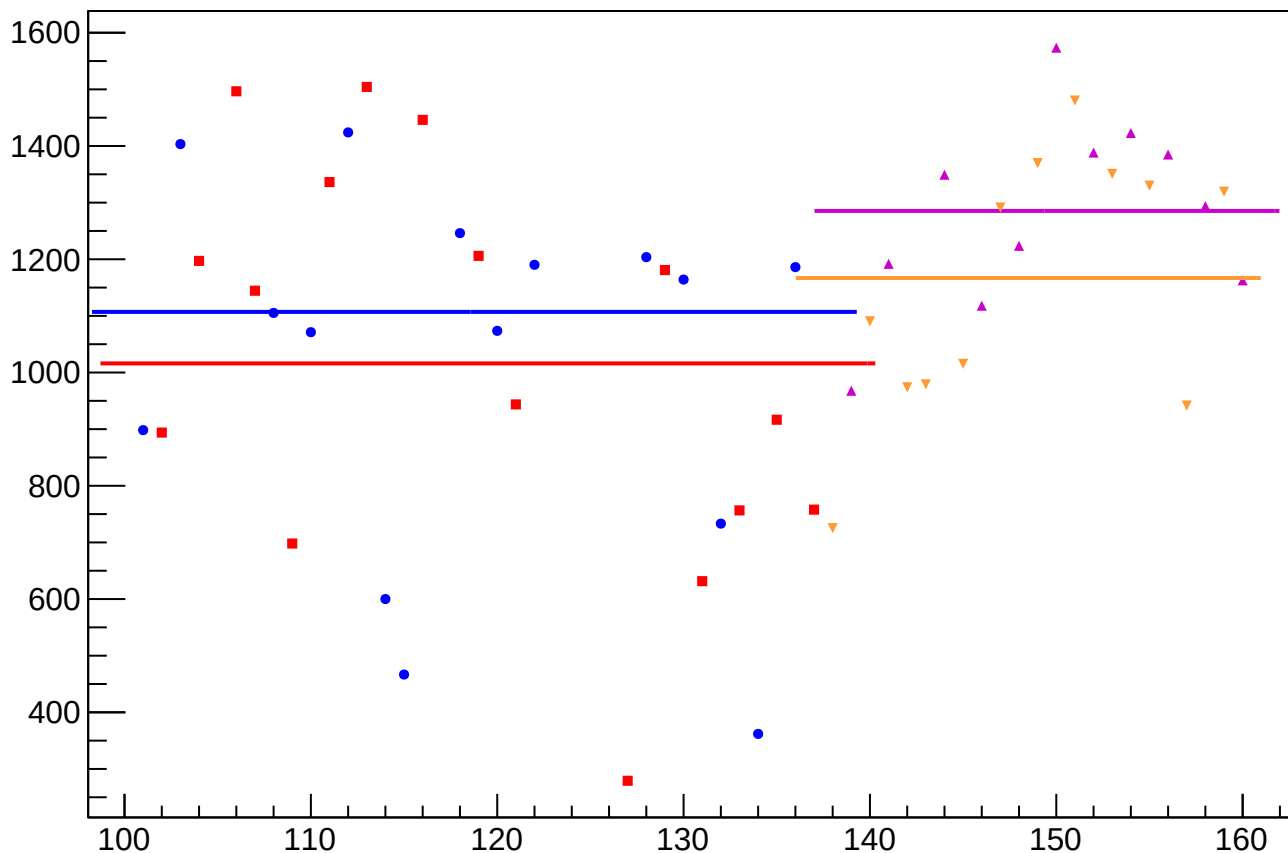
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -375.430+/-0.000 χ^2/NDF : 958630071854954411455962799285737619456.0/11
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -439.289+/-0.000 χ^2/NDF : 921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 413.017+/-0.000 χ^2/NDF : 9379796802385704003508317238748774400.0/11
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 405.371+/-0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

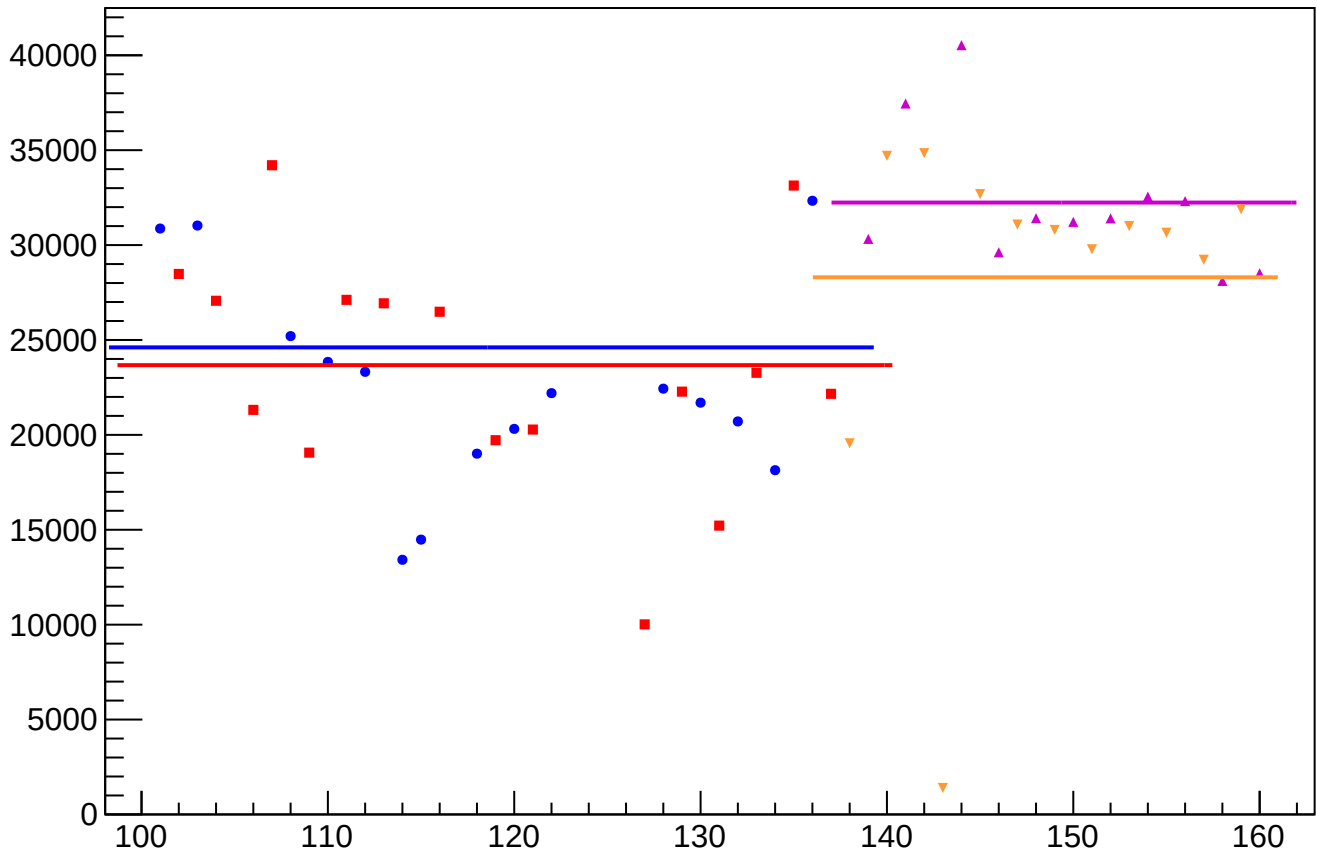
Left Out: 1166.869 $\pm$ 0.000 χ^2 /NDF: 44651845589529754769451964140544327680.0/11

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

Left In: 1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10

All: 1157.392 $\pm$ 0.000 χ^2 /NDF: 21202911442

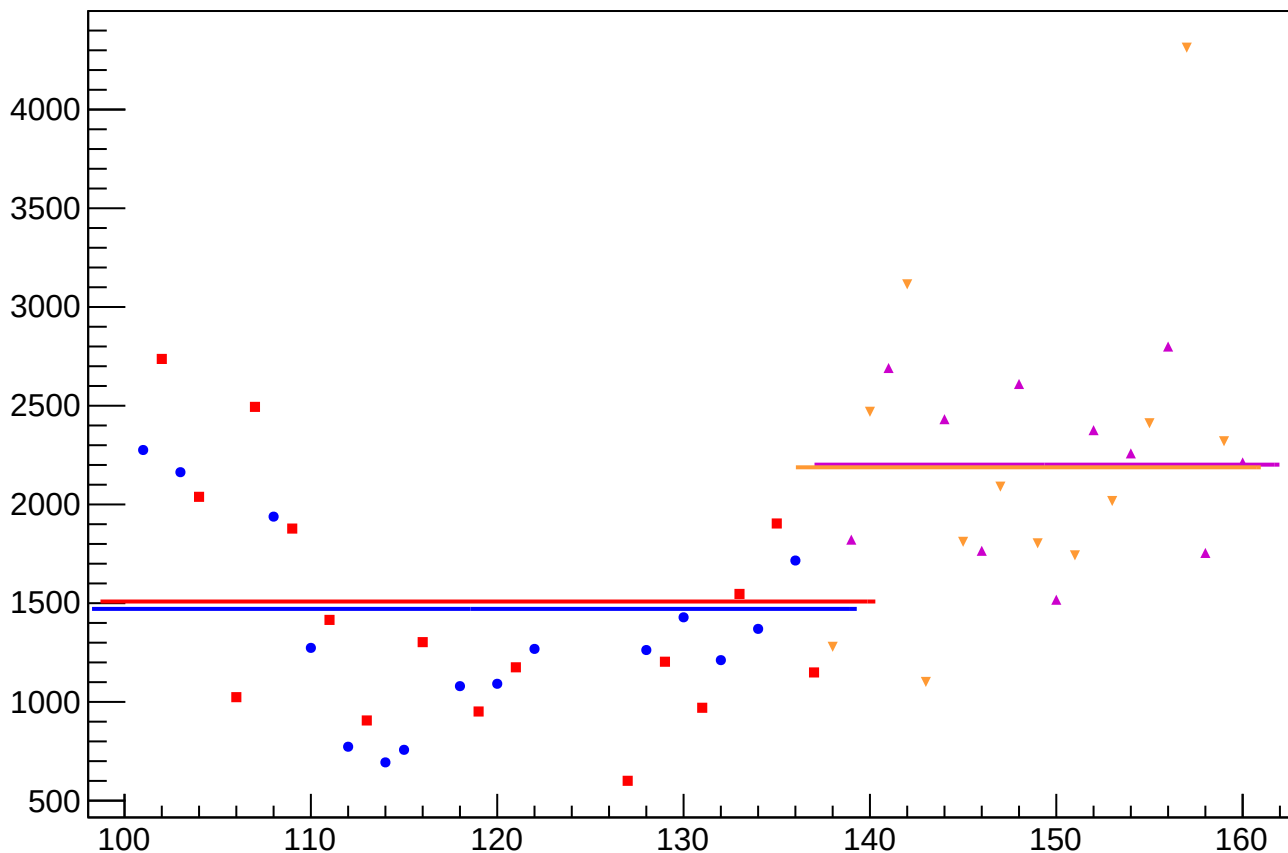
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 28302.359+/-0.000	χ^2/NDF : 64743960576526073147852789326823934656512.0/11
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 32239.303+/-0.000	χ^2/NDF : 11931397875663177142812829998803541032960.0/10

+ sign 26768.677+/-0.000 χ^2/NDF : 8747719496851
 All: 27716.891+/-0.000 χ^2/NDF : 1554384105
 - sign 28648.418+/-0.000 χ^2/NDF : 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF : 593858516090535186702207521640824176640.0/11

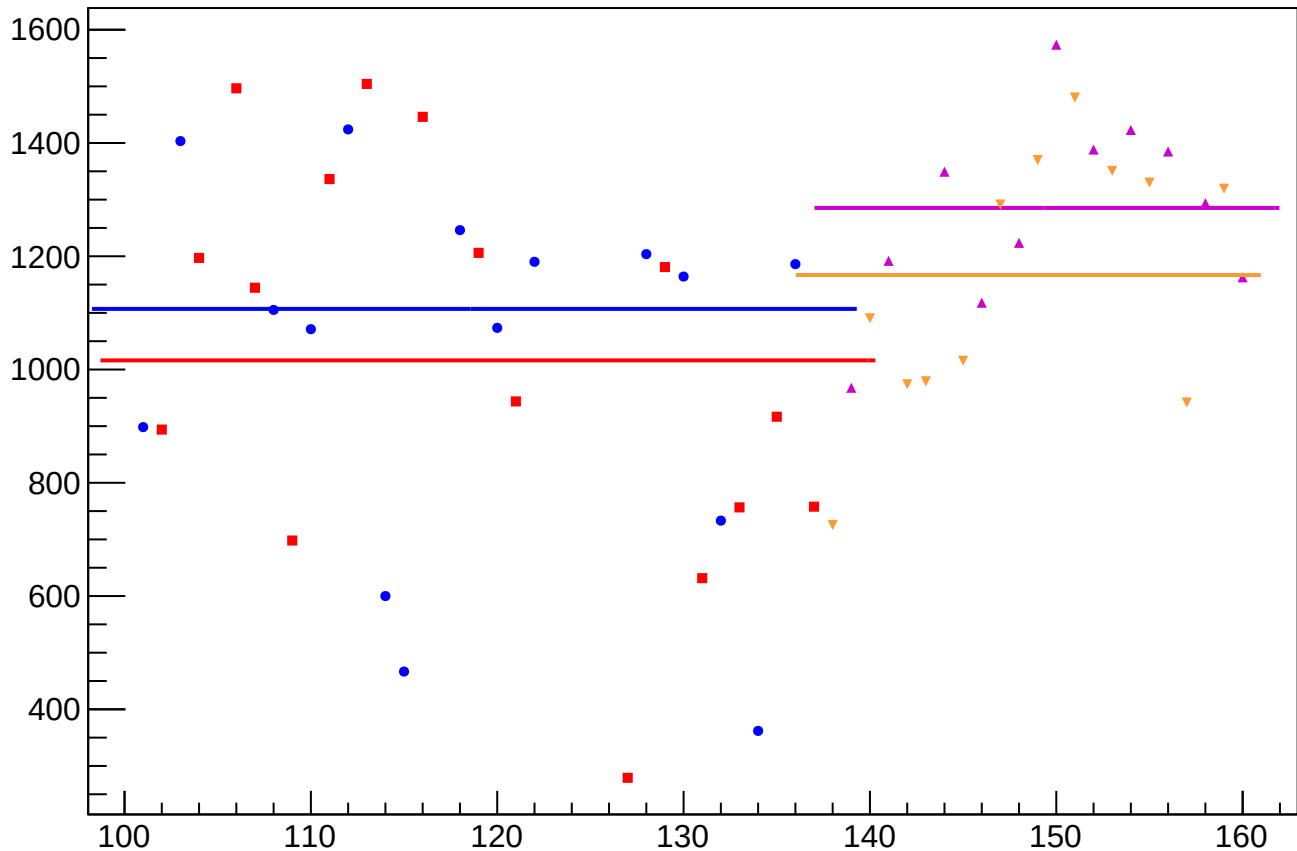
Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10

All: 1900.786+/-0.000 χ^2/NDF : 15216070453

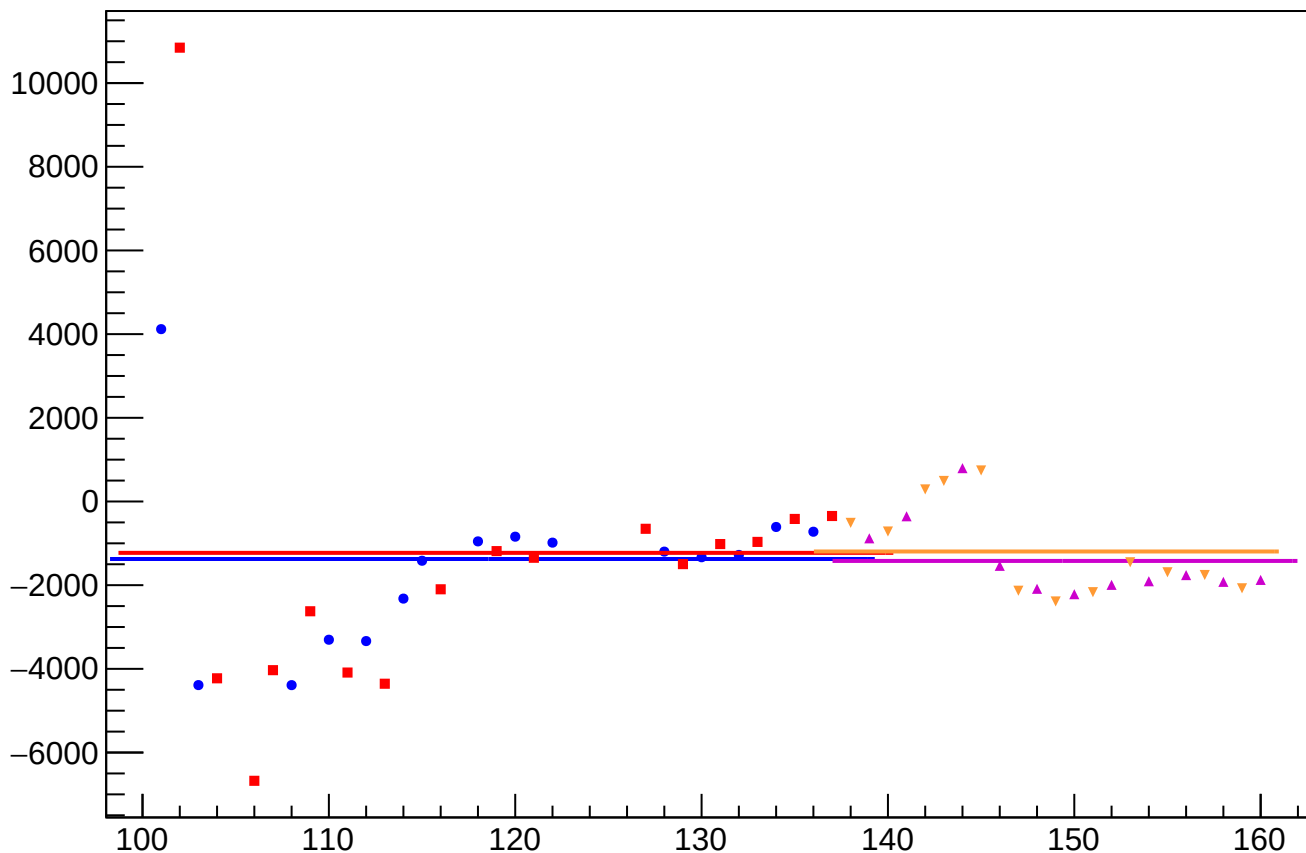
- sign 1910.992+/-0.000 χ^2/NDF : 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

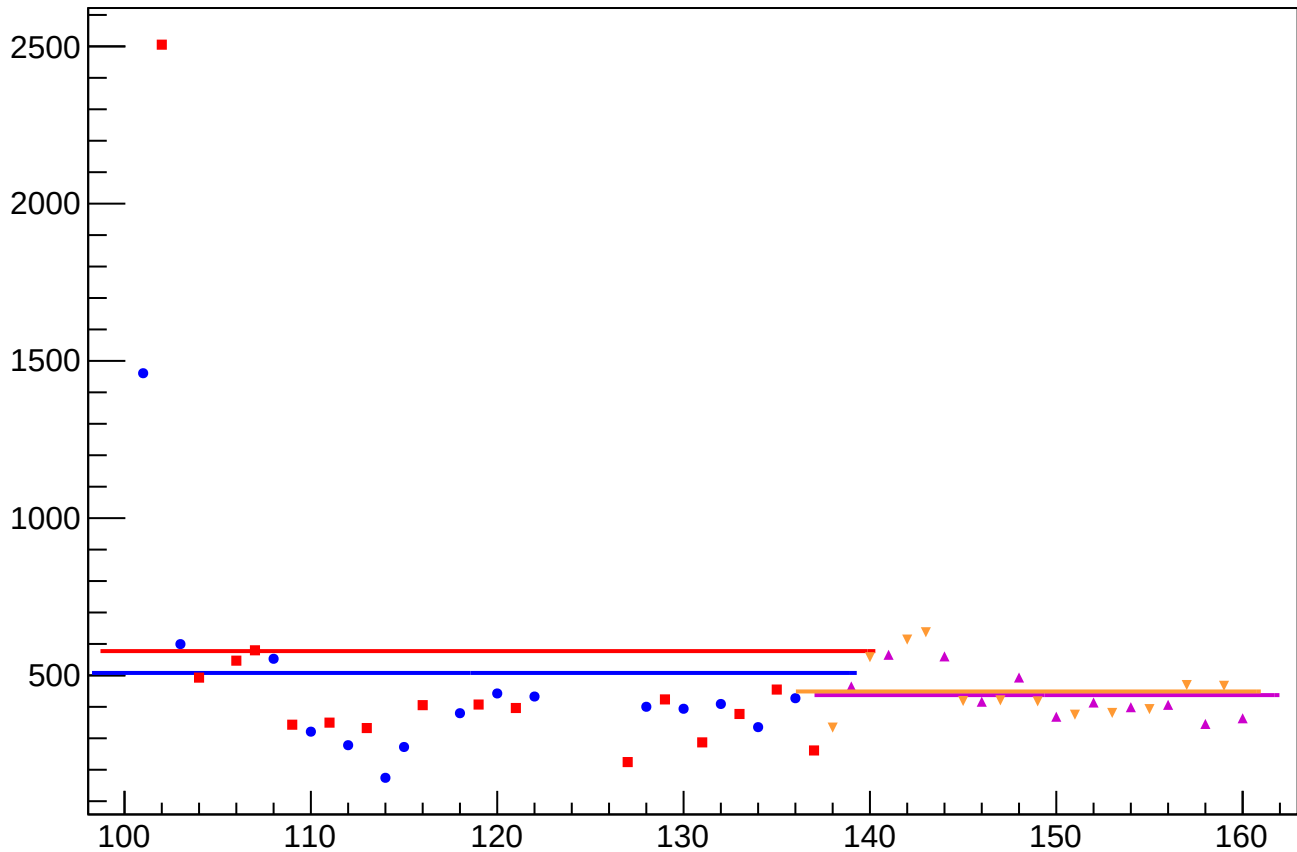
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1194.978+/-0.000	χ^2/NDF : 1012982164343735644721296583058593415168.0/11
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1420.806+/-0.000	χ^2/NDF : 747987085785920162637916932217361137664.0/10

+ sign -1269.525+/-0.000 χ^2/NDF : 4097990392534
 All: -1305.037+/-0.000 χ^2/NDF : 1597961645
 - sign -1339.925+/-0.000 χ^2/NDF : 11877718404583

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 448.905+/-0.000 χ^2/NDF : 6972444969041725929744111494148128768.0/11

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

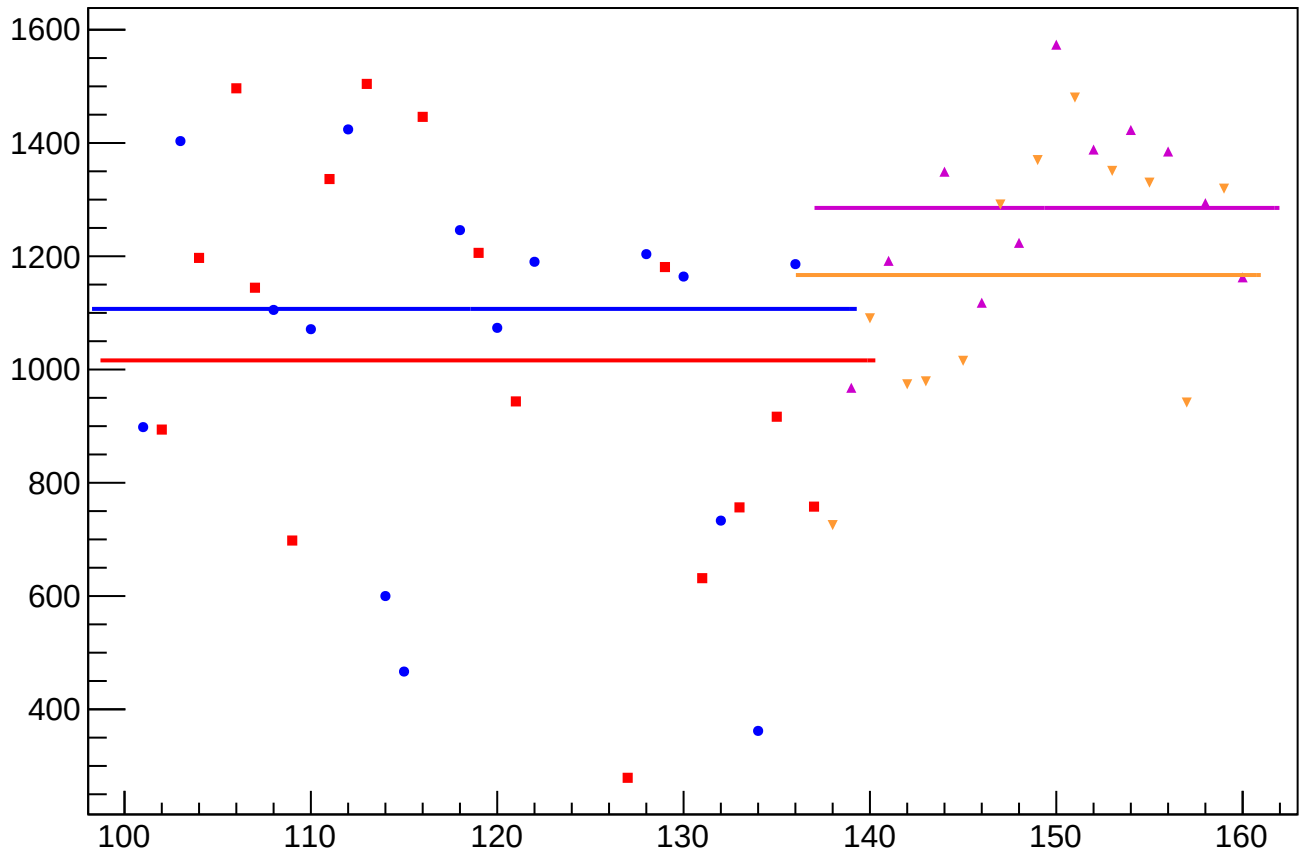
Left In: 437.315+/-0.000 χ^2/NDF : 4874677524968742275560761293986070528.0/10

+ sign 473.363+/-0.000 χ^2/NDF : 724292062329366

All: 484.772+/-0.000 χ^2/NDF : 326581423527

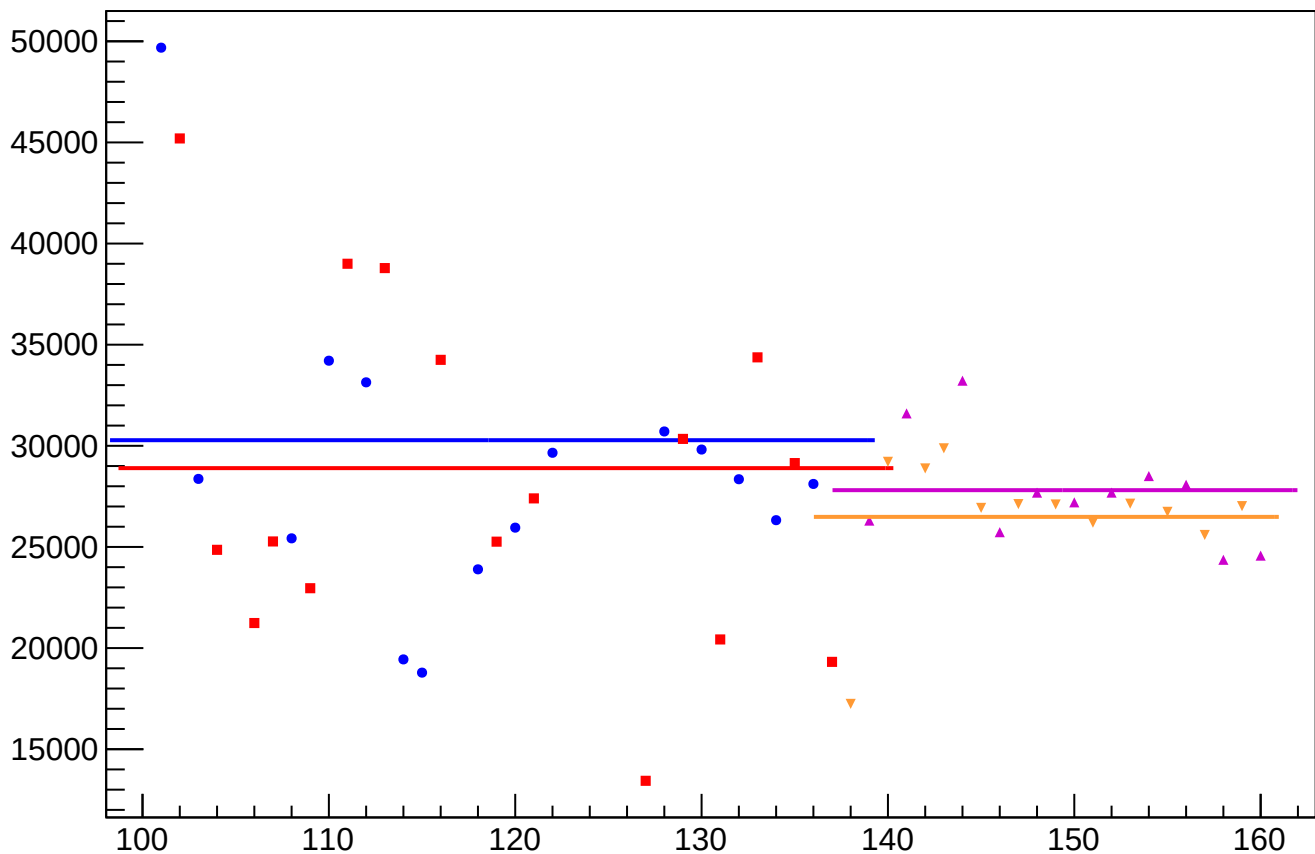
- sign 495.981+/-0.000 χ^2/NDF : 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

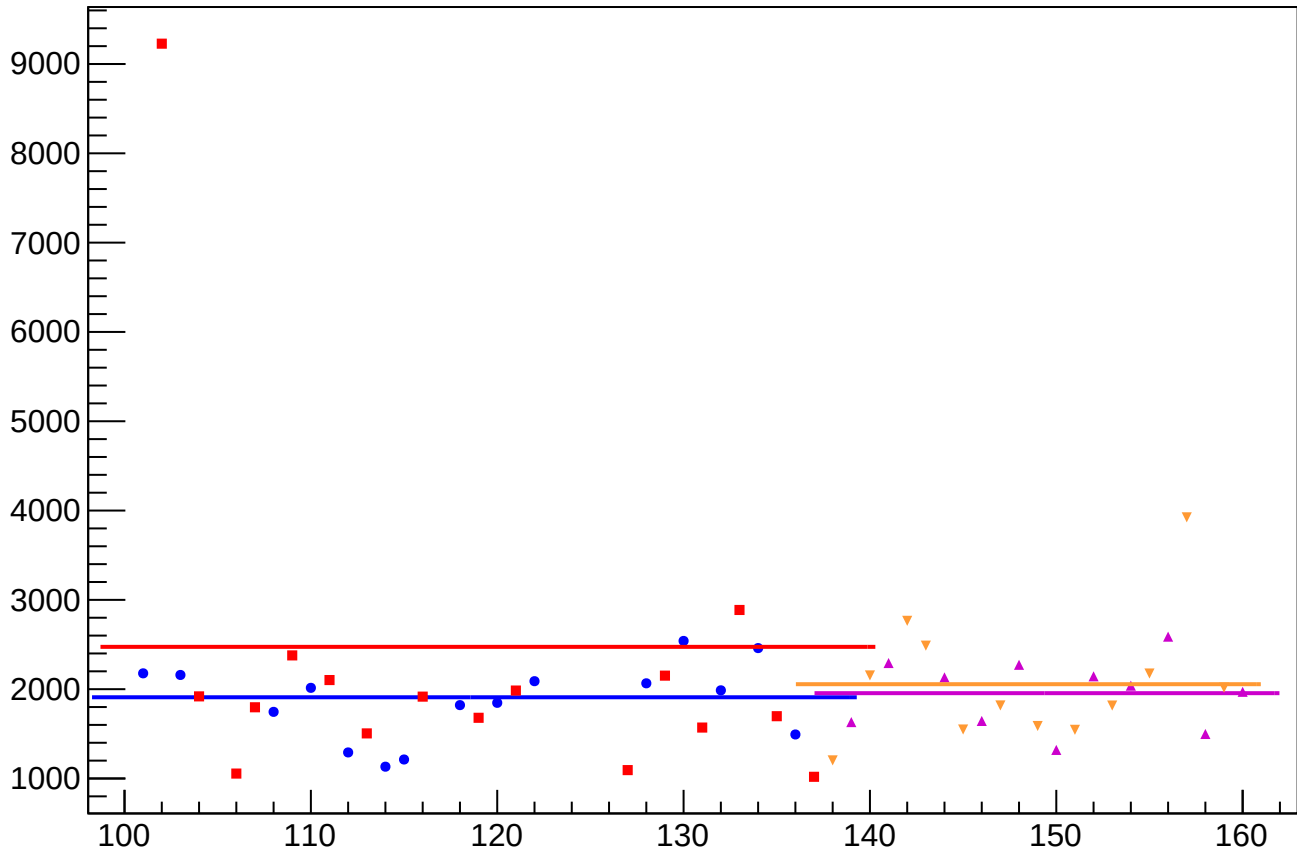
dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 26486.725+/-0.000	χ^2/NDF : 8520993483340987429131750717035884052480.0/11
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 27807.237+/-0.000	χ^2/NDF : 6193058620219899678835139815803642183680.0/10

+ sign 28060.820+/-0.000 χ^2/NDF : 4495105358177
 All: 28163.219+/-0.000 χ^2/NDF : 986055664
 - sign 28263.816+/-0.000 χ^2/NDF : 5362202344062

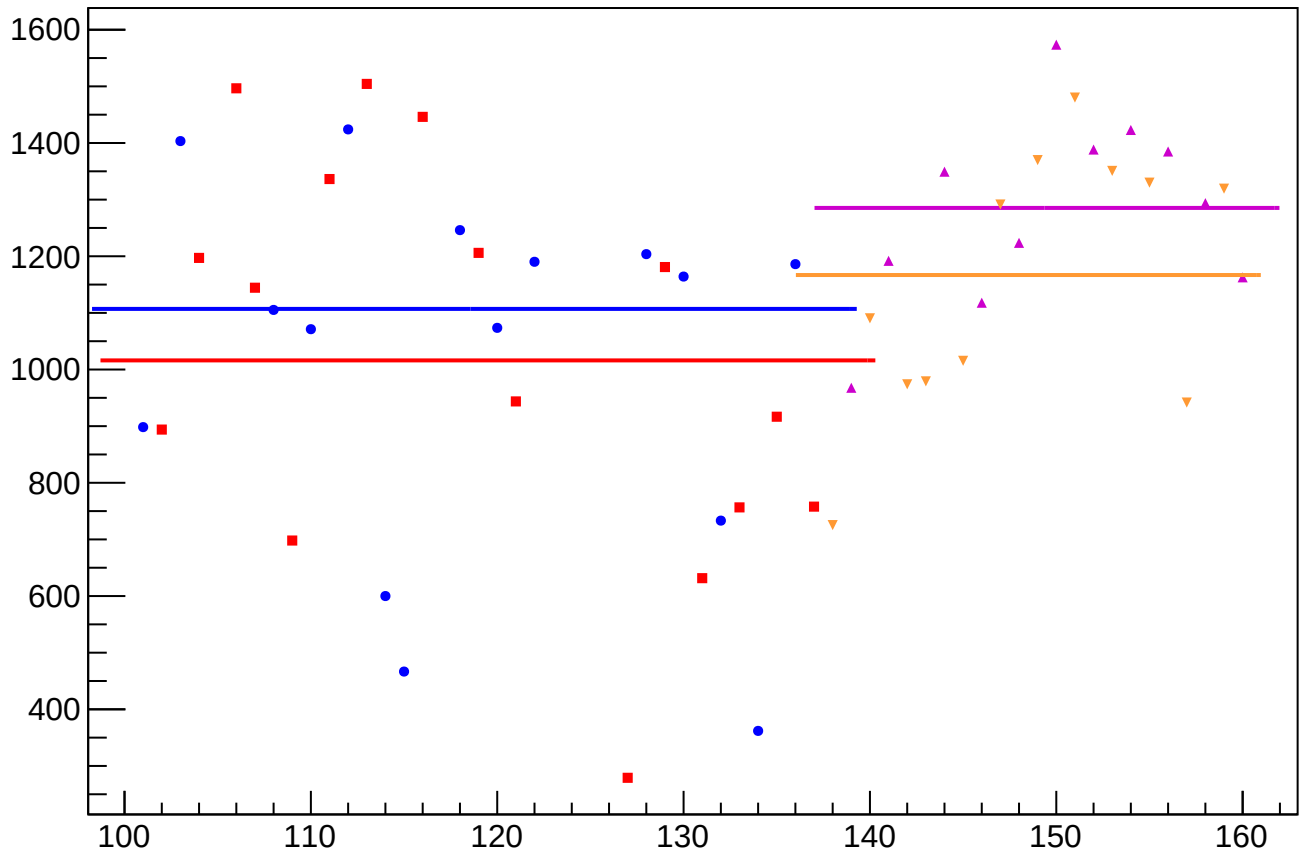
dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 2055.788+/-0.000	χ^2/NDF : 438010168588723075505721290768963862528.0/11
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1955.312+/-0.000	χ^2/NDF : 126909052383838166035294082177347616768.0/10

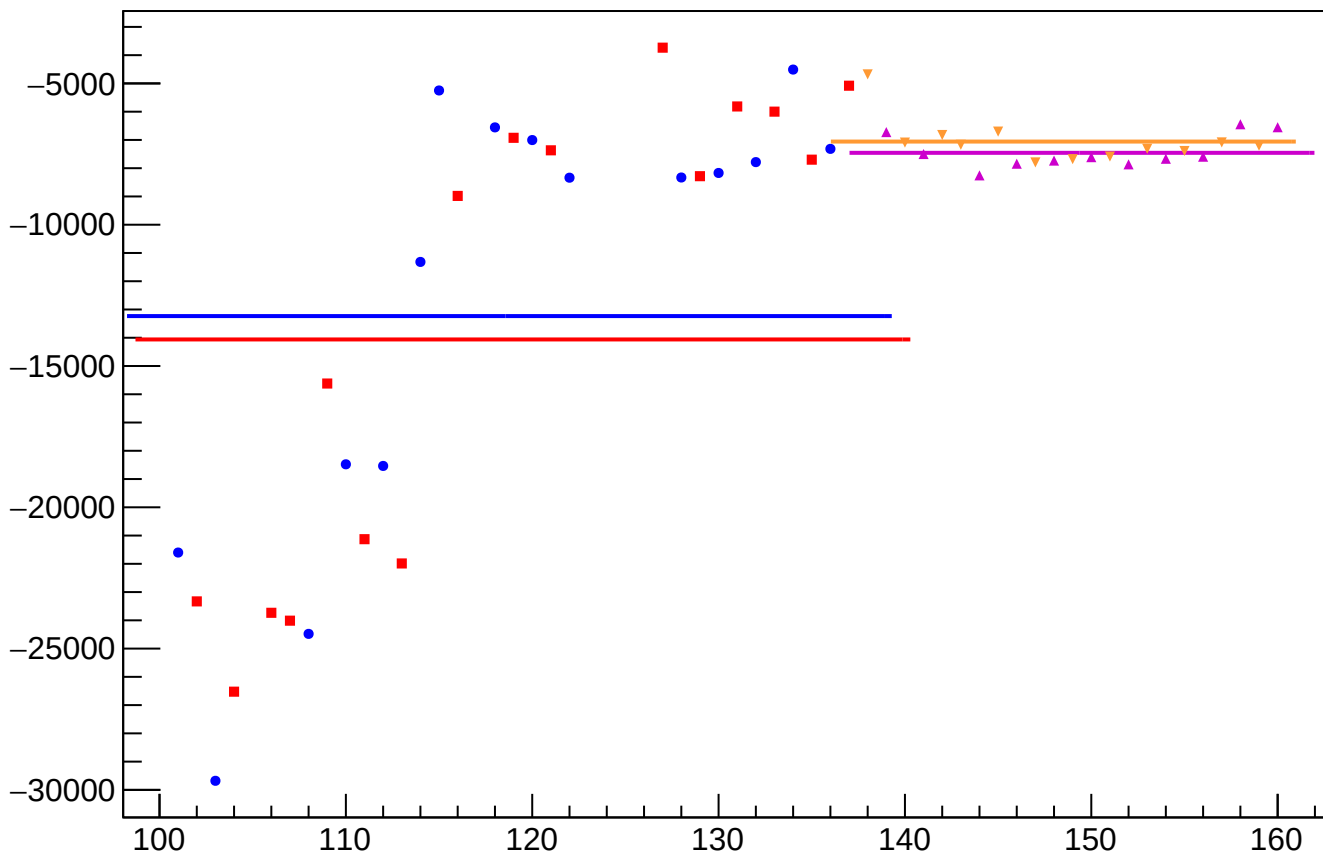
+ sign 1995.018+/-0.000 χ^2/NDF : 53377625694473
 All: 2084.675+/-0.000 χ^2/NDF : 38237081973
 - sign 2172.754+/-0.000 χ^2/NDF : 32650251724153

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -9621.893+/-0.000 χ^2/NDF : 5629932940229

Left Out: -7057.509+/-0.000 χ^2/NDF : 567022768290026836186795118569021505536.0/11

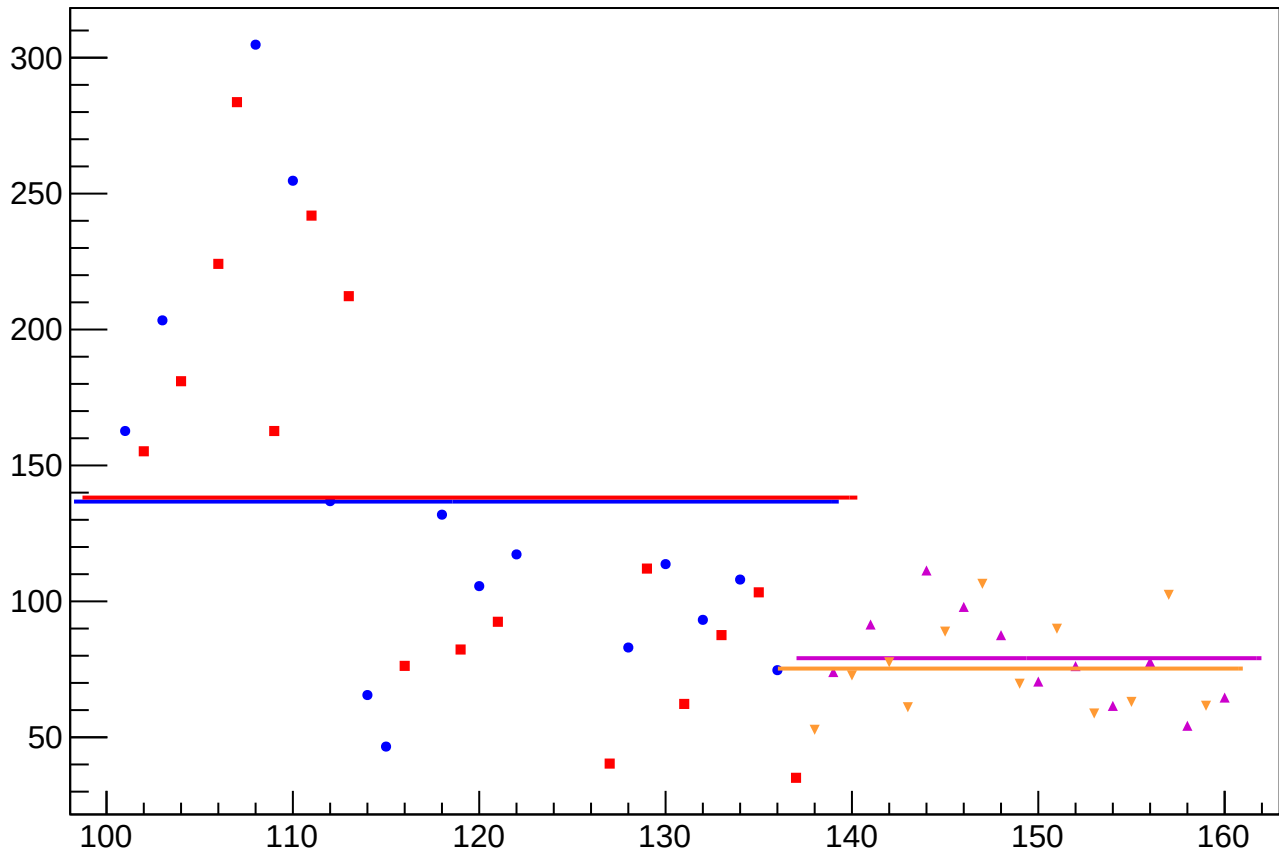
All: -9925.988+/-0.000 χ^2/NDF : 1182552632

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -10224.731+/-0.000 χ^2/NDF : 6166940420799

Left In: -7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

+ sign 100.788 $\pm$ 0.000 χ^2 /NDF: 439084065337808

Left Out: 75.280 $\pm$ 0.000 χ^2 /NDF: 271565230291715258223184233837363200.0/11

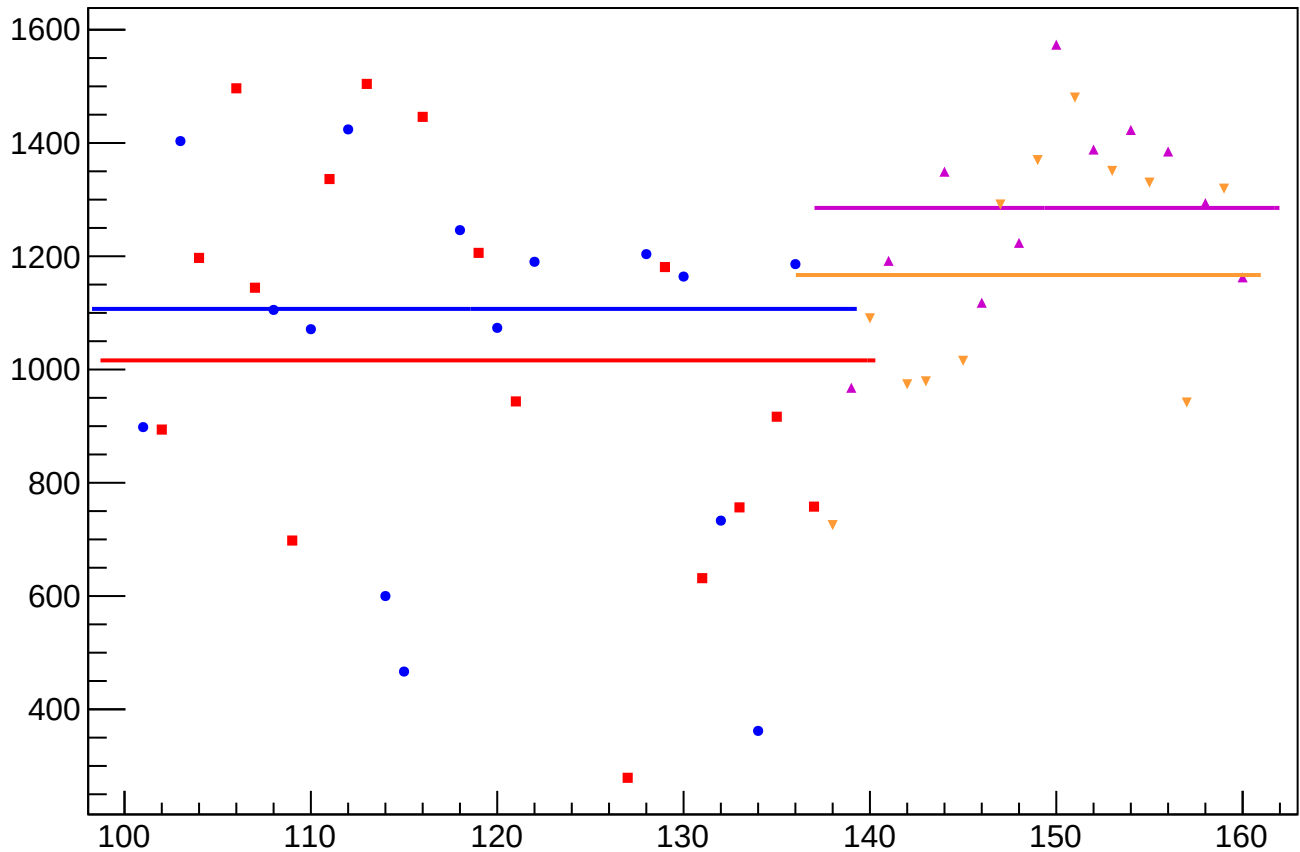
All: 102.340 $\pm$ 0.000 χ^2 /NDF: 92254045368

Right Out: 138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

- sign 103.866 $\pm$ 0.000 χ^2 /NDF: 482709269231347

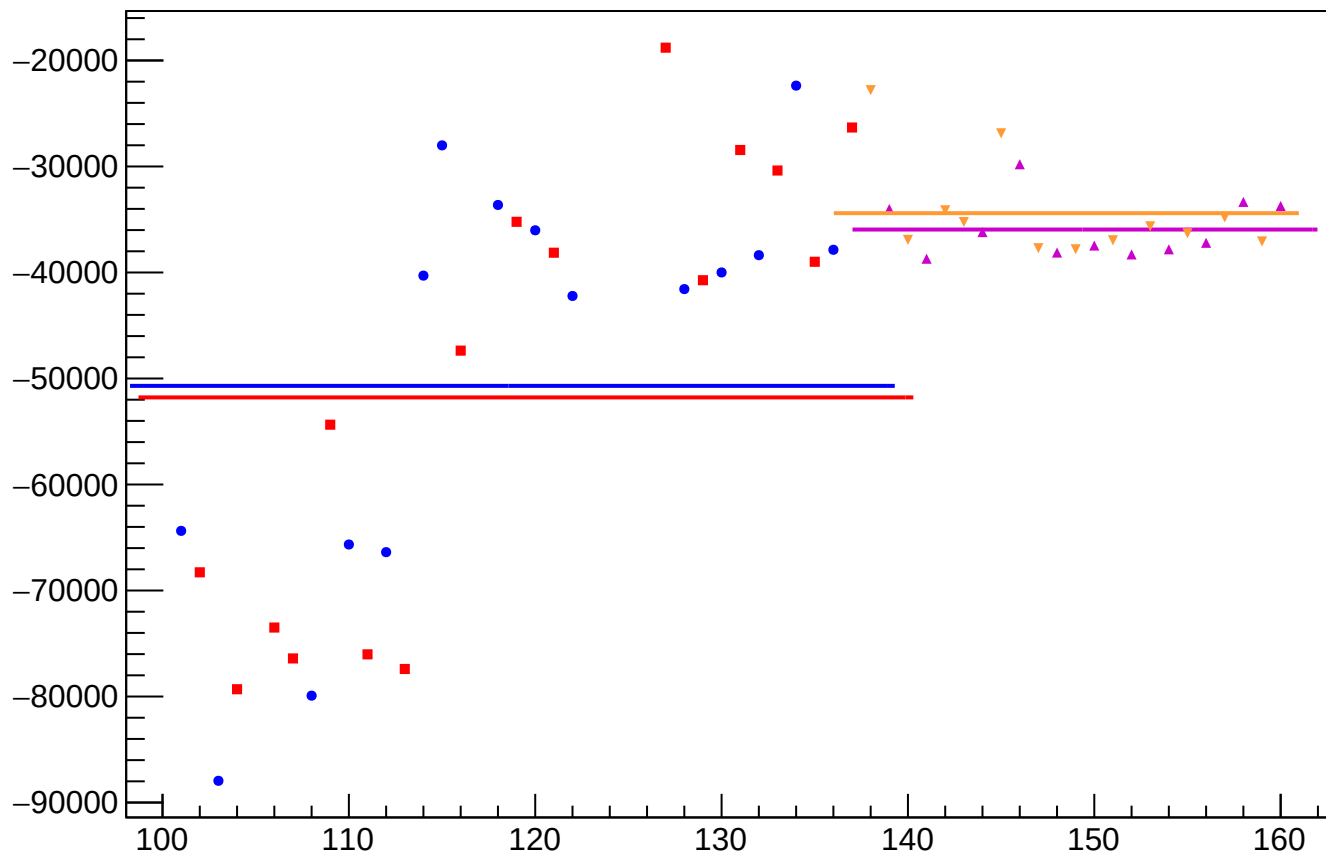
Left In: 79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10

dit_sam1_coil4_Ndata_mean vs Slug



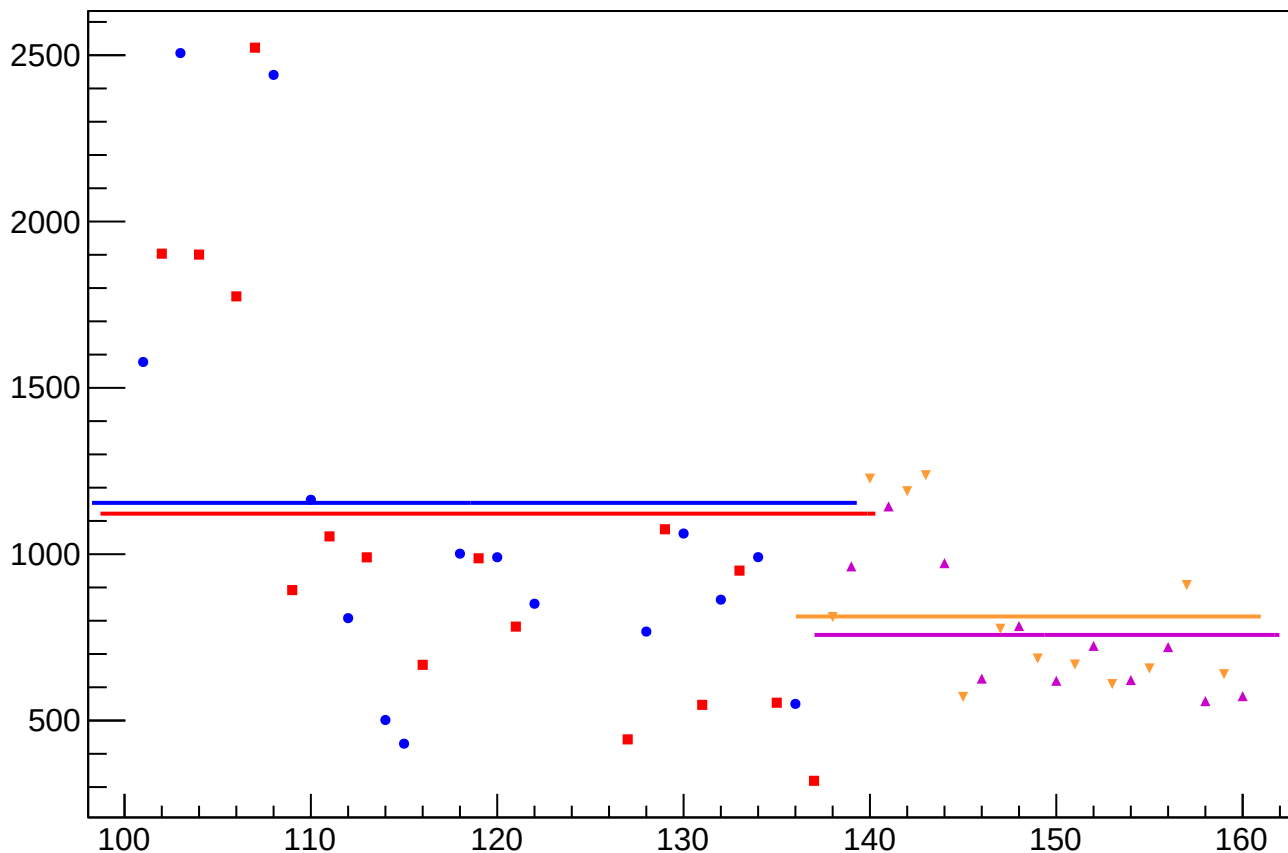
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -34404.656+/-0.000 χ^2/NDF : 18820007226442898256054839449855820038144.0/11
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -35949.660+/-0.000 χ^2/NDF : 6535777806152232441815832130596699635712.0/10

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 812.768+/-0.000 χ^2/NDF : 48869150953187834312923483015749828608.0/11

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

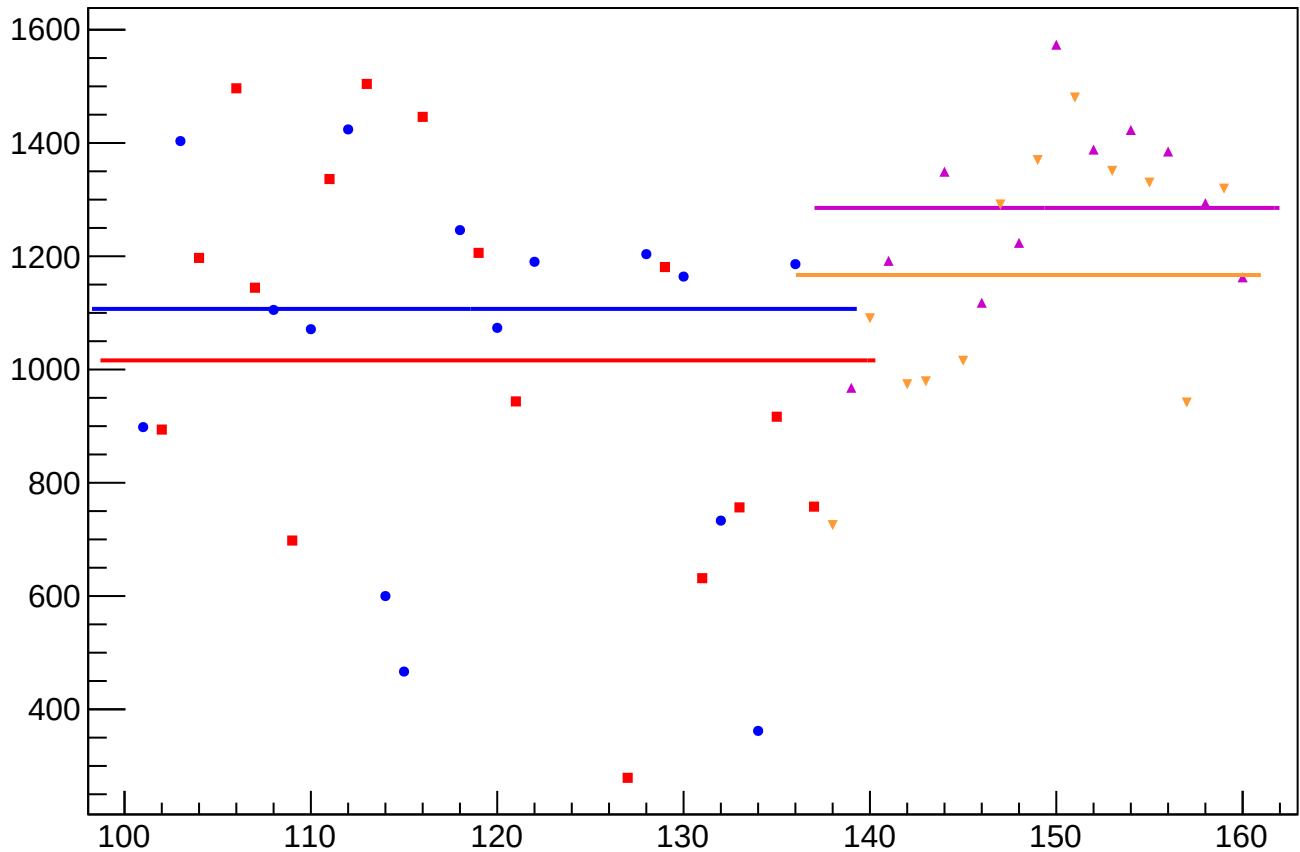
Left In: 757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10

+ sign 954.594+/-0.000 χ^2/NDF : 342415954696427

All: 932.198+/-0.000 χ^2/NDF : 65265633909

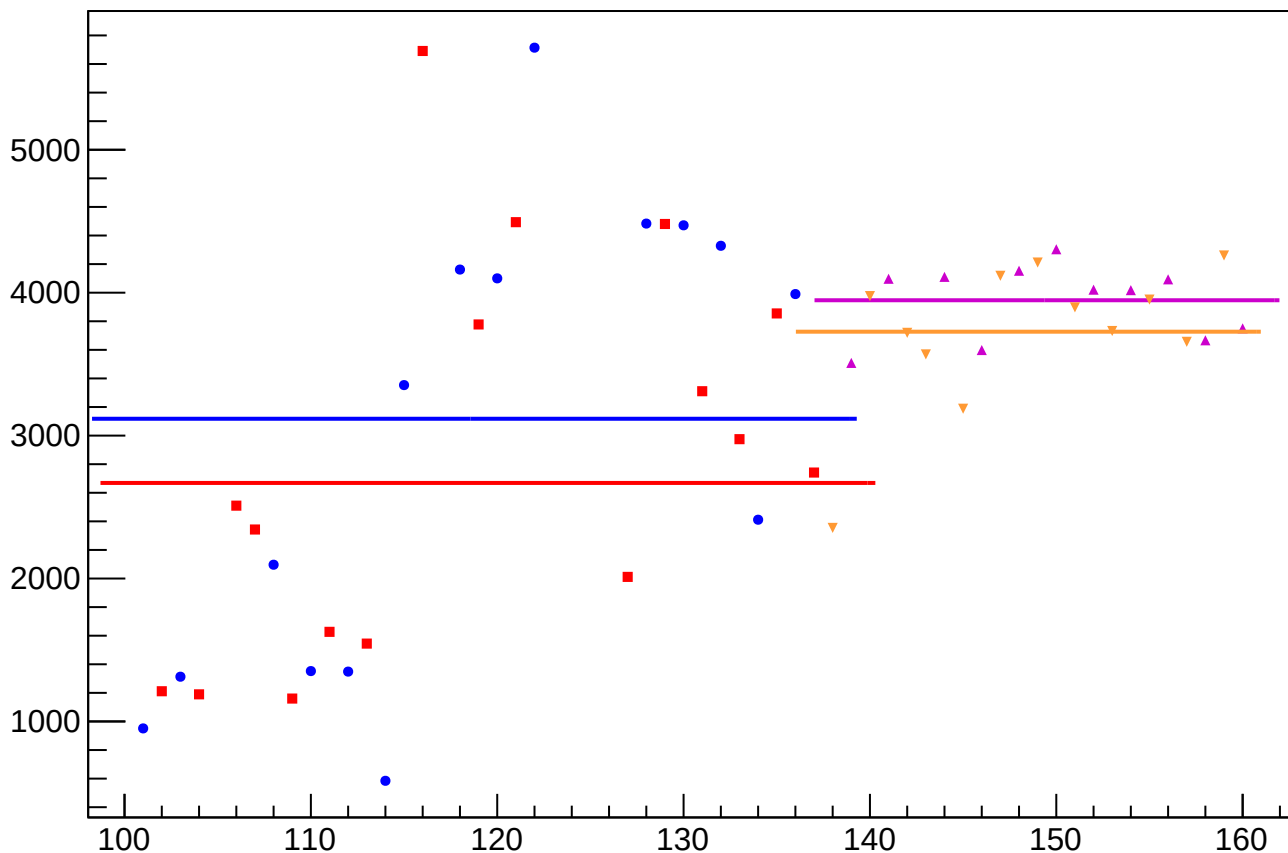
- sign 910.195+/-0.000 χ^2/NDF : 308686161162215

dit_sam2_coil4_Ndata_mean vs Slug



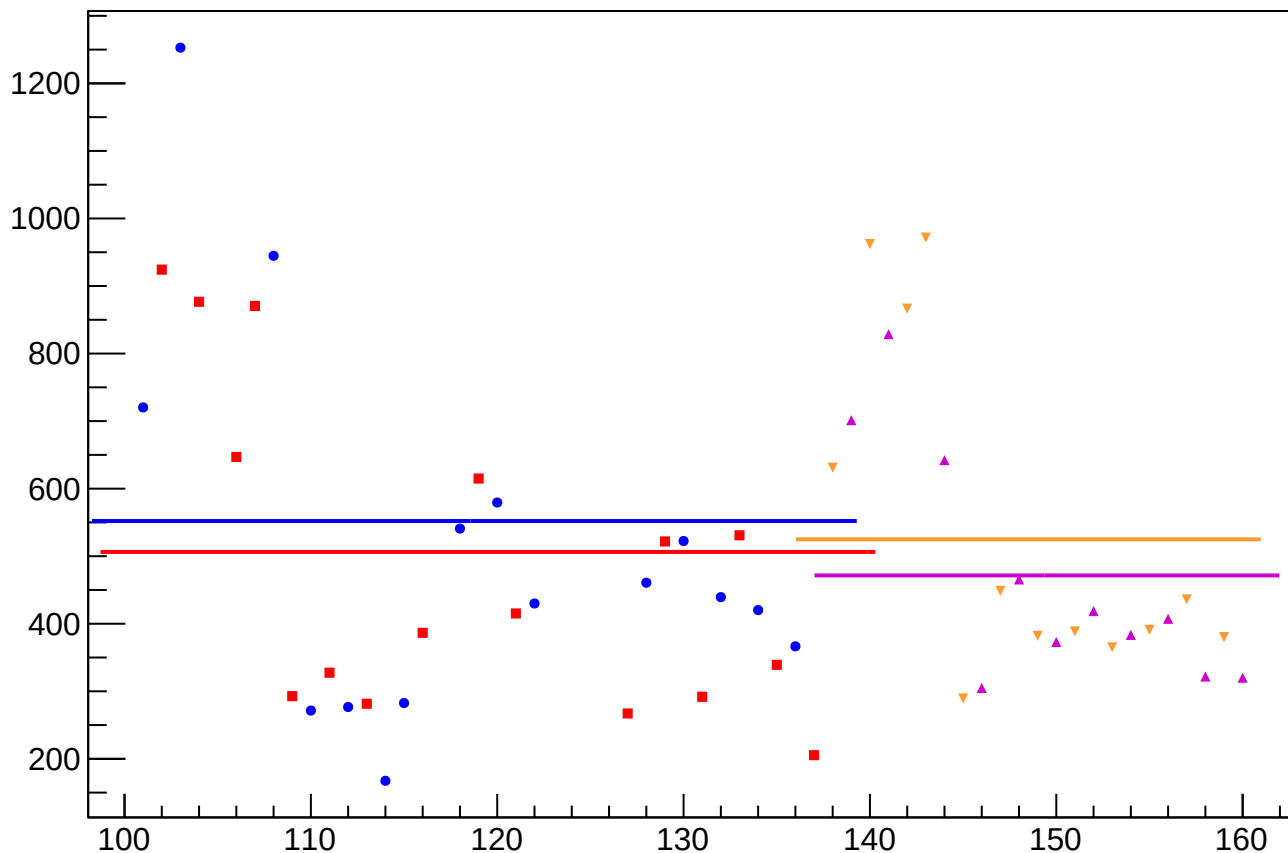
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000	χ^2/NDF : 1552738593335565674554918493159210090496.0/14	+ sign 3474.146+/-0.000	χ^2/NDF : 19310560227592
Left Out: 3727.095+/-0.000	χ^2/NDF : 237477678561542860292825834329185714176.0/11	All: 3442.374+/-0.000	χ^2/NDF : 37604904568
Right Out: 2668.794+/-0.000	χ^2/NDF : 1136406286131098596000054422131257114624.0/15	- sign 3411.160+/-0.000	χ^2/NDF : 18263065086829
Left In: 3947.046+/-0.000	χ^2/NDF : 56963661018859057070812095134472077312.0/10		

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

+ sign 536.247+/-0.000 χ^2/NDF : 100138864573436

Left Out: 524.984+/-0.000 χ^2/NDF : 49120612413638370088062361036096798720.0/11

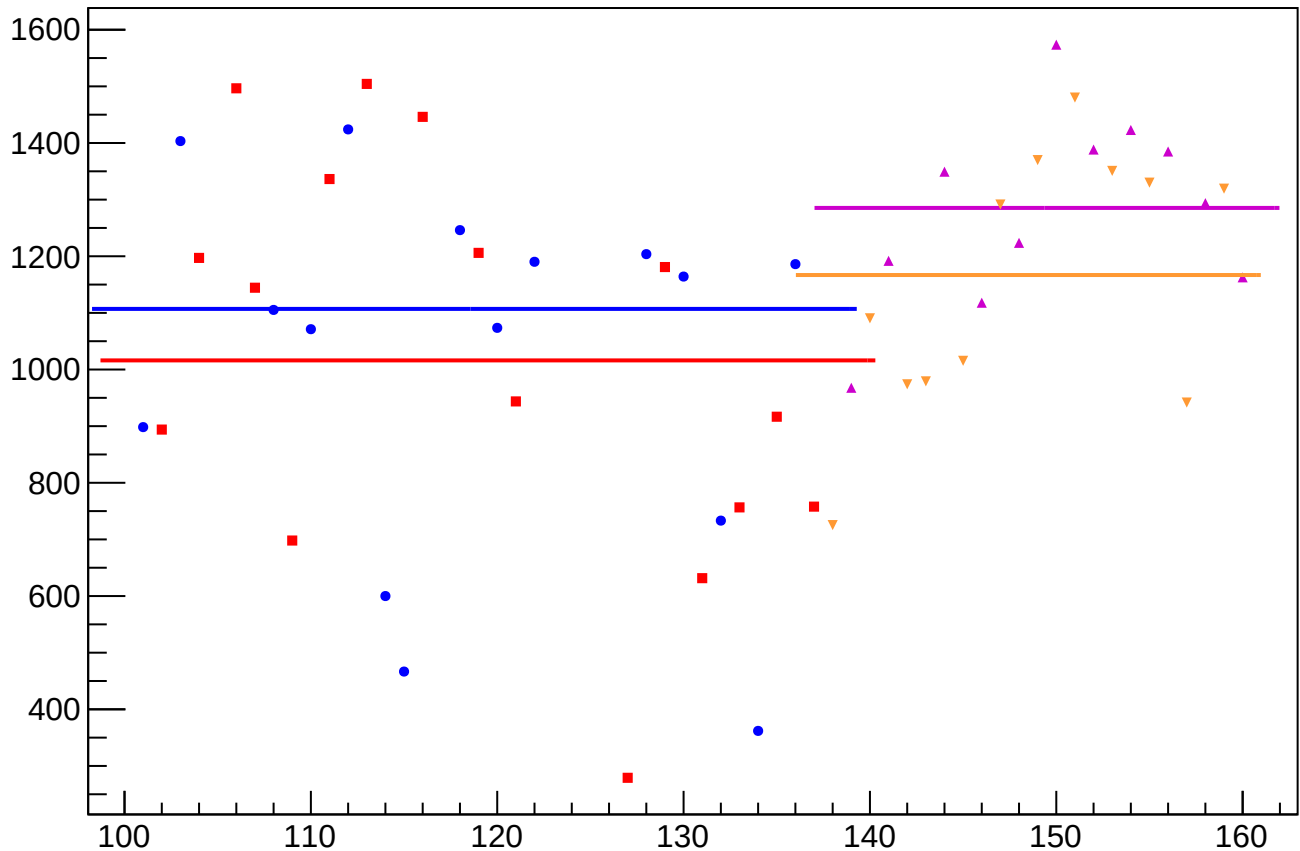
All: 510.967+/-0.000 χ^2/NDF : 165450893043

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

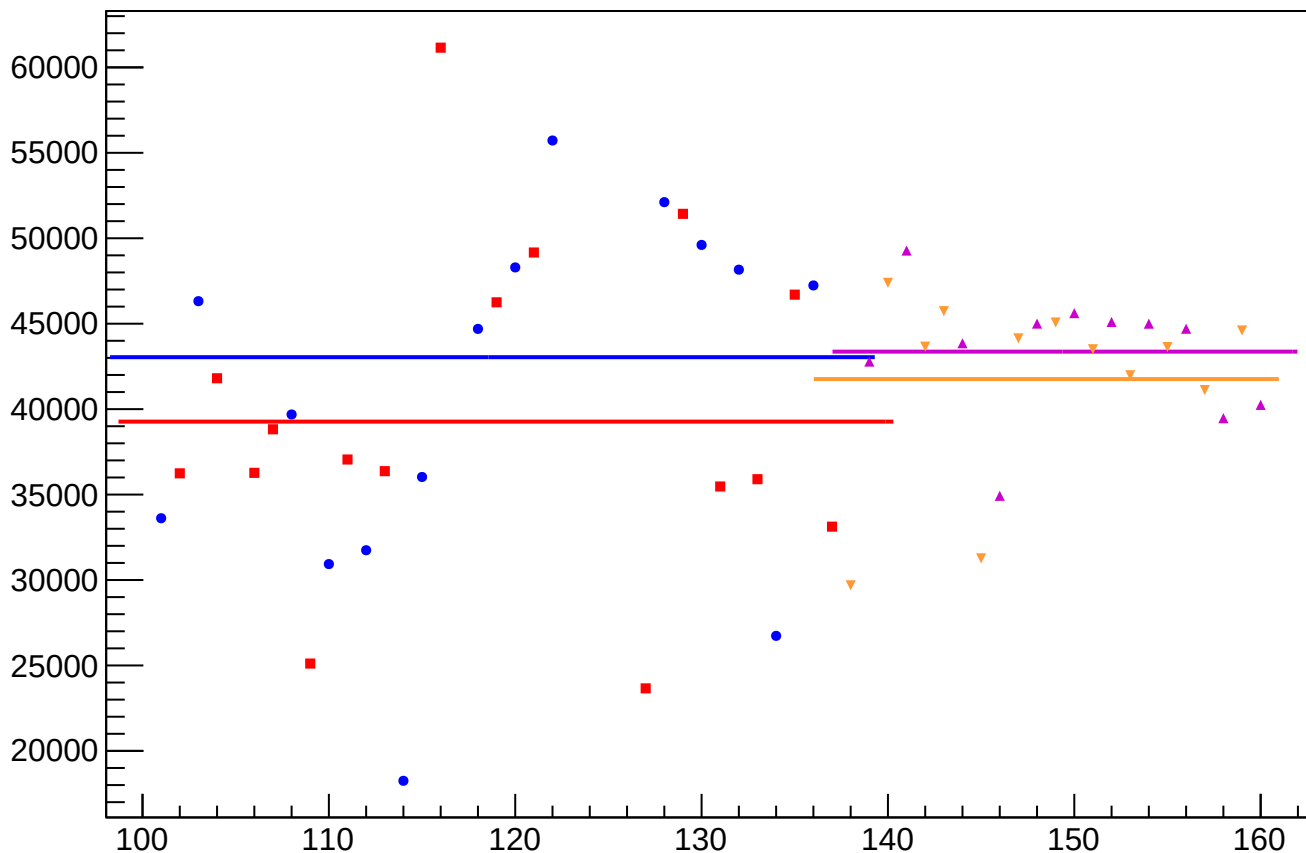
- sign 486.131+/-0.000 χ^2/NDF : 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF : 25680884477827715914944205366363160576.0/10

dit_sam3_coil4_Ndata_mean vs Slug



dit_sam4_coil4_mean vs Slug



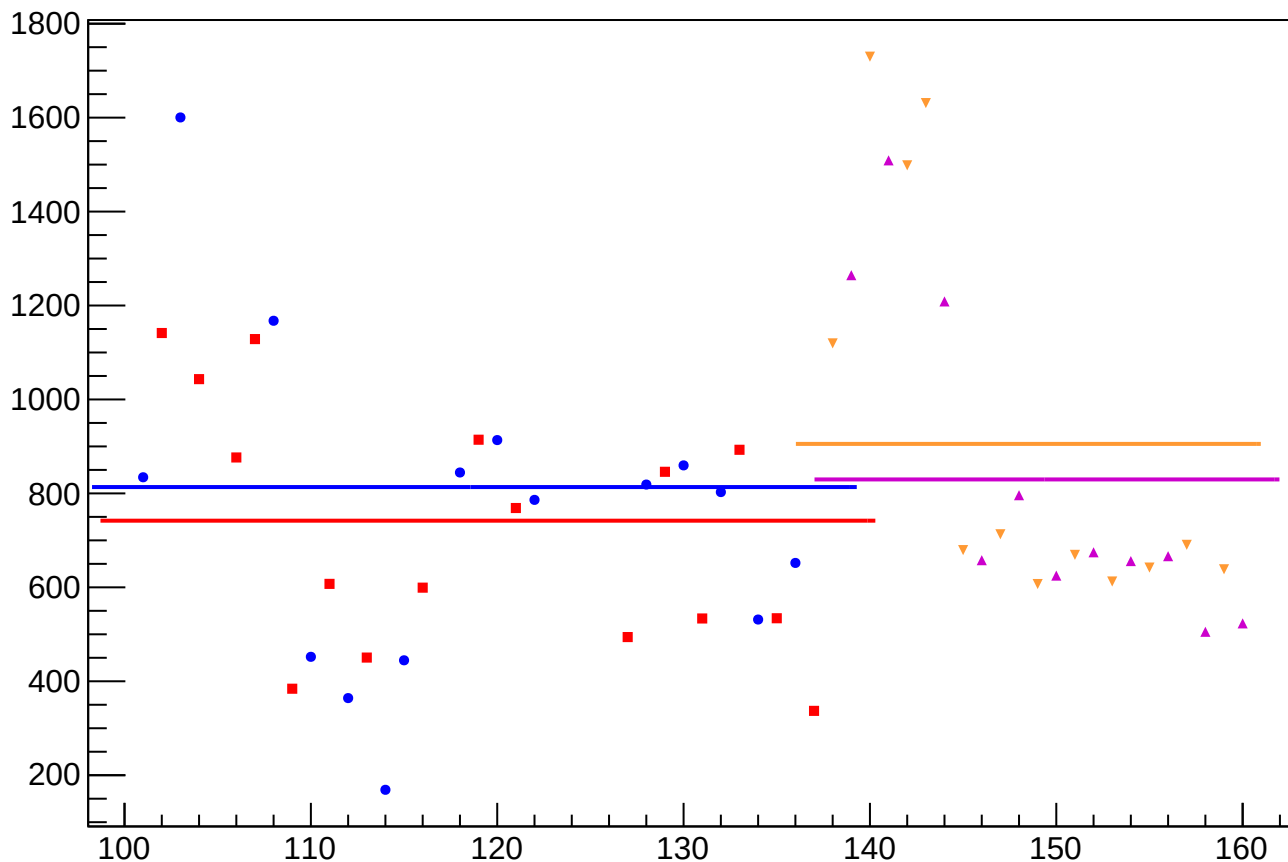
Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41759.238+/-0.000	χ^2/NDF : 26338532629522543185974017898719754584064.0/11
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 43364.892+/-0.000	χ^2/NDF : 12209695723681592241000188414954802511872.0/10

+ sign 42291.015+/-0.000 χ^2/NDF : 7535805649529

All: 41966.664+/-0.000 χ^2/NDF : 146263445

- sign 41648.021+/-0.000 χ^2/NDF : 7057941602179

dit_sam4_coil4_err_mean vs Slug



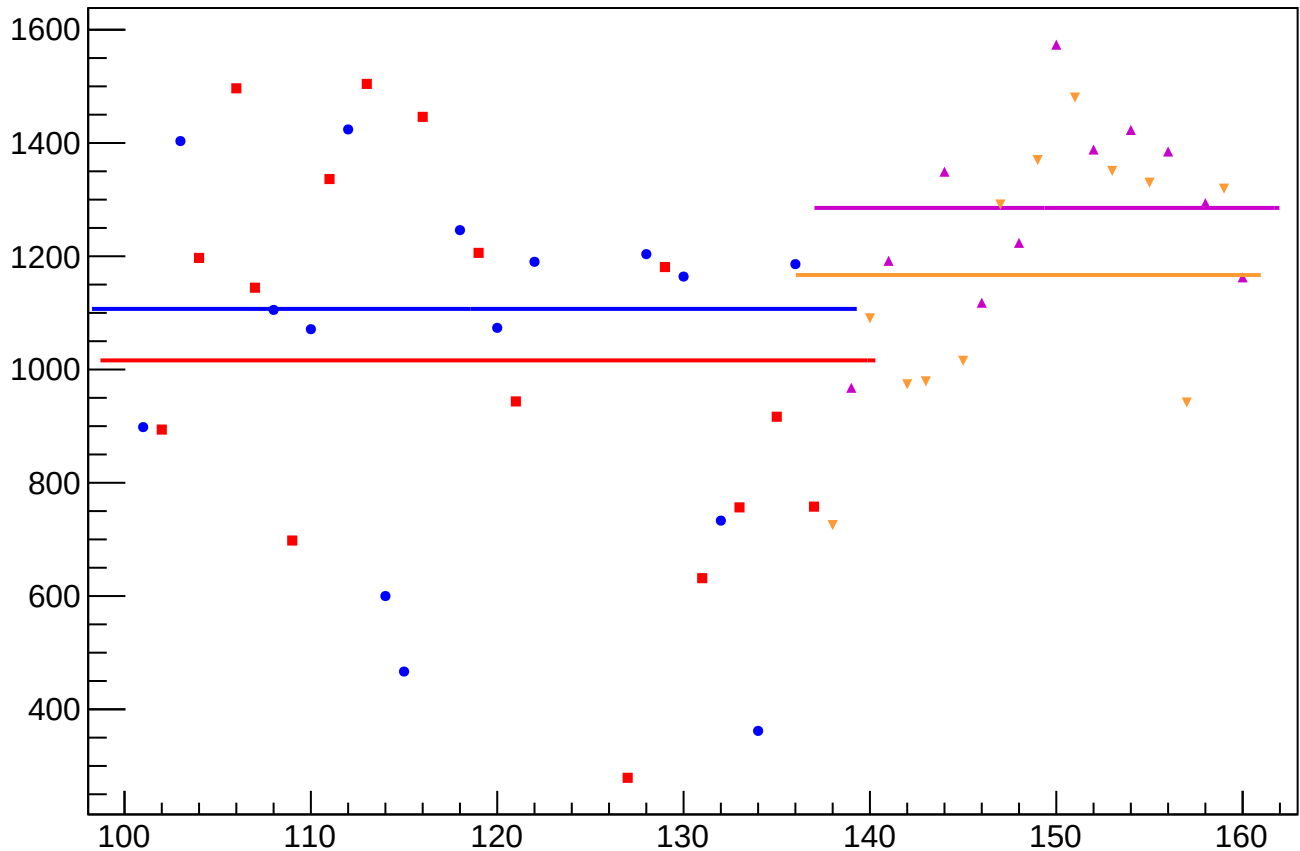
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 905.383 $\pm$ 0.000 χ^2 /NDF: 151600119297269061553878773288042233856.0/11

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

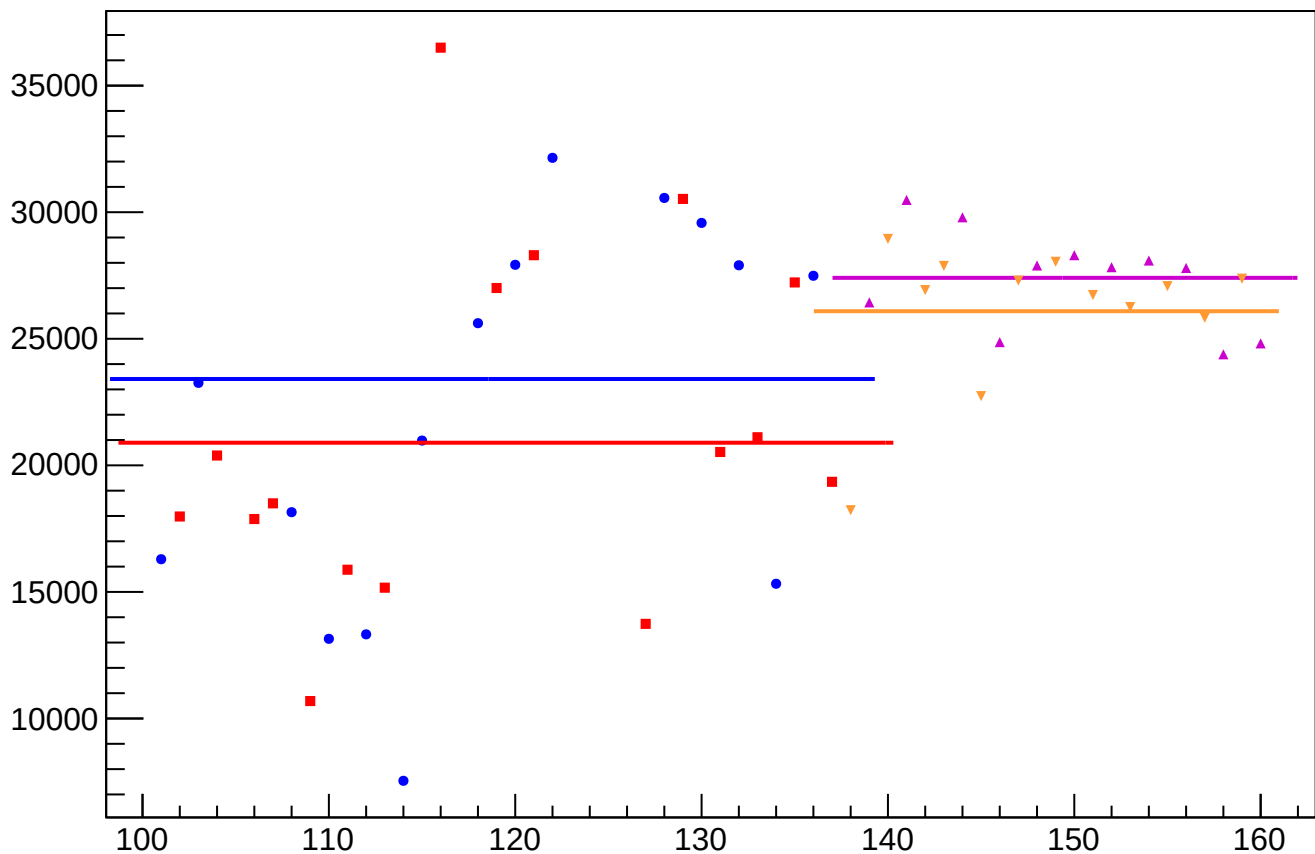
Left In: 829.715 $\pm$ 0.000 χ^2 /NDF: 96077836071623048341749512260917657600.0/10

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

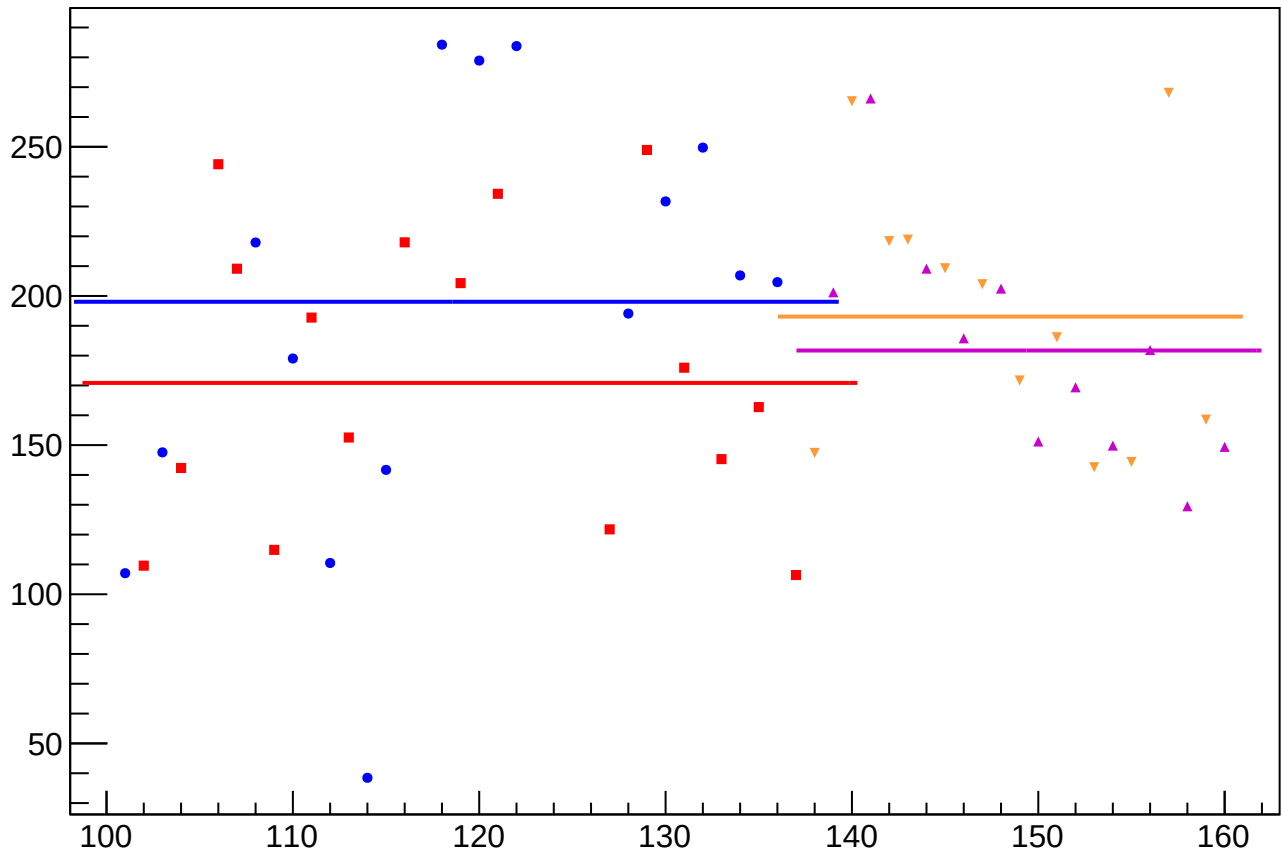
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 26089.435+/-0.000	χ^2/NDF : 7297474697325231234633060364075485102080.0/11
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27407.255+/-0.000	χ^2/NDF : 3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF : 3844656677924
 All: 24825.775+/-0.000 χ^2/NDF : 8568215489
 - sign 24676.734+/-0.000 χ^2/NDF : 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 193.084 +/- 0.000 χ^2/NDF : 1682749705439949881122511912389574656.0/11

Right Out: 170.851 +/- 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

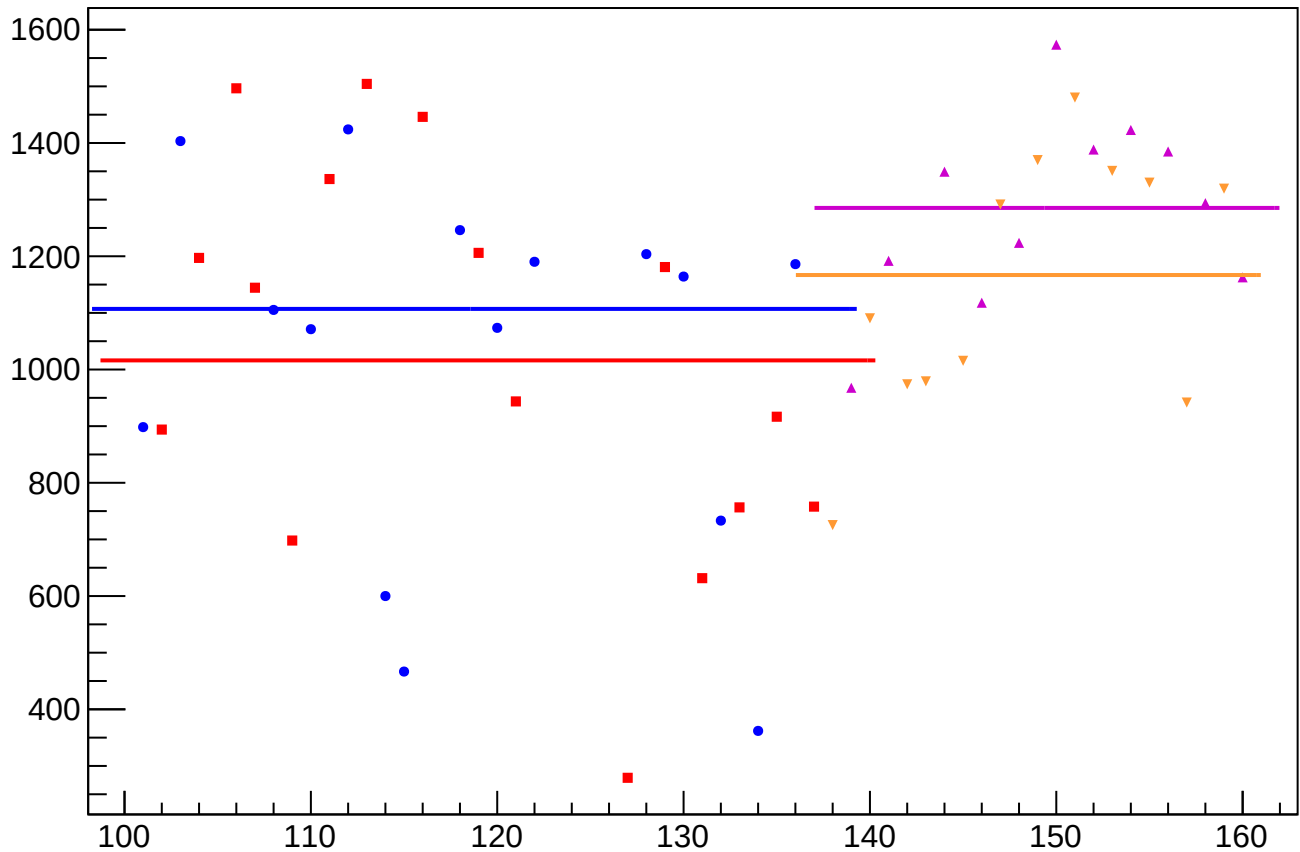
Left In: 181.711 +/- 0.000 χ^2/NDF : 1228549704796737698218369408017891328.0/10

All: 186.074 +/- 0.000 χ^2/NDF : 712277108618

+ sign 195.148 +/- 0.000 χ^2/NDF : 417506015542371

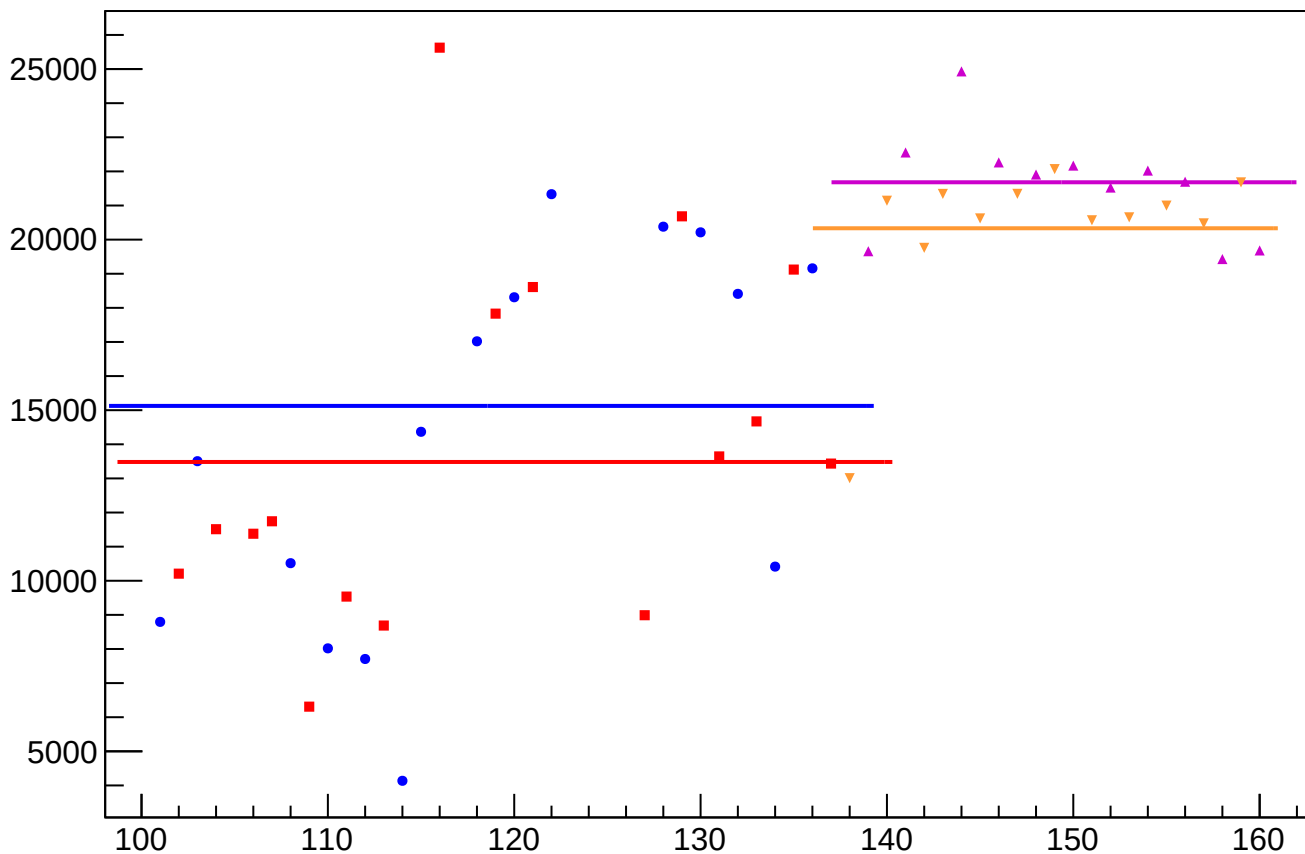
- sign 177.159 +/- 0.000 χ^2/NDF : 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10

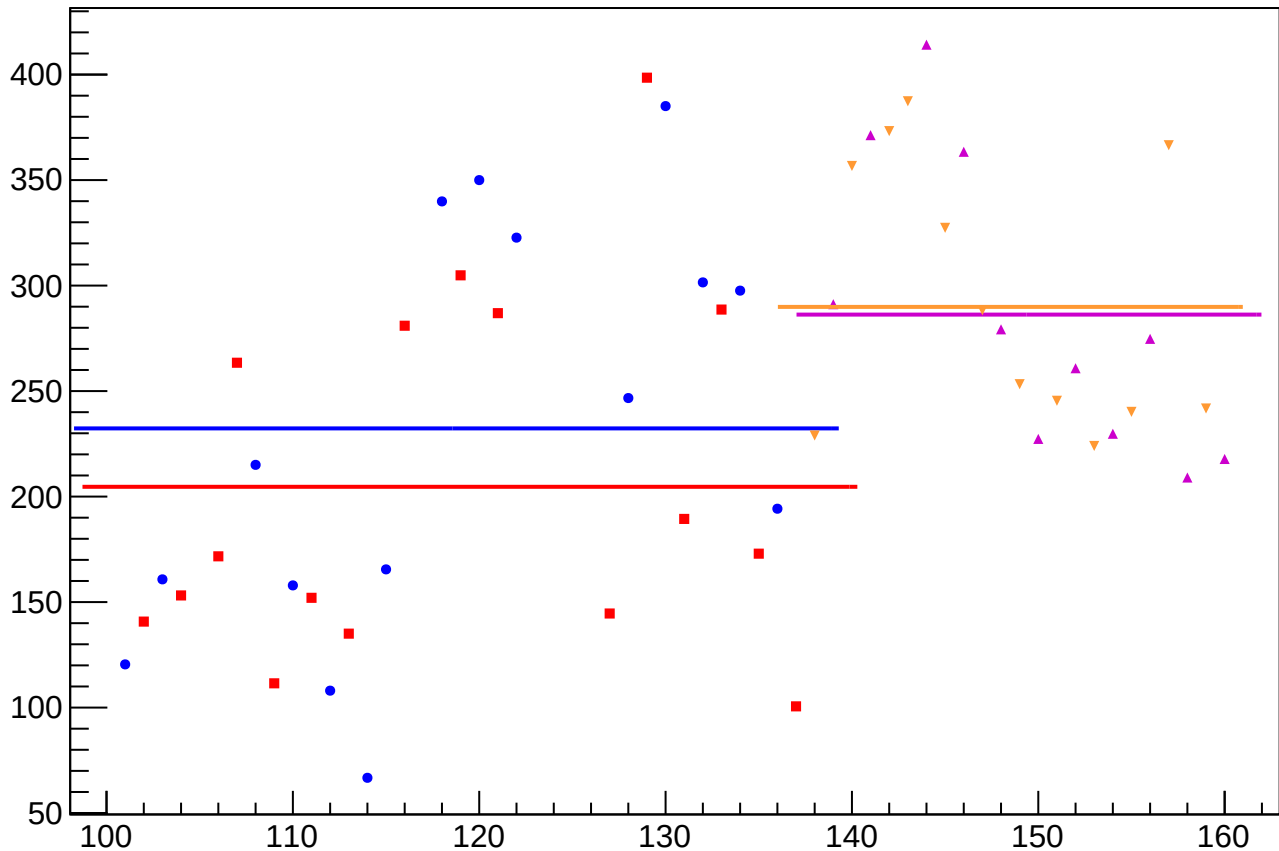
dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20333.061+/-0.000	χ^2/NDF : 4855949225776942763226853940369054236672.0/11
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 21681.241+/-0.000	χ^2/NDF : 2108874573649202621711530332866310307840.0/10

+ sign 18170.879+/-0.000 χ^2/NDF : 3176208714015
 All: 18207.738+/-0.000 χ^2/NDF : 7582607940
 - sign 18243.949+/-0.000 χ^2/NDF : 4405978256455

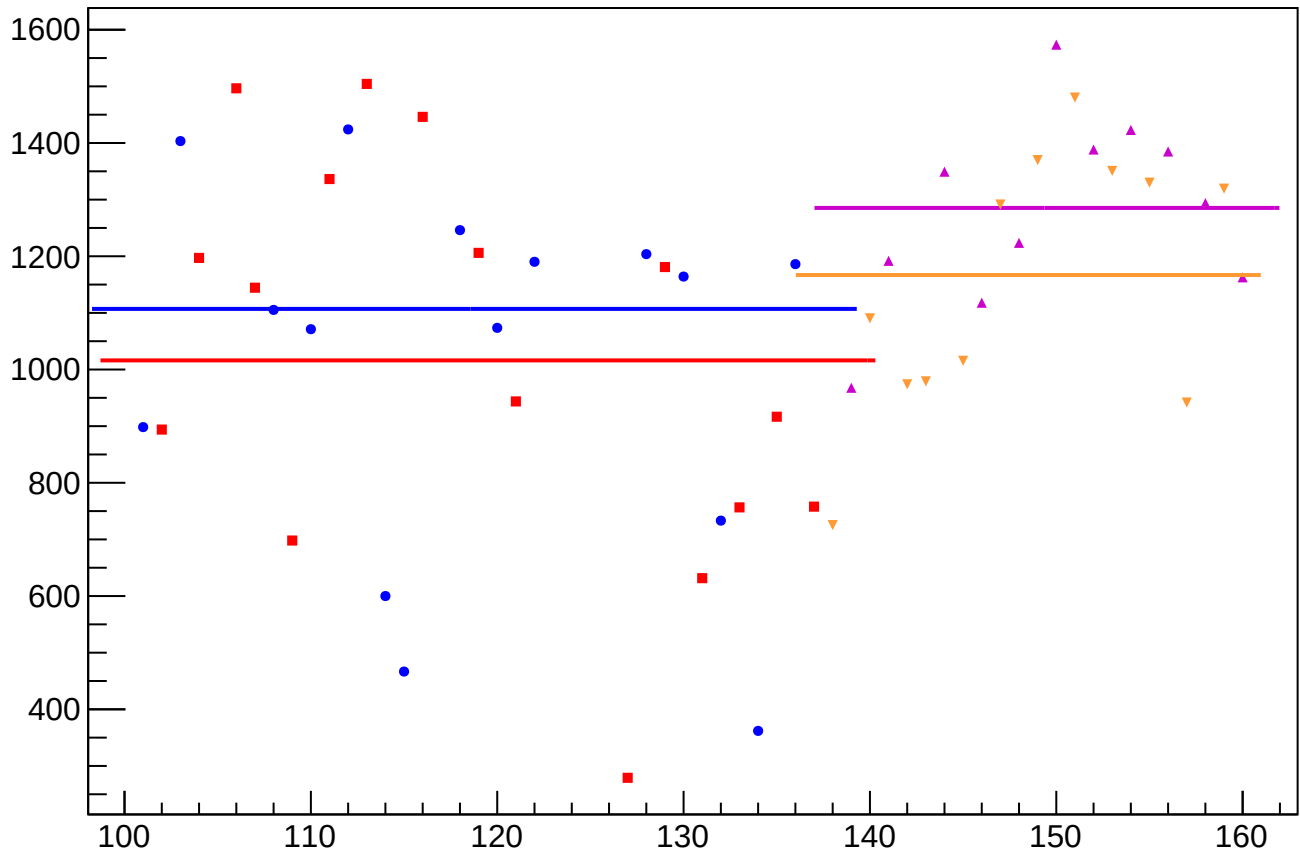
dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000	χ^2/NDF : 5478184144885833956204804001180418048.0/14
Left Out: 289.897+/-0.000	χ^2/NDF : 3202390993231935504147250998086205440.0/11
Right Out: 204.637+/-0.000	χ^2/NDF : 4555067046835230017930882867882098688.0/15
Left In: 286.246+/-0.000	χ^2/NDF : 4067110443230234744644750983181631488.0/10

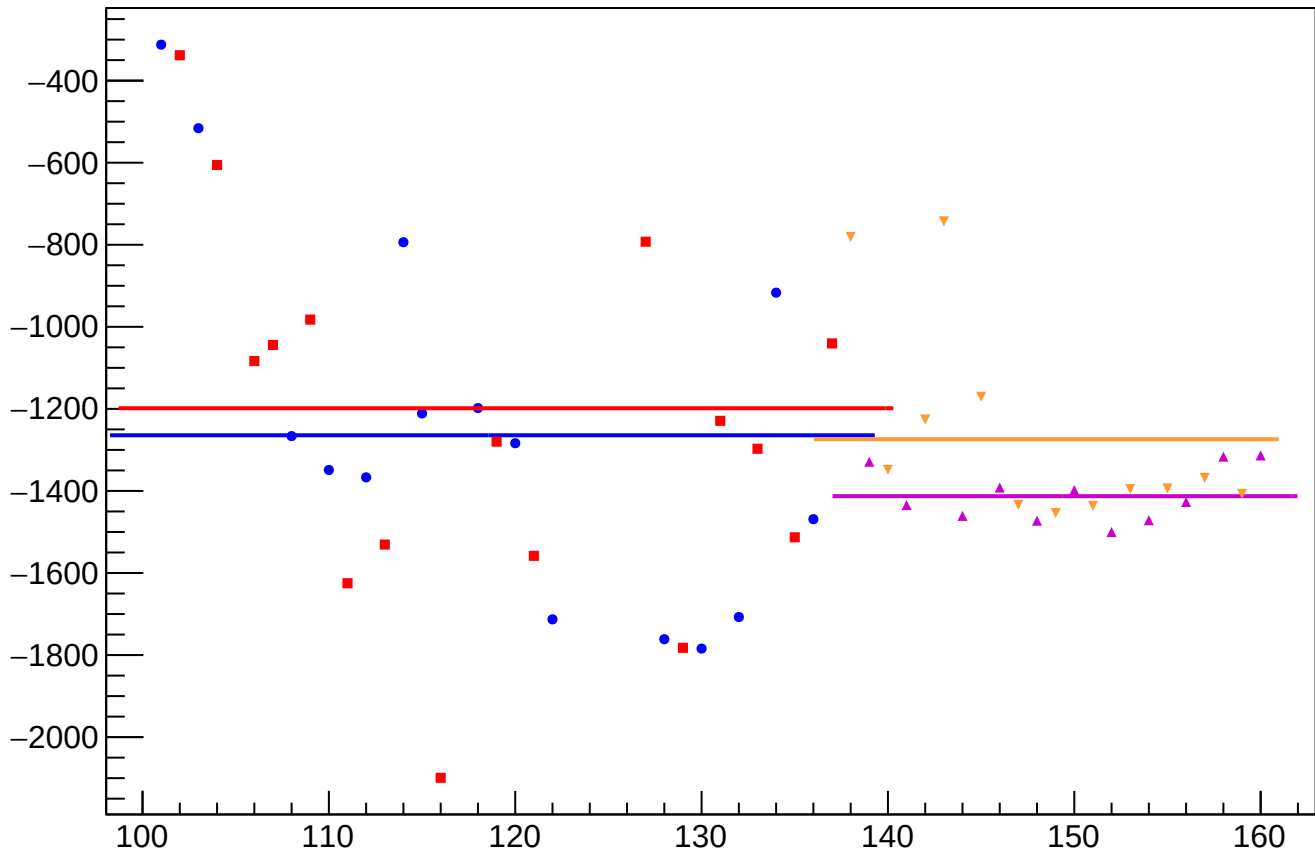
+ sign 265.986+/-0.000 χ^2/NDF : 993907240808893
 All: 258.948+/-0.000 χ^2/NDF : 212946744199
 - sign 252.033+/-0.000 χ^2/NDF : 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



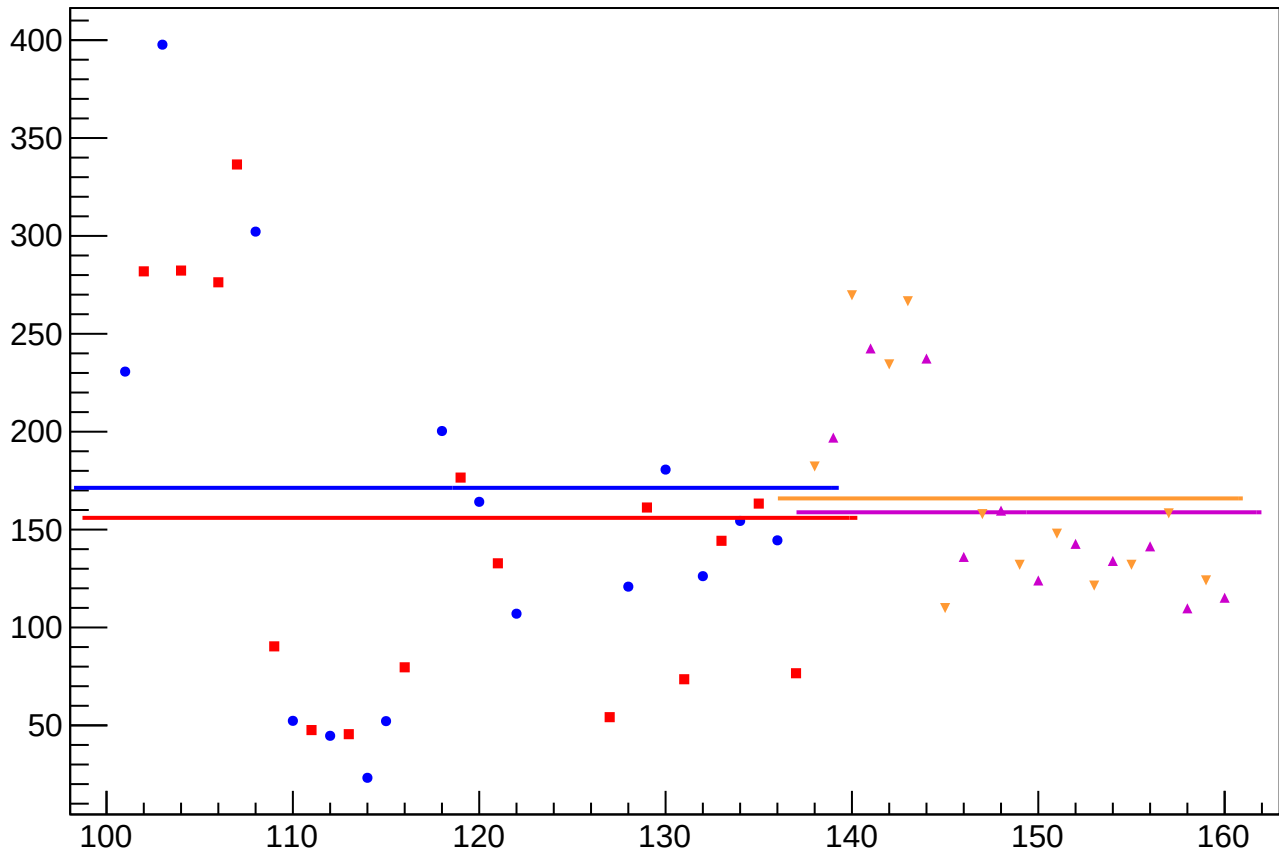
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

dit_sam7_coil4_mean vs Slug



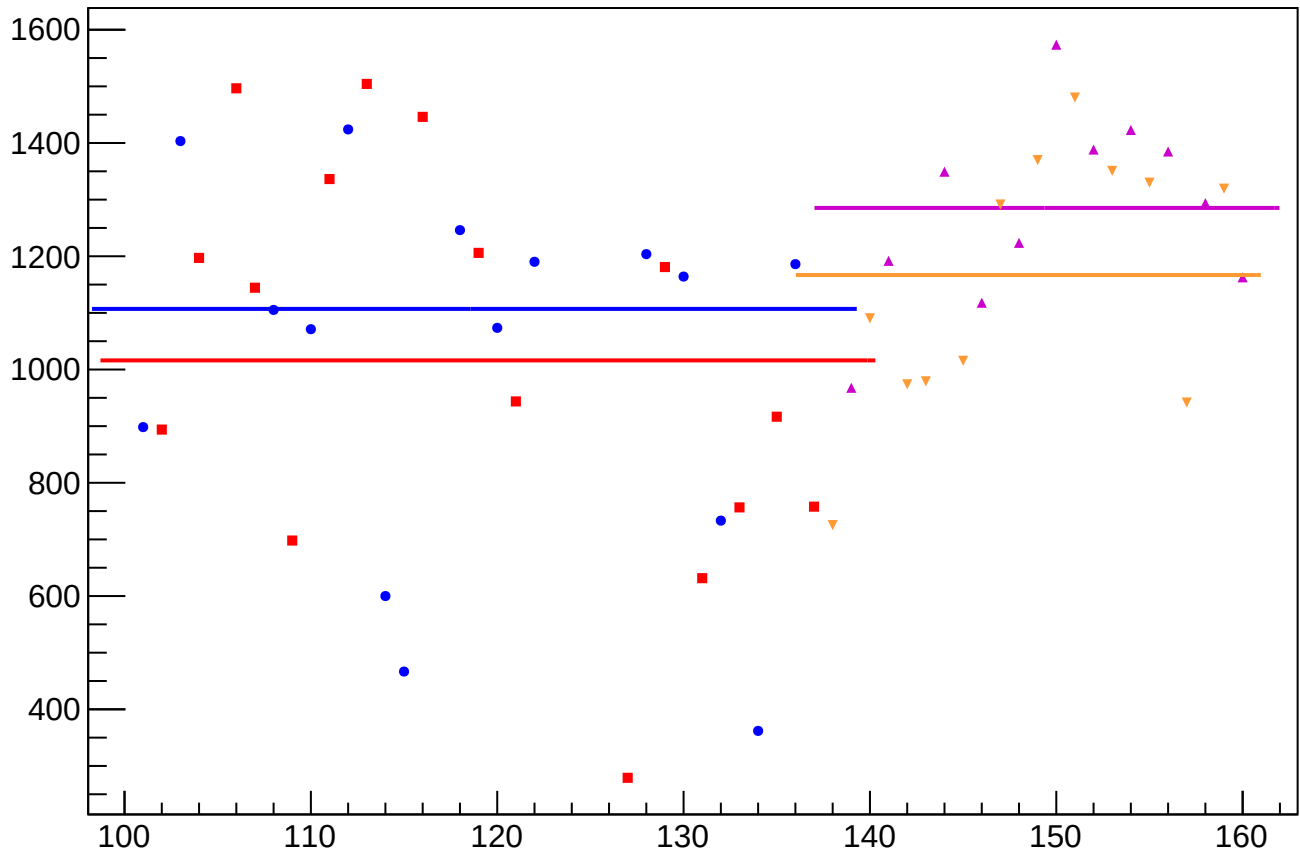
Right In: -1264.303 ± 0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1273.912 ± 0.000 χ^2/NDF : 50517219487332482659121972372719009792.0/11
 Right Out: -1198.483 ± 0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1412.771 ± 0.000 χ^2/NDF : 3642959557366432228461510163957809152.0/10
 All: -1296.664 ± 0.000 χ^2/NDF : 3455789240
 + sign -1269.922 ± 0.000 χ^2/NDF : 1907675135798
 - sign -1322.935 ± 0.000 χ^2/NDF : 15259559017097

dit_sam7_coil4_err_mean vs Slug

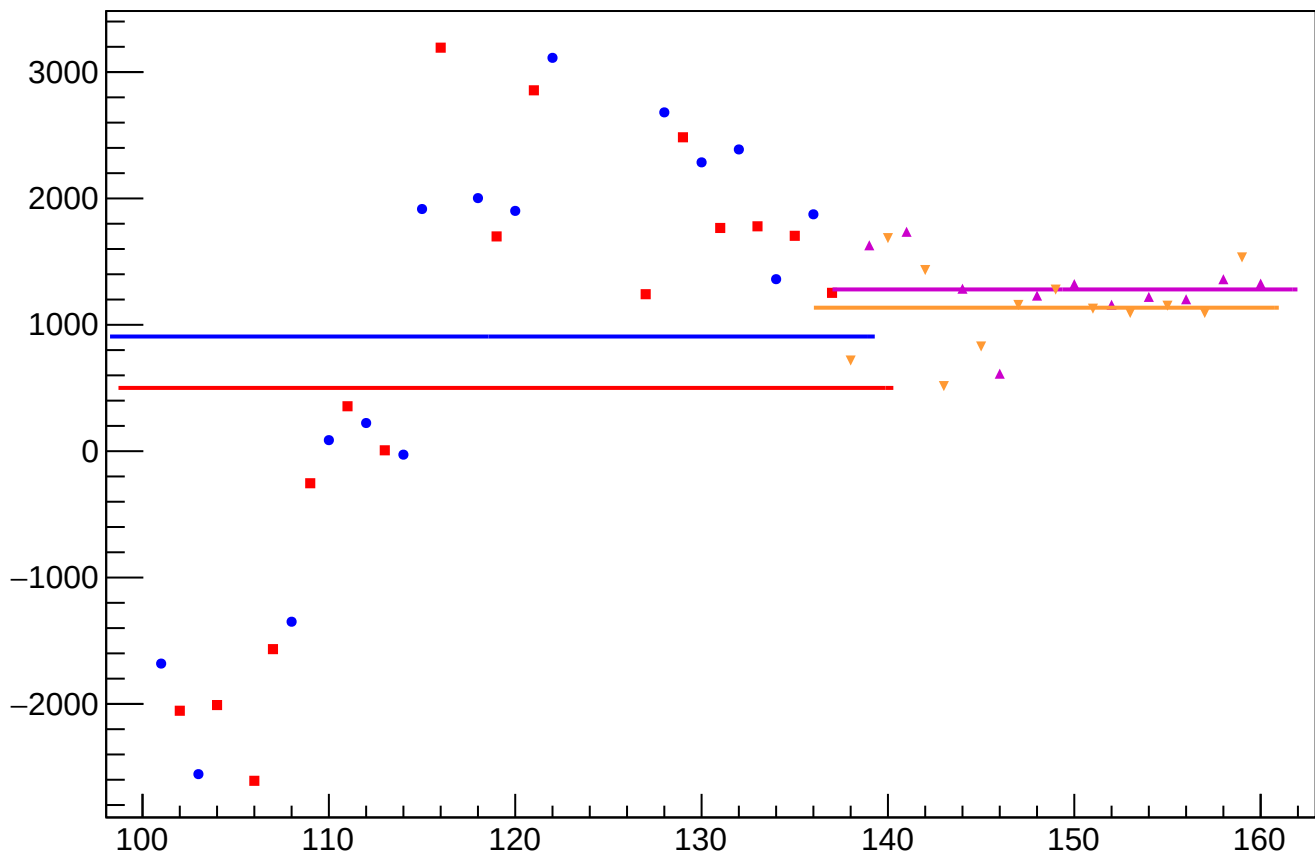


Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.917+/-0.000 χ^2/NDF : 2574923375517186479088669940447707136.0/11
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10

dit_sam7_coil4_Ndata_mean vs Slug



dit_sam8_coil4_mean vs Slug



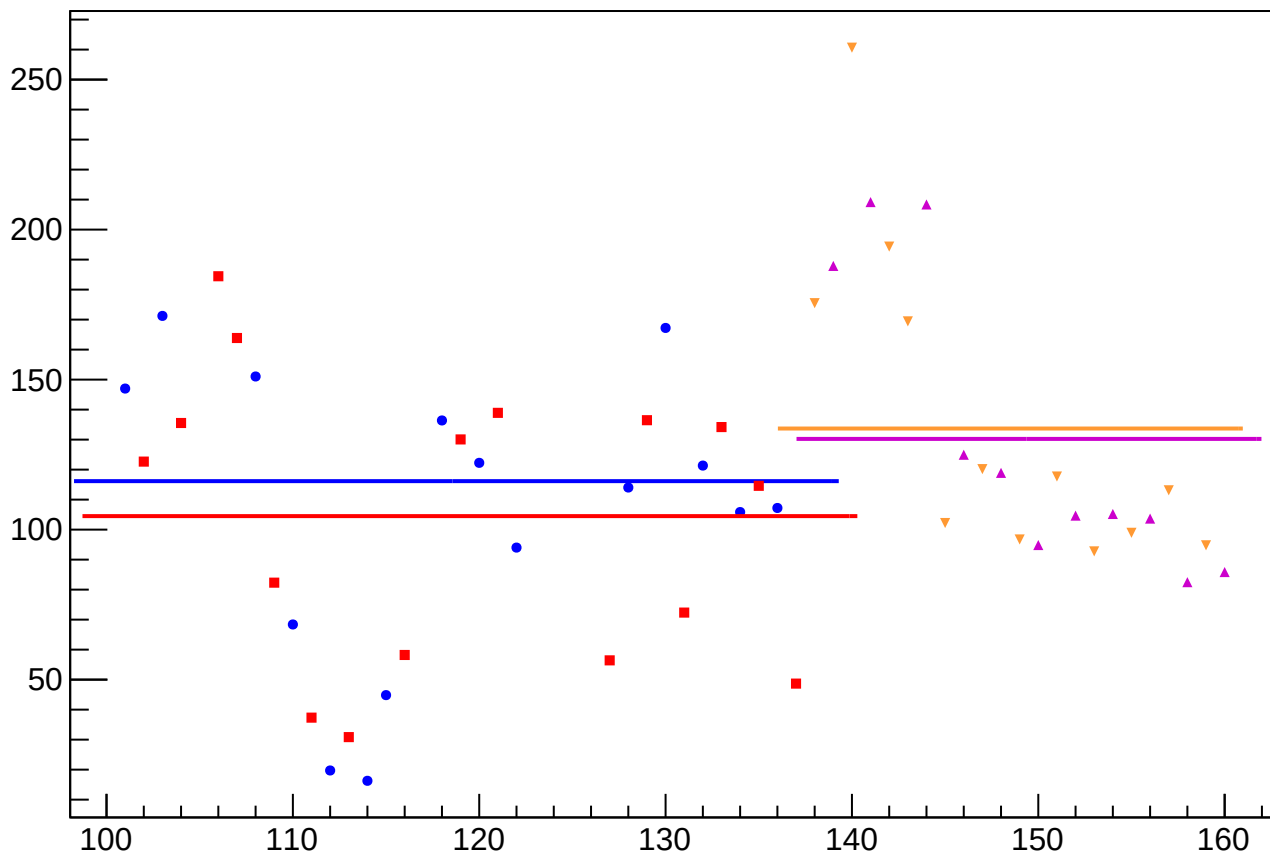
Right In: 907.442+/-0.000	χ^2/NDF : 2107238007691848638499662178406566461440.0/14
Left Out: 1135.509+/-0.000	χ^2/NDF : 90454761773489591793478678074609369088.0/11
Right Out: 500.689+/-0.000	χ^2/NDF : 2074232918749953174436803426379074895872.0/15
Left In: 1279.995+/-0.000	χ^2/NDF : 67592304703884032028559239448782438400.0/10

+ sign 1040.809+/-0.000 χ^2/NDF : 22174332894874

All: 996.658+/-0.000 χ^2/NDF : 460055616816

- sign 953.284+/-0.000 χ^2/NDF : 237708288217536

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159 $\pm$ 0.000 χ^2 /NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.695 $\pm$ 0.000 χ^2 /NDF: 2332238004384262852879386446827356160.0/11

Right Out: 104.501 $\pm$ 0.000 χ^2 /NDF: 1285986383644058507445602420764180480.0/15

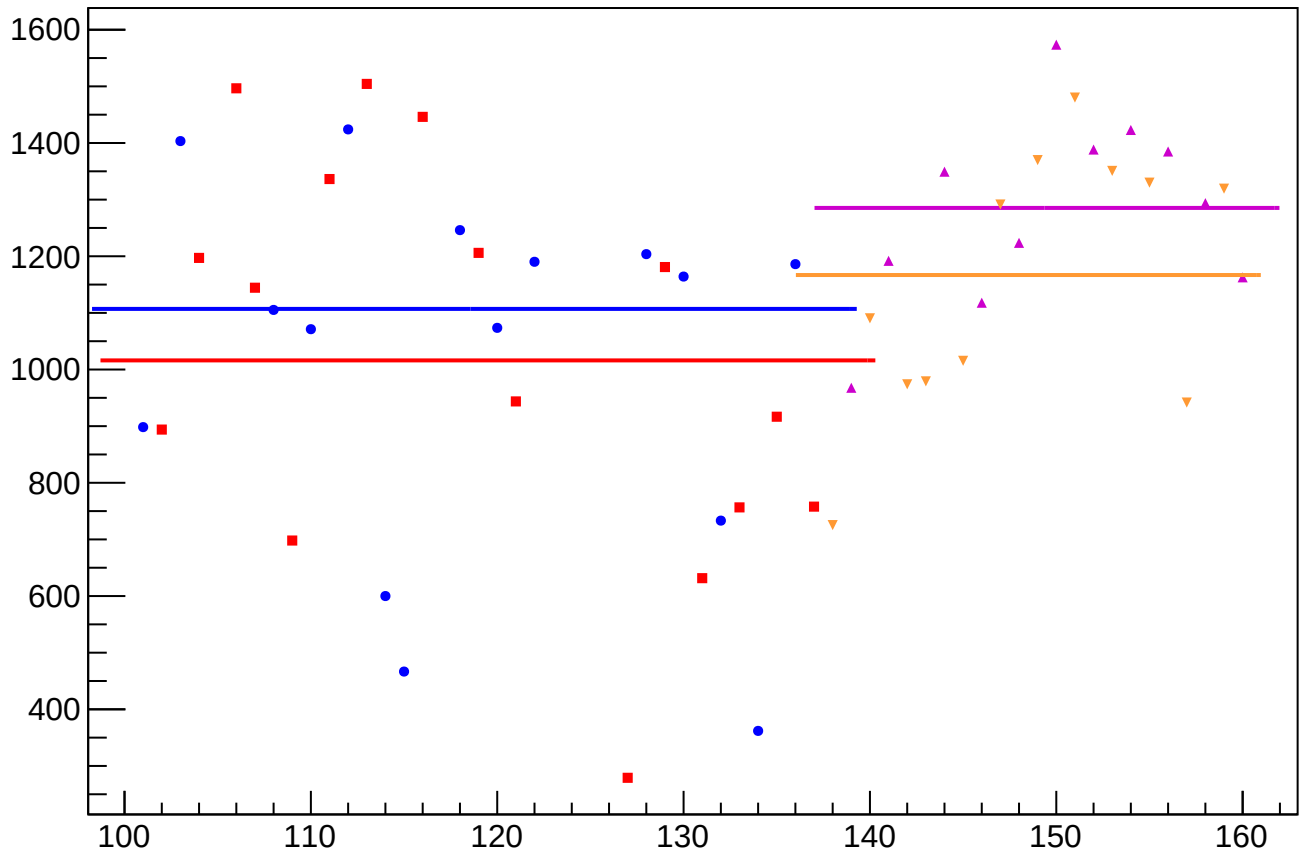
Left In: 130.237 $\pm$ 0.000 χ^2 /NDF: 1968814259217478663576054483231178752.0/10

+ sign 126.414 $\pm$ 0.000 χ^2 /NDF: 364747445092715

All: 122.900 $\pm$ 0.000 χ^2 /NDF: 71971163823

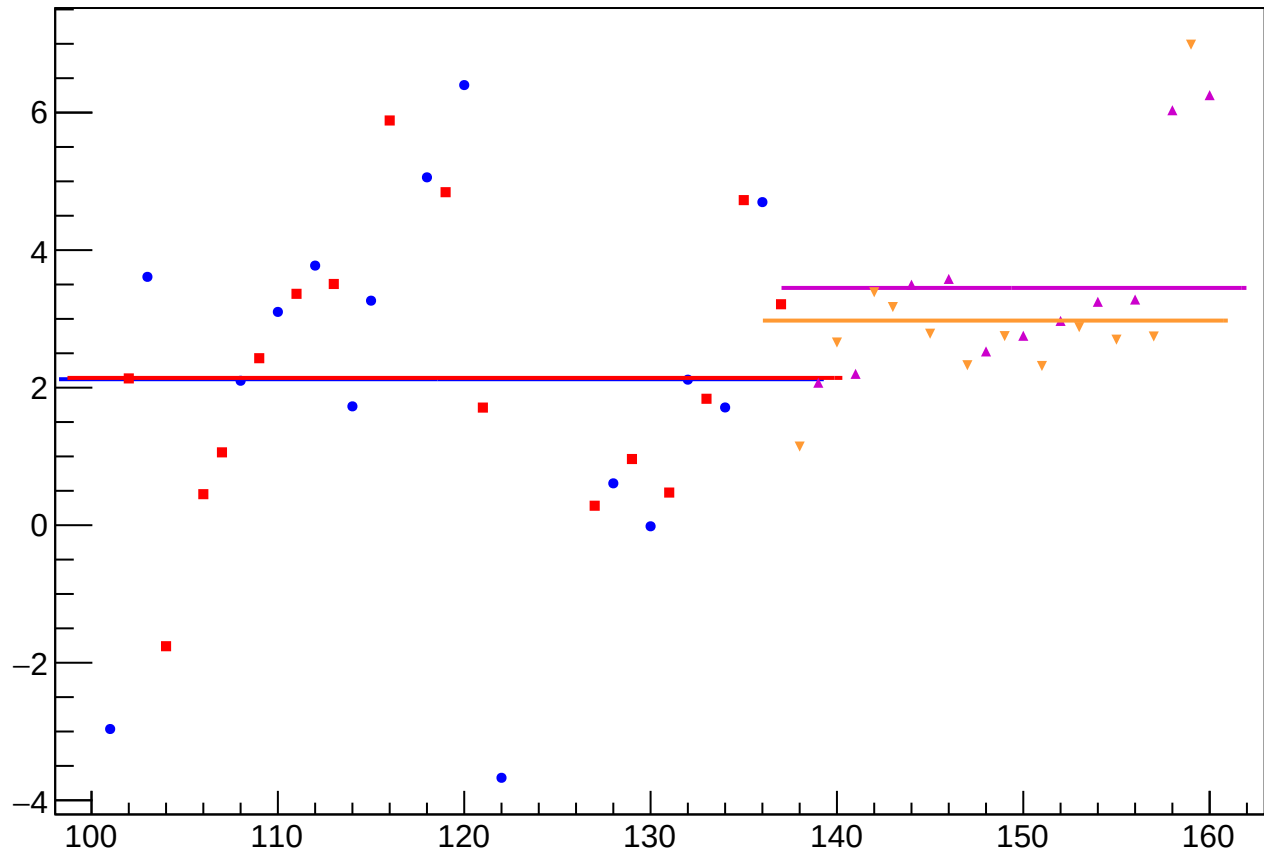
- sign 119.447 $\pm$ 0.000 χ^2 /NDF: 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1166.869 +/- 0.000 χ^2/NDF : 44651845589529754769451964140544327680.0/11
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.364 +/- 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: 1157.392 +/- 0.000 χ^2/NDF : 21202911442
 + sign 1142.031 +/- 0.000 χ^2/NDF : 86643588377316
 - sign 1172.482 +/- 0.000 χ^2/NDF : 12465444911625

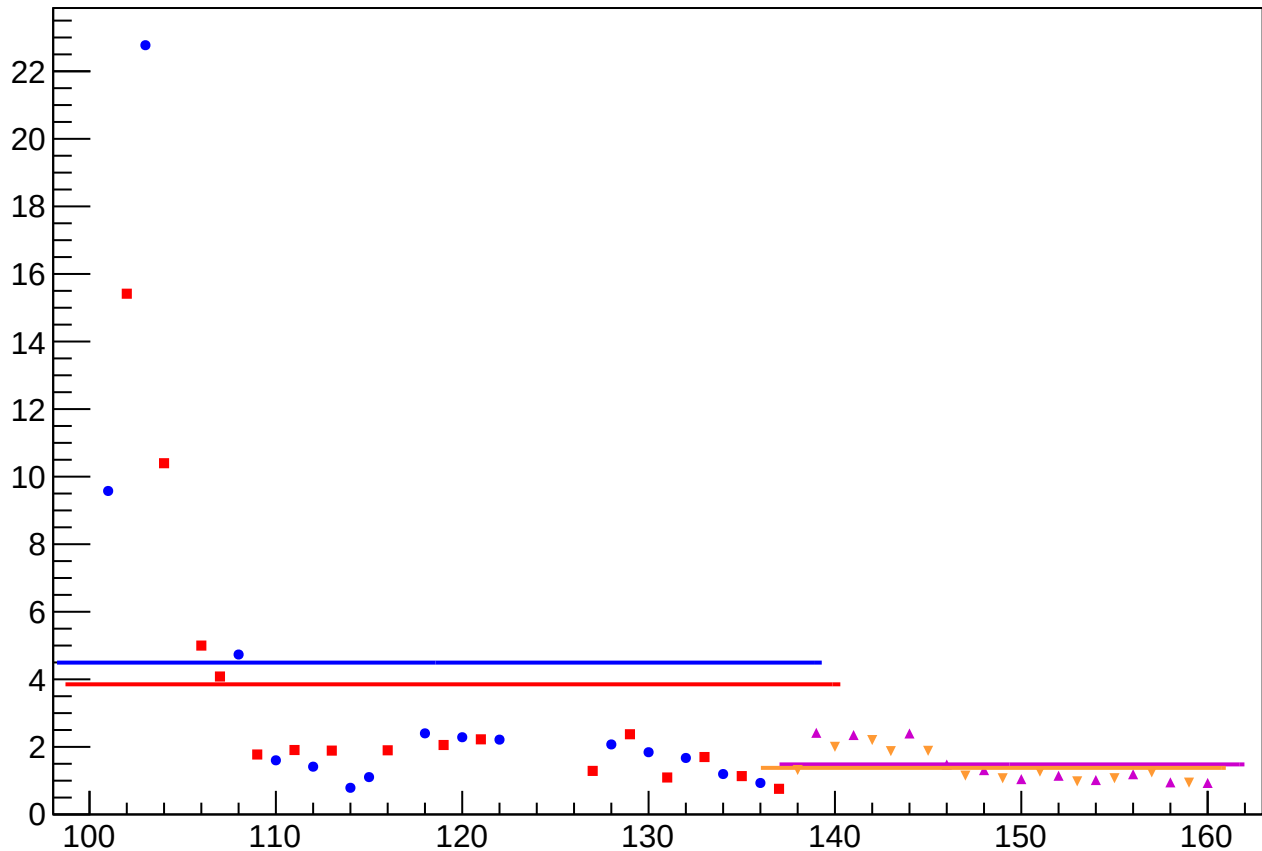
dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.975+/-0.000	χ^2/NDF : 1653073452461549310648226194391040.0/11
Right Out: 2.142+/-0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 3.450+/-0.000	χ^2/NDF : 1551935058842125730993767819771904.0/10

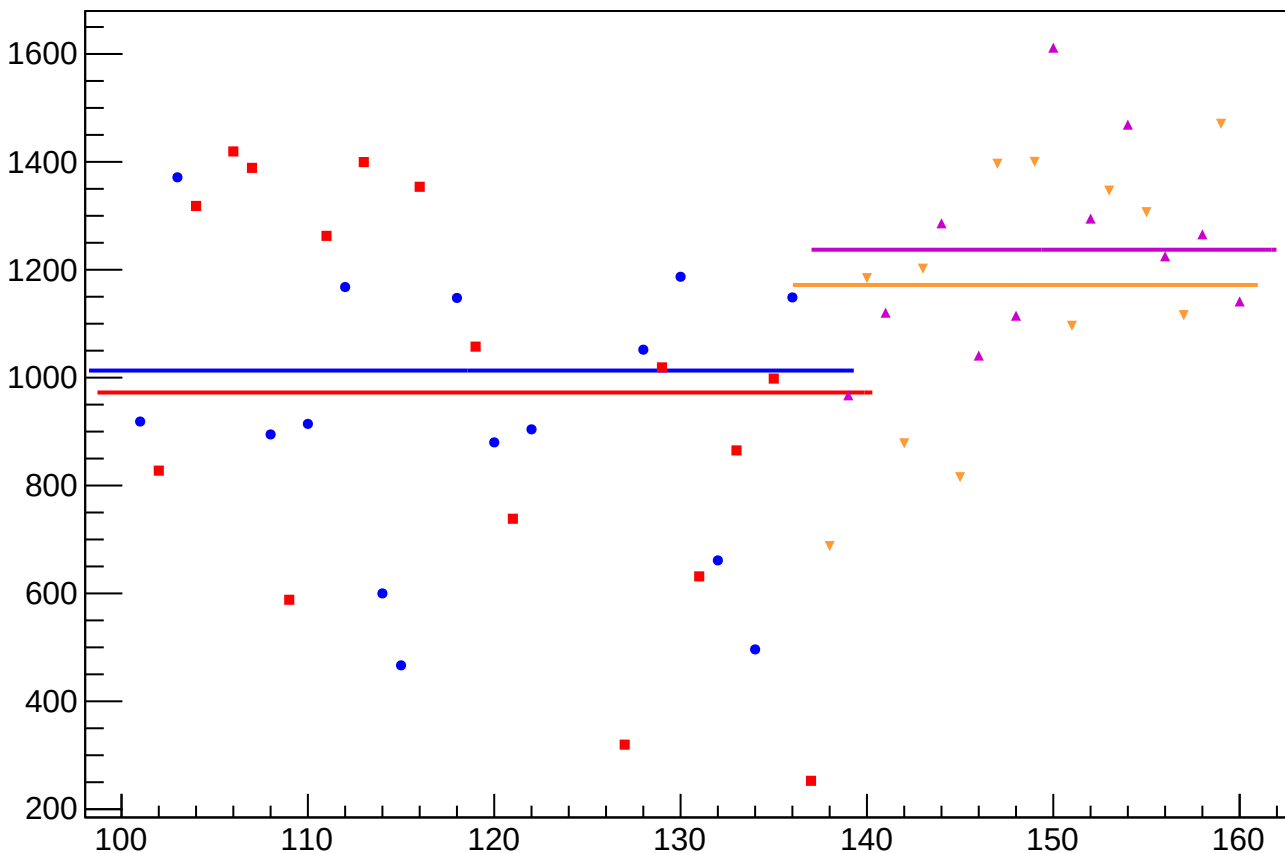
+ sign 2.621+/-0.000 χ^2/NDF : 71926109698373780
 All: 2.763+/-0.000 χ^2/NDF : 11942737584809
 - sign 2.902+/-0.000 χ^2/NDF : 46881653143346508

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.379 $\pm$ 0.000 χ^2 /NDF: 150384329501224226849656085151744.0/11
 Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: 1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10
 All: 2.573 $\pm$ 0.000 χ^2 /NDF: 43938576112447.0/10
 + sign 2.673 $\pm$ 0.000 χ^2 /NDF: 29105436808146683.0/10
 - sign 2.476 $\pm$ 0.000 χ^2 /NDF: 14802405912641910.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

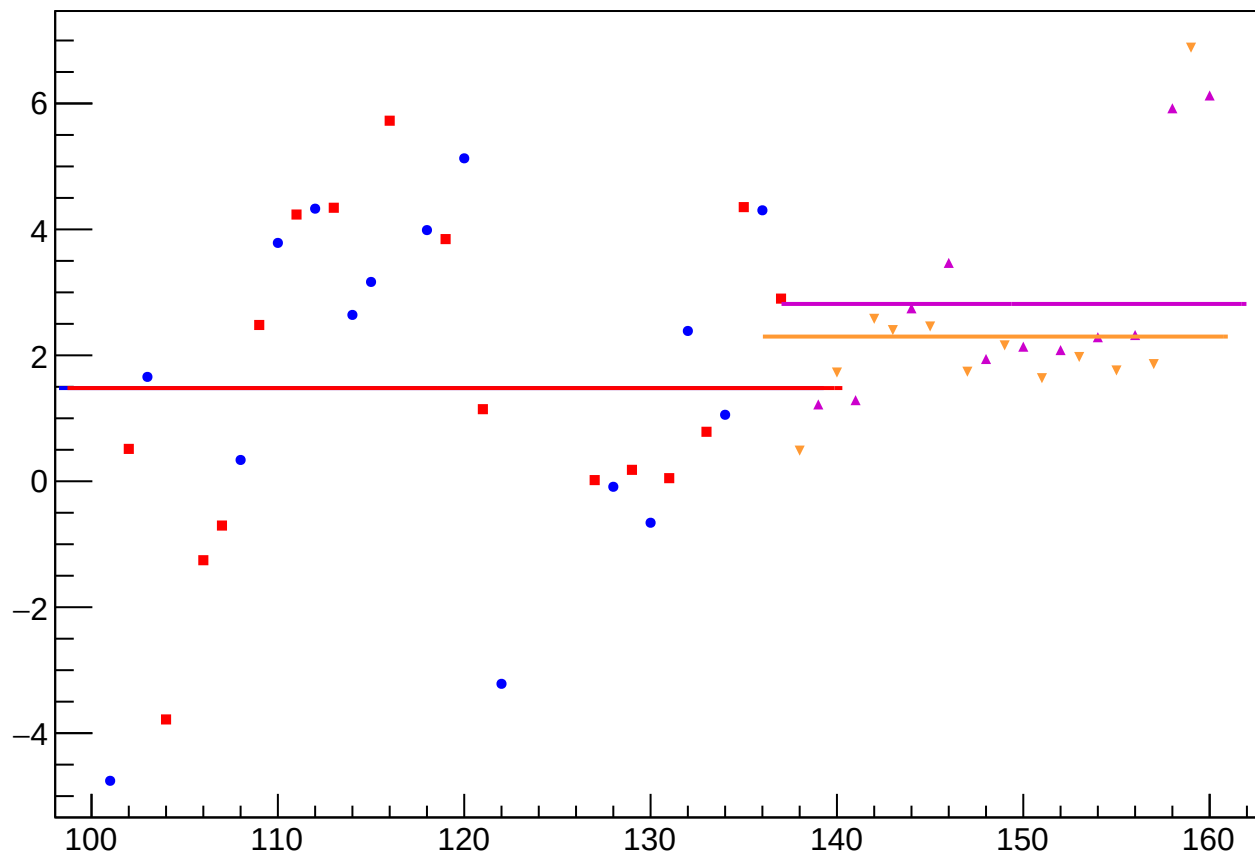
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eX_coil6_mean vs Slug



Right In: 1.480 ± 0.000

χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 2.298 ± 0.000

χ^2/NDF : 2079870991739780462593334803693568.0/11

Right Out: 1.480 ± 0.000

χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 2.816 ± 0.000

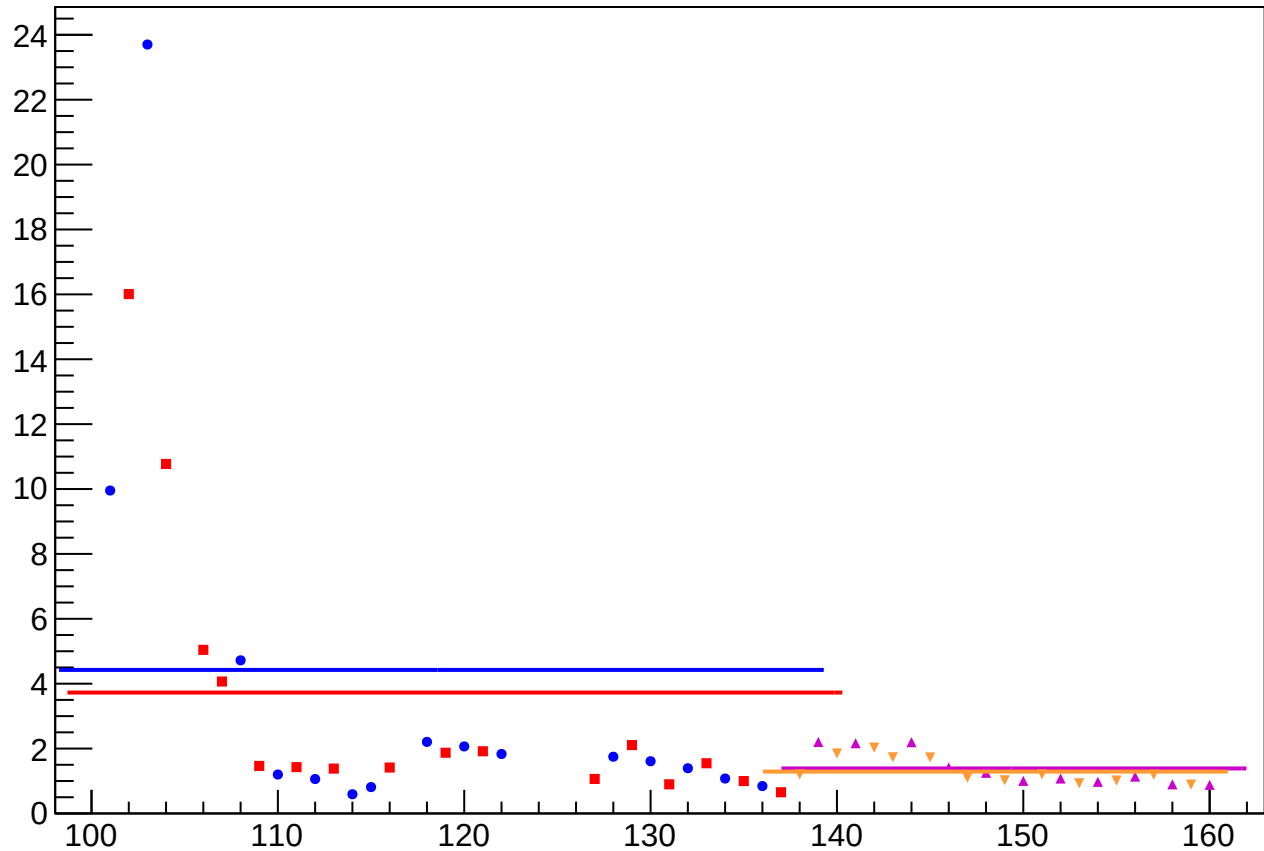
χ^2/NDF : 2230790234579581781884760219451392.0/10

+ sign 1.958 ± 0.000 χ^2/NDF : 81334773001182979

All: 2.109 ± 0.000 χ^2/NDF : 15218379370263

- sign 2.256 ± 0.000 χ^2/NDF : 70149440633078184

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.291+/-0.000 χ^2/NDF : 119201725618452190917490324275200.0/11

Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

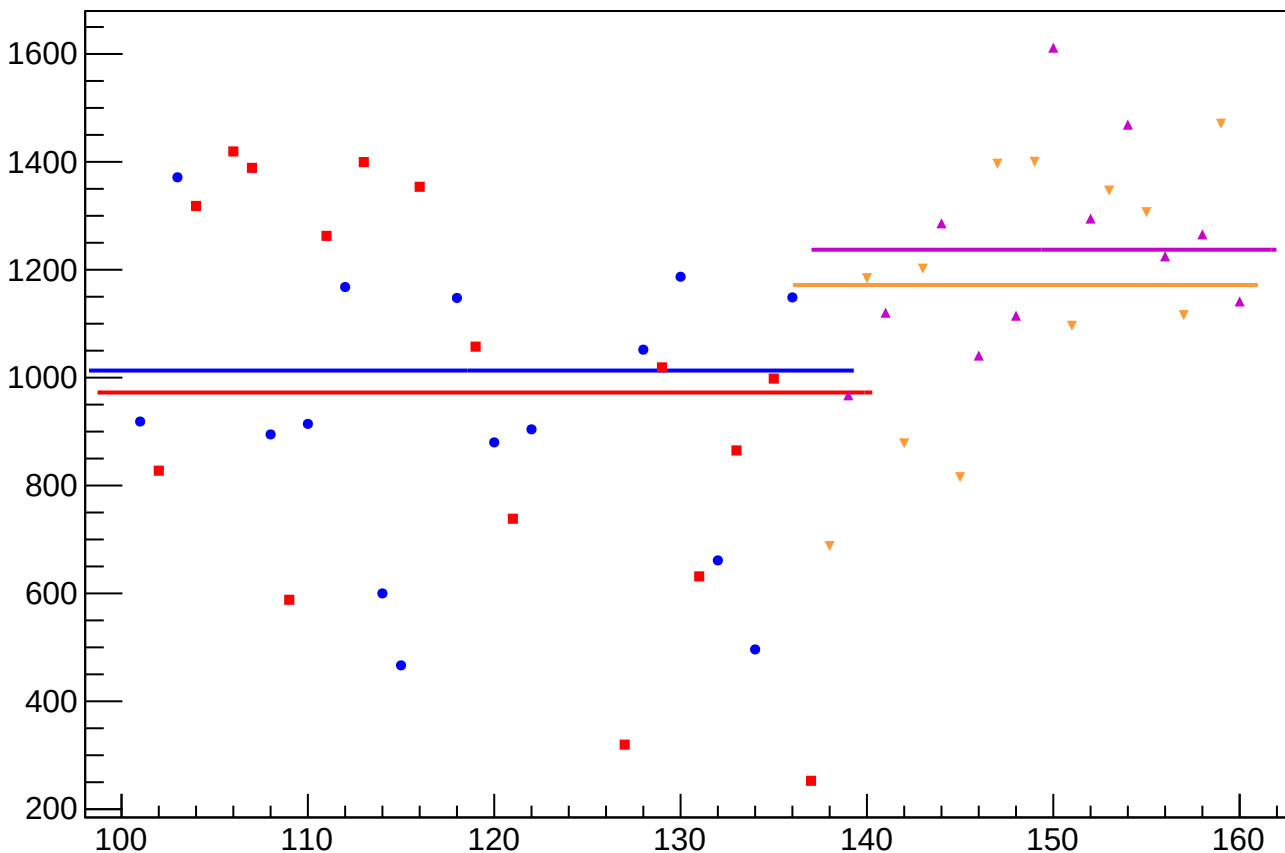
Left In: 1.387+/-0.000 χ^2/NDF : 245381205913734368947829561360384.0/10

+ sign 2.592+/-0.000 χ^2/NDF : 32103516119977359

All: 2.479+/-0.000 χ^2/NDF : 48501017381547

- sign 2.368+/-0.000 χ^2/NDF : 16358007863357496

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

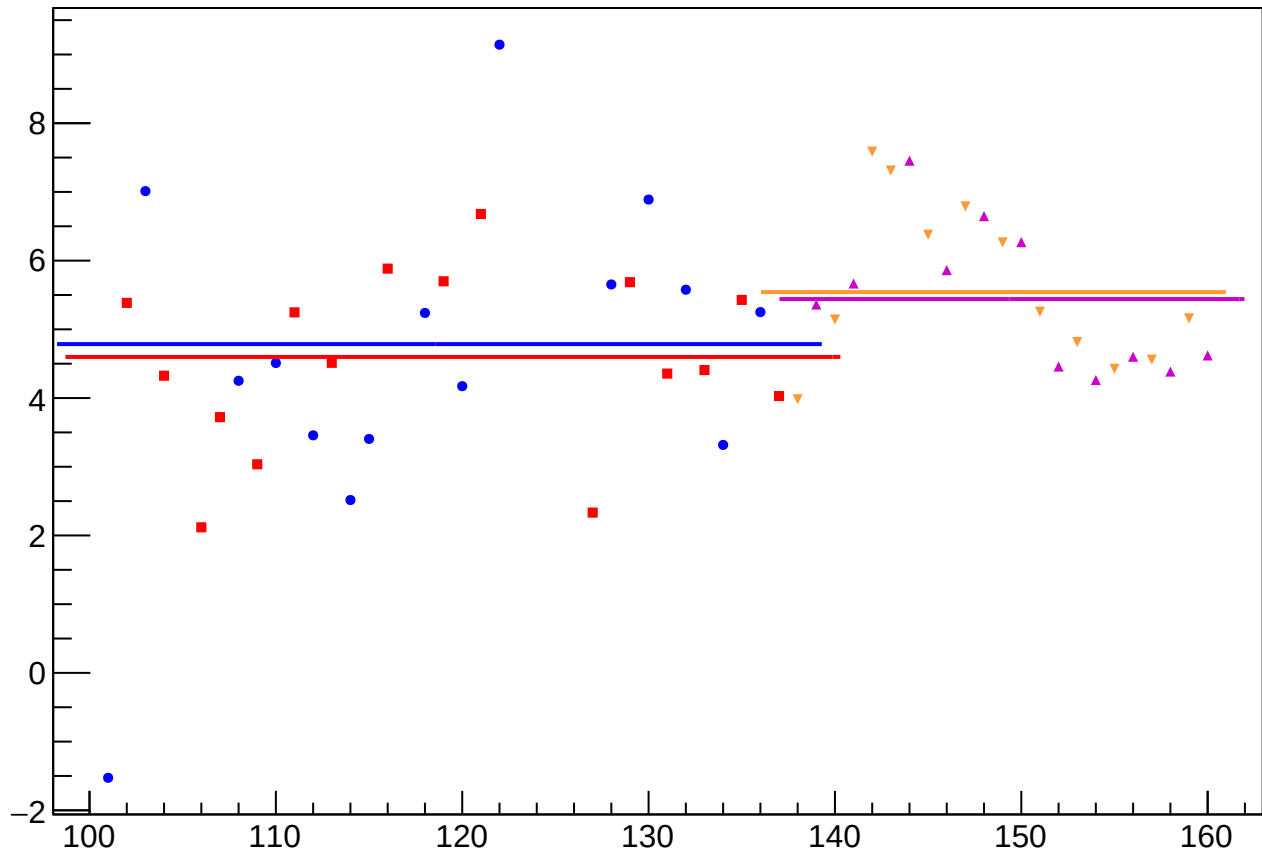
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_11X12X_coil6_mean vs Slug



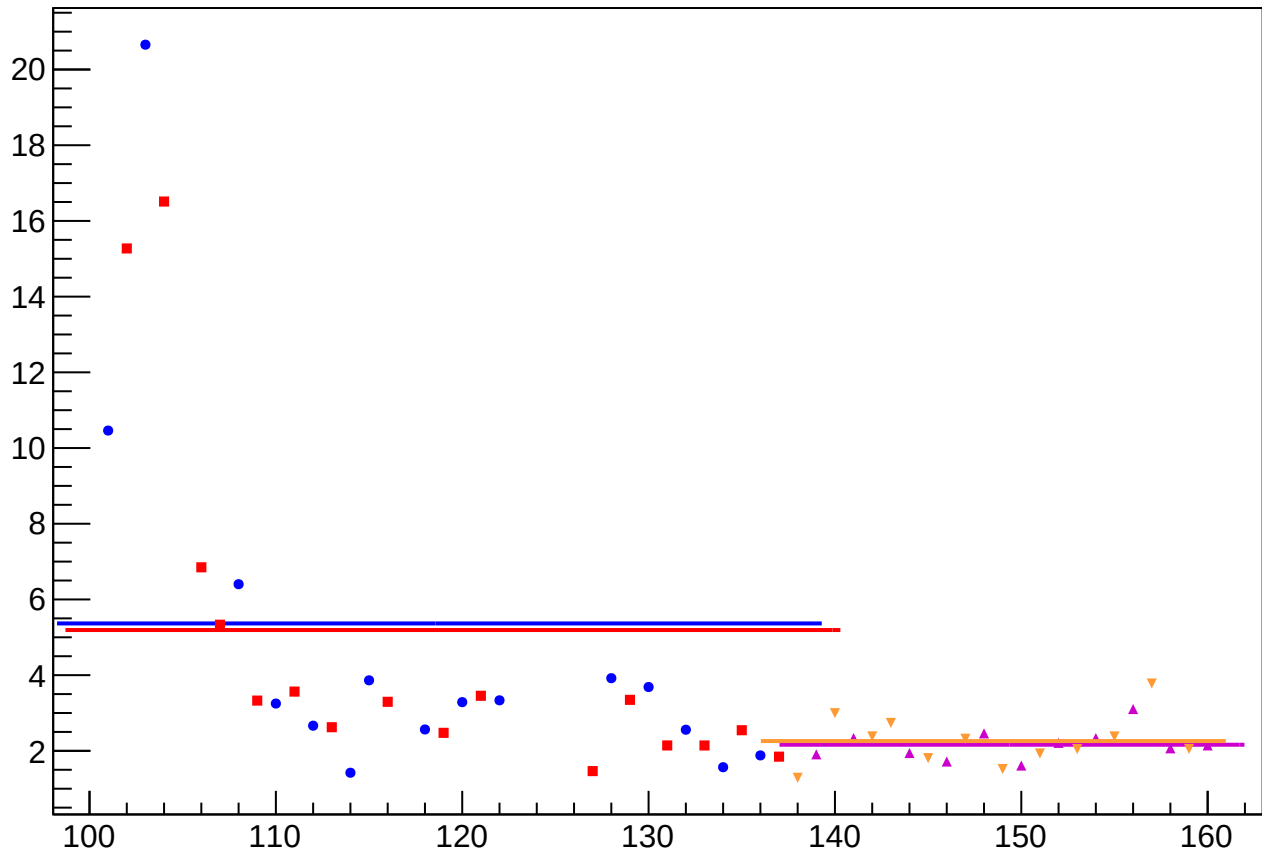
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.542+/-0.000 χ^2/NDF : 1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: 5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14

Left Out: 2.259 $\pm$ 0.000 χ^2 /NDF: 395399614951959116127821516242944.0/11

Right Out: 5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15

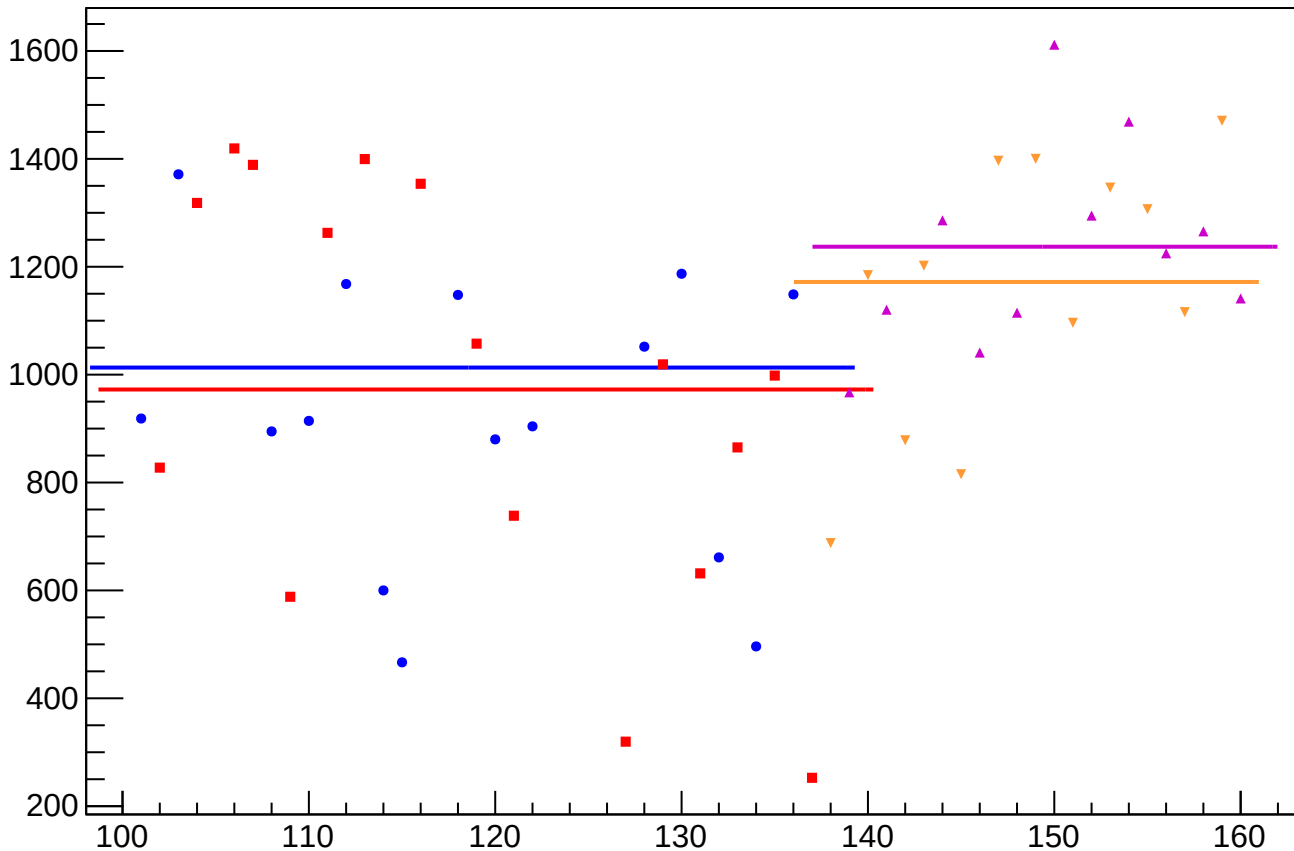
Left In: 2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10

+ sign 3.549 $\pm$ 0.000 χ^2 /NDF: 22840324830189286

All: 3.490 $\pm$ 0.000 χ^2 /NDF: 42296939077680

- sign 3.432 $\pm$ 0.000 χ^2 /NDF: 19445829920618957

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

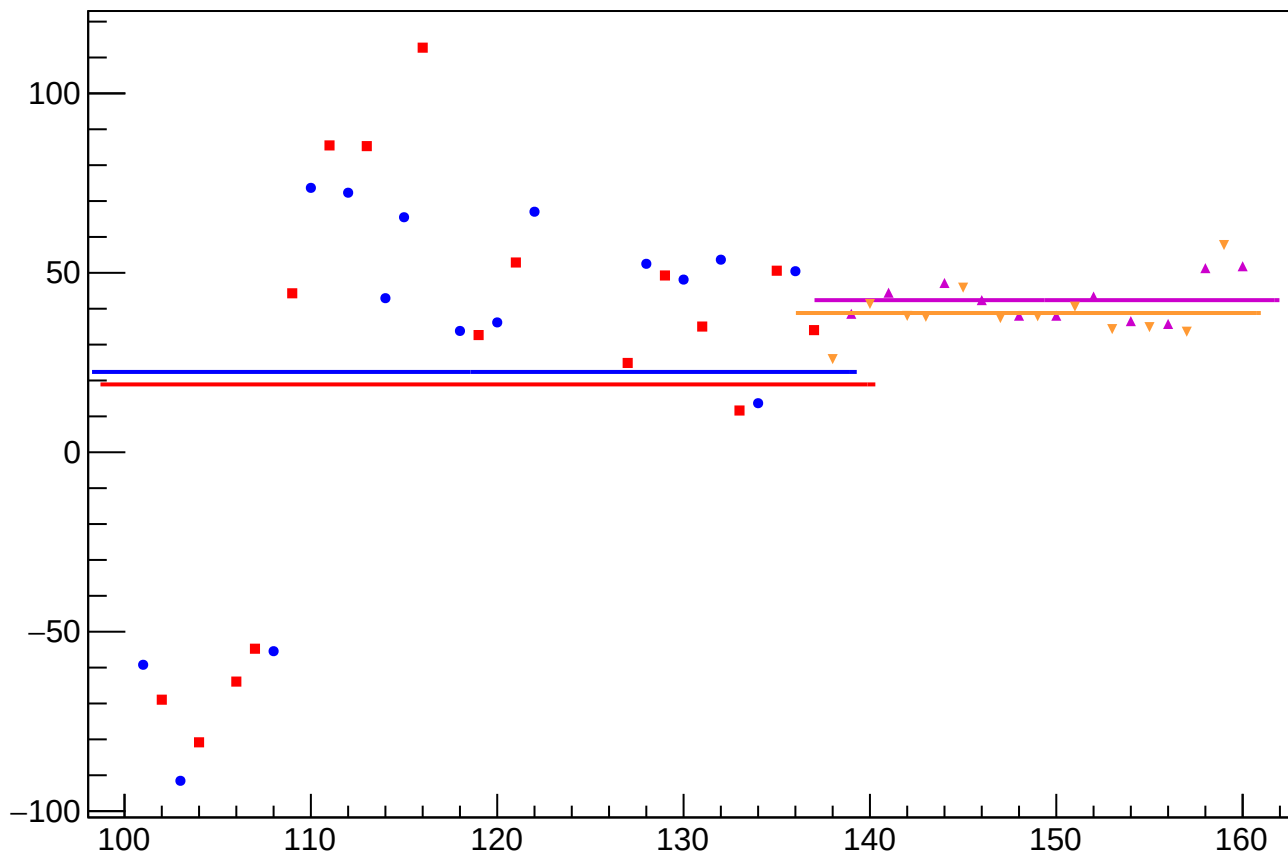
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 38.806+/-0.000 χ^2/NDF : 51649905292188588204172531766132736.0/11

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

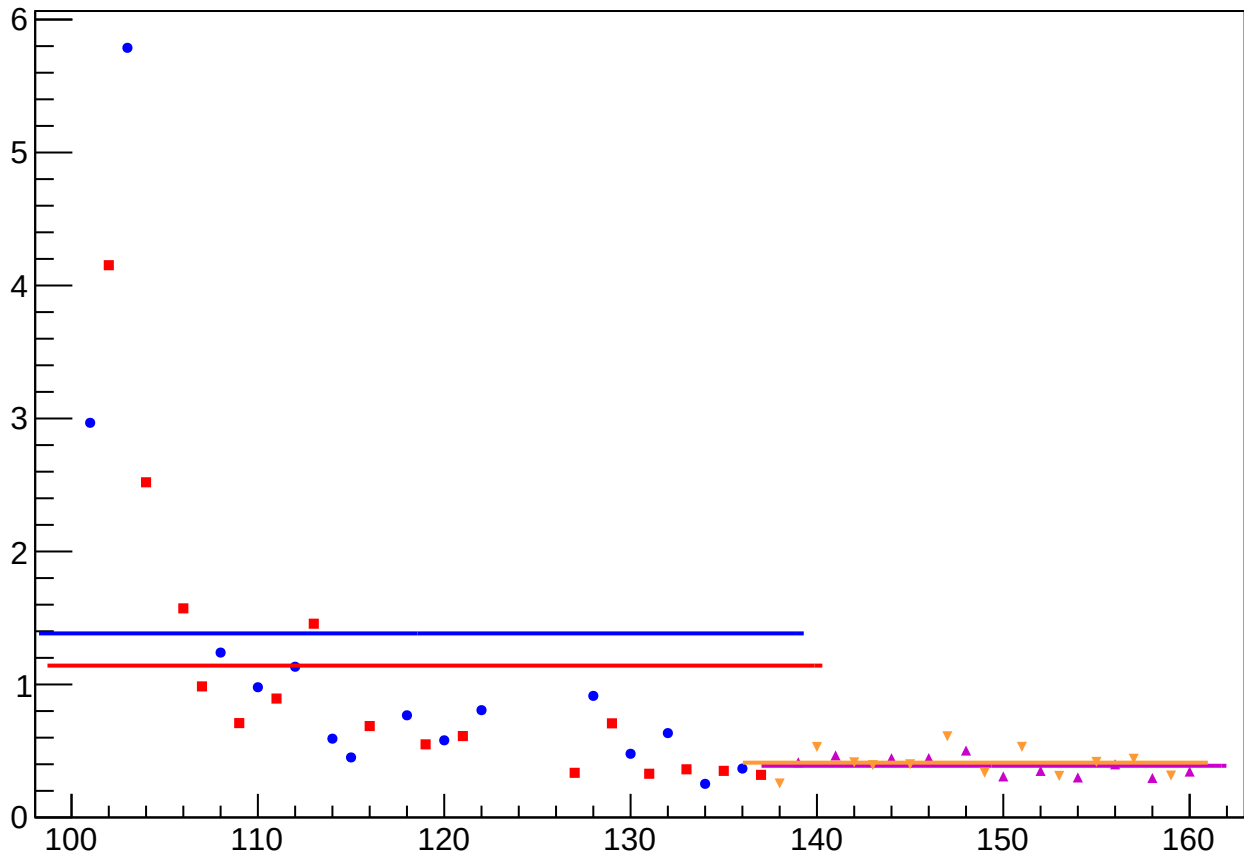
Left In: 42.386+/-0.000 χ^2/NDF : 26555660128562986553016927486214144.0/10

+ sign 31.987+/-0.000 χ^2/NDF : 2076251683338392

All: 32.268+/-0.000 χ^2/NDF : 4498818256205

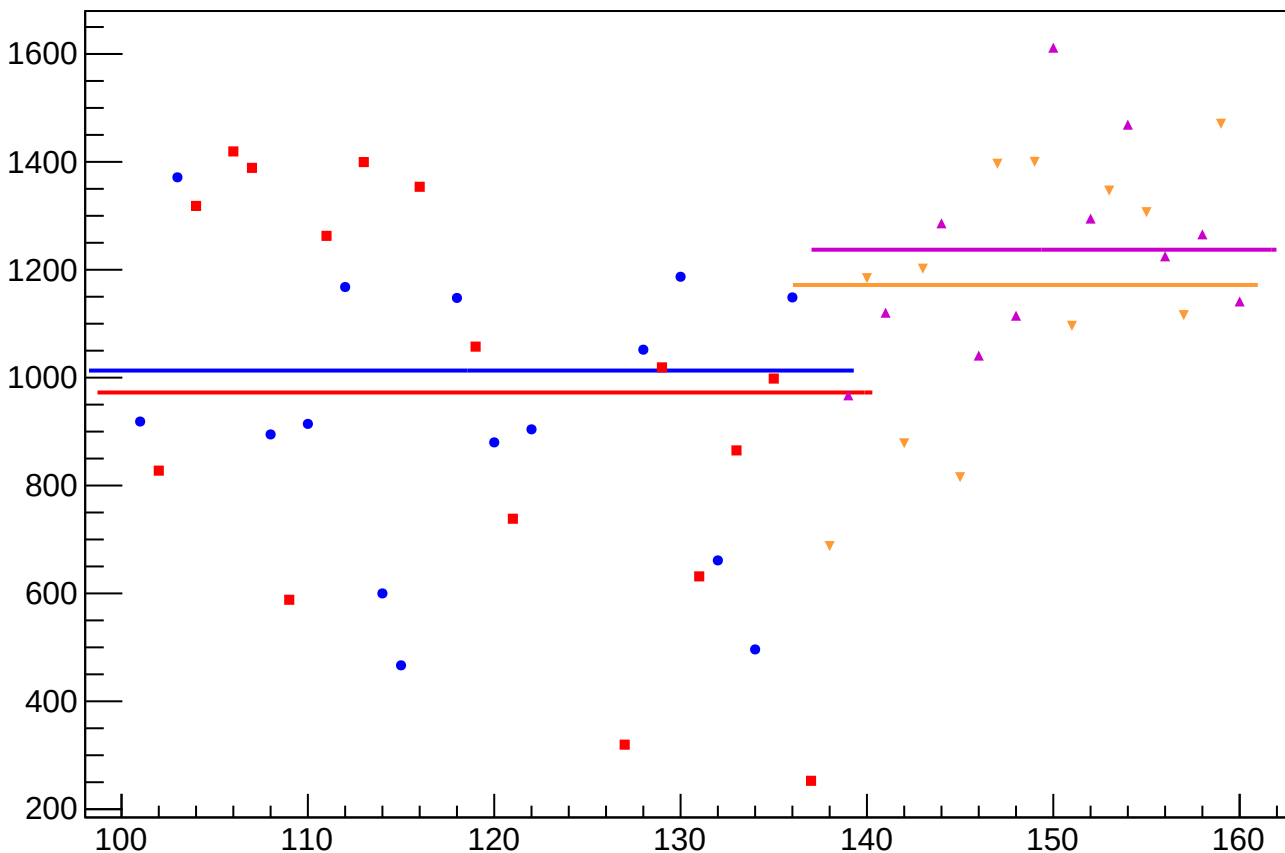
- sign 32.543+/-0.000 χ^2/NDF : 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.412 ± 0.000 χ^2/NDF : 9382414275472018674983467220992.0/11
 Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: 0.389 ± 0.000 χ^2/NDF : 4468112130112640641394154668032.0/10
 All: 0.760 ± 0.000 χ^2/NDF : 29836195057560
 + sign 0.816 ± 0.000 χ^2/NDF : 19389895341035378
 - sign 0.704 ± 0.000 χ^2/NDF : 10348725978885865

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

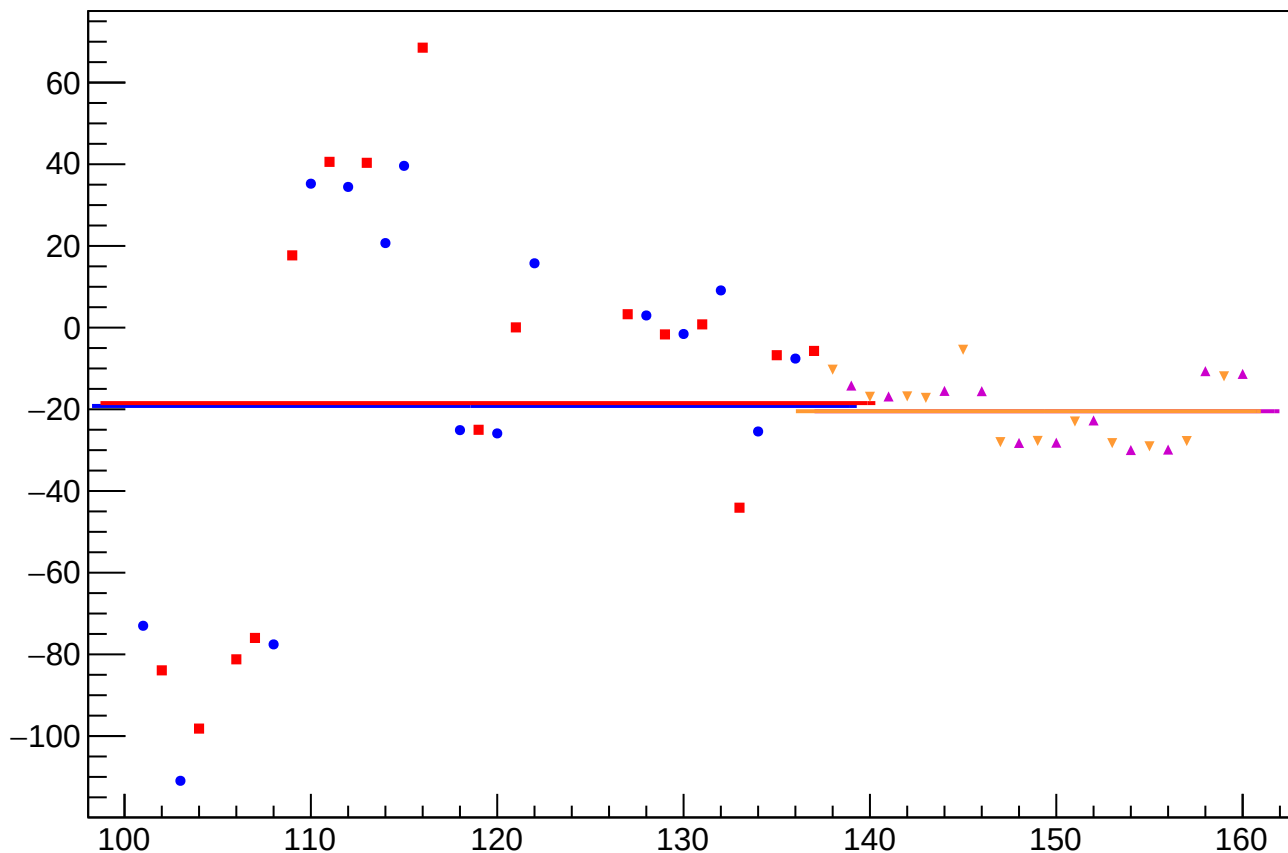
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$

Left Out: -20.466 ± 0.000 $\chi^2/\text{NDF}: 58628381923673457294433589512896512.0/11$

Right Out: -18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$

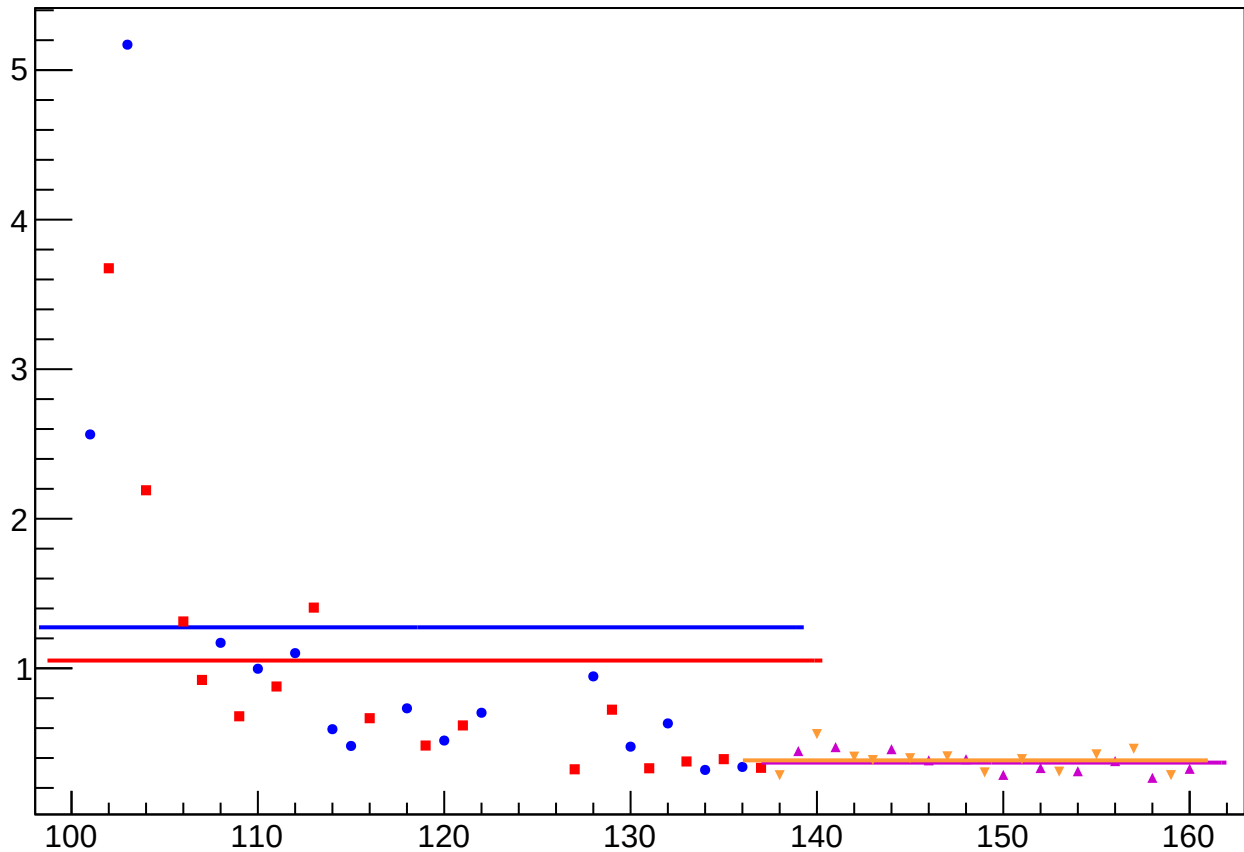
Left In: -20.473 ± 0.000 $\chi^2/\text{NDF}: 48484953363349820110348478937300992.0/10$

All: -19.782 ± 0.000 $\chi^2/\text{NDF}: 284511592850$

+ sign -19.930 ± 0.000 $\chi^2/\text{NDF}: 130562508565939$

- sign -19.637 ± 0.000 $\chi^2/\text{NDF}: 1539423306551337$

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.384 $\pm$ 0.000 χ^2 /NDF: 5822322029078598268260129439744.0/11

Right Out: 1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15

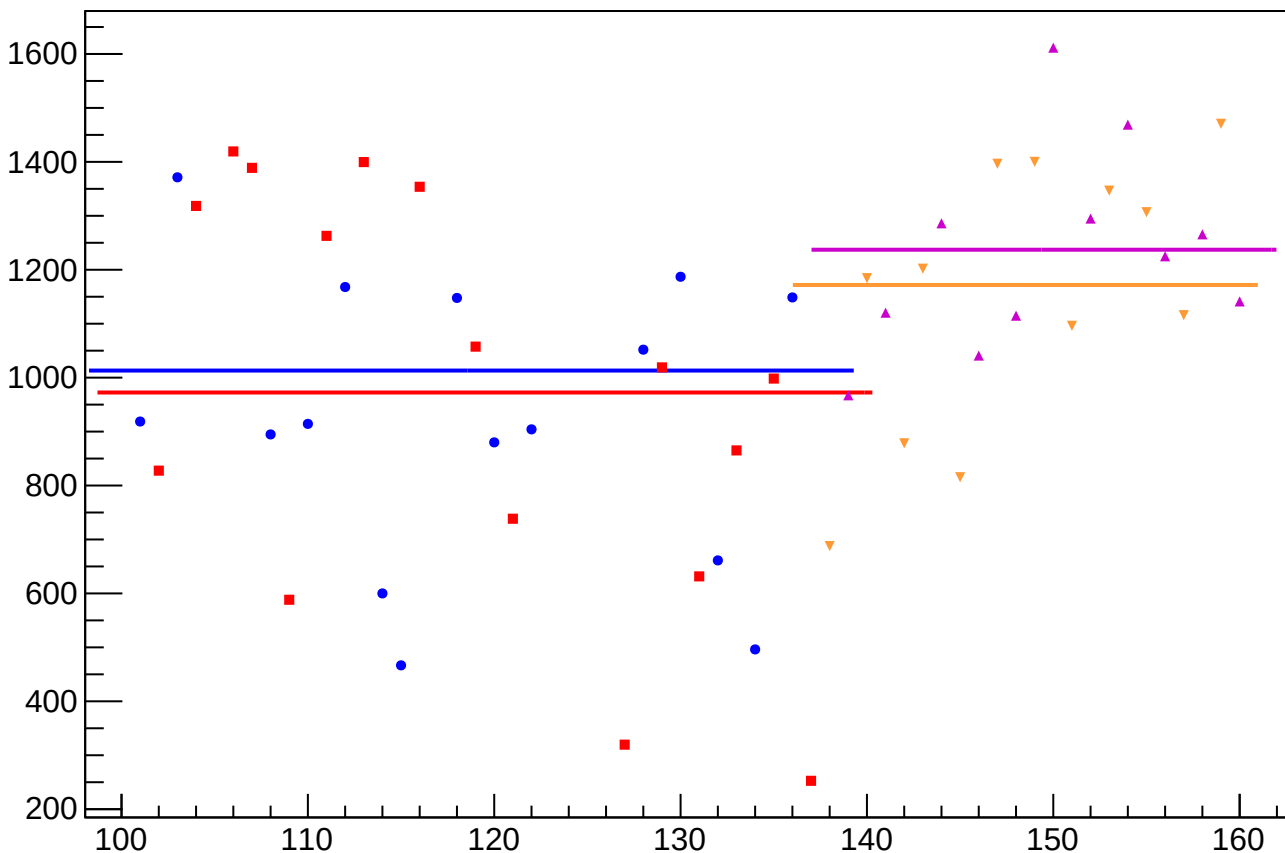
Left In: 0.369 $\pm$ 0.000 χ^2 /NDF: 4166350638848138676707816112128.0/10

+ sign 0.754 $\pm$ 0.000 χ^2 /NDF: 15182280868824468

All: 0.704 $\pm$ 0.000 χ^2 /NDF: 23177863612263

- sign 0.655 $\pm$ 0.000 χ^2 /NDF: 79193916268828881

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

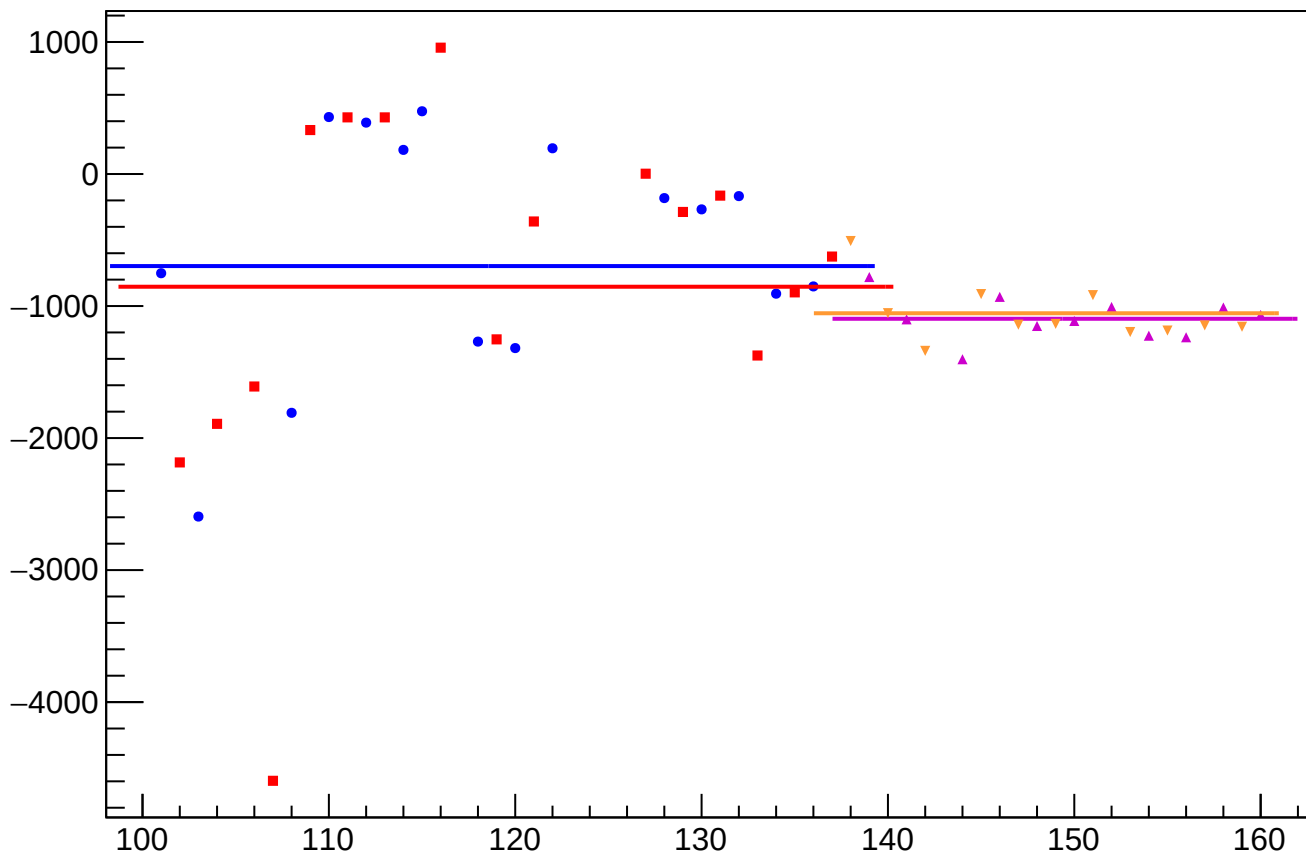
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1054.675+/-0.000 χ^2/NDF : 35893414561751289831028004535805149184.0/10

Right Out: -853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15

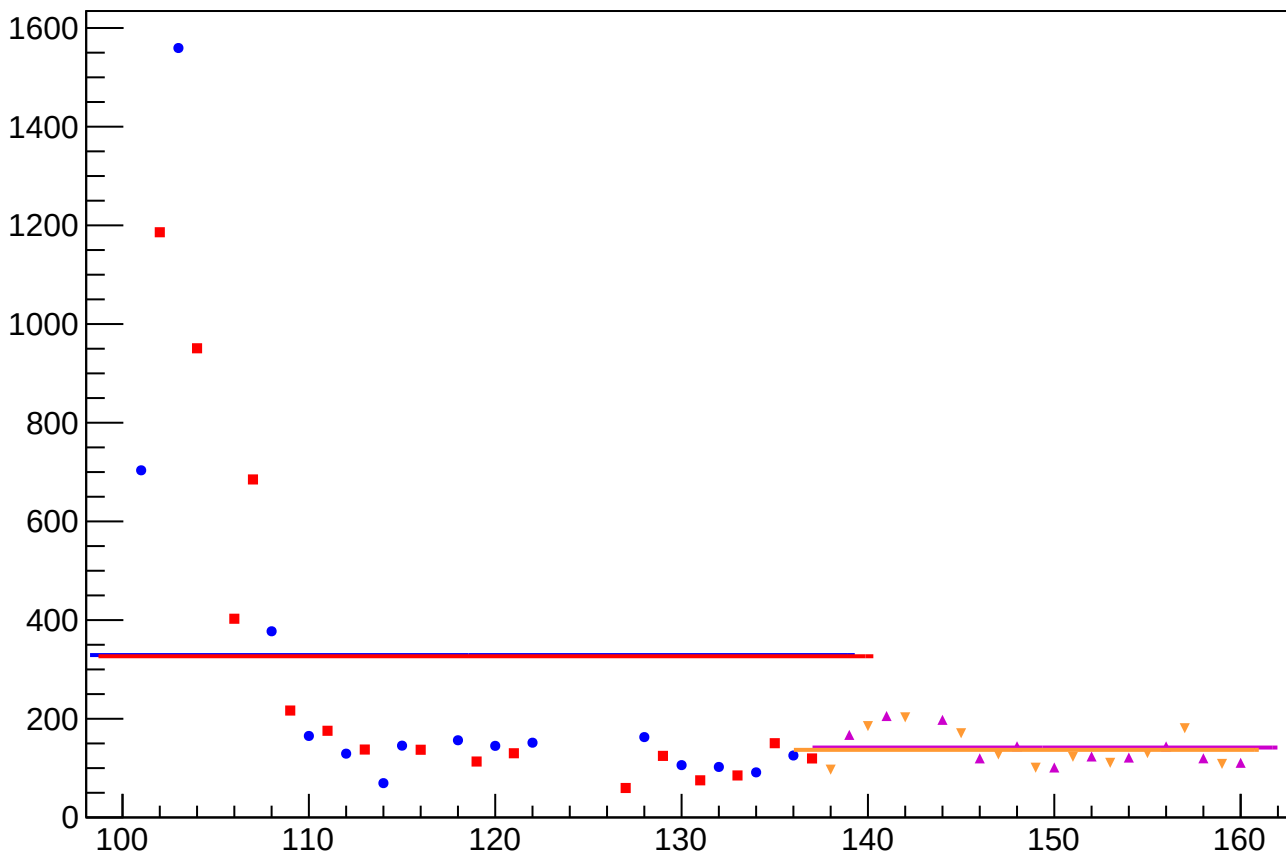
Left In: -1096.508+/-0.000 χ^2/NDF : 23397092464085092375008014674557927424.0/10

+ sign -899.630+/-0.000 χ^2/NDF : 57326318903301

All: -948.643+/-0.000 χ^2/NDF : 17048438468

- sign -994.729+/-0.000 χ^2/NDF : 112460764695899

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 137.012+/-0.000 χ^2/NDF : 1014362817438194132709655172622581760.0/10

Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

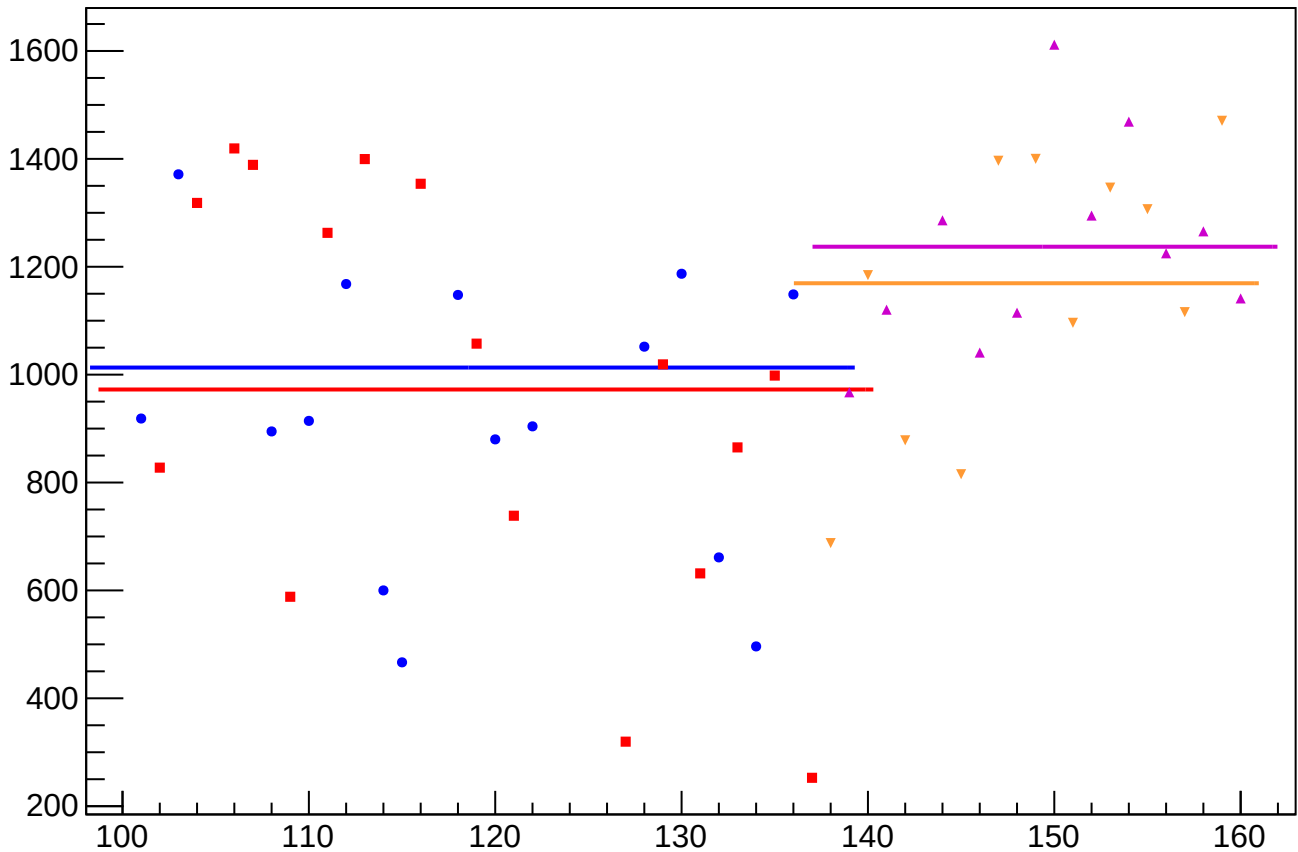
Left In: 141.688+/-0.000 χ^2/NDF : 1044882408057849194081424130600599552.0/10

+ sign 220.348+/-0.000 χ^2/NDF : 131437286987264

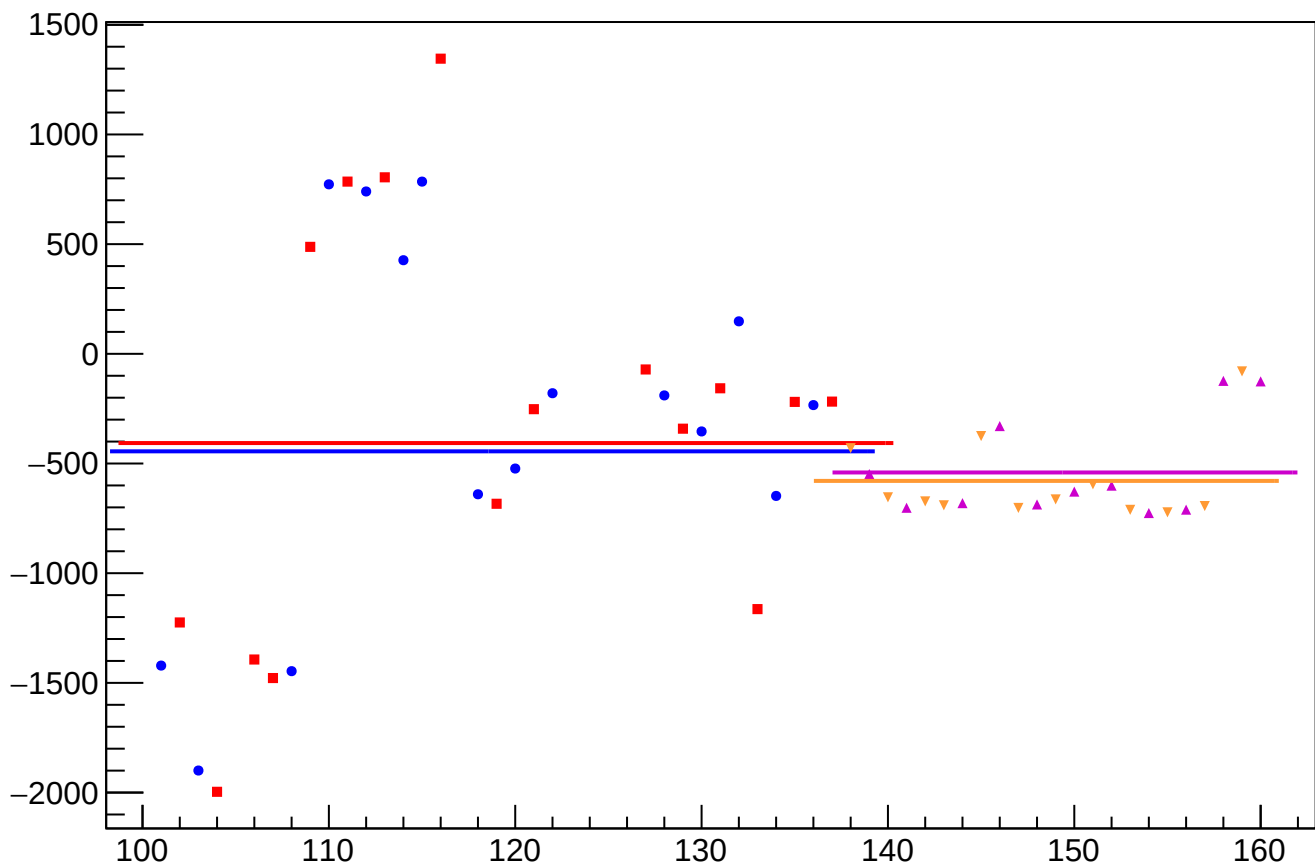
All: 219.782+/-0.000 χ^2/NDF : 233310972456

- sign 219.249+/-0.000 χ^2/NDF : 101872754009430

dit_usl_coil6_Ndata_mean vs Slug



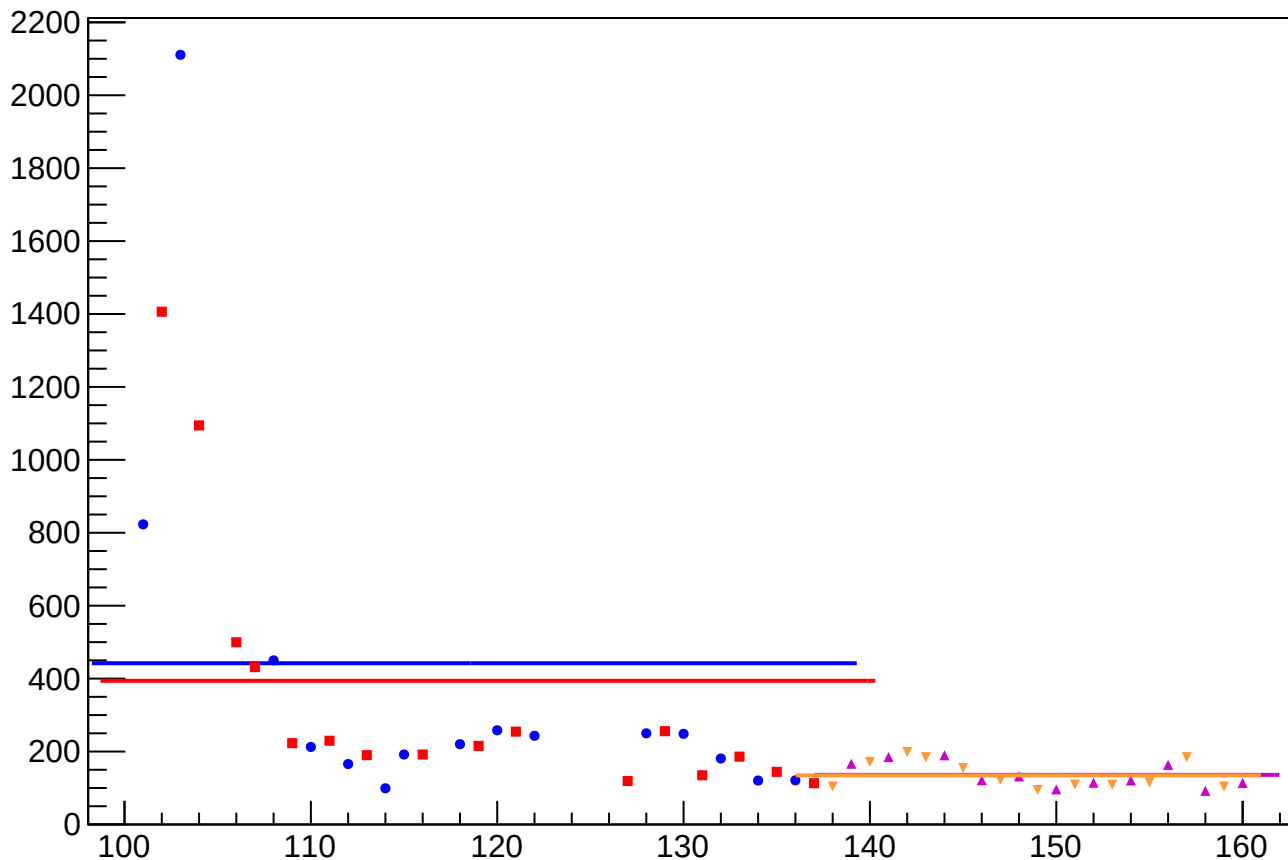
dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000	χ^2/NDF : 396481903501593703066535851229953654784.0/14
Left Out: -579.272+/-0.000	χ^2/NDF : 32584581524528860941595597407042666496.0/11
Right Out: -406.729+/-0.000	χ^2/NDF : 529122421866774810012941782239129108480.0/15
Left In: -540.842+/-0.000	χ^2/NDF : 42670193317497817911030367466366697472.0/10

+ sign -523.316+/-0.000 χ^2/NDF : 43595864947593
 All: -503.795+/-0.000 χ^2/NDF : 10158993354
 - sign -484.617+/-0.000 χ^2/NDF : 578759927131057

dit_usr_coil6_err_mean vs Slug



Right In: 442.162 $\pm$ 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 134.562 $\pm$ 0.000 χ^2/NDF : 1123122265403287497024317633834516480.0/11

Right Out: 394.033 $\pm$ 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

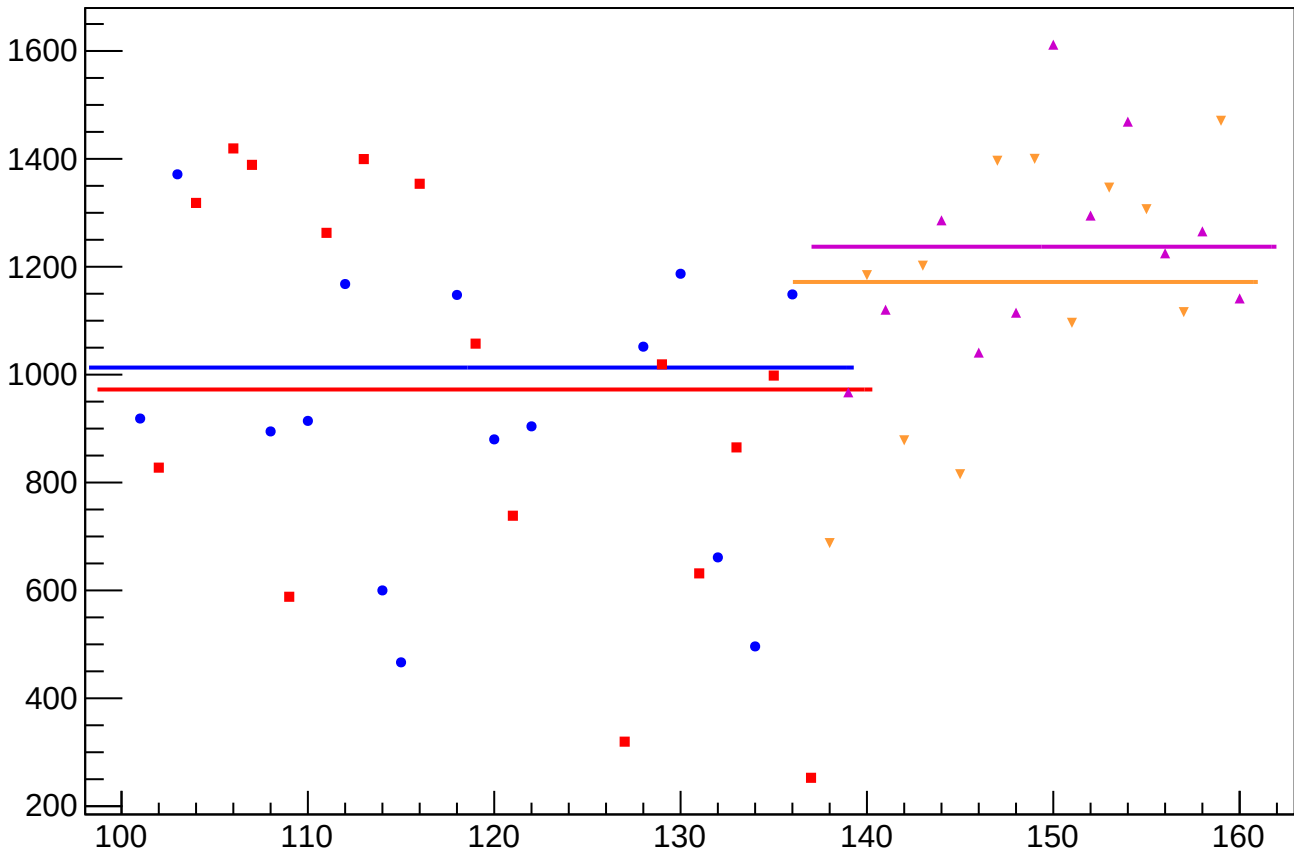
Left In: 136.040 $\pm$ 0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10

+ sign 262.286 $\pm$ 0.000 χ^2/NDF : 241048188566854

All: 253.162 $\pm$ 0.000 χ^2/NDF : 37398353308

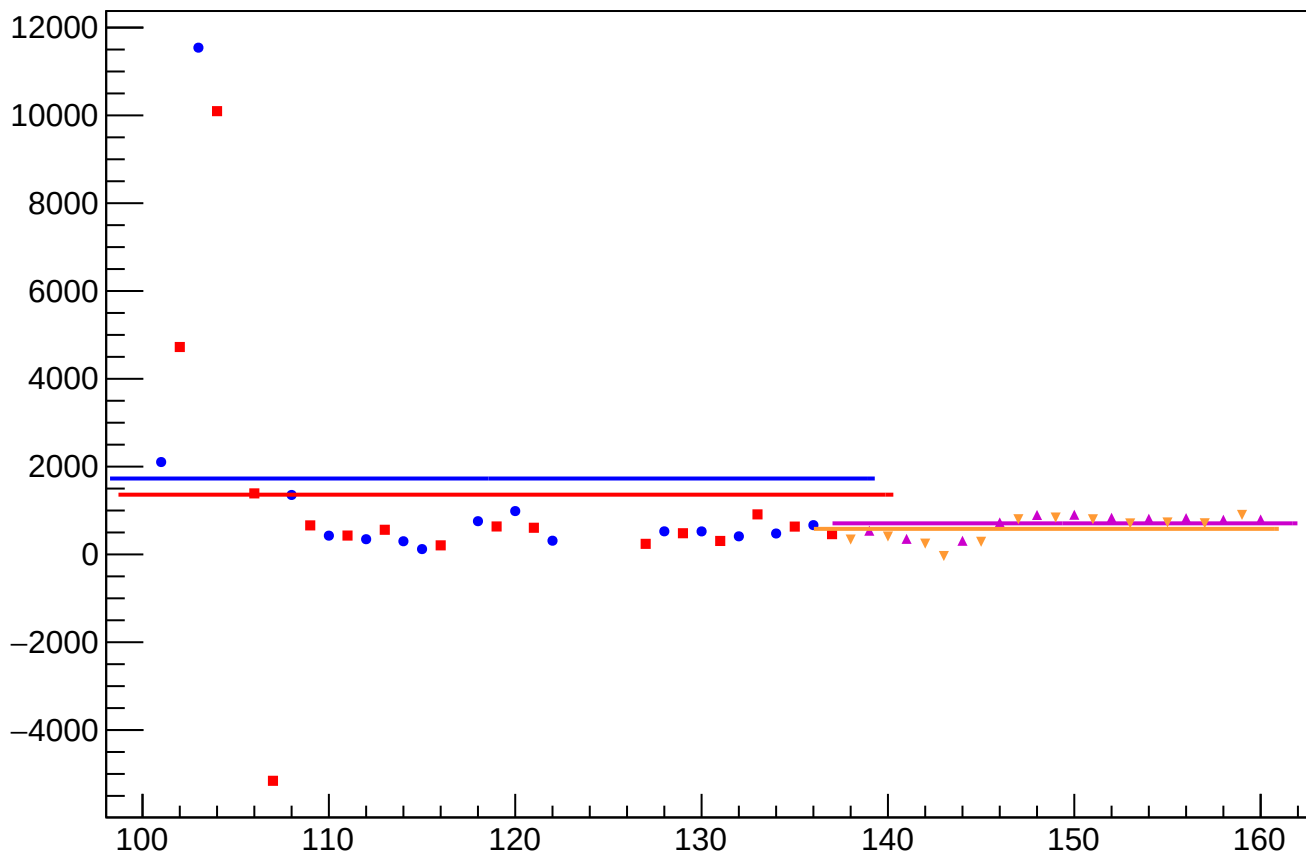
- sign 244.199 $\pm$ 0.000 χ^2/NDF : 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



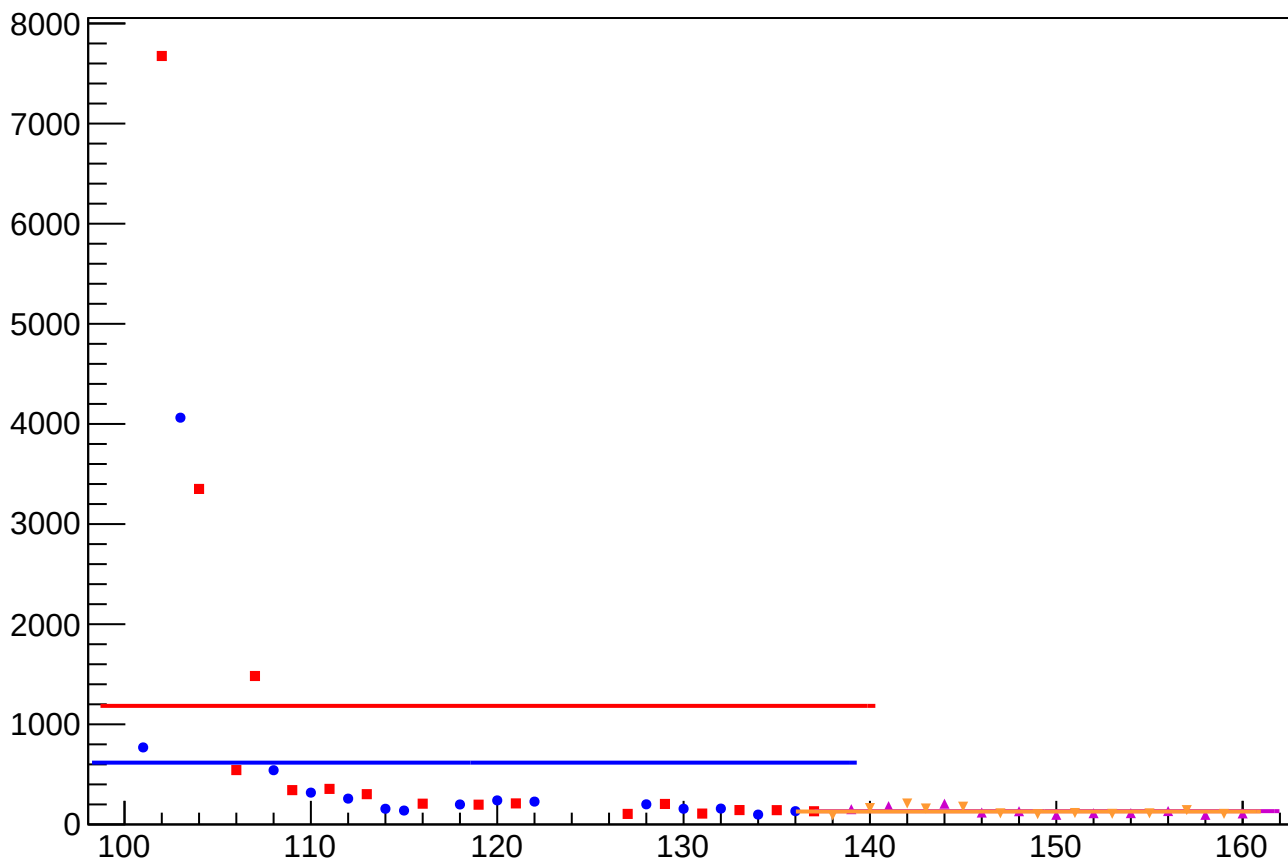
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_atl1_coil6_mean vs Slug



Right In: 1729.013 ± 0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 582.152 ± 0.000 χ^2/NDF : 70083772647831486125732989768801714176.0/11
 Right Out: 1360.914 ± 0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 707.889 ± 0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.339+/-0.000 χ^2/NDF : 987271298758703212489370439899938816.0/11

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

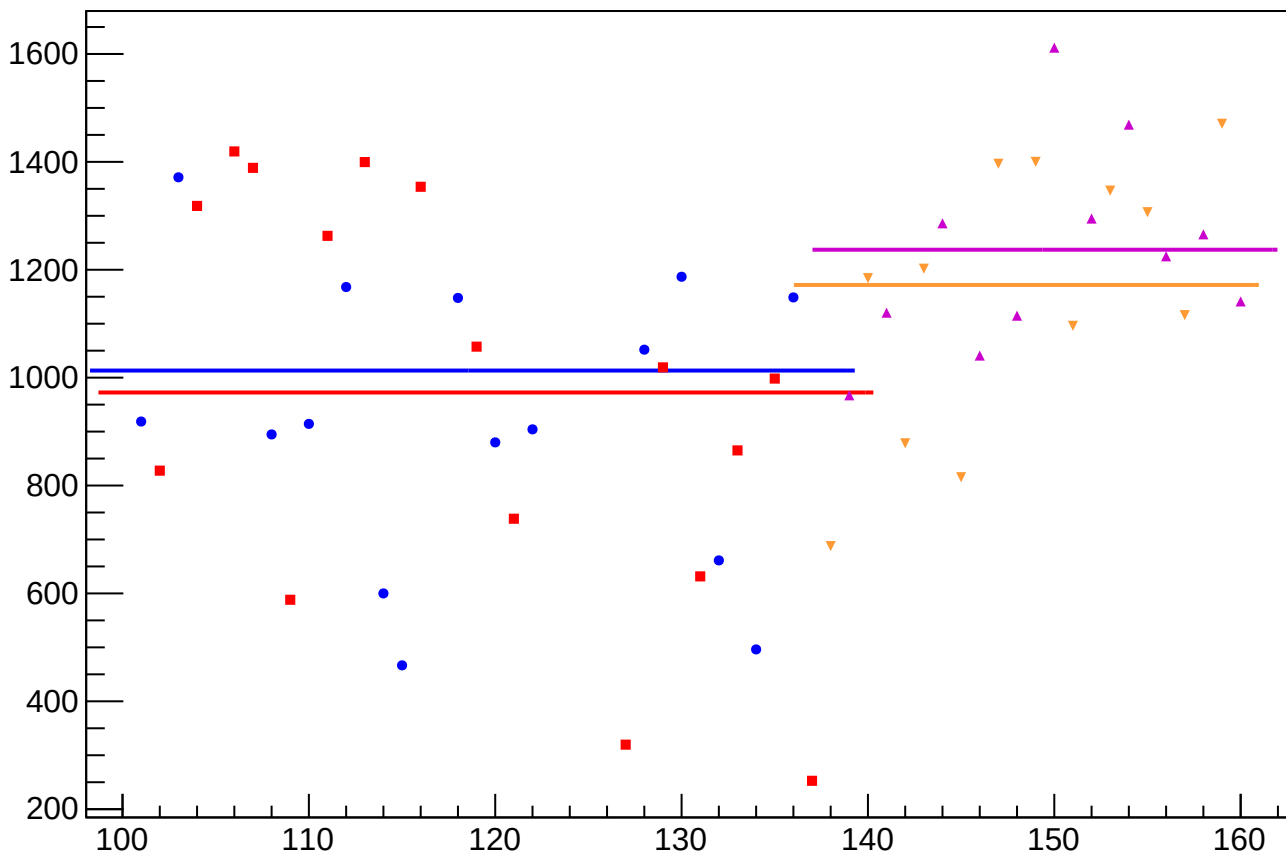
Left In: 132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10

+ sign 331.972+/-0.000 χ^2/NDF : 883734584018434

All: 453.895+/-0.000 χ^2/NDF : 452656903212

- sign 573.673+/-0.000 χ^2/NDF : 359677429953367

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

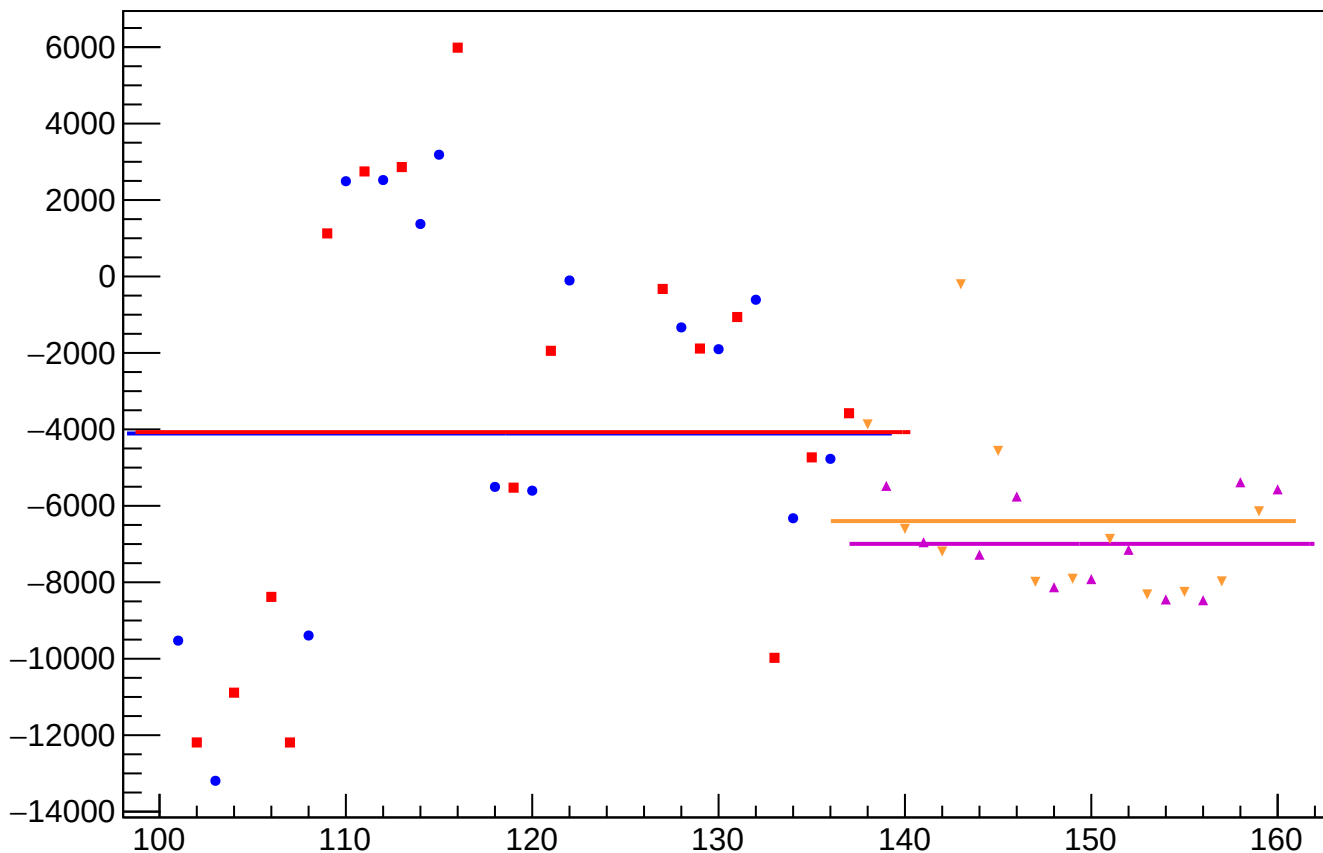
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atl2_coil6_mean vs Slug



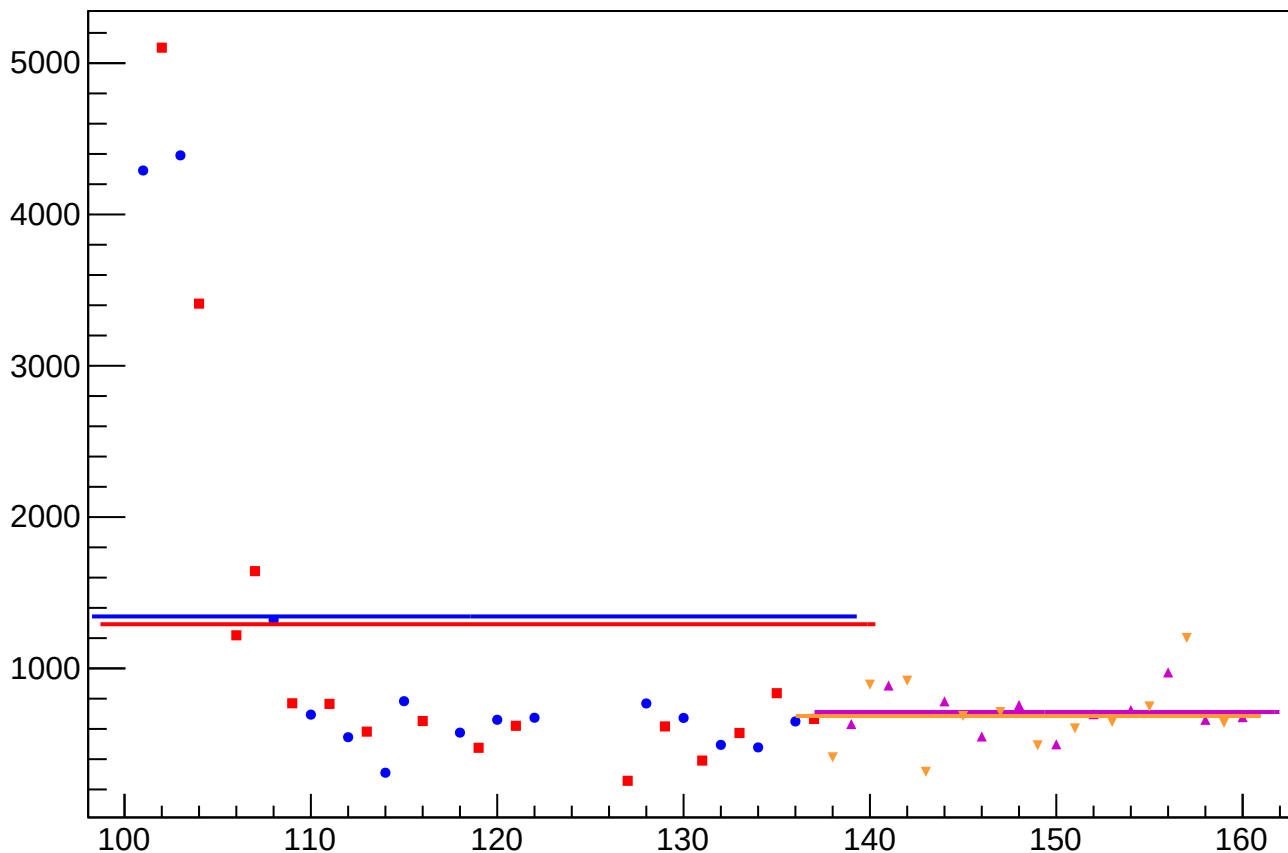
Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -6398.906+/-0.000	χ^2/NDF : 4560292812943761149136938286094472970240.0/11
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6994.812+/-0.000	χ^2/NDF : 1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF : 2108050211497

All: -5609.905+/-0.000 χ^2/NDF : 4607018672

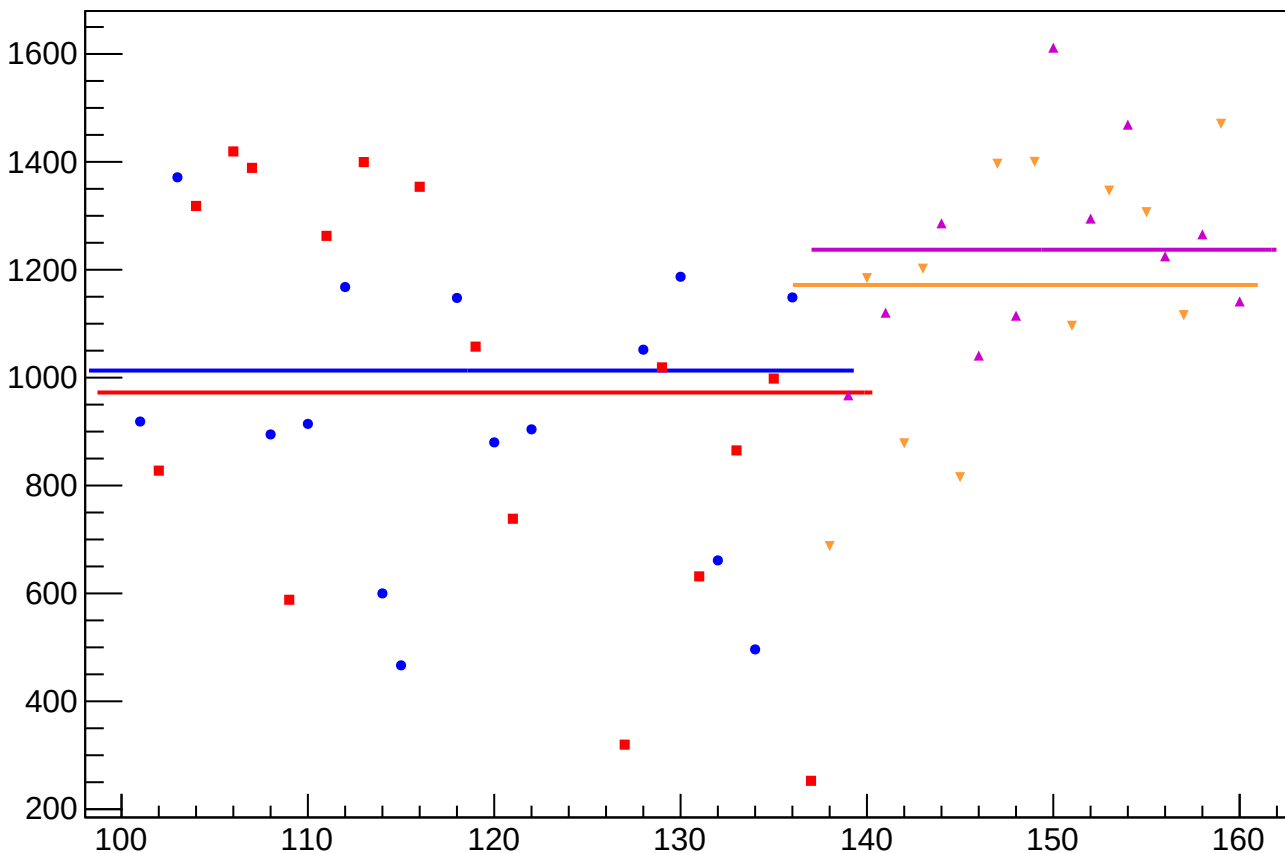
- sign -5769.523+/-0.000 χ^2/NDF : 24907888529528

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 685.307+/-0.000 χ^2/NDF : 46333249080985813233742212153458294784.0/11
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

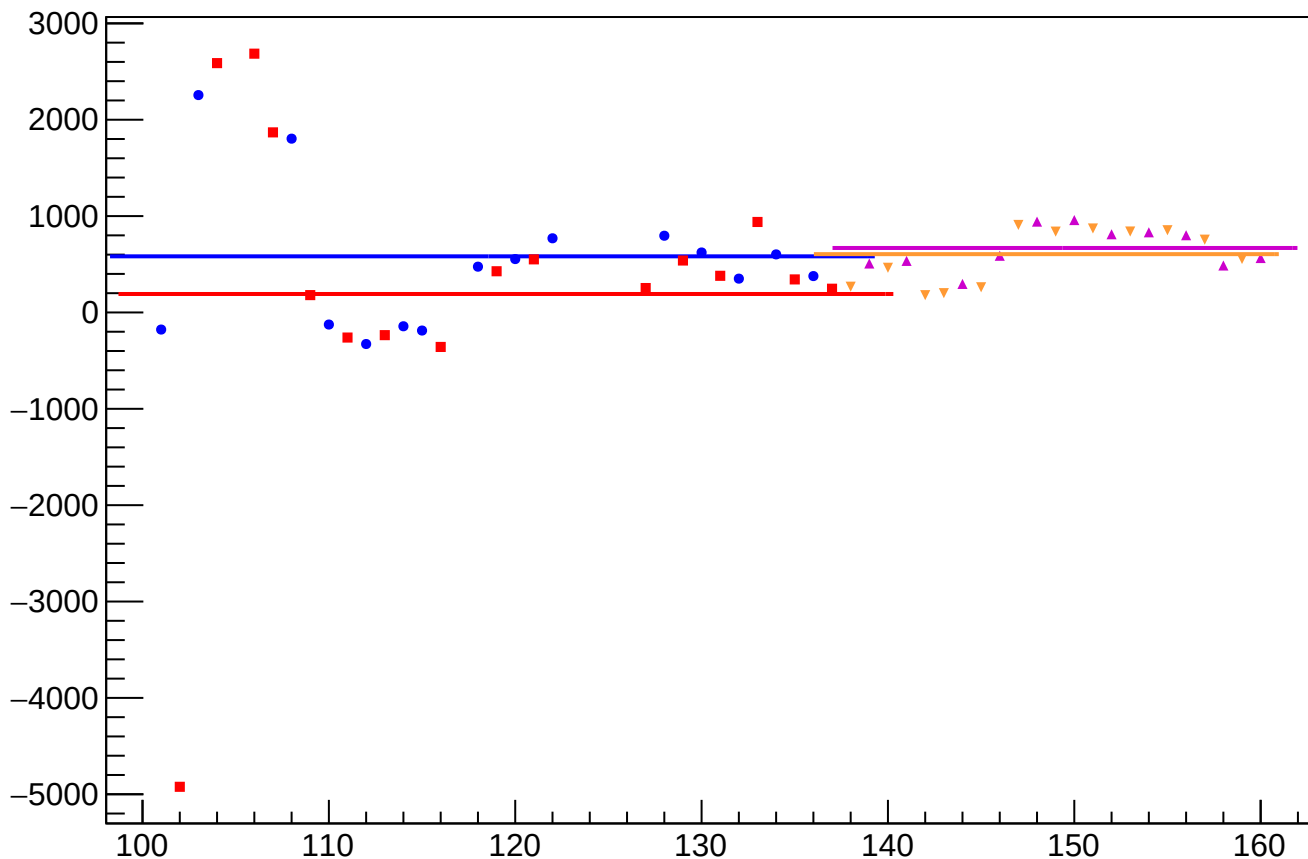
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 605.074+/-0.000 χ^2/NDF : 67912515245446196729937130882705915904.0/11

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 669.155+/-0.000 χ^2/NDF : 39481195240563617253842230522616479744.0/10

+ sign 595.655+/-0.000 χ^2/NDF : 406904373797989

All: 531.737+/-0.000 χ^2/NDF : 271615503925

- sign 468.943+/-0.000 χ^2/NDF : 229659160910176

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 142.333+/-0.000 χ^2/NDF : 699754234994212847043453967042347008.0/11

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

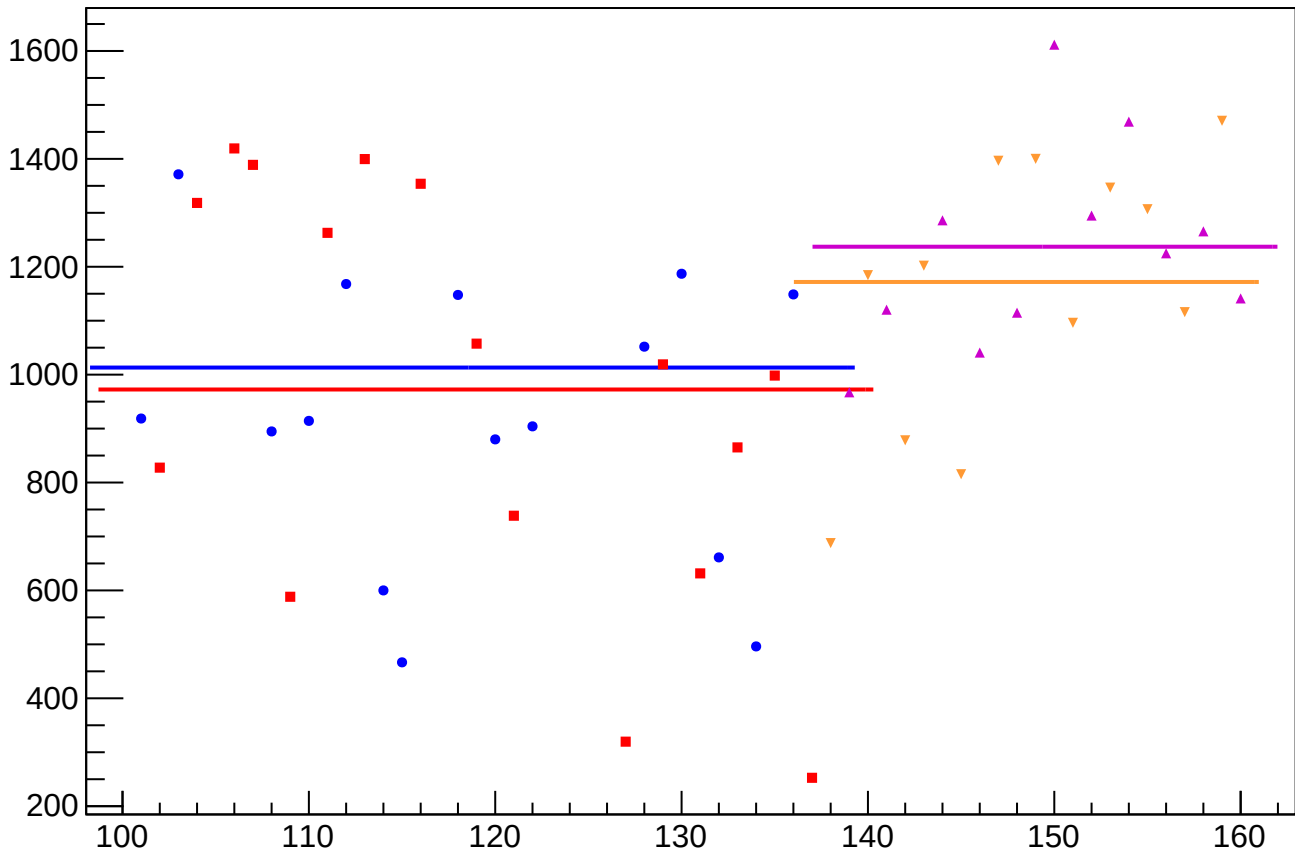
Left In: 145.502+/-0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10

+ sign 308.422+/-0.000 χ^2/NDF : 475799684039922

All: 375.901+/-0.000 χ^2/NDF : 32587788805

- sign 442.194+/-0.000 χ^2/NDF : 276887014570090

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

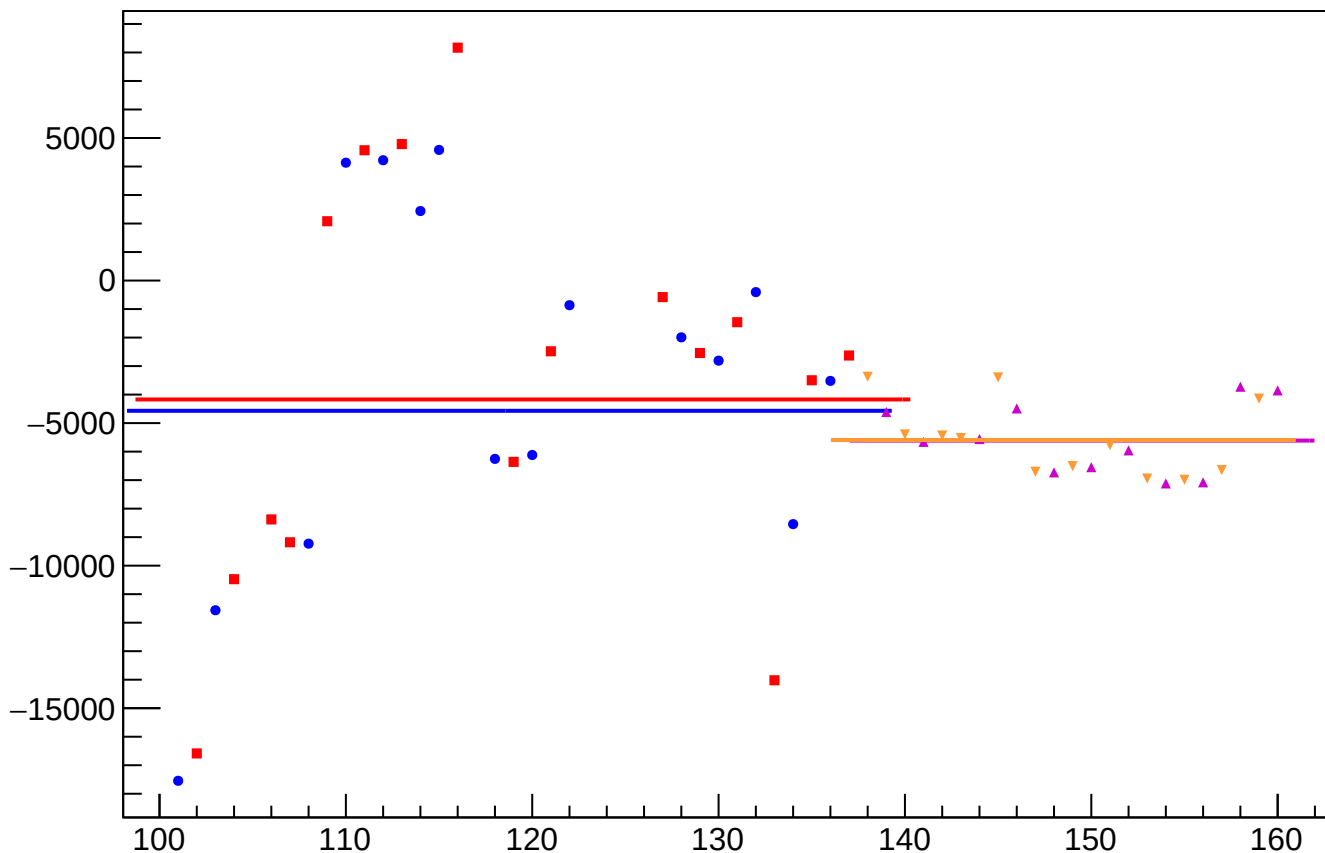
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

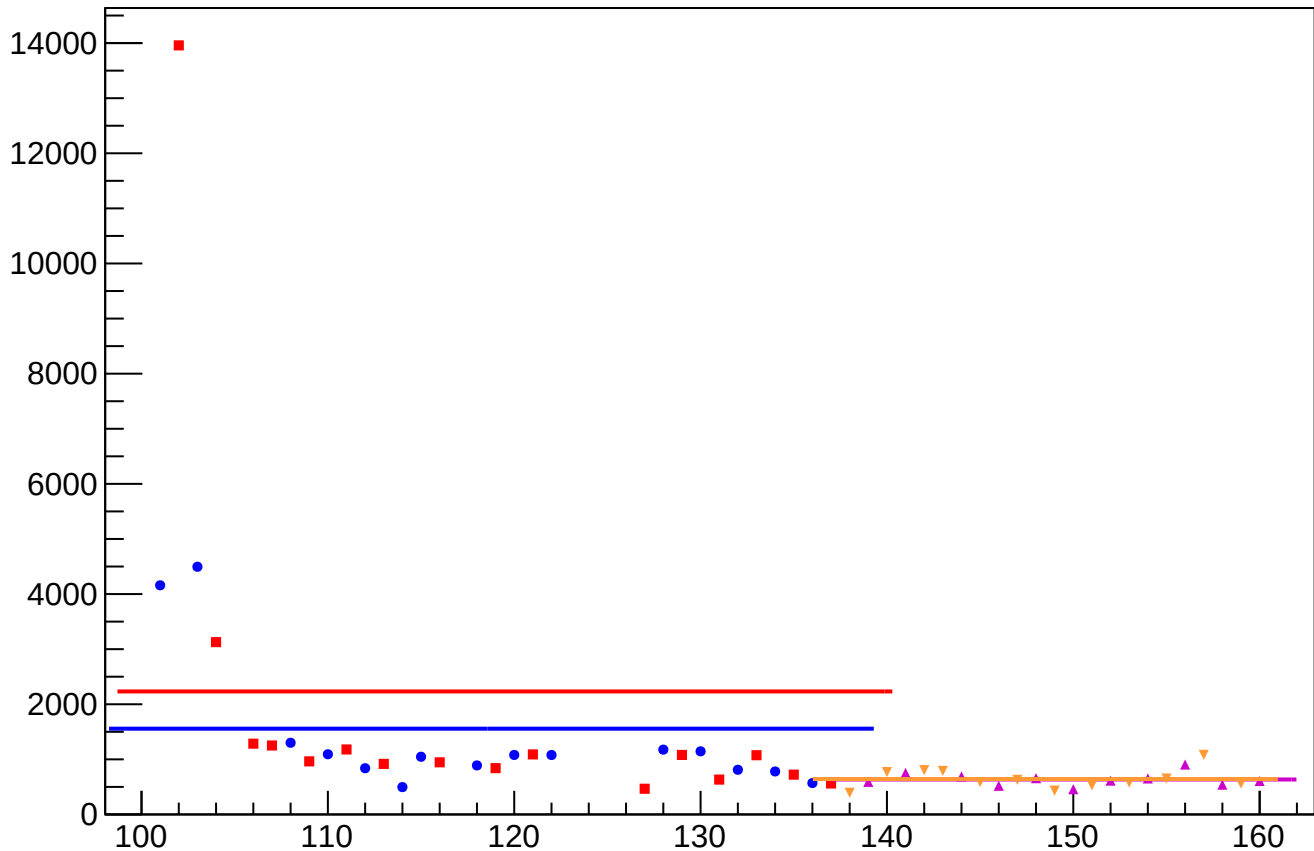
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5592.357+/-0.000	χ^2/NDF : 1502507998590915650067934753088681803776.0/11
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5613.024+/-0.000	χ^2/NDF : 1272210659936261957248133173503170969600.0/10

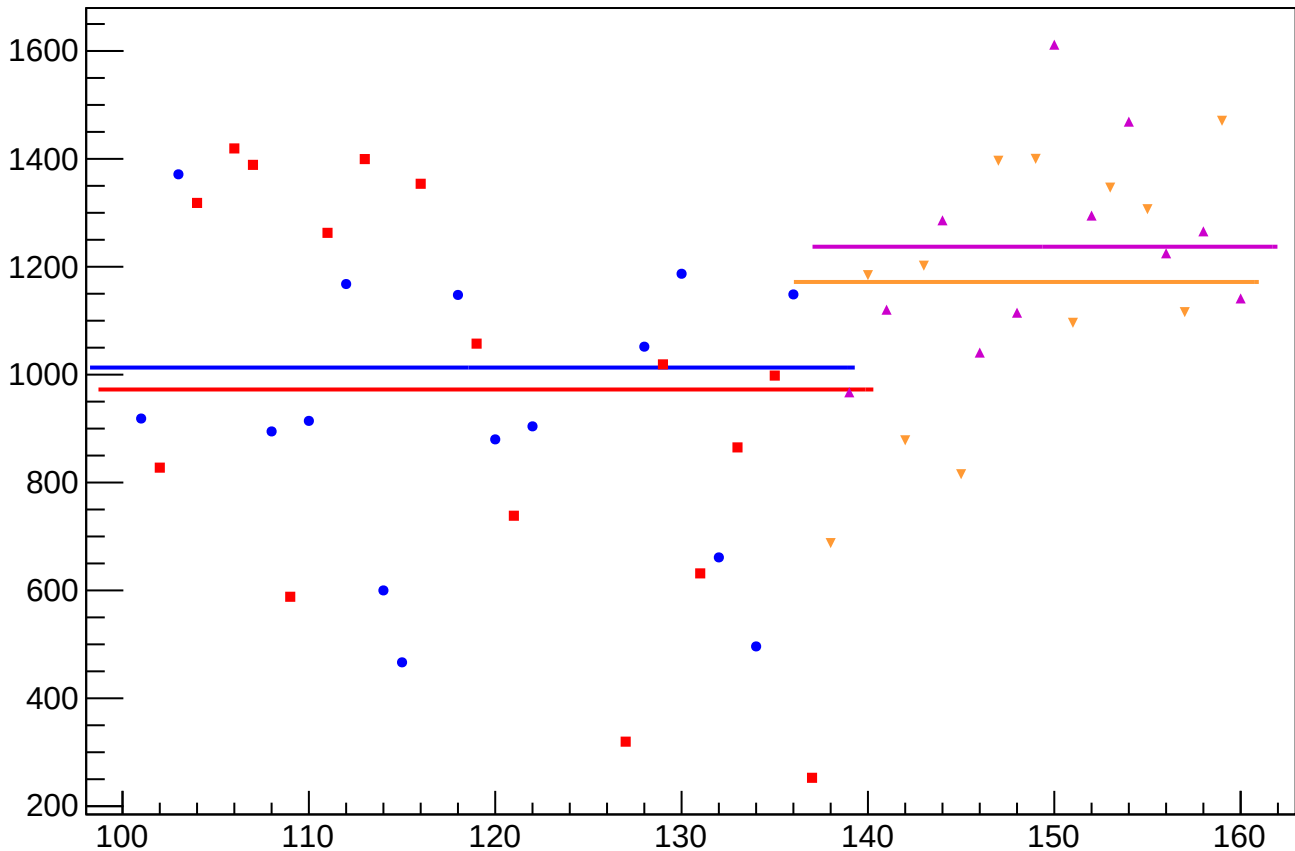
+ sign -5167.140+/-0.000 χ^2/NDF : 2609556026190
 All: -5087.057+/-0.000 χ^2/NDF : 5916065819
 - sign -5008.384+/-0.000 χ^2/NDF : 33045226744274

dit_atr2_coil6_err_mean vs Slug



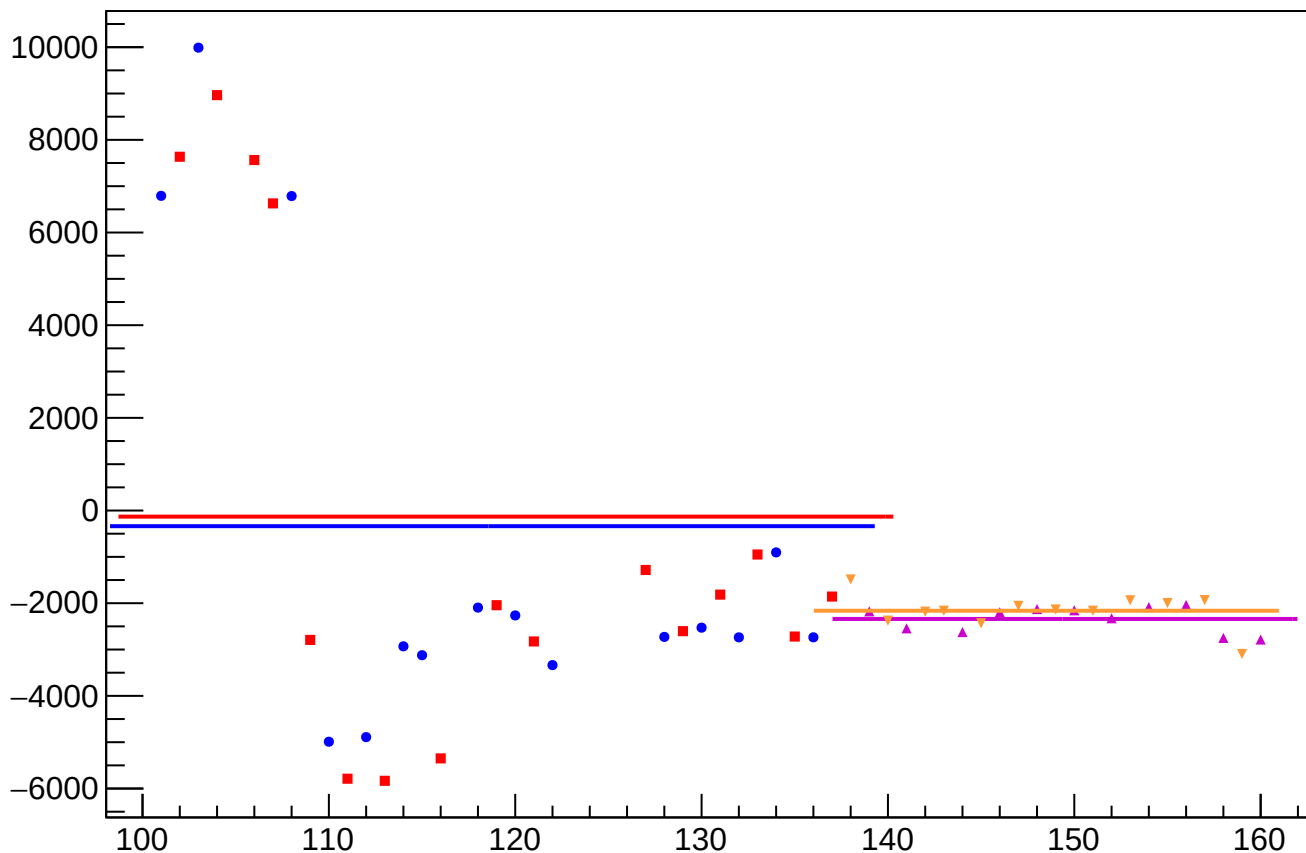
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 642.639+/-0.000 χ^2/NDF : 29931346030134316080818937490076336128.0/11
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 634.562+/-0.000 χ^2/NDF : 12308442809403031190669556314642841600.0/10
 All: 1164.597+/-0.000 χ^2/NDF : 11541094593
 + sign 1022.208+/-0.000 χ^2/NDF : 14864291079277
 - sign 1304.479+/-0.000 χ^2/NDF : 99918451960380

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1105.927+/-0.000	χ^2/NDF : 93699894673441
Left Out: 1171.807+/-0.000	χ^2/NDF : 52424901282098583856312492577037221888.0/11	All: 1116.146+/-0.000	χ^2/NDF : 23037003763
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1126.185+/-0.000	χ^2/NDF : 13634656733460
Left In: 1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10		

dit_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$

Left Out: -2162.857 ± 0.000 $\chi^2/\text{NDF}: 126332275232930257638482620391759020032.0/11$

Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$

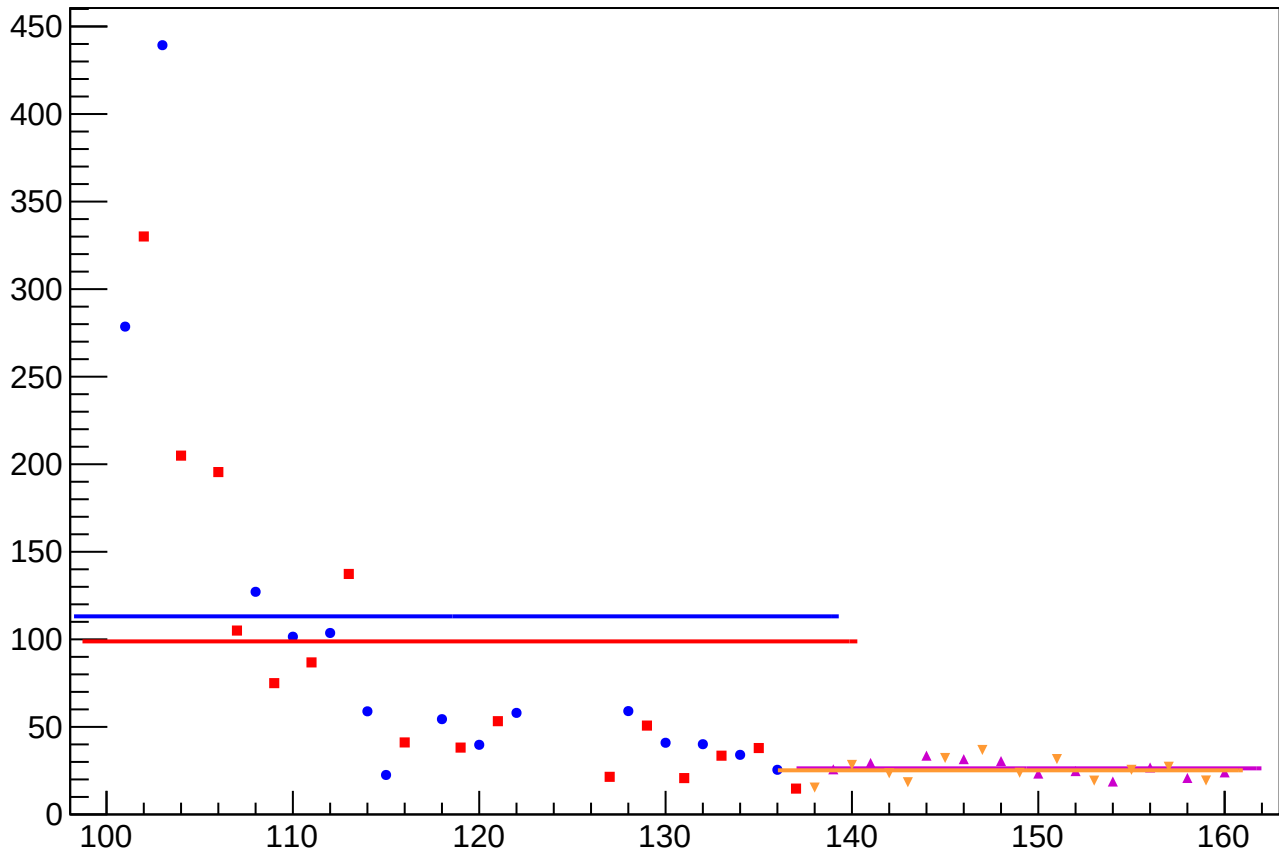
Left In: -2339.639 ± 0.000 $\chi^2/\text{NDF}: 62860144247456957543810906284181422080.0/10$

+ sign -1405.071 ± 0.000 $\chi^2/\text{NDF}: 1654286779746$

All: -1409.541 ± 0.000 $\chi^2/\text{NDF}: 3496770485$

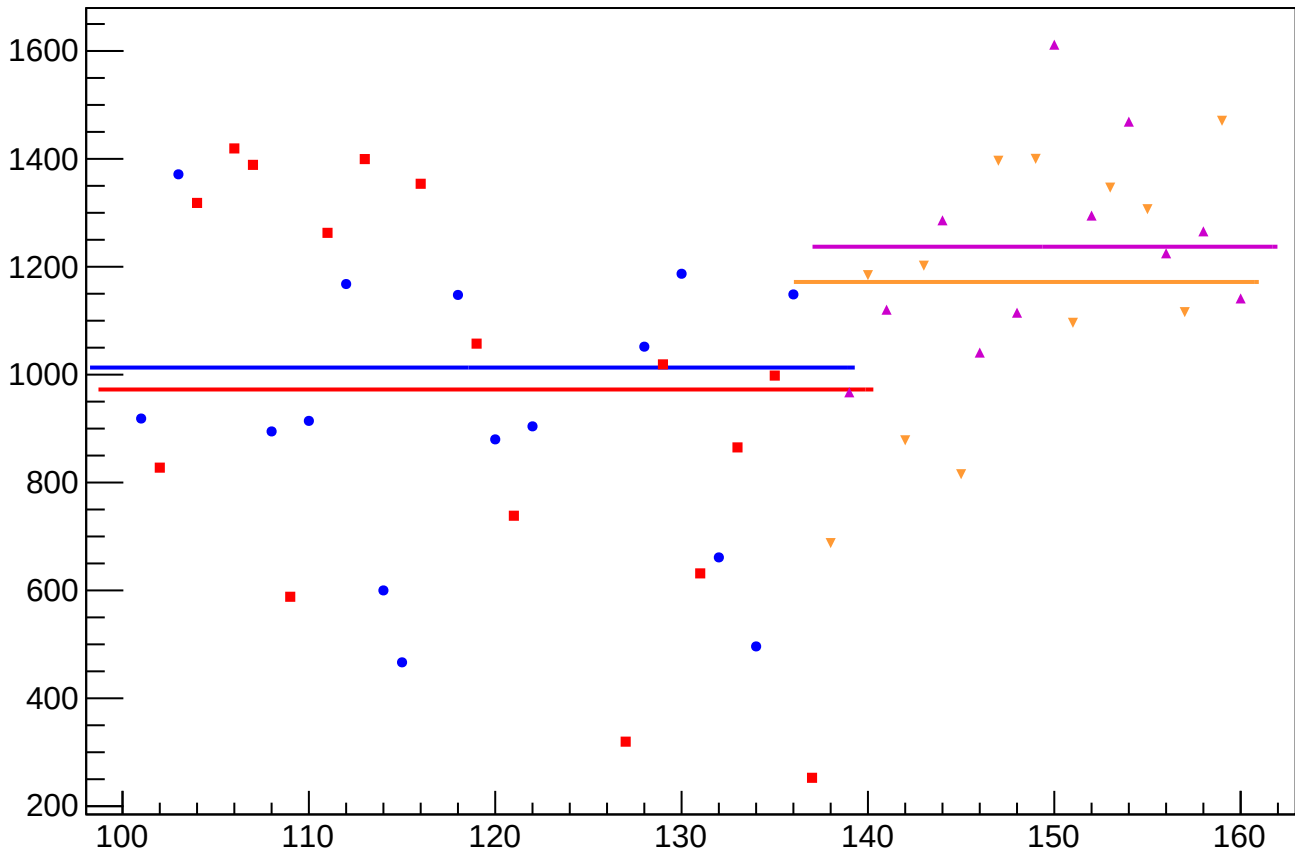
- sign -1413.933 ± 0.000 $\chi^2/\text{NDF}: 18424775138160$

dit_sam1_coil6_err_mean vs Slug



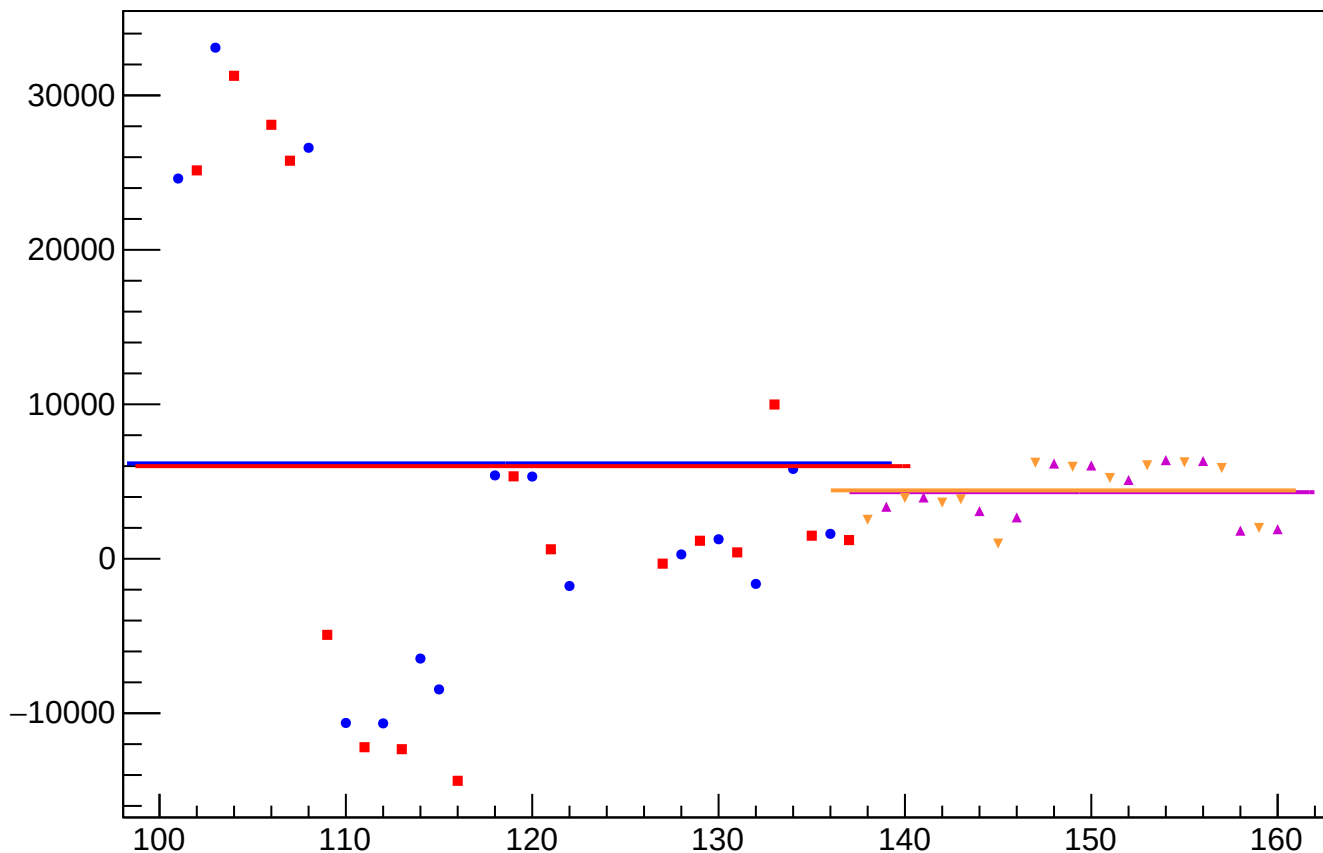
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.204+/-0.000 χ^2/NDF : 35340998729966912863138320392126464.0/11
 Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: 26.331+/-0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



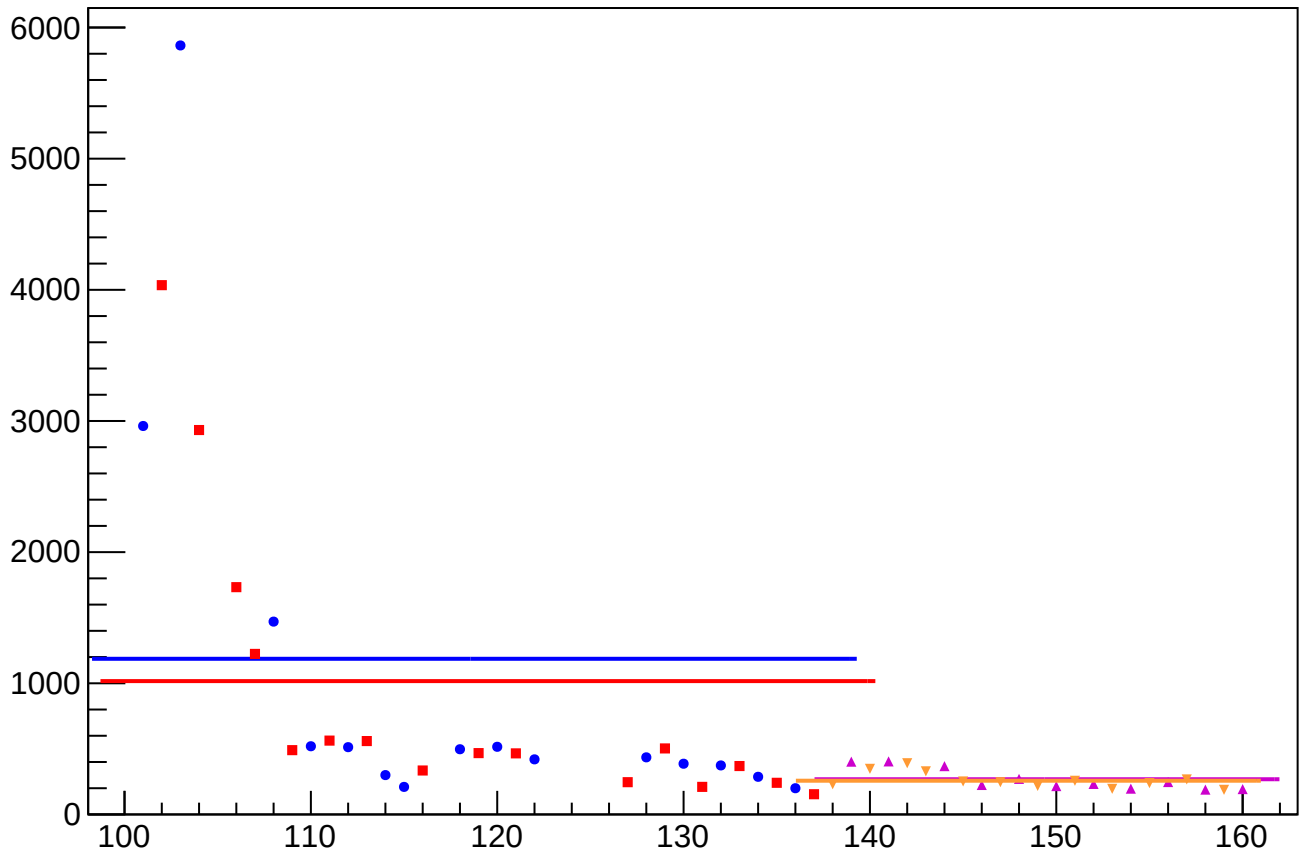
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807 $\pm$ 0.000 χ^2 /NDF: 52424901282098583856312492577037221888.0/11
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1237.150 $\pm$ 0.000 χ^2 /NDF: 30323445843993737164691986740223672320.0/10

dit_sam2_coil6_mean vs Slug



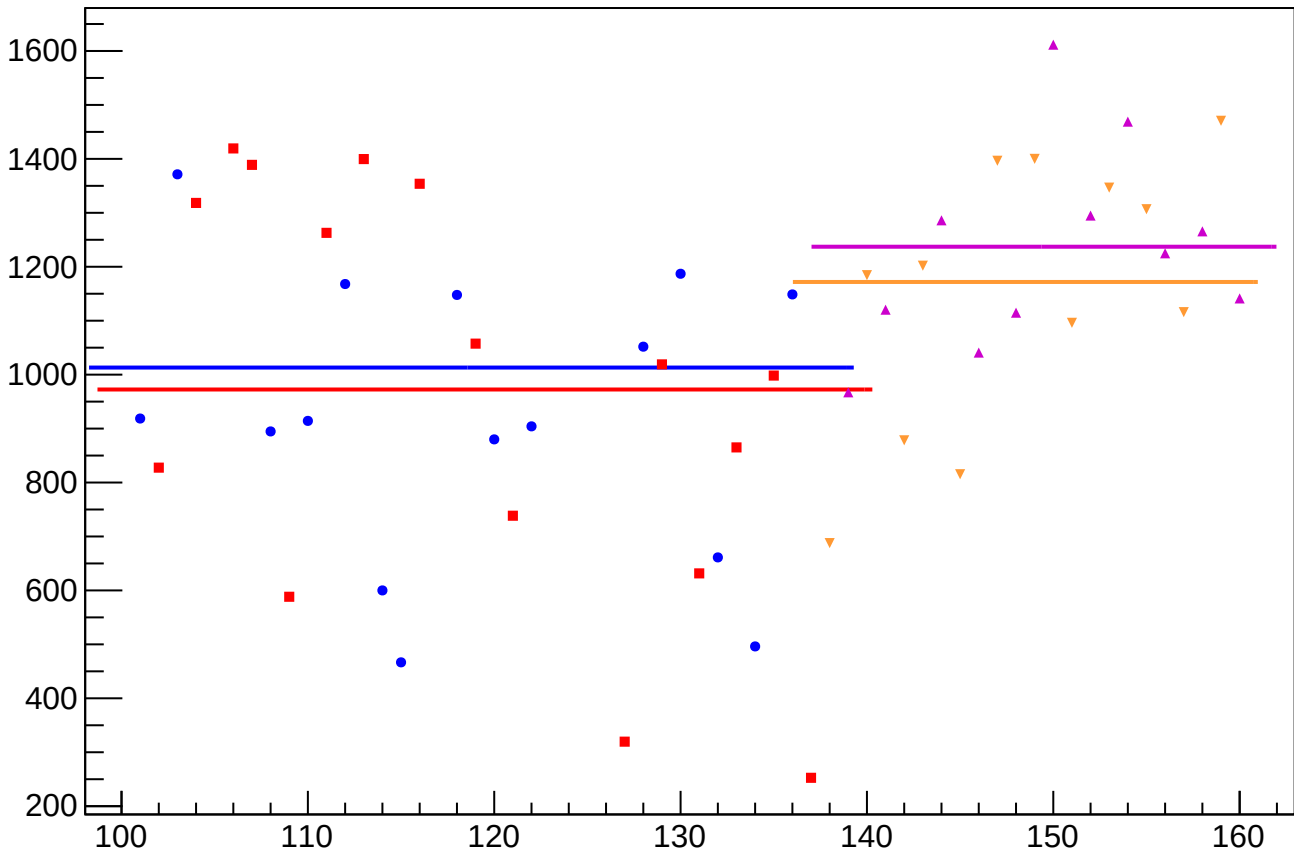
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4428.101+/-0.000 χ^2/NDF : 2900138976874387724183278190835470958592.0/11
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



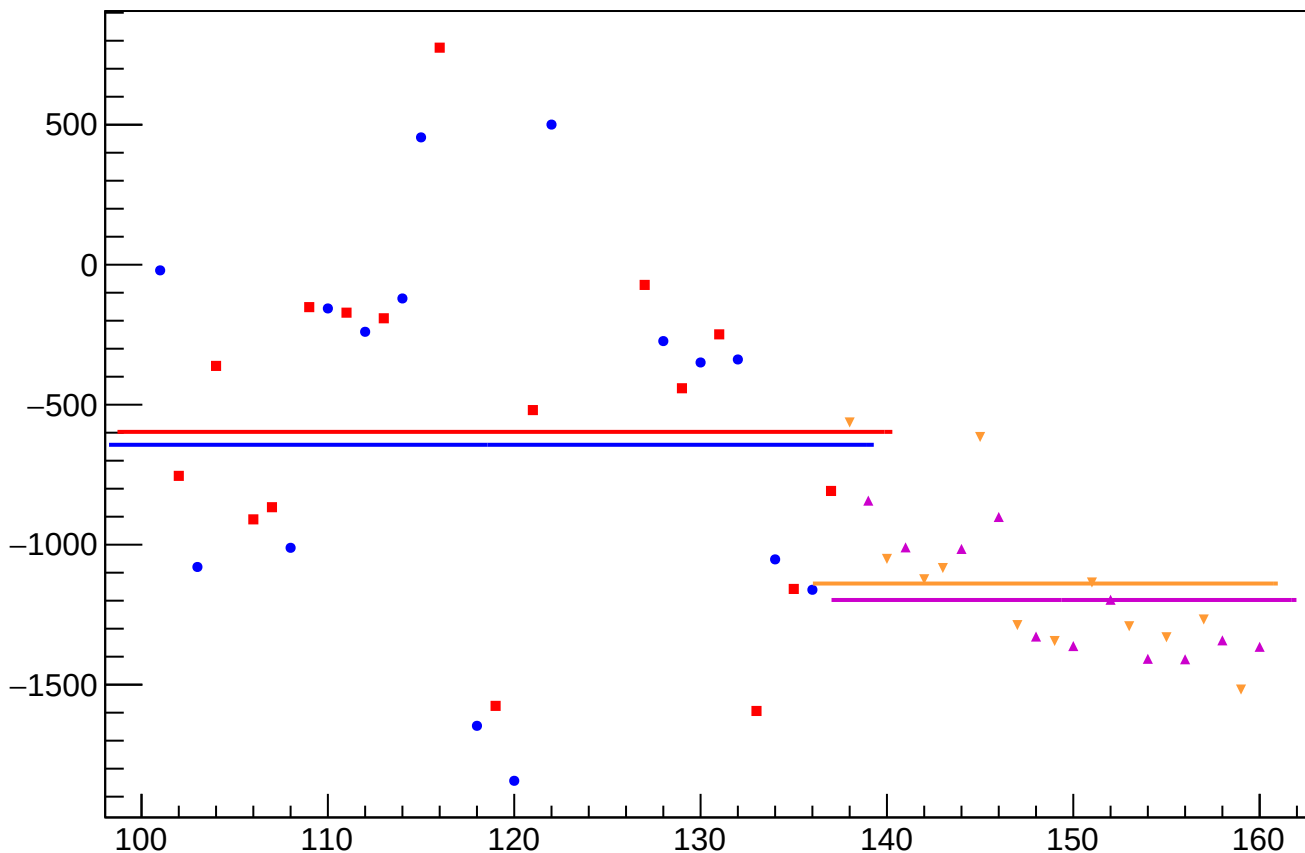
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 257.255 $\pm$ 0.000 χ^2 /NDF: 2781253601465669157863687249484316672.0/11
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 268.493 $\pm$ 0.000 χ^2 /NDF: 5855734975706547823556607966386847744.0/10
 All: 612.442 $\pm$ 0.000 χ^2 /NDF: 328051716192
 + sign 643.246 $\pm$ 0.000 χ^2 /NDF: 212720083388662
 - sign 582.179 $\pm$ 0.000 χ^2 /NDF: 115037612749111

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1138.759+/-0.000 χ^2/NDF : 71006185953424254270590791718170263552.0/11

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

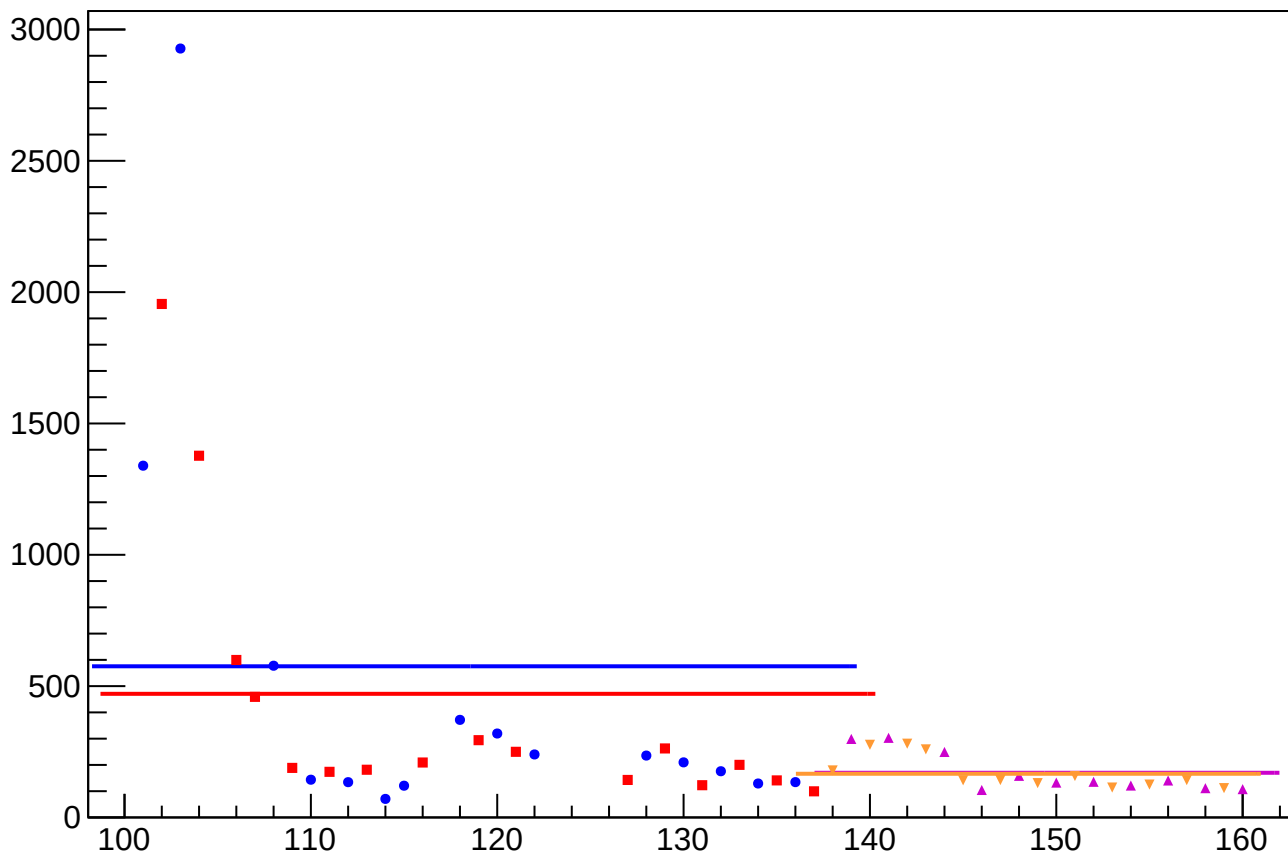
Left In: -1197.503+/-0.000 χ^2/NDF : 38624722141560961102710570239066636288.0/10

+ sign -932.996+/-0.000 χ^2/NDF : 43692805722802

All: -939.440+/-0.000 χ^2/NDF : 82608252499

- sign -945.770+/-0.000 χ^2/NDF : 389025821558760

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

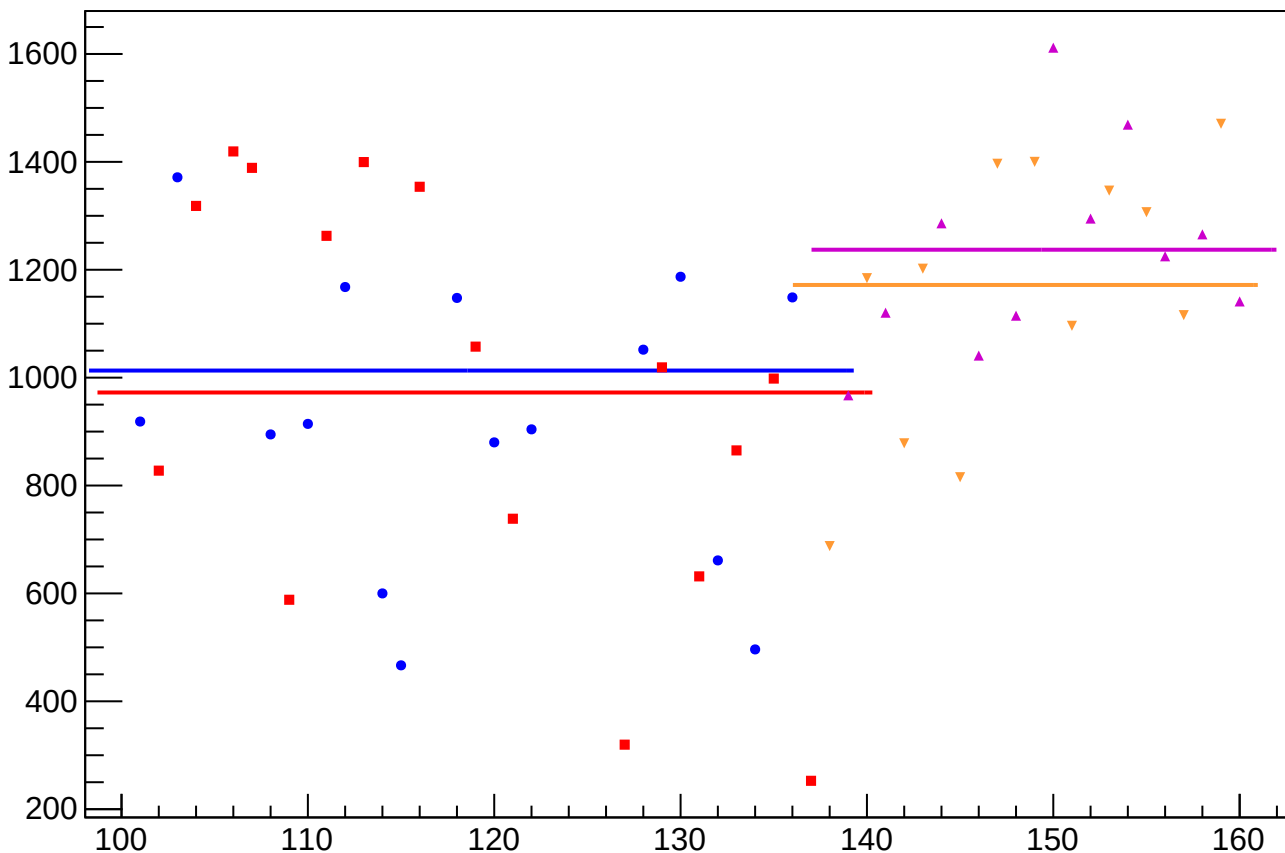
Left Out: 166.360+/-0.000 χ^2/NDF : 3052716209295405049807129095543193600.0/11

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: 170.082+/-0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10

All: 316.009+/-0.000 χ^2/NDF : 749713374727

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

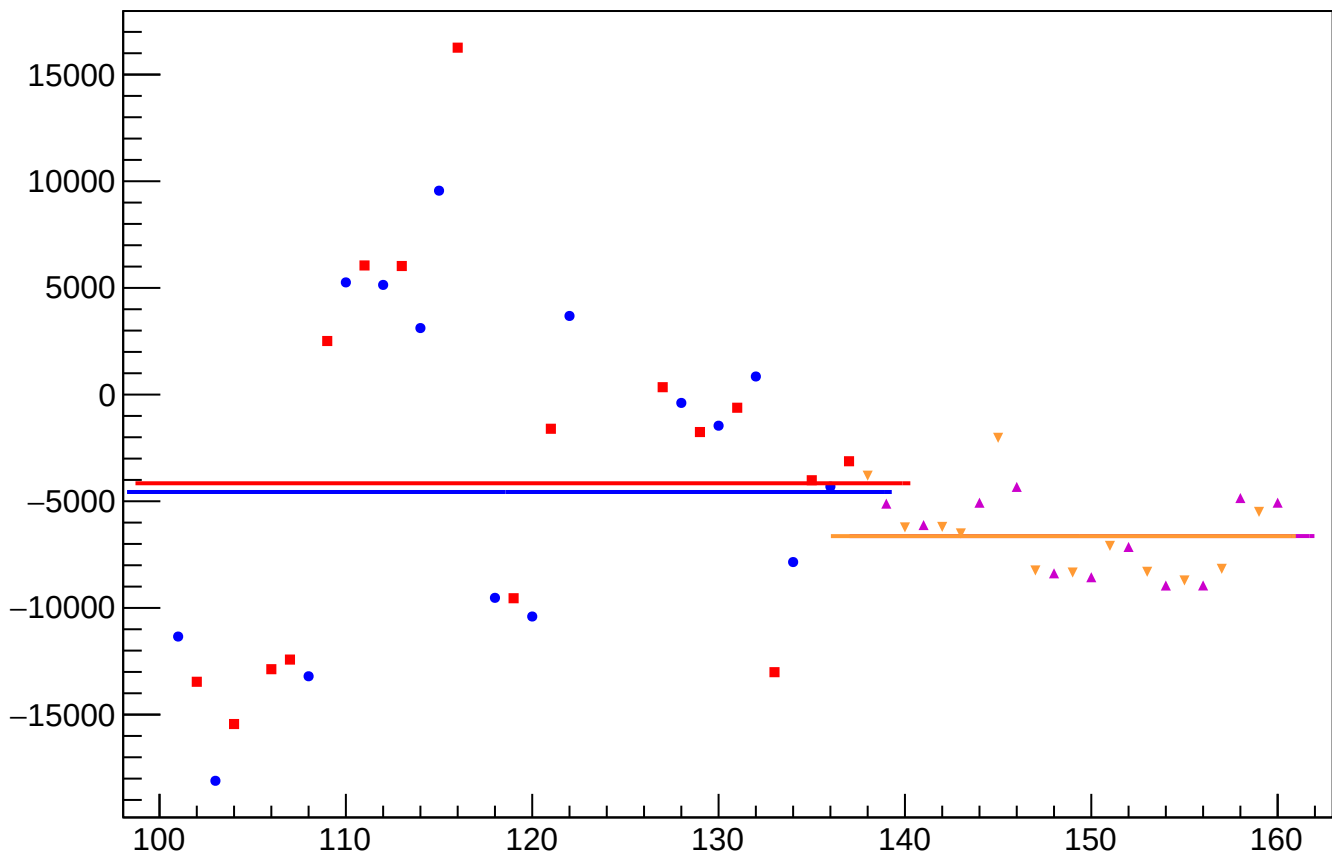
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

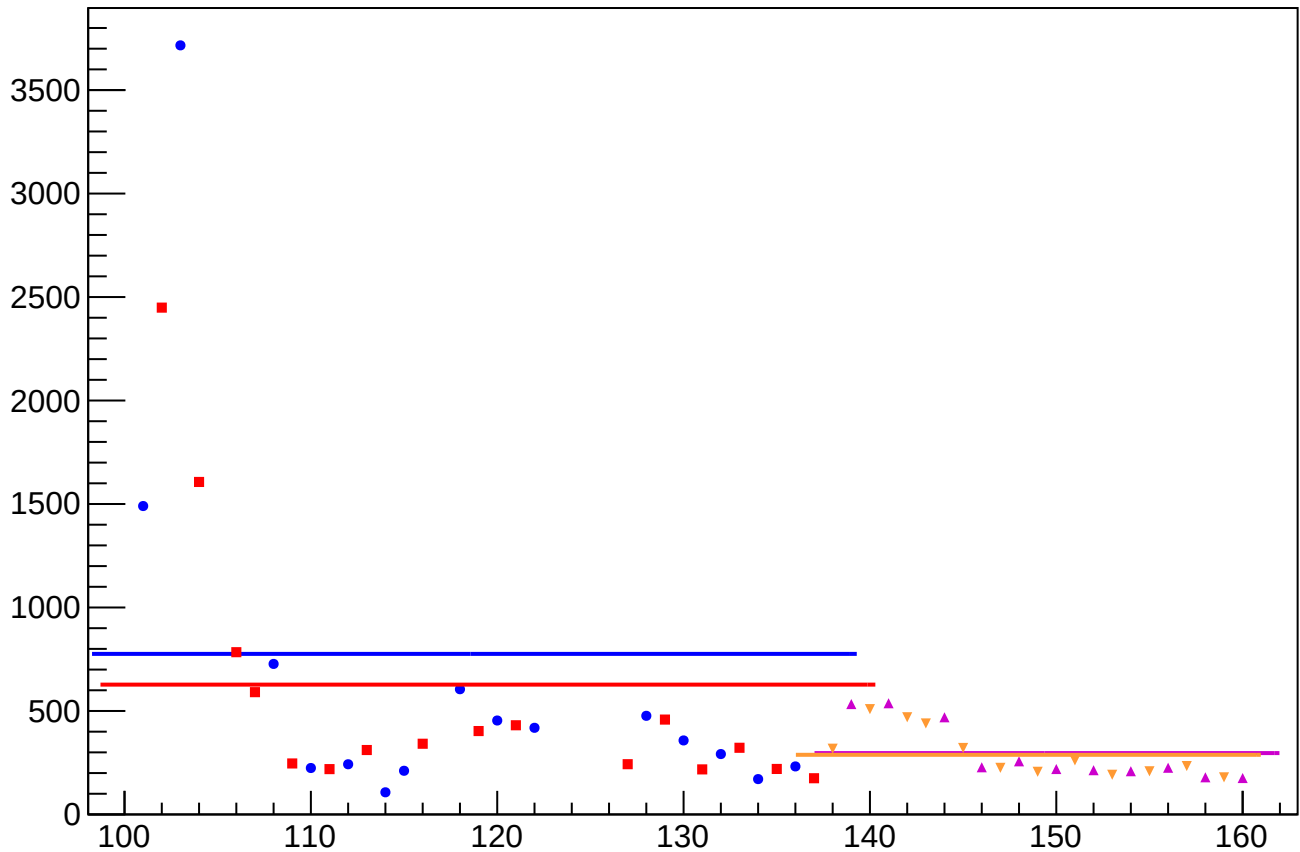
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam4_coil6_mean vs Slug



Right In: -4565.412 ± 0.000 $\chi^2/\text{NDF}: 35667768247432289984899042725155487875072.0/14$
 Left Out: -6634.457 ± 0.000 $\chi^2/\text{NDF}: 3640150880403299784339543756995645407232.0/11$
 Right Out: -4156.859 ± 0.000 $\chi^2/\text{NDF}: 45539455441659927157708443099930682195968.0/15$
 Left In: -6631.377 ± 0.000 $\chi^2/\text{NDF}: 2831140540306304869921468245145345327104.0/10$
 All: -5683.850 ± 0.000 $\chi^2/\text{NDF}: 9170111031$
 - sign -5593.977 ± 0.000 $\chi^2/\text{NDF}: 50742565096238$

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF : 10607349218435095296400376728725225472.0/11

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

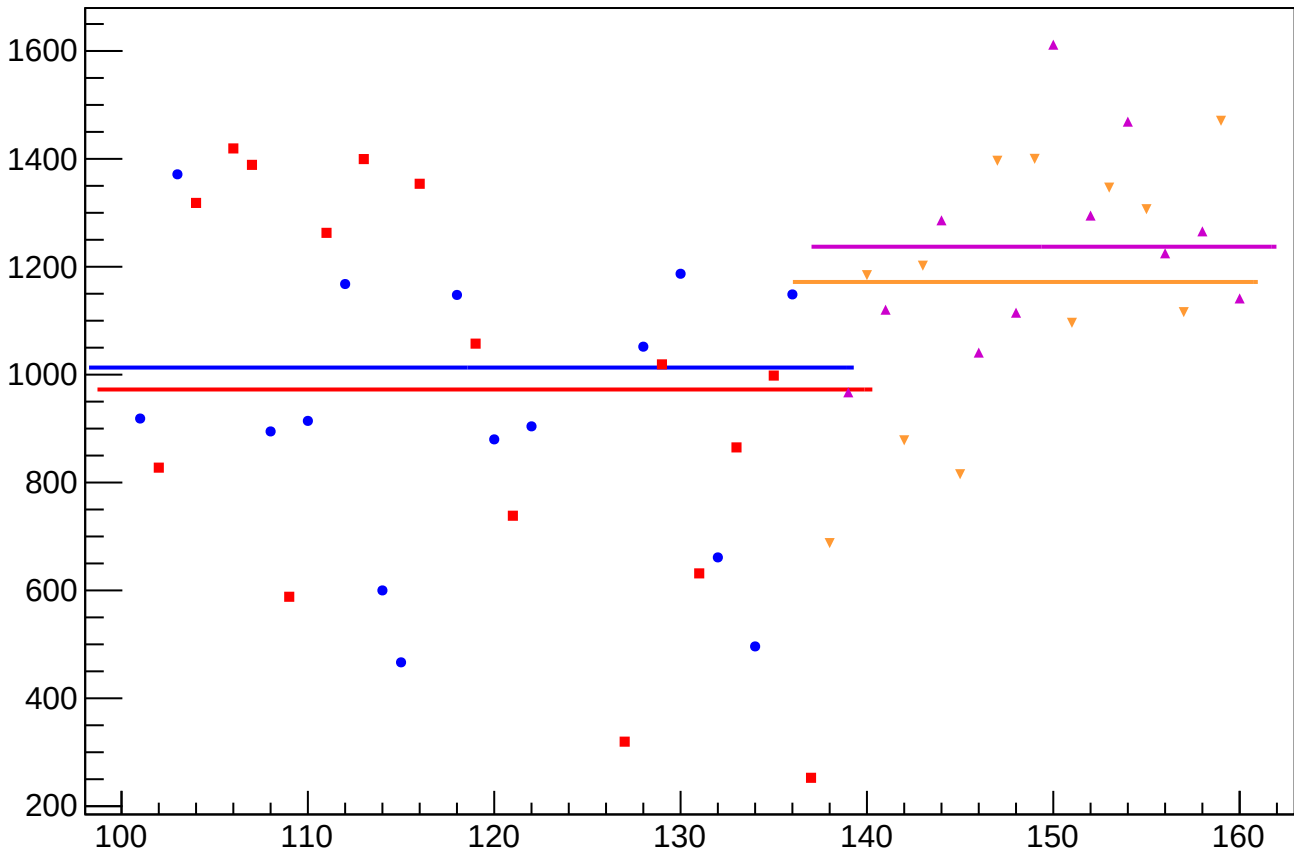
Left In: 296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10

+ sign 490.690+/-0.000 χ^2/NDF : 742695334945121

All: 462.697+/-0.000 χ^2/NDF : 11020925146

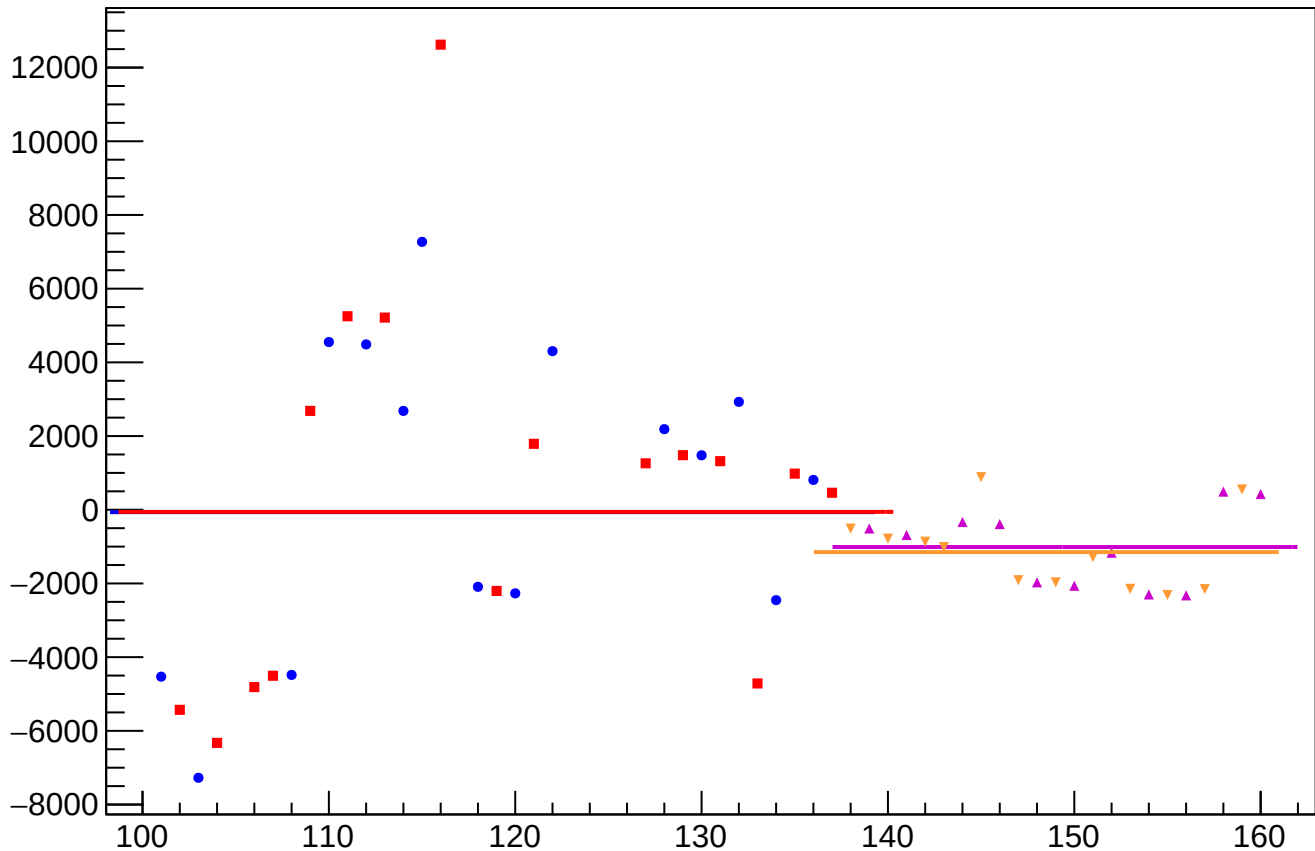
- sign 435.197+/-0.000 χ^2/NDF : 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



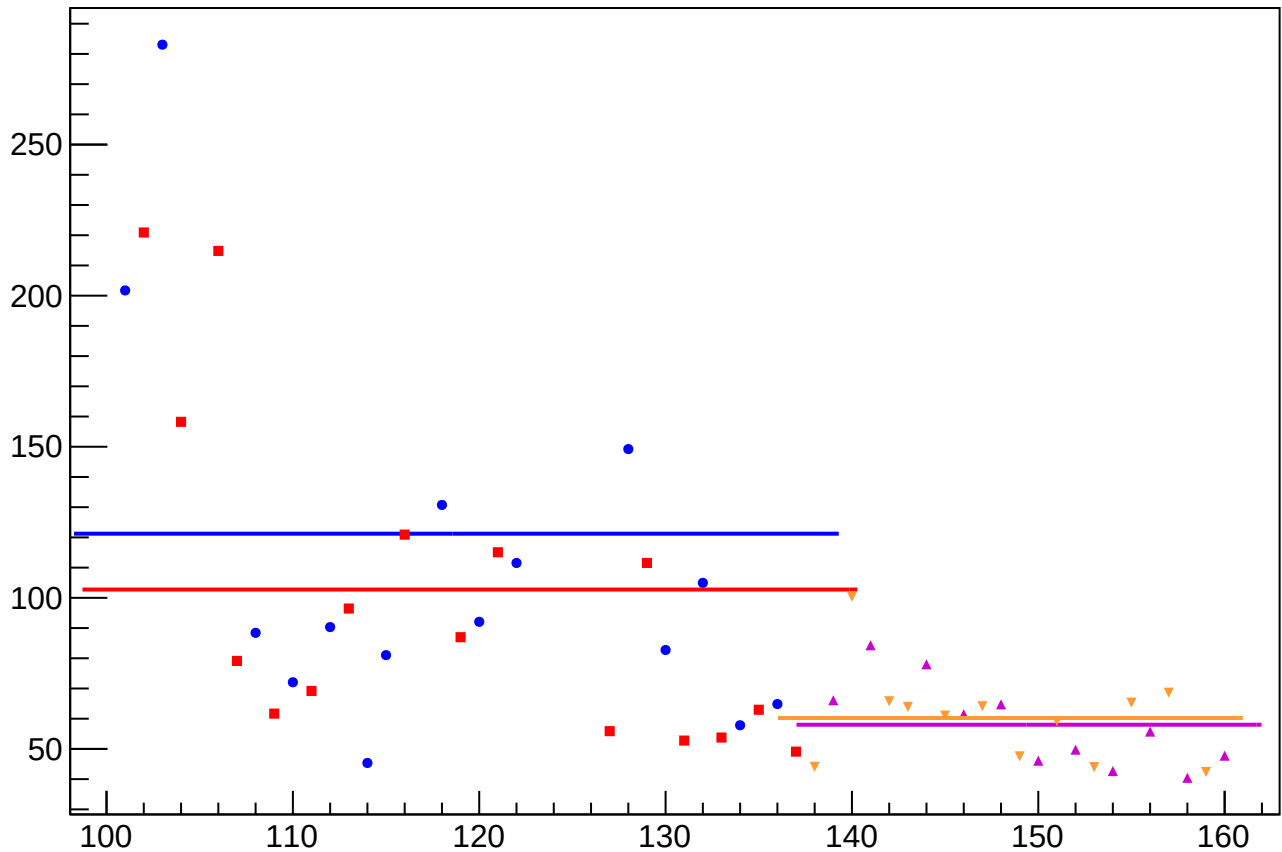
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam5_coil6_mean vs Slug



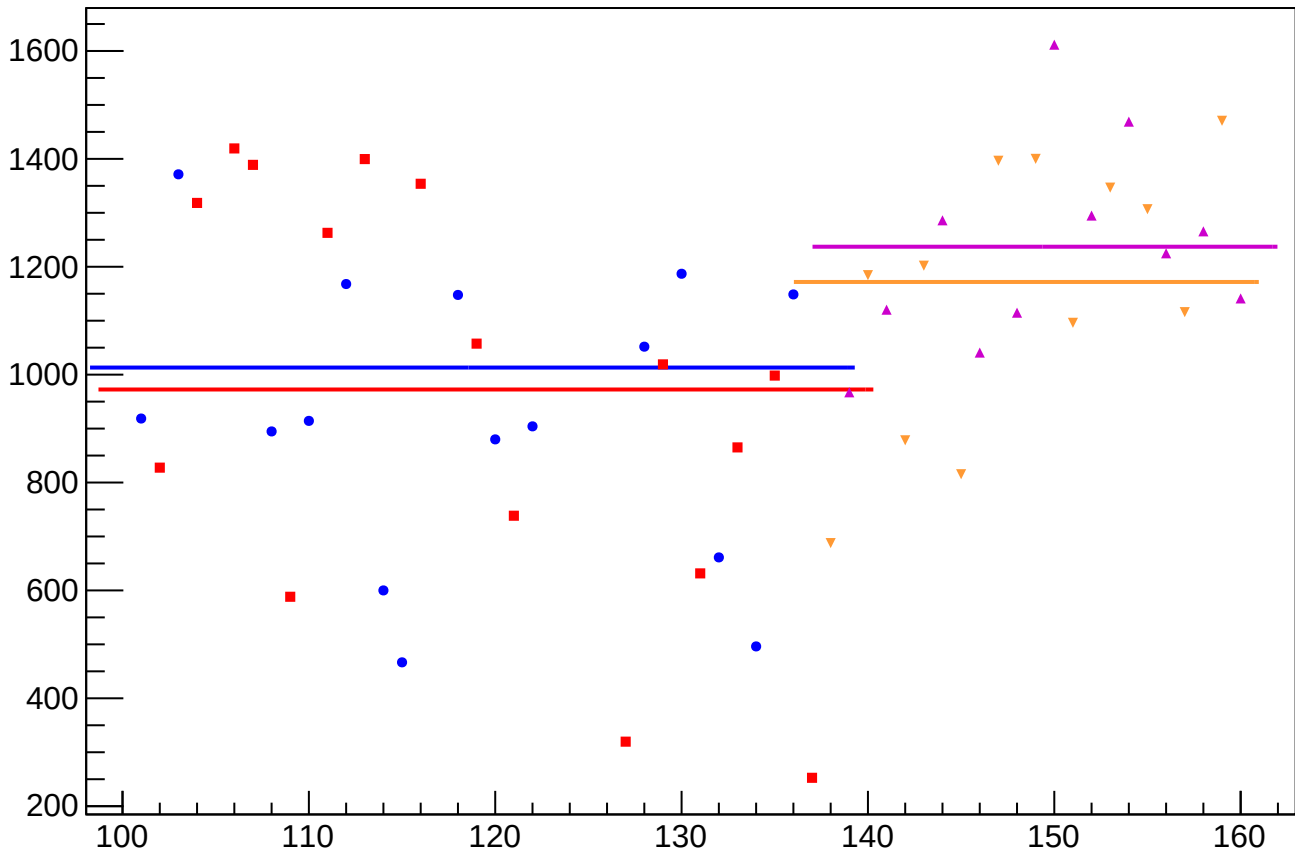
Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1149.036 ± 0.000 $\chi^2/\text{NDF}: 977384281251527862797157265716912586752.0/11$
 Right Out: -57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: -1011.284 ± 0.000 $\chi^2/\text{NDF}: 903909408421874171739001543159795679232.0/10$

dit_sam5_coil6_err_mean vs Slug



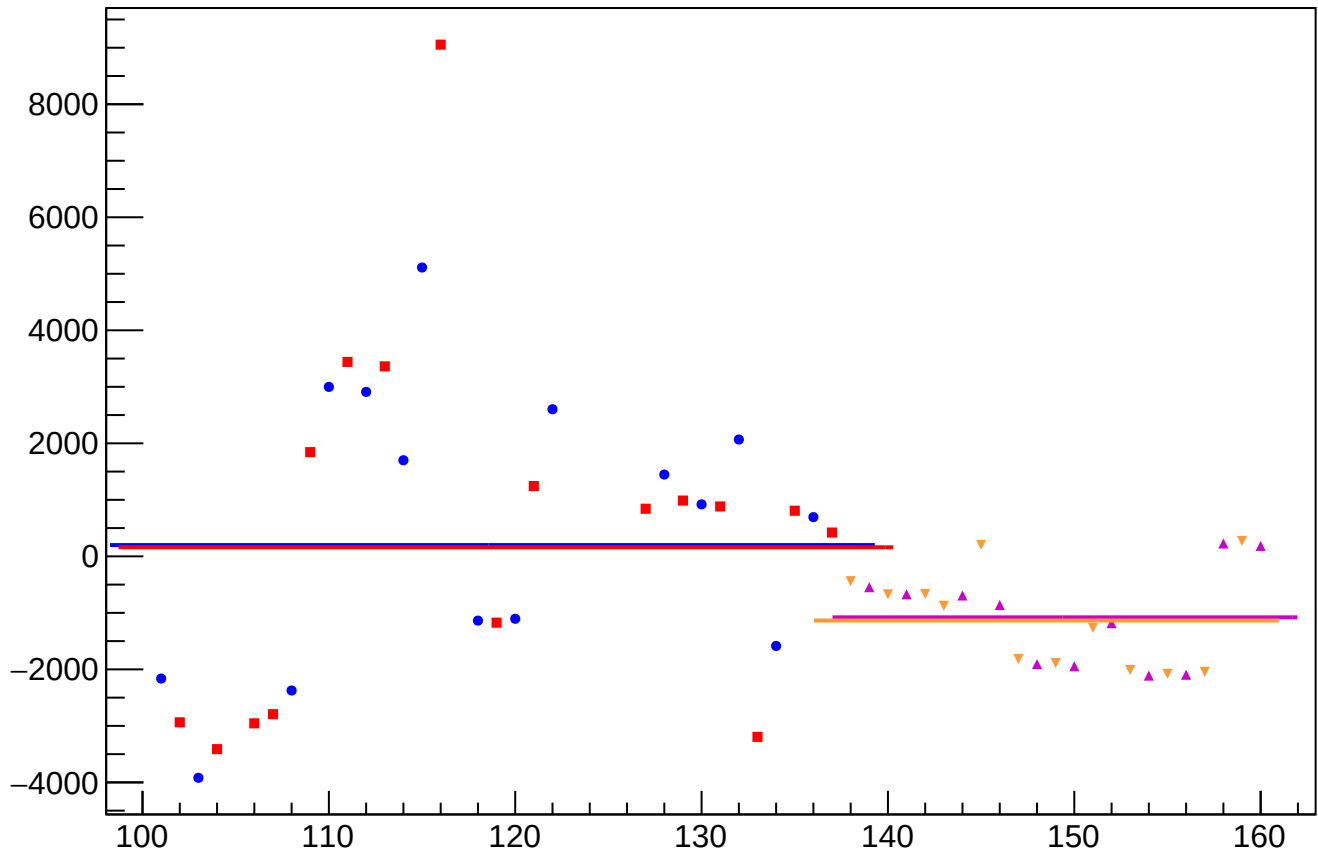
Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 60.239 $\pm$ 0.000 χ^2 /NDF: 225102554491032869548797845500329984.0/11
 Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: 58.011 $\pm$ 0.000 χ^2 /NDF: 177427701786540438757655027214450688.0/10

dit_sam5_coil6_Ndata_mean vs Slug



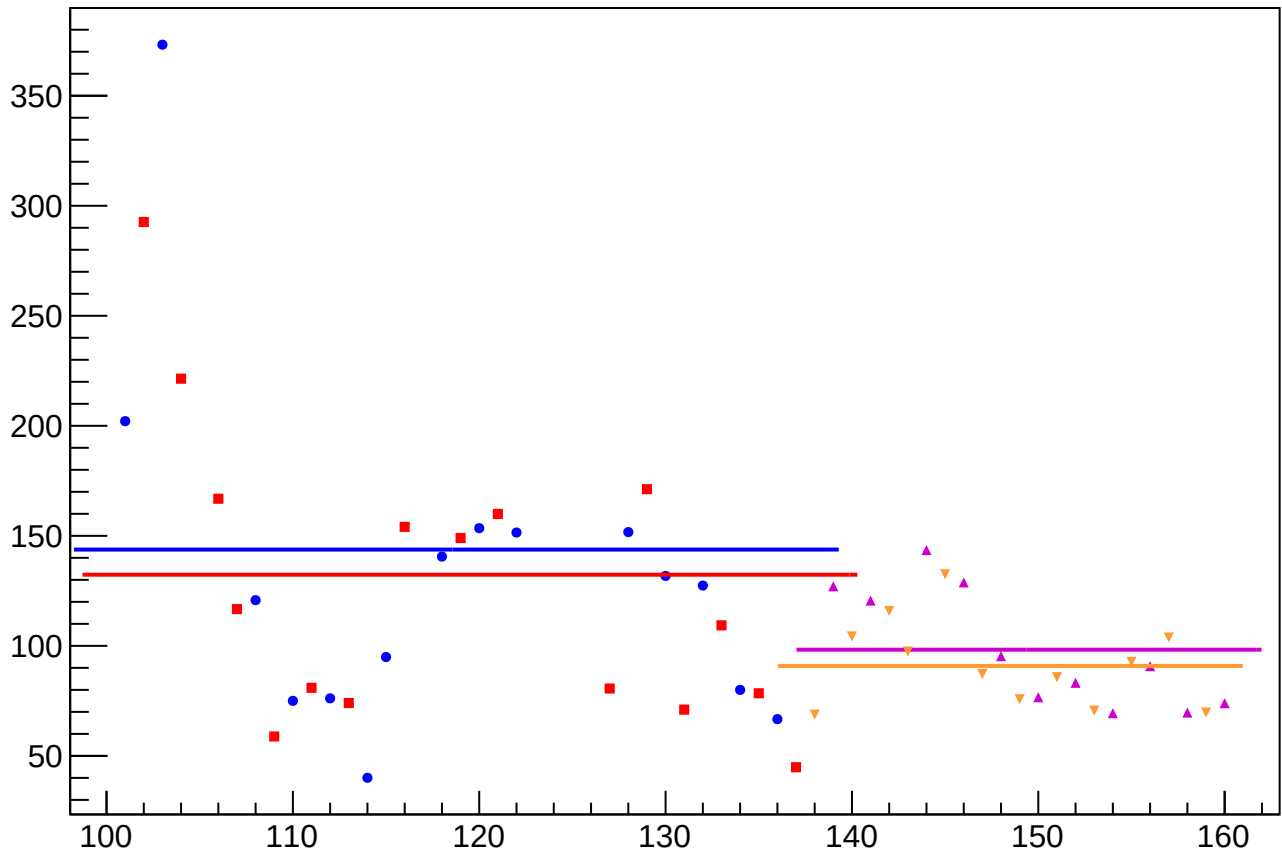
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1135.455+/-0.000 χ^2/NDF : 654697592596579349133010058178925166592.0/11
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1079.555+/-0.000 χ^2/NDF : 614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

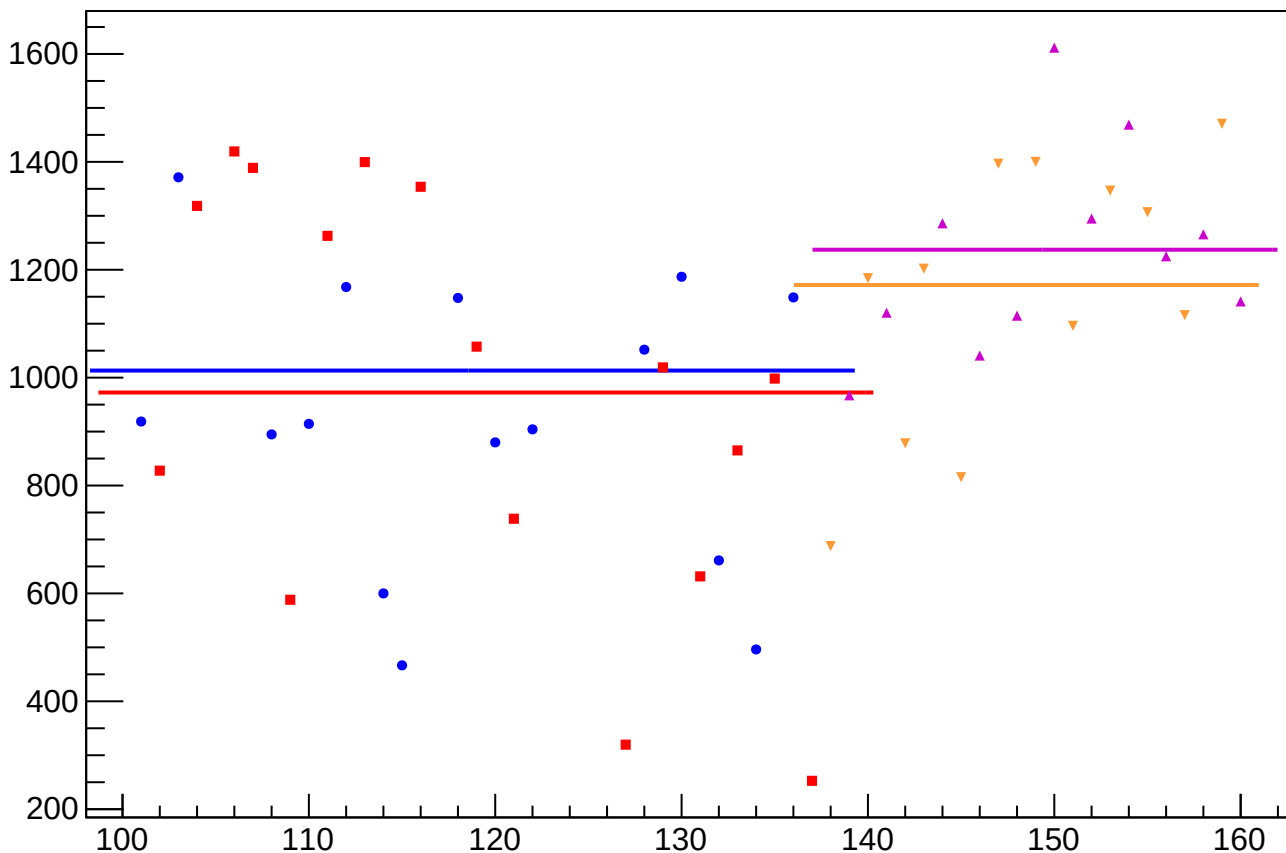
Left Out: 90.882 ± 0.000 χ^2/NDF : 326242734851411629220497356388040704.0/11

Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: 98.257 ± 0.000 χ^2/NDF : 6209937767730933933033369428470792192.0/10

All: 112.691 ± 0.000 χ^2/NDF : 101475107783.0/11

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

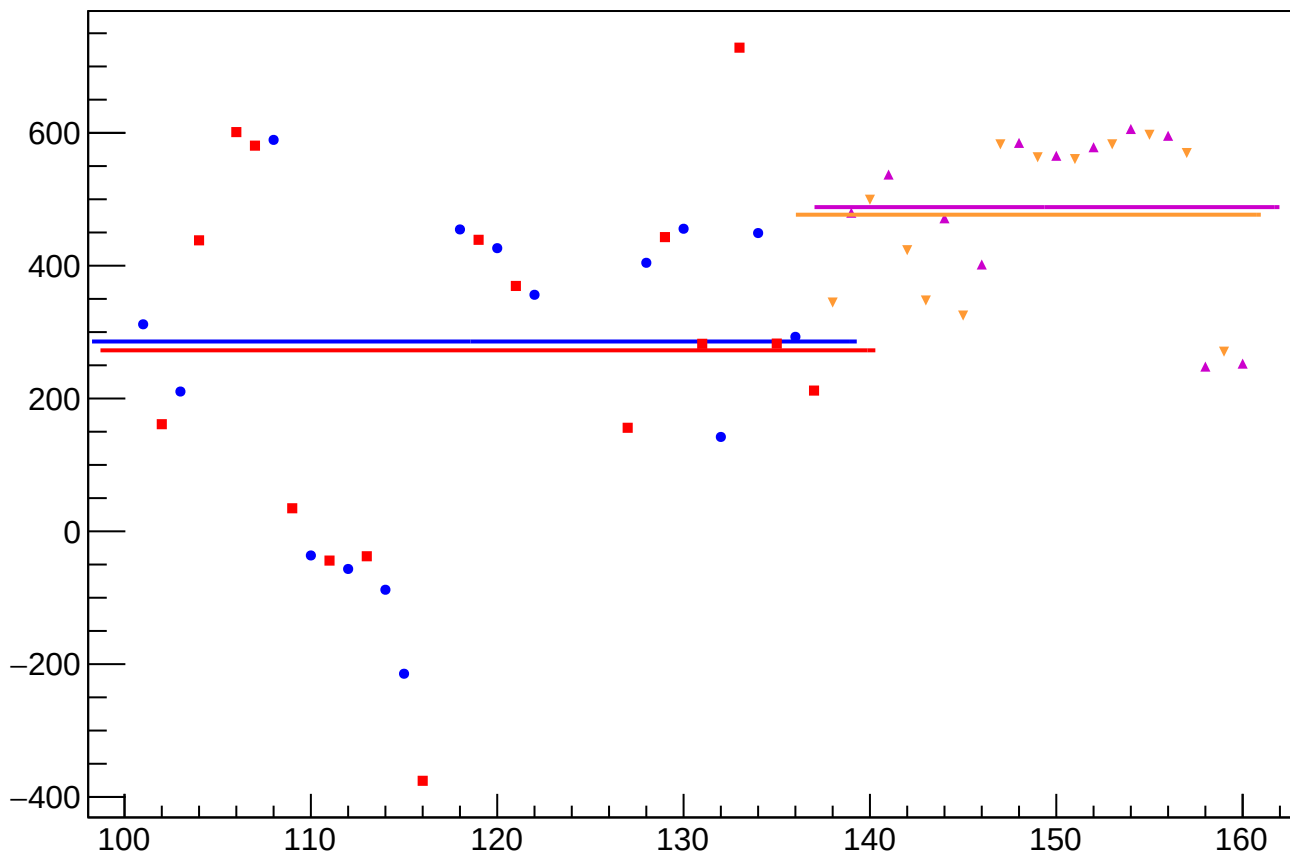
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 476.795+/-0.000 χ^2/NDF : 12695994824288000465906190934597435392.0/11

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

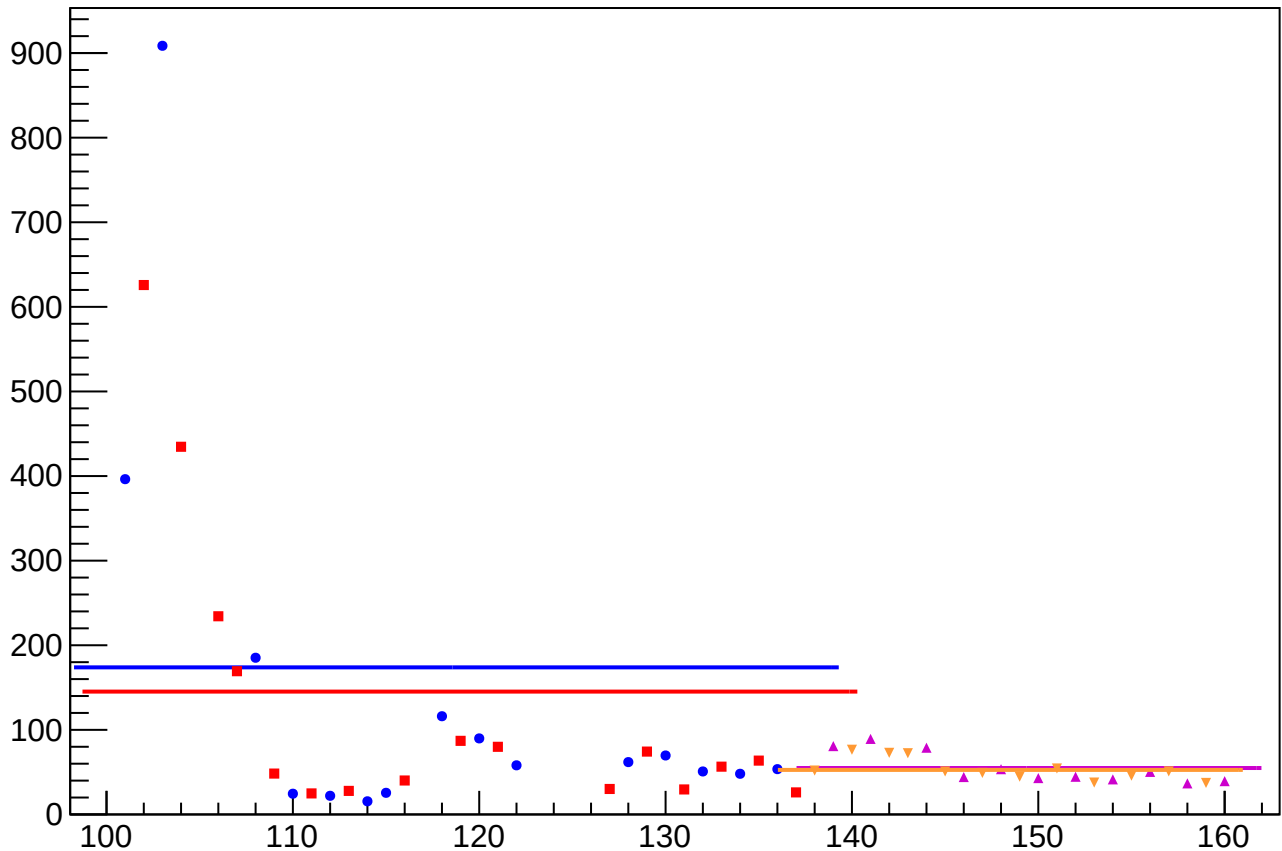
Left In: 488.203+/-0.000 χ^2/NDF : 13828831980358883653289432391973076992.0/10

+ sign 397.512+/-0.000 χ^2/NDF : 506405806110630

All: 397.652+/-0.000 χ^2/NDF : 126636598673

- sign 397.790+/-0.000 χ^2/NDF : 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF : 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF : 140159423385887976692066167541465088.0/11

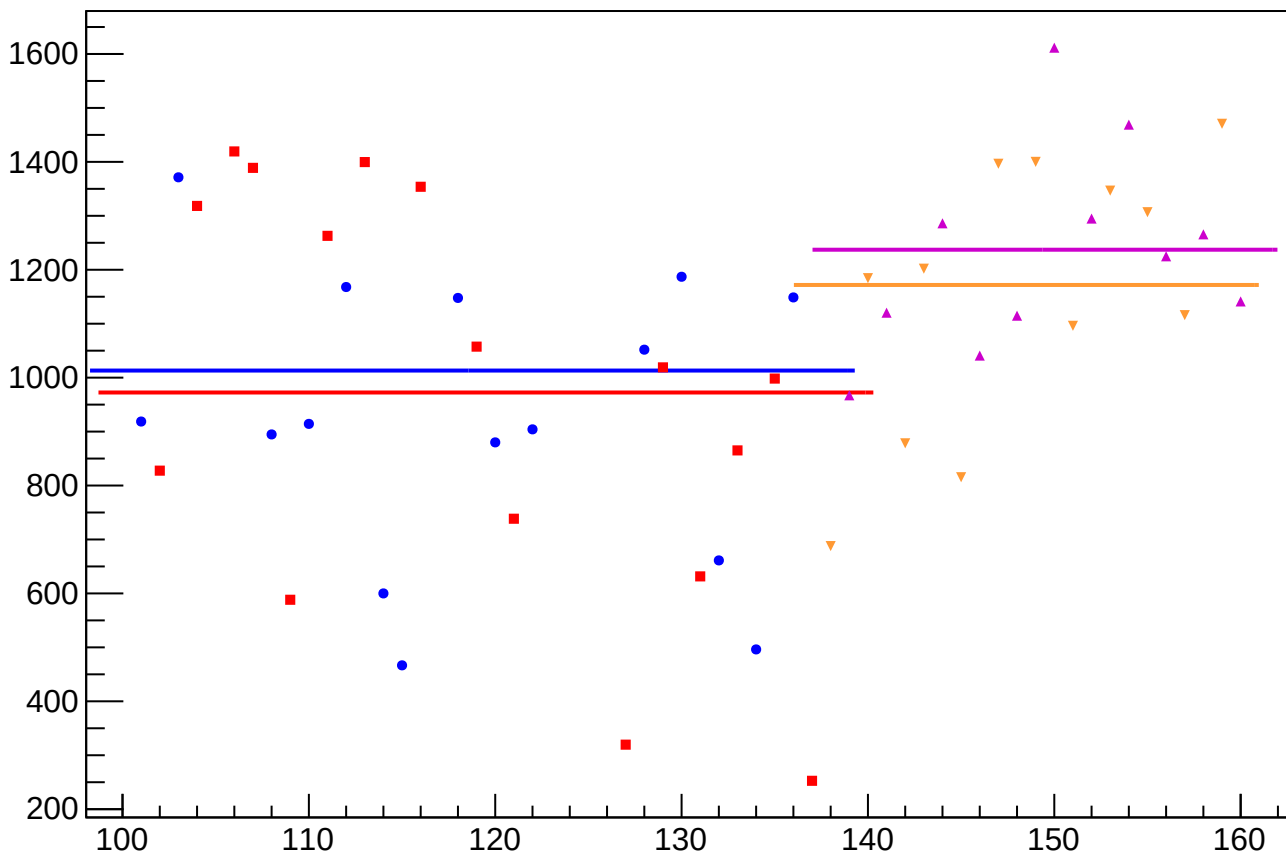
All: 97.830+/-0.000 χ^2/NDF : 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF : 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

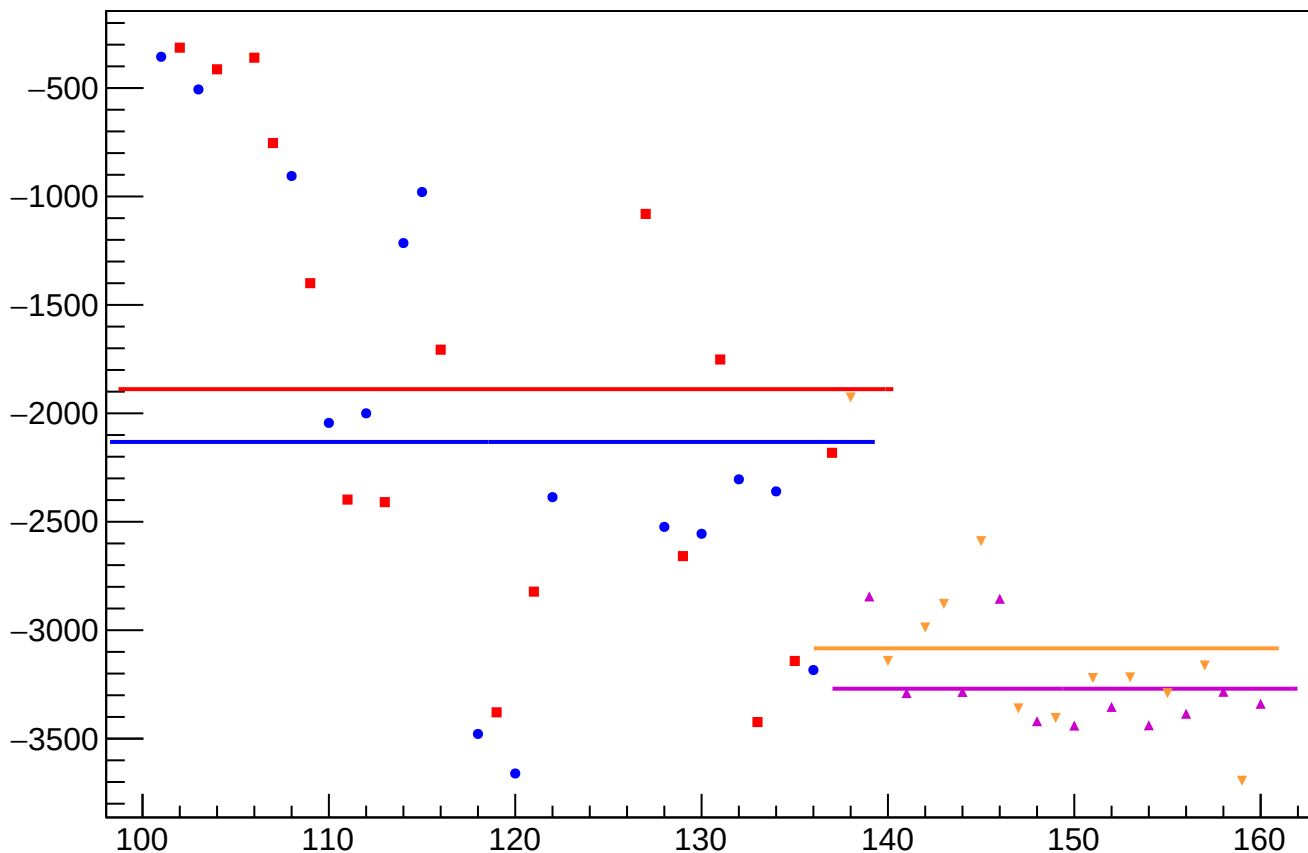
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

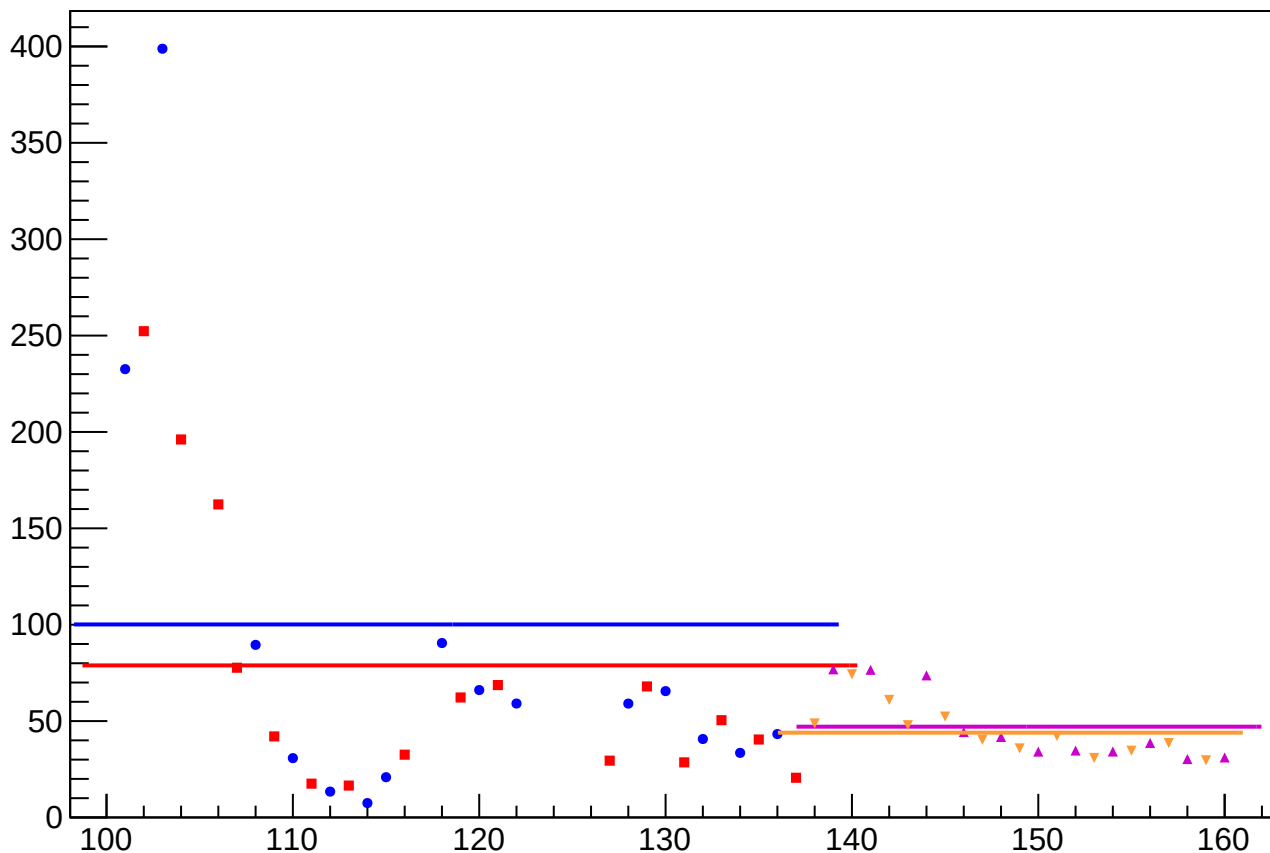
dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 $\chi^2/\text{NDF}: 722433384570495071131450661983670501376.0/14$
 Left Out: -3083.729 ± 0.000 $\chi^2/\text{NDF}: 178322677856663824149309206068860026880.0/11$
 Right Out: -1888.448 ± 0.000 $\chi^2/\text{NDF}: 791986665551980691032719862611769819136.0/15$
 Left In: -3269.755 ± 0.000 $\chi^2/\text{NDF}: 38098096180391062431092176239781216256.0/10$

+ sign -2688.506 ± 0.000 $\chi^2/\text{NDF}: 1244586997830$
 All: -2689.595 ± 0.000 $\chi^2/\text{NDF}: 2813784024$
 - sign -2690.665 ± 0.000 $\chi^2/\text{NDF}: 15691933486268$

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 43.994+/-0.000 χ^2/NDF : 144038877087981194806470678002270208.0/11

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

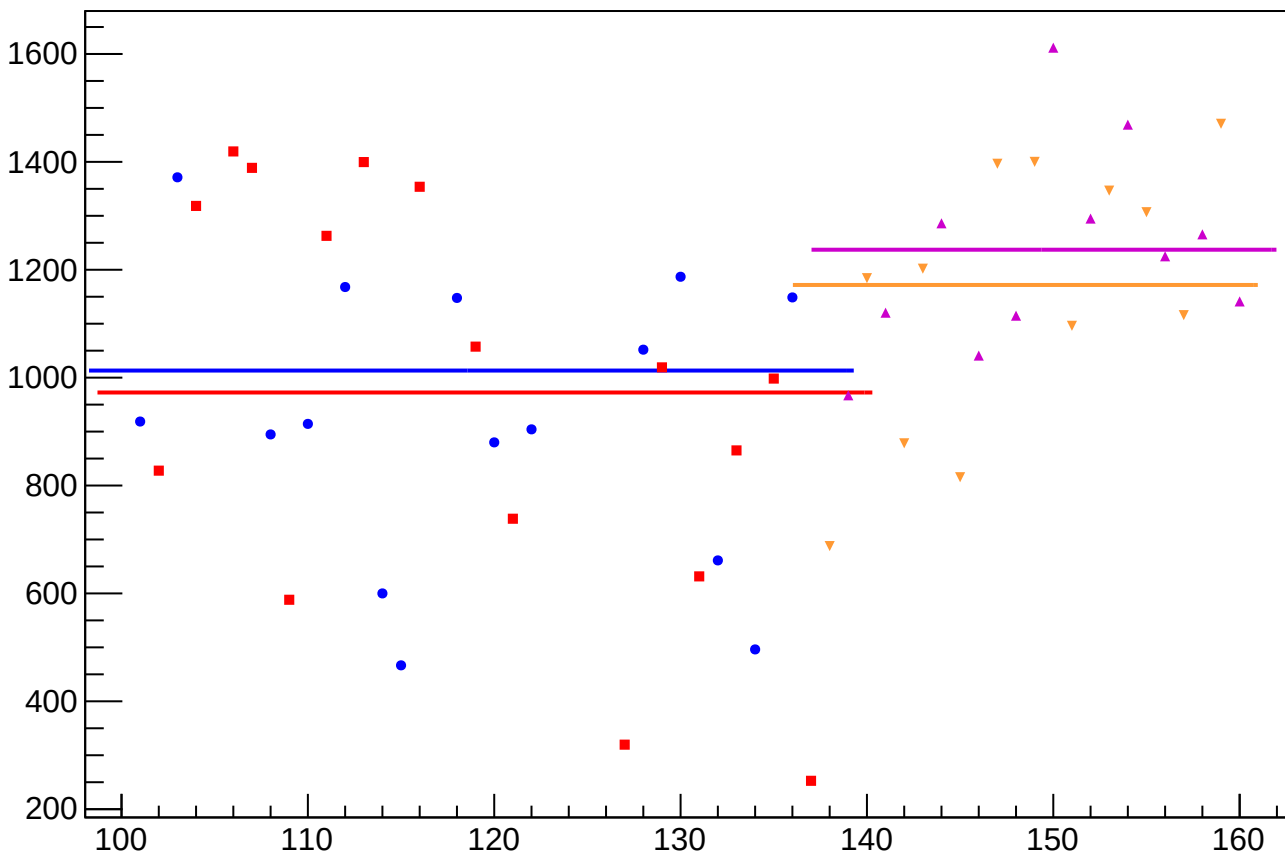
Left In: 47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10

+ sign 67.306+/-0.000 χ^2/NDF : 9154119203552440

All: 63.832+/-0.000 χ^2/NDF : 1341063315555

- sign 60.419+/-0.000 χ^2/NDF : 4219125097072467

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF : 52424901282098583856312492577037221888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

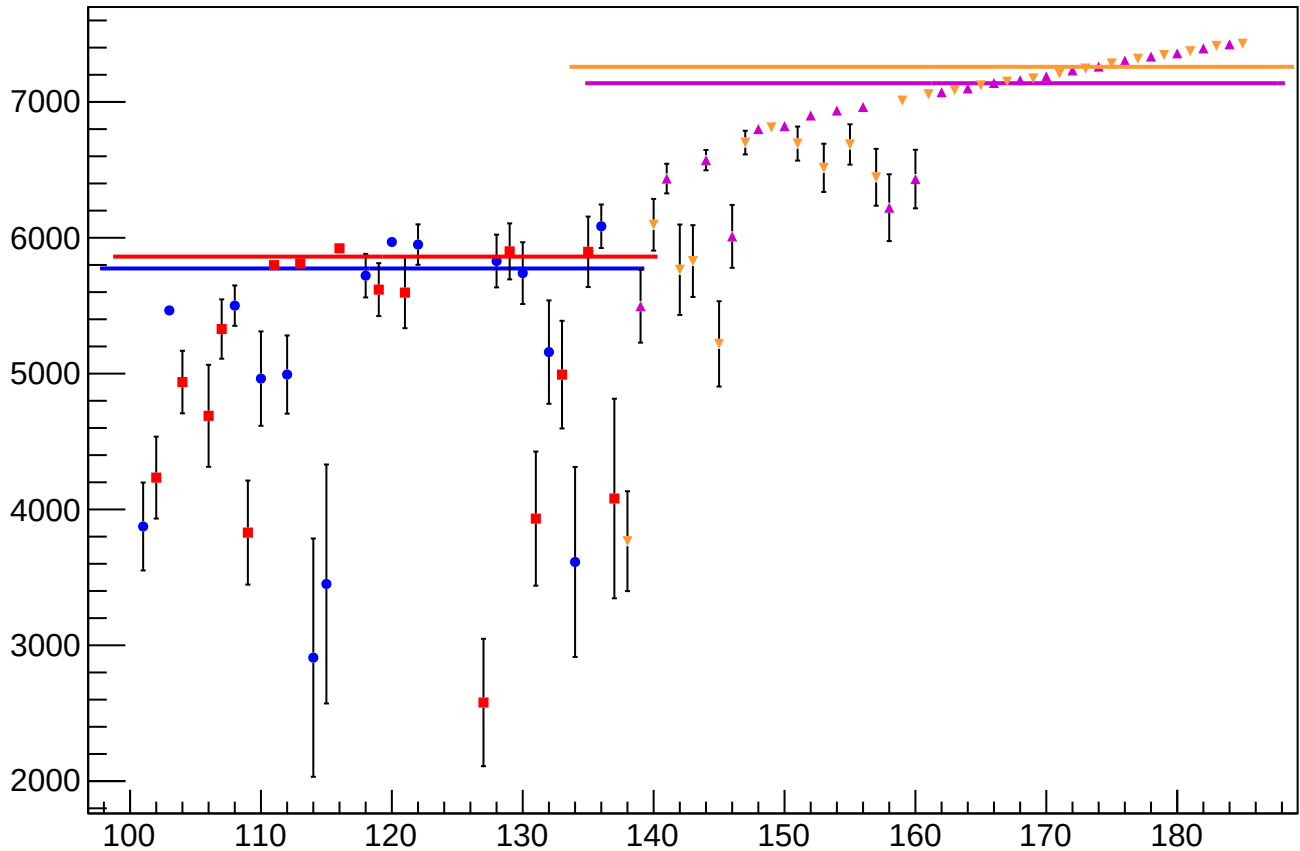
Left In: 1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF : 93699894673441

All: 1116.146+/-0.000 χ^2/NDF : 23037003763

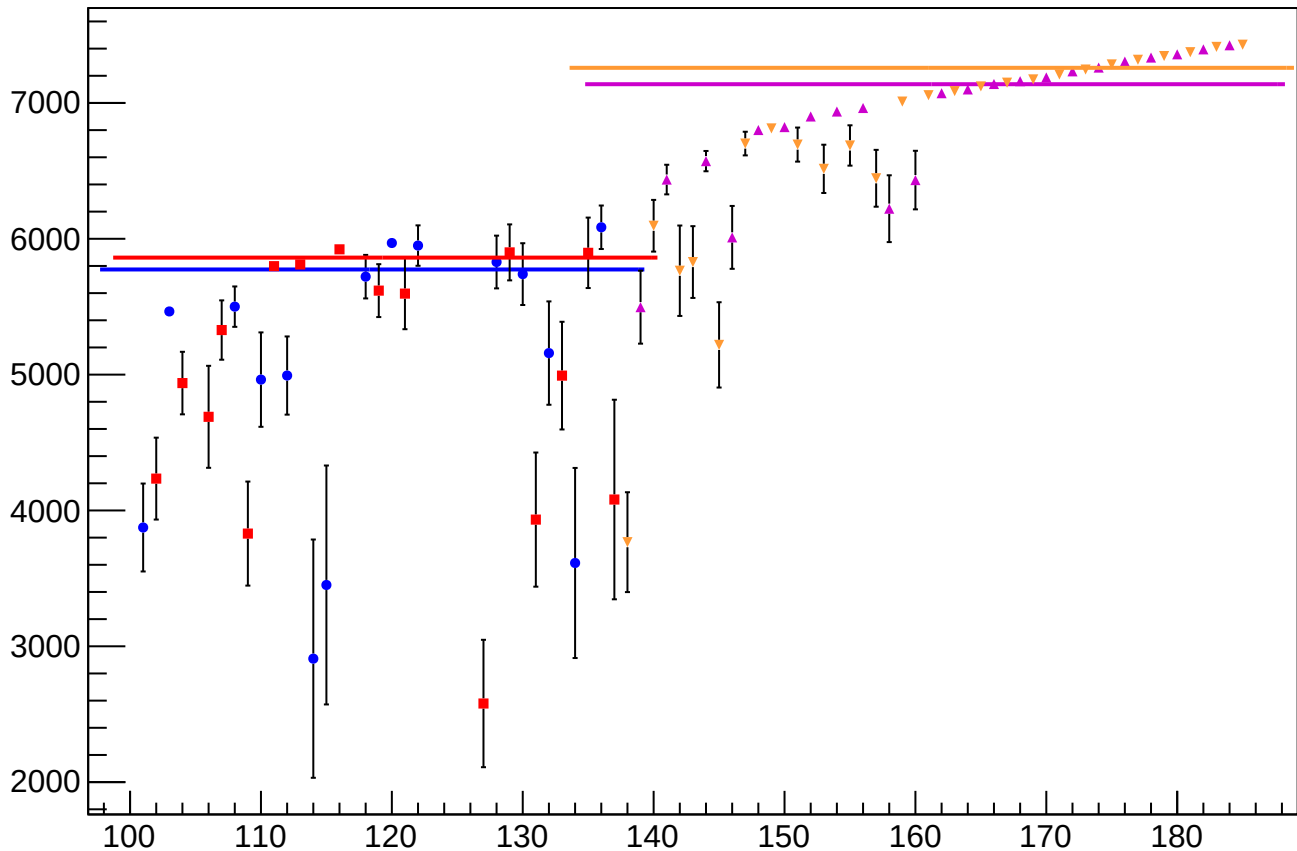
- sign 1126.185+/-0.000 χ^2/NDF : 13634656733460

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14 + sign 6955.870 $\pm$ 0.082 χ^2/NDF : 59347357.6/39
 Left Out: 7258.636 $\pm$ 0.092 χ^2/NDF : 4237941.4/24 All: 6833.085 $\pm$ 0.057 χ^2/NDF : 124412873.1
 Right Out: 5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15 - sign 6715.075 $\pm$ 0.080 χ^2/NDF : 60662698.5/38
 Left In: 7137.987 $\pm$ 0.098 χ^2/NDF : 4549121.8/22

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2 /NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2 /NDF: 4237941.4/24

Right Out: 5861.461+/-0.140 χ^2 /NDF: 180020.4/15

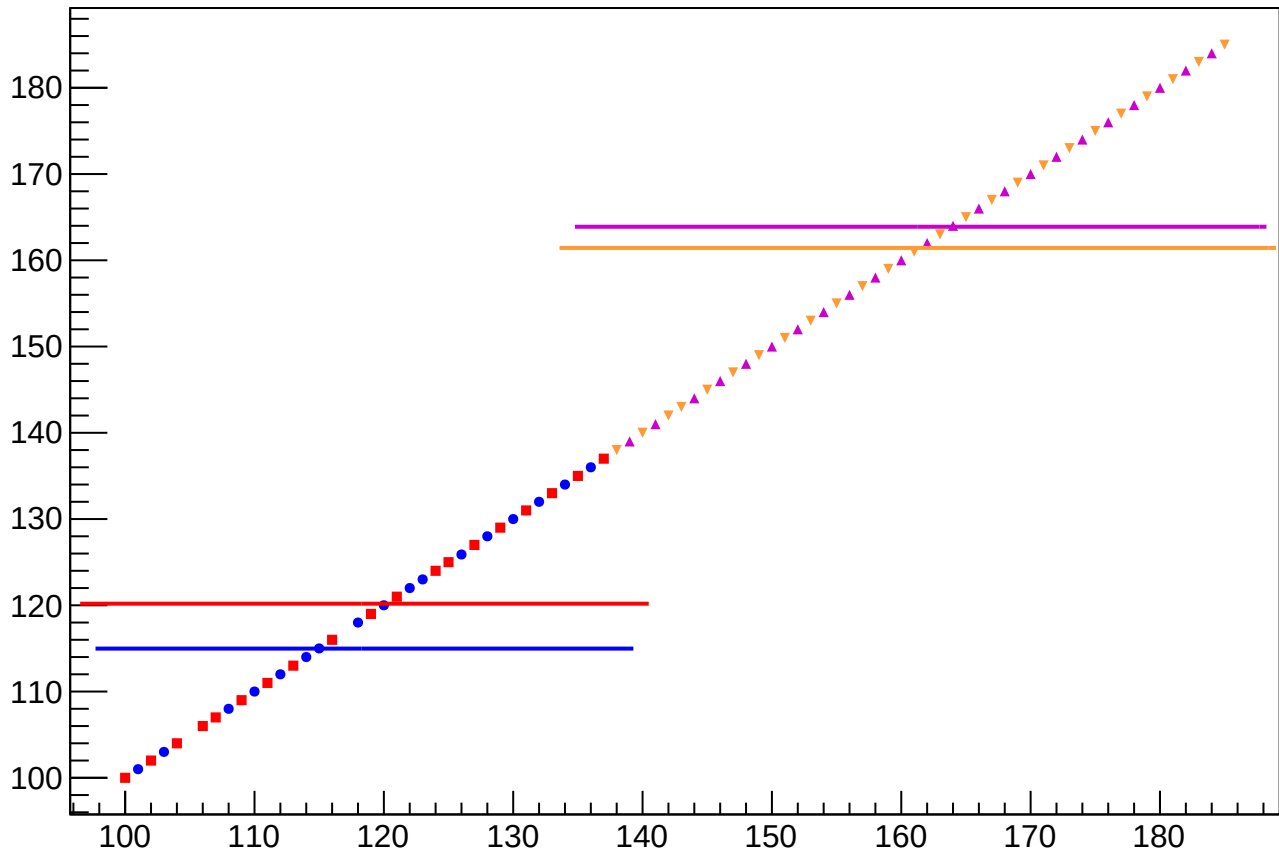
Left In: 7137.987+/-0.098 χ^2 /NDF: 4549121.8/22

+ sign 6955.870+/-0.082 χ^2 /NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2 /NDF: 124412873.1

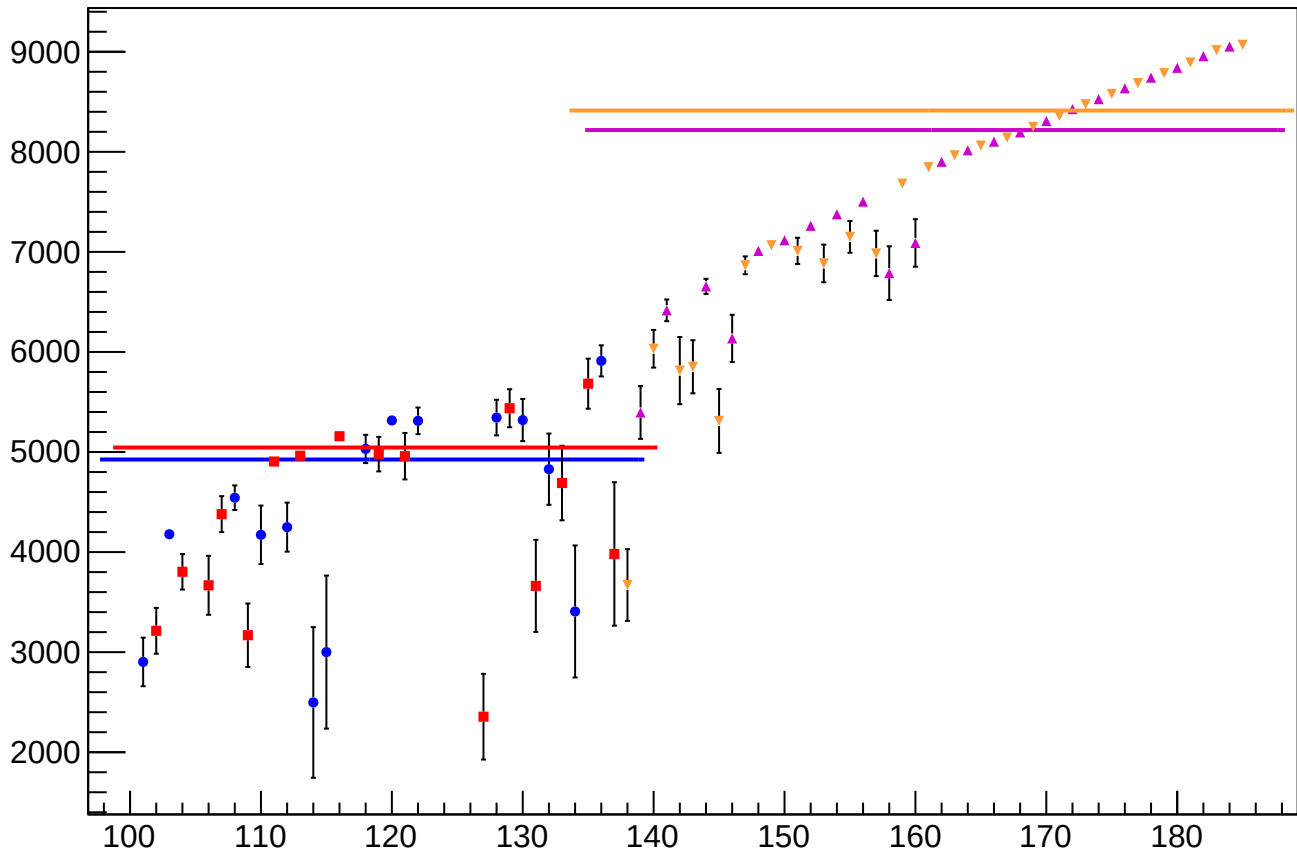
- sign 6715.075+/-0.080 χ^2 /NDF: 60662698.5/38

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: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 8412.753 $\pm$ 0.396 χ^2 /NDF: 2106465.3/24

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

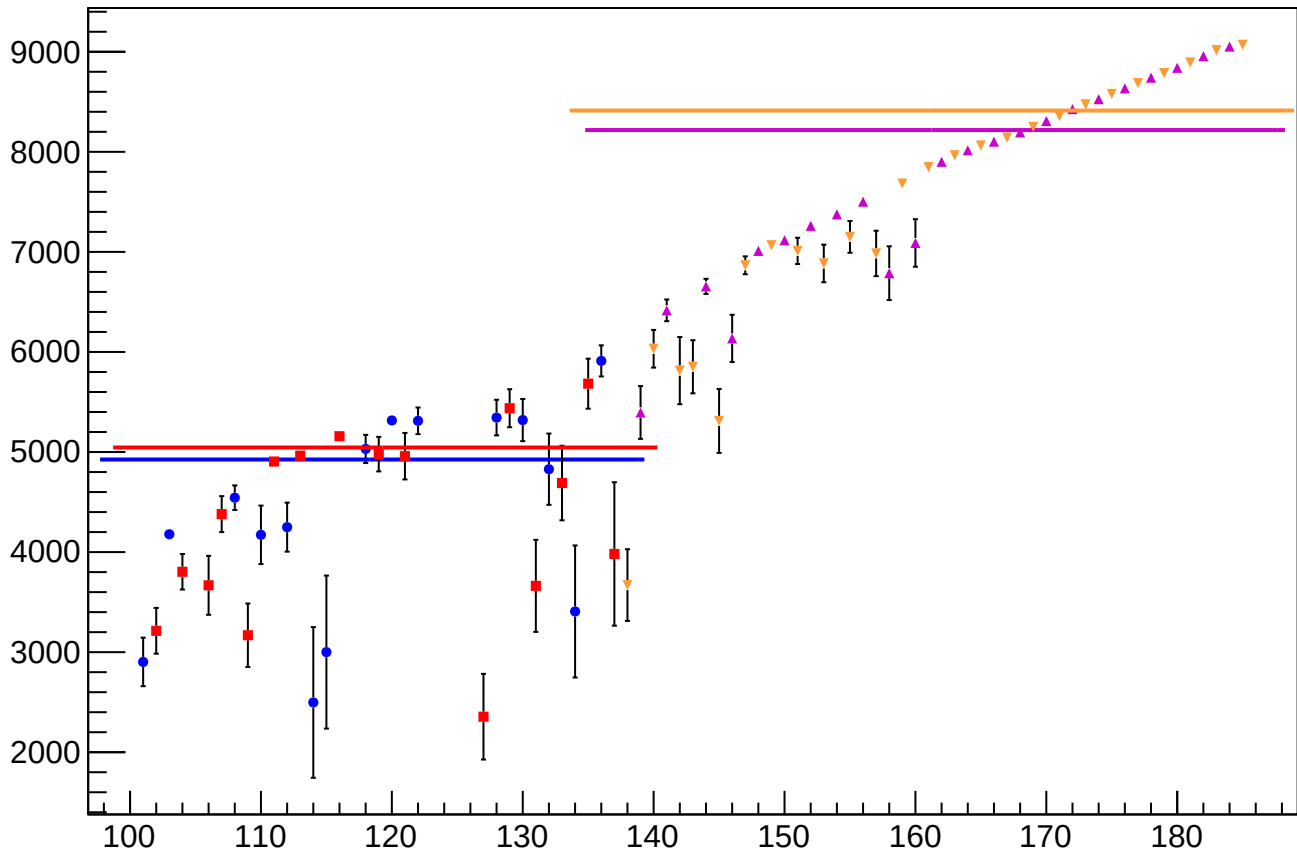
Left In: 8217.639 $\pm$ 0.381 χ^2 /NDF: 2974101.4/22

+ sign 7886.489 $\pm$ 0.365 χ^2 /NDF: 14157267.1/39

All: 7641.112 $\pm$ 0.245 χ^2 /NDF: 35014772.5/7

- sign 7439.138 $\pm$ 0.331 χ^2 /NDF: 20031979.1/38

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 8412.753 ± 0.396 χ^2/NDF : 2106465.3/24

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

Left In: 8217.639 ± 0.381 χ^2/NDF : 2974101.4/22

+ sign 7886.489 ± 0.365 χ^2/NDF : 14157267.1/39

All: 7641.112 ± 0.245 χ^2/NDF : 35014772.5/7

- sign 7439.138 ± 0.331 χ^2/NDF : 20031979.1/38

dit_scandata1_mean vs Slug



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

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

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

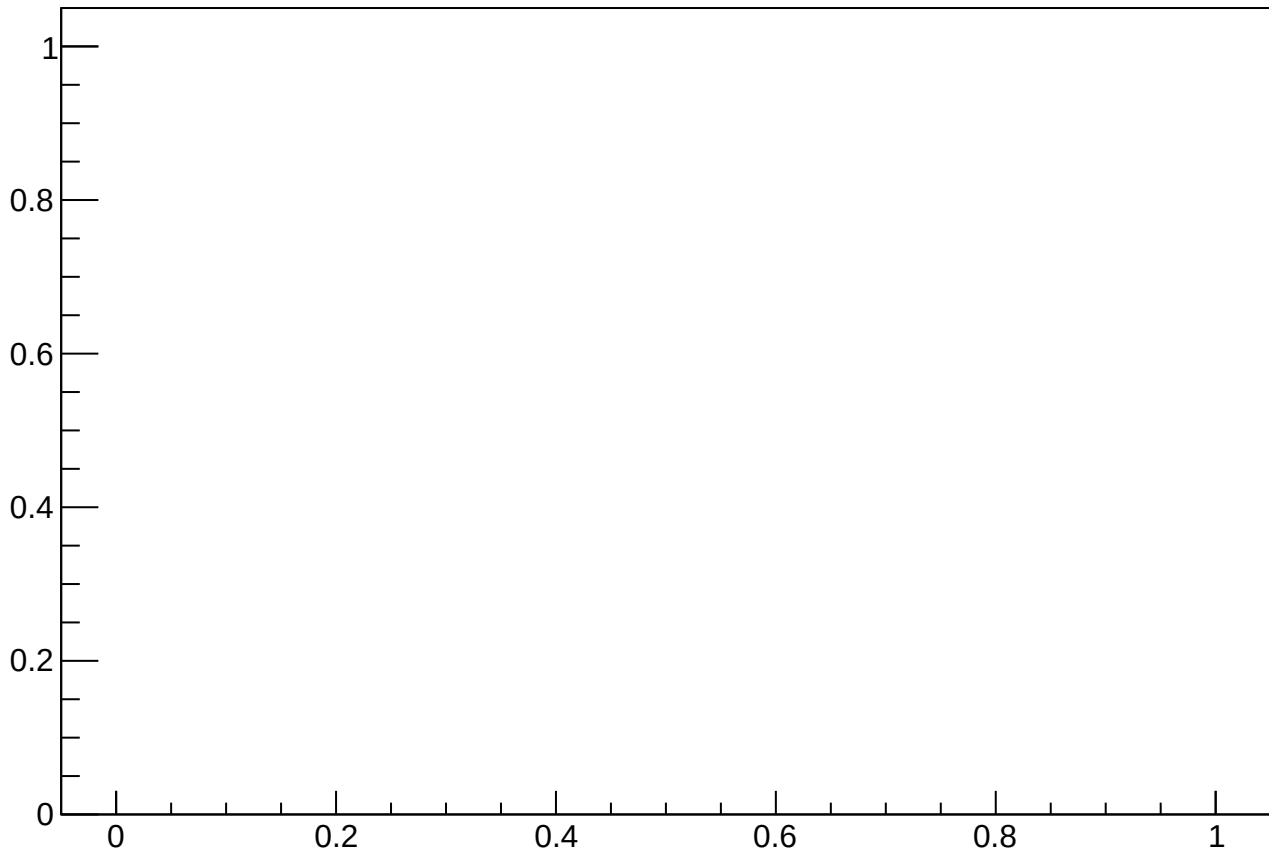
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

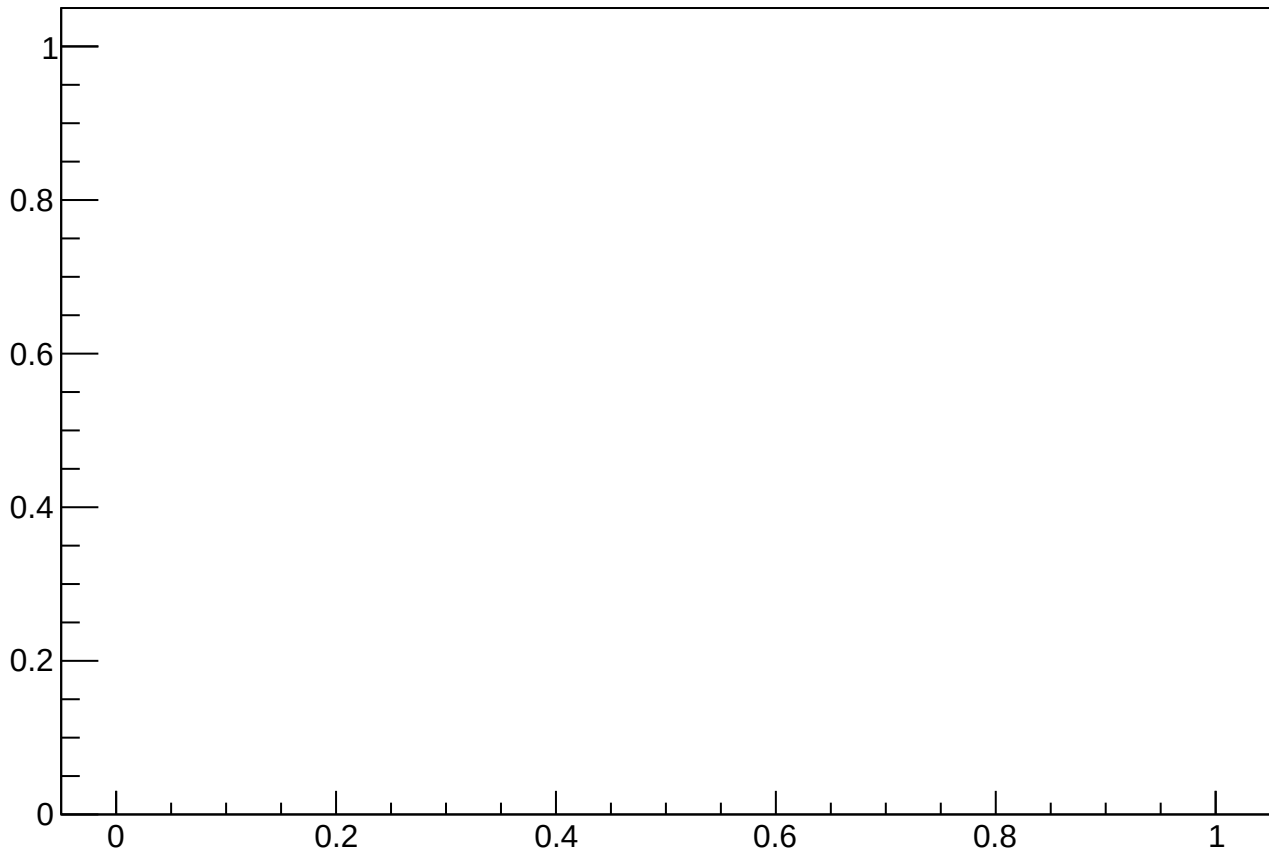
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_mean vs Slug



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

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

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

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

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

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

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

dit_scandata2_rms vs Slug



Right In: 0.000+/-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

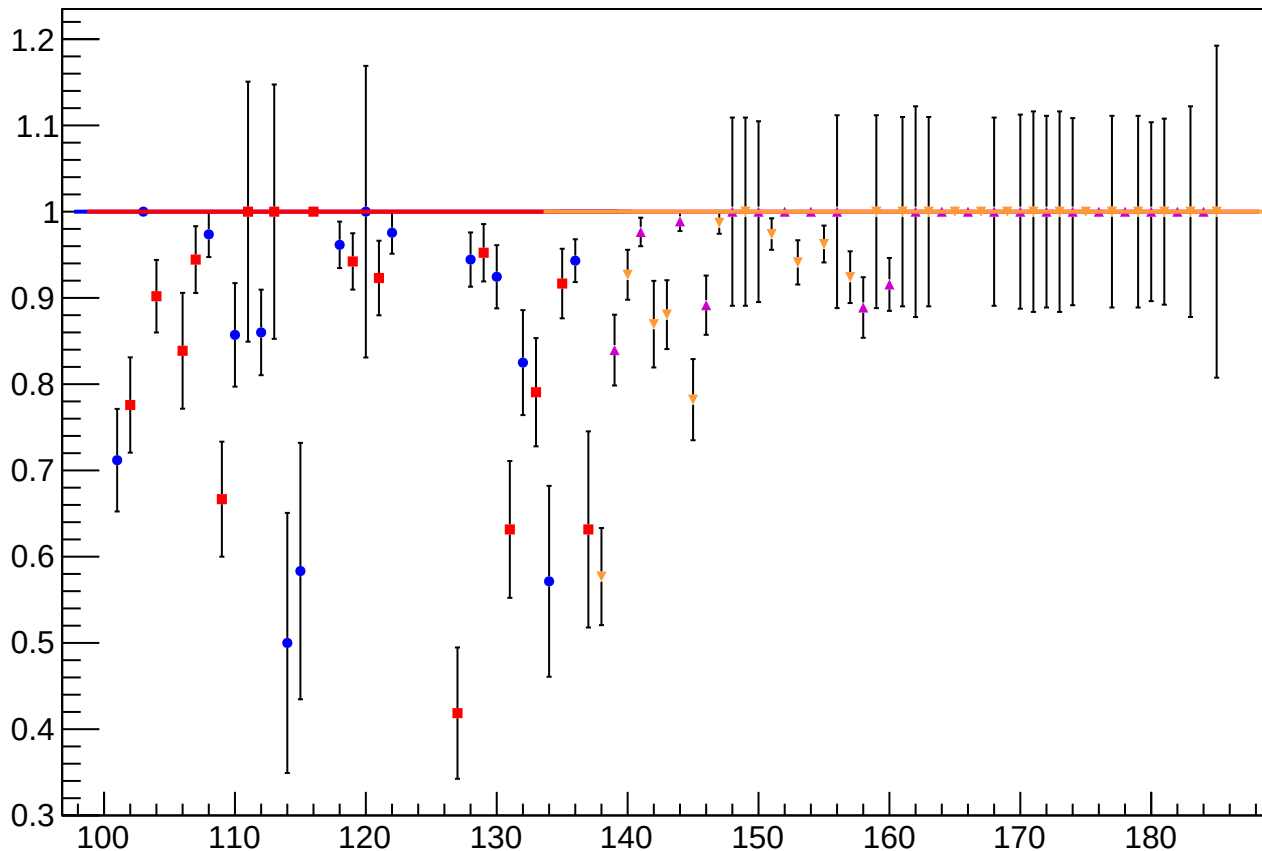
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

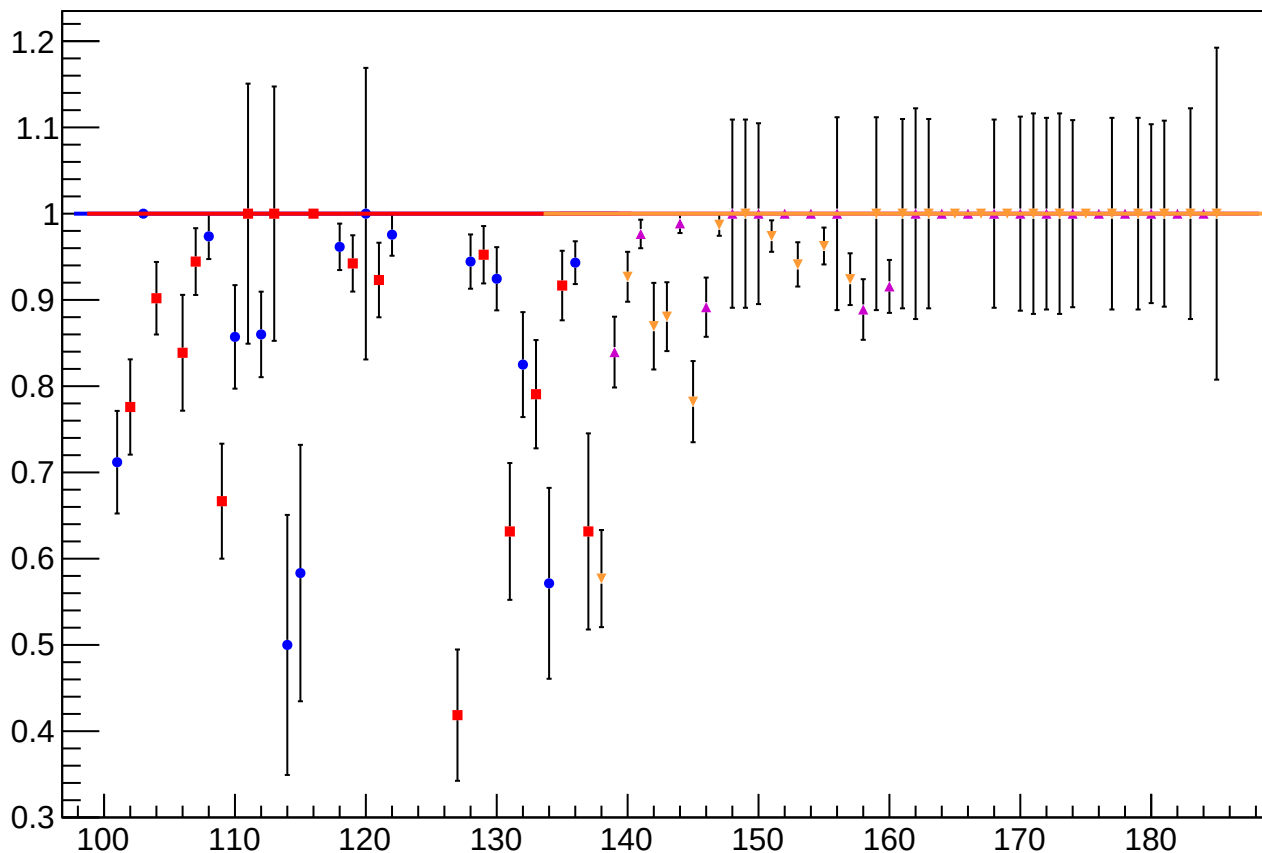
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 1.000 $\pm$ 0.000 χ^2 /NDF:1596.8/24

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

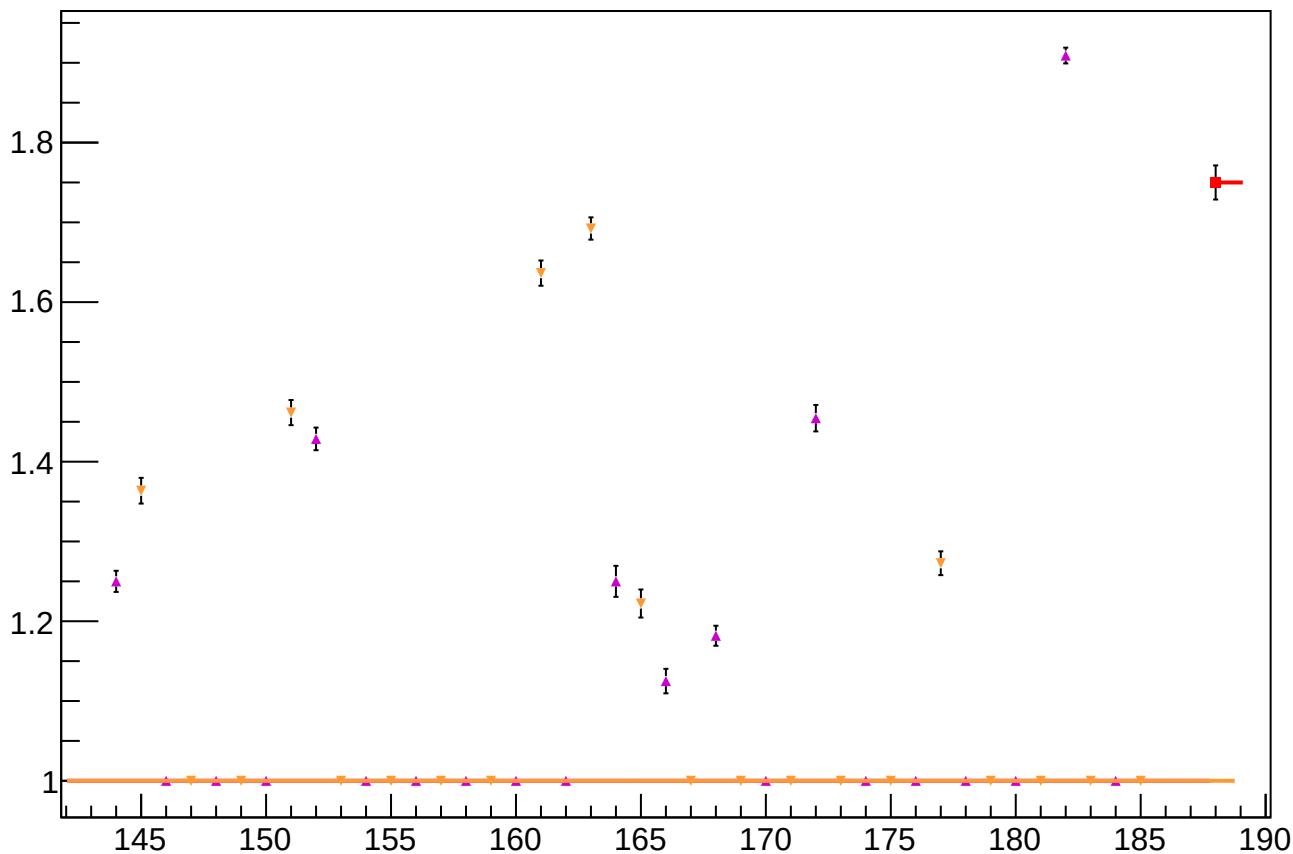
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF:385.6/22

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 567.7/39

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 1354.4/78

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 610.7/38

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: 1.750+/-0.021 χ^2/NDF : 0.0/0

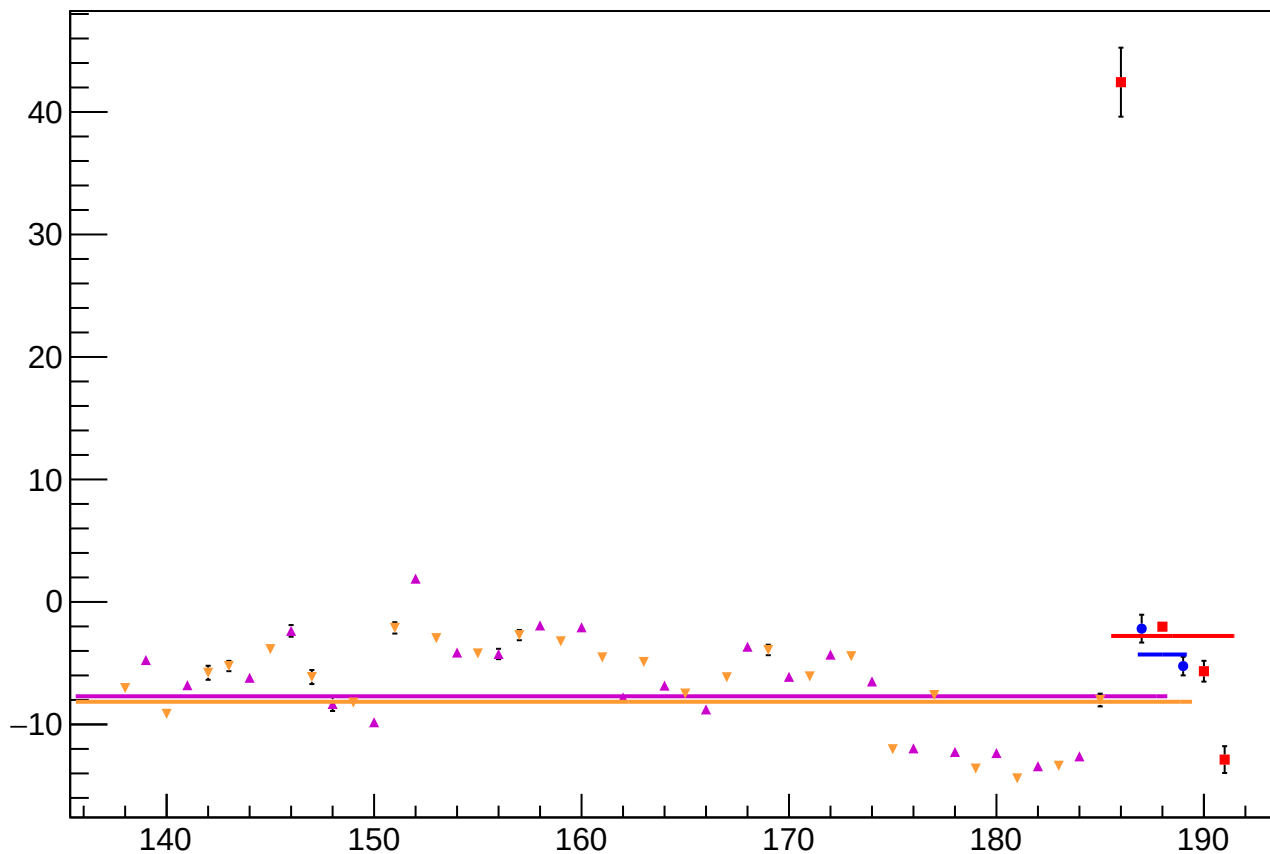
Left In: 1.000+/-0.000 χ^2/NDF :12089.0/20

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 20344.2/42

- sign 1.000+/-0.000 χ^2/NDF : 13319.6/21

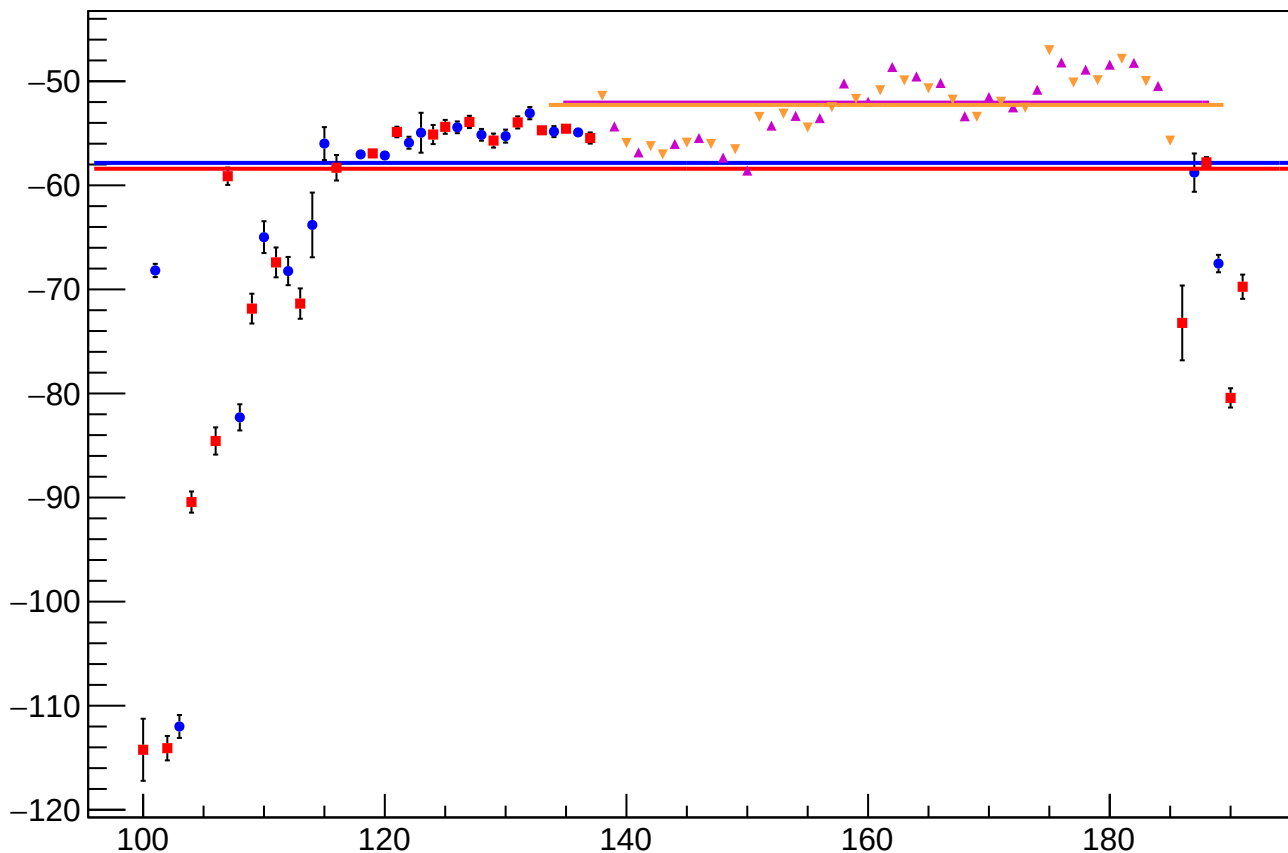
reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -4.292 ± 0.632 $\chi^2/\text{NDF}: 5.0/1$
 Left Out: -8.149 ± 0.068 $\chi^2/\text{NDF}: 3613.1/24$
 Right Out: -2.777 ± 0.299 $\chi^2/\text{NDF}: 359.0/3$
 Left In: -7.701 ± 0.068 $\chi^2/\text{NDF}: 3737.2/22$

+ sign -8.106 ± 0.067 $\chi^2/\text{NDF}: 3654.9/26$
 All: -7.779 ± 0.047 $\chi^2/\text{NDF}: 8056.3/53$
 - sign -7.456 ± 0.067 $\chi^2/\text{NDF}: 4354.3/26$

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: -58.405 ± 0.135 $\chi^2/\text{NDF}: 5398.5/22$

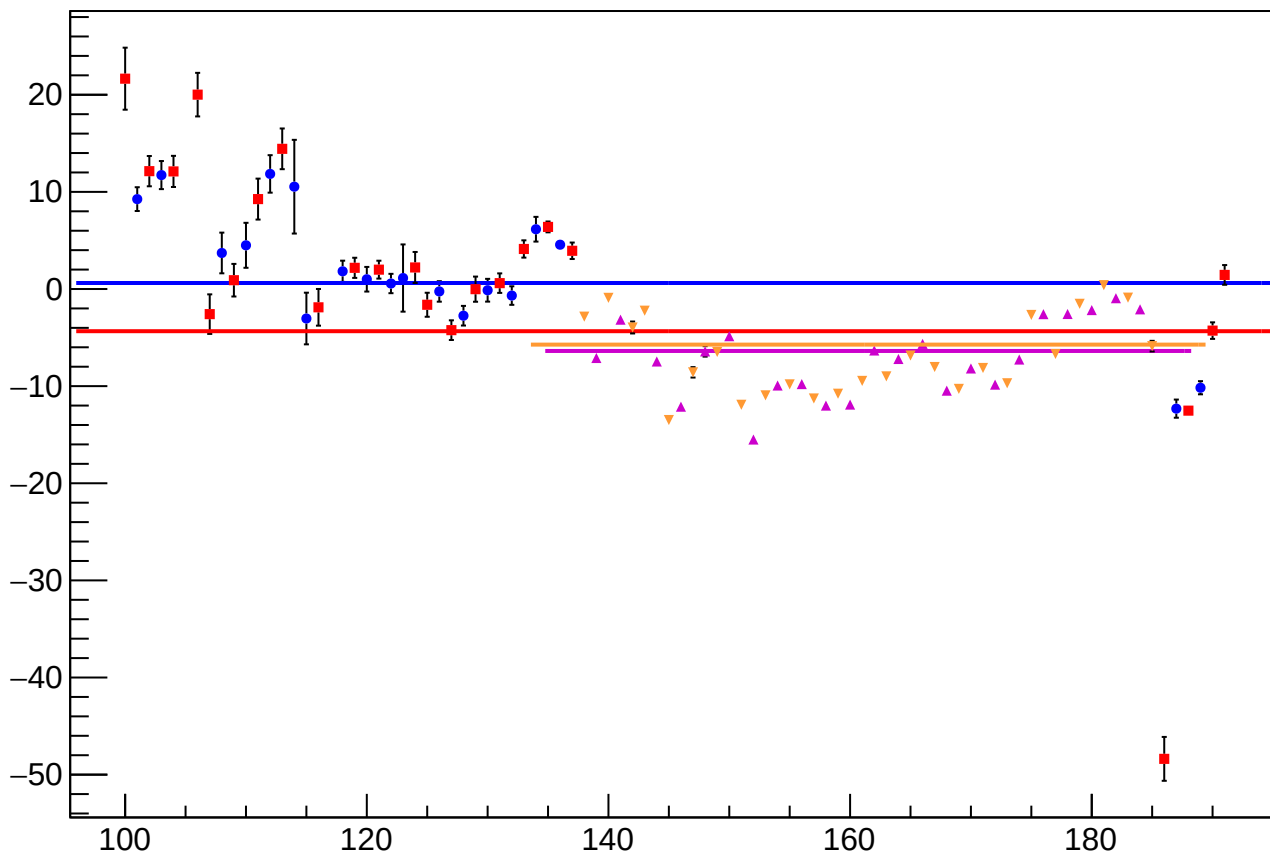
Left In: -52.050 ± 0.057 $\chi^2/\text{NDF}: 3197.5/22$

+ sign -53.030 ± 0.051 $\chi^2/\text{NDF}: 7590.2/43$

All: -53.020 ± 0.037 $\chi^2/\text{NDF}: 18065.8/89$

- sign -53.011 ± 0.053 $\chi^2/\text{NDF}: 10475.5/45$

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: -4.343 ± 0.182 χ^2/NDF : 2550.0/22

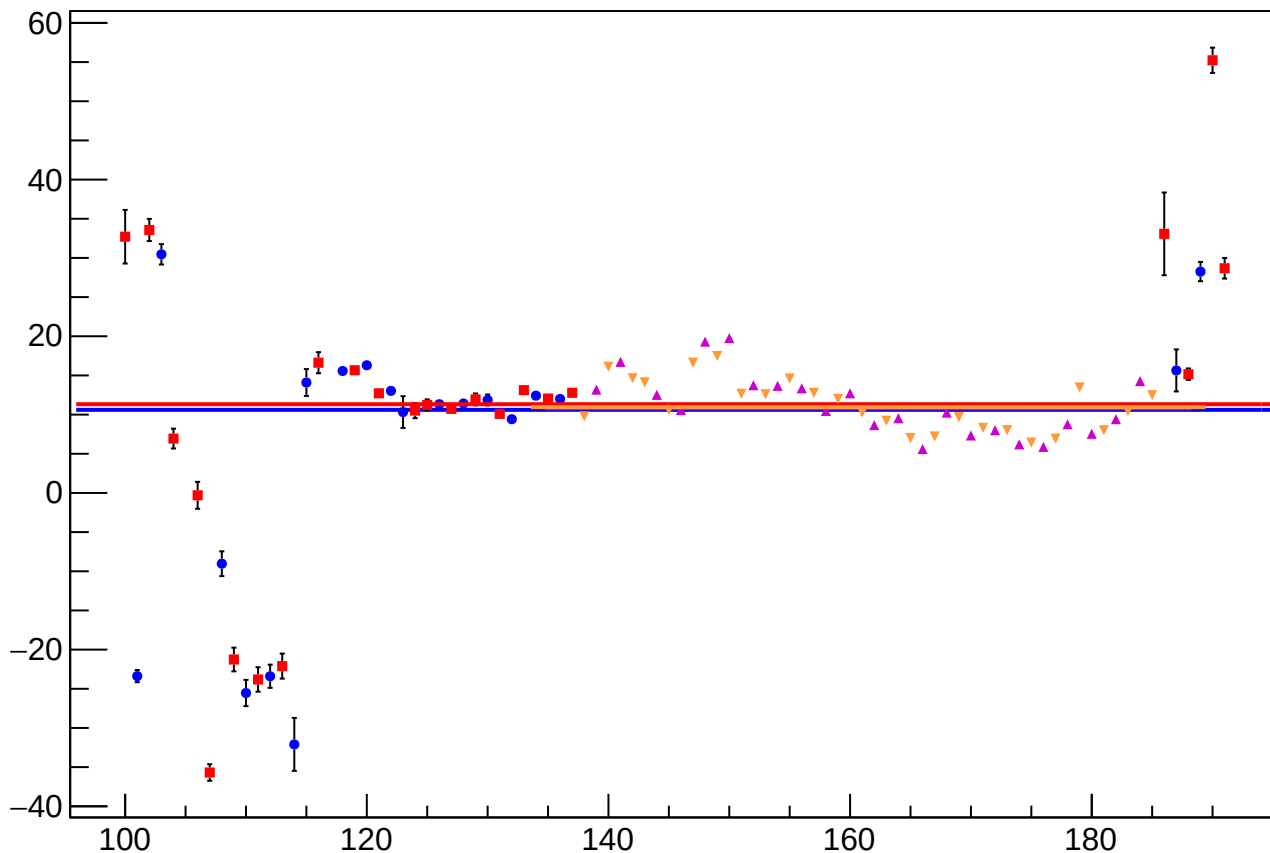
Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

+ sign -5.232 ± 0.065 χ^2/NDF : 5401.1/43

All: -5.688 ± 0.046 χ^2/NDF : 11552.7/89

- sign -6.129 ± 0.064 χ^2/NDF : 6054.9/45

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: 11.327 $\pm$ 0.154 χ^2 /NDF: 4822.4/22

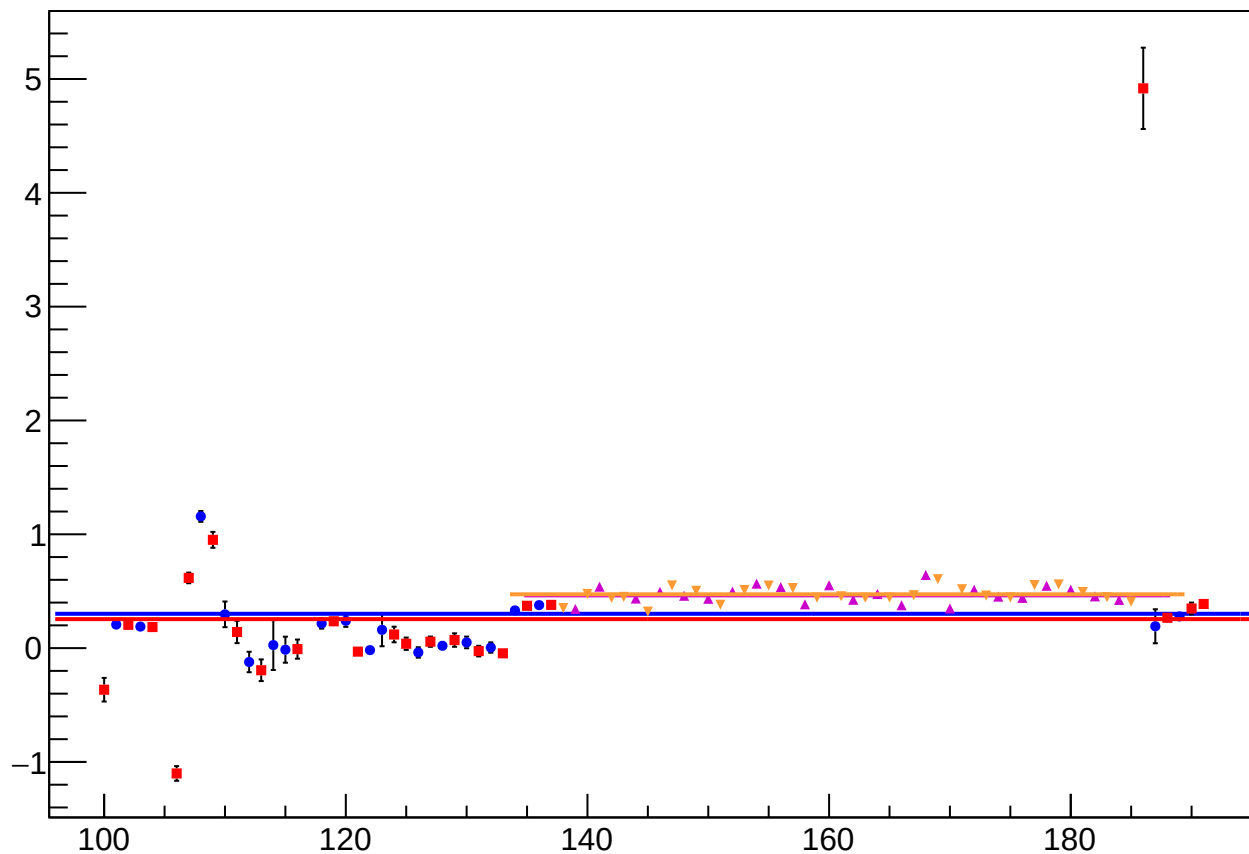
Left In: 10.818 $\pm$ 0.063 χ^2 /NDF: 3577.7/22

+ sign 10.904 $\pm$ 0.057 χ^2 /NDF: 6549.8/43

All: 10.897 $\pm$ 0.041 χ^2 /NDF: 14959.2/89

- sign 10.891 $\pm$ 0.058 χ^2 /NDF: 8409.4/45

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: 0.255 ± 0.008 χ^2/NDF : 1176.6/22

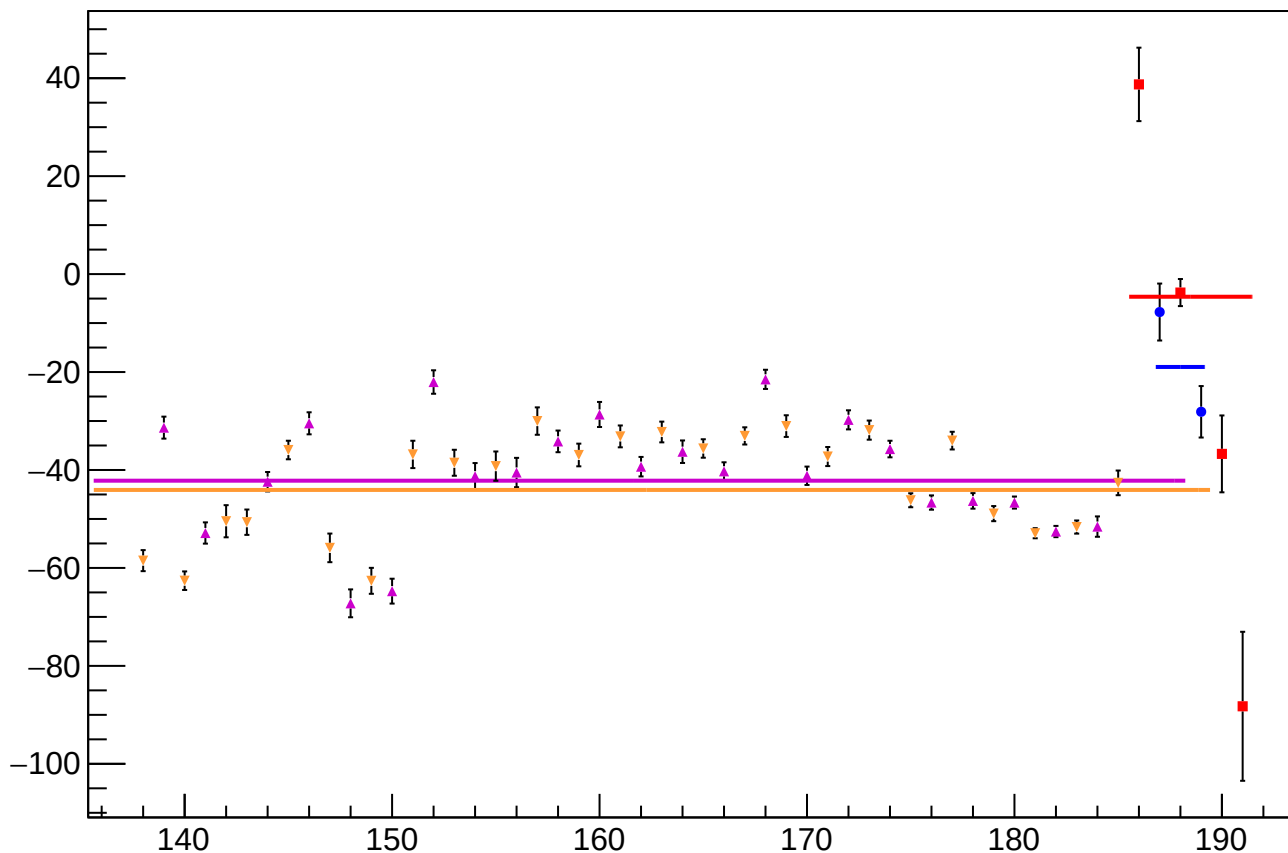
Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

+ sign 0.455 ± 0.003 χ^2/NDF : 1567.5/43

All: 0.448 ± 0.002 χ^2/NDF : 4128.3/89

- sign 0.441 ± 0.003 χ^2/NDF : 2546.4/45

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: -4.624 ± 2.432 χ^2/NDF : 80.5/3

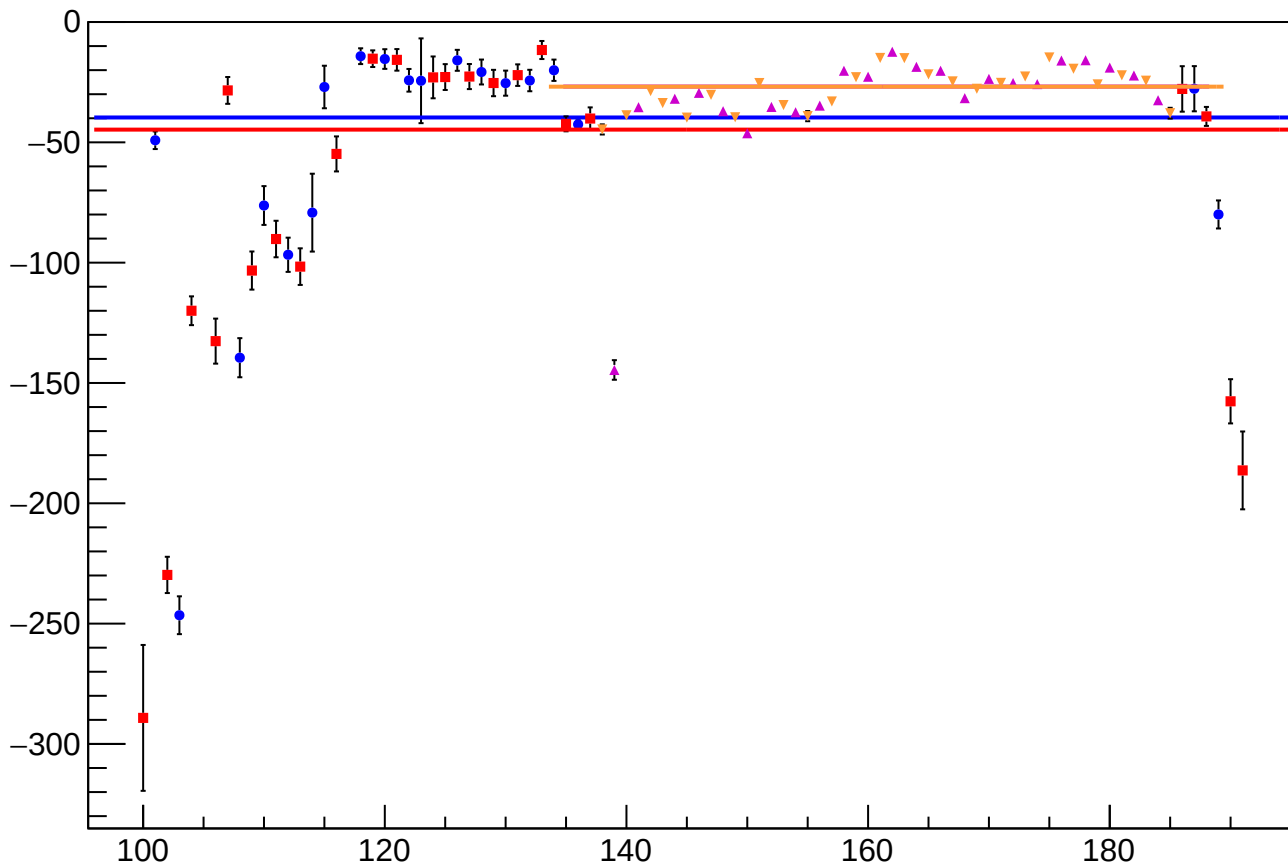
Left In: -42.185 ± 0.398 χ^2/NDF : 651.0/22

+ sign -43.826 ± 0.387 χ^2/NDF : 680.7/26

All: -42.533 ± 0.276 χ^2/NDF : 1667.1/53

- sign -41.208 ± 0.392 χ^2/NDF : 963.9/26

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: -44.715 ± 1.137 χ^2/NDF : 1577.0/22

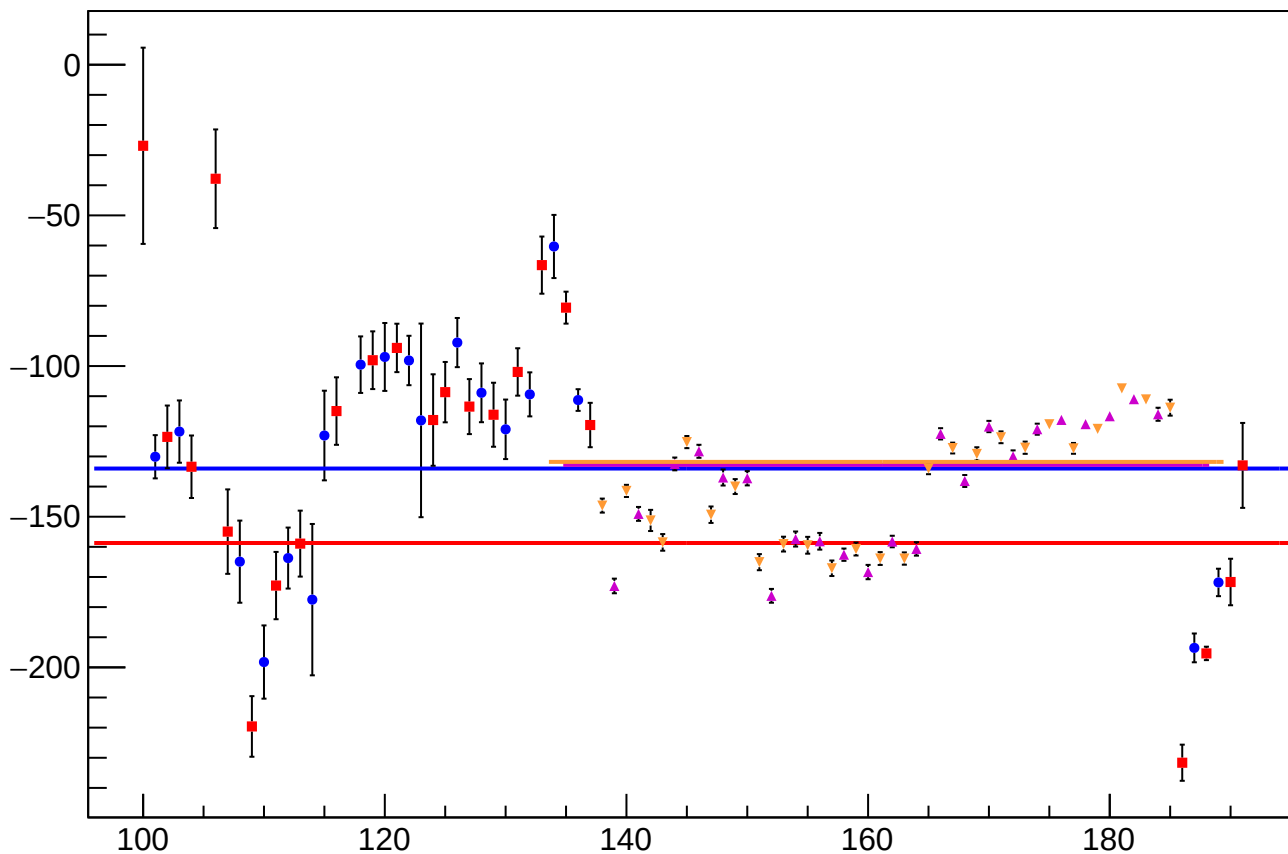
Left In: -26.825 ± 0.325 χ^2/NDF : 1481.6/22

+ sign -27.836 ± 0.305 χ^2/NDF : 1936.1/43

All: -28.003 ± 0.218 χ^2/NDF : 5224.1/89

- sign -28.180 ± 0.313 χ^2/NDF : 3287.4/45

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: -158.721 ± 1.480 $\chi^2/\text{NDF}: 1135.9/22$

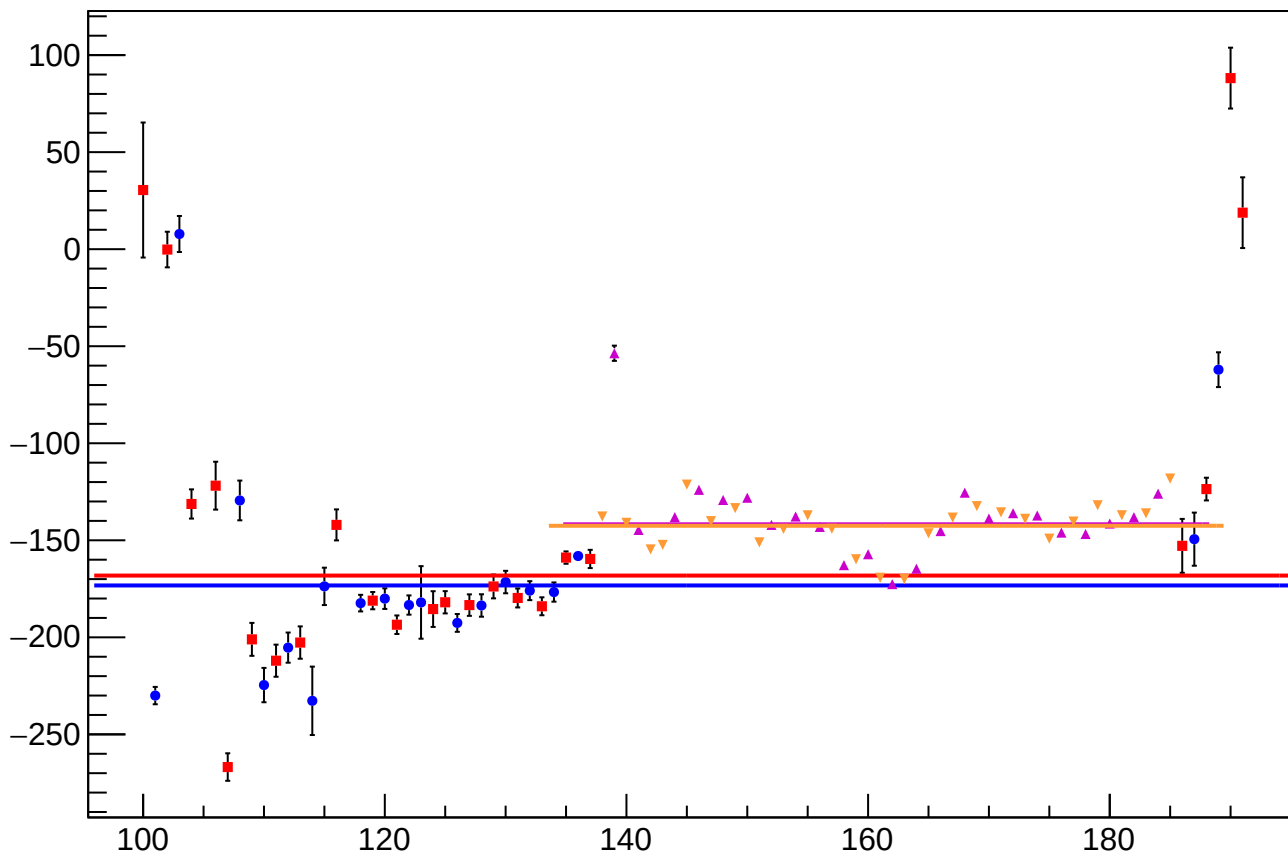
Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

+ sign -131.910 ± 0.383 $\chi^2/\text{NDF}: 2868.5/43$

All: -133.222 ± 0.271 $\chi^2/\text{NDF}: 6829.8/89$

- sign -134.546 ± 0.384 $\chi^2/\text{NDF}: 3937.7/45$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -173.268 $\pm$ 1.250 χ^2 /NDF: 853.5/18

Left Out: -142.517 $\pm$ 0.355 χ^2 /NDF:1144.2/24

Right Out: -168.177 $\pm$ 1.307 χ^2 /NDF: 1185.7/22

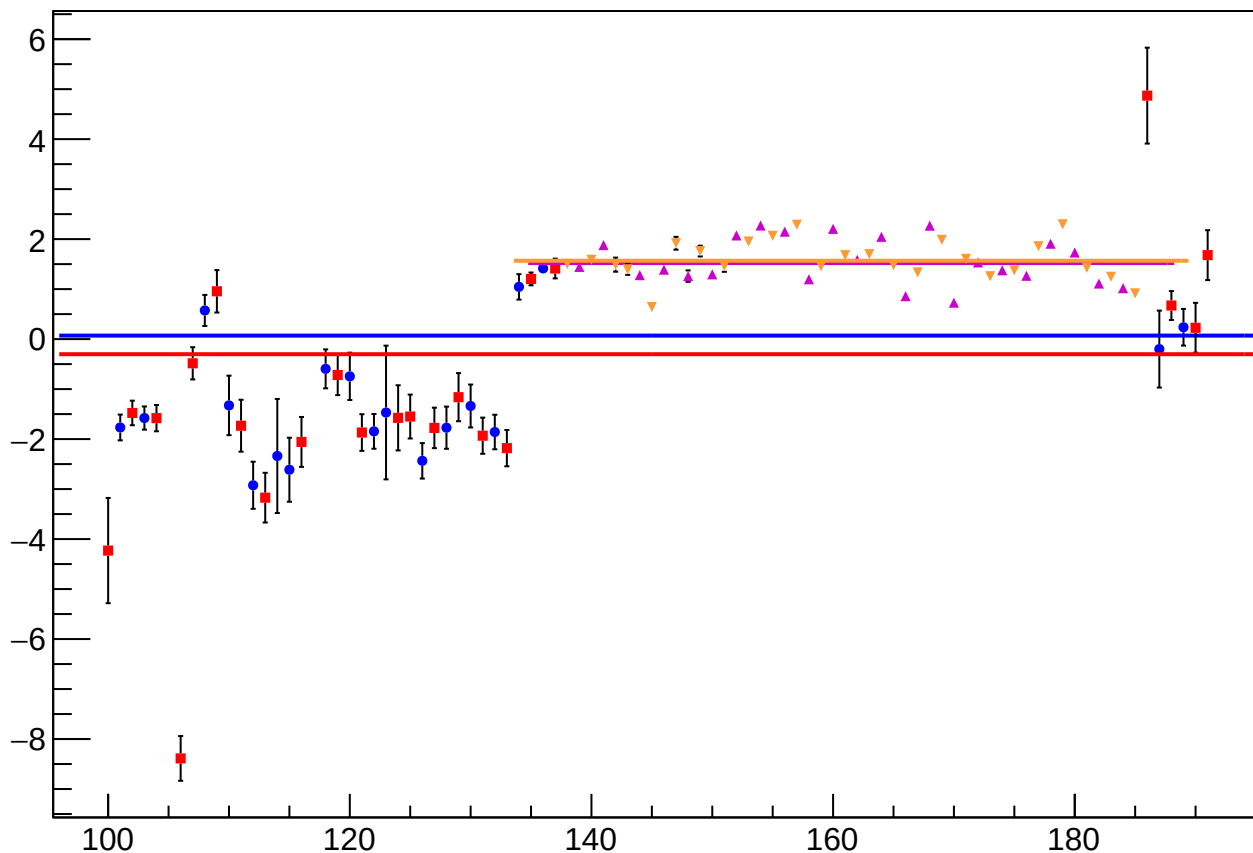
Left In: -141.769 $\pm$ 0.363 χ^2 /NDF:1604.4/22

+ sign -144.810 $\pm$ 0.341 χ^2 /NDF: 2557.8/43

All: -144.247 $\pm$ 0.244 χ^2 /NDF: 5732.6/89

- sign -143.657 $\pm$ 0.349 χ^2 /NDF: 3169.2/45

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: -0.302 ± 0.068 χ^2/NDF : 816.0/22

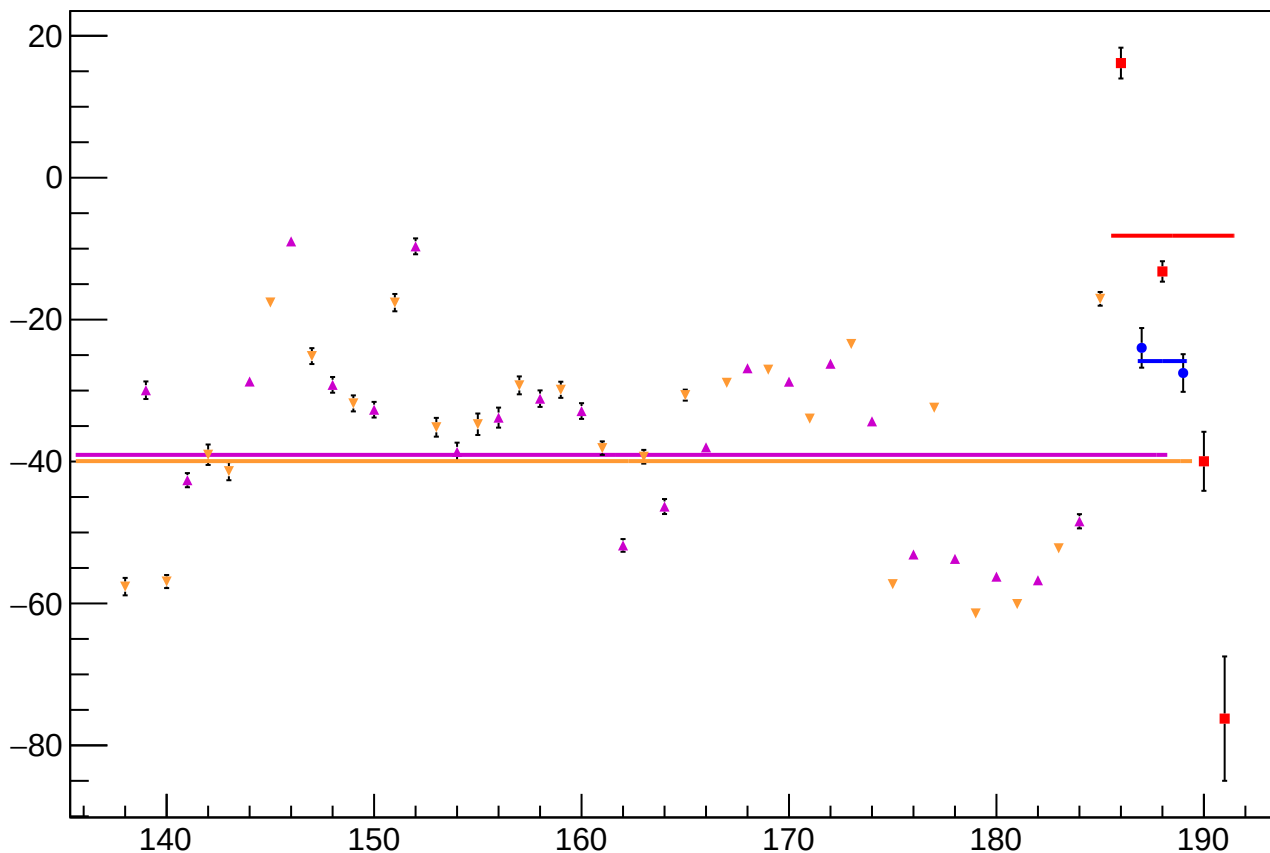
Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

+ sign 1.482 ± 0.016 χ^2/NDF : 1558.0/43

All: 1.451 ± 0.011 χ^2/NDF : 3808.1/89

- sign 1.420 ± 0.016 χ^2/NDF : 2242.6/45

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -25.843 ± 1.924 $\chi^2/\text{NDF}: 0.8/1$

Left Out: -39.942 ± 0.153 $\chi^2/\text{NDF}: 9806.2/24$

Right Out: -8.172 ± 1.143 $\chi^2/\text{NDF}: 256.4/3$

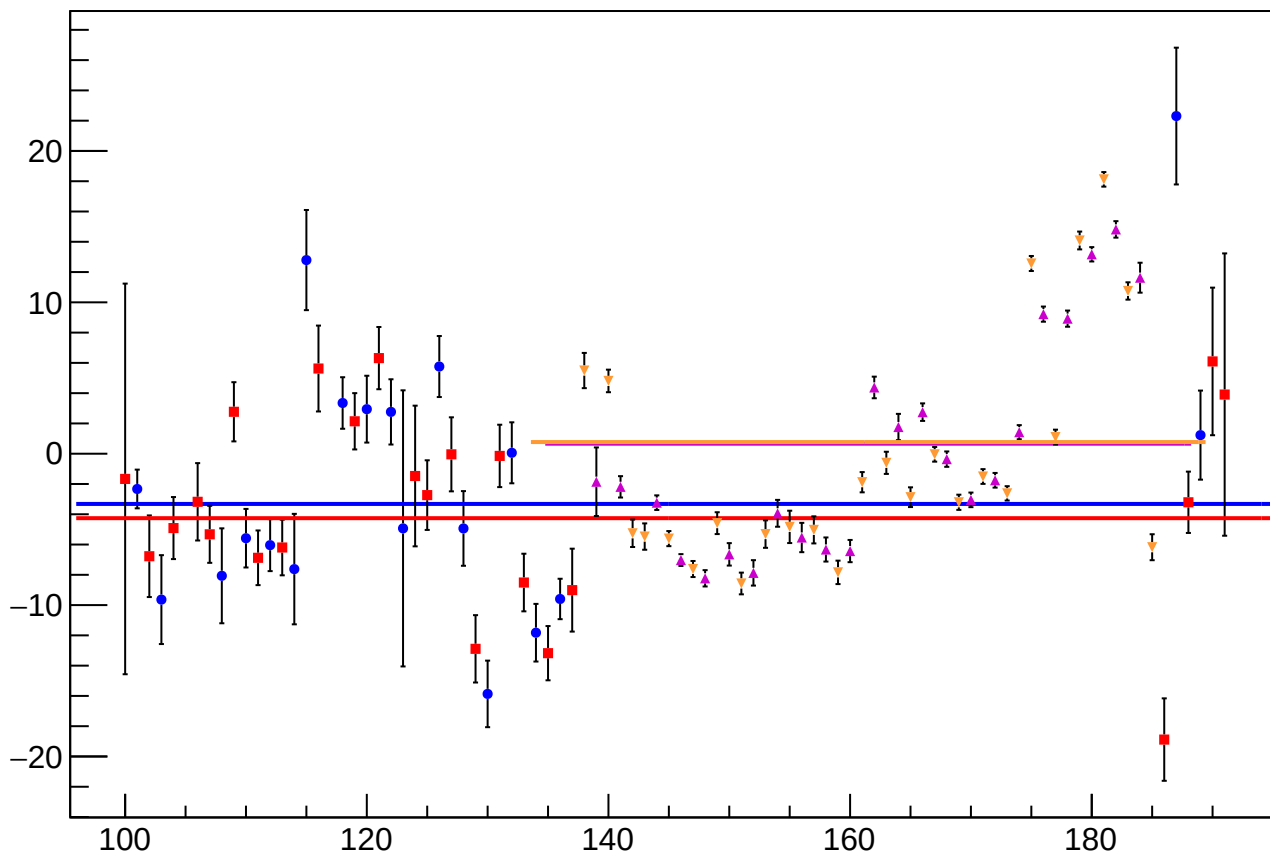
Left In: -39.060 ± 0.154 $\chi^2/\text{NDF}: 8577.0/22$

+ sign -39.853 ± 0.153 $\chi^2/\text{NDF}: 9860.4/26$

All: -39.180 ± 0.108 $\chi^2/\text{NDF}: 19449.5/53$

- sign -38.510 ± 0.153 $\chi^2/\text{NDF}: 9550.5/26$

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.318 $\pm$ 0.485 χ^2/NDF : 200.6/18

Left Out: 0.770 $\pm$ 0.124 χ^2/NDF :3952.9/24

Right Out: -4.259 $\pm$ 0.481 χ^2/NDF : 158.1/22

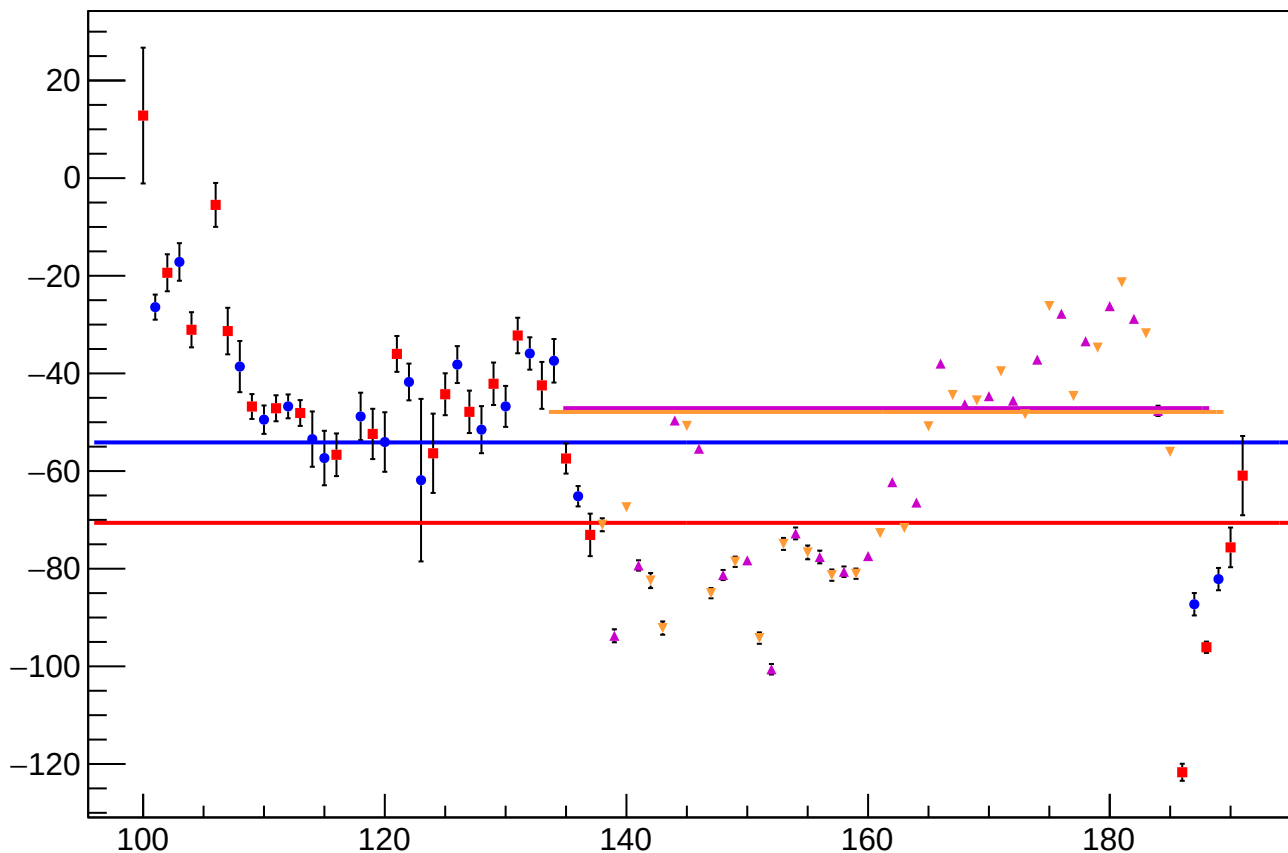
Left In: 0.662 $\pm$ 0.124 χ^2/NDF :3340.9/22

+ sign 0.518 $\pm$ 0.120 χ^2/NDF : 4220.2/43

All: 0.437 $\pm$ 0.085 χ^2/NDF : 7818.2/89

- sign 0.355 $\pm$ 0.120 χ^2/NDF : 3597.2/45

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -54.133 ± 0.774 χ^2/NDF : 693.3/18

Left Out: -47.888 ± 0.155 χ^2/NDF : 16707.2/24

Right Out: -70.605 ± 0.639 χ^2/NDF : 2583.7/22

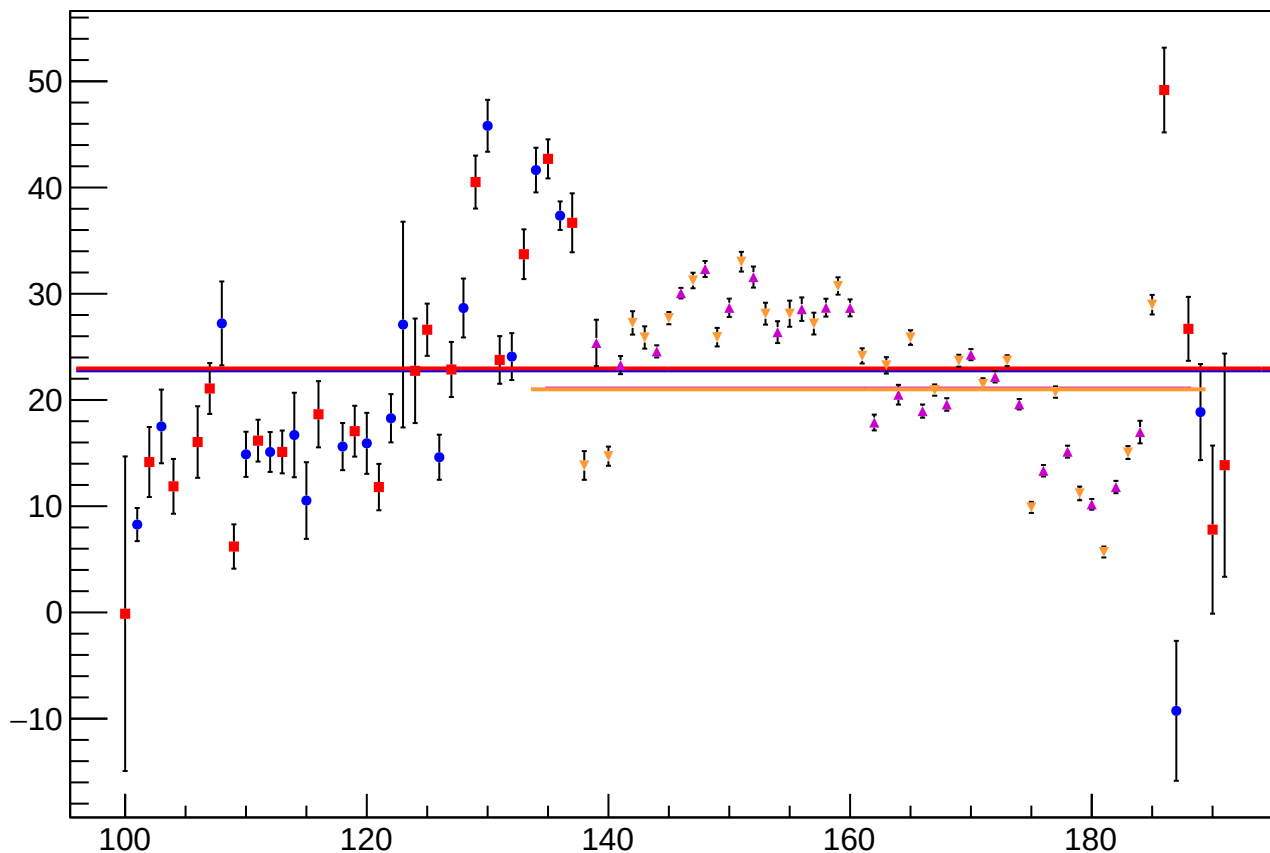
Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

+ sign -48.129 ± 0.152 χ^2/NDF : 17463.1/43

All: -48.272 ± 0.107 χ^2/NDF : 36979.2/89

- sign -48.412 ± 0.150 χ^2/NDF : 19514.3/45

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: 22.966 $\pm$ 0.555 χ^2 /NDF: 420.4/22

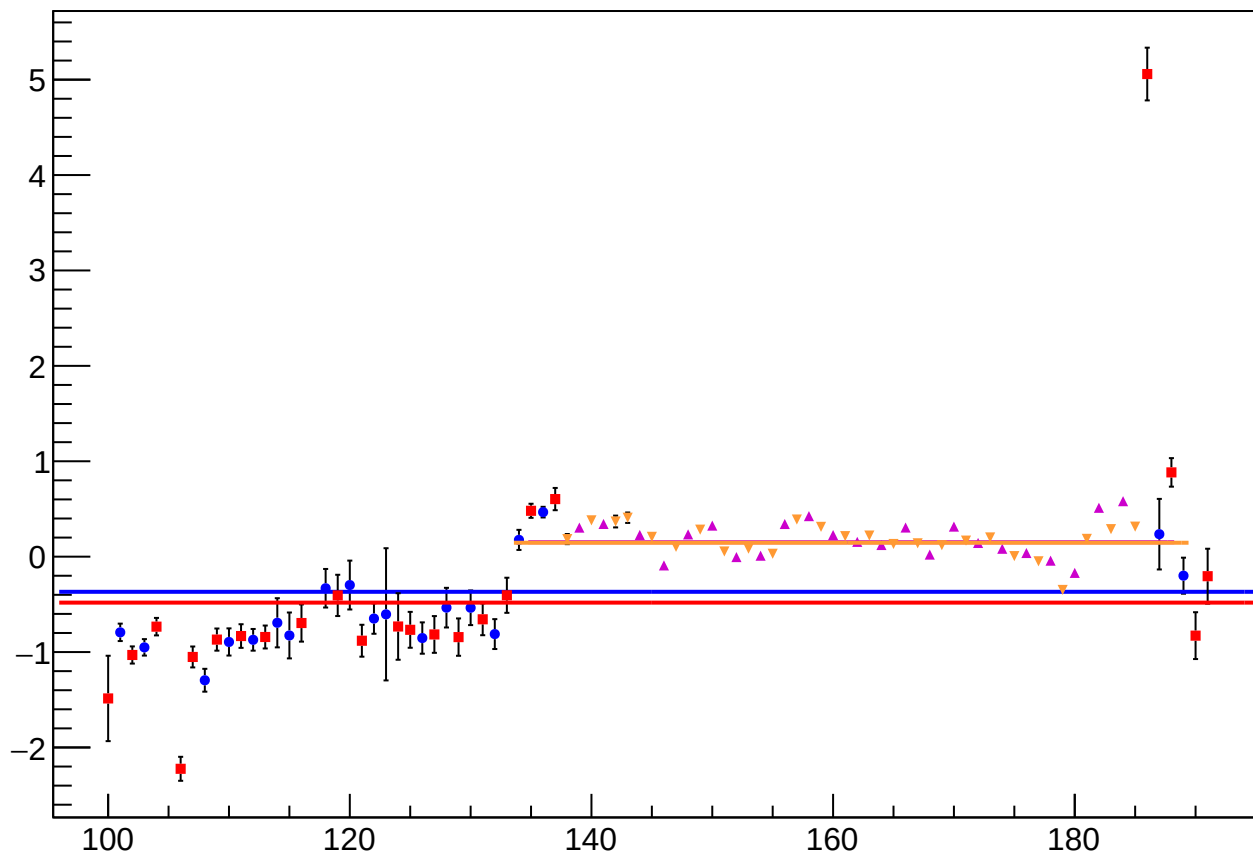
Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

+ sign 21.112 $\pm$ 0.135 χ^2 /NDF: 3285.3/43

All: 21.147 $\pm$ 0.095 χ^2 /NDF: 5893.6/89

- sign 21.181 $\pm$ 0.135 χ^2 /NDF: 2608.2/45

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: -0.482 ± 0.029 χ^2/NDF : 1059.3/22

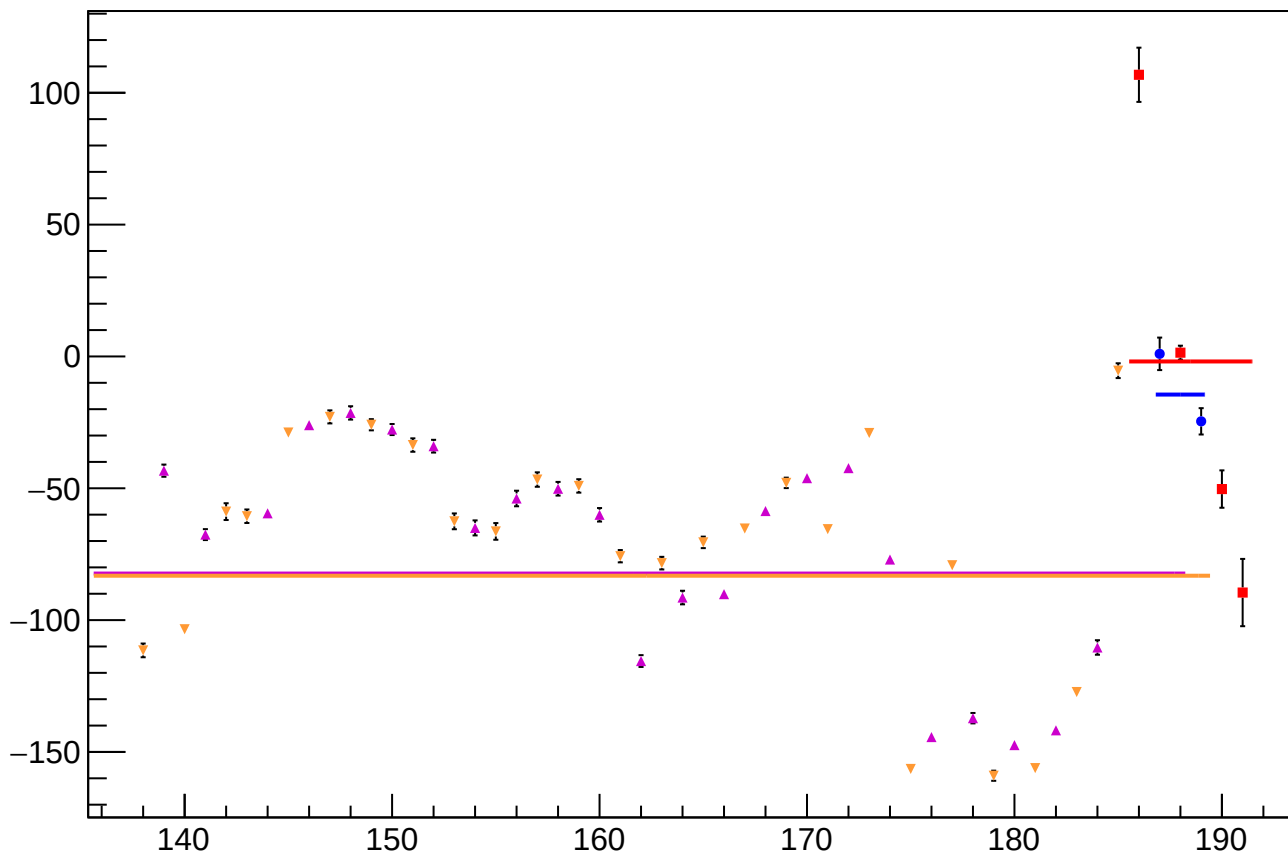
Left In: 0.151 ± 0.006 χ^2/NDF : 873.9/22

+ sign 0.123 ± 0.006 χ^2/NDF : 1339.1/43

All: 0.123 ± 0.004 χ^2/NDF : 3725.6/89

- sign 0.122 ± 0.006 χ^2/NDF : 2386.4/45

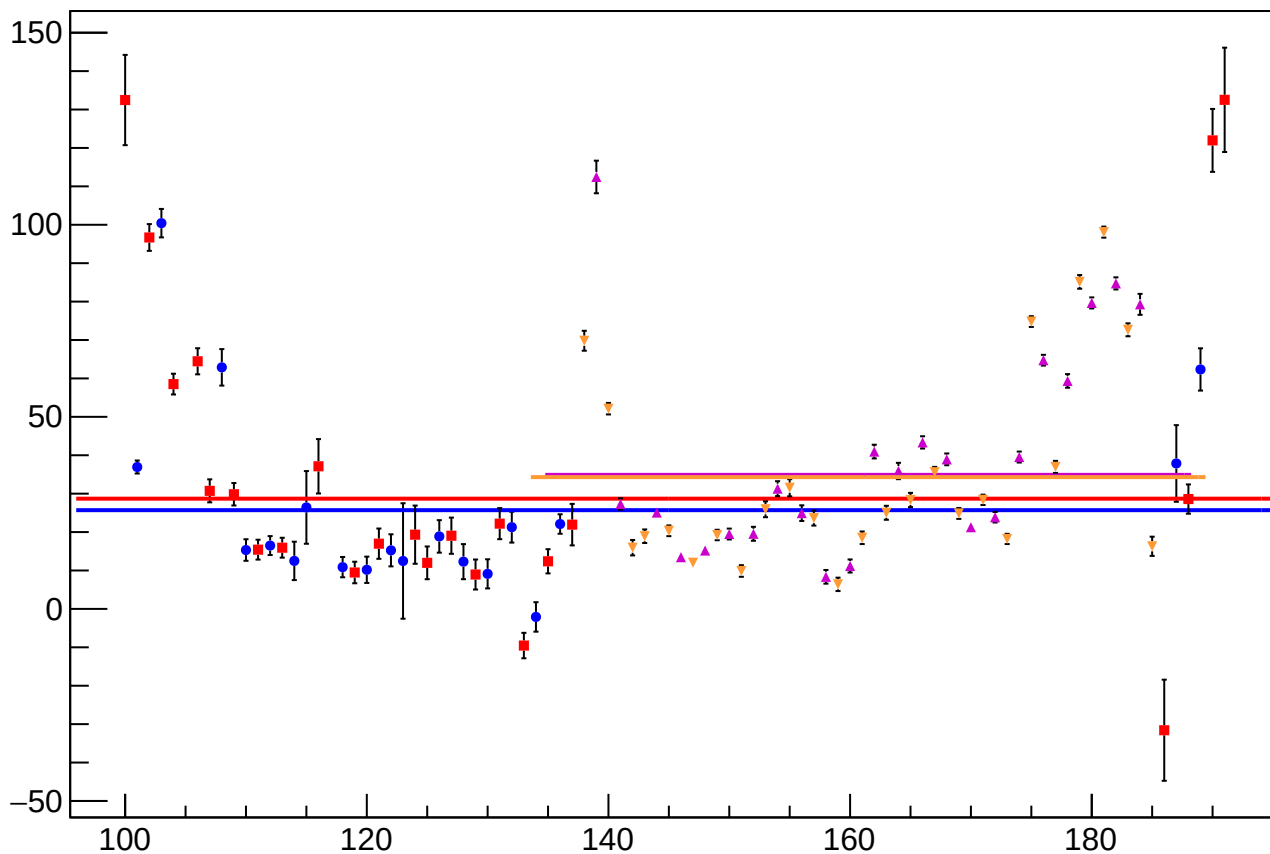
reg_asym_sam4_diff_bpm1X_slope vs Slug



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: -1.902 ± 2.373 χ^2/NDF : 207.2/3
 Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

+ sign -82.415 ± 0.405 χ^2/NDF : 14114.7/26
 All: -81.202 ± 0.287 χ^2/NDF : 26410.2/53
 - sign -79.977 ± 0.407 χ^2/NDF : 12277.4/26

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: 28.697 ± 0.786 $\chi^2/\text{NDF}: 1219.9/22$

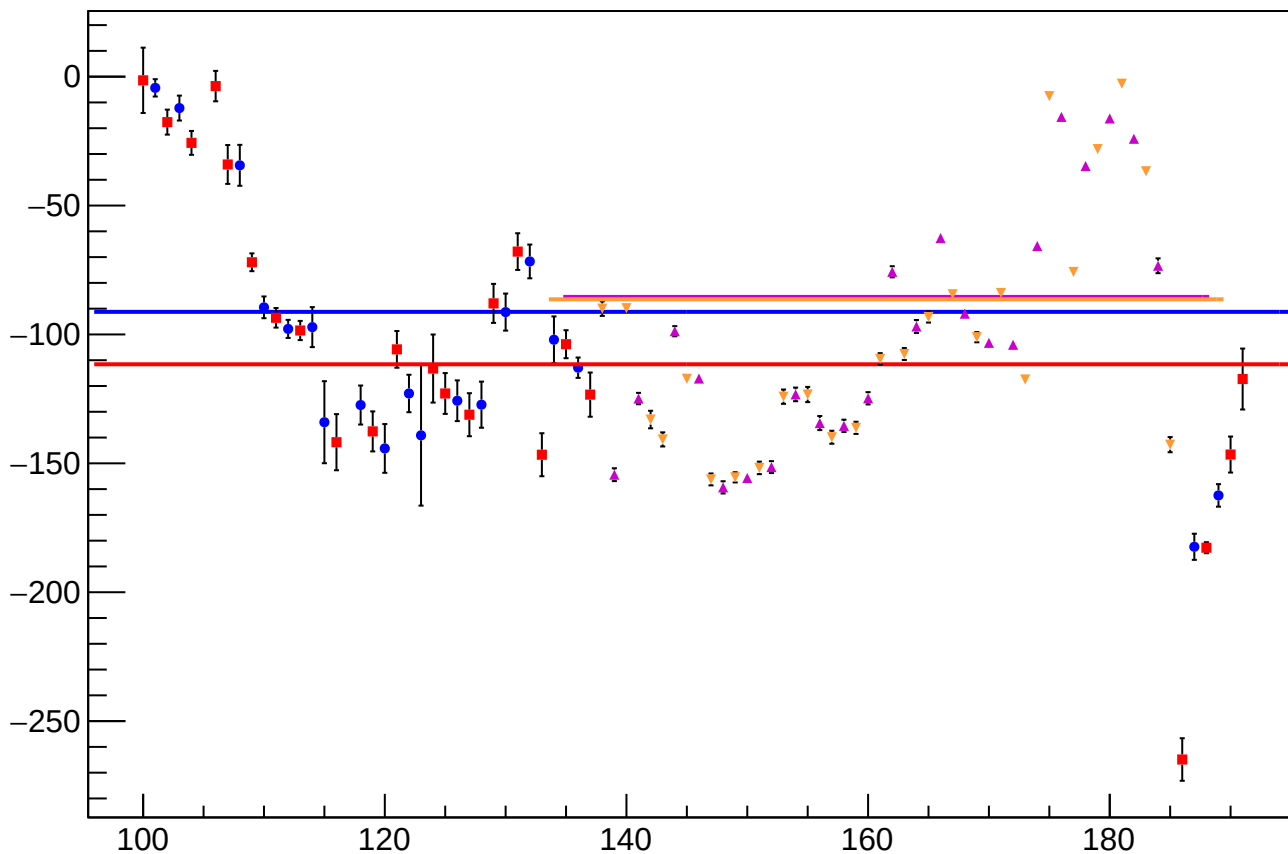
Left In: 34.893 ± 0.328 $\chi^2/\text{NDF}: 4754.6/22$

+ sign 33.087 ± 0.297 $\chi^2/\text{NDF}: 7003.3/43$

All: 33.522 ± 0.212 $\chi^2/\text{NDF}: 13035.1/89$

- sign 33.974 ± 0.303 $\chi^2/\text{NDF}: 6027.4/45$

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: -111.574 ± 1.113 $\chi^2/\text{NDF}: 2967.9/22$

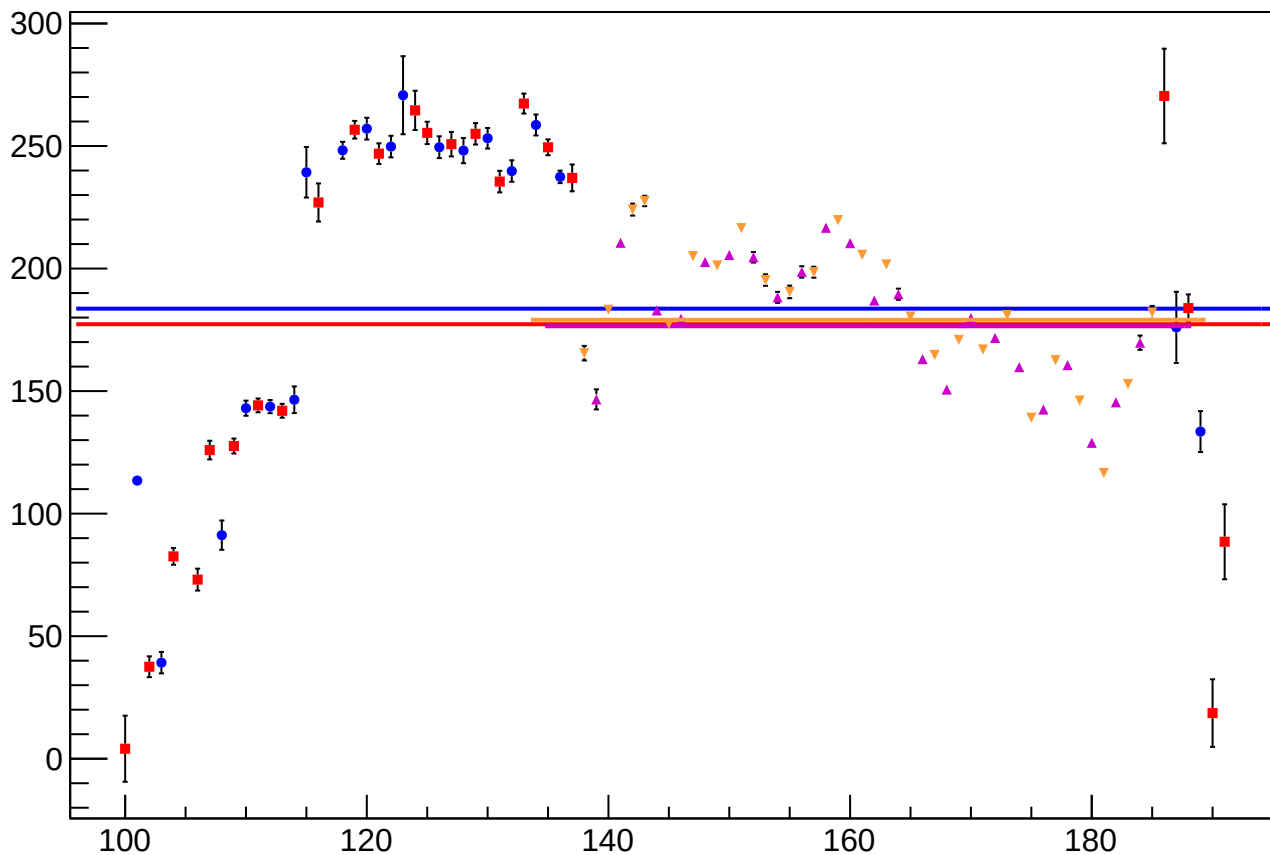
Left In: -85.441 ± 0.413 $\chi^2/\text{NDF}: 12998.9/22$

+ sign -86.816 ± 0.390 $\chi^2/\text{NDF}: 16184.2/43$

All: -87.716 ± 0.275 $\chi^2/\text{NDF}: 32645.8/89$

- sign -88.603 ± 0.387 $\chi^2/\text{NDF}: 16451.0/45$

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: 177.287 $\pm$ 0.907 χ^2 /NDF: 6522.2/22

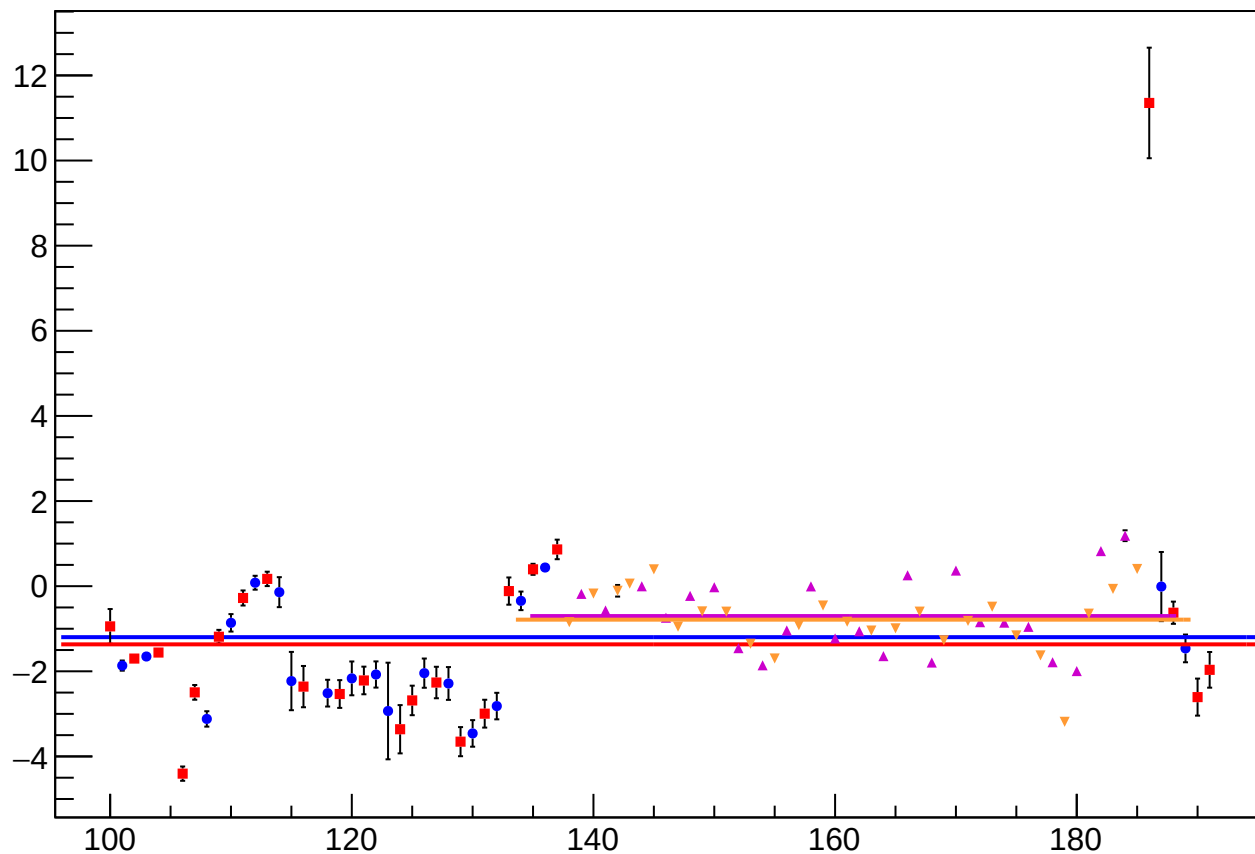
Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

+ sign 179.734 $\pm$ 0.337 χ^2 /NDF: 11336.9/43

All: 178.177 $\pm$ 0.240 χ^2 /NDF: 22345.4/89

- sign 176.568 $\pm$ 0.342 χ^2 /NDF: 10965.0/45

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: -1.367 ± 0.045 χ^2/NDF : 1038.8/22

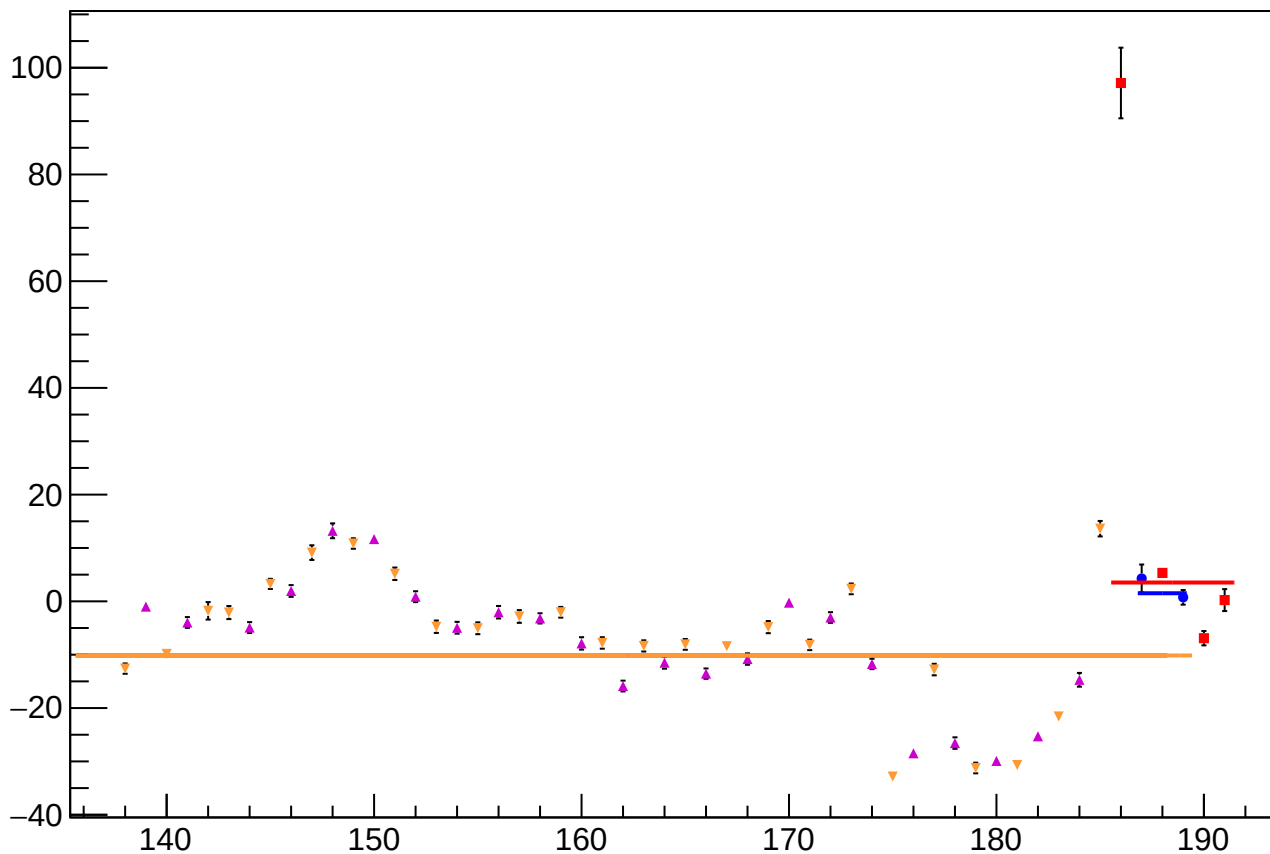
Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

+ sign -0.832 ± 0.016 χ^2/NDF : 2453.4/43

All: -0.808 ± 0.011 χ^2/NDF : 6112.6/89

- sign -0.785 ± 0.016 χ^2/NDF : 3654.8/45

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: 3.527 ± 0.554 $\chi^2/\text{NDF}: 270.5/3$

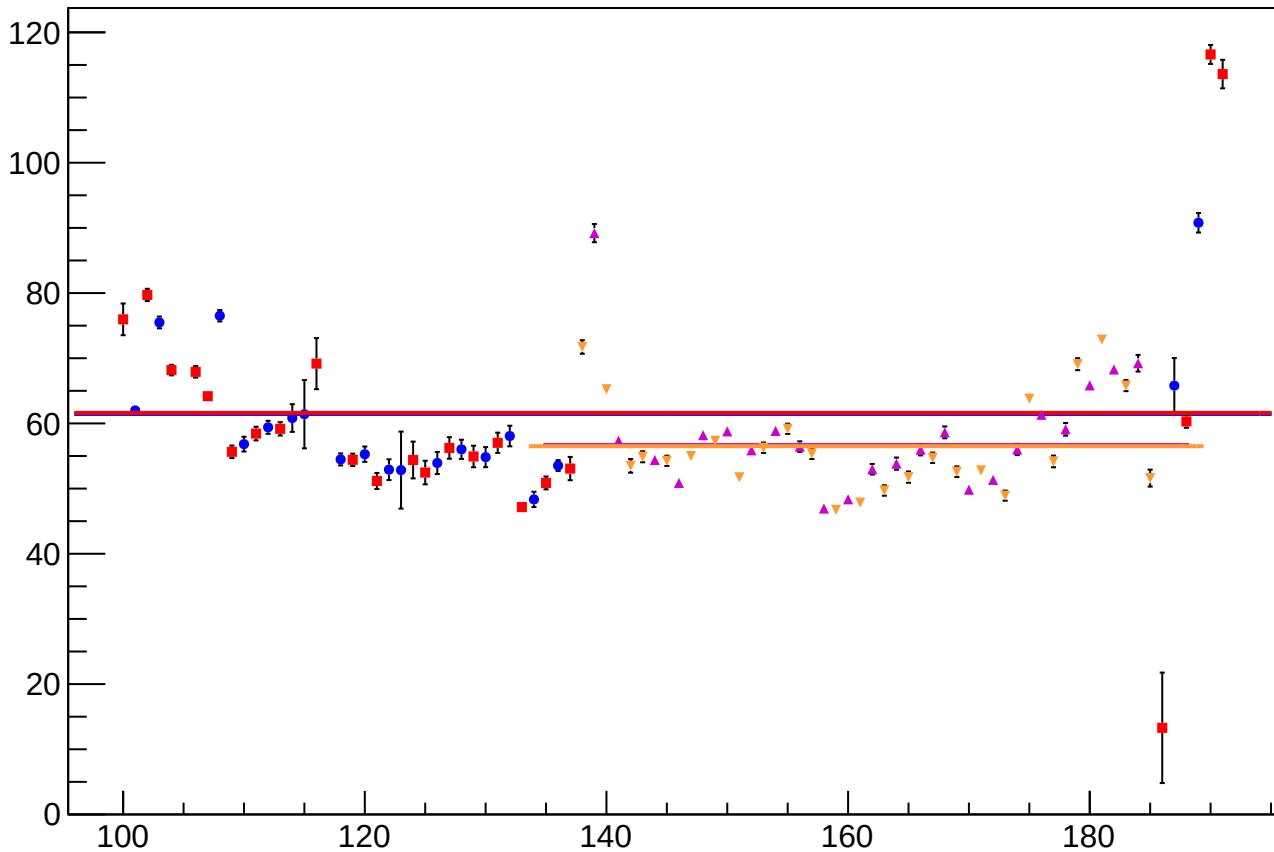
Left In: -10.149 ± 0.204 $\chi^2/\text{NDF}: 3491.7/22$

+ sign -9.835 ± 0.199 $\chi^2/\text{NDF}: 4219.5/26$

All: -9.151 ± 0.138 $\chi^2/\text{NDF}: 8540.5/53$

- sign -8.520 ± 0.191 $\chi^2/\text{NDF}: 4298.3/26$

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: 61.611 $\pm$ 0.236 χ^2 /NDF: 3415.6/22

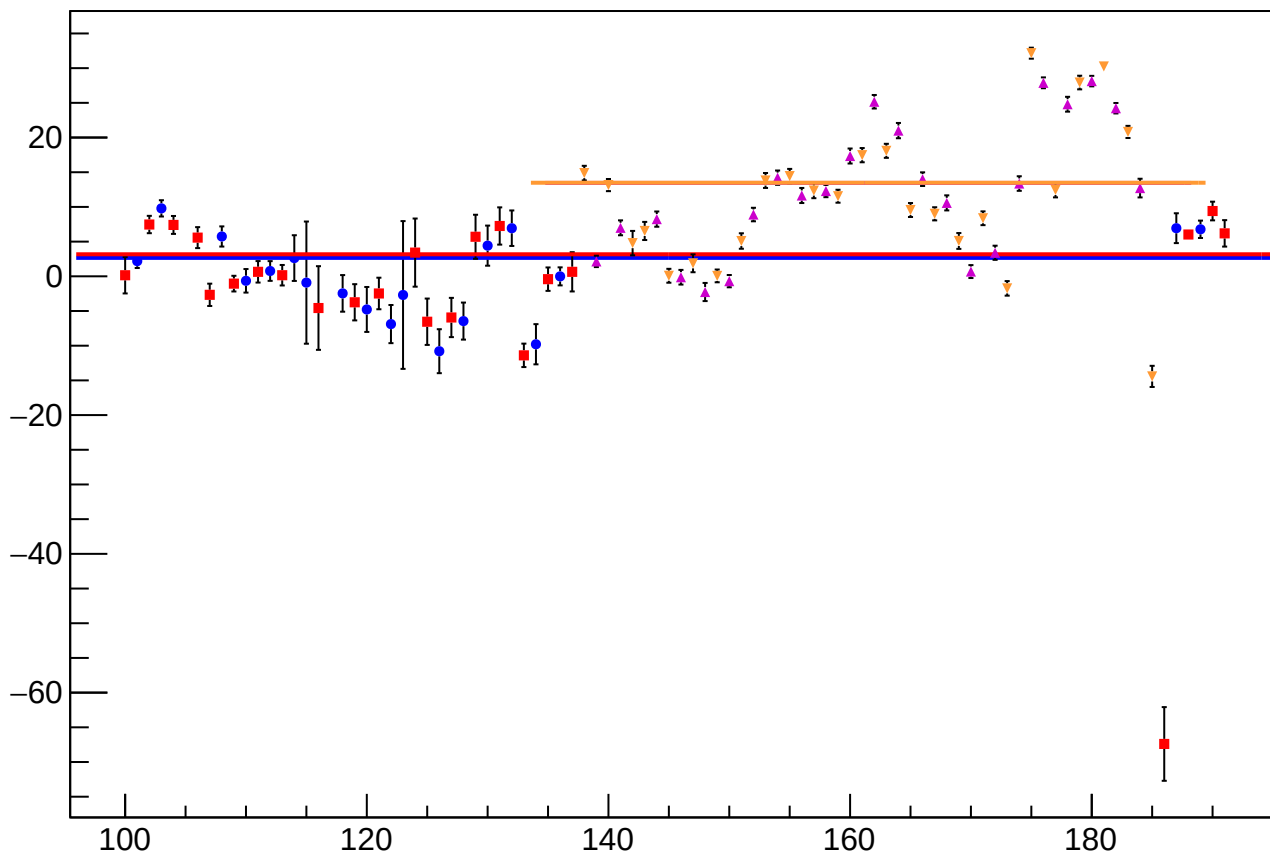
Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

+ sign 57.880 $\pm$ 0.135 χ^2 /NDF: 3554.0/43

All: 58.088 $\pm$ 0.096 χ^2 /NDF: 8949.1/89

- sign 58.295 $\pm$ 0.135 χ^2 /NDF: 5390.4/45

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: 3.175 ± 0.314 χ^2/NDF : 407.3/22

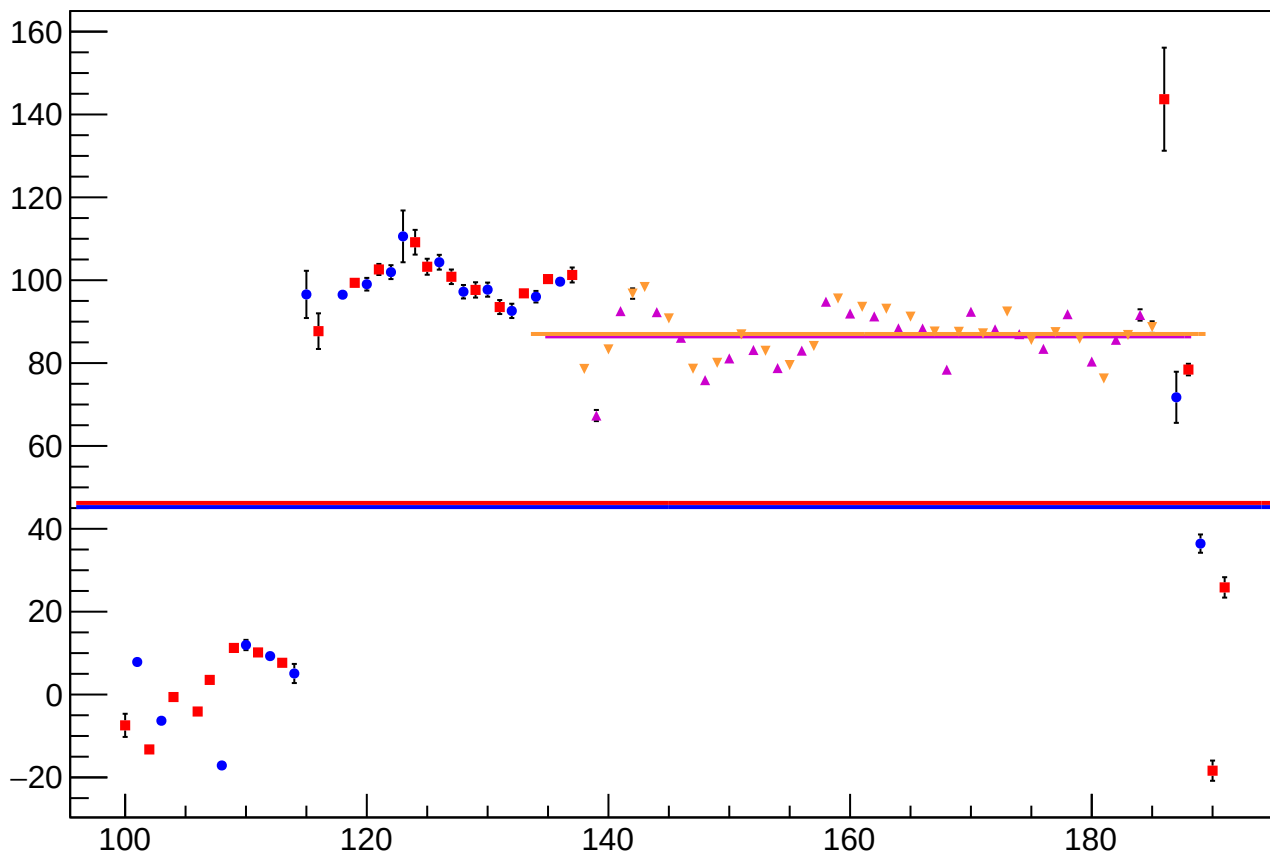
Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

+ sign 11.466 ± 0.182 χ^2/NDF : 3406.6/43

All: 10.914 ± 0.124 χ^2/NDF : 6957.7/89

- sign 10.429 ± 0.171 χ^2/NDF : 3533.9/45

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: 46.249 $\pm$ 0.280 χ^2 /NDF: 29581.3/22

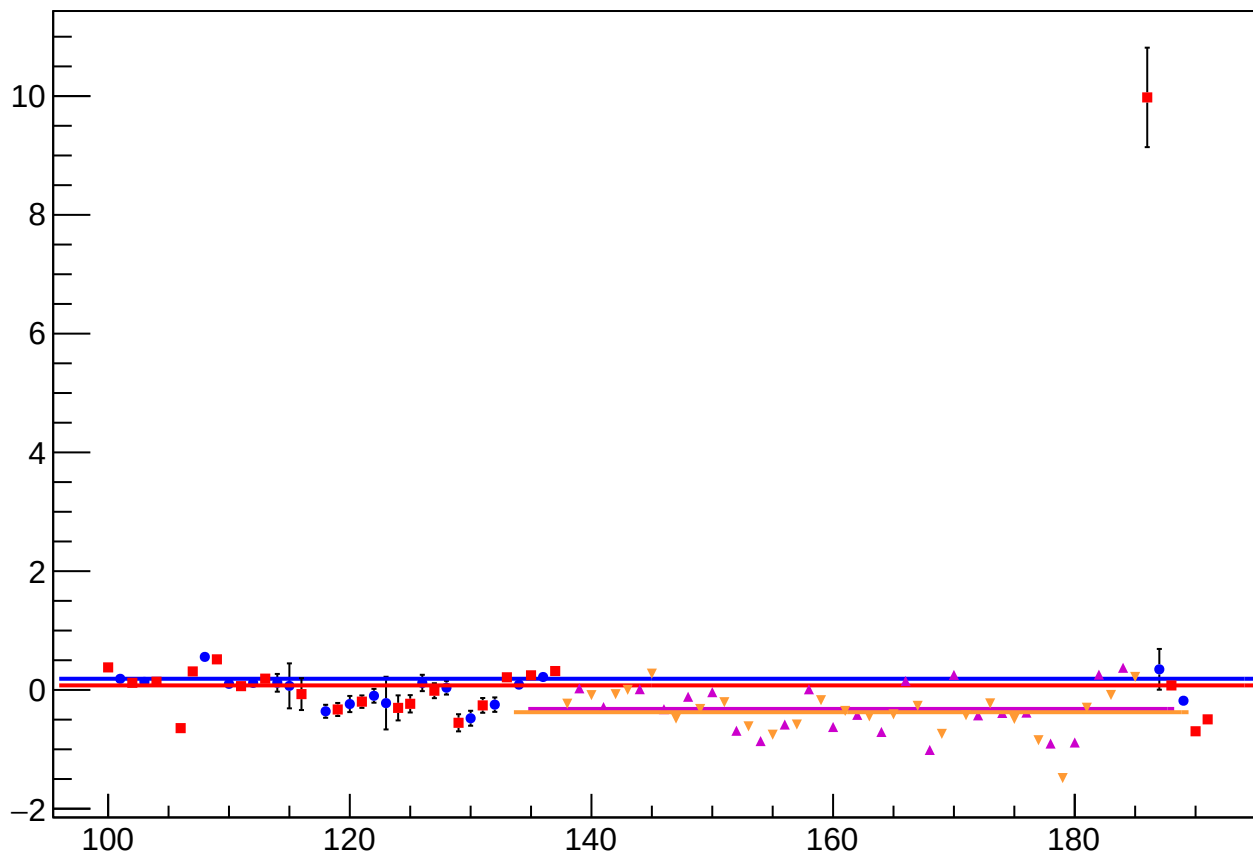
Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

+ sign 76.014 $\pm$ 0.154 χ^2 /NDF: 40442.2/43

All: 75.156 $\pm$ 0.109 χ^2 /NDF: 85540.1/89

- sign 74.301 $\pm$ 0.154 χ^2 /NDF: 45036.0/45

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: 0.076 ± 0.012 χ^2/NDF : 821.8/22

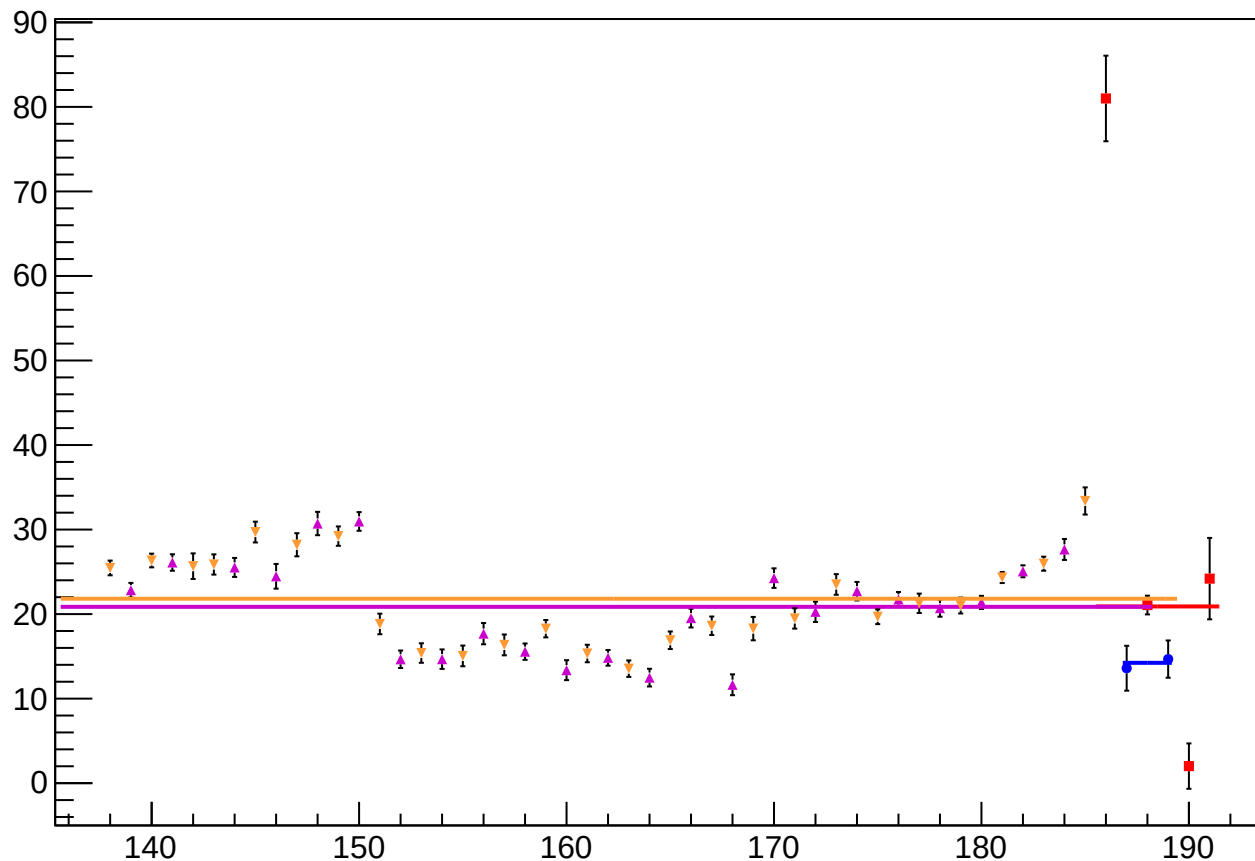
Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

+ sign -0.229 ± 0.007 χ^2/NDF : 3138.8/43

All: -0.214 ± 0.005 χ^2/NDF : 7013.3/89

- sign -0.200 ± 0.007 χ^2/NDF : 3865.3/45

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: 20.906 $\pm$ 0.982 χ^2 /NDF: 190.9/3

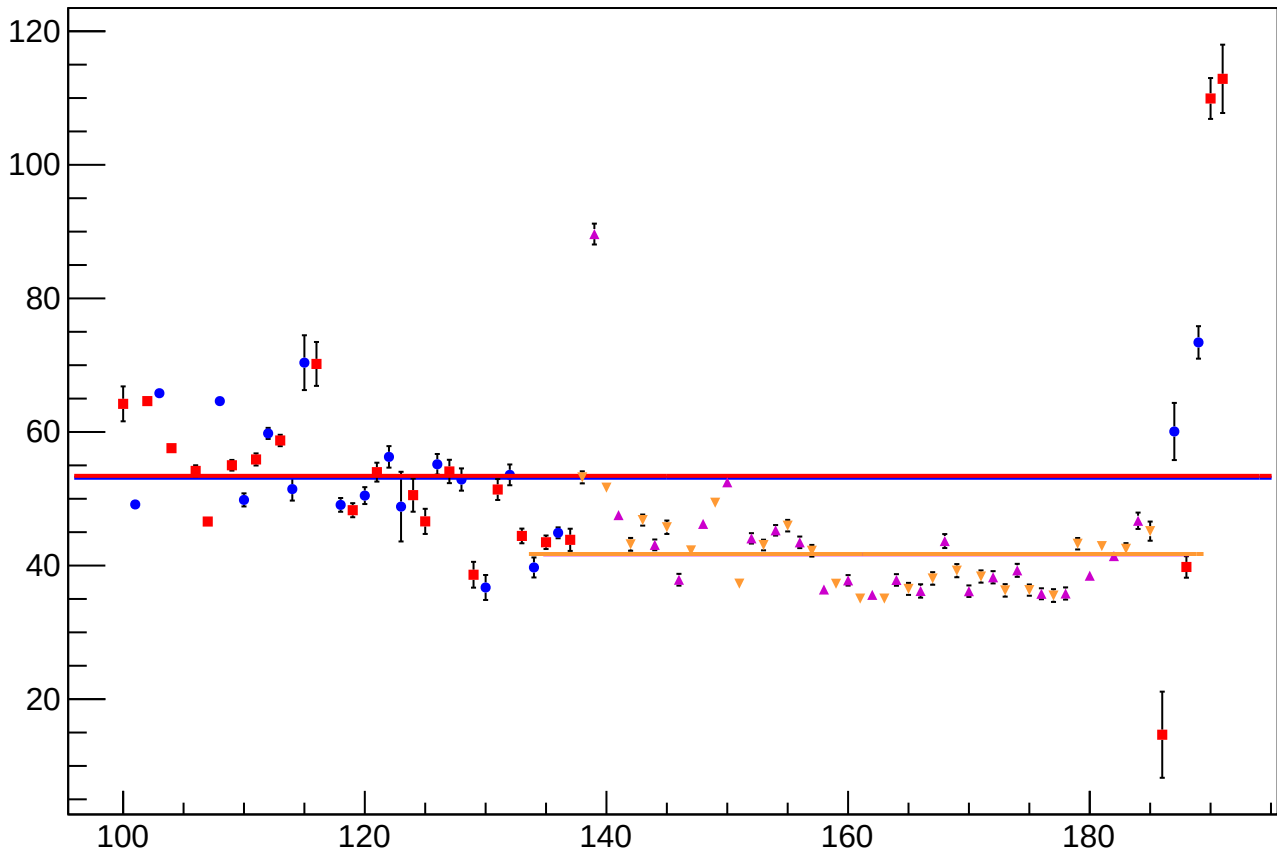
Left In: 20.860 $\pm$ 0.216 χ^2 /NDF: 575.5/22

+ sign 21.703 $\pm$ 0.209 χ^2 /NDF: 542.5/26

All: 21.287 $\pm$ 0.148 χ^2 /NDF: 1317.0/53

- sign 20.862 $\pm$ 0.211 χ^2 /NDF: 766.5/26

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 53.149 $\pm$ 0.209 χ^2 /NDF: 1270.4/18

Left Out: 41.732 $\pm$ 0.166 χ^2 /NDF: 1014.0/24

Right Out: 53.435 $\pm$ 0.224 χ^2 /NDF: 1456.8/22

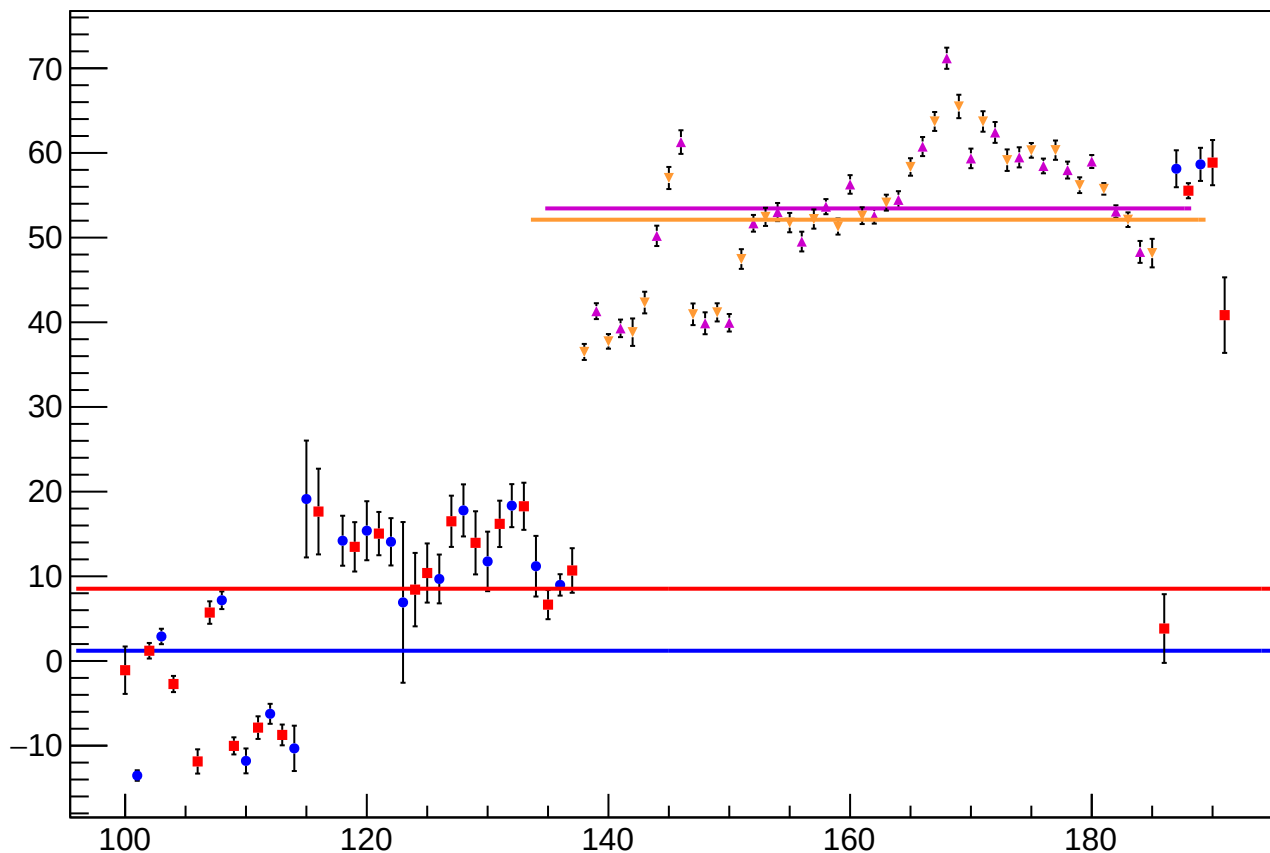
Left In: 41.682 $\pm$ 0.173 χ^2 /NDF: 1715.9/22

+ sign 46.141 $\pm$ 0.130 χ^2 /NDF: 4113.9/43

All: 46.121 $\pm$ 0.094 χ^2 /NDF: 9012.5/89

- sign 46.098 $\pm$ 0.137 χ^2 /NDF: 4898.5/45

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: 8.535 ± 0.342 χ^2/NDF : 4333.1/22

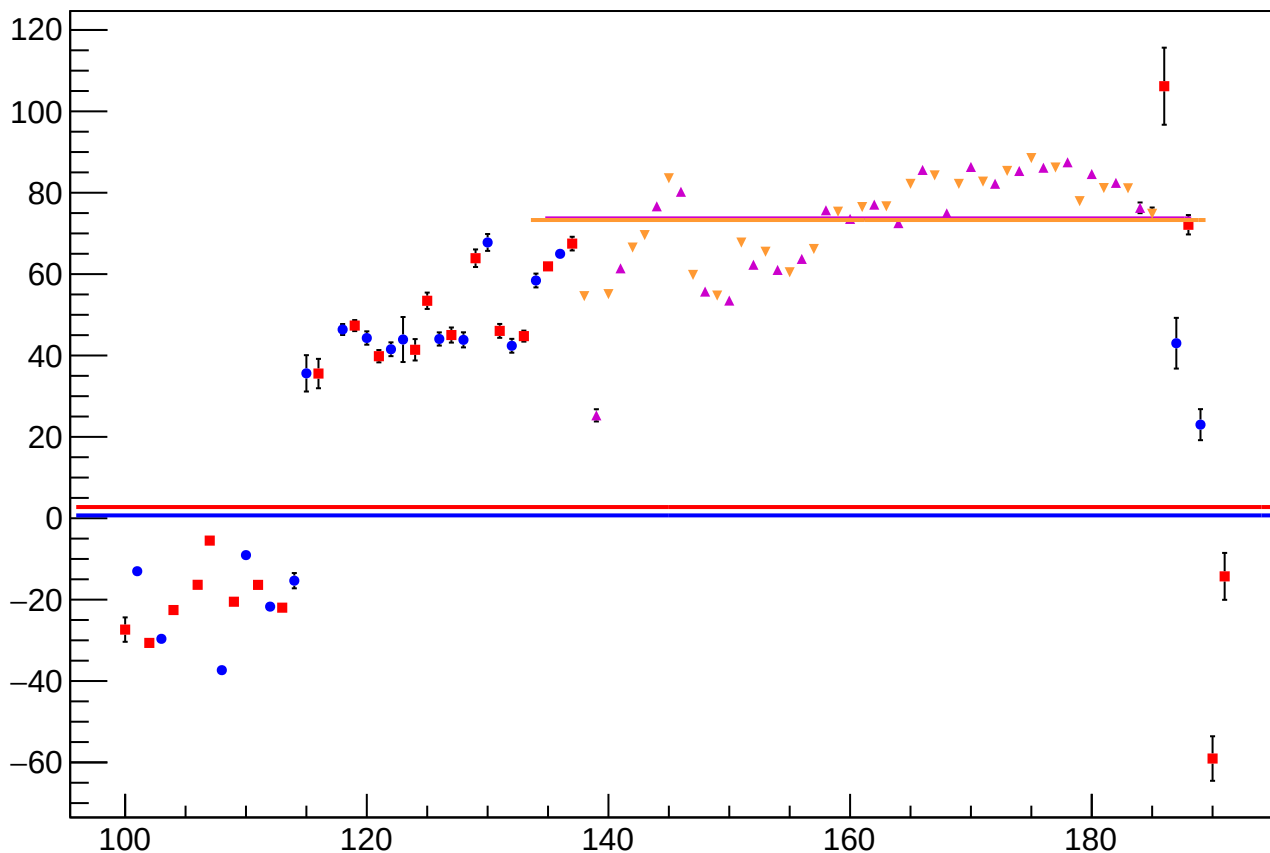
Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

+ sign 38.766 ± 0.181 χ^2/NDF : 19271.5/43

All: 39.767 ± 0.128 χ^2/NDF : 37208.5/89

- sign 40.779 ± 0.182 χ^2/NDF : 17875.3/45

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.701 ± 0.246 χ^2/NDF : 18504.5/18

Left Out: 73.294 ± 0.187 χ^2/NDF : 3148.2/24

Right Out: 2.757 ± 0.264 χ^2/NDF : 16588.5/22

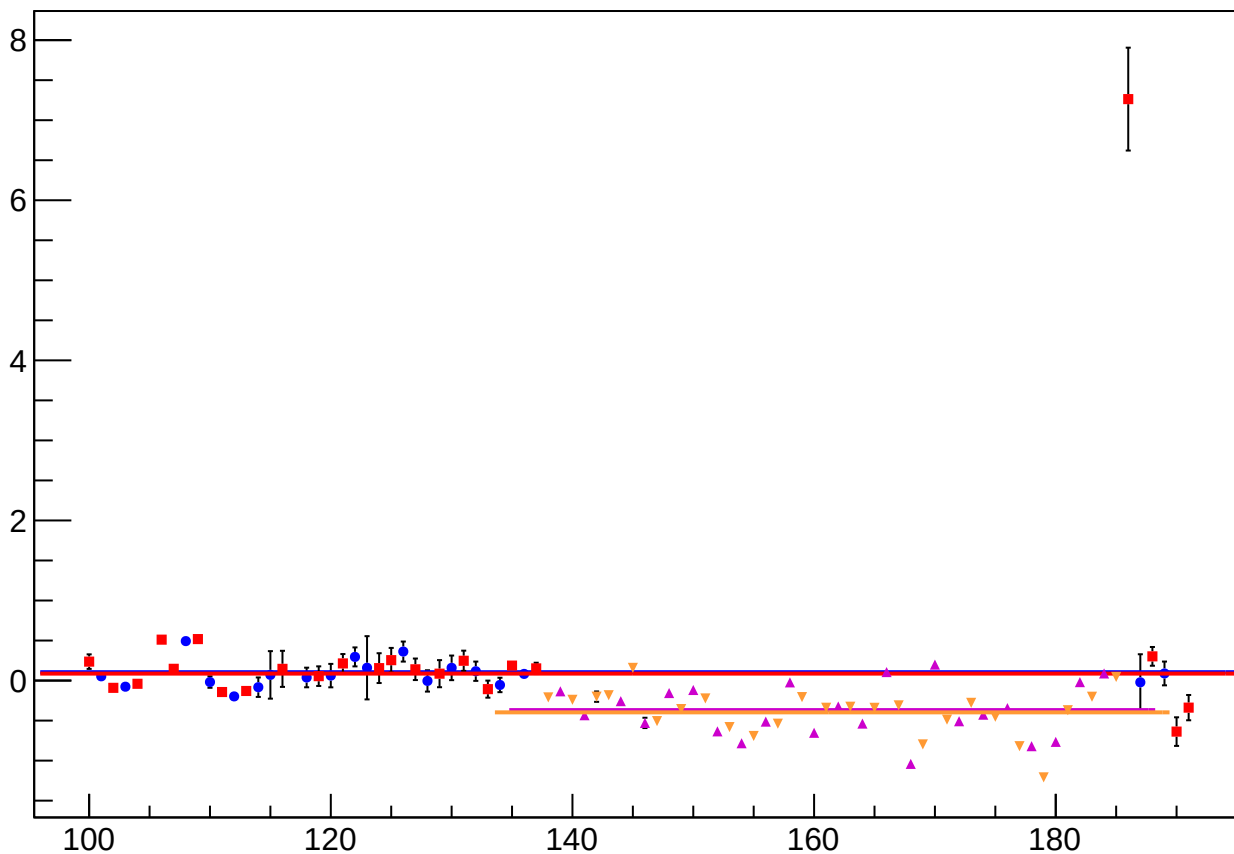
Left In: 73.699 ± 0.194 χ^2/NDF : 3901.1/22

+ sign 46.646 ± 0.149 χ^2/NDF : 76768.0/43

All: 47.705 ± 0.108 χ^2/NDF : 144236.7/89

- sign 48.868 ± 0.156 χ^2/NDF : 67362.9/45

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: 0.087 ± 0.011 χ^2/NDF : 542.8/22

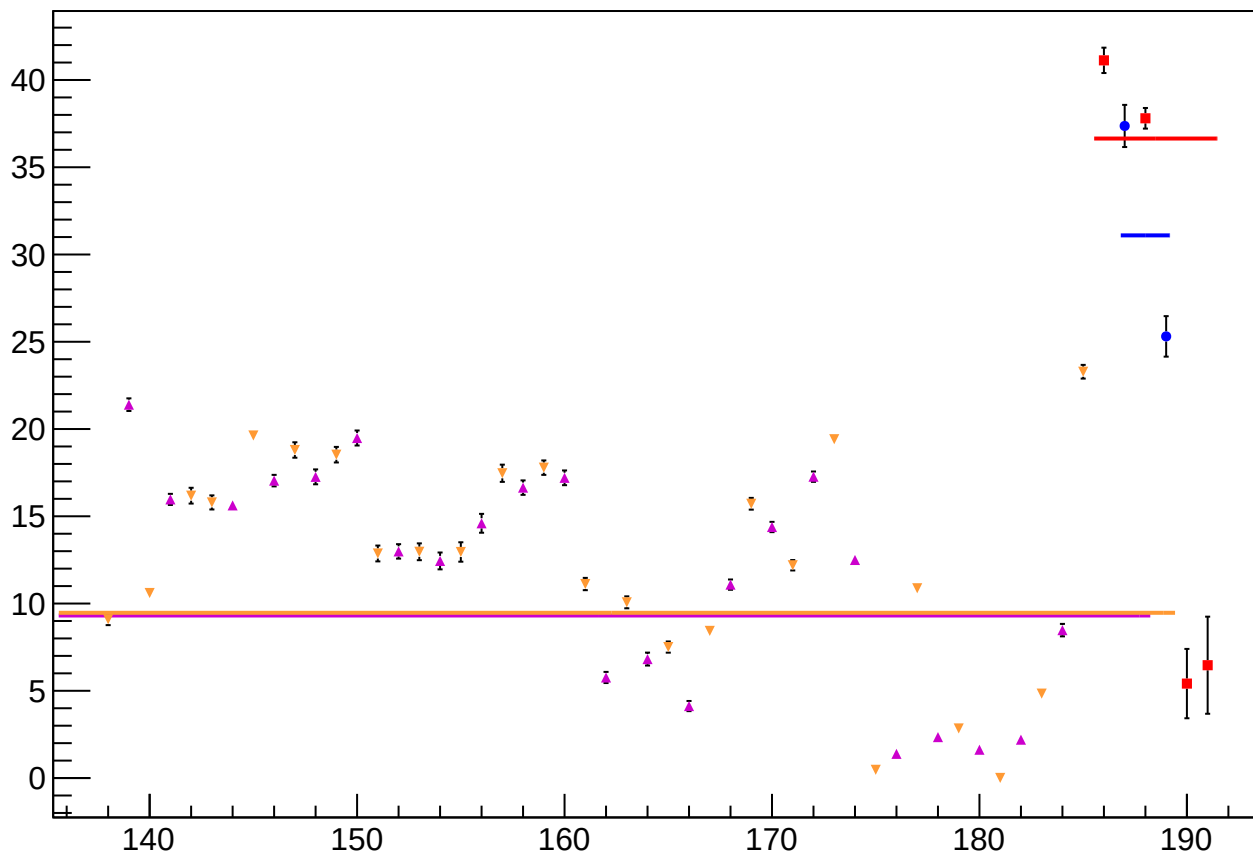
Left In: -0.369 ± 0.009 χ^2/NDF : 1322.7/22

+ sign -0.208 ± 0.007 χ^2/NDF : 2640.2/43

All: -0.200 ± 0.005 χ^2/NDF : 5579.9/89

- sign -0.193 ± 0.007 χ^2/NDF : 2937.2/45

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 31.096 ± 0.837 $\chi^2/\text{NDF}: 51.8/1$

Left Out: 9.470 ± 0.061 $\chi^2/\text{NDF}: 12578.0/24$

Right Out: 36.645 ± 0.441 $\chi^2/\text{NDF}: 406.6/3$

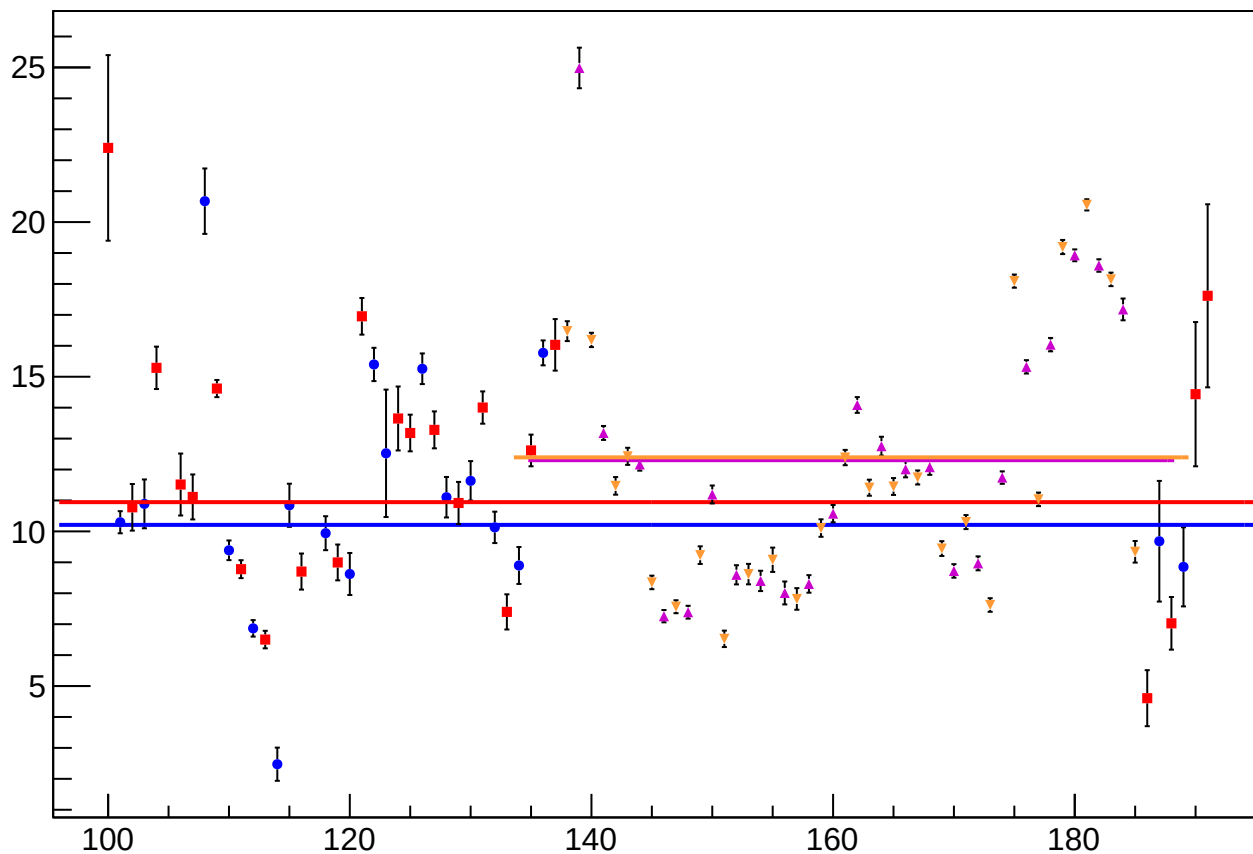
Left In: 9.315 ± 0.063 $\chi^2/\text{NDF}: 11007.3/22$

+ sign 9.585 ± 0.061 $\chi^2/\text{NDF}: 13293.9/26$

All: 9.719 ± 0.044 $\chi^2/\text{NDF}: 28480.2/53$

- sign 9.857 ± 0.062 $\chi^2/\text{NDF}: 15176.6/26$

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: 10.945 $\pm$ 0.114 χ^2 /NDF: 896.6/22

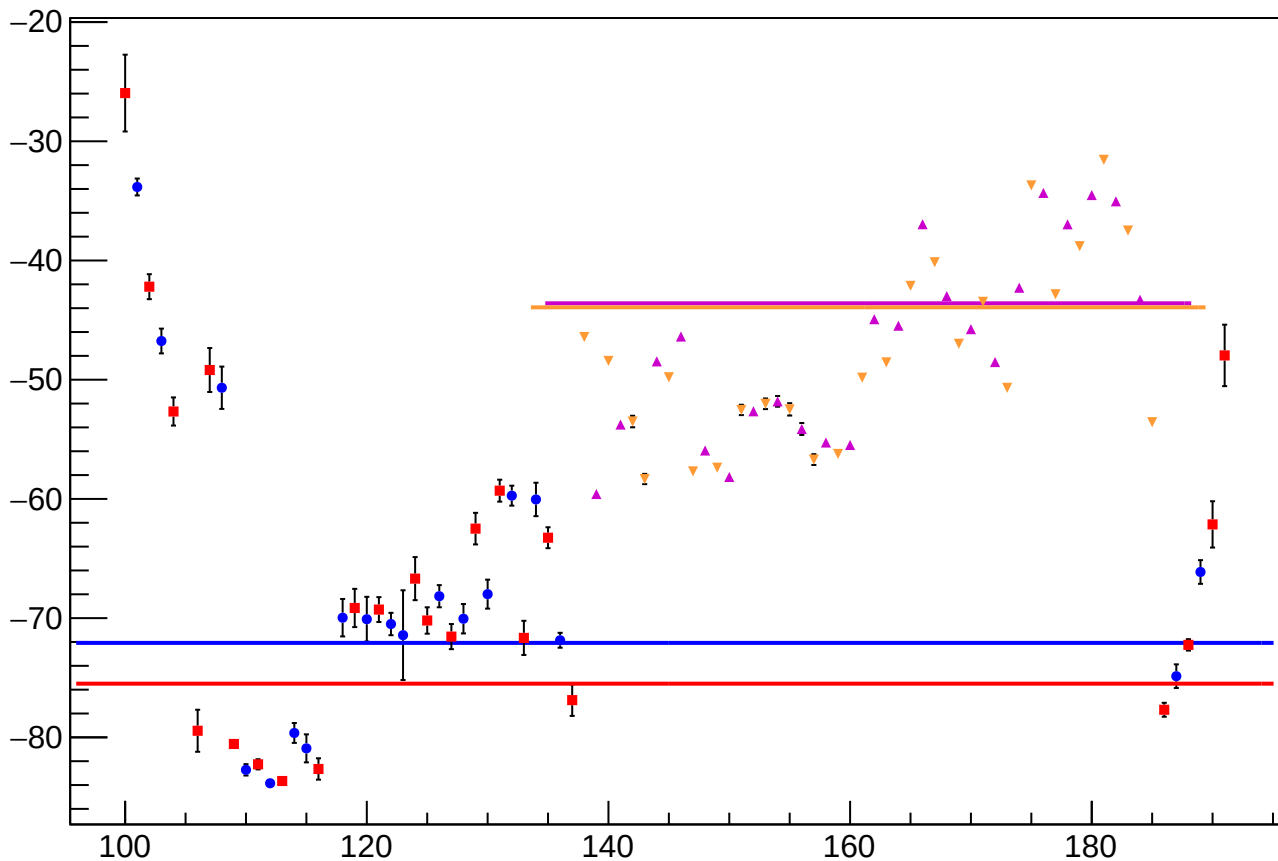
Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

+ sign 12.064 $\pm$ 0.046 χ^2 /NDF: 8694.4/43

All: 12.070 $\pm$ 0.033 χ^2 /NDF: 15369.9/89

- sign 12.076 $\pm$ 0.047 χ^2 /NDF: 6675.5/45

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: -75.495 ± 0.162 $\chi^2/\text{NDF}: 3695.1/22$

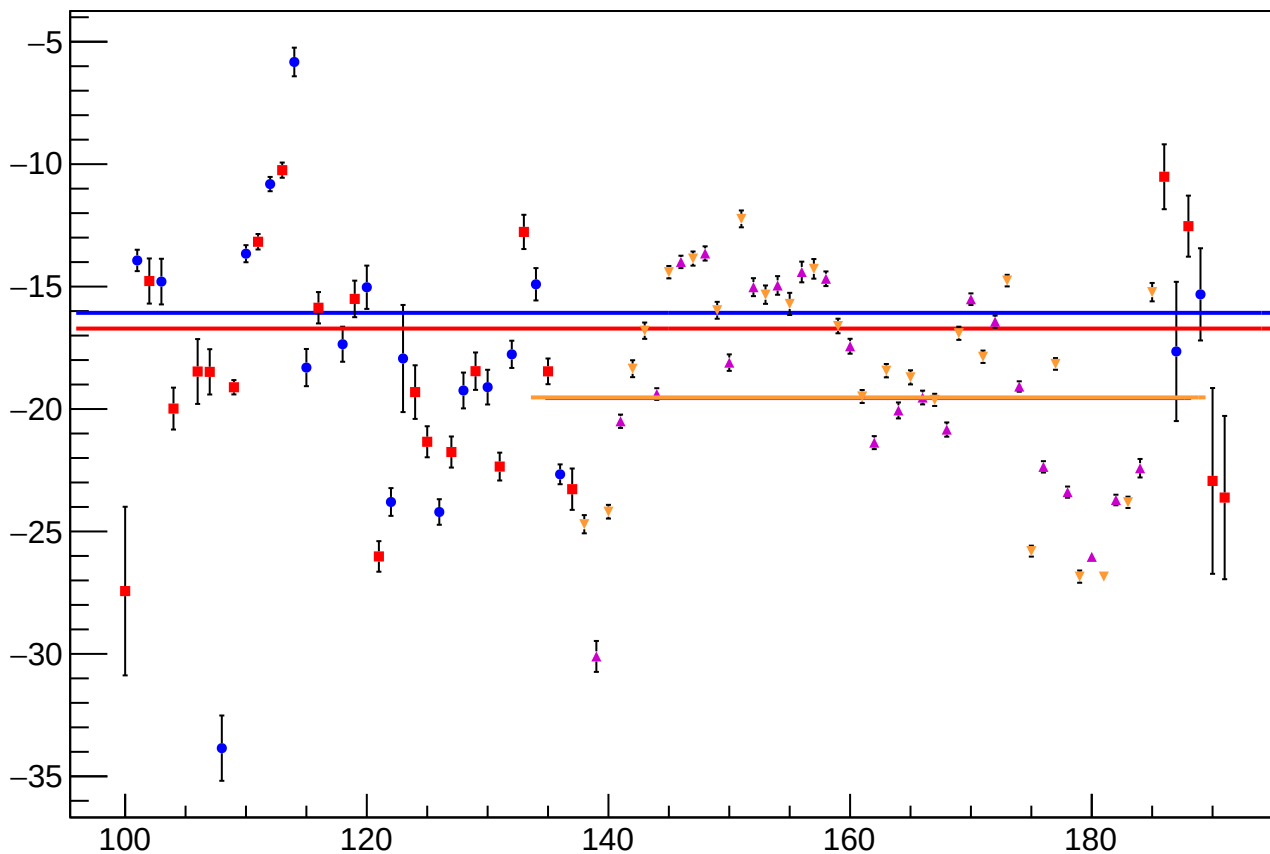
Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

+ sign -46.633 ± 0.059 $\chi^2/\text{NDF}: 42963.1/43$

All: -47.222 ± 0.042 $\chi^2/\text{NDF}: 96240.0/89$

- sign -47.807 ± 0.059 $\chi^2/\text{NDF}: 53078.1/45$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1641.4/18

Left Out: -19.526 ± 0.056 χ^2/NDF : 6493.0/24

Right Out: -16.714 ± 0.127 χ^2/NDF : 1256.3/22

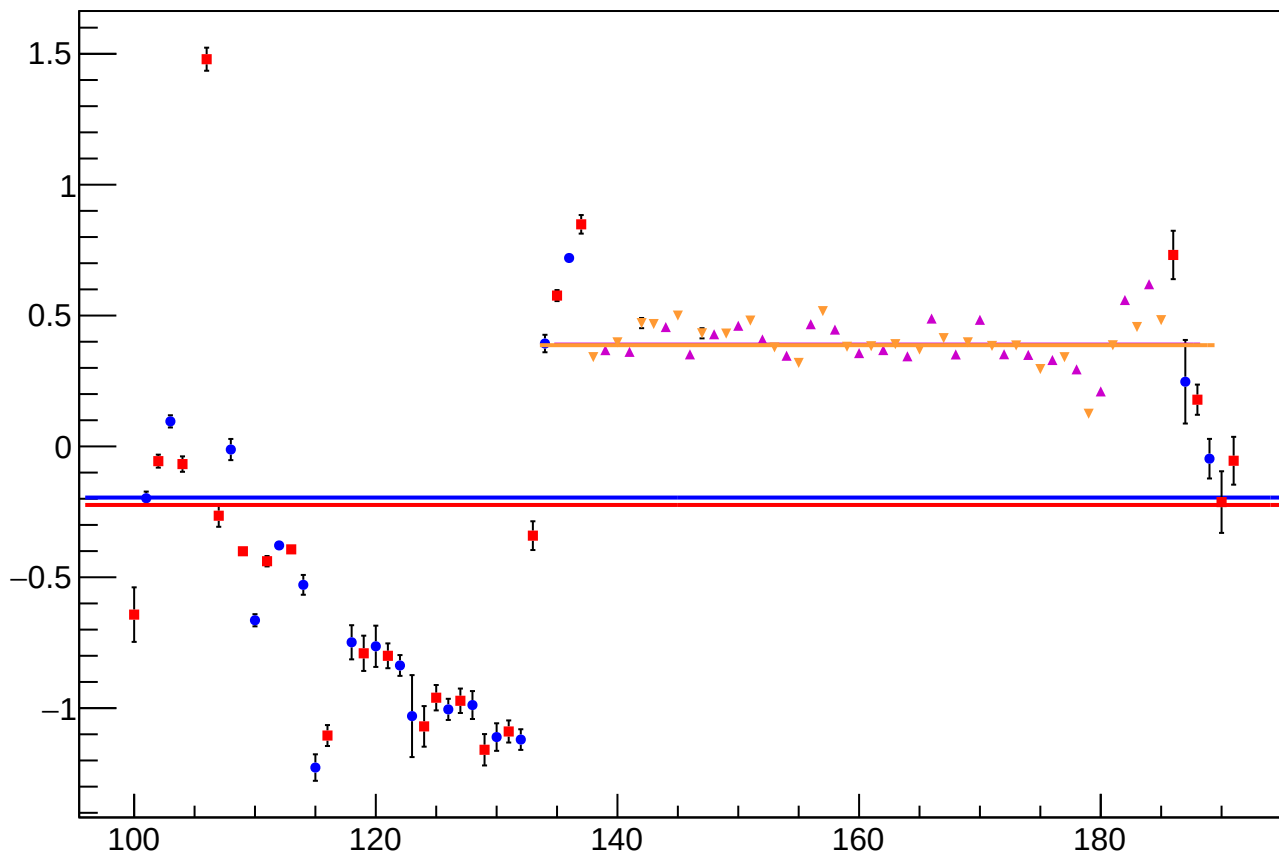
Left In: -19.552 ± 0.057 χ^2/NDF : 4359.1/22

+ sign -18.999 ± 0.051 χ^2/NDF : 8717.7/43

All: -19.035 ± 0.037 χ^2/NDF : 14750.9/89

- sign -19.073 ± 0.052 χ^2/NDF : 6032.2/45

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: -0.224 ± 0.007 χ^2/NDF : 6384.0/22

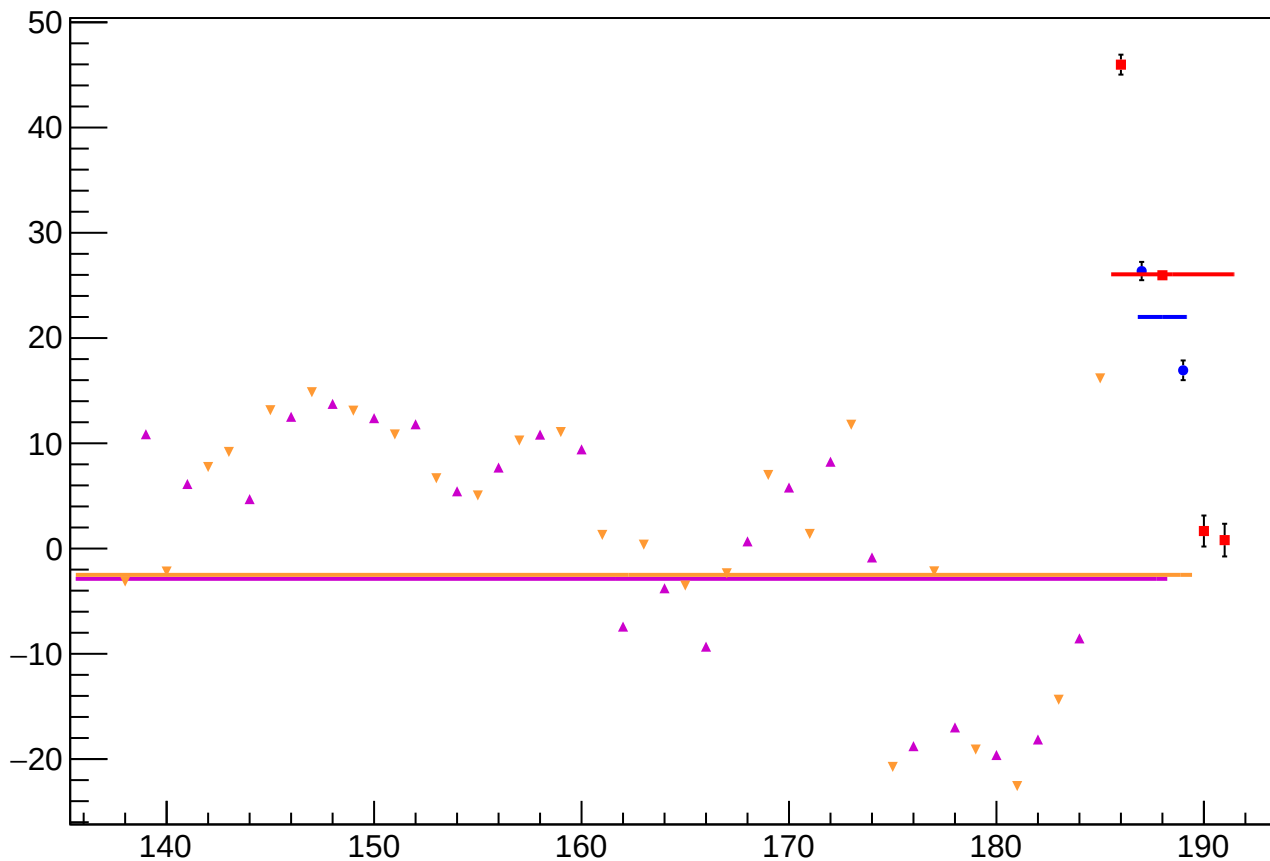
Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

+ sign 0.326 ± 0.002 χ^2/NDF : 12747.4/43

All: 0.321 ± 0.002 χ^2/NDF : 27024.5/89

- sign 0.316 ± 0.002 χ^2/NDF : 14268.3/45

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 22.004+/-0.636 χ^2/NDF : 54.6/1

Left Out: -2.499+/-0.053 χ^2/NDF : 55930.9/24

Right Out: 26.054+/-0.366 χ^2/NDF : 980.6/3

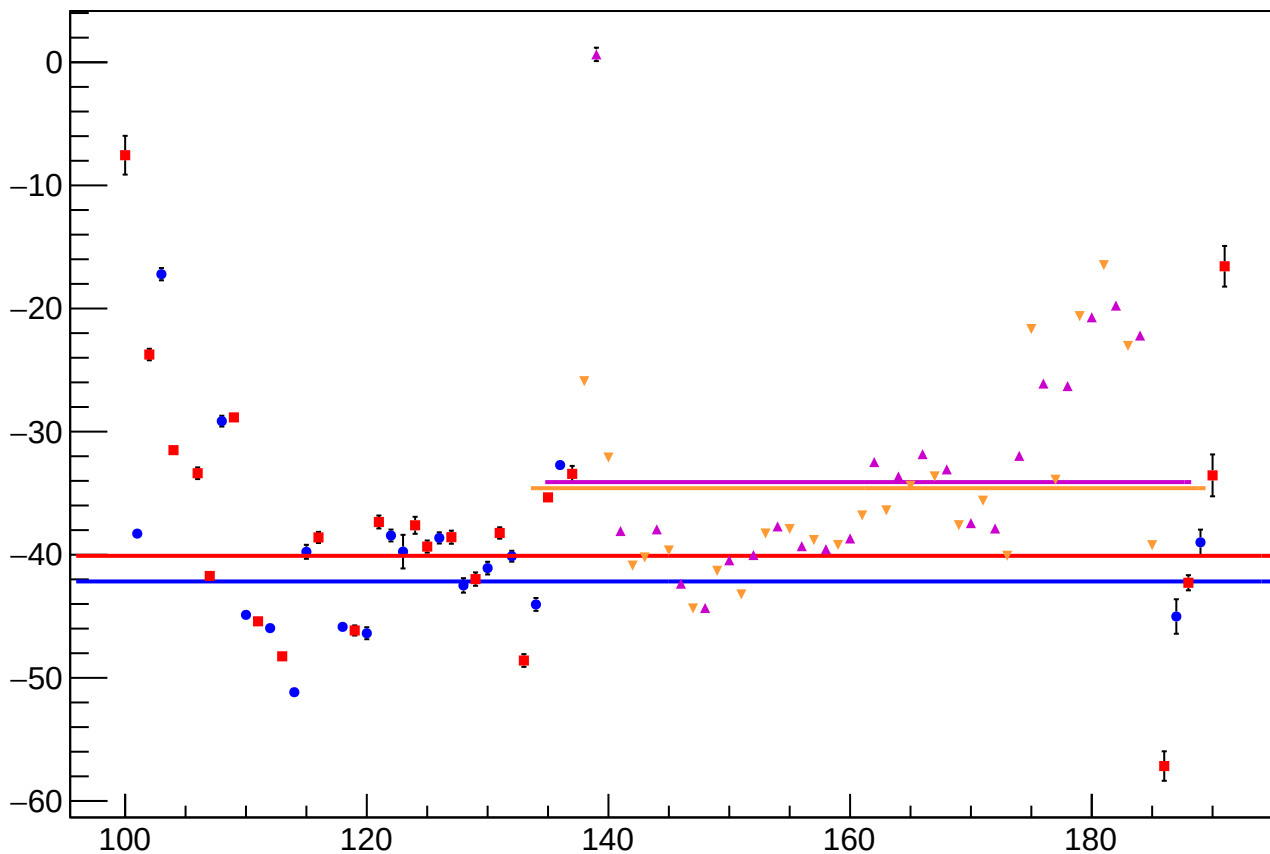
Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

+ sign -2.330+/-0.053 χ^2/NDF : 57458.1/26

All: -2.289+/-0.038 χ^2/NDF : 110924.9/53

- sign -2.246+/-0.054 χ^2/NDF : 53465.6/26

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: -40.088 ± 0.072 $\chi^2/\text{NDF}: 11747.0/22$

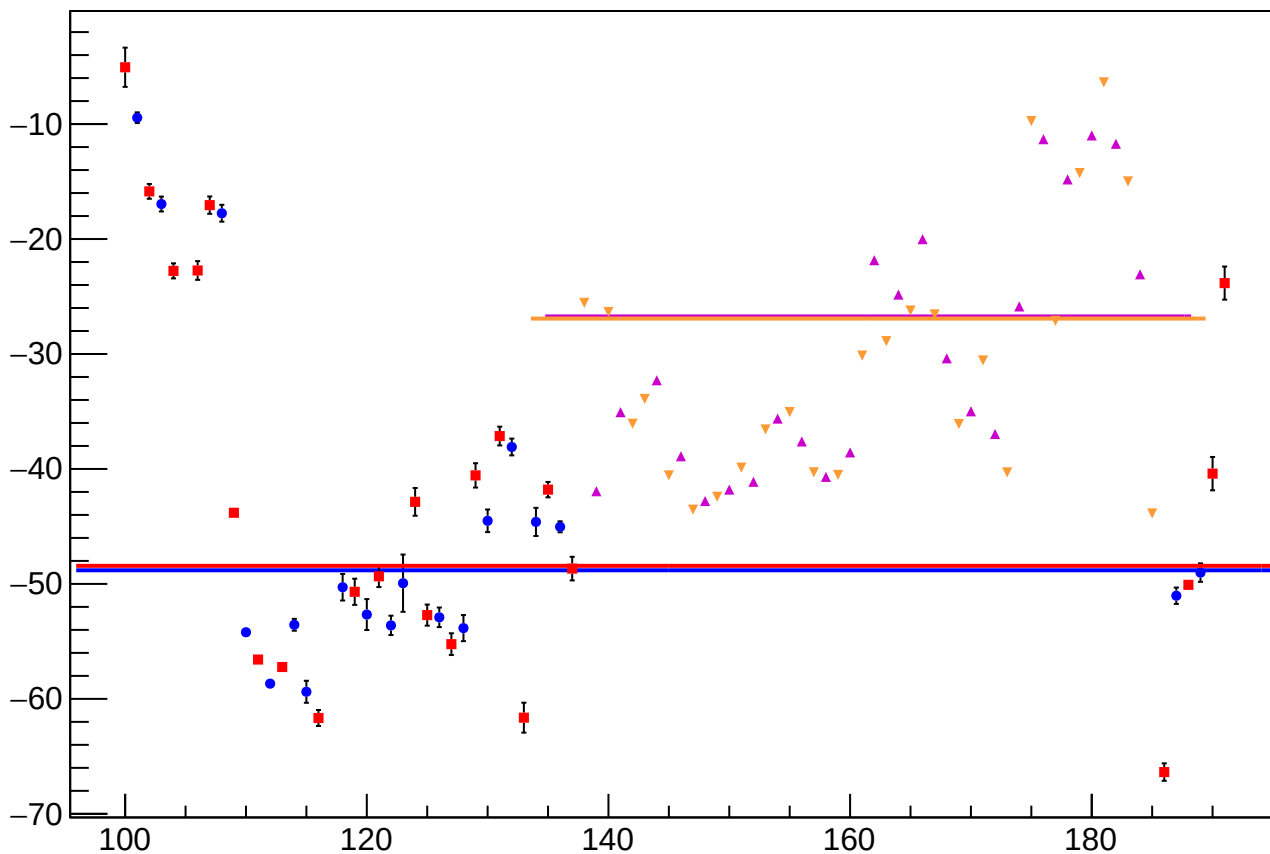
Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

+ sign -36.313 ± 0.037 $\chi^2/\text{NDF}: 48391.6/43$

All: -36.021 ± 0.026 $\chi^2/\text{NDF}: 94682.3/89$

- sign -35.719 ± 0.037 $\chi^2/\text{NDF}: 46162.7/45$

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: -48.427 ± 0.101 $\chi^2/\text{NDF}: 12645.1/22$

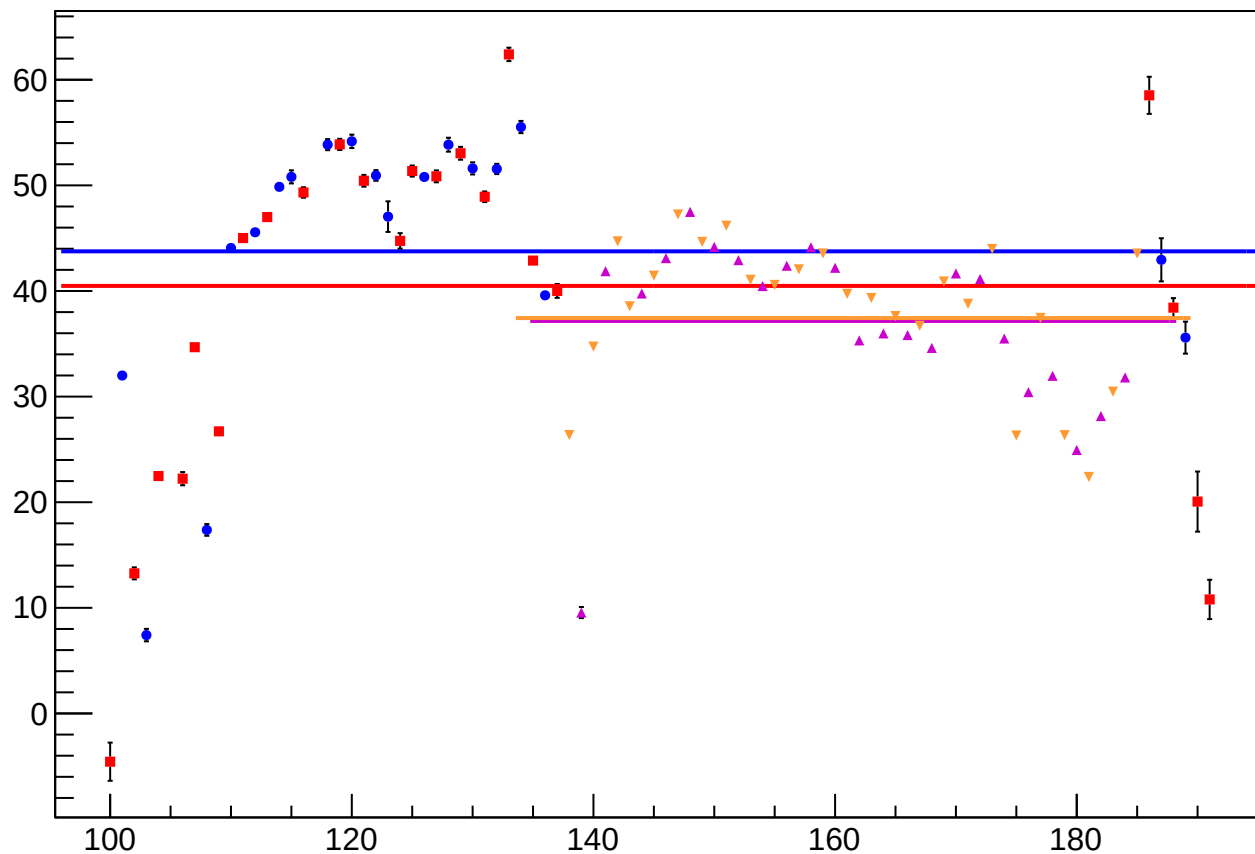
Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

+ sign -30.473 ± 0.049 $\chi^2/\text{NDF}: 91219.0/43$

All: -31.074 ± 0.034 $\chi^2/\text{NDF}: 182475.2/89$

- sign -31.657 ± 0.048 $\chi^2/\text{NDF}: 90957.8/45$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.754+/-0.086 χ^2/NDF : 10668.1/18

Left Out: 37.435+/-0.047 χ^2/NDF : 21517.4/24

Right Out: 40.481+/-0.080 χ^2/NDF : 17997.5/22

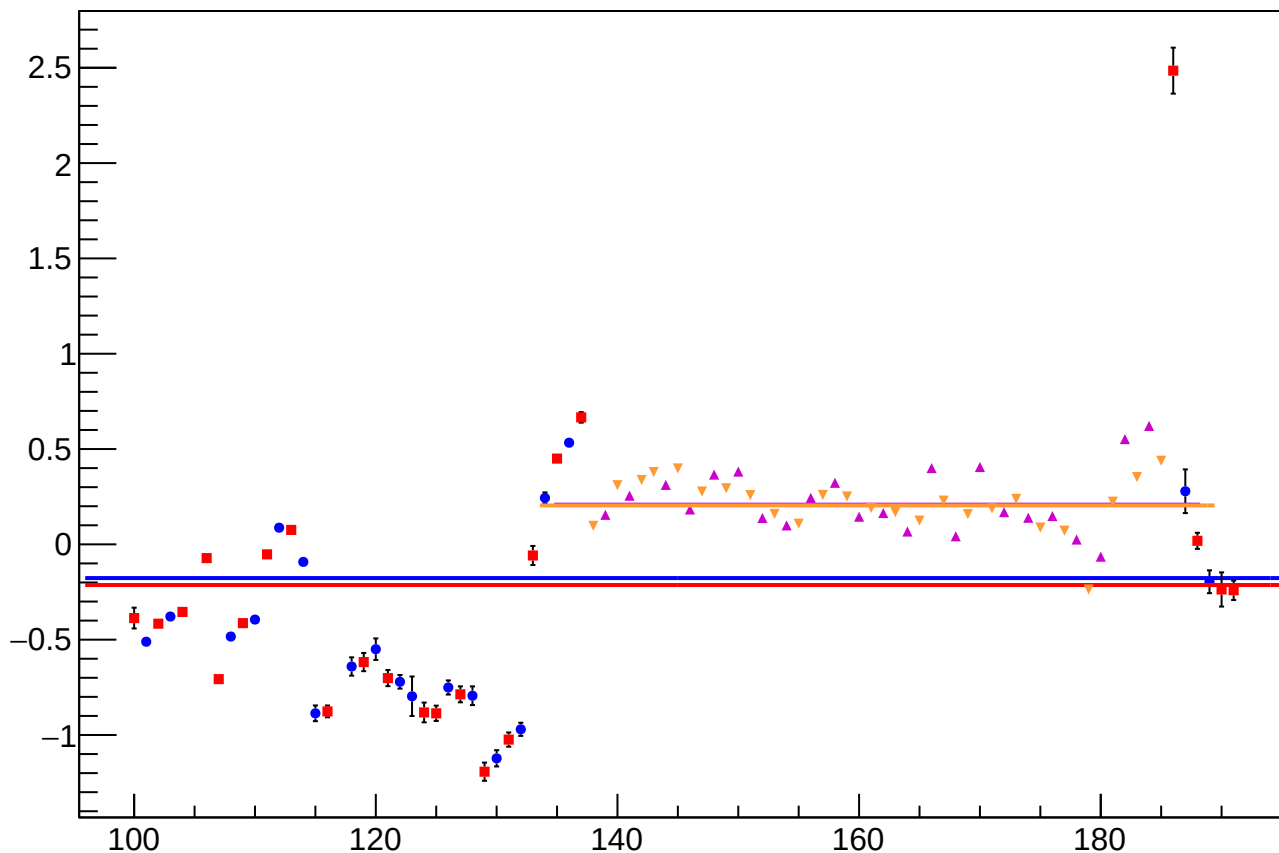
Left In: 37.164+/-0.049 χ^2/NDF : 17427.3/22

+ sign 38.893+/-0.042 χ^2/NDF : 36299.1/43

All: 38.488+/-0.029 χ^2/NDF : 73171.1/89

- sign 38.077+/-0.042 χ^2/NDF : 36680.1/45

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 : 8003.0/22

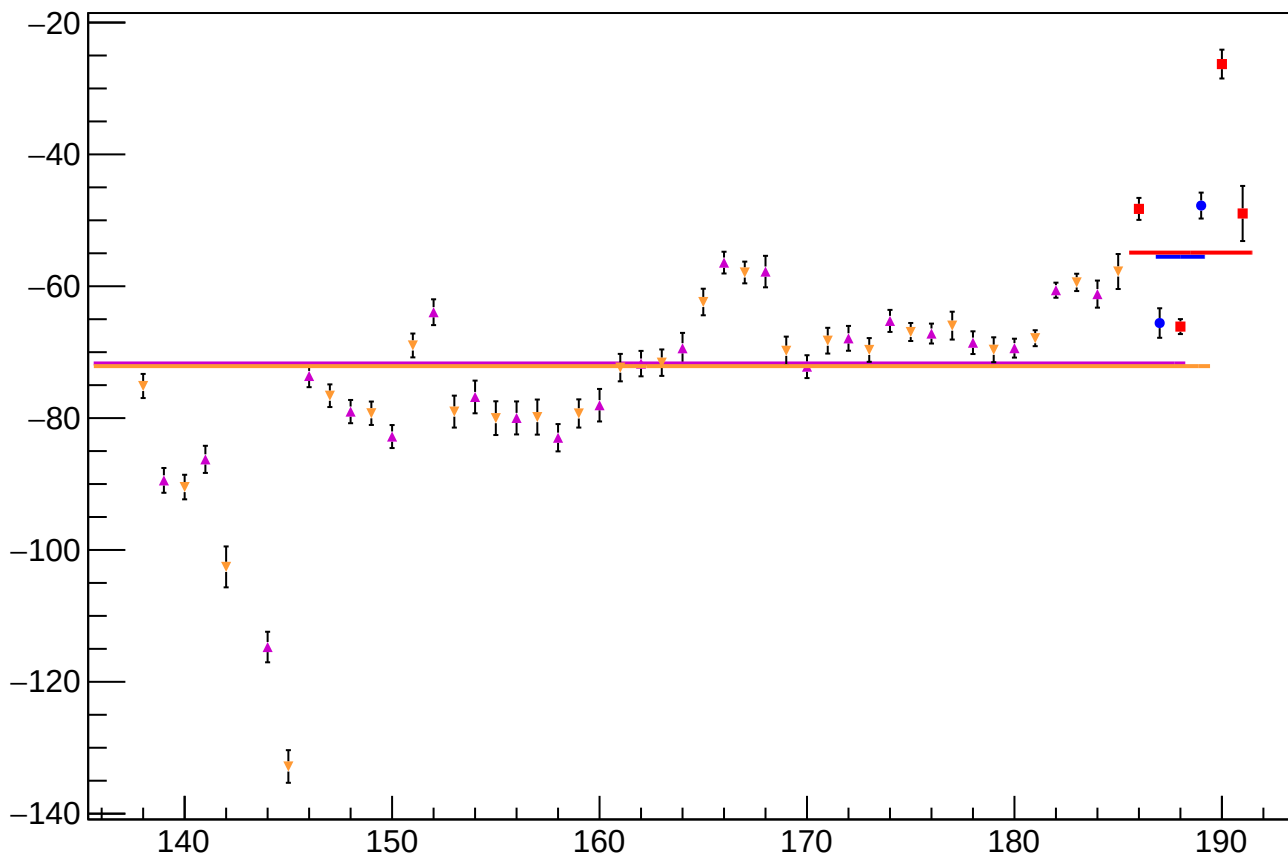
Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

+ sign 0.139 ± 0.002 χ^2/NDF : 16391.9/43

All: 0.128 ± 0.001 χ^2/NDF : 37239.7/89

- sign 0.117 ± 0.002 χ^2/NDF : 20784.2/45

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: -54.897 ± 0.844 χ^2/NDF : 286.8/3

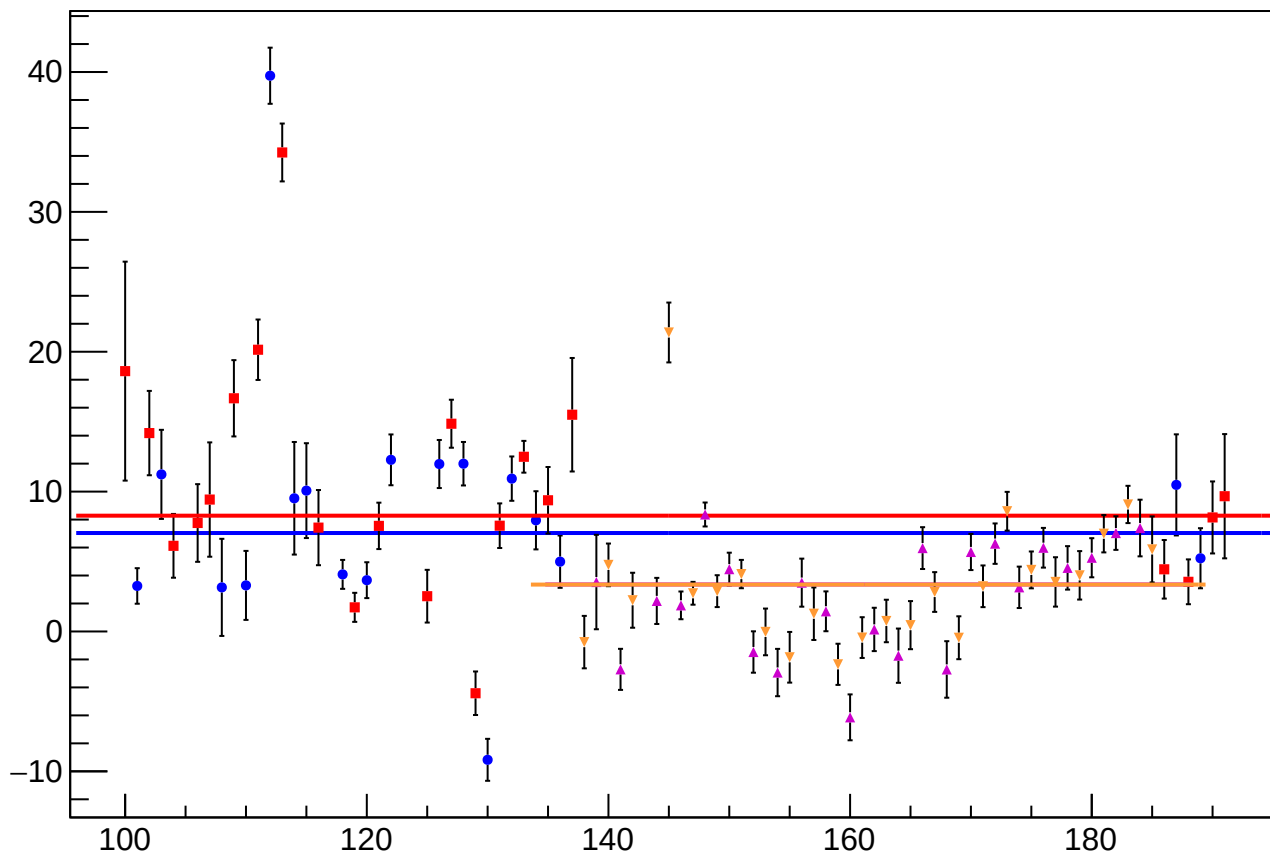
Left In: -71.713 ± 0.380 χ^2/NDF : 884.6/22

+ sign -71.072 ± 0.371 χ^2/NDF : 1279.0/25

All: -69.901 ± 0.253 χ^2/NDF : 2799.1/52

- sign -68.876 ± 0.347 χ^2/NDF : 1501.3/26

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.039 $\pm$ 0.422 χ^2/NDF : 448.5/17

Left Out: 3.353 $\pm$ 0.295 χ^2/NDF :167.8/23

Right Out: 8.279 $\pm$ 0.416 χ^2/NDF : 364.0/21

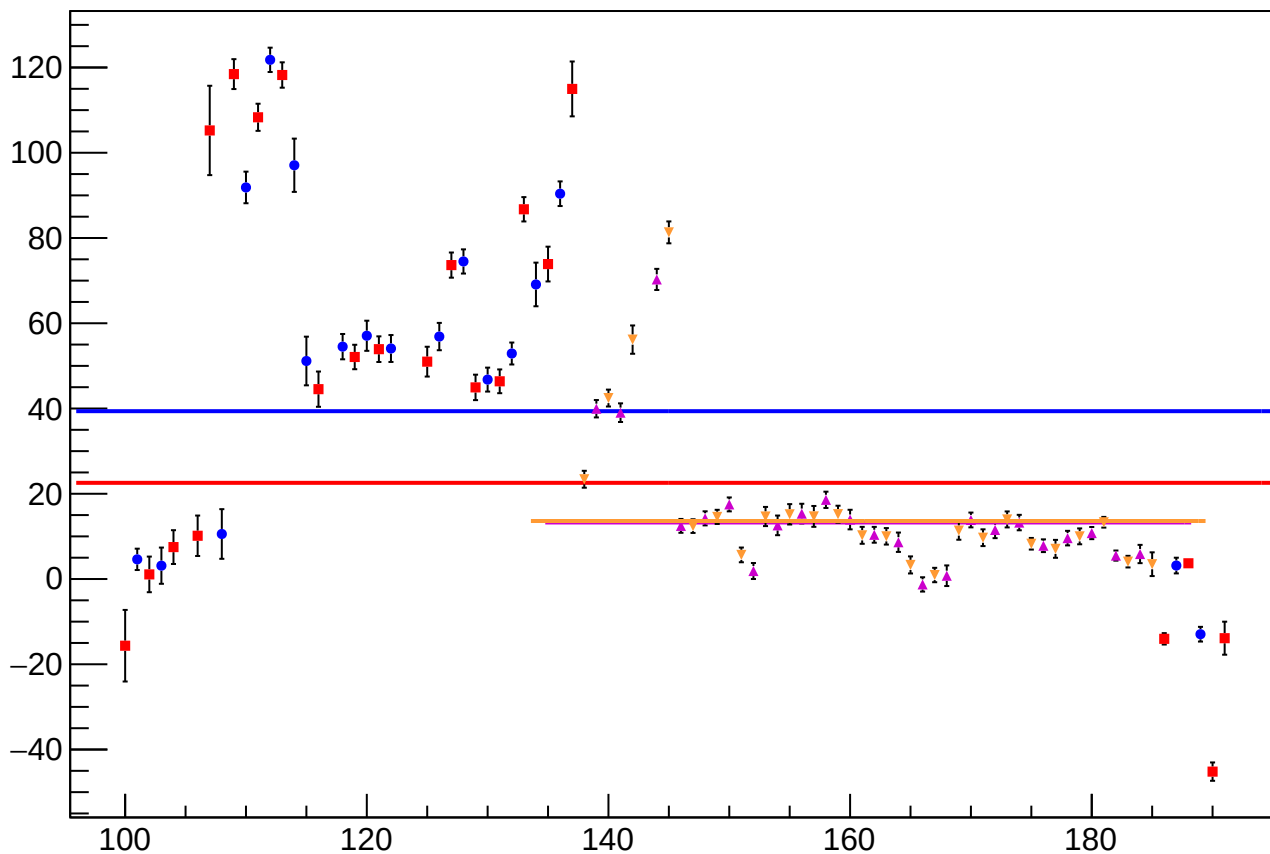
Left In: 3.360 $\pm$ 0.298 χ^2/NDF :164.5/22

+ sign 4.561 $\pm$ 0.242 χ^2/NDF : 667.6/41

All: 4.792 $\pm$ 0.171 χ^2/NDF : 1290.4/86

- sign 5.025 $\pm$ 0.242 χ^2/NDF : 621.0/44

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 39.374 $\pm$ 0.694 χ^2/NDF : 3355.8/17

Left Out: 13.610 $\pm$ 0.382 χ^2/NDF : 1303.3/23

Right Out: 22.564 $\pm$ 0.539 χ^2/NDF : 6494.3/21

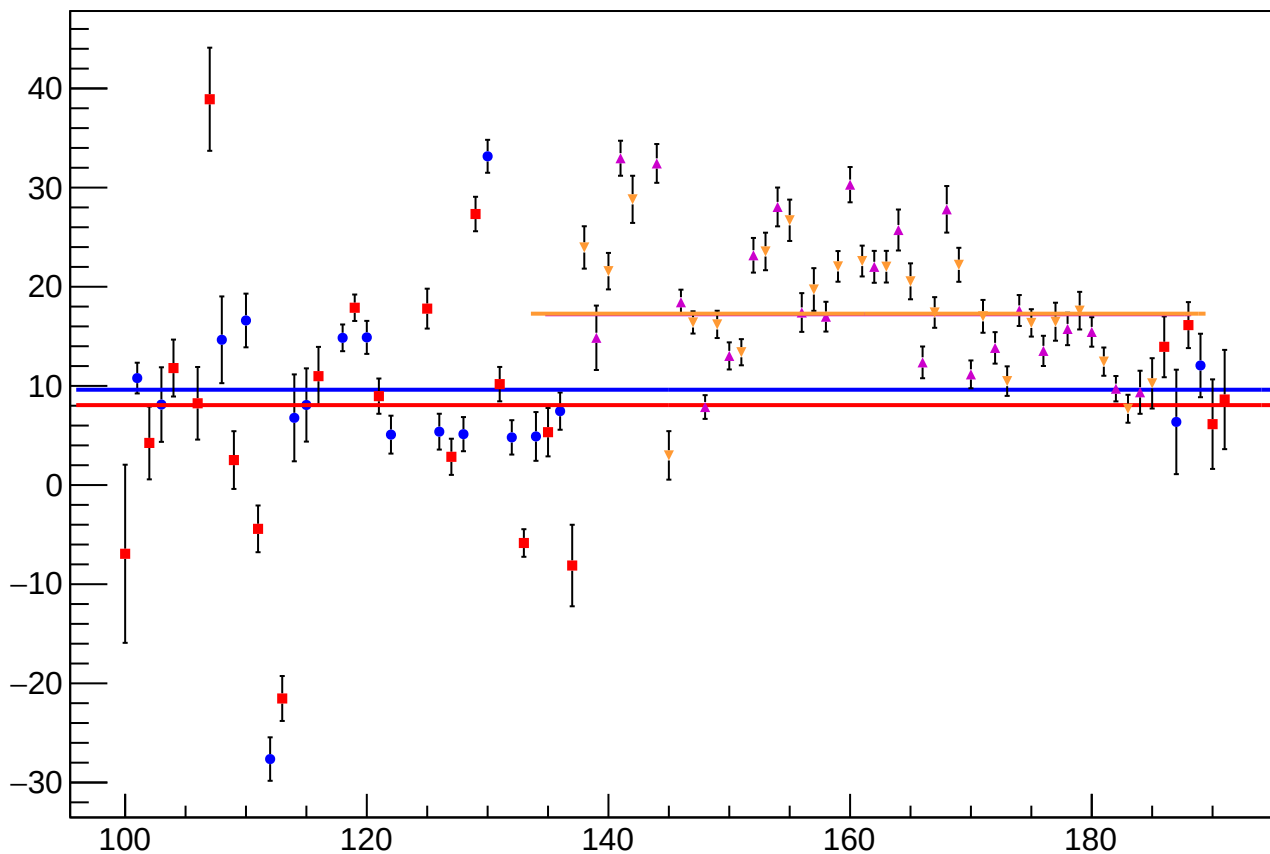
Left In: 13.262 $\pm$ 0.379 χ^2/NDF : 1077.0/22

+ sign 19.597 $\pm$ 0.334 χ^2/NDF : 5717.8/41

All: 17.841 $\pm$ 0.227 χ^2/NDF : 13539.8/86

- sign 16.334 $\pm$ 0.310 χ^2/NDF : 7770.7/44

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: 8.062 $\pm$ 0.491 χ^2/NDF : 586.9/21

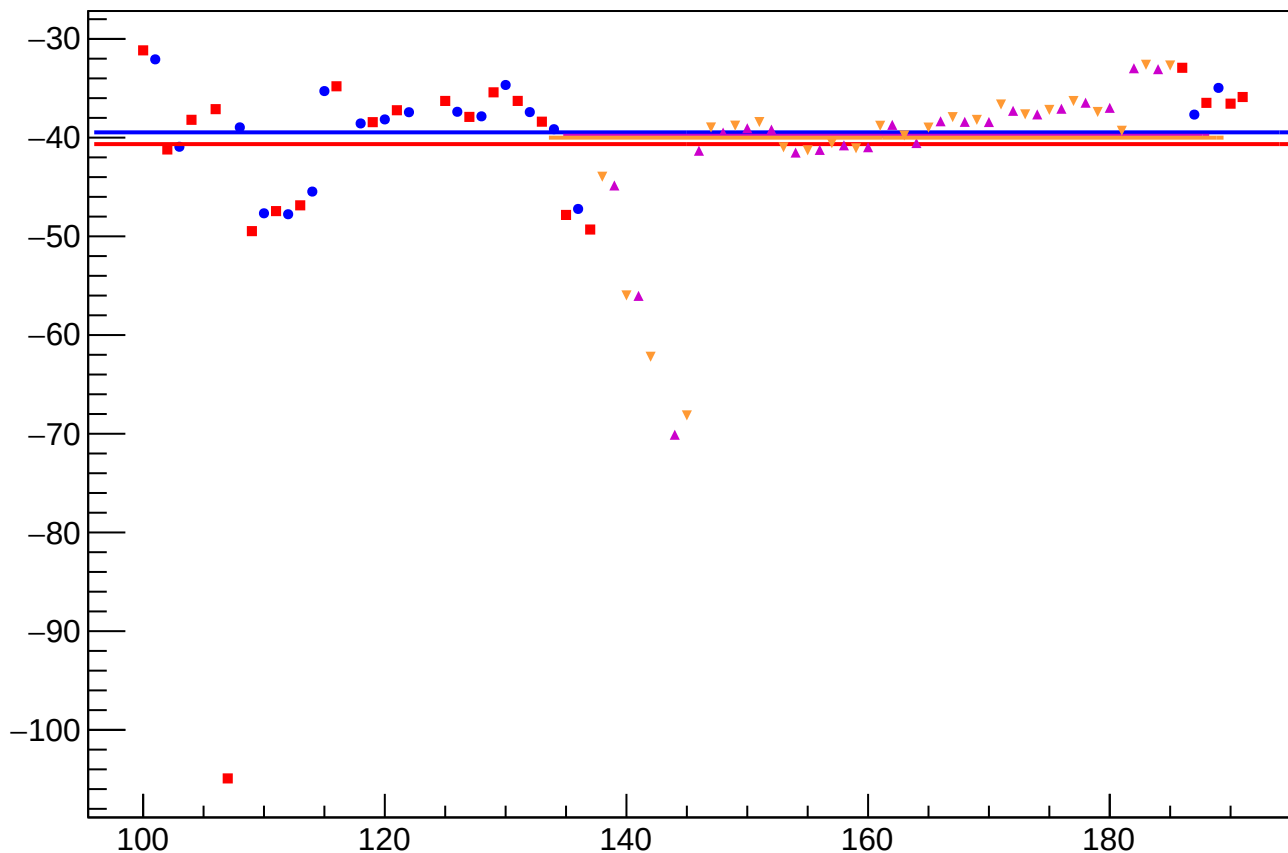
Left In: 17.224 $\pm$ 0.339 χ^2/NDF : 442.2/22

+ sign 14.841 $\pm$ 0.278 χ^2/NDF : 964.5/41

All: 14.559 $\pm$ 0.197 χ^2/NDF : 2231.4/86

- sign 14.275 $\pm$ 0.279 χ^2/NDF : 1264.9/44

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.465 ± 0.030 $\chi^2/\text{NDF}: 27659.5/17$

Left Out: -40.002 ± 0.016 $\chi^2/\text{NDF}: 172150.1/23$

Right Out: -40.656 ± 0.028 $\chi^2/\text{NDF}: 100496.3/21$

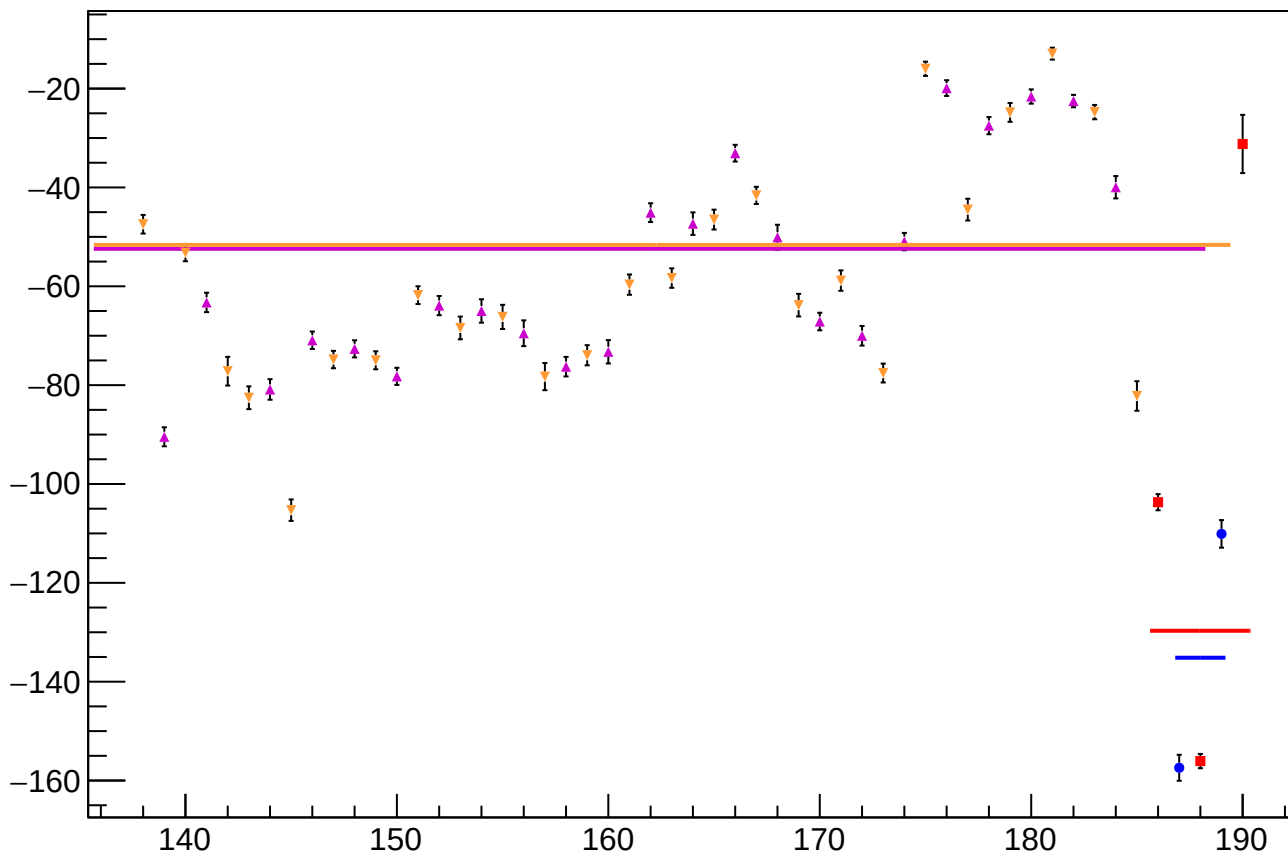
Left In: -39.813 ± 0.016 $\chi^2/\text{NDF}: 145790.5/22$

+ sign -39.886 ± 0.014 $\chi^2/\text{NDF}: 200061.3/41$

All: -39.949 ± 0.010 $\chi^2/\text{NDF}: 447068.5/86$

- sign -40.009 ± 0.014 $\chi^2/\text{NDF}: 246967.1/44$

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -135.152 $\pm$ 1.915 χ^2 /NDF: 152.2/1

Left Out: -51.622 $\pm$ 0.383 χ^2 /NDF: 4133.0/24

Right Out: -129.699 $\pm$ 1.064 χ^2 /NDF: 866.5/2

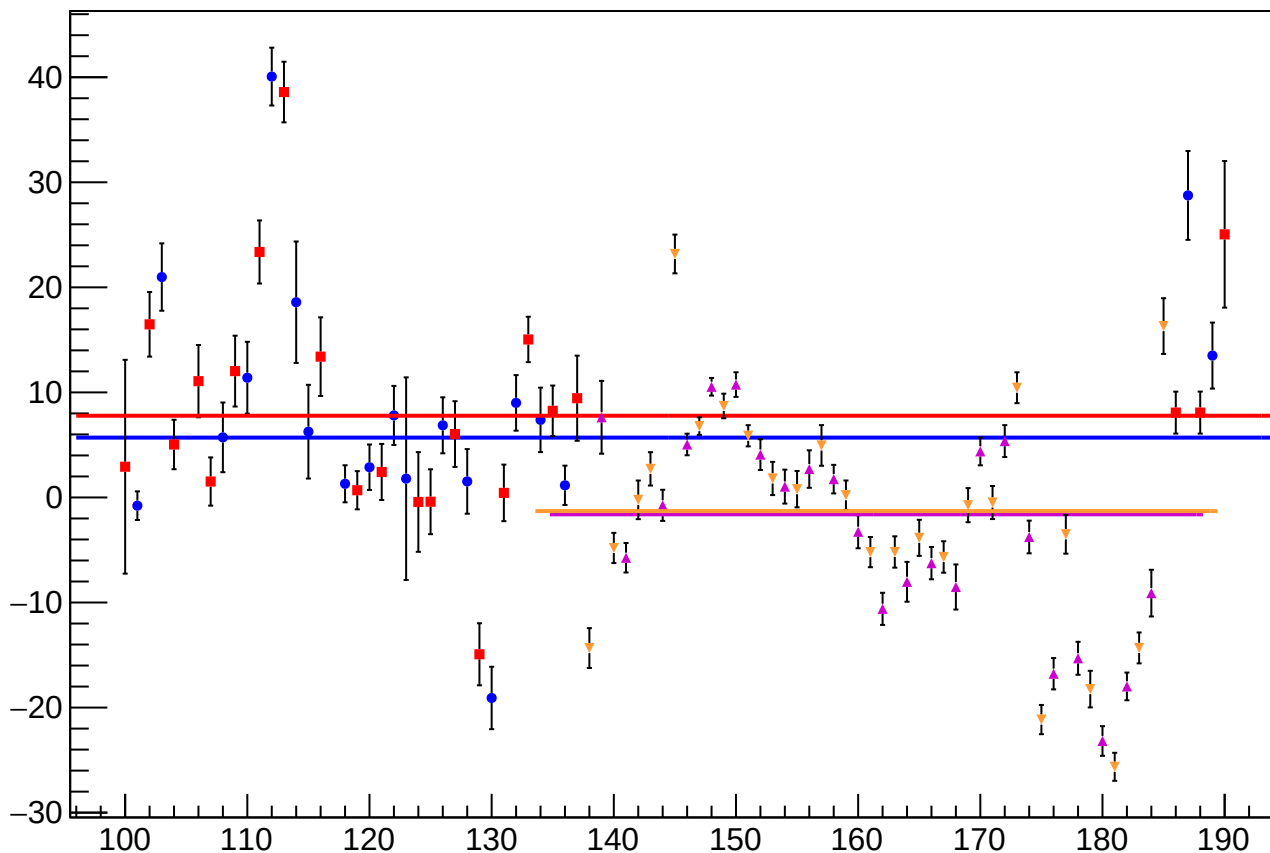
Left In: -52.409 $\pm$ 0.387 χ^2 /NDF: 3378.7/22

+ sign -54.842 $\pm$ 0.376 χ^2 /NDF: 6114.6/26

All: -58.252 $\pm$ 0.261 χ^2 /NDF: 15177.1/52

- sign -61.444 $\pm$ 0.364 χ^2 /NDF: 8903.3/25

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 5.696 ± 0.603 χ^2/NDF : 333.0/18

Left Out: -1.300 ± 0.293 χ^2/NDF : 1315.7/24

Right Out: 7.779 ± 0.590 χ^2/NDF : 276.5/21

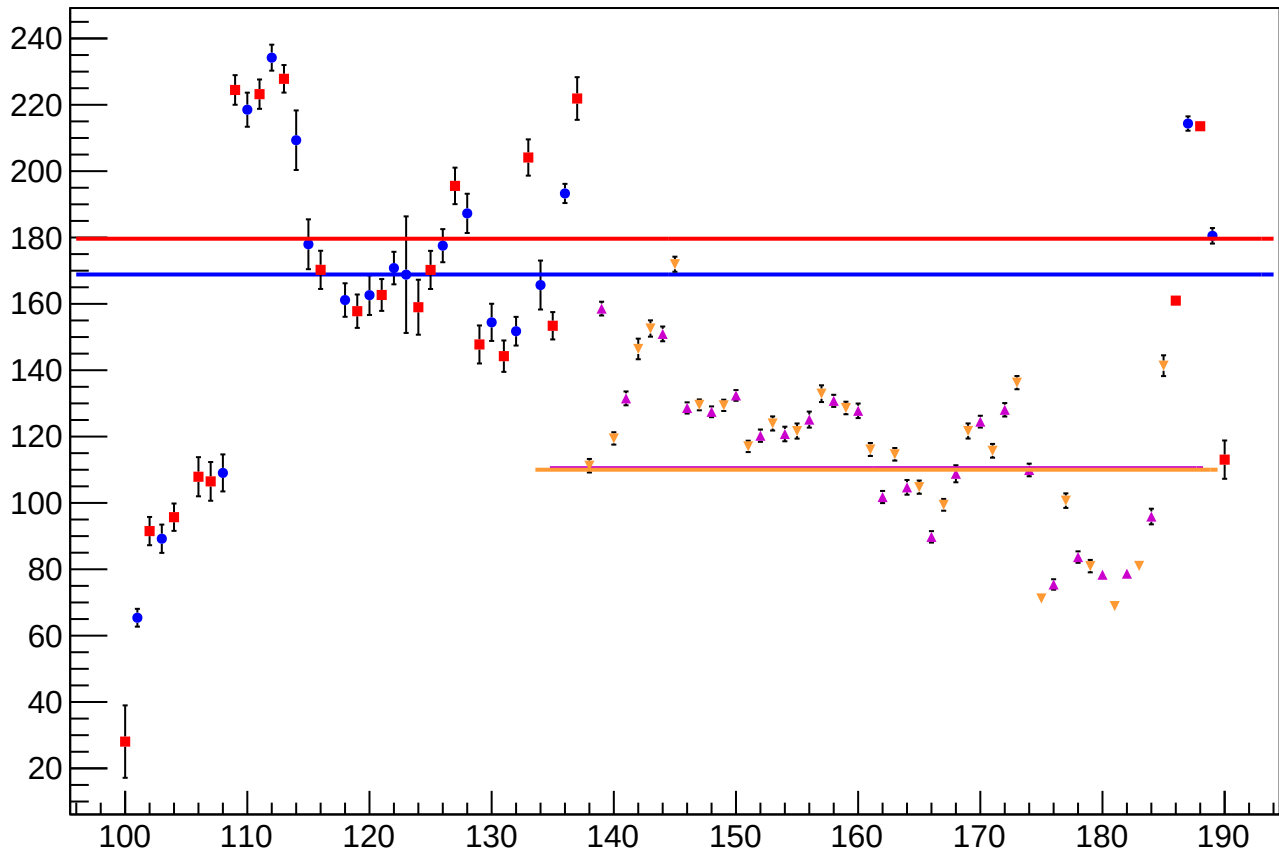
Left In: -1.608 ± 0.299 χ^2/NDF : 1097.4/22

+ sign 0.032 ± 0.263 χ^2/NDF : 1757.6/43

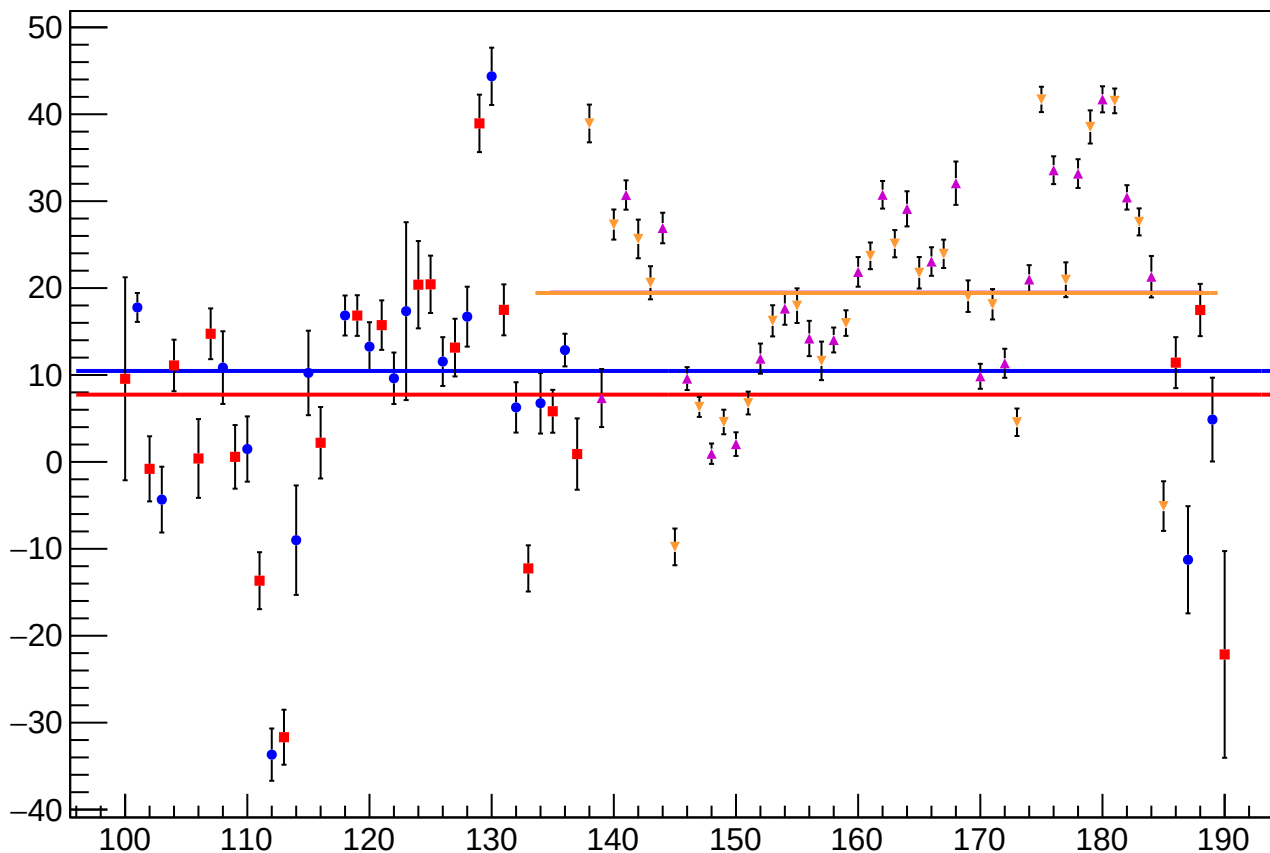
All: 0.173 ± 0.187 χ^2/NDF : 3333.5/88

- sign 0.318 ± 0.267 χ^2/NDF : 1575.3/44

reg_asym_usr_diff_bpm4eX_slope vs Slug



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: 7.739 $\pm$ 0.703 χ^2/NDF : 443.9/21

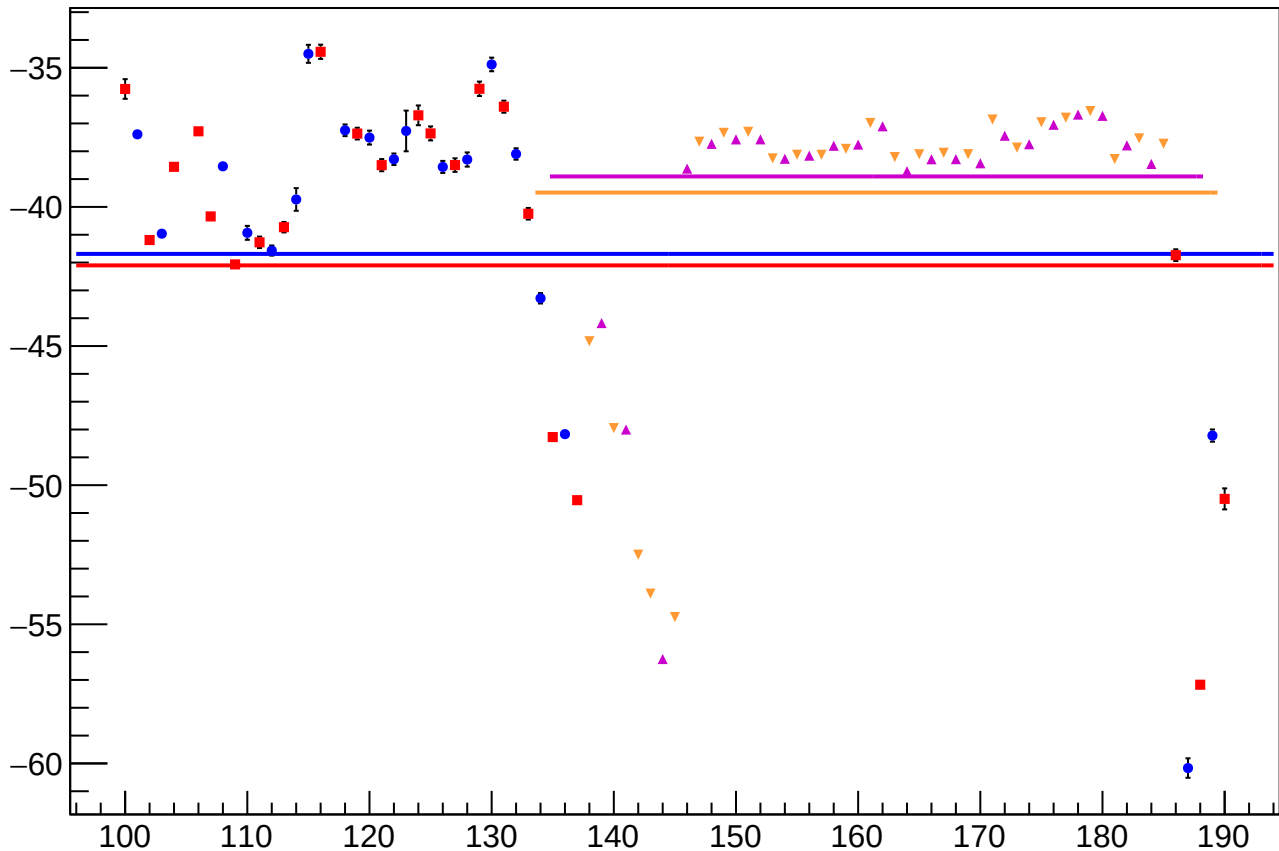
Left In: 19.472 $\pm$ 0.342 χ^2/NDF : 1188.2/22

+ sign 17.763 $\pm$ 0.303 χ^2/NDF : 1987.6/43

All: 17.502 $\pm$ 0.216 χ^2/NDF : 3846.3/88

- sign 17.233 $\pm$ 0.307 χ^2/NDF : 1857.2/44

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: -42.101 ± 0.037 $\chi^2/\text{NDF}: 22244.8/21$

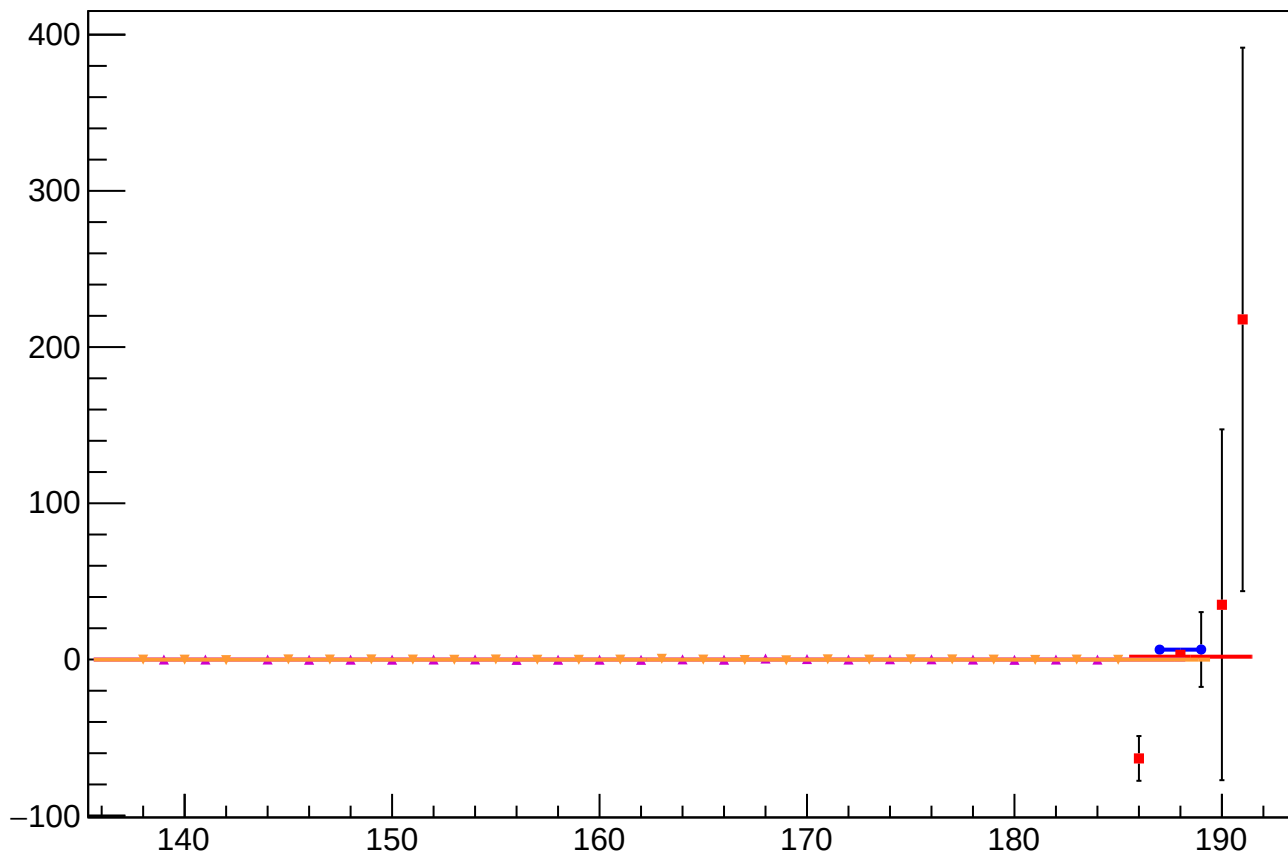
Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

+ sign -39.813 ± 0.015 $\chi^2/\text{NDF}: 108145.3/43$

All: -39.607 ± 0.010 $\chi^2/\text{NDF}: 191447.3/88$

- sign -39.403 ± 0.015 $\chi^2/\text{NDF}: 82904.4/44$

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: 1.792 ± 1.944 χ^2/NDF : 22.7/3

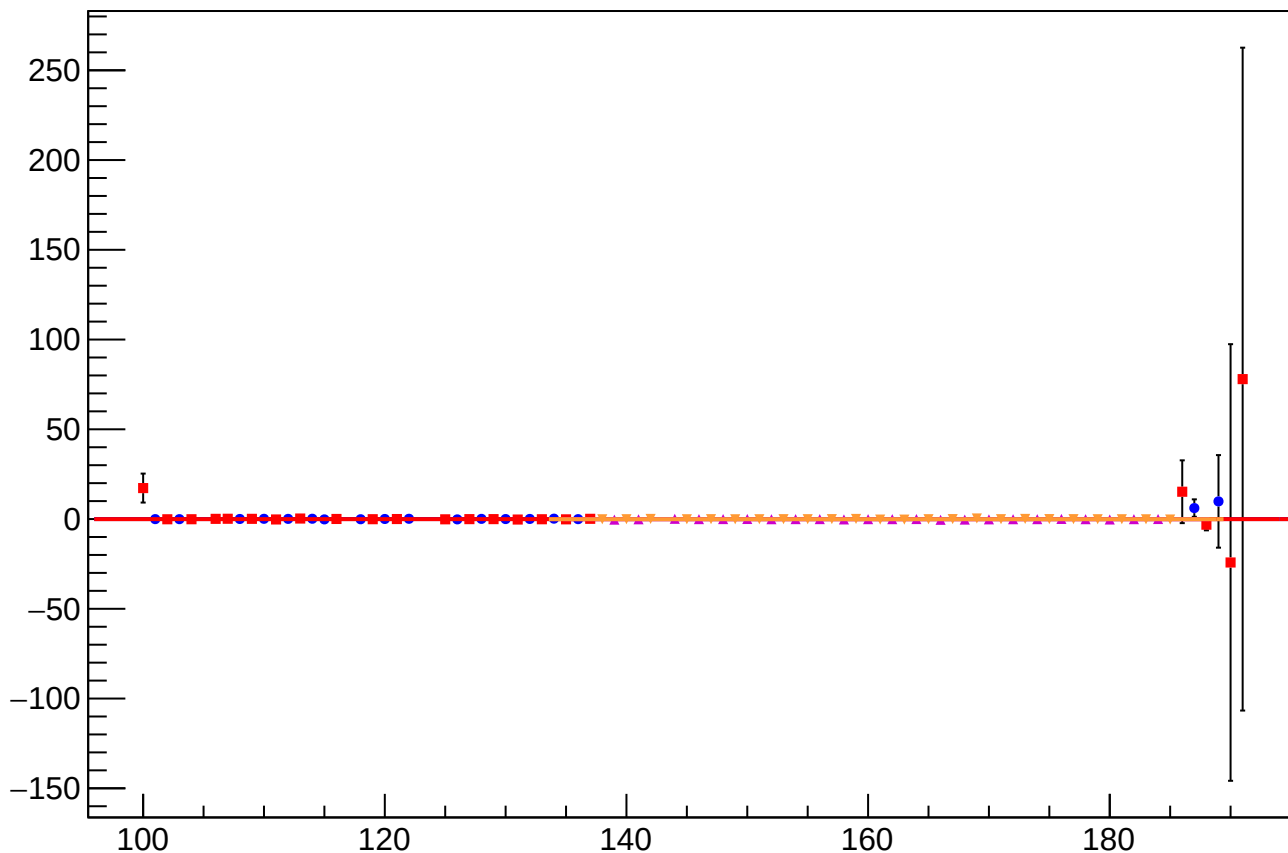
Left In: -0.026 ± 0.022 χ^2/NDF : 32.3/22

+ sign -0.089 ± 0.022 χ^2/NDF : 44.6/25

All: -0.057 ± 0.016 χ^2/NDF : 104.5/52

- sign -0.025 ± 0.022 χ^2/NDF : 55.8/26

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: -0.051 ± 0.029 χ^2/NDF : 27.7/21

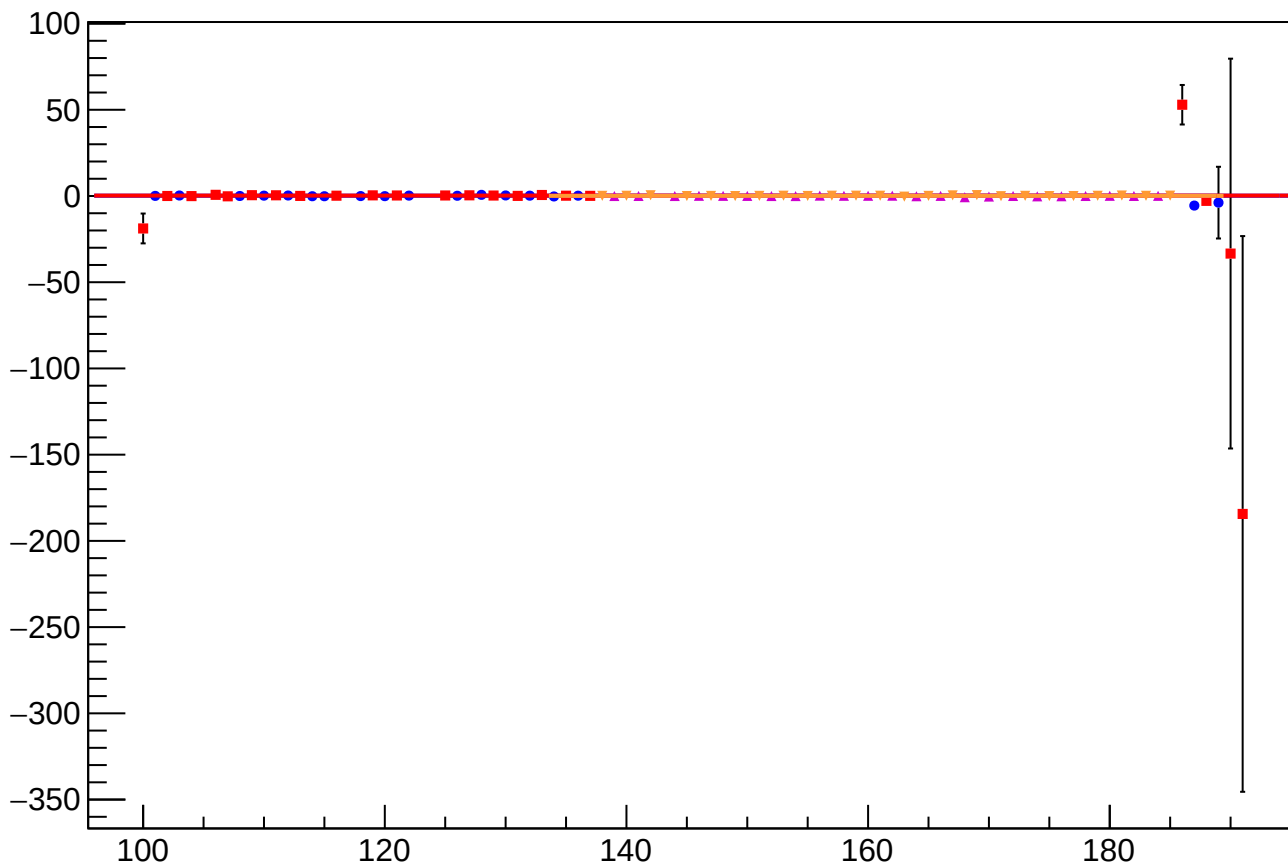
Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

+ sign -0.058 ± 0.015 χ^2/NDF : 46.3/41

All: -0.056 ± 0.011 χ^2/NDF : 106.3/86

- sign -0.054 ± 0.015 χ^2/NDF : 59.9/44

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.168 ± 0.052 χ^2/NDF : 19.1/17

Left Out: 0.082 ± 0.022 χ^2/NDF : 38.7/23

Right Out: 0.237 ± 0.054 χ^2/NDF : 48.0/21

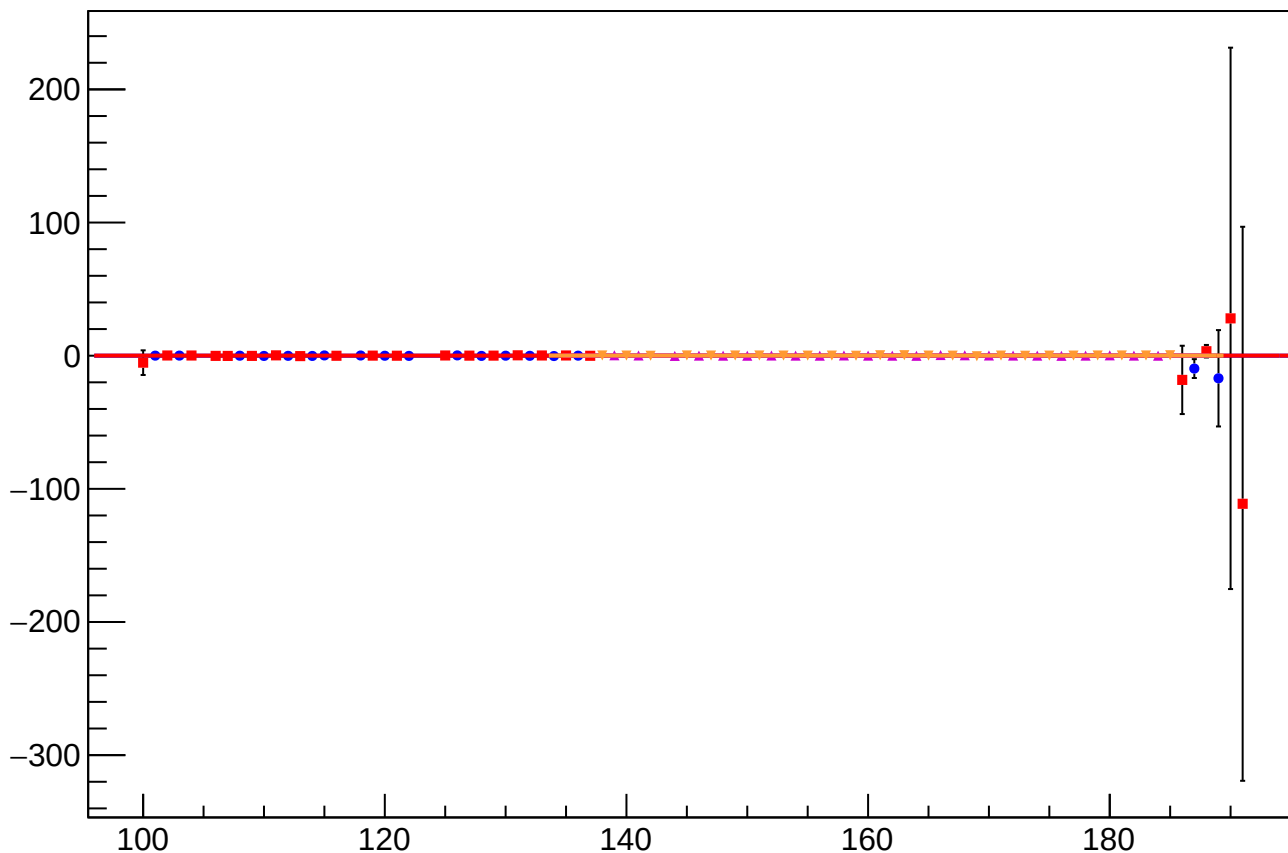
Left In: 0.020 ± 0.022 χ^2/NDF : 34.5/22

+ sign 0.095 ± 0.020 χ^2/NDF : 60.1/41

All: 0.073 ± 0.014 χ^2/NDF : 158.7/86

- sign 0.051 ± 0.020 χ^2/NDF : 96.4/44

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: 0.059 ± 0.034 χ^2/NDF : 21.9/21

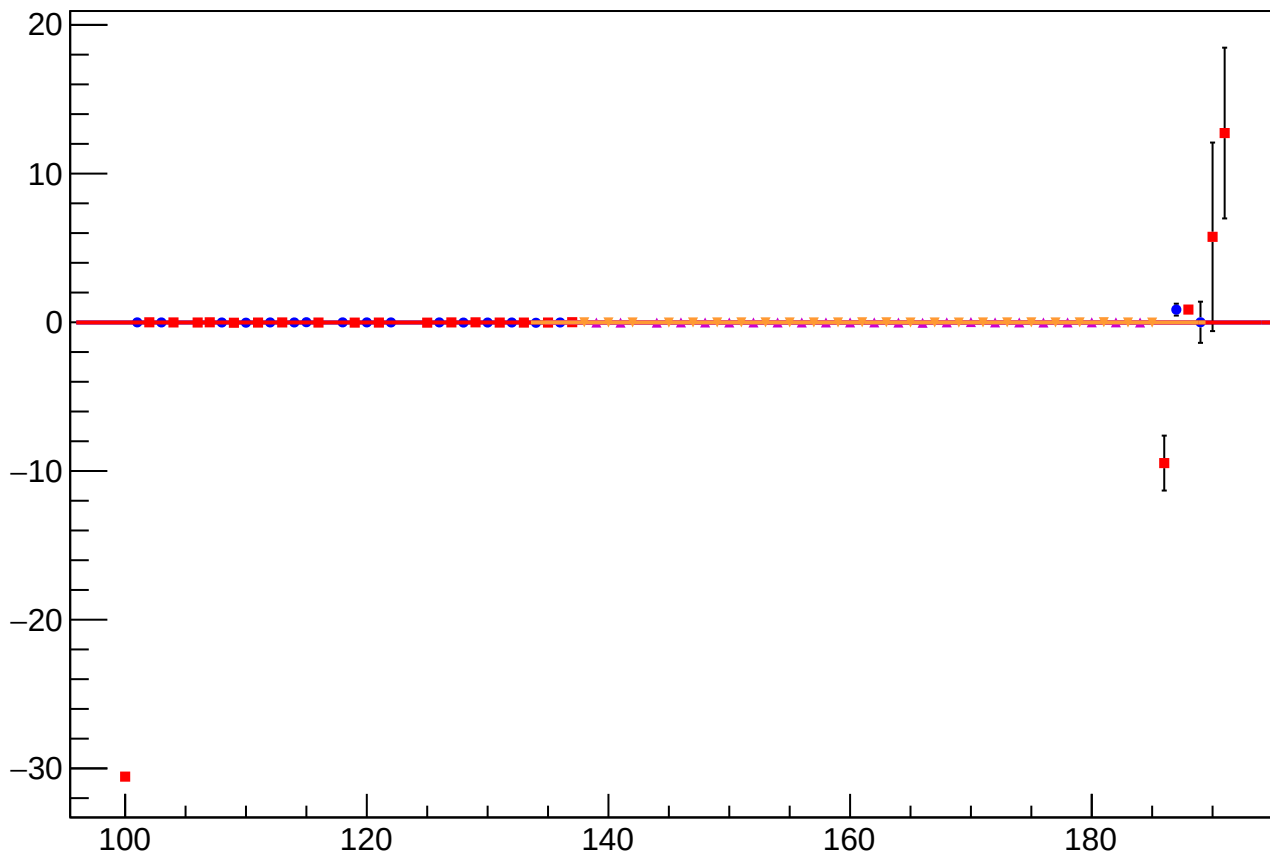
Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

+ sign 0.074 ± 0.017 χ^2/NDF : 54.7/41

All: 0.071 ± 0.012 χ^2/NDF : 108.4/86

- sign 0.069 ± 0.017 χ^2/NDF : 53.7/44

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: -0.012 ± 0.002 χ^2/NDF : 11936.4/21

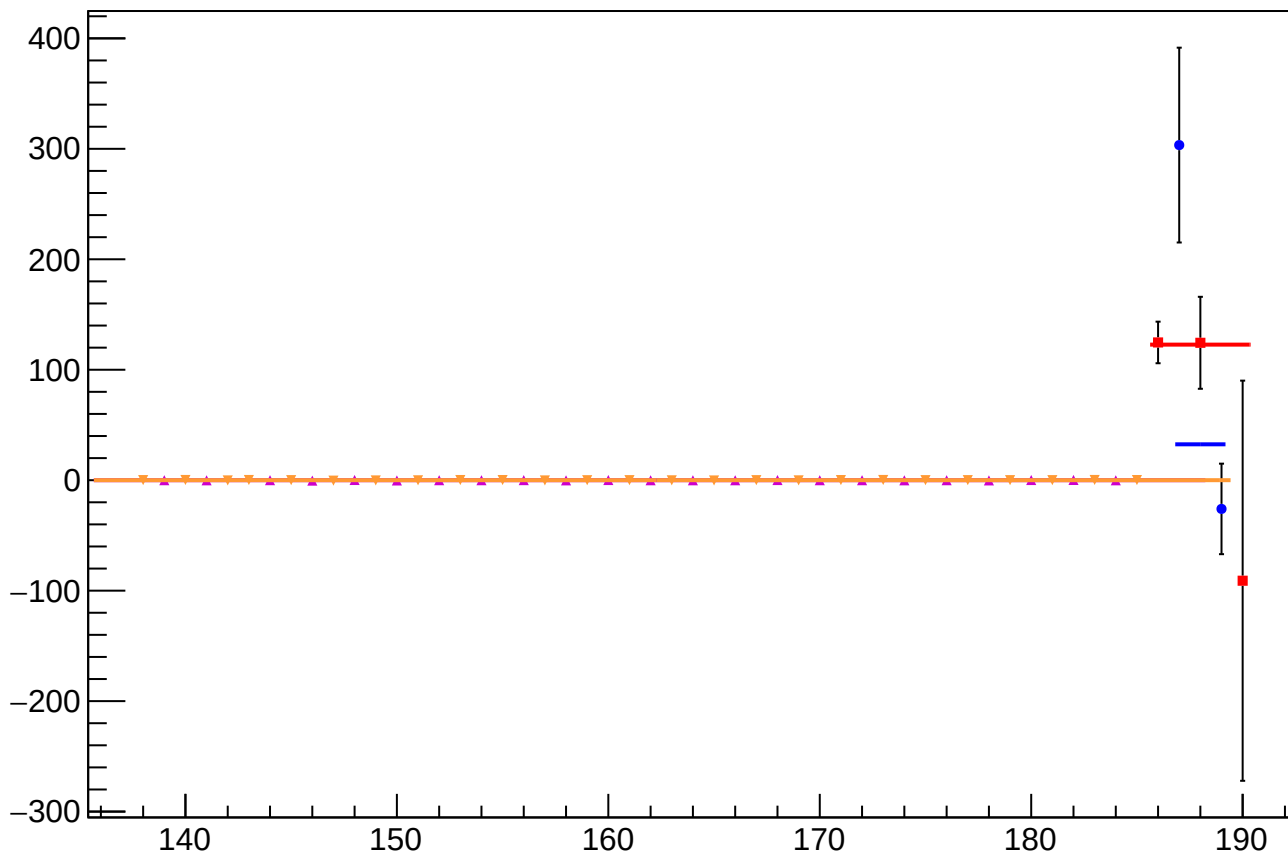
Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

+ sign -0.009 ± 0.001 χ^2/NDF : 51.9/41

All: -0.009 ± 0.001 χ^2/NDF : 12033.4/86

- sign -0.009 ± 0.001 χ^2/NDF : 11981.1/44

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: 122.737+/-17.074 χ^2/NDF : 1.4/2

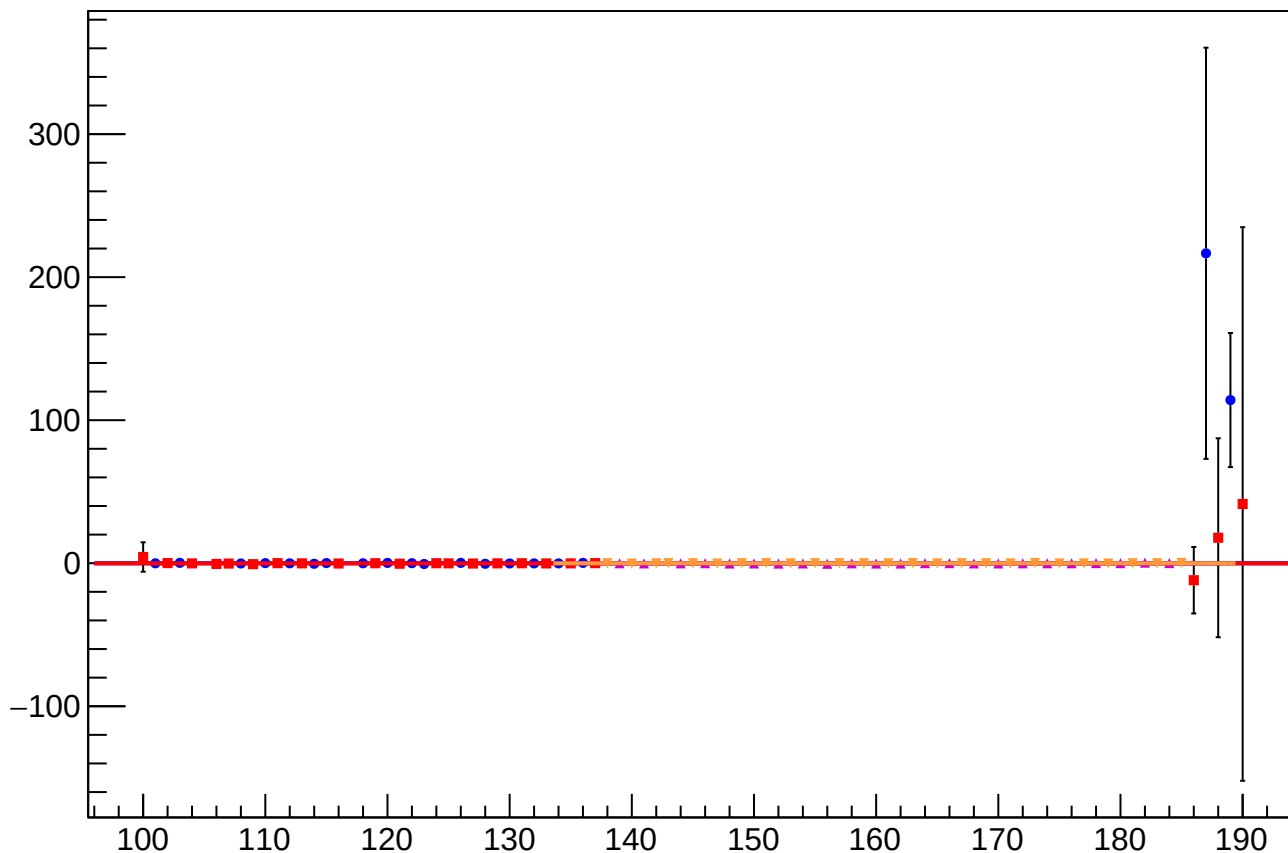
Left In: 0.004+/-0.028 χ^2/NDF : 28.2/22

+ sign 0.013+/-0.027 χ^2/NDF : 41.4/26

All: 0.009+/-0.019 χ^2/NDF : 122.7/52

- sign 0.005+/-0.028 χ^2/NDF : 81.3/25

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: -0.128 ± 0.039 χ^2/NDF : 18.0/21

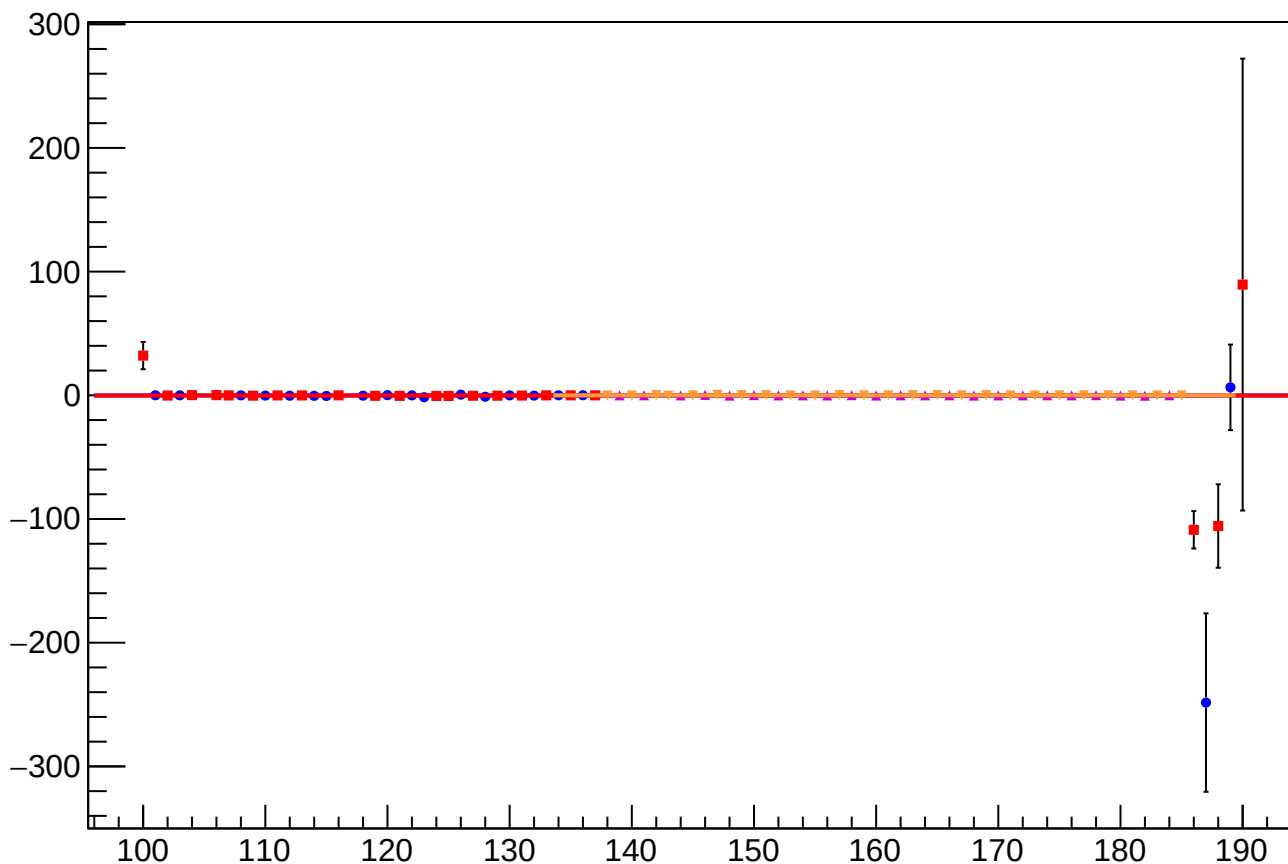
Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

+ sign -0.049 ± 0.018 χ^2/NDF : 57.6/43

All: -0.066 ± 0.013 χ^2/NDF : 127.7/88

- sign -0.085 ± 0.019 χ^2/NDF : 68.3/44

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: -0.174 ± 0.071 χ^2/NDF : 76.7/21

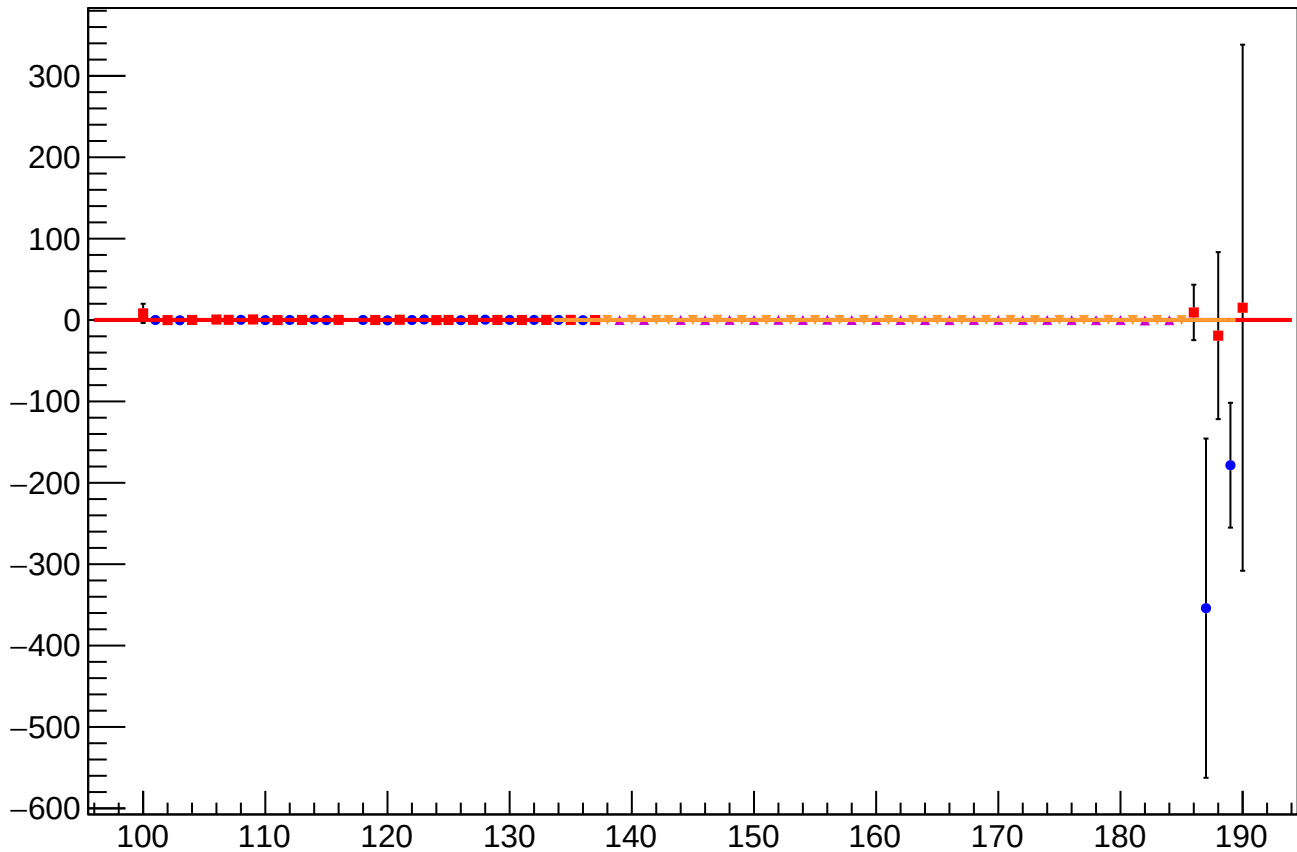
Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

+ sign -0.031 ± 0.025 χ^2/NDF : 65.2/43

All: -0.042 ± 0.018 χ^2/NDF : 173.4/88

- sign -0.053 ± 0.026 χ^2/NDF : 107.8/44

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 30.8/18

Left Out: 0.062 $\pm$ 0.024 χ^2 /NDF: 25.0/24

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.4/21

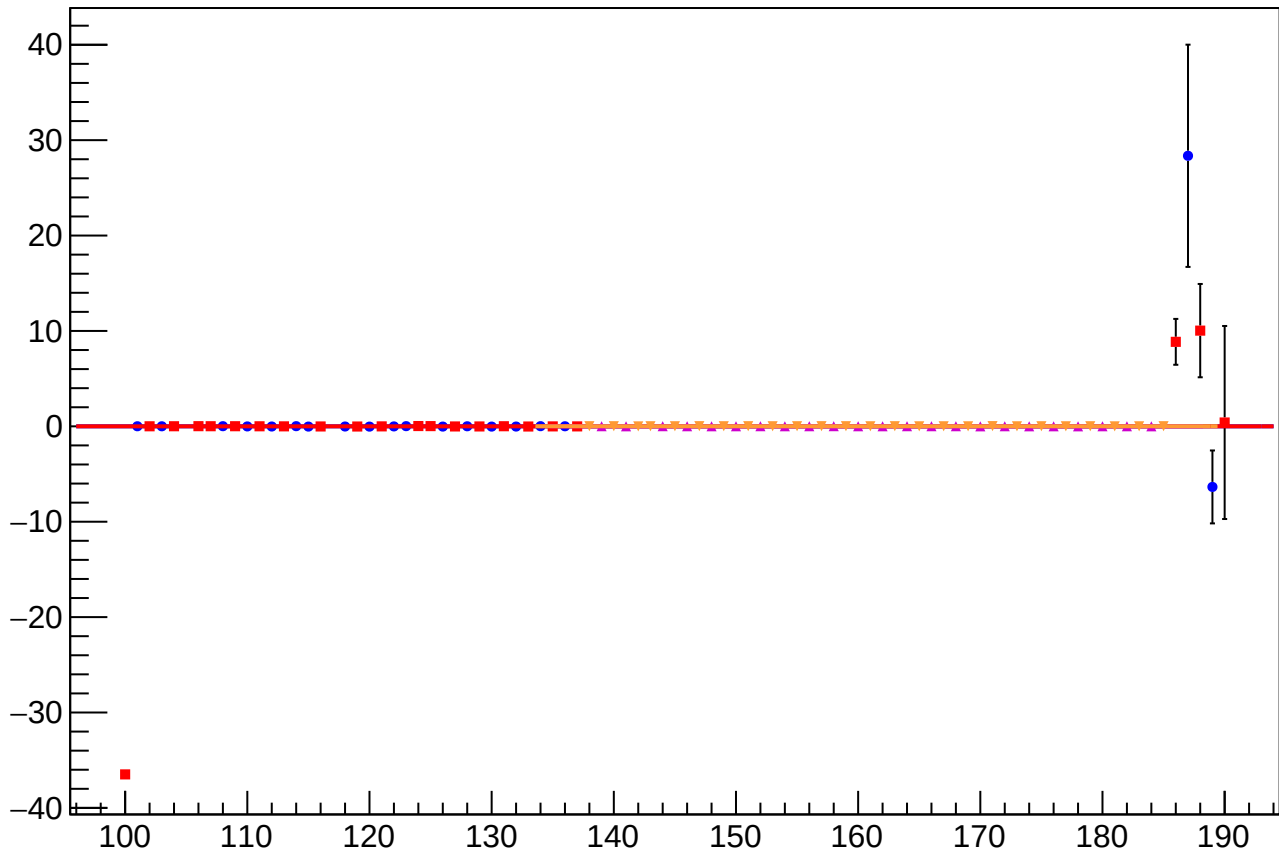
Left In: 0.069 $\pm$ 0.025 χ^2 /NDF: 51.4/22

+ sign 0.052 $\pm$ 0.021 χ^2 /NDF: 56.5/43

All: 0.069 $\pm$ 0.015 χ^2 /NDF: 128.4/88

- sign 0.088 $\pm$ 0.022 χ^2 /NDF: 70.4/44

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 41.1/18

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 25.9/24

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10466.9/21

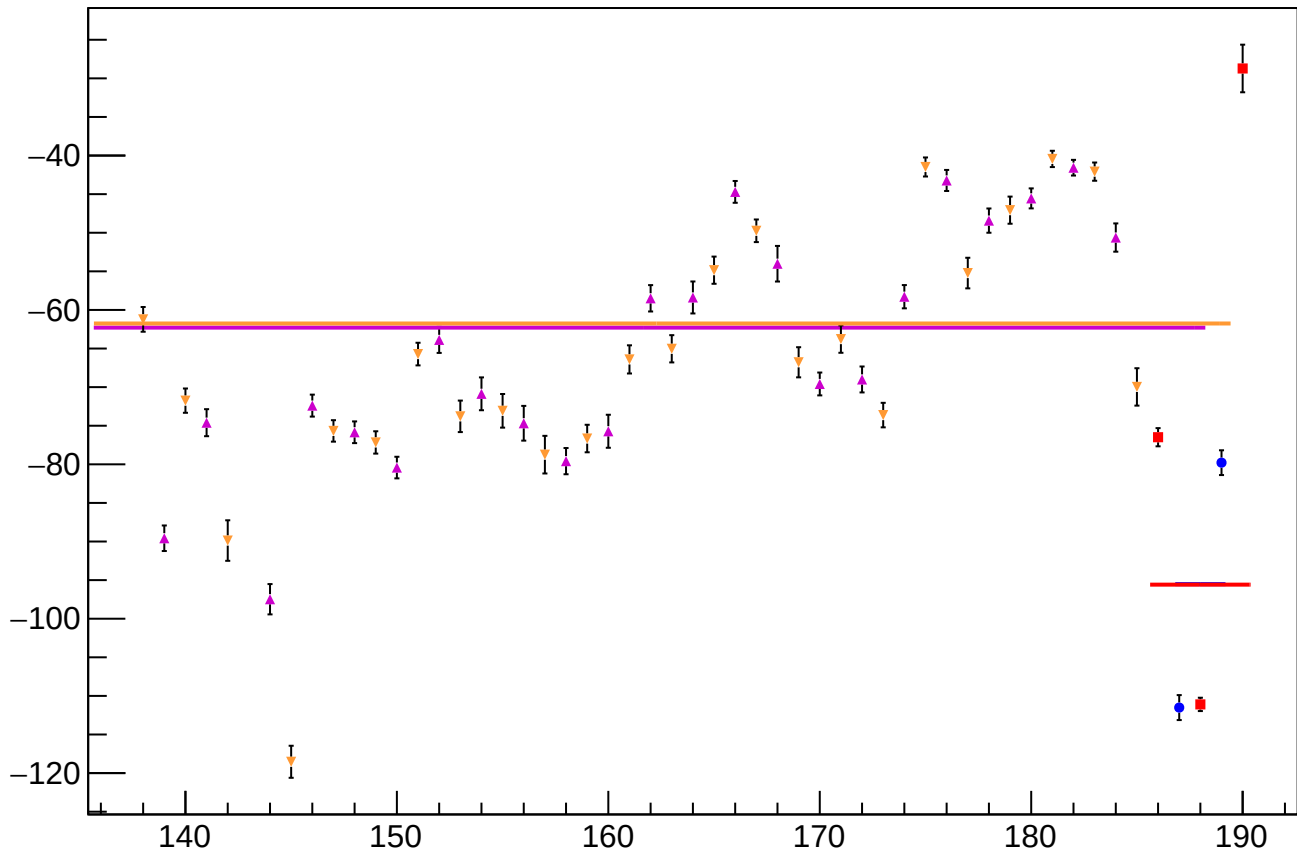
Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 75.2/43

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10568.3/88

- sign 0.008 $\pm$ 0.001 χ^2 /NDF: 10492.9/44

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: -95.587 ± 0.680 χ^2/NDF : 1055.2/2

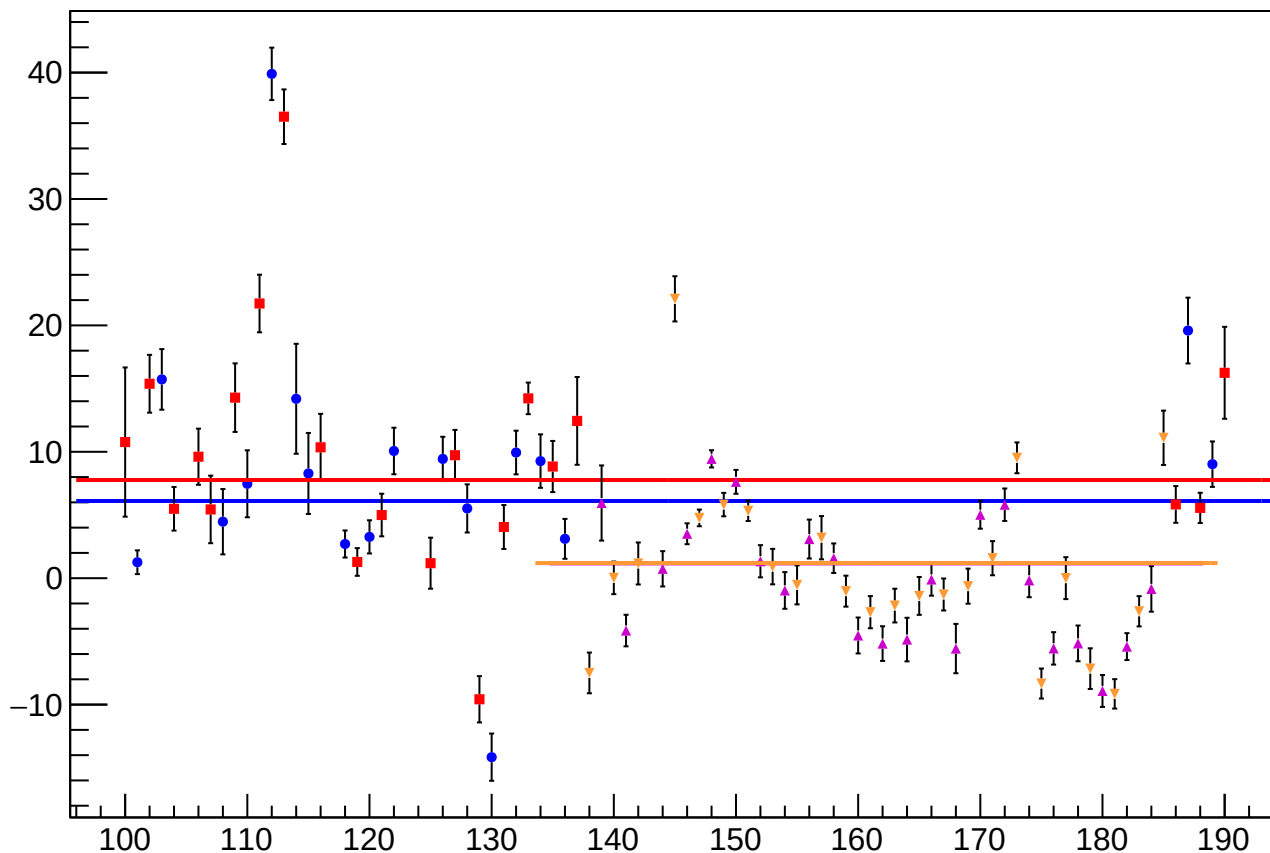
Left In: -62.290 ± 0.331 χ^2/NDF : 2265.0/22

+ sign -64.426 ± 0.320 χ^2/NDF : 3512.2/25

All: -66.708 ± 0.218 χ^2/NDF : 8866.5/51

- sign -68.678 ± 0.298 χ^2/NDF : 5259.7/25

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.108 ± 0.407 $\chi^2/\text{NDF}: 493.8/17$

Left Out: 1.197 ± 0.252 $\chi^2/\text{NDF}: 526.1/23$

Right Out: 7.768 ± 0.405 $\chi^2/\text{NDF}: 419.0/20$

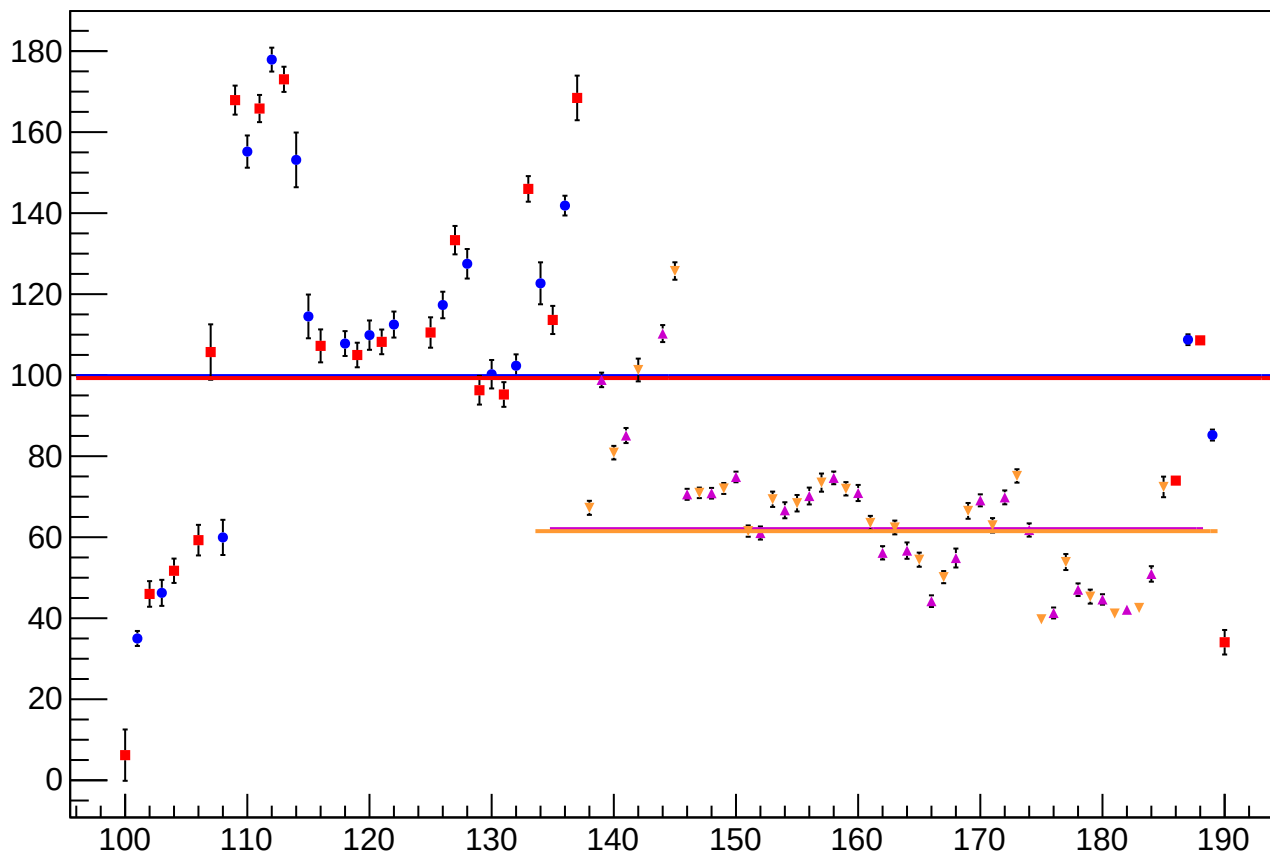
Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

+ sign 2.561 ± 0.215 $\chi^2/\text{NDF}: 1124.9/41$

All: 2.801 ± 0.152 $\chi^2/\text{NDF}: 2203.0/85$

- sign 3.043 ± 0.216 $\chi^2/\text{NDF}: 1075.6/43$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 99.774 $\pm$ 0.615 χ^2 /NDF: 3145.5/17

Left Out: 61.496 $\pm$ 0.332 χ^2 /NDF:2610.2/23

Right Out: 99.284 $\pm$ 0.459 χ^2 /NDF: 4068.8/20

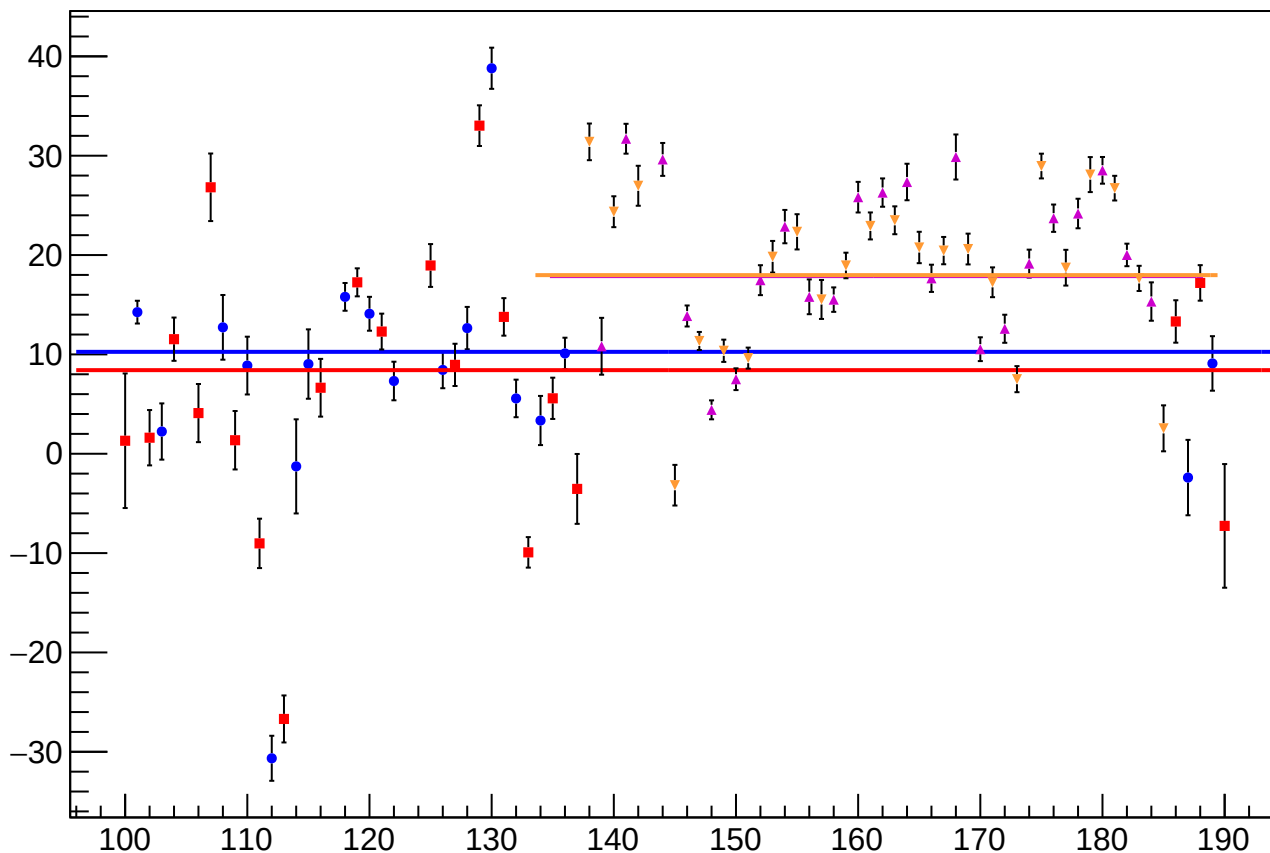
Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

+ sign 70.155 $\pm$ 0.292 χ^2 /NDF: 8757.6/41

All: 72.596 $\pm$ 0.197 χ^2 /NDF: 19830.0/85

- sign 74.640 $\pm$ 0.267 χ^2 /NDF: 10944.3/43

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.258+/-0.480 χ^2 /NDF: 593.1/17

Left Out: 17.979+/-0.291 χ^2 /NDF: 674.8/23

Right Out: 8.415+/-0.488 χ^2 /NDF: 728.3/20

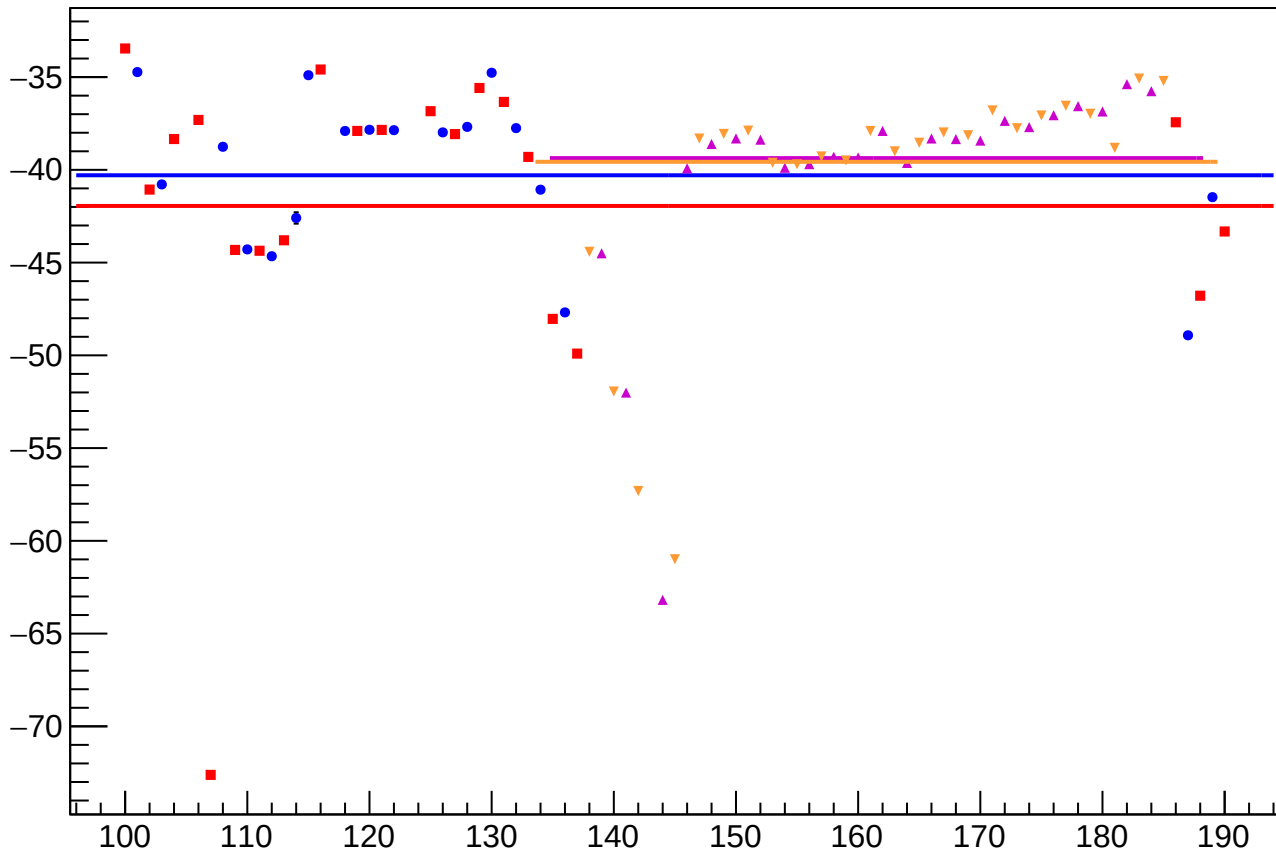
Left In: 17.881+/-0.292 χ^2 /NDF: 730.9/22

+ sign 15.909+/-0.249 χ^2 /NDF: 1456.9/41

All: 15.651+/-0.176 χ^2 /NDF: 3195.5/85

- sign 15.390+/-0.250 χ^2 /NDF: 1736.4/43

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.293 ± 0.027 χ^2/NDF : 26891.4/17

Left Out: -39.567 ± 0.014 χ^2/NDF : 141152.0/23

Right Out: -41.946 ± 0.027 χ^2/NDF : 65617.3/20

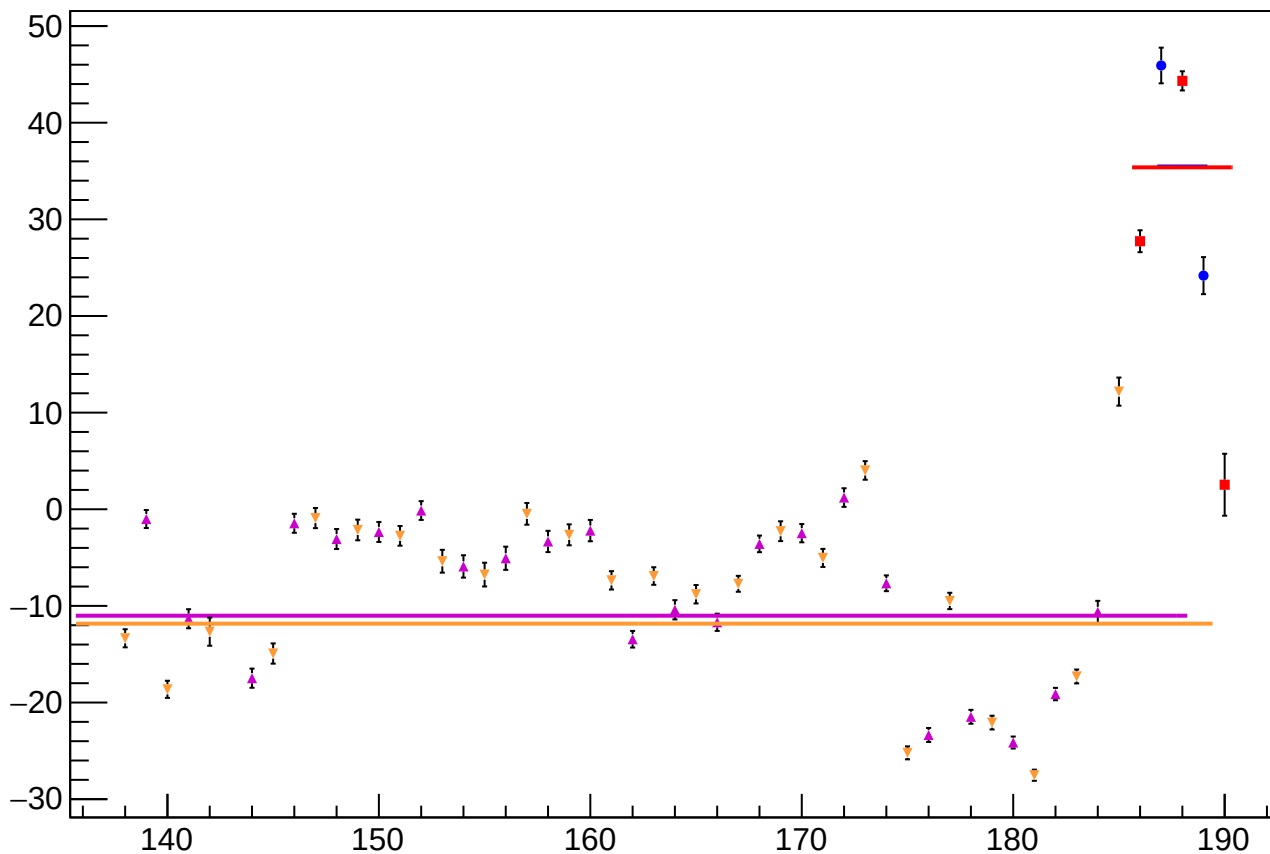
Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

+ sign -39.714 ± 0.012 χ^2/NDF : 168609.7/41

All: -39.808 ± 0.009 χ^2/NDF : 359753.2/85

- sign -39.898 ± 0.012 χ^2/NDF : 191029.0/43

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 35.466 ± 1.329 $\chi^2/\text{NDF}: 66.8/1$

Left Out: -11.837 ± 0.187 $\chi^2/\text{NDF}: 2742.4/23$

Right Out: 35.378 ± 0.727 $\chi^2/\text{NDF}: 232.1/2$

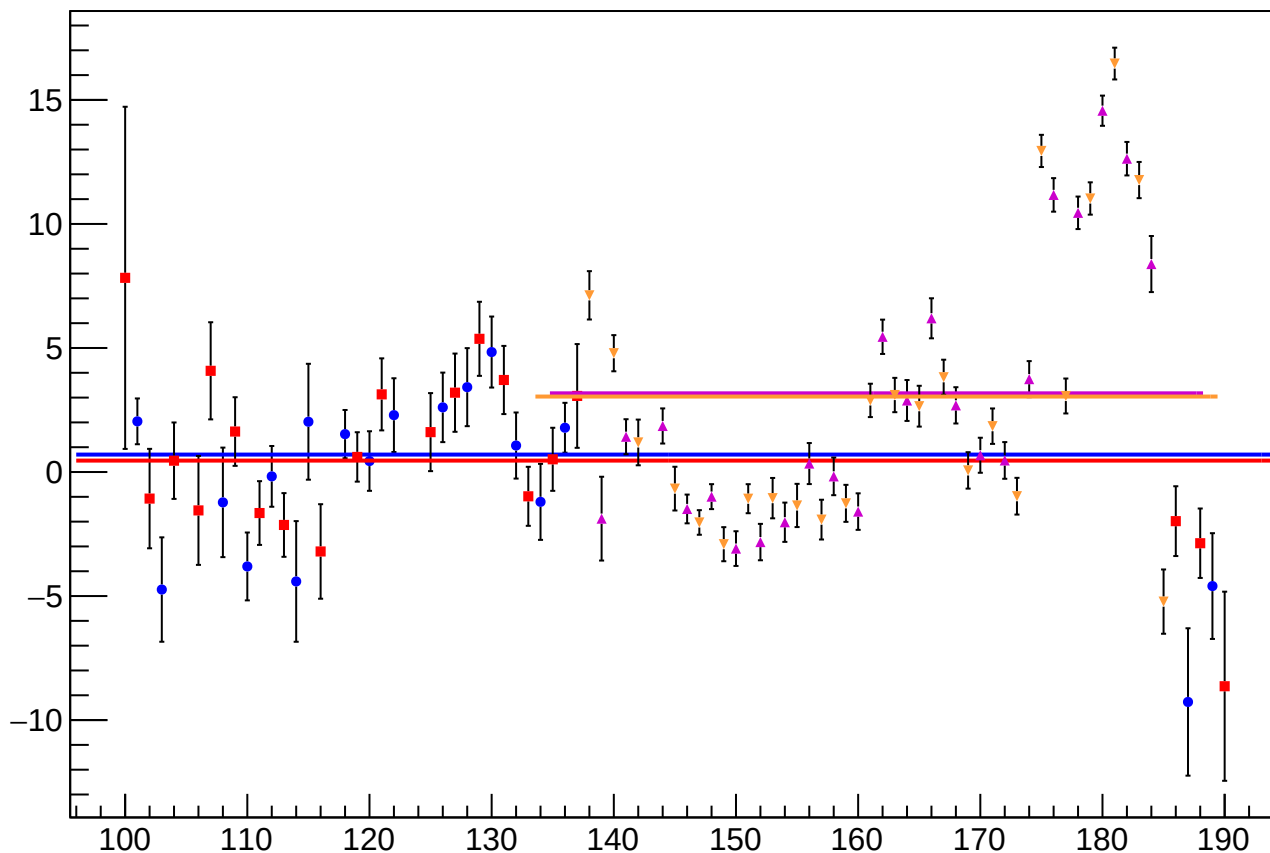
Left In: -11.014 ± 0.187 $\chi^2/\text{NDF}: 2116.6/22$

+ sign -10.921 ± 0.185 $\chi^2/\text{NDF}: 4050.8/25$

All: -9.496 ± 0.129 $\chi^2/\text{NDF}: 10338.9/51$

- sign -8.127 ± 0.181 $\chi^2/\text{NDF}: 6171.8/25$

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: 0.461 ± 0.332 χ^2/NDF : 57.9/20

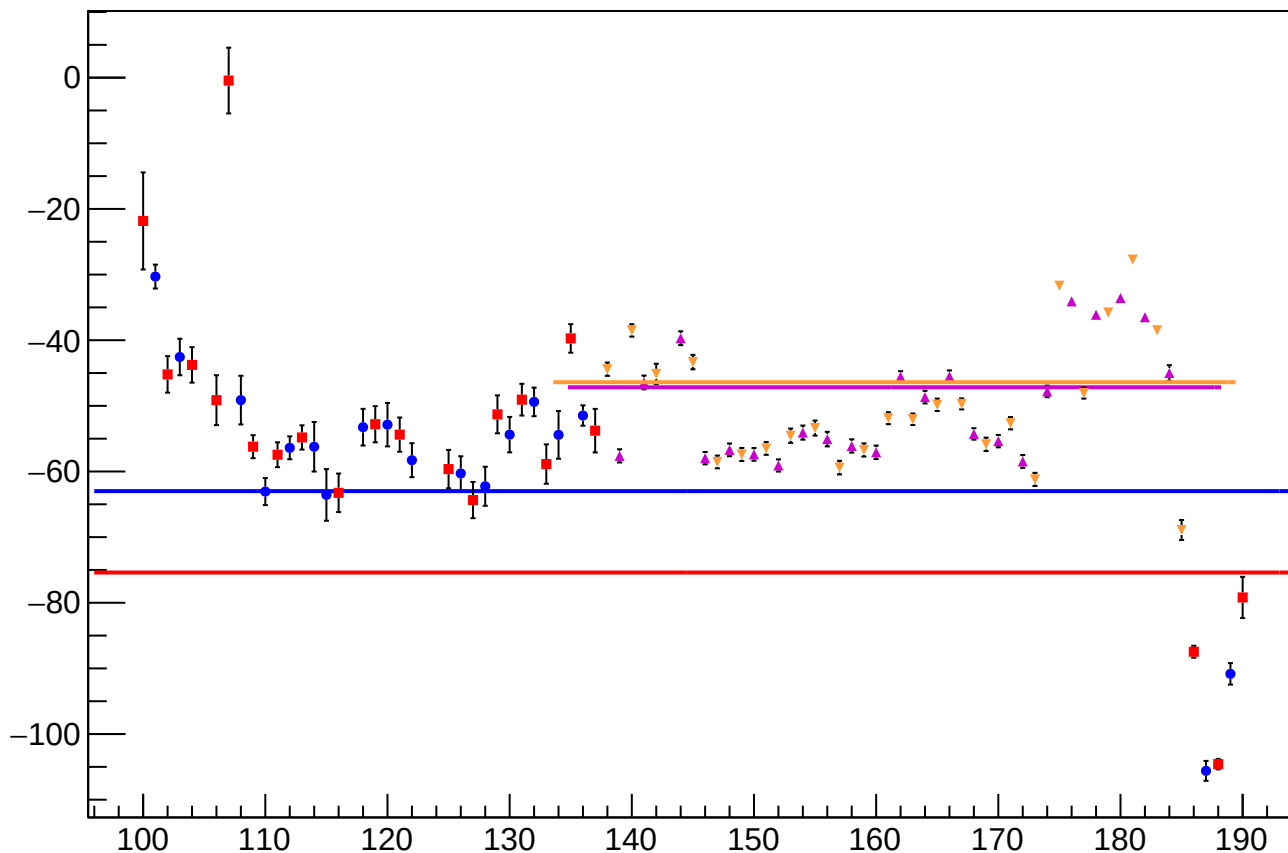
Left In: 3.172 ± 0.150 χ^2/NDF : 1297.9/22

+ sign 2.655 ± 0.135 χ^2/NDF : 1555.0/41

All: 2.684 ± 0.096 χ^2/NDF : 2966.4/85

- sign 2.714 ± 0.136 χ^2/NDF : 1411.3/43

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -62.993 ± 0.536 χ^2/NDF : 1624.6/17

Left Out: -46.398 ± 0.187 χ^2/NDF : 3289.4/23

Right Out: -75.393 ± 0.426 χ^2/NDF : 3151.8/20

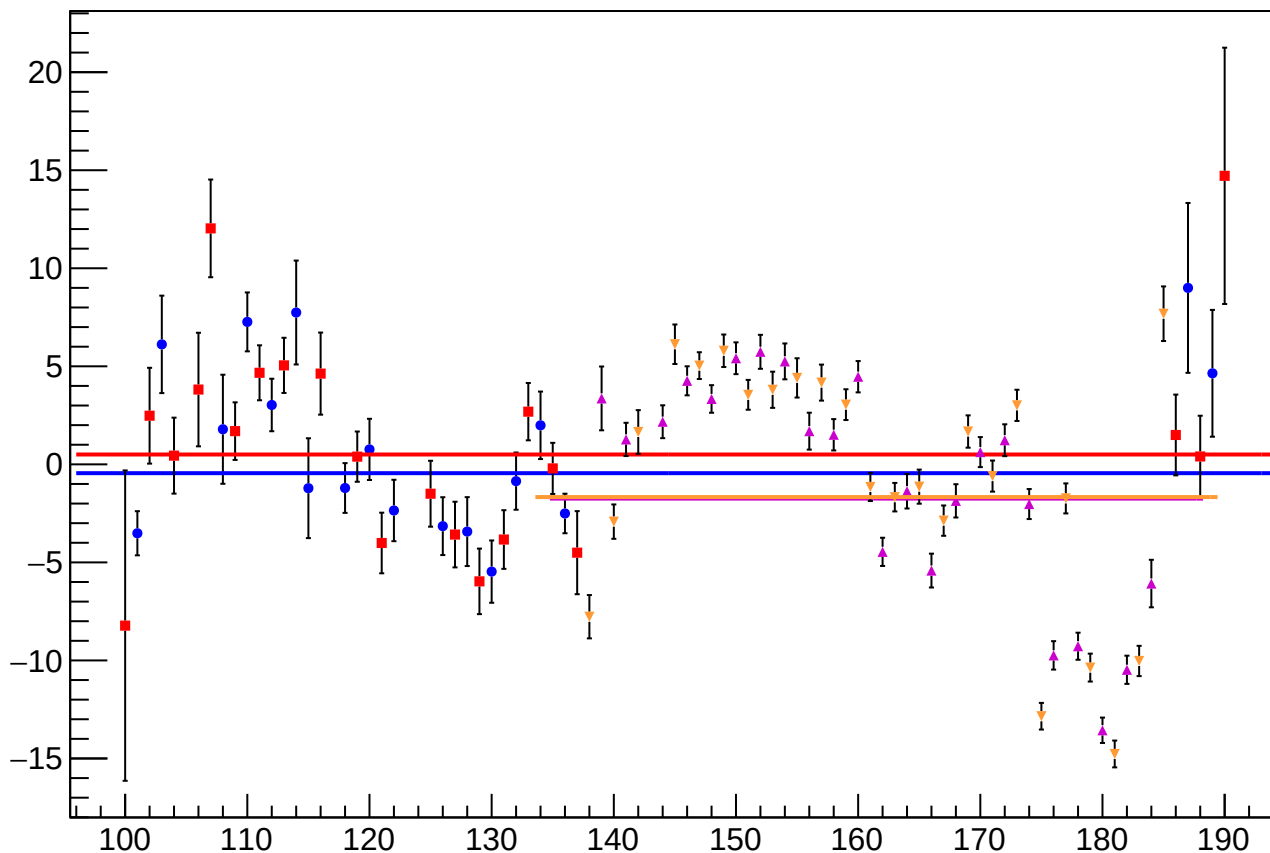
Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

+ sign -48.190 ± 0.176 χ^2/NDF : 5768.9/41

All: -50.005 ± 0.123 χ^2/NDF : 15338.6/85

- sign -51.711 ± 0.171 χ^2/NDF : 9363.9/43

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: 0.503 ± 0.385 χ^2/NDF : 100.8/20

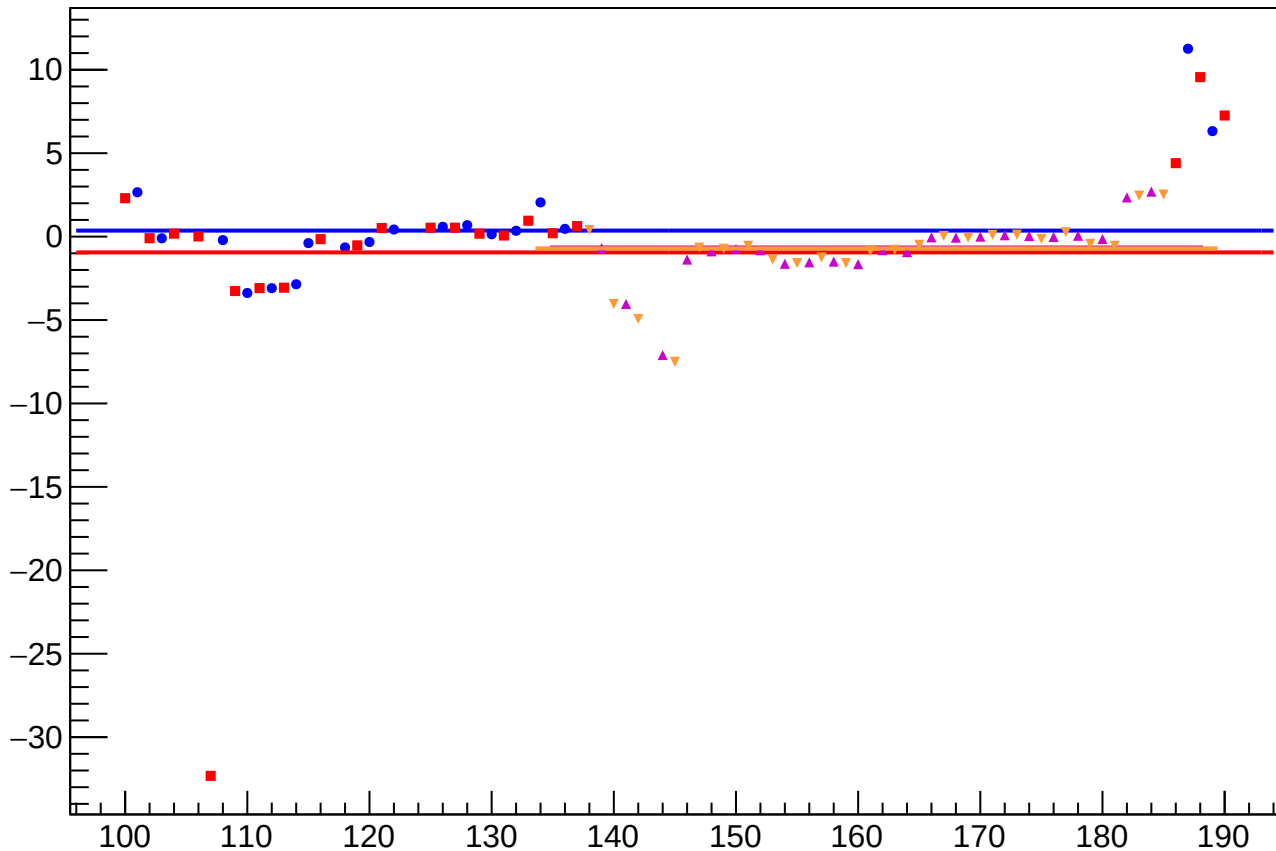
Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

+ sign -1.471 ± 0.153 χ^2/NDF : 1577.9/41

All: -1.428 ± 0.109 χ^2/NDF : 2961.6/85

- sign -1.385 ± 0.154 χ^2/NDF : 1383.5/43

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.361 ± 0.021 $\chi^2/\text{NDF}: 9273.7/17$

Left Out: -0.703 ± 0.008 $\chi^2/\text{NDF}: 53770.3/23$

Right Out: -0.946 ± 0.021 $\chi^2/\text{NDF}: 92250.9/20$

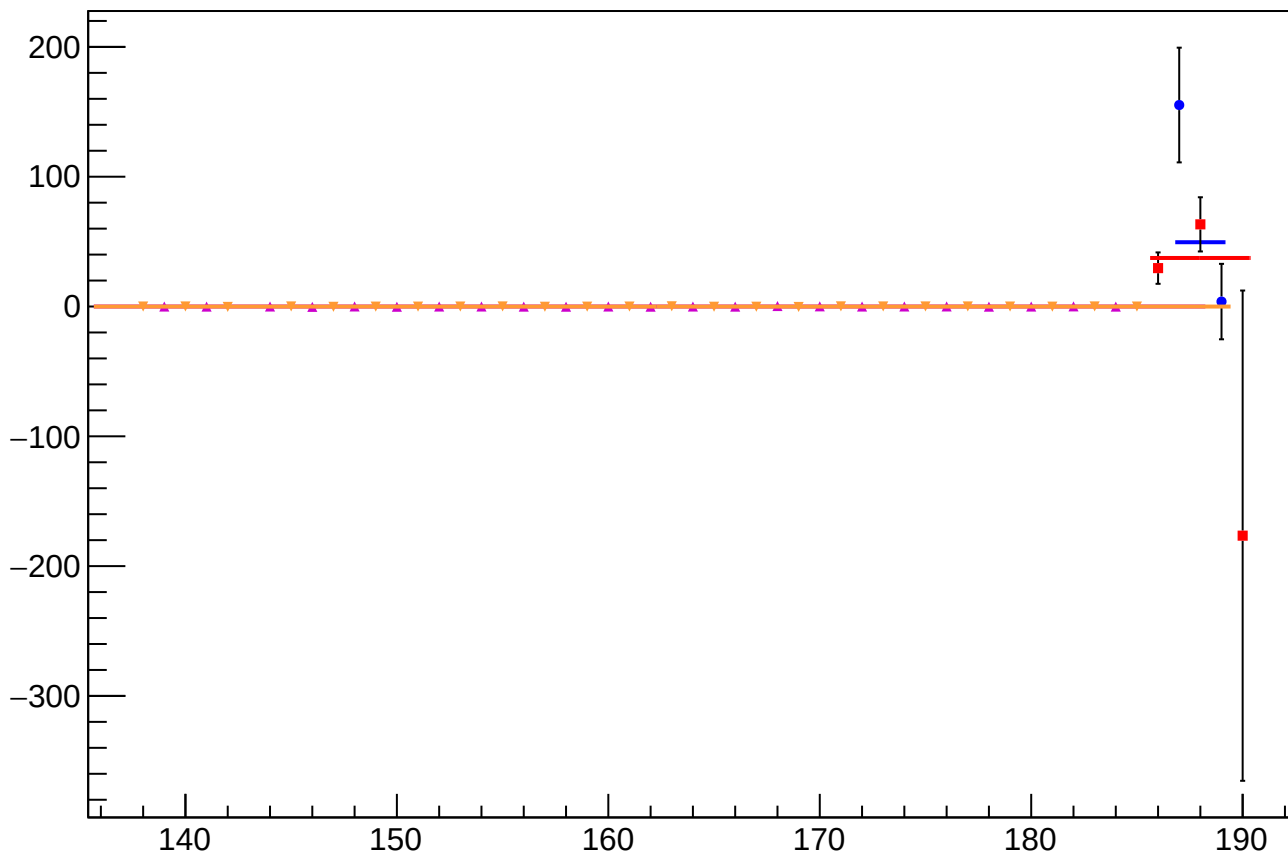
Left In: -0.651 ± 0.008 $\chi^2/\text{NDF}: 44167.1/22$

+ sign -0.580 ± 0.007 $\chi^2/\text{NDF}: 65279.3/41$

All: -0.633 ± 0.005 $\chi^2/\text{NDF}: 201981.2/85$

- sign -0.686 ± 0.007 $\chi^2/\text{NDF}: 136592.6/43$

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: 37.396+/-10.447 χ^2/NDF : 3.2/2

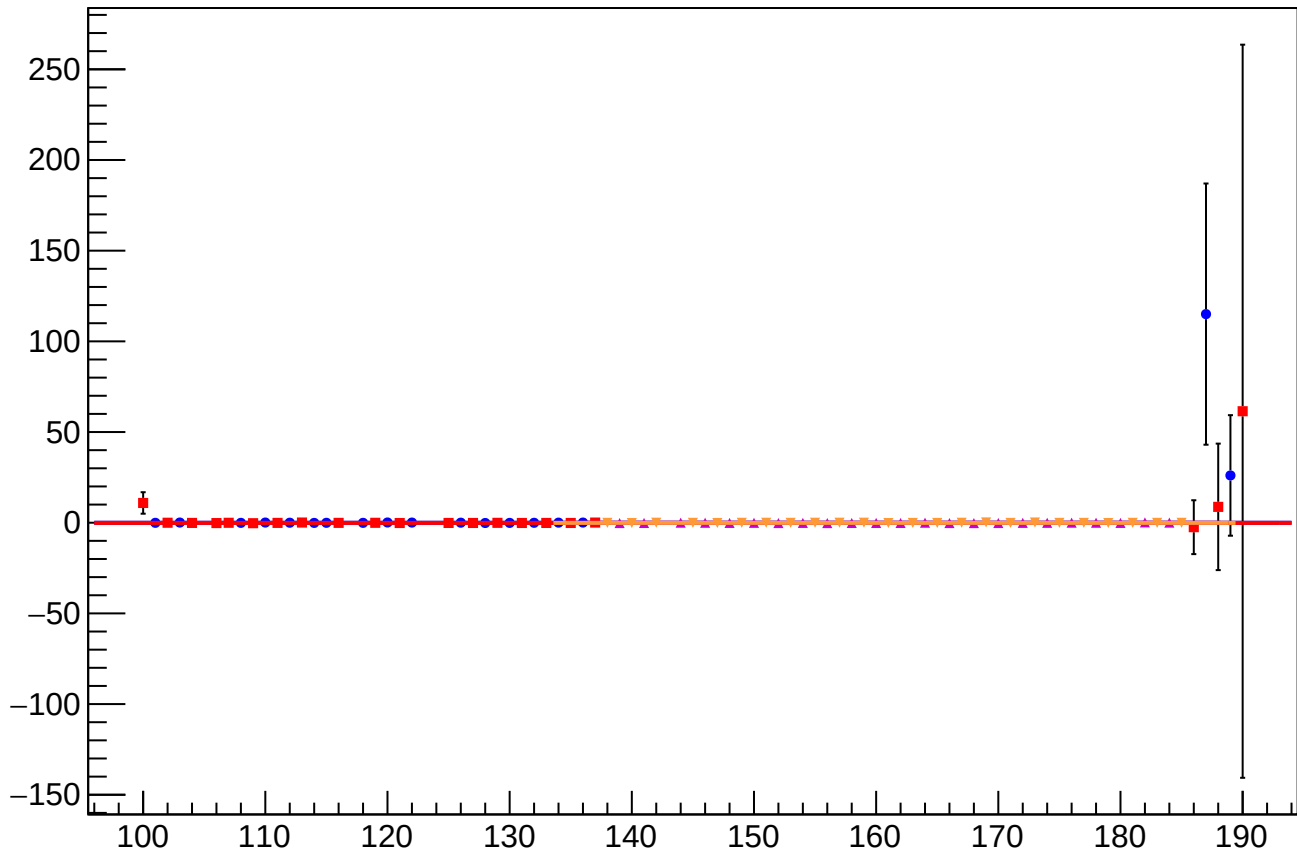
Left In: -0.009+/-0.018 χ^2/NDF : 35.3/22

+ sign -0.038+/-0.018 χ^2/NDF : 48.0/25

All: -0.024+/-0.013 χ^2/NDF : 100.6/51

- sign -0.009+/-0.018 χ^2/NDF : 51.3/25

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 15.4/17

Left Out: -0.073 $\pm$ 0.014 χ^2 /NDF: 27.8/23

Right Out: -0.092 $\pm$ 0.025 χ^2 /NDF: 12.9/20

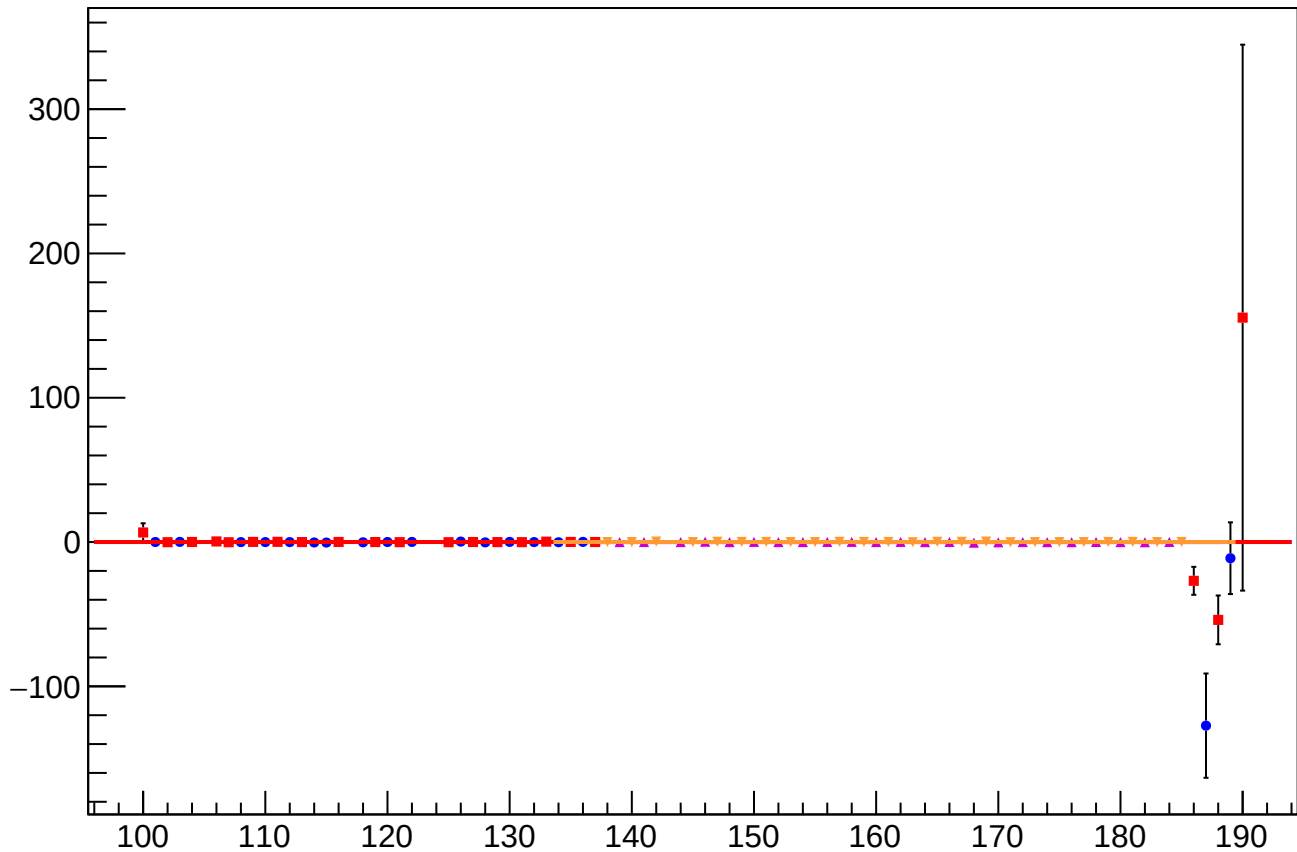
Left In: -0.065 $\pm$ 0.014 χ^2 /NDF: 40.4/22

+ sign -0.057 $\pm$ 0.012 χ^2 /NDF: 48.1/41

All: -0.064 $\pm$ 0.009 χ^2 /NDF: 102.9/85

- sign -0.072 $\pm$ 0.012 χ^2 /NDF: 54.1/43

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: 0.029 $\pm$ 0.045 χ^2 /NDF: 27.8/20

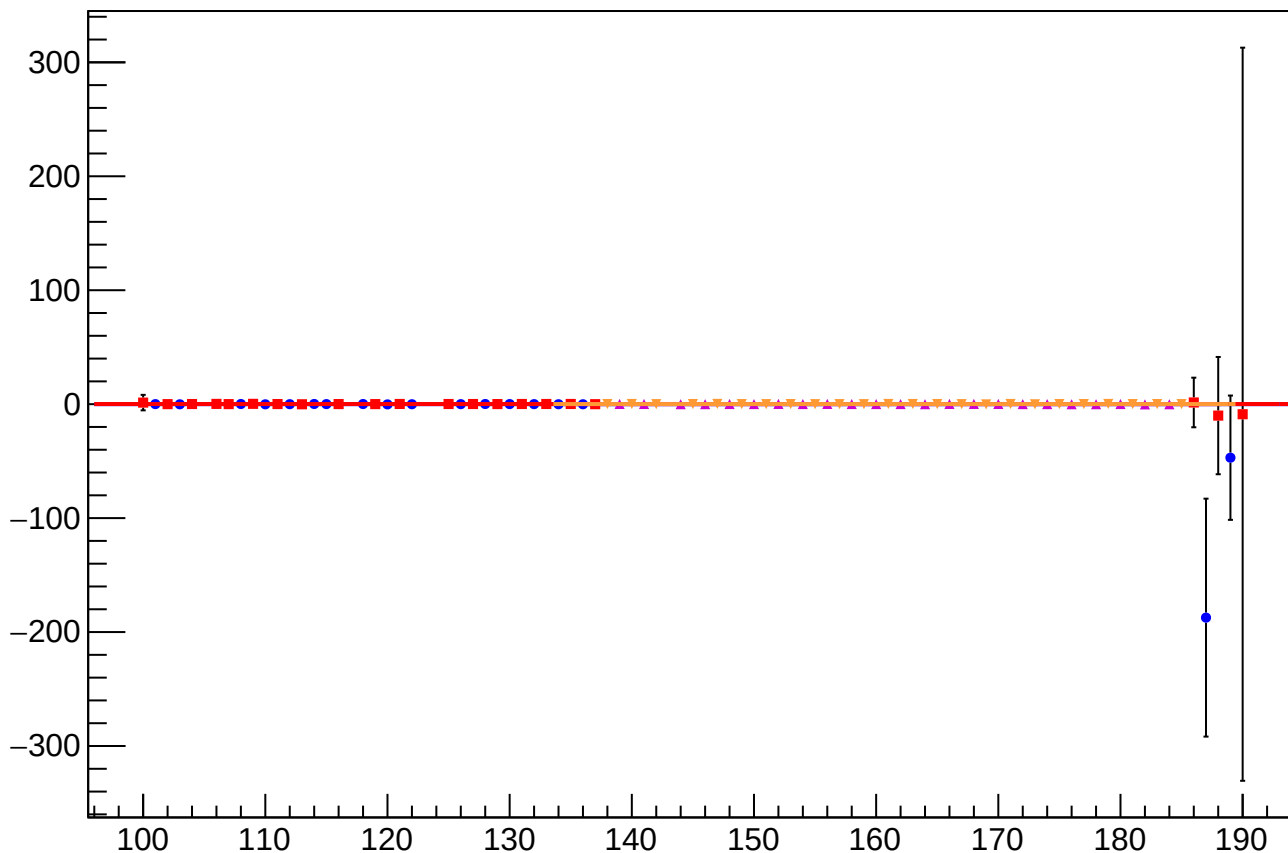
Left In: -0.010 $\pm$ 0.018 χ^2 /NDF: 37.1/22

+ sign 0.033 $\pm$ 0.017 χ^2 /NDF: 54.8/41

All: 0.014 $\pm$ 0.012 χ^2 /NDF: 122.9/85

- sign -0.005 $\pm$ 0.017 χ^2 /NDF: 65.5/43

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 16.1/17

Left Out: 0.086 $\pm$ 0.016 χ^2 /NDF: 27.8/23

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/20

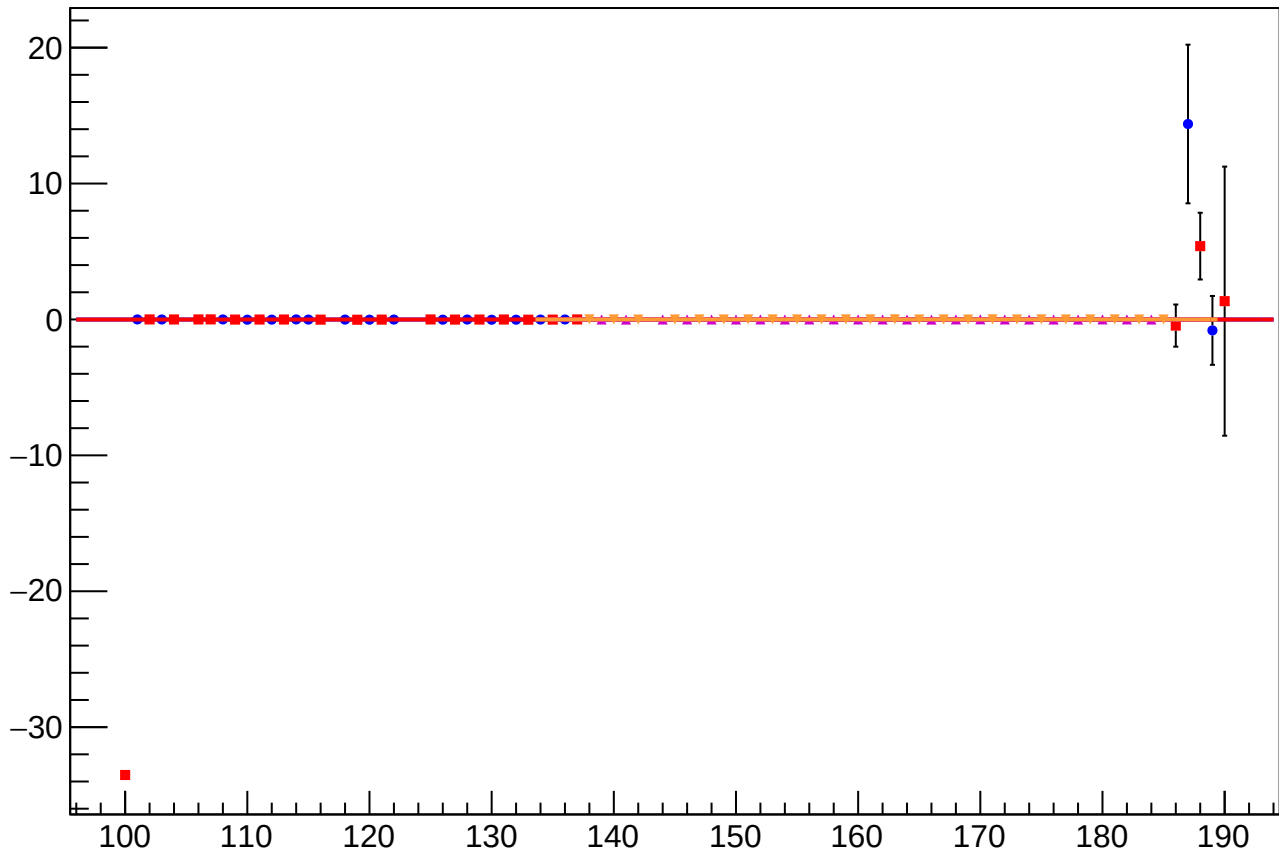
Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

+ sign 0.065 $\pm$ 0.014 χ^2 /NDF: 50.2/41

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 104.2/85

- sign 0.081 $\pm$ 0.014 χ^2 /NDF: 53.3/43

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: -0.006 ± 0.001 χ^2/NDF : 26513.9/20

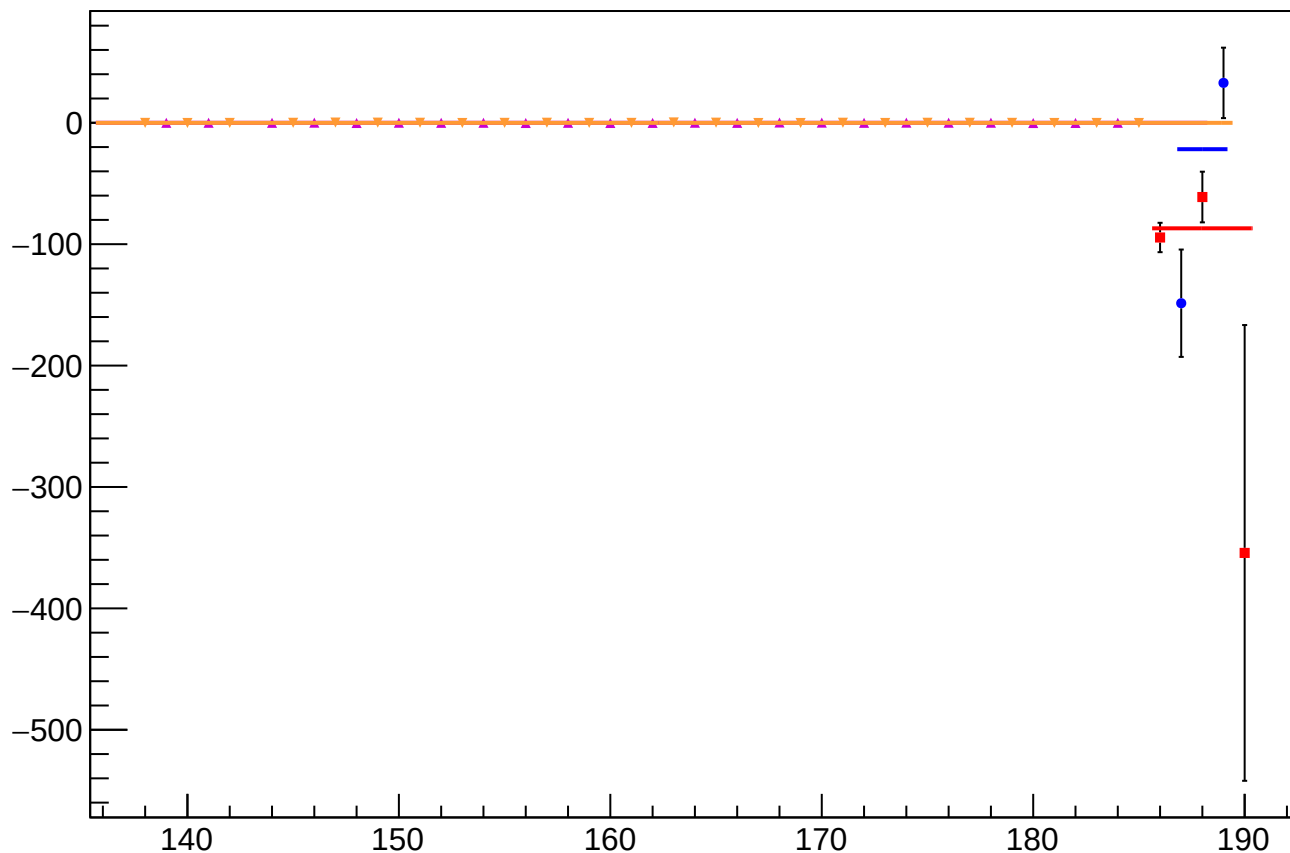
Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

+ sign -0.001 ± 0.001 χ^2/NDF : 65.7/41

All: -0.001 ± 0.000 χ^2/NDF : 26615.9/85

- sign -0.001 ± 0.001 χ^2/NDF : 26550.1/43

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -21.759 ± 24.256 $\chi^2/\text{NDF}: 11.8/1$

Left Out: -0.052 ± 0.018 $\chi^2/\text{NDF}: 37.3/23$

Right Out: -86.935 ± 10.450 $\chi^2/\text{NDF}: 3.9/2$

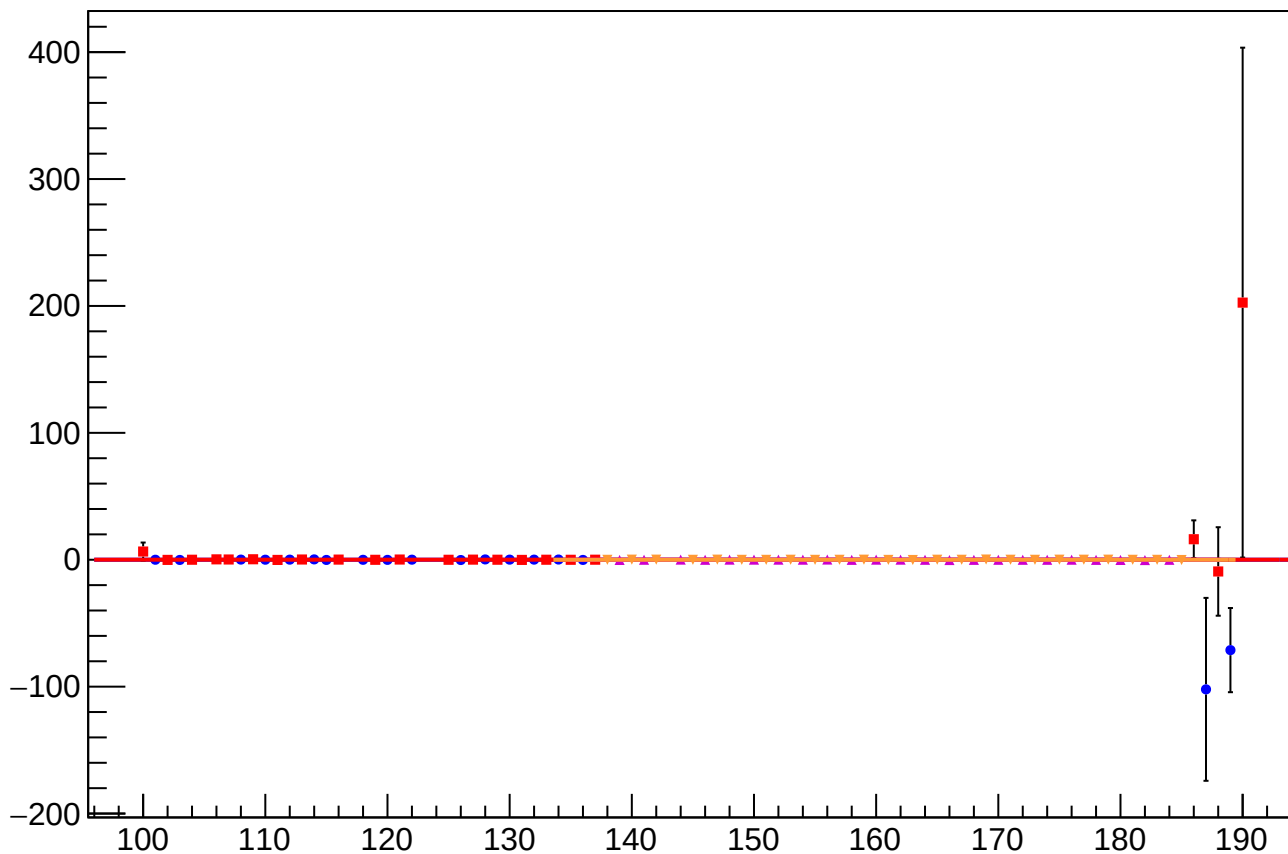
Left In: -0.010 ± 0.018 $\chi^2/\text{NDF}: 33.3/22$

+ sign -0.052 ± 0.018 $\chi^2/\text{NDF}: 49.9/25$

All: -0.031 ± 0.013 $\chi^2/\text{NDF}: 159.0/51$

- sign -0.010 ± 0.018 $\chi^2/\text{NDF}: 106.4/25$

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: 0.040 $\pm$ 0.025 χ^2 /NDF: 30.2/20

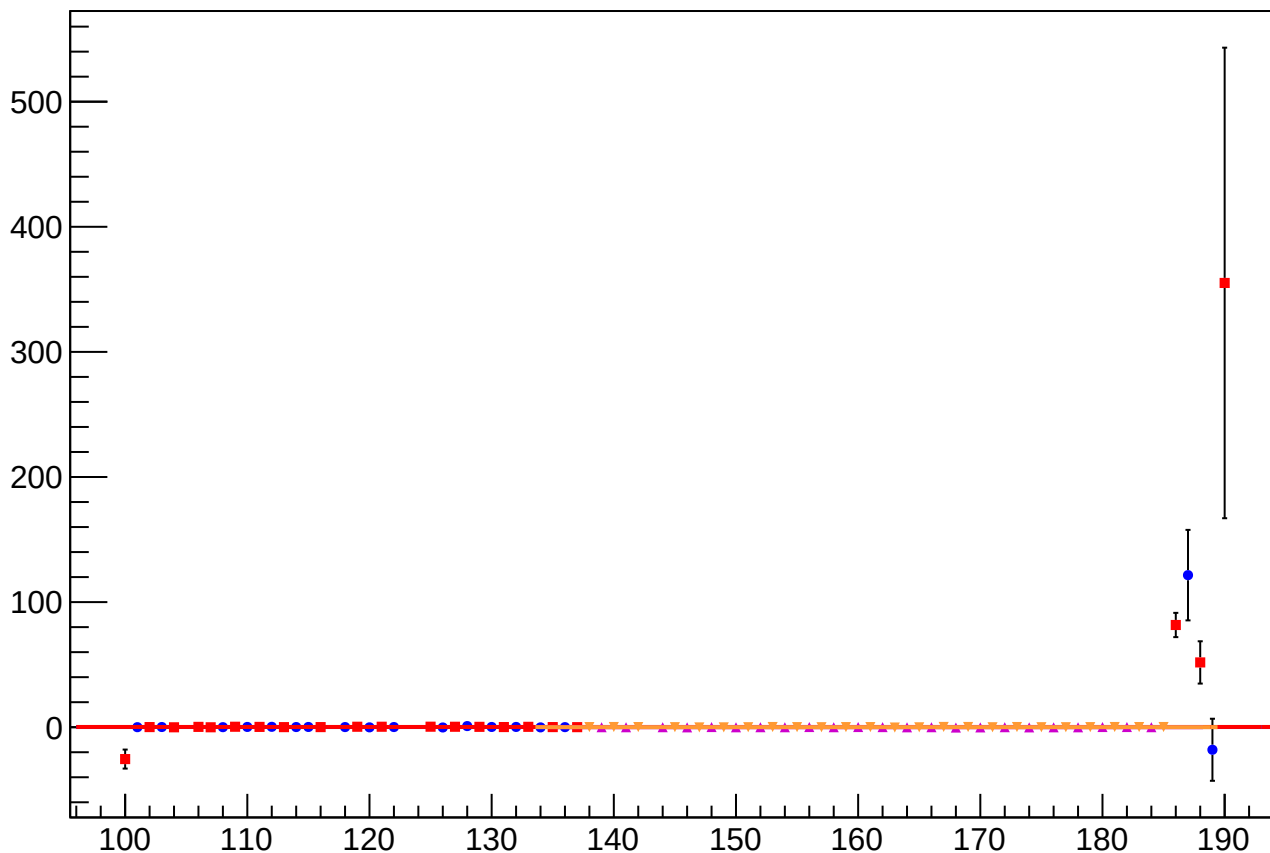
Left In: 0.004 $\pm$ 0.014 χ^2 /NDF: 50.3/22

+ sign -0.005 $\pm$ 0.012 χ^2 /NDF: 62.1/41

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 145.2/85

- sign 0.013 $\pm$ 0.012 χ^2 /NDF: 82.1/43

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 40.5/17

Left Out: 0.048 $\pm$ 0.018 χ^2 /NDF:35.4/23

Right Out: 0.203 $\pm$ 0.045 χ^2 /NDF: 106.4/20

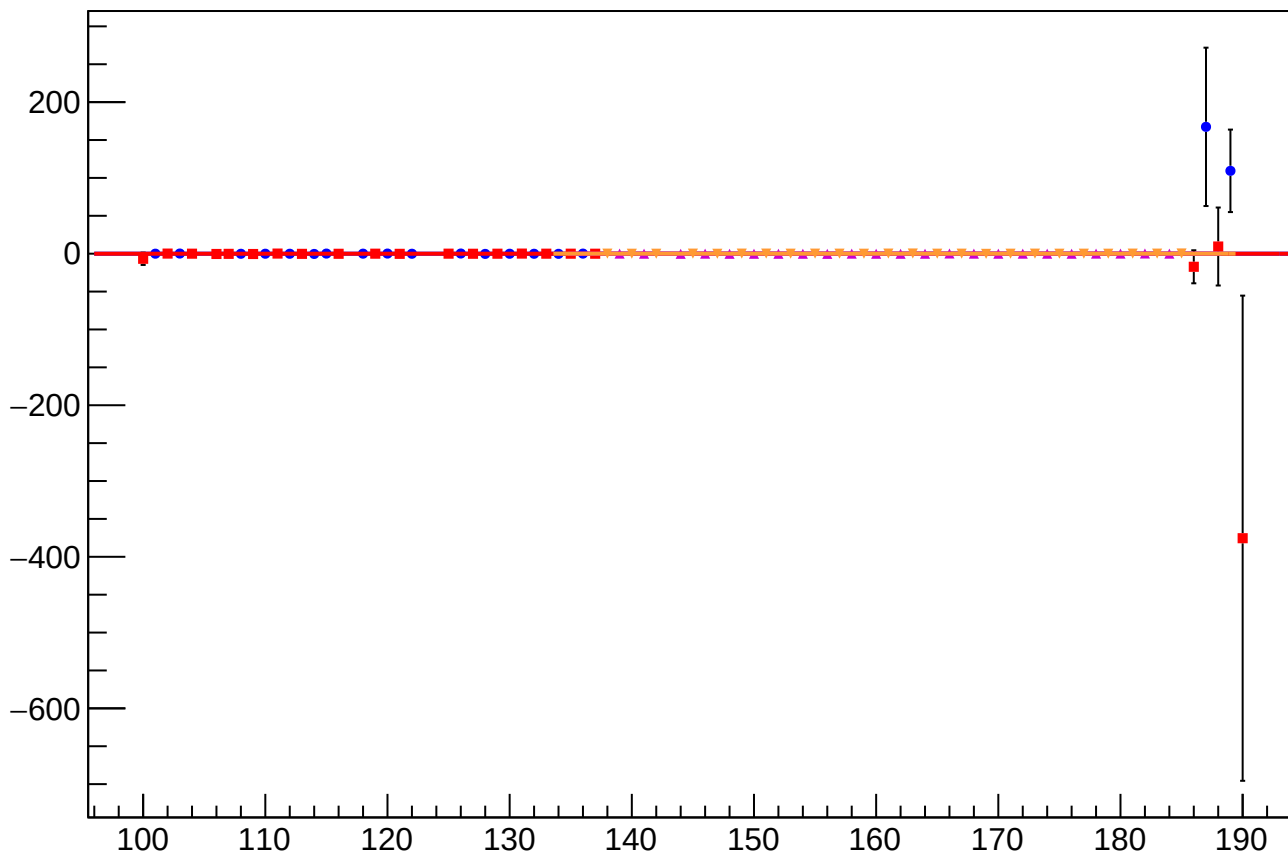
Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

+ sign 0.063 $\pm$ 0.017 χ^2 /NDF: 81.0/41

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 235.9/85

- sign 0.046 $\pm$ 0.017 χ^2 /NDF: 154.4/43

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: -0.050 ± 0.029 χ^2/NDF : 27.8/20

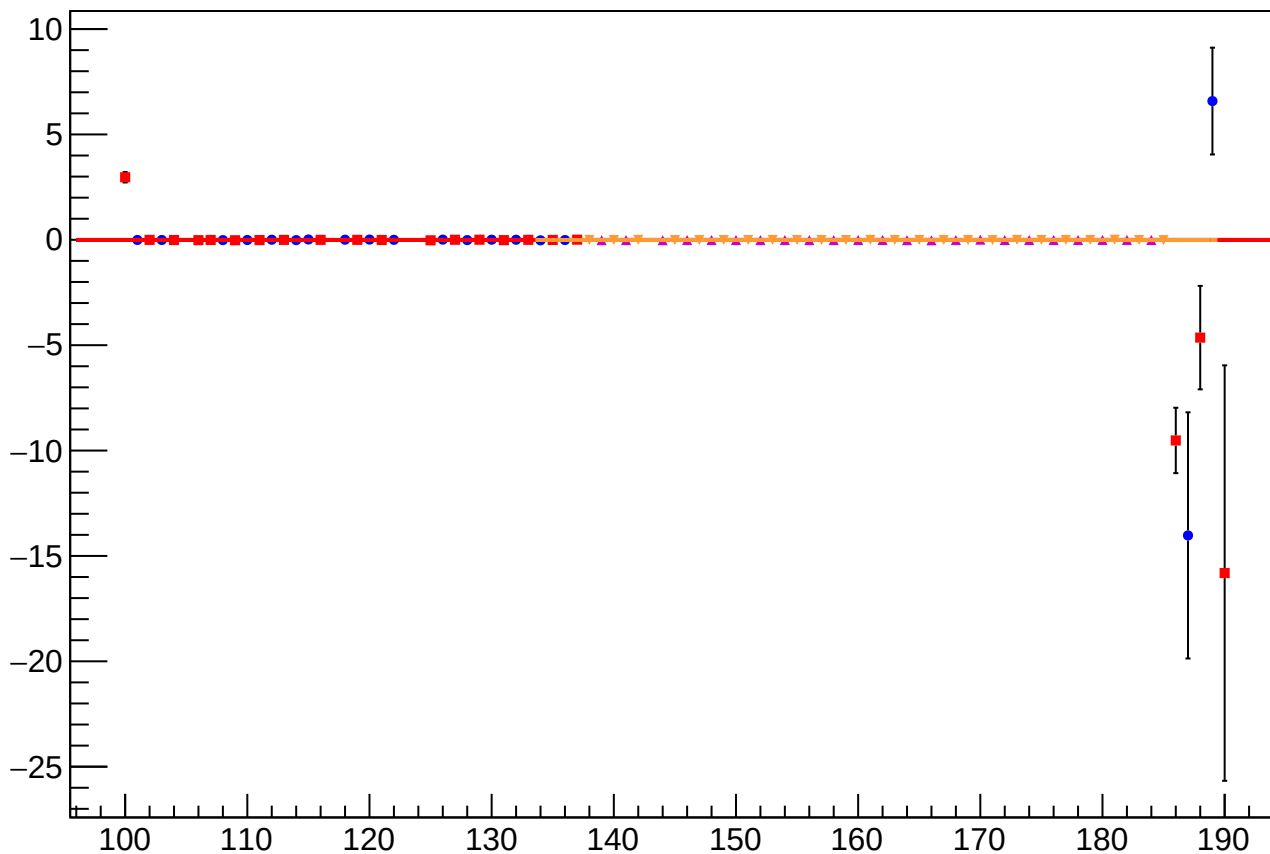
Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

+ sign 0.012 ± 0.014 χ^2/NDF : 66.1/41

All: 0.003 ± 0.010 χ^2/NDF : 148.5/85

- sign -0.007 ± 0.014 χ^2/NDF : 81.5/43

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 : 209.6/20

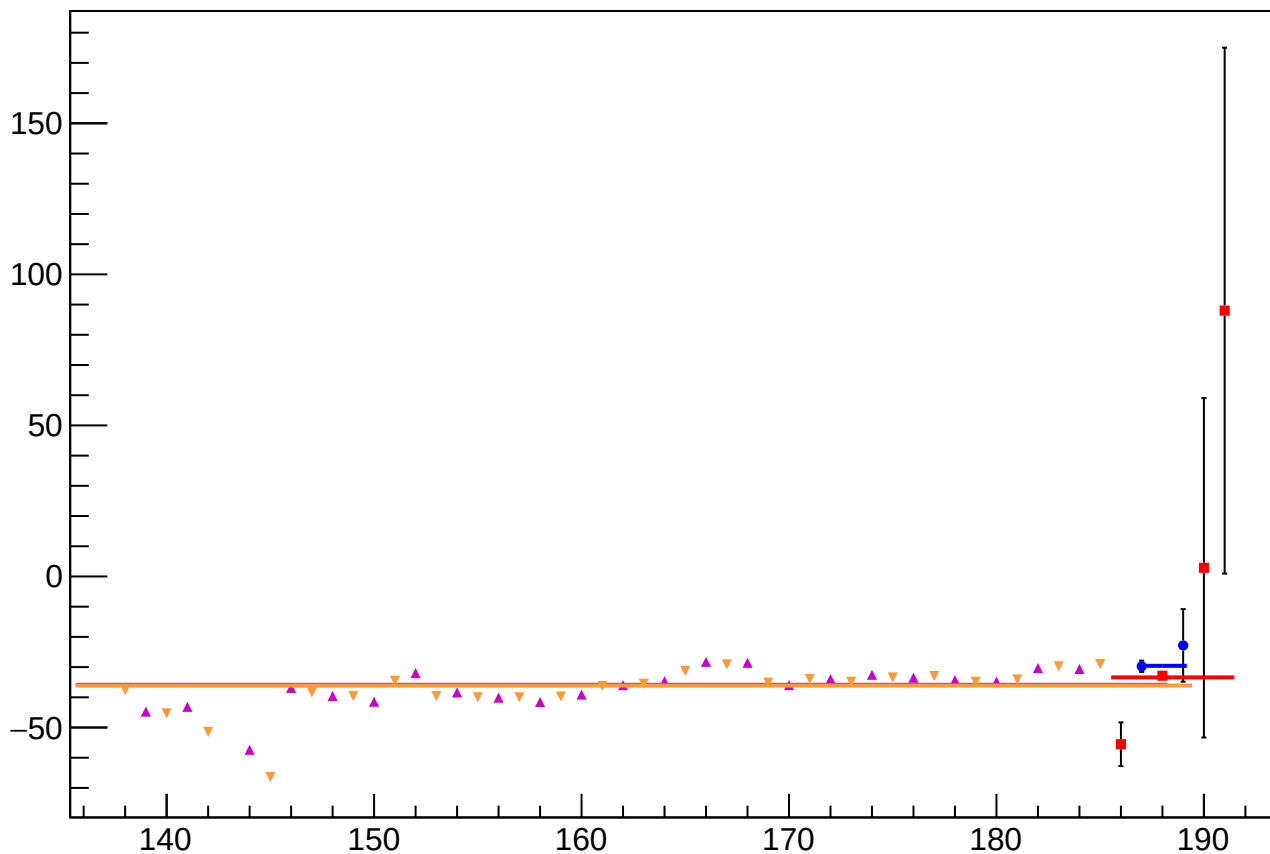
Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

+ sign -0.008 ± 0.001 χ^2/NDF : 75.2/41

All: -0.008 ± 0.000 χ^2/NDF : 327.1/85

- sign -0.008 ± 0.001 χ^2/NDF : 251.6/43

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.583 ± 1.853 $\chi^2/\text{NDF}: 0.3/1$

Left Out: -36.110 ± 0.192 $\chi^2/\text{NDF}: 1118.4/23$

Right Out: -33.413 ± 1.164 $\chi^2/\text{NDF}: 12.0/3$

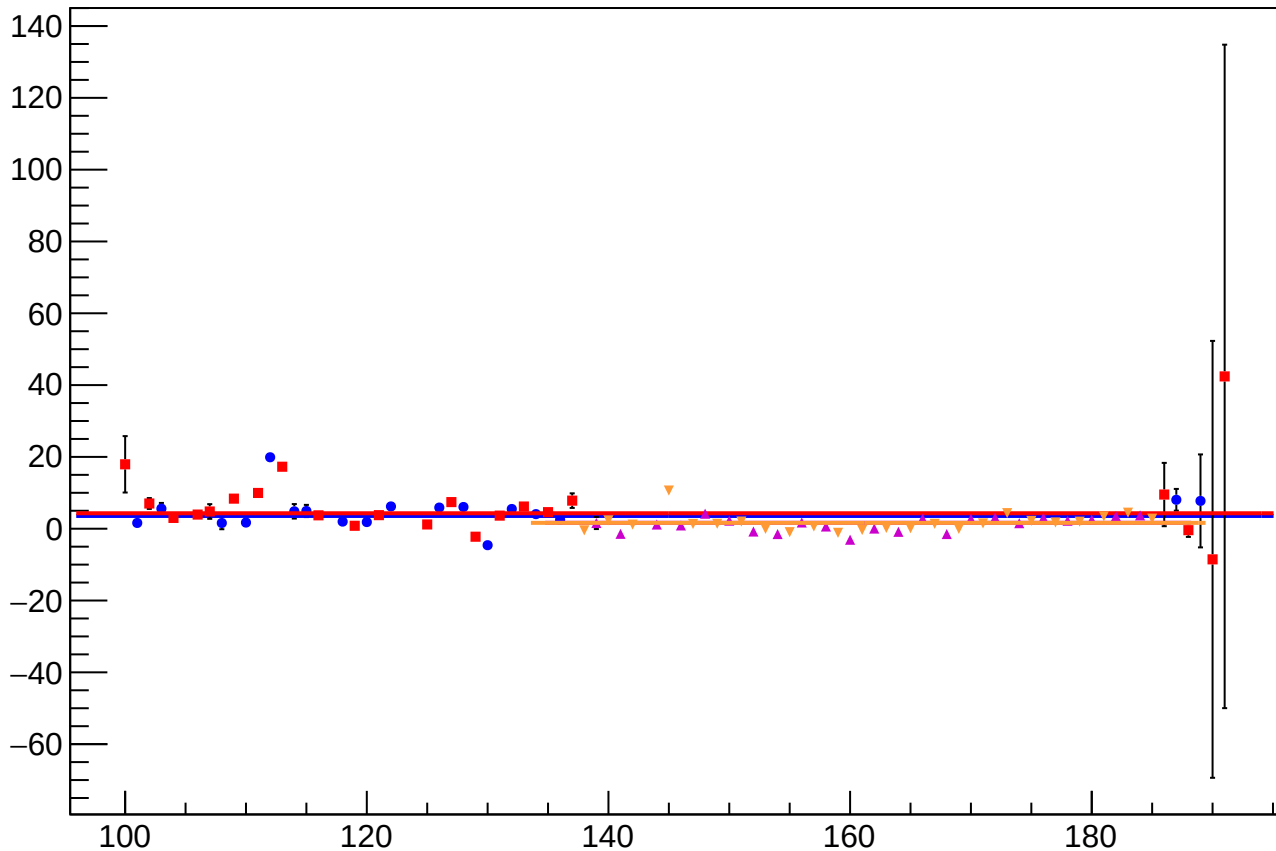
Left In: -35.869 ± 0.191 $\chi^2/\text{NDF}: 887.1/22$

+ sign -36.041 ± 0.191 $\chi^2/\text{NDF}: 1131.0/25$

All: -35.921 ± 0.134 $\chi^2/\text{NDF}: 2035.2/52$

- sign -35.805 ± 0.188 $\chi^2/\text{NDF}: 903.4/26$

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.554 ± 0.217 χ^2/NDF : 448.9/17

Left Out: 1.632 ± 0.148 χ^2/NDF : 166.7/23

Right Out: 4.305 ± 0.224 χ^2/NDF : 360.8/21

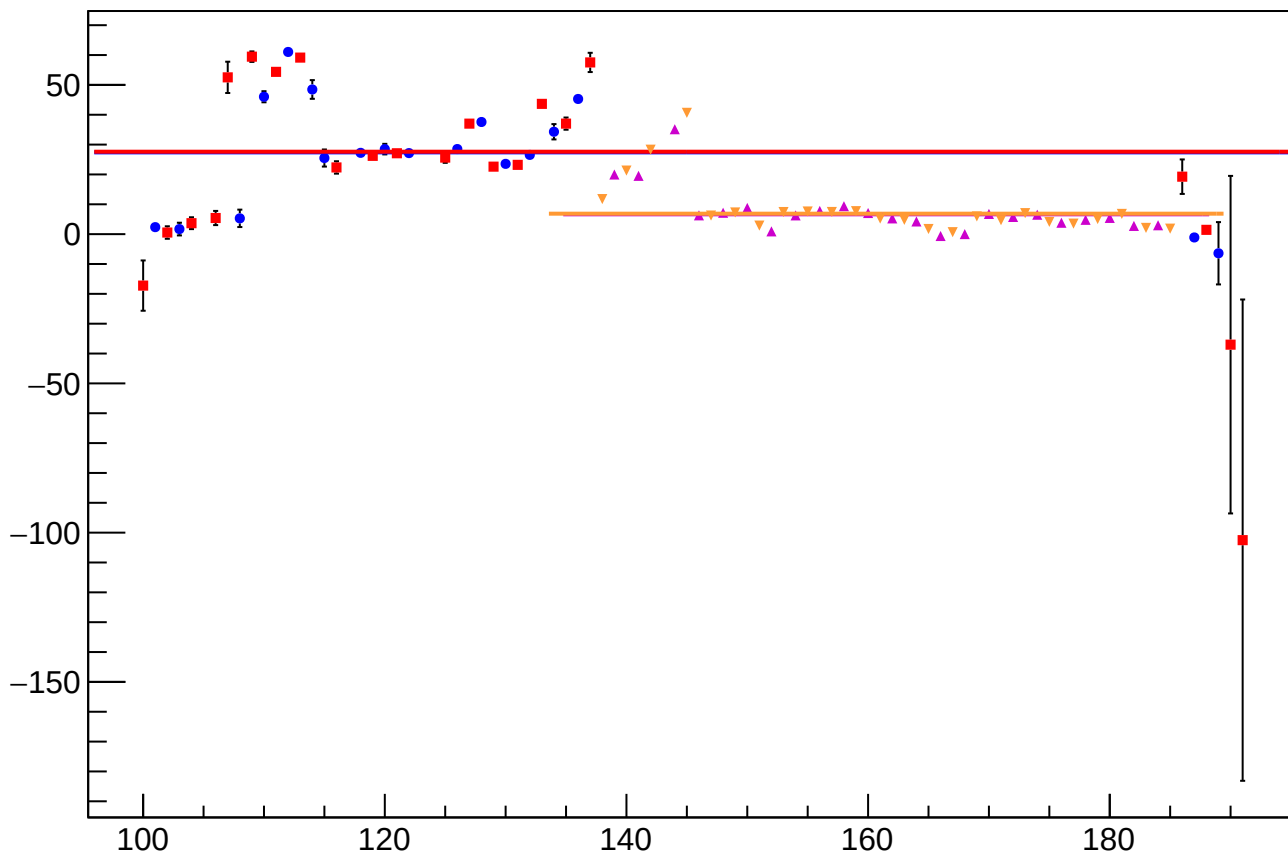
Left In: 1.646 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.242 ± 0.122 χ^2/NDF : 669.3/41

All: 2.351 ± 0.087 χ^2/NDF : 1293.6/86

- sign 2.464 ± 0.124 χ^2/NDF : 622.7/44

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.395+/-0.402 χ^2 /NDF: 1874.0/17

Left Out: 6.855+/-0.191 χ^2 /NDF: 1298.7/23

Right Out: 27.618+/-0.386 χ^2 /NDF: 2569.8/21

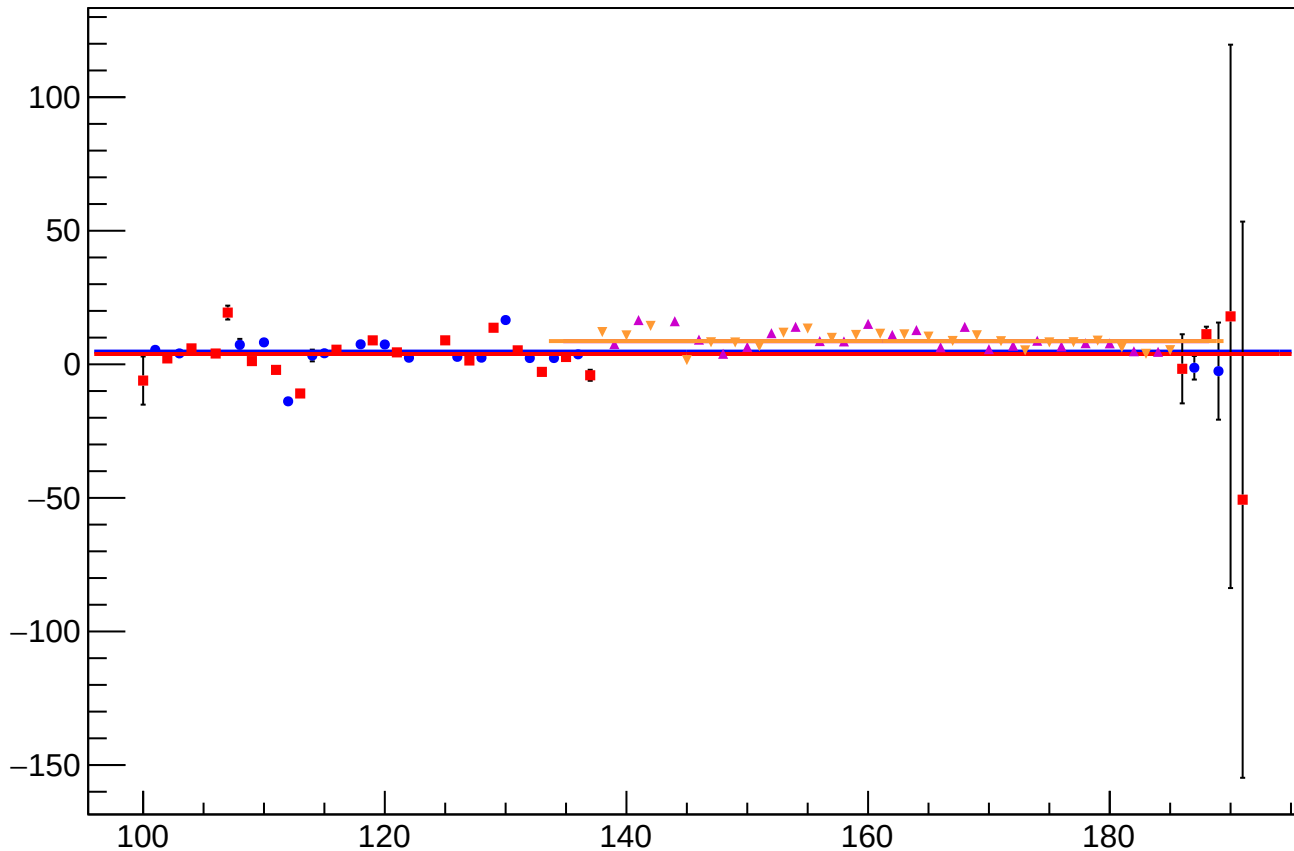
Left In: 6.639+/-0.190 χ^2 /NDF: 1077.2/22

+ sign 10.650+/-0.173 χ^2 /NDF: 5301.1/41

All: 10.689+/-0.121 χ^2 /NDF: 11330.3/86

- sign 10.728+/-0.170 χ^2 /NDF: 6029.1/44

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.768 ± 0.251 χ^2/NDF : 556.0/17

Left Out: 8.697 ± 0.169 χ^2/NDF : 241.1/23

Right Out: 3.870 ± 0.258 χ^2/NDF : 575.1/21

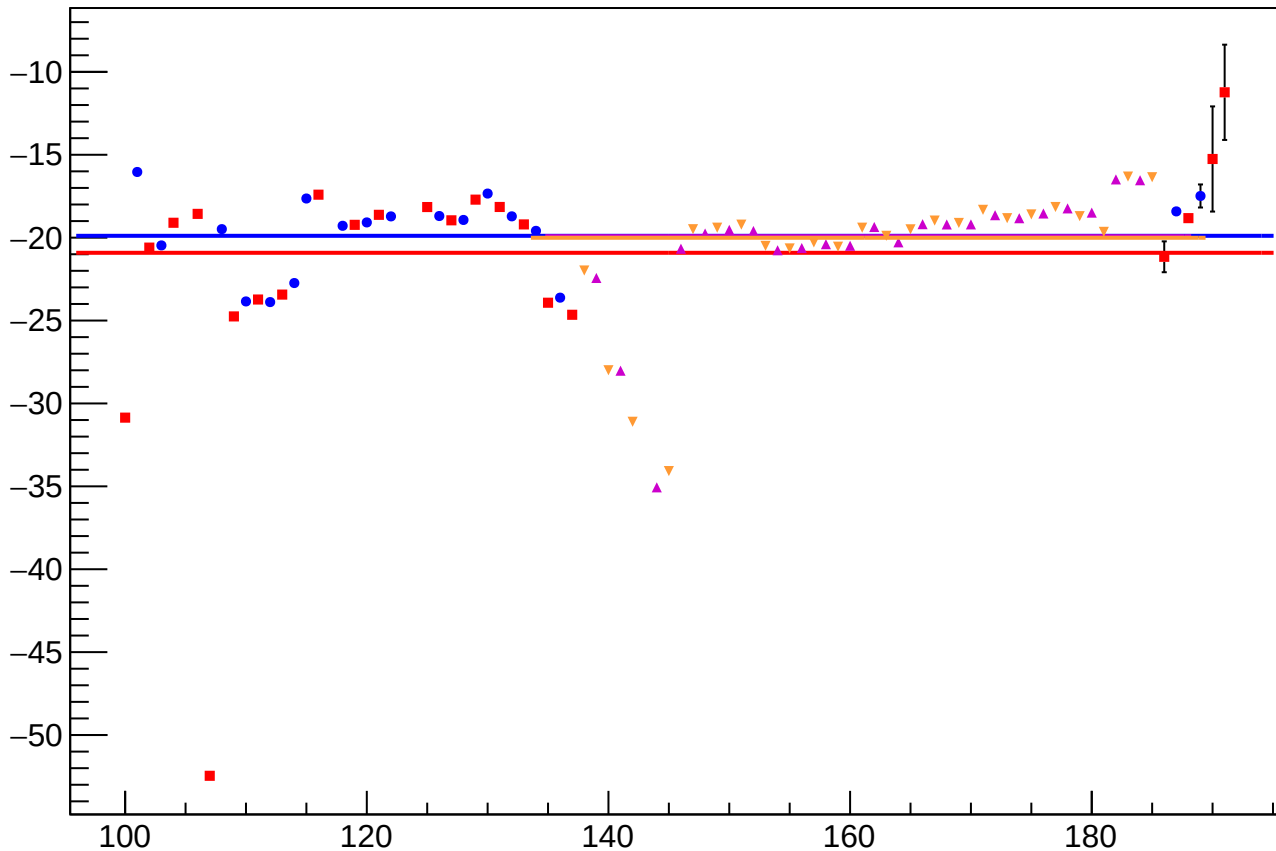
Left In: 8.659 ± 0.170 χ^2/NDF : 438.0/22

+ sign 7.470 ± 0.140 χ^2/NDF : 965.9/41

All: 7.342 ± 0.100 χ^2/NDF : 2221.7/86

- sign 7.210 ± 0.142 χ^2/NDF : 1254.0/44

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.888 ± 0.016 $\chi^2/\text{NDF}: 26120.9/17$

Left Out: -20.007 ± 0.008 $\chi^2/\text{NDF}: 171647.2/23$

Right Out: -20.913 ± 0.016 $\chi^2/\text{NDF}: 94294.1/21$

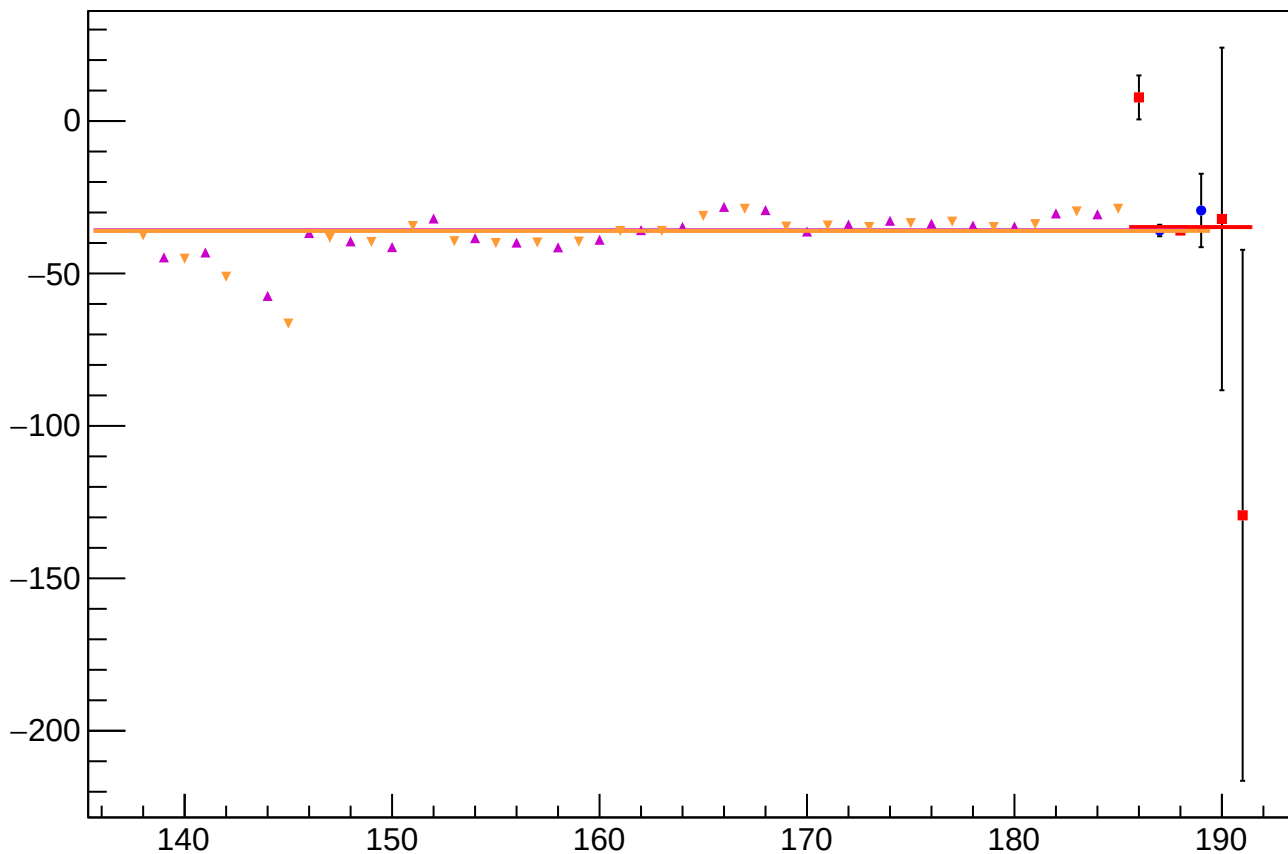
Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

+ sign -19.983 ± 0.007 $\chi^2/\text{NDF}: 197814.5/41$

All: -20.048 ± 0.005 $\chi^2/\text{NDF}: 441054.9/86$

- sign -20.113 ± 0.007 $\chi^2/\text{NDF}: 243068.1/44$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.749 $\pm$ 1.859 χ^2/NDF : 0.3/1

Left Out: -36.019 $\pm$ 0.192 χ^2/NDF :1125.4/23

Right Out: -34.778 $\pm$ 1.167 χ^2/NDF : 36.9/3

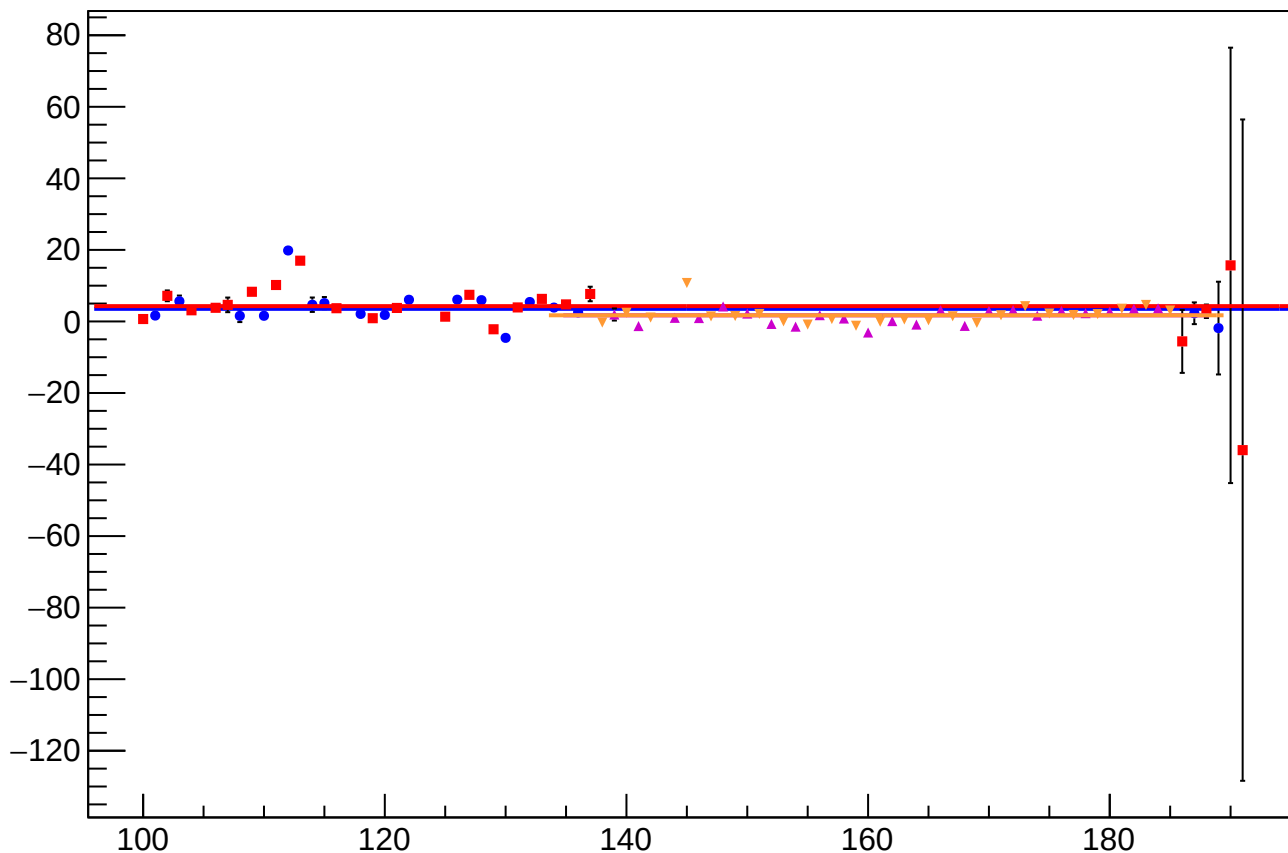
Left In: -35.856 $\pm$ 0.191 χ^2/NDF :875.9/22

+ sign -36.016 $\pm$ 0.191 χ^2/NDF : 1125.7/25

All: -35.921 $\pm$ 0.134 χ^2/NDF : 2039.8/52

- sign -35.828 $\pm$ 0.188 χ^2/NDF : 913.6/26

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.525 ± 0.217 χ^2/NDF : 443.6/17

Left Out: 1.721 ± 0.148 χ^2/NDF : 168.3/23

Right Out: 4.277 ± 0.220 χ^2/NDF : 354.9/21

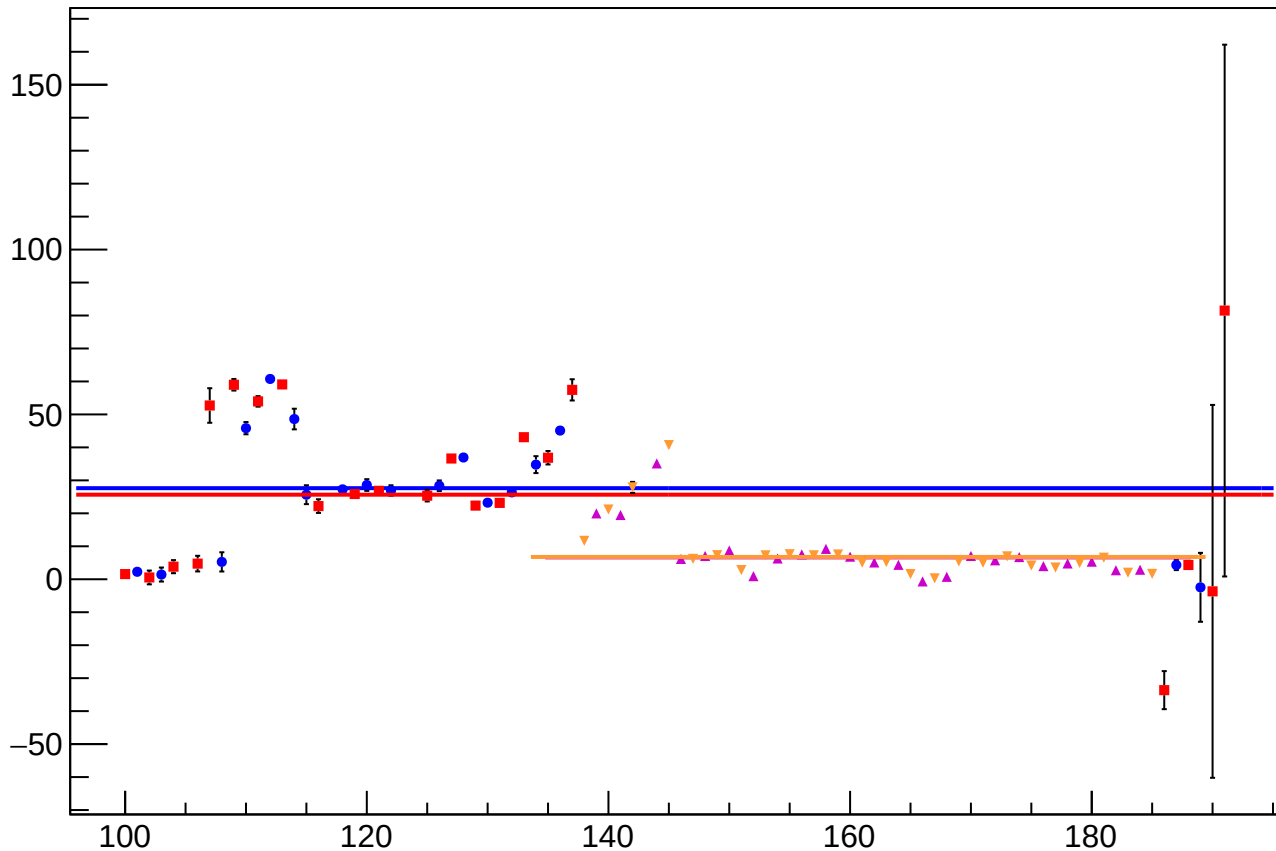
Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

+ sign 2.293 ± 0.122 χ^2/NDF : 659.2/41

All: 2.405 ± 0.087 χ^2/NDF : 1273.0/86

- sign 2.519 ± 0.123 χ^2/NDF : 612.1/44

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.628 ± 0.402 χ^2/NDF : 1741.5/17

Left Out: 6.767 ± 0.191 χ^2/NDF : 1301.2/23

Right Out: 25.654 ± 0.370 χ^2/NDF : 2835.1/21

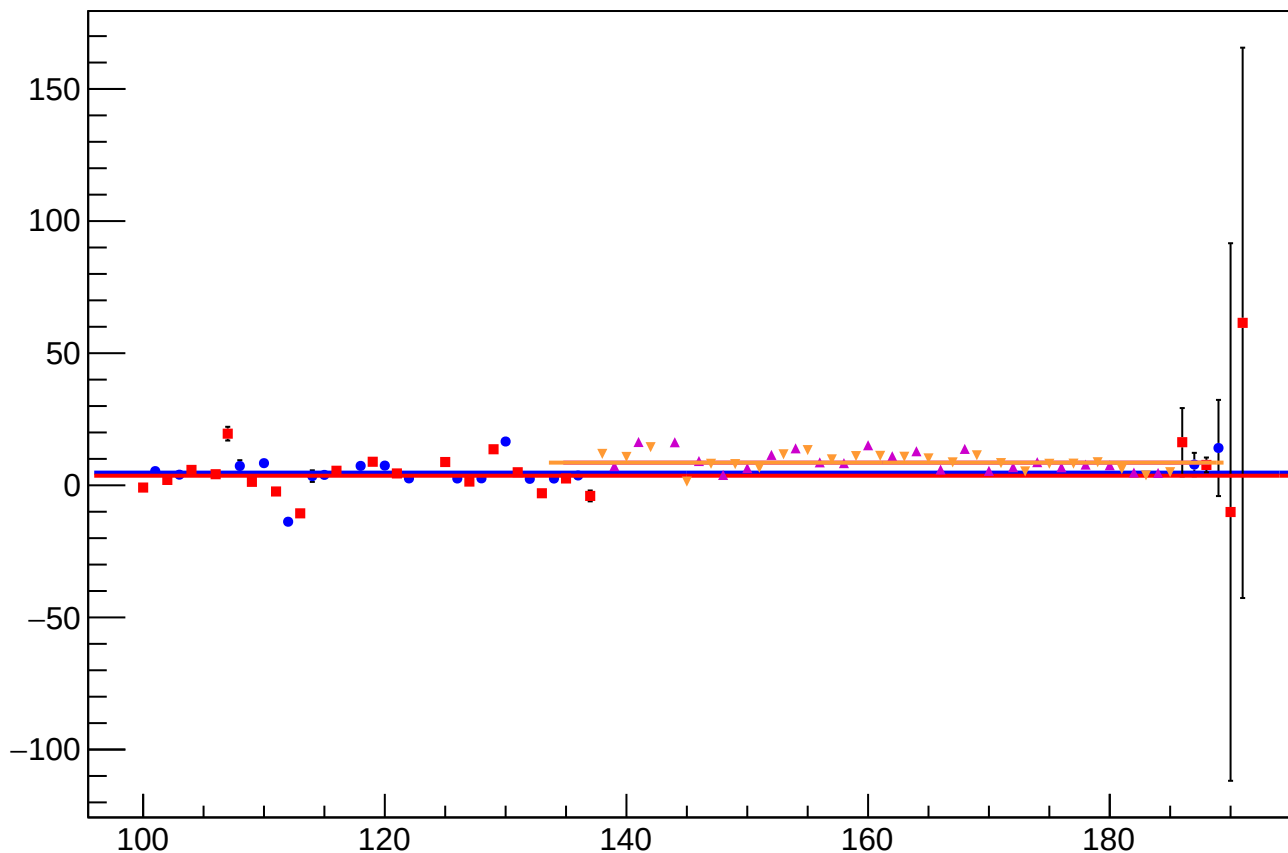
Left In: 6.635 ± 0.190 χ^2/NDF : 1070.4/22

+ sign 10.620 ± 0.173 χ^2/NDF : 5240.0/41

All: 10.604 ± 0.121 χ^2/NDF : 11236.5/86

- sign 10.589 ± 0.169 χ^2/NDF : 5996.5/44

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: 3.630 ± 0.253 $\chi^2/\text{NDF}: 576.8/21$

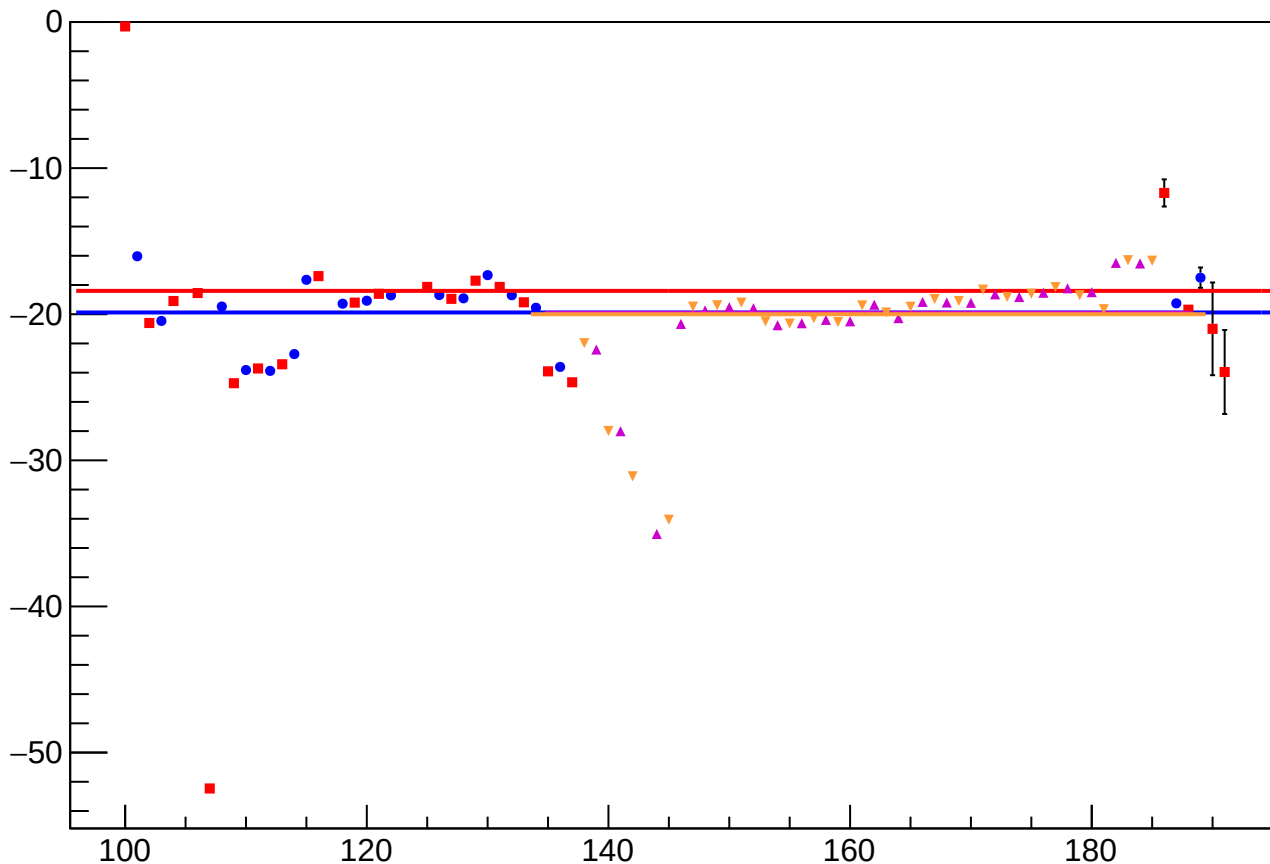
Left In: 8.573 ± 0.170 $\chi^2/\text{NDF}: 443.4/22$

+ sign 7.408 ± 0.140 $\chi^2/\text{NDF}: 953.0/41$

All: 7.227 ± 0.099 $\chi^2/\text{NDF}: 2239.3/86$

- sign 7.043 ± 0.141 $\chi^2/\text{NDF}: 1283.0/44$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26081.6/17$

Left Out: -19.999 ± 0.008 $\chi^2/\text{NDF}: 171834.0/23$

Right Out: -18.402 ± 0.015 $\chi^2/\text{NDF}: 301384.4/21$

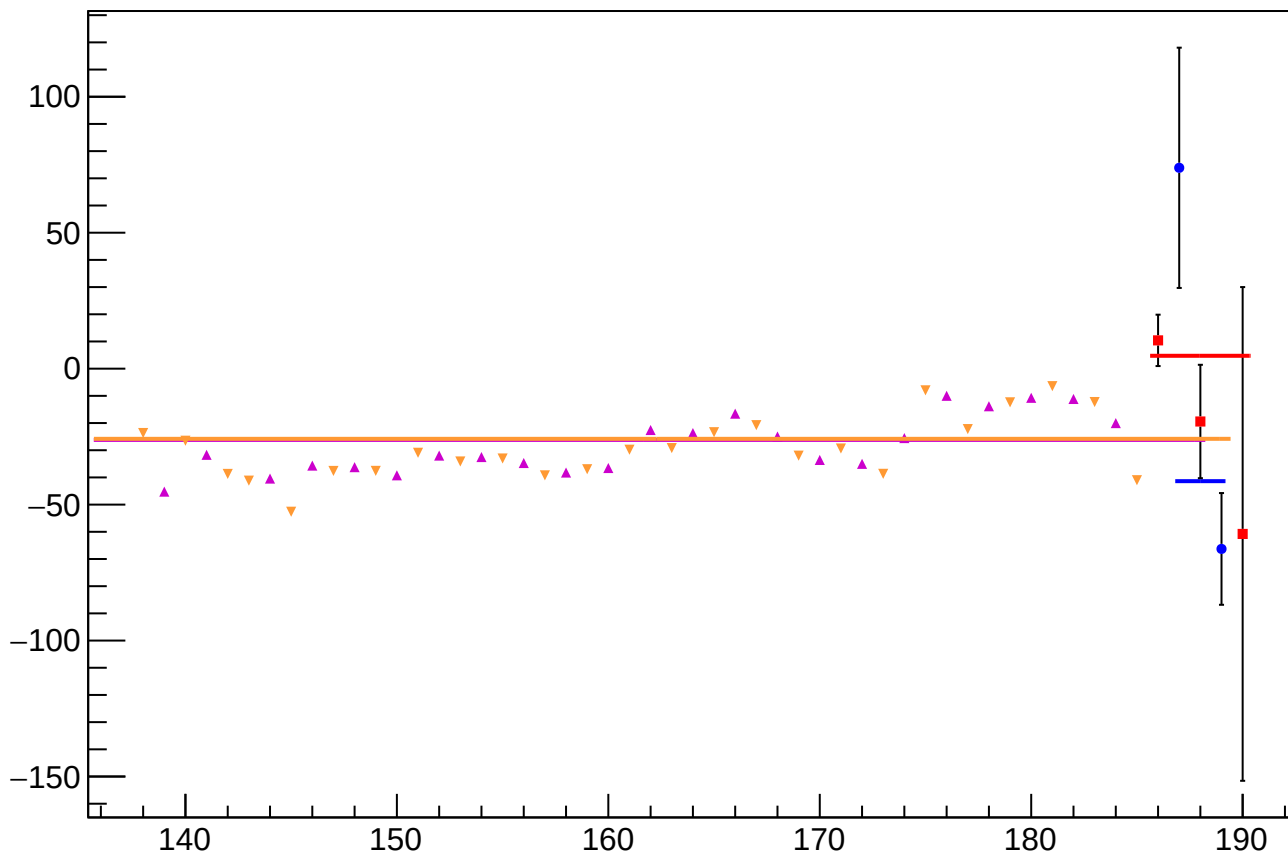
Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

+ sign -19.975 ± 0.007 $\chi^2/\text{NDF}: 197962.7/41$

All: -19.769 ± 0.005 $\chi^2/\text{NDF}: 654549.0/86$

- sign -19.572 ± 0.007 $\chi^2/\text{NDF}: 454918.3/44$

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: 4.735 ± 8.567 χ^2/NDF : 2.2/2

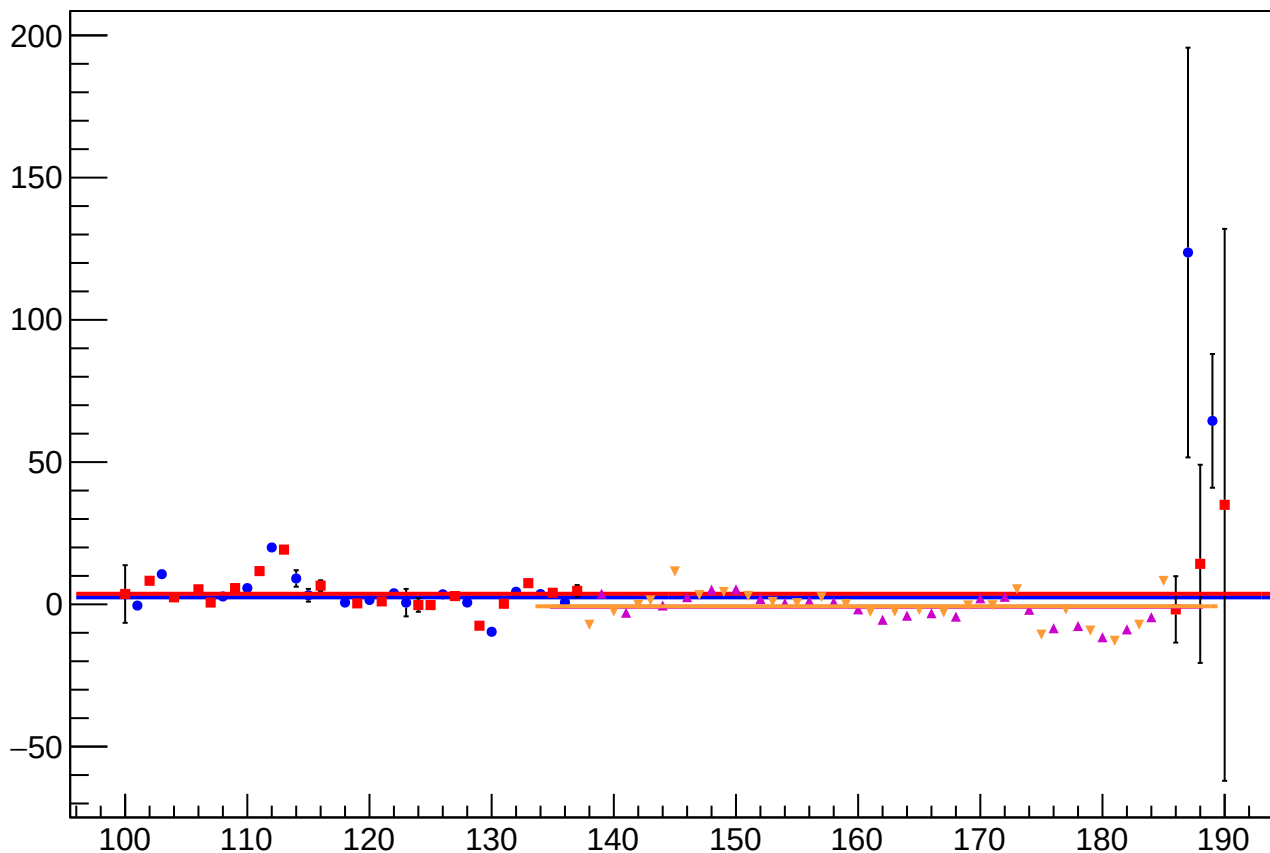
Left In: -26.204 ± 0.194 χ^2/NDF : 3377.8/22

+ sign -25.806 ± 0.192 χ^2/NDF : 4136.8/26

All: -25.995 ± 0.137 χ^2/NDF : 7531.7/52

- sign -26.188 ± 0.194 χ^2/NDF : 3393.0/25

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: 3.723 ± 0.327 χ^2/NDF : 269.5/21

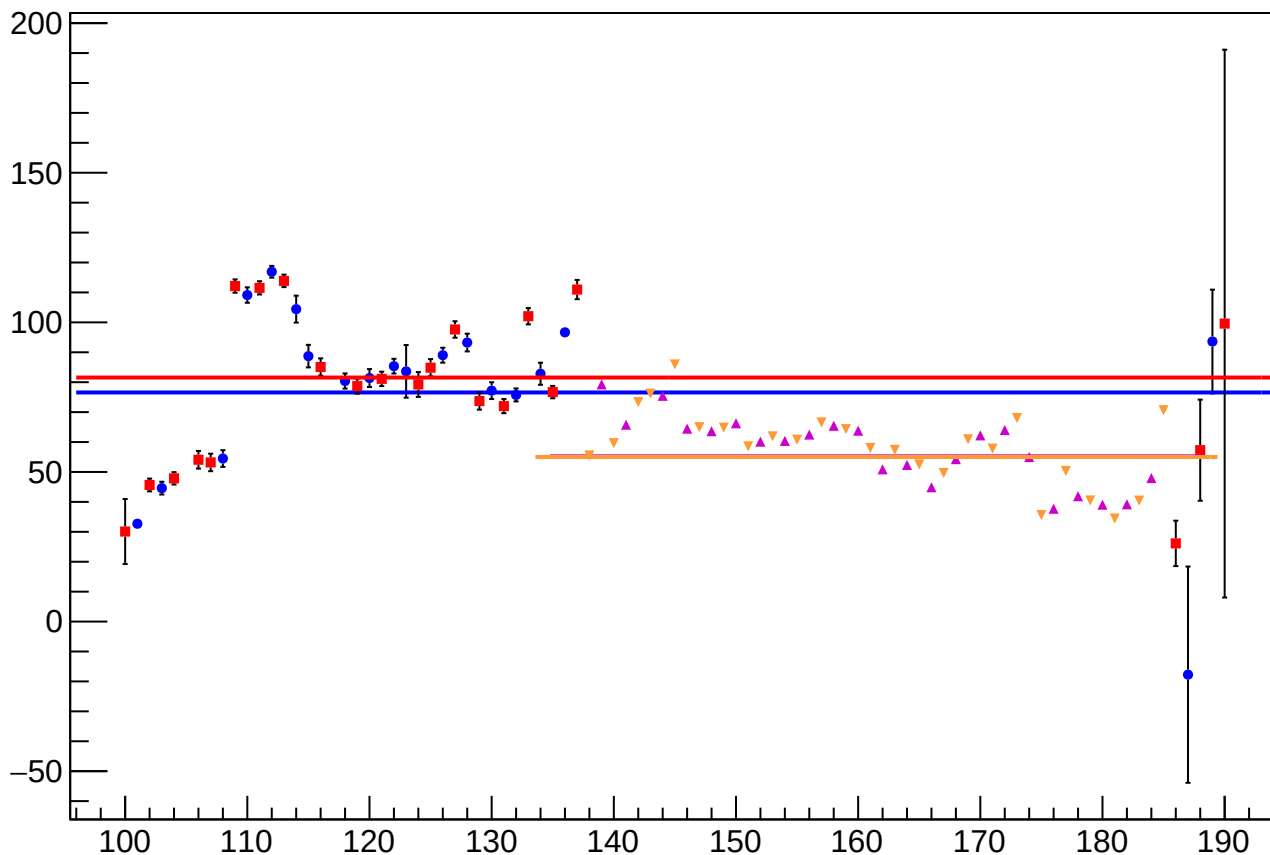
Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

+ sign -0.110 ± 0.133 χ^2/NDF : 1702.6/43

All: -0.079 ± 0.095 χ^2/NDF : 3205.1/88

- sign -0.047 ± 0.136 χ^2/NDF : 1502.4/44

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.567 $\pm$ 0.573 χ^2 /NDF: 2261.4/18

Left Out: 55.000 $\pm$ 0.192 χ^2 /NDF: 4524.8/24

Right Out: 81.556 $\pm$ 0.590 χ^2 /NDF: 1626.5/21

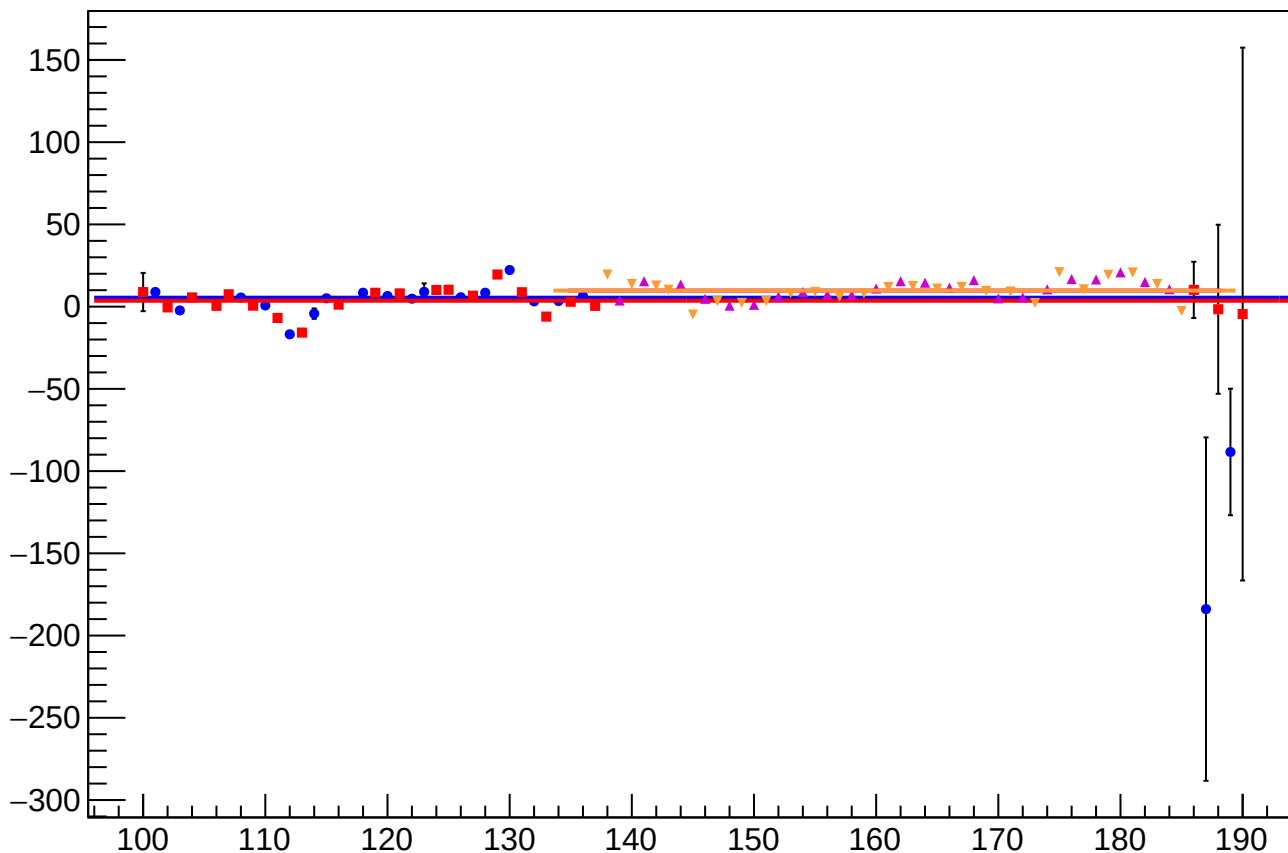
Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

+ sign 57.174 $\pm$ 0.182 χ^2 /NDF: 8060.5/43

All: 57.469 $\pm$ 0.129 χ^2 /NDF: 15318.2/88

- sign 57.767 $\pm$ 0.183 χ^2 /NDF: 7252.5/44

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: 3.588 ± 0.375 χ^2/NDF : 423.4/21

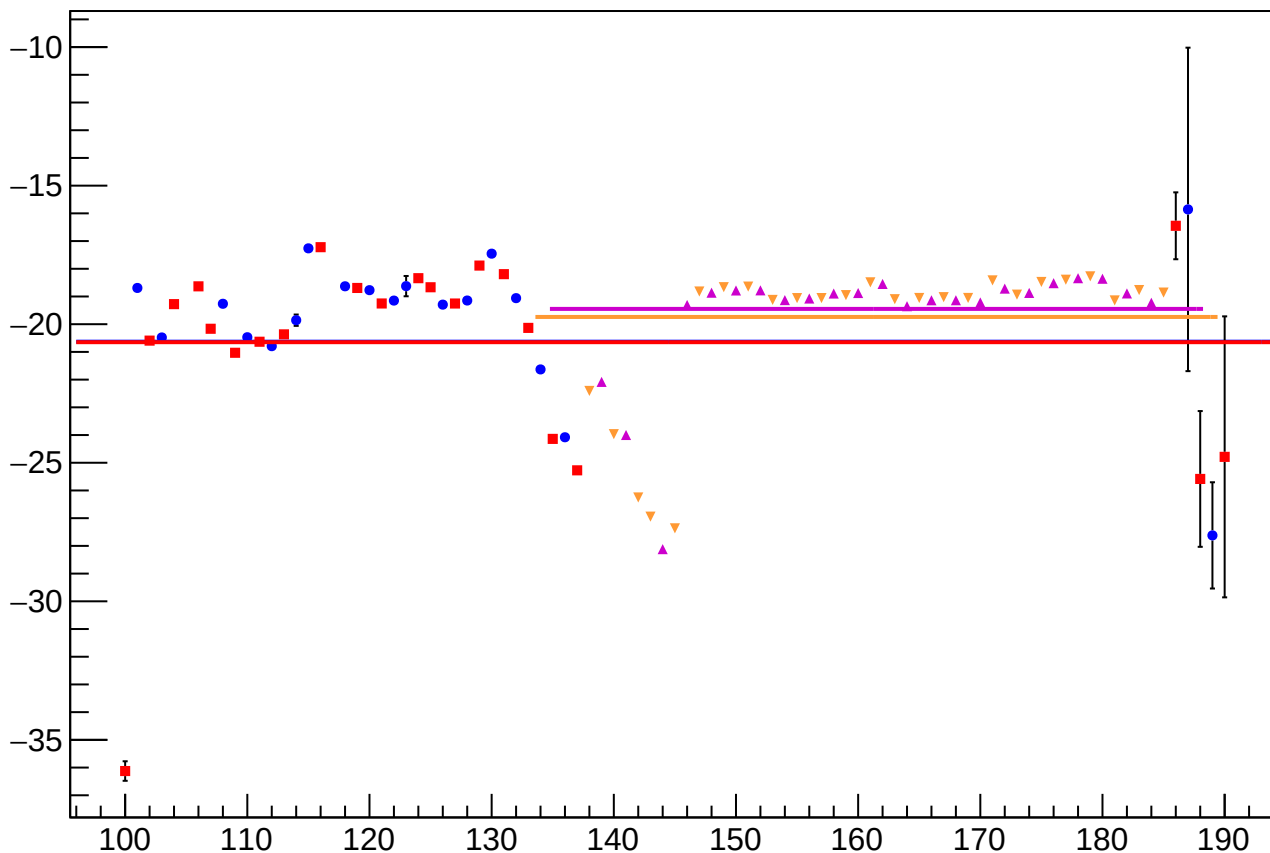
Left In: 9.775 ± 0.171 χ^2/NDF : 1165.6/22

+ sign 8.967 ± 0.152 χ^2/NDF : 1965.5/43

All: 8.841 ± 0.109 χ^2/NDF : 3780.9/88

- sign 8.708 ± 0.156 χ^2/NDF : 1814.0/44

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: -20.649 ± 0.019 $\chi^2/\text{NDF}: 13902.5/21$

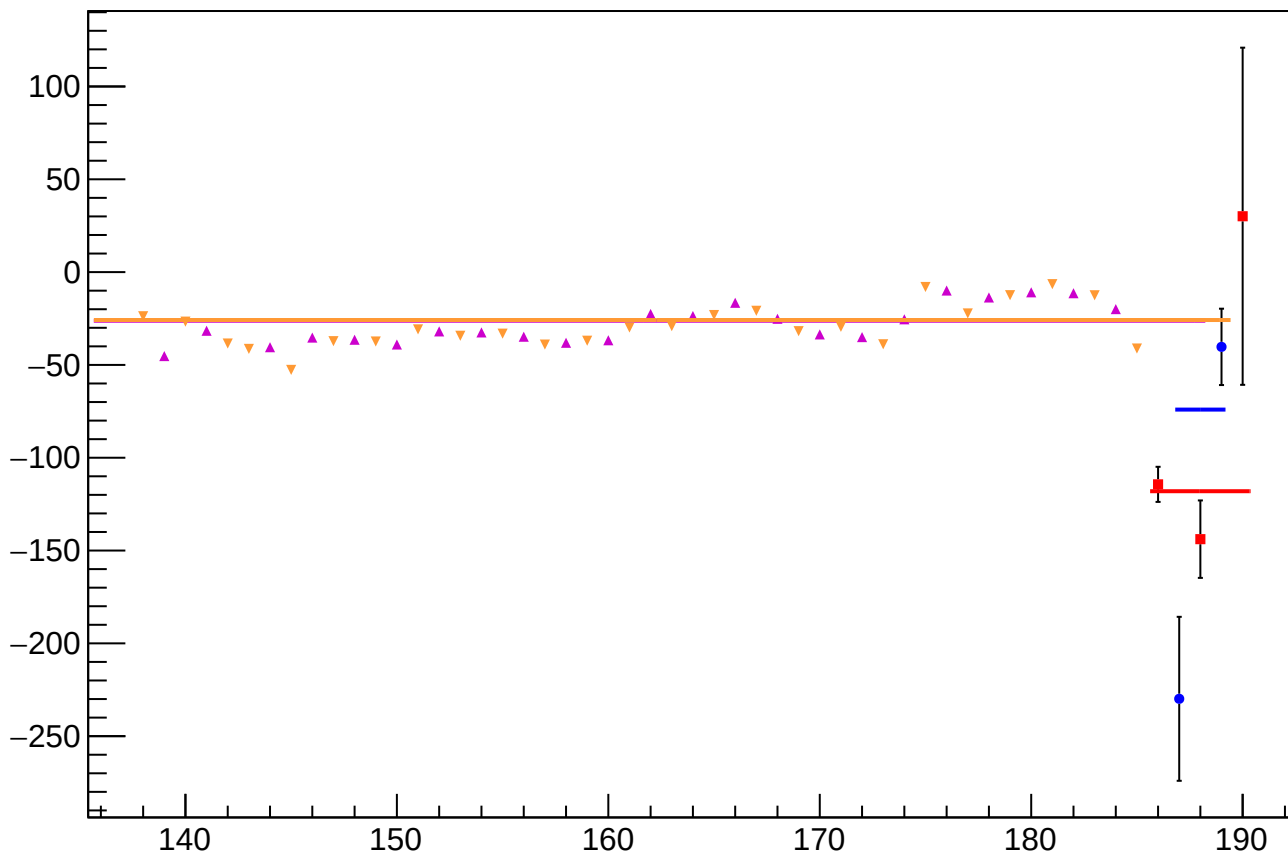
Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

+ sign -19.867 ± 0.007 $\chi^2/\text{NDF}: 102836.1/43$

All: -19.743 ± 0.005 $\chi^2/\text{NDF}: 174627.8/88$

- sign -19.619 ± 0.007 $\chi^2/\text{NDF}: 71219.3/44$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -74.065 ± 18.646 χ^2/NDF : 15.1/1

Left Out: -25.814 ± 0.192 χ^2/NDF : 4094.6/24

Right Out: -118.038 ± 8.573 χ^2/NDF : 4.3/2

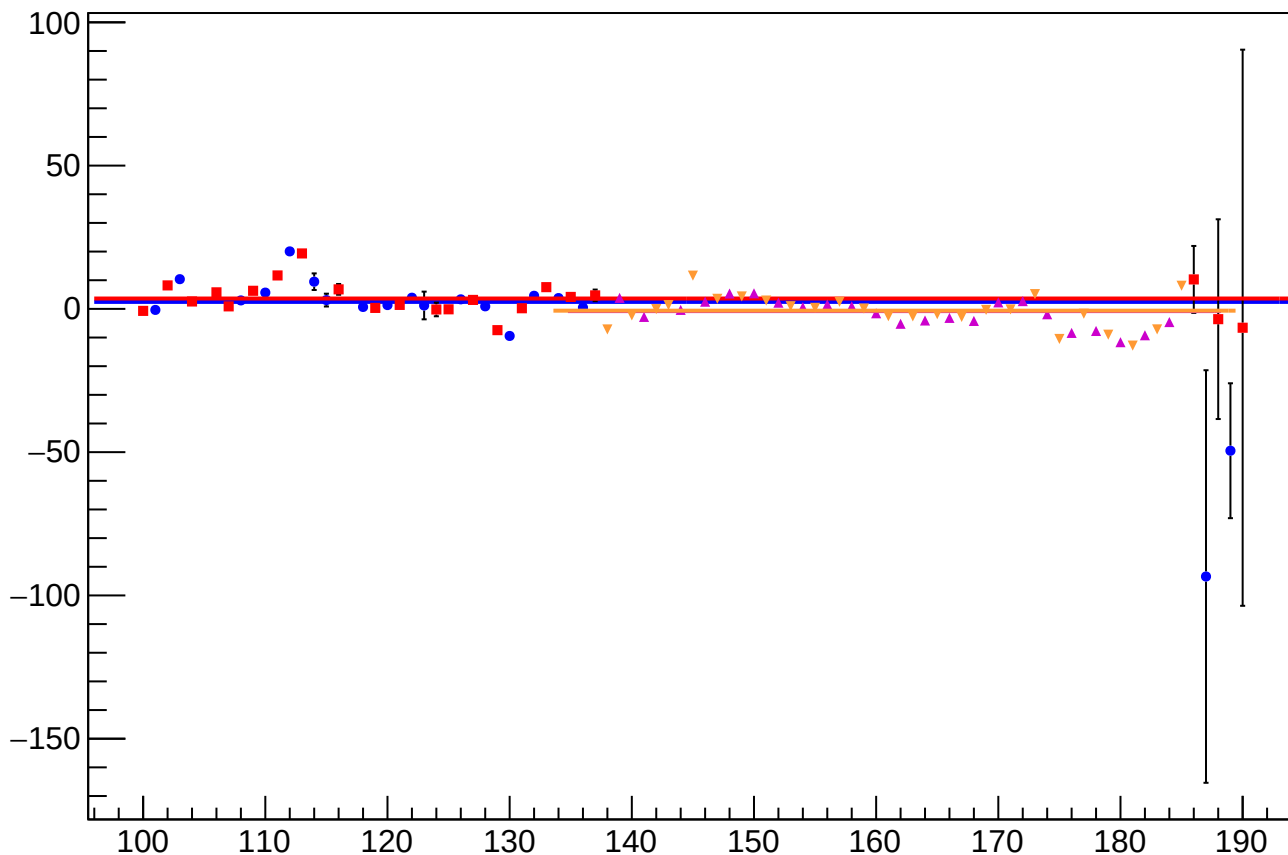
Left In: -26.200 ± 0.194 χ^2/NDF : 3344.6/22

+ sign -25.819 ± 0.192 χ^2/NDF : 4116.4/26

All: -26.031 ± 0.137 χ^2/NDF : 7582.6/52

- sign -26.247 ± 0.194 χ^2/NDF : 3463.7/25

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: 3.615 ± 0.318 χ^2/NDF : 279.8/21

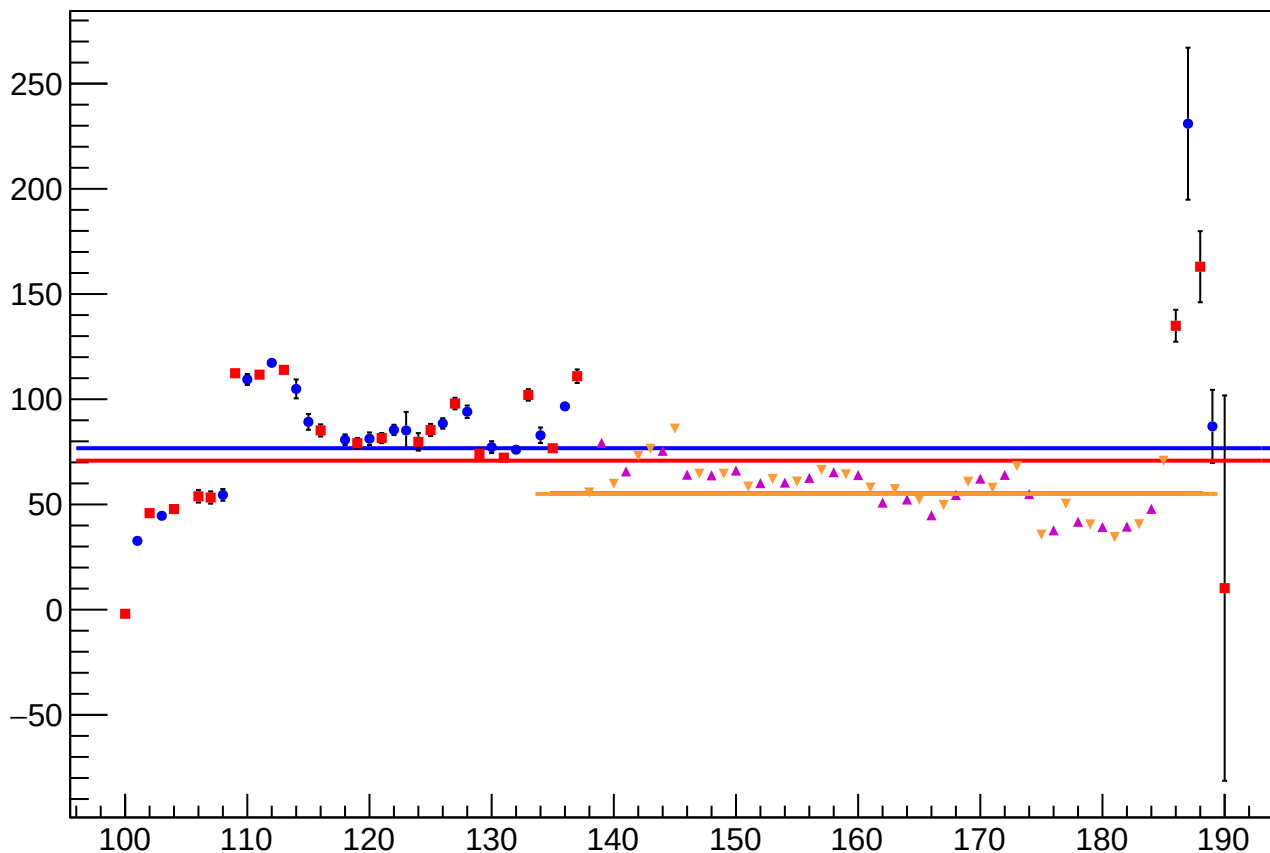
Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

+ sign -0.068 ± 0.133 χ^2/NDF : 1682.7/43

All: -0.022 ± 0.095 χ^2/NDF : 3229.8/88

- sign 0.027 ± 0.136 χ^2/NDF : 1546.8/44

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.737 $\pm$ 0.573 χ^2/NDF : 2283.7/18

Left Out: 55.008 $\pm$ 0.192 χ^2/NDF : 4502.1/24

Right Out: 70.817 $\pm$ 0.548 χ^2/NDF : 4493.3/21

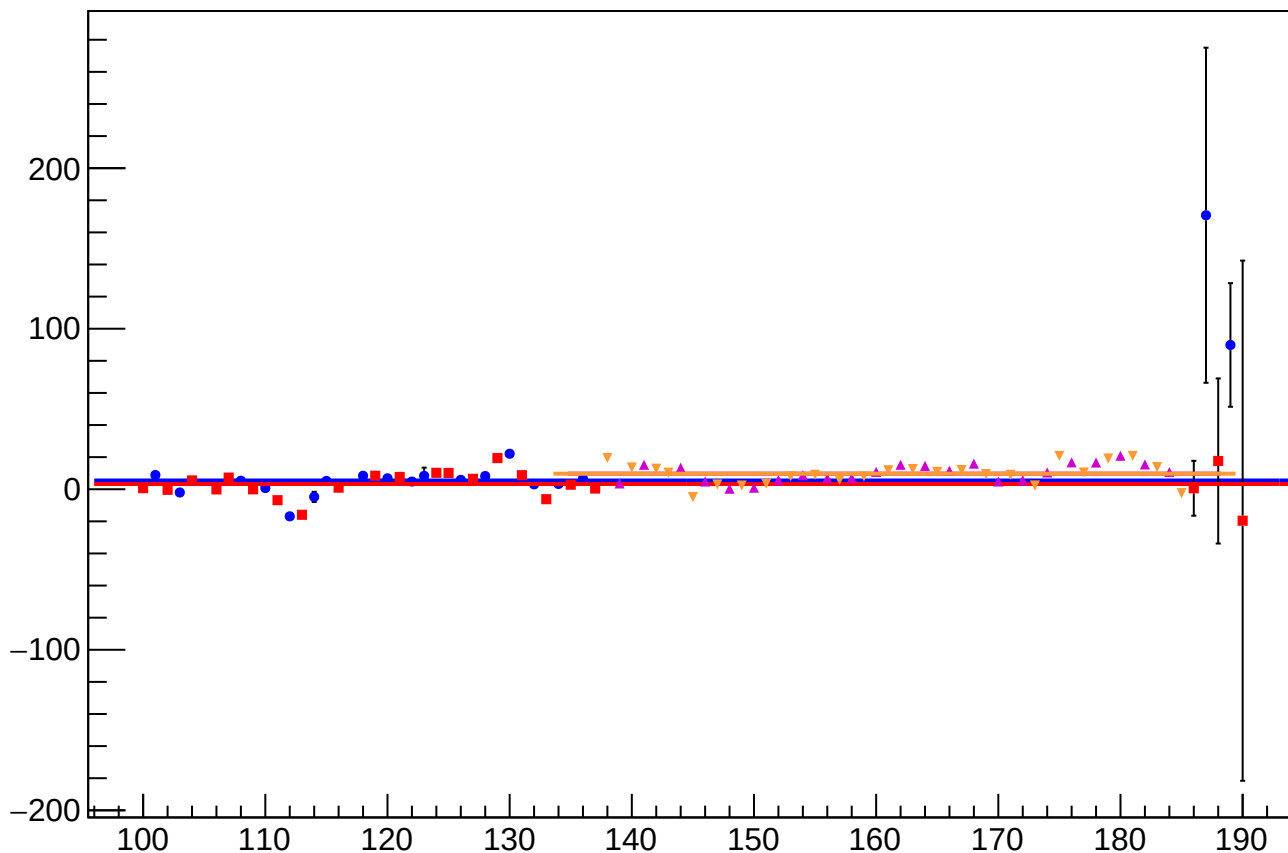
Left In: 55.252 $\pm$ 0.193 χ^2/NDF : 3786.2/22

+ sign 57.199 $\pm$ 0.182 χ^2/NDF : 8077.7/43

All: 57.084 $\pm$ 0.129 χ^2/NDF : 17075.8/88

- sign 56.968 $\pm$ 0.182 χ^2/NDF : 8997.3/44

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: 3.274 ± 0.365 χ^2/NDF : 425.9/21

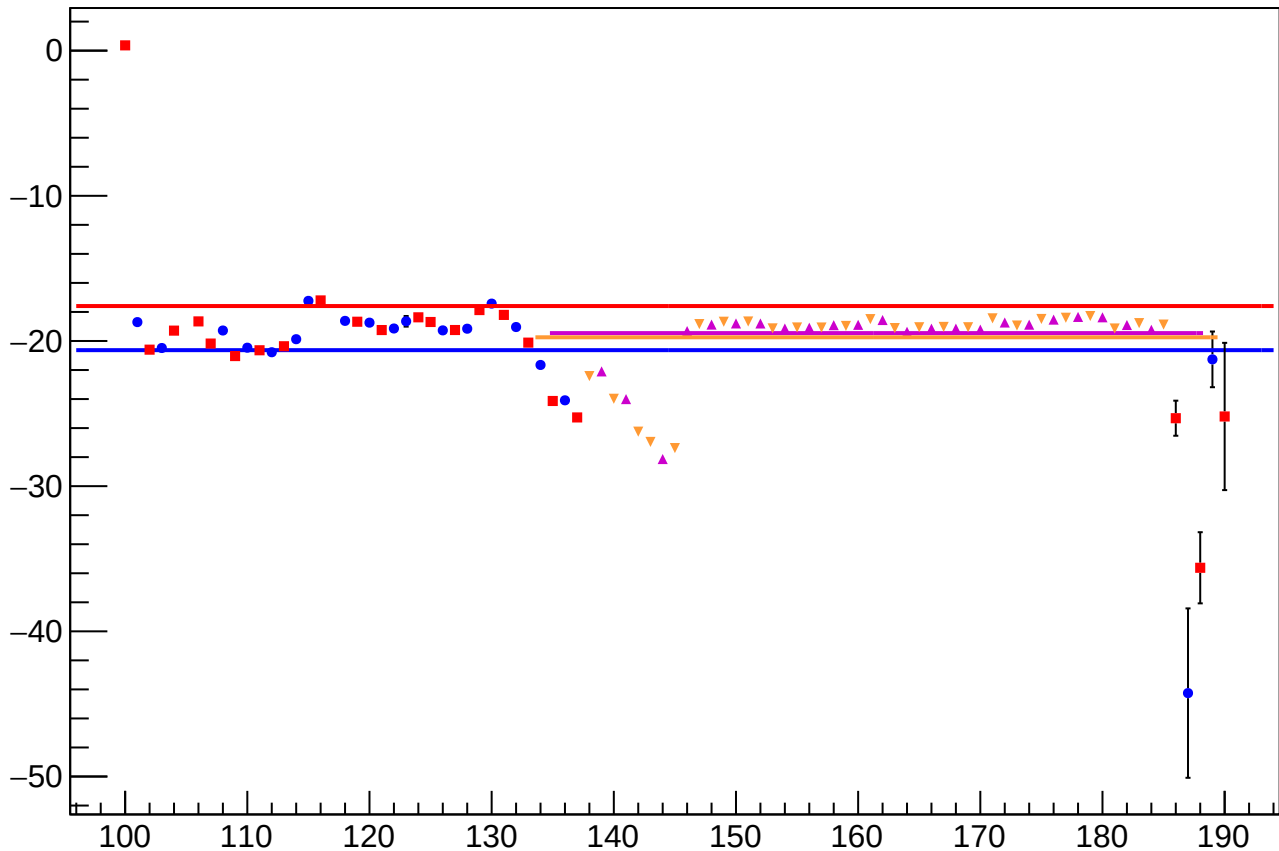
Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

+ sign 8.921 ± 0.152 χ^2/NDF : 1948.8/43

All: 8.738 ± 0.109 χ^2/NDF : 3830.0/88

- sign 8.548 ± 0.155 χ^2/NDF : 1878.2/44

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: -17.593 ± 0.018 $\chi^2/\text{NDF}: 178778.0/21$

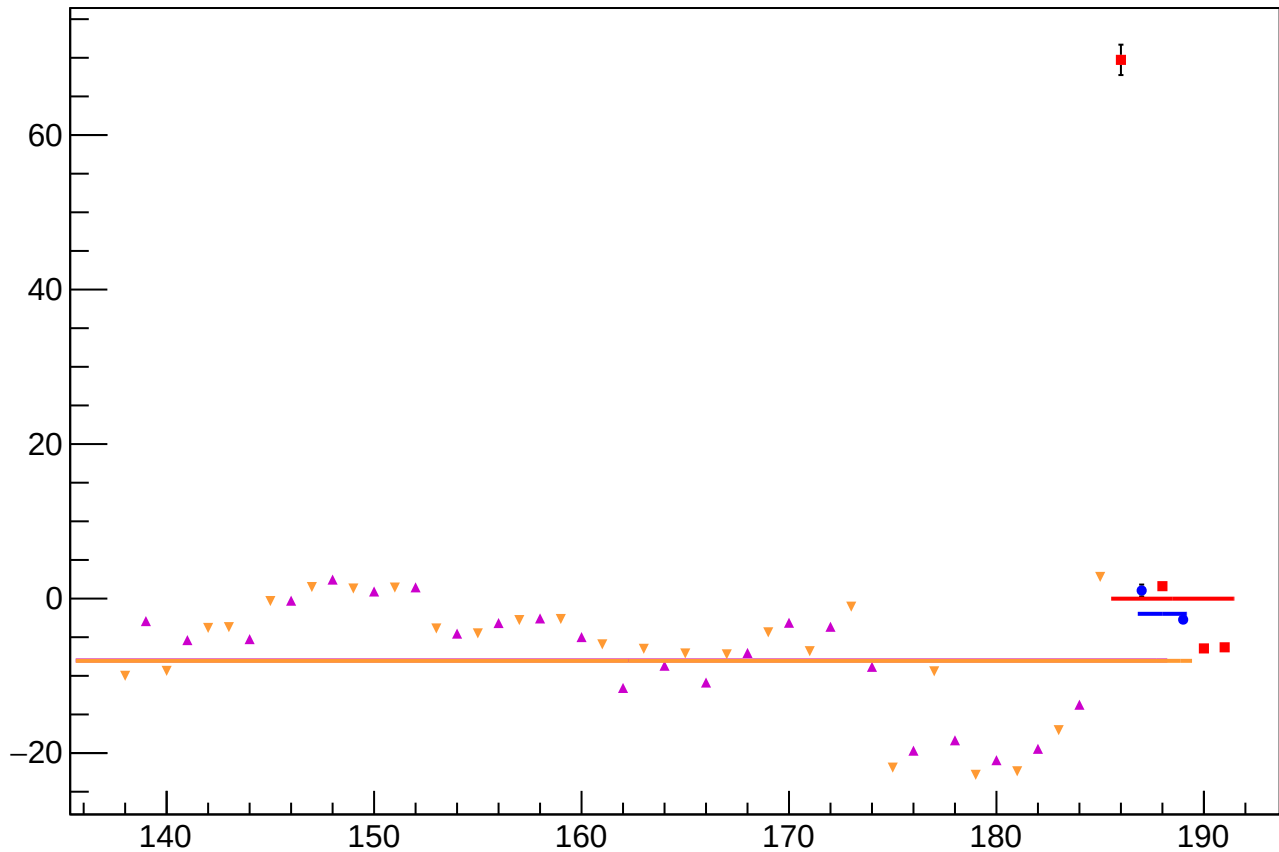
Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

+ sign -19.874 ± 0.007 $\chi^2/\text{NDF}: 102727.1/43$

All: -19.511 ± 0.005 $\chi^2/\text{NDF}: 349337.2/88$

- sign -19.155 ± 0.007 $\chi^2/\text{NDF}: 241744.1/44$

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: -0.012 ± 0.159 χ^2/NDF : 1750.4/3

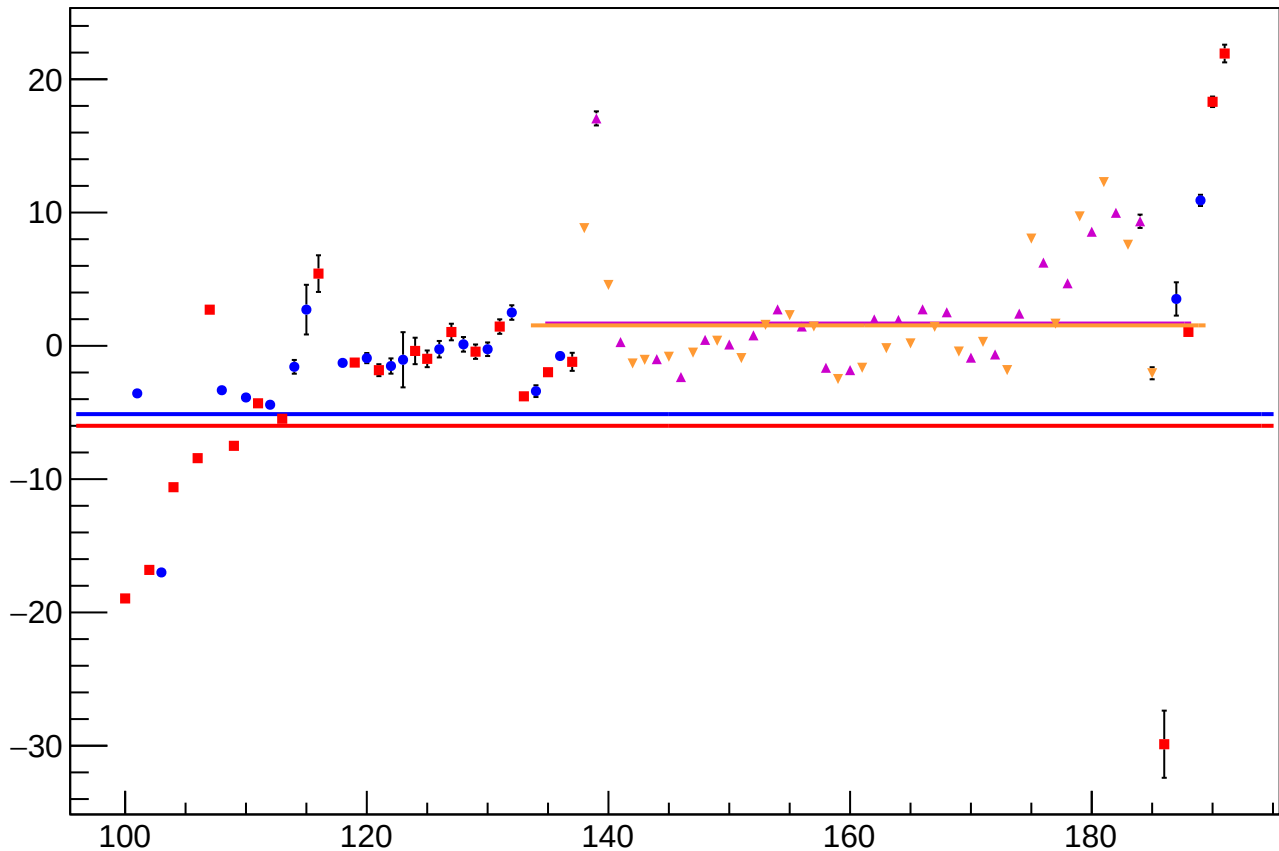
Left In: -8.010 ± 0.071 χ^2/NDF : 10631.2/22

+ sign -7.814 ± 0.069 χ^2/NDF : 12851.0/26

All: -7.208 ± 0.047 χ^2/NDF : 27482.7/53

- sign -6.668 ± 0.065 χ^2/NDF : 14486.1/26

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.123 ± 0.054 $\chi^2/\text{NDF}: 10791.3/18$

Left Out: 1.535 ± 0.055 $\chi^2/\text{NDF}: 4816.7/24$

Right Out: -5.998 ± 0.057 $\chi^2/\text{NDF}: 18938.0/22$

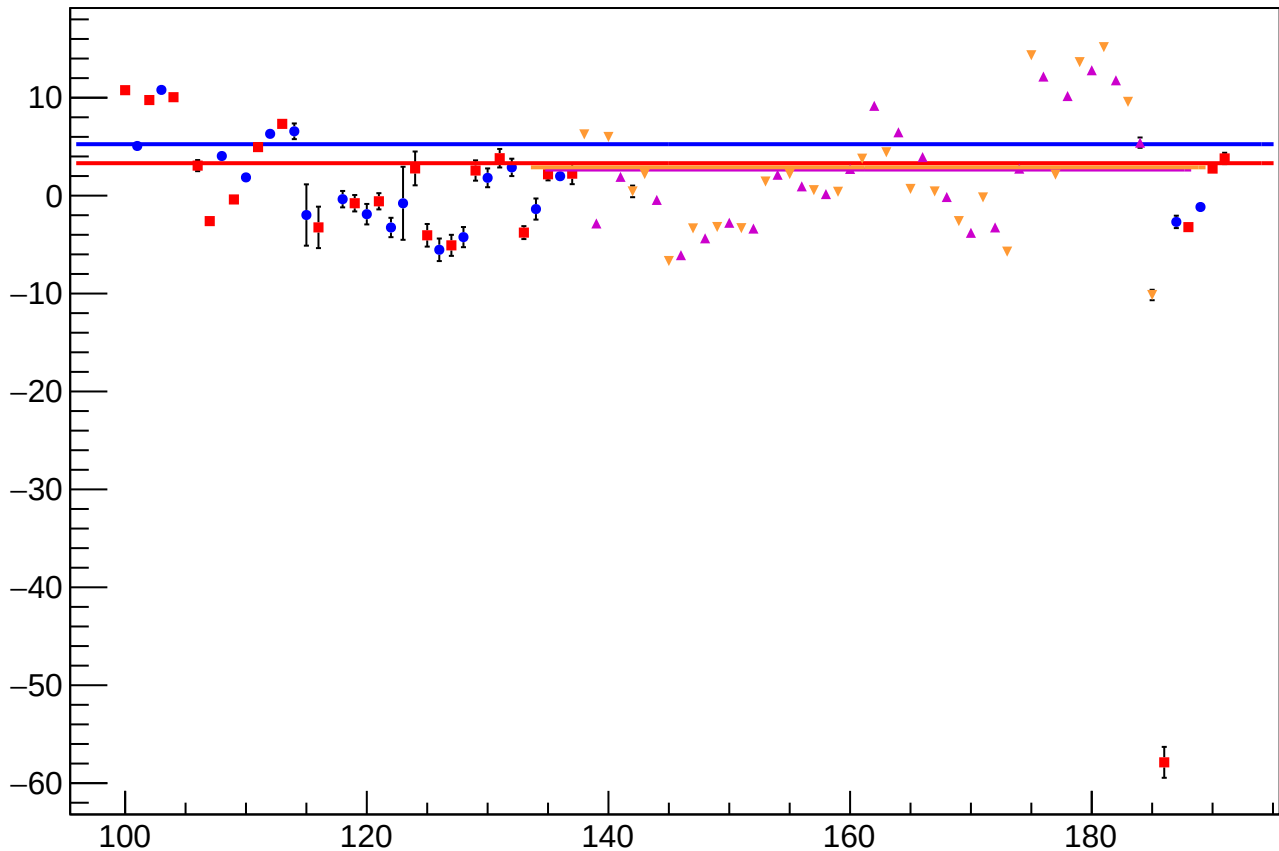
Left In: 1.673 ± 0.056 $\chi^2/\text{NDF}: 4106.3/22$

+ sign -1.810 ± 0.038 $\chi^2/\text{NDF}: 23107.3/43$

All: -1.962 ± 0.028 $\chi^2/\text{NDF}: 55342.9/89$

- sign -2.126 ± 0.040 $\chi^2/\text{NDF}: 32203.3/45$

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: 3.313 ± 0.077 χ^2/NDF : 6917.5/22

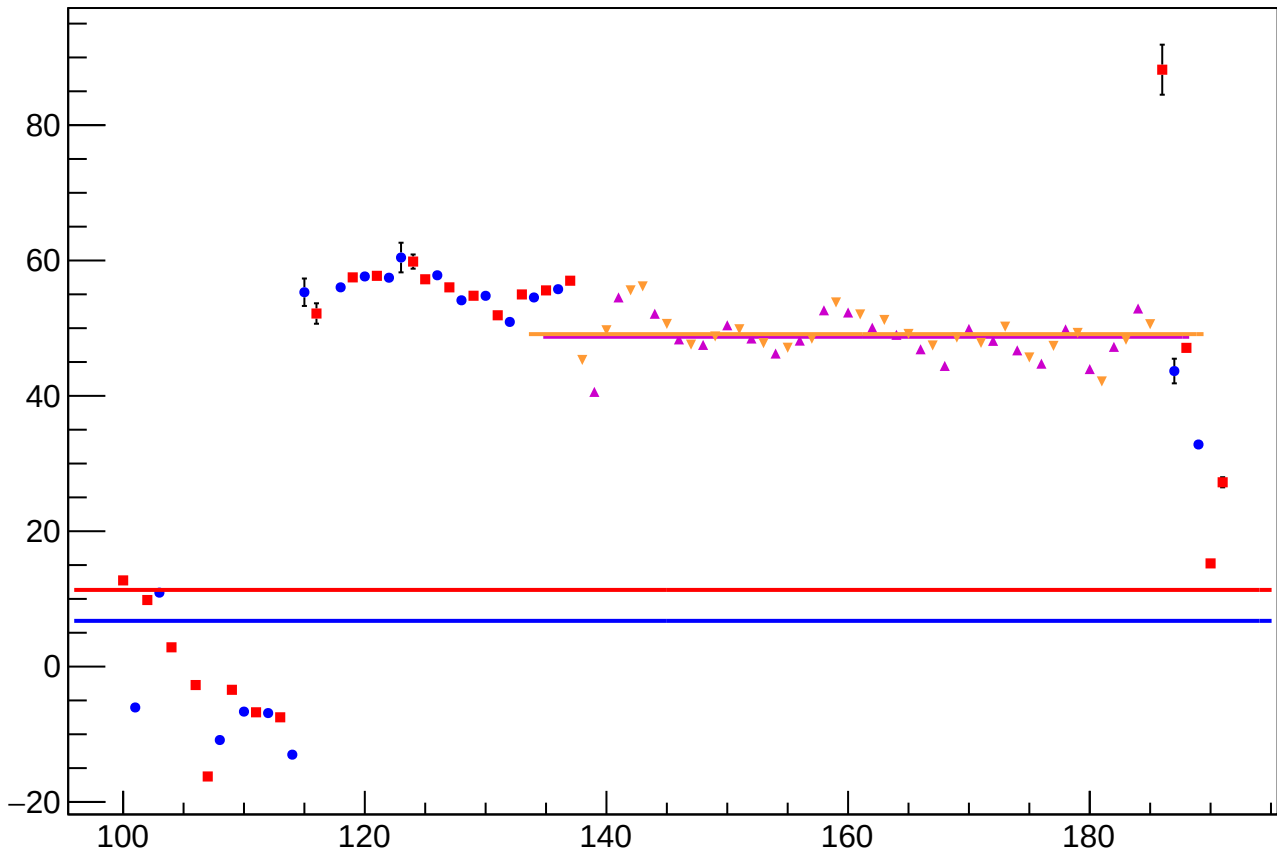
Left In: 2.663 ± 0.071 χ^2/NDF : 7308.8/22

+ sign 3.838 ± 0.054 χ^2/NDF : 11320.1/43

All: 3.381 ± 0.038 χ^2/NDF : 25719.8/89

- sign 2.963 ± 0.052 χ^2/NDF : 14264.8/45

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.757 $\pm$ 0.064 χ^2 /NDF: 125655.8/18

Left Out: 49.121 $\pm$ 0.062 χ^2 /NDF: 2165.4/24

Right Out: 11.329 $\pm$ 0.068 χ^2 /NDF: 130873.3/22

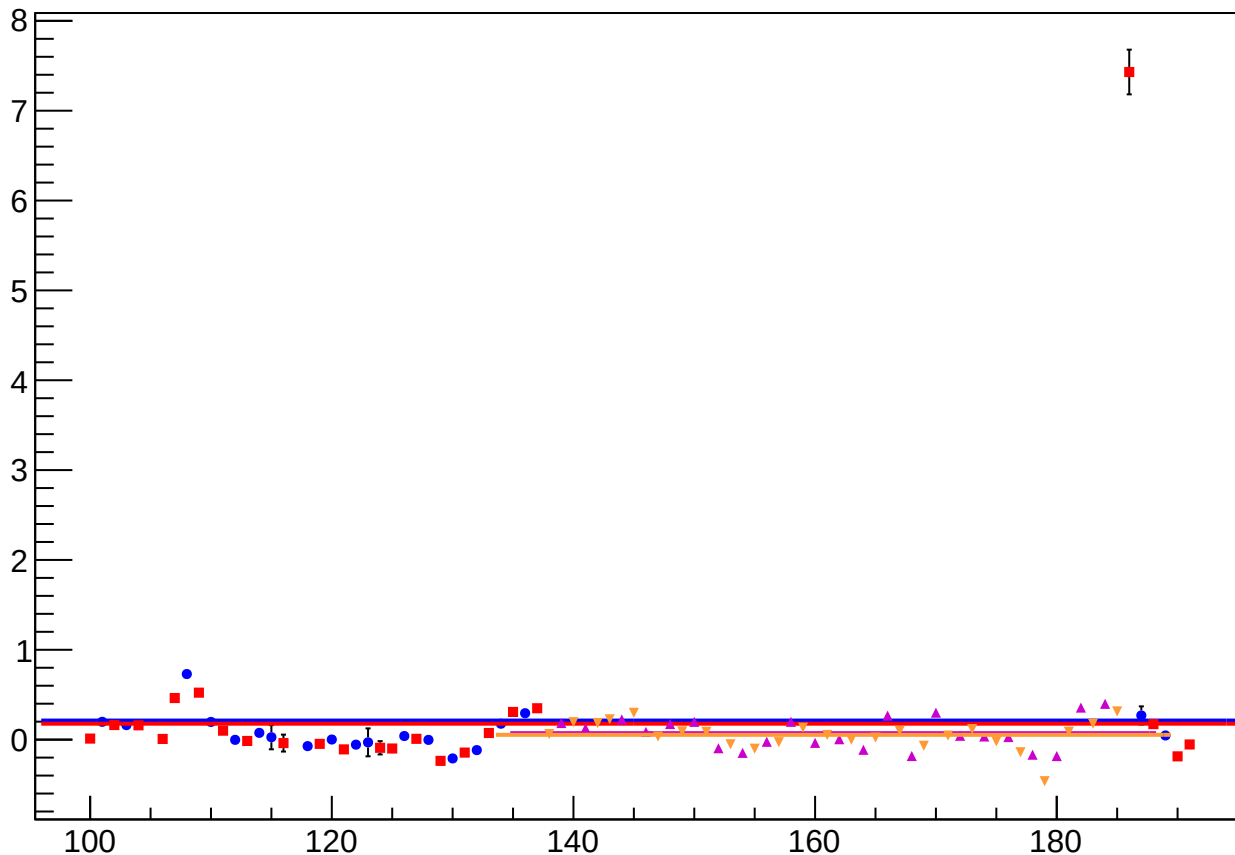
Left In: 48.731 $\pm$ 0.064 χ^2 /NDF: 2117.7/22

+ sign 28.756 $\pm$ 0.045 χ^2 /NDF: 353118.0/43

All: 29.983 $\pm$ 0.032 χ^2 /NDF: 648938.7/89

- sign 31.316 $\pm$ 0.046 χ^2 /NDF: 294241.3/45

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: 0.177 ± 0.003 χ^2/NDF : 3981.0/22

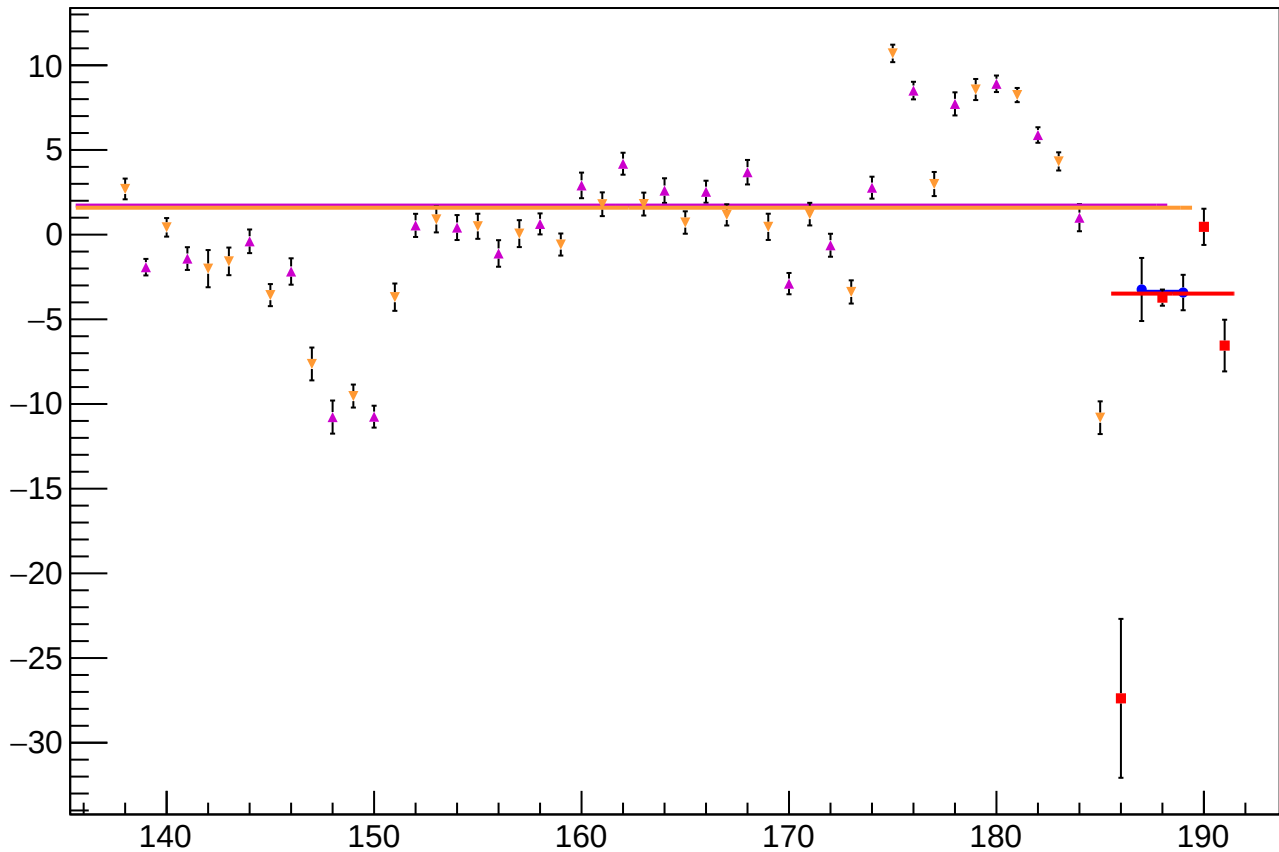
Left In: 0.072 ± 0.003 χ^2/NDF : 3272.0/22

+ sign 0.135 ± 0.002 χ^2/NDF : 7985.4/43

All: 0.132 ± 0.001 χ^2/NDF : 15987.9/89

- sign 0.129 ± 0.002 χ^2/NDF : 7997.4/45

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: -3.482 ± 0.417 χ^2/NDF : 43.8/3

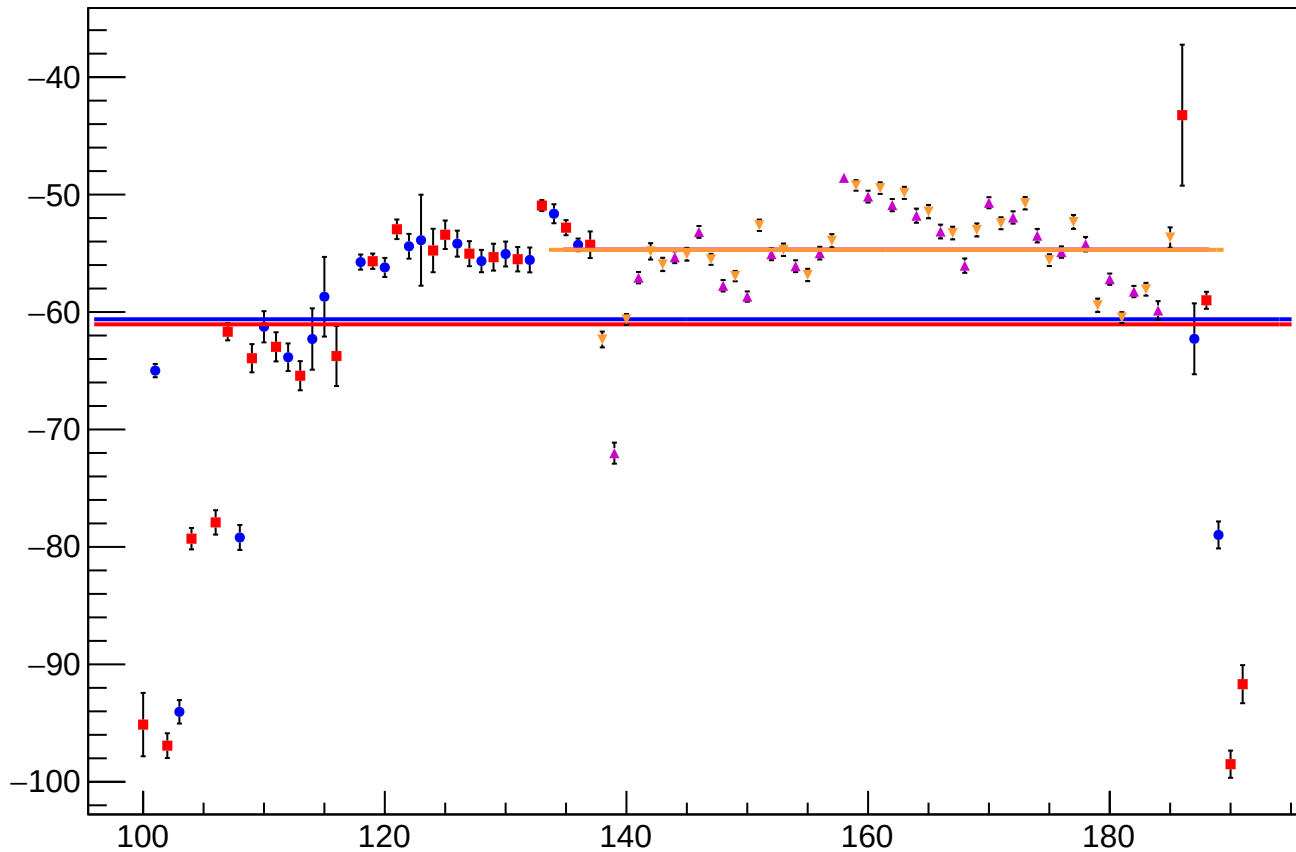
Left In: 1.715 ± 0.134 χ^2/NDF : 1313.5/22

+ sign 1.486 ± 0.132 χ^2/NDF : 1486.5/26

All: 1.353 ± 0.092 χ^2/NDF : 2986.4/53

- sign 1.228 ± 0.128 χ^2/NDF : 1498.0/26

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -60.617 ± 0.218 χ^2/NDF : 2245.6/18

Left Out: -54.701 ± 0.106 χ^2/NDF : 1124.5/24

Right Out: -61.048 ± 0.199 χ^2/NDF : 4386.6/22

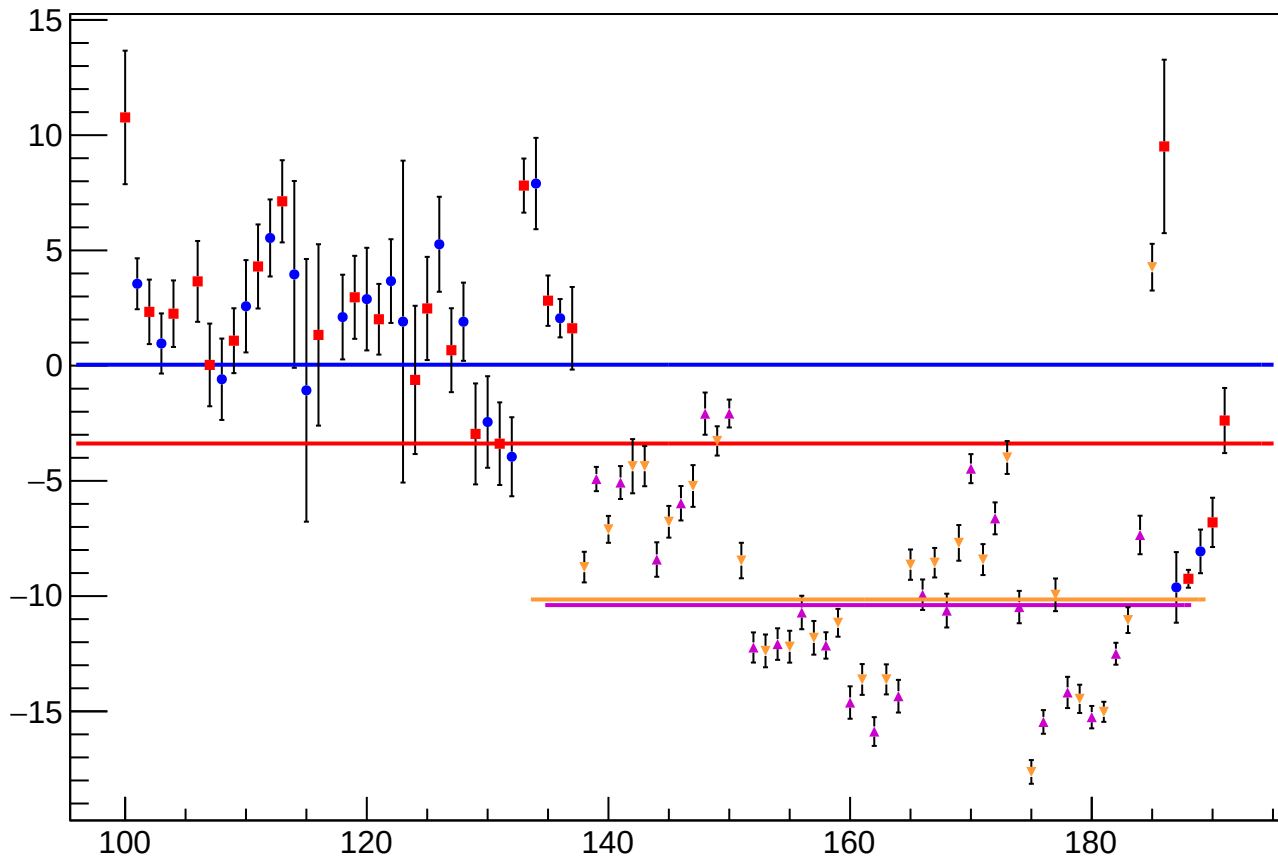
Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

+ sign -55.829 ± 0.095 χ^2/NDF : 3964.2/43

All: -55.993 ± 0.068 χ^2/NDF : 10285.4/89

- sign -56.159 ± 0.096 χ^2/NDF : 6315.3/45

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 0.040 ± 0.361 χ^2/NDF : 180.3/18

Left Out: -10.146 ± 0.133 χ^2/NDF : 1051.2/24

Right Out: -3.380 ± 0.260 χ^2/NDF : 559.5/22

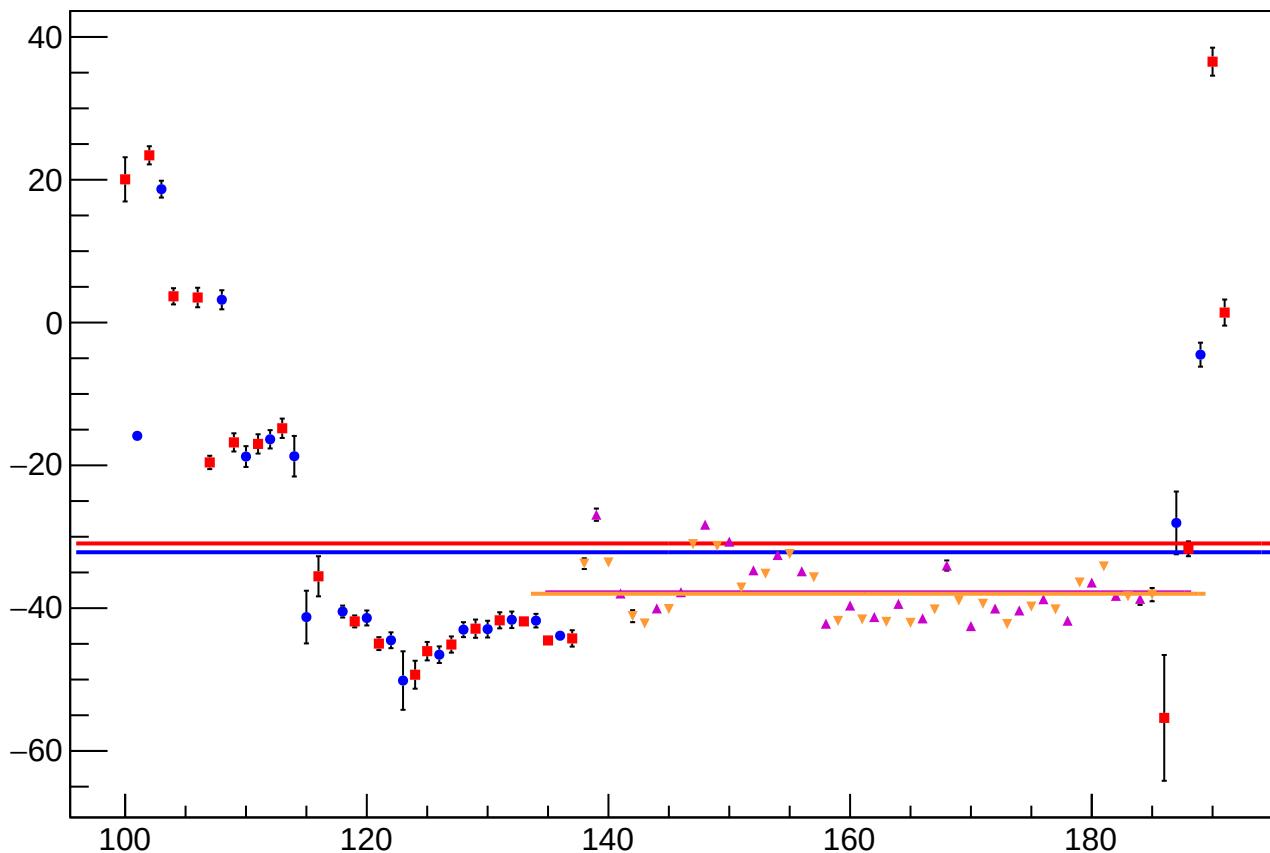
Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

+ sign -8.929 ± 0.125 χ^2/NDF : 1931.8/43

All: -8.927 ± 0.086 χ^2/NDF : 4090.2/89

- sign -8.926 ± 0.119 χ^2/NDF : 2158.4/45

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: -30.940 ± 0.234 $\chi^2/\text{NDF}: 7584.4/22$

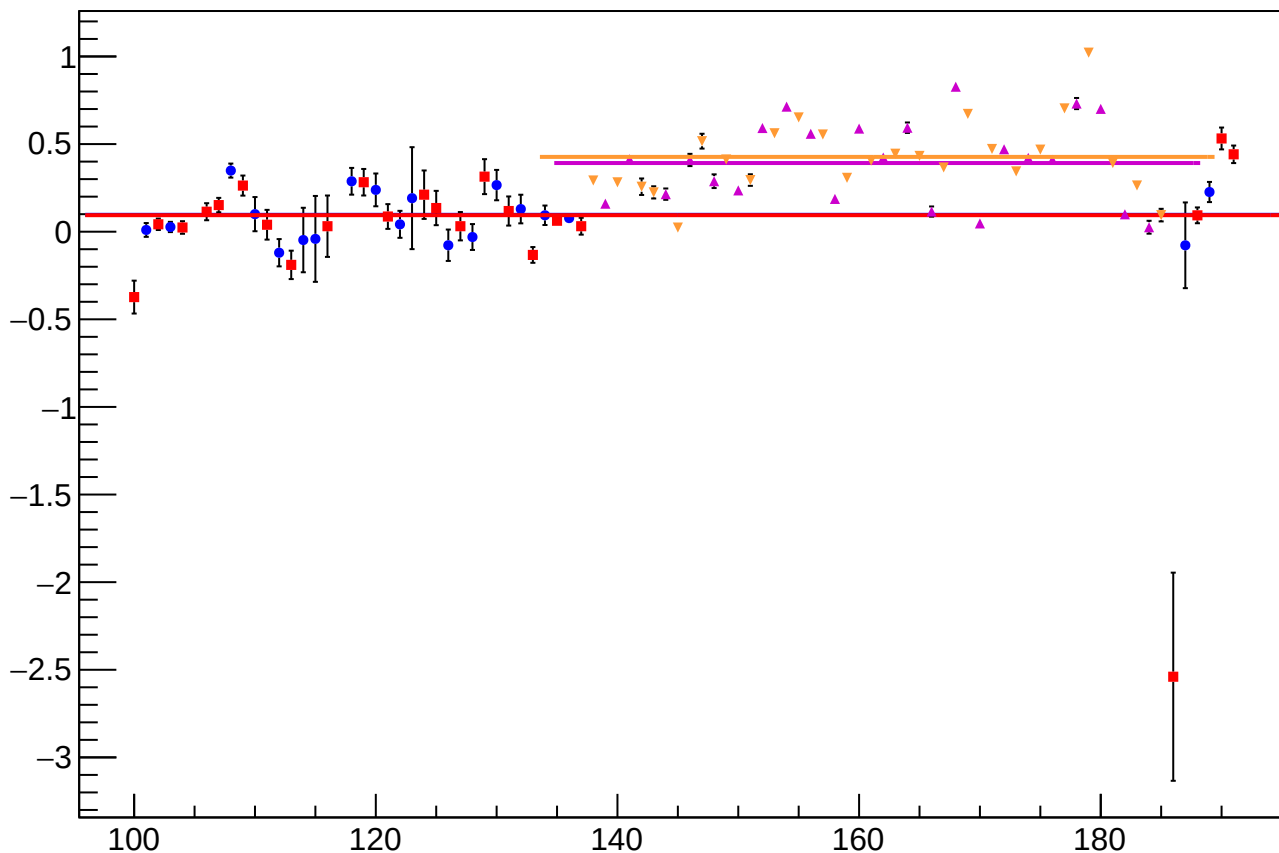
Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

+ sign -36.915 ± 0.108 $\chi^2/\text{NDF}: 6320.4/43$

All: -36.619 ± 0.076 $\chi^2/\text{NDF}: 15673.5/89$

- sign -36.321 ± 0.108 $\chi^2/\text{NDF}: 9338.0/45$

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: 0.094 $\pm$ 0.011 χ^2 /NDF: 213.2/22

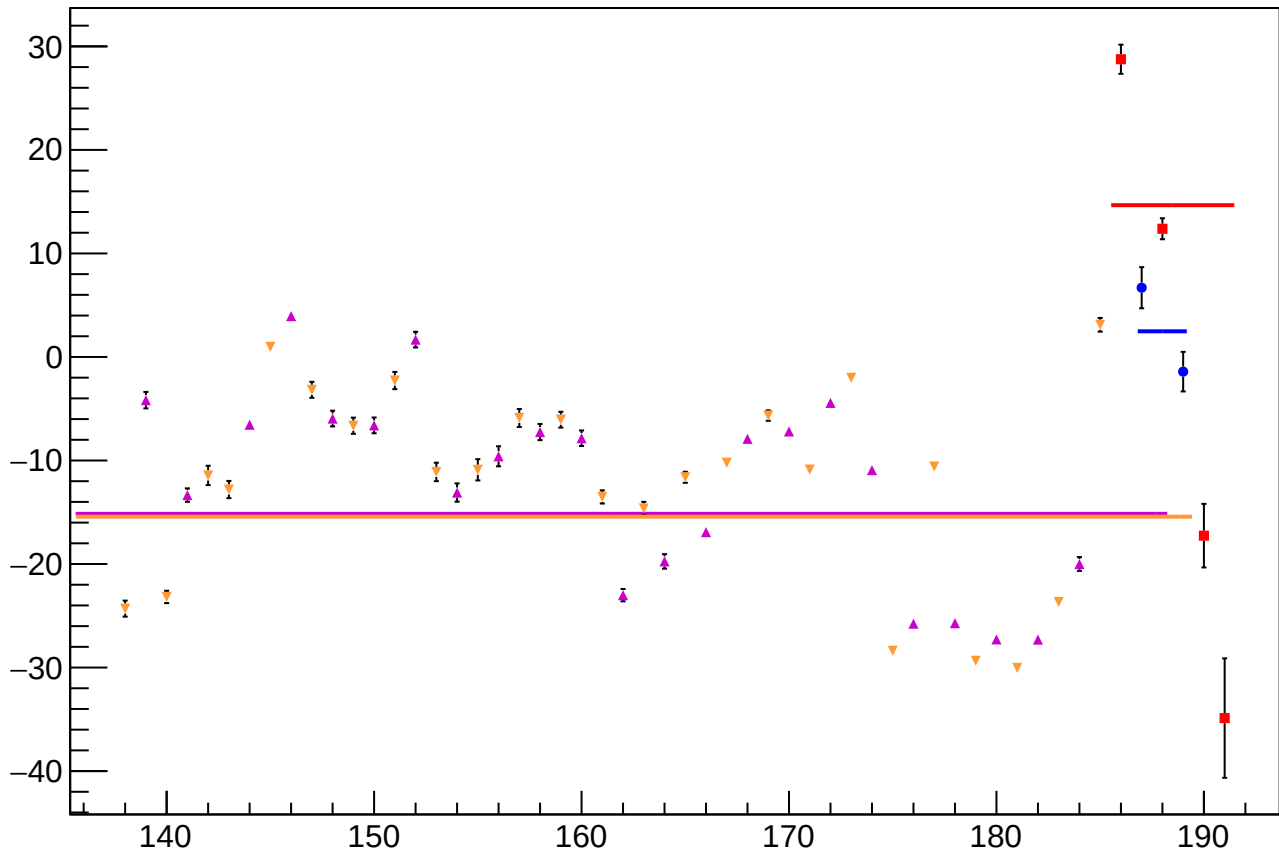
Left In: 0.392 $\pm$ 0.005 χ^2 /NDF:1835.6/22

+ sign 0.374 $\pm$ 0.005 χ^2 /NDF: 1976.1/43

All: 0.355 $\pm$ 0.003 χ^2 /NDF: 4626.8/89

- sign 0.336 $\pm$ 0.005 χ^2 /NDF: 2620.3/45

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 2.479 ± 1.377 $\chi^2/\text{NDF}: 8.6/1$

Left Out: -15.427 ± 0.105 $\chi^2/\text{NDF}: 10499.6/24$

Right Out: 14.661 ± 0.787 $\chi^2/\text{NDF}: 286.9/3$

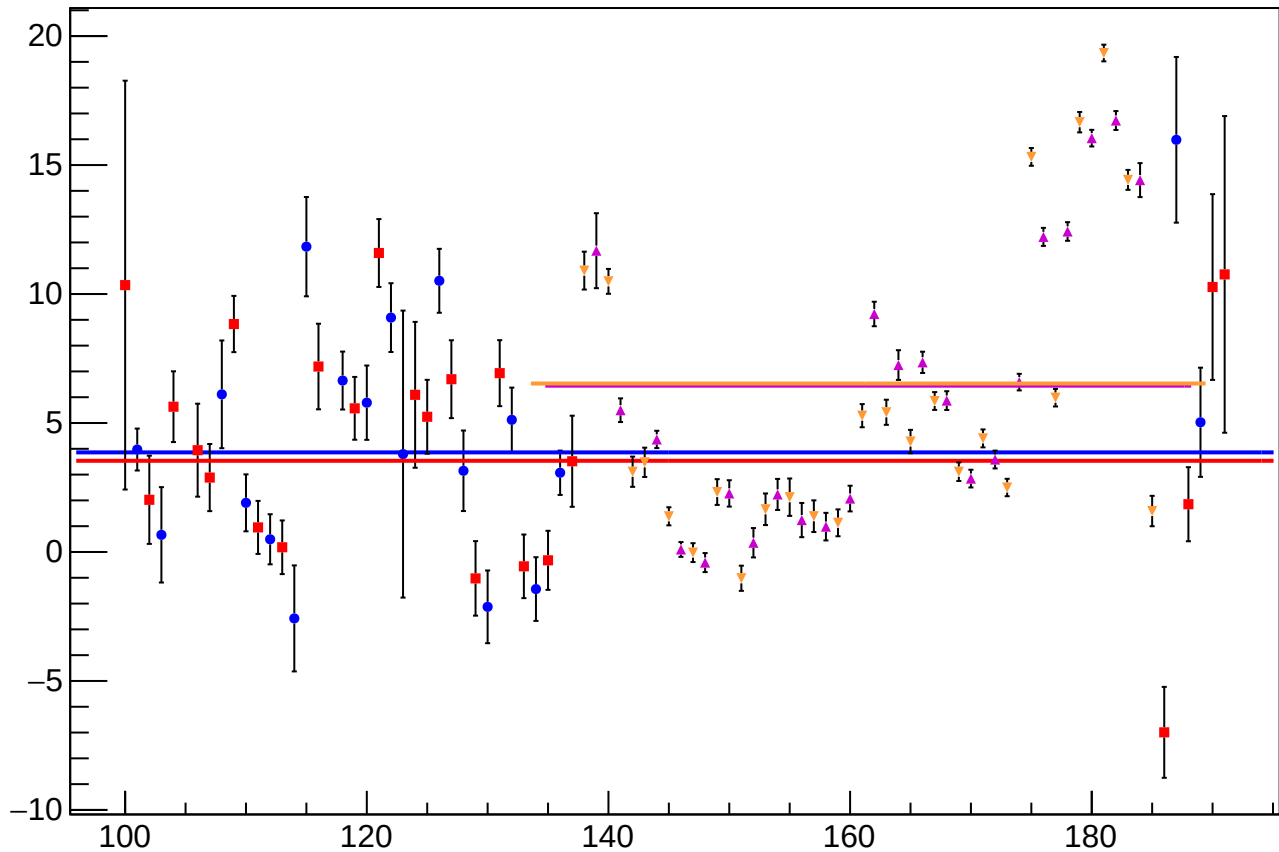
Left In: -15.151 ± 0.106 $\chi^2/\text{NDF}: 8744.3/22$

+ sign -15.323 ± 0.105 $\chi^2/\text{NDF}: 10676.3/26$

All: -14.971 ± 0.074 $\chi^2/\text{NDF}: 21139.1/53$

- sign -14.618 ± 0.105 $\chi^2/\text{NDF}: 10440.3/26$

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: 3.536 ± 0.303 $\chi^2/\text{NDF}: 177.5/22$

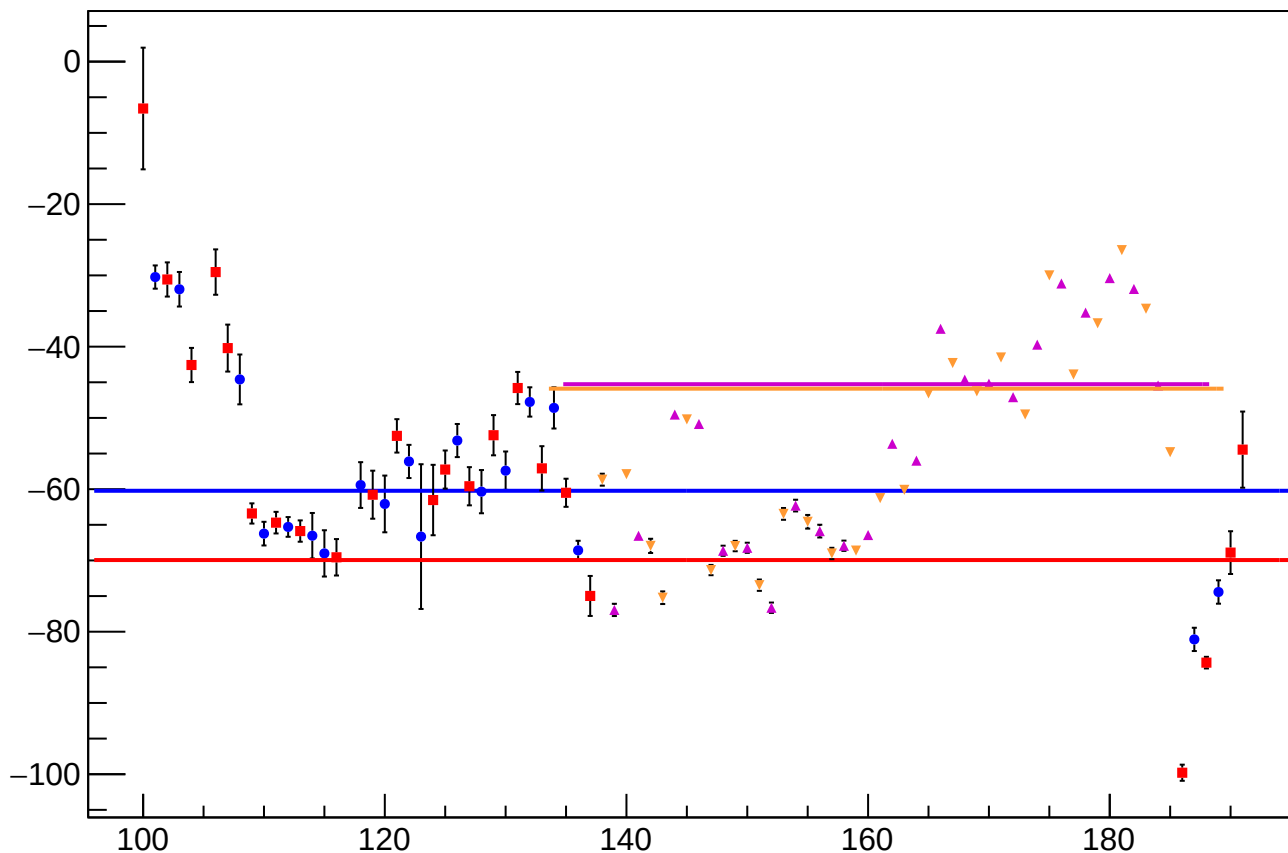
Left In: 6.448 ± 0.086 $\chi^2/\text{NDF}: 3955.6/22$

+ sign 6.335 ± 0.082 $\chi^2/\text{NDF}: 5192.5/43$

All: 6.283 ± 0.058 $\chi^2/\text{NDF}: 9412.1/89$

- sign 6.231 ± 0.083 $\chi^2/\text{NDF}: 4218.8/45$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -60.224 ± 0.491 χ^2/NDF : 875.7/18

Left Out: -45.897 ± 0.106 χ^2/NDF : 17133.8/24

Right Out: -69.946 ± 0.411 χ^2/NDF : 2050.5/22

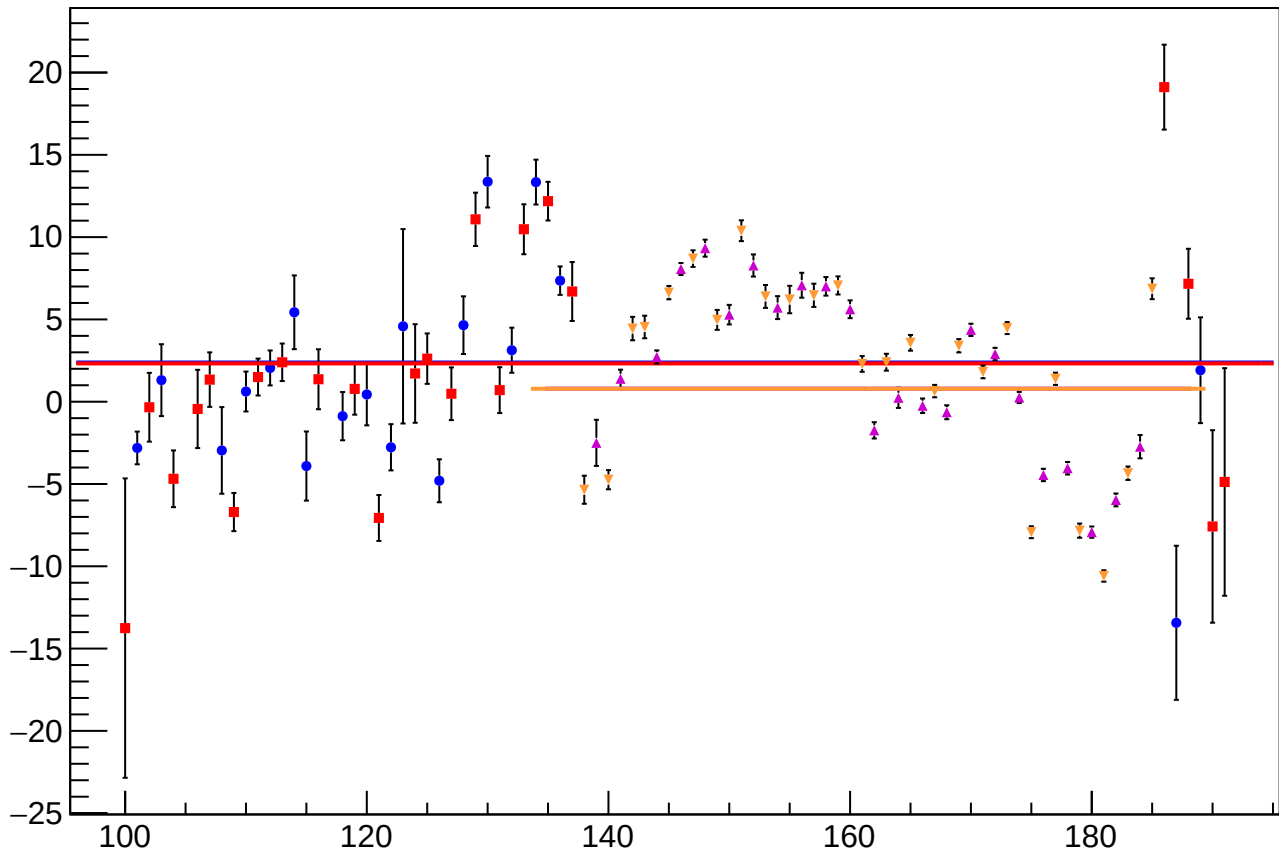
Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

+ sign -46.540 ± 0.104 χ^2/NDF : 18823.5/43

All: -46.683 ± 0.073 χ^2/NDF : 40024.4/89

- sign -46.825 ± 0.103 χ^2/NDF : 21197.1/45

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: 2.325 $\pm$ 0.346 χ^2 /NDF: 319.4/22

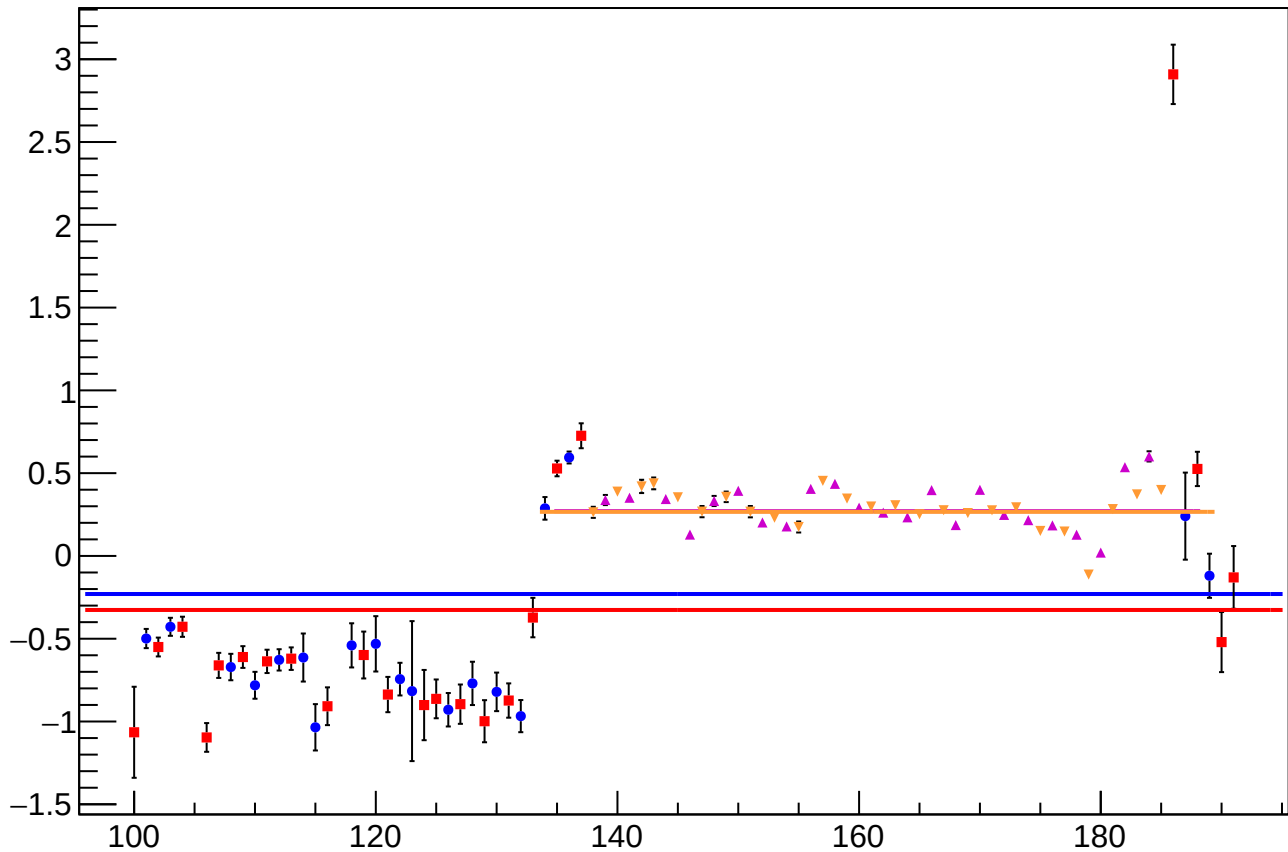
Left In: 0.791 $\pm$ 0.096 χ^2 /NDF: 2697.7/22

+ sign 0.902 $\pm$ 0.092 χ^2 /NDF: 4021.9/43

All: 0.902 $\pm$ 0.065 χ^2 /NDF: 7057.2/89

- sign 0.901 $\pm$ 0.093 χ^2 /NDF: 3035.3/45

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: -0.326 ± 0.018 χ^2/NDF : 1260.0/22

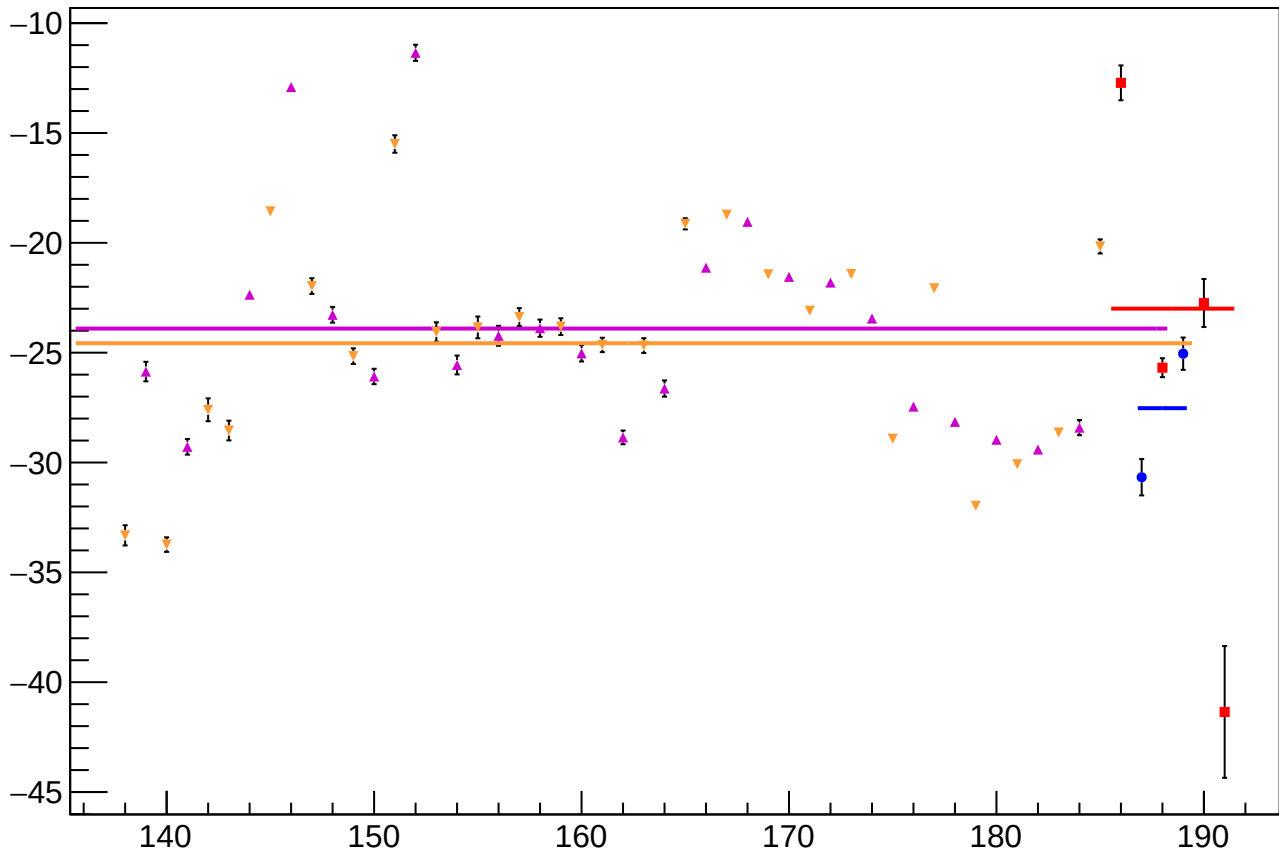
Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

+ sign 0.241 ± 0.004 χ^2/NDF : 2332.7/43

All: 0.239 ± 0.003 χ^2/NDF : 5564.8/89

- sign 0.238 ± 0.004 χ^2/NDF : 3231.9/45

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: -22.995 ± 0.355 χ^2/NDF : 244.2/3

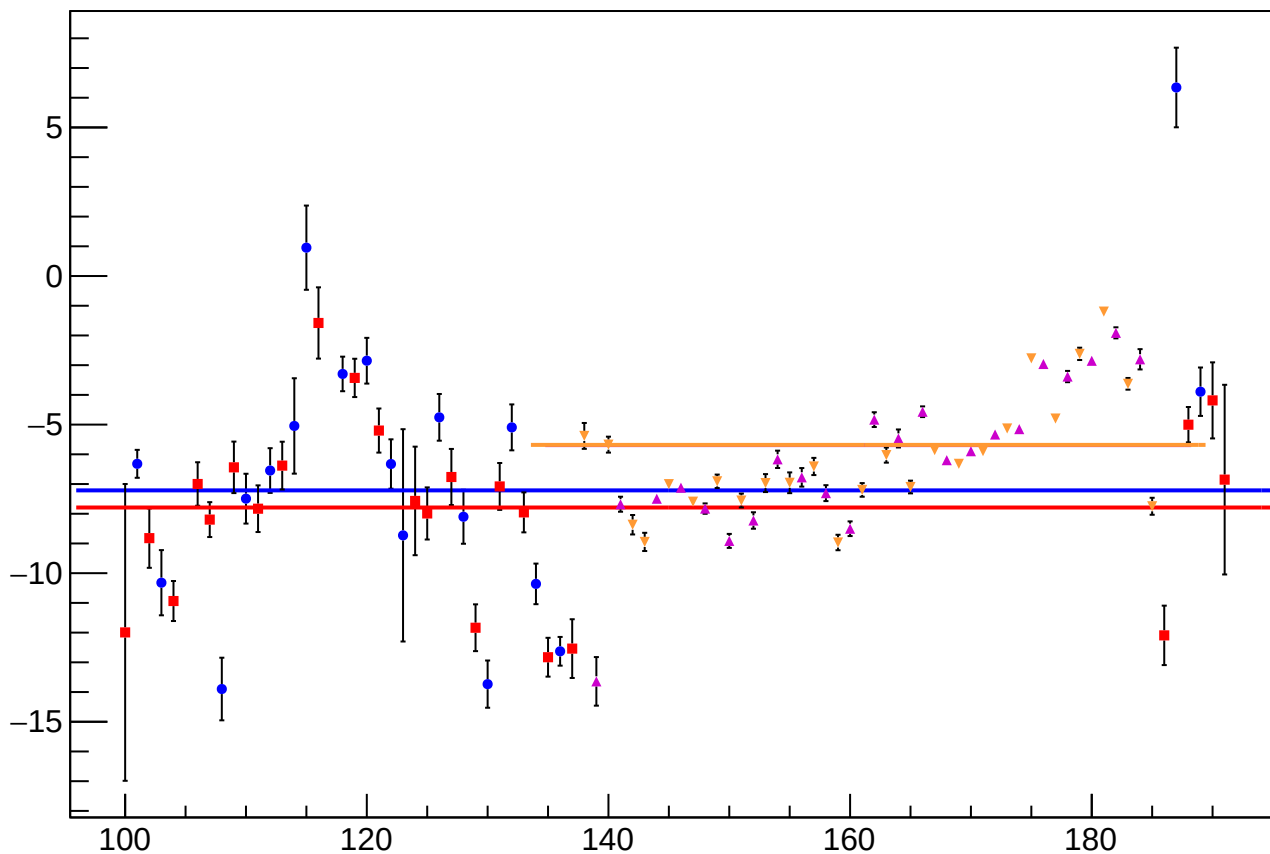
Left In: -23.902 ± 0.051 χ^2/NDF : 9158.9/22

+ sign -24.596 ± 0.051 χ^2/NDF : 8664.4/26

All: -24.237 ± 0.036 χ^2/NDF : 18173.2/53

- sign -23.884 ± 0.050 χ^2/NDF : 9409.5/26

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: -7.790 ± 0.173 χ^2/NDF : 275.1/22

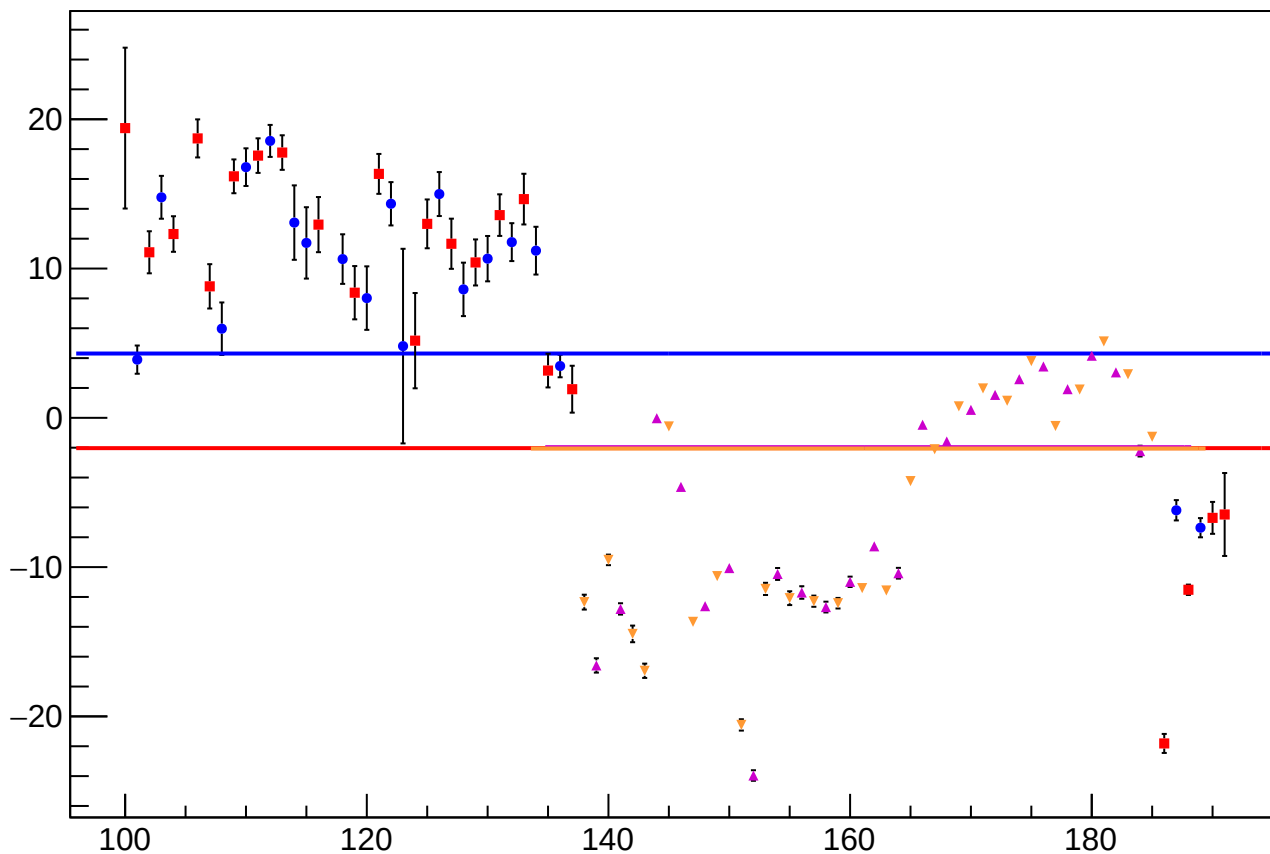
Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

+ sign -5.759 ± 0.040 χ^2/NDF : 2818.2/43

All: -5.780 ± 0.028 χ^2/NDF : 5562.0/89

- sign -5.800 ± 0.040 χ^2/NDF : 2743.3/45

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 4.307 $\pm$ 0.273 χ^2 /NDF: 1113.4/18

Left Out: -2.055 $\pm$ 0.051 χ^2 /NDF:16042.5/24

Right Out: -2.031 $\pm$ 0.219 χ^2 /NDF: 3899.0/22

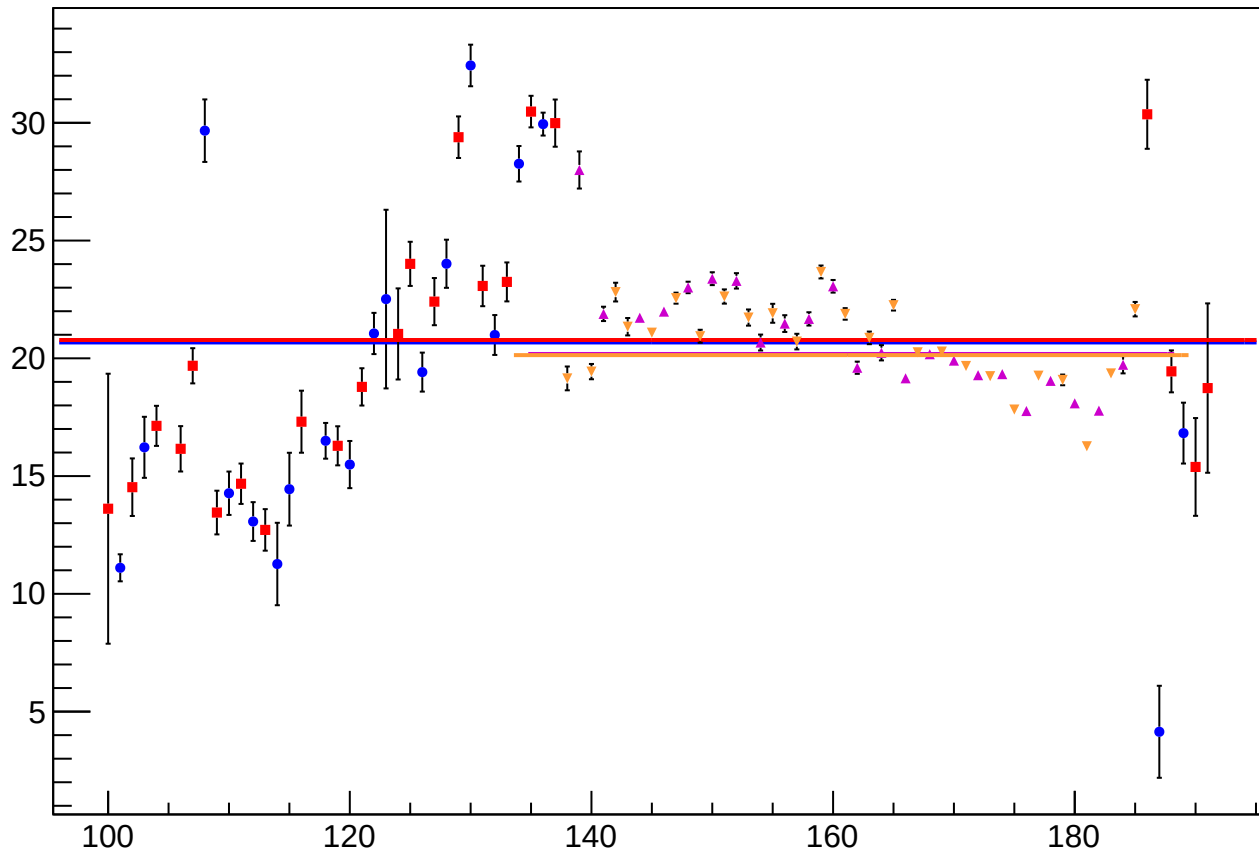
Left In: -1.963 $\pm$ 0.051 χ^2 /NDF:15492.9/22

+ sign -1.837 $\pm$ 0.051 χ^2 /NDF: 17679.5/43

All: -1.903 $\pm$ 0.035 χ^2 /NDF: 37074.8/89

- sign -1.966 $\pm$ 0.050 χ^2 /NDF: 19392.0/45

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: 20.778 $\pm$ 0.204 χ^2 /NDF: 782.0/22

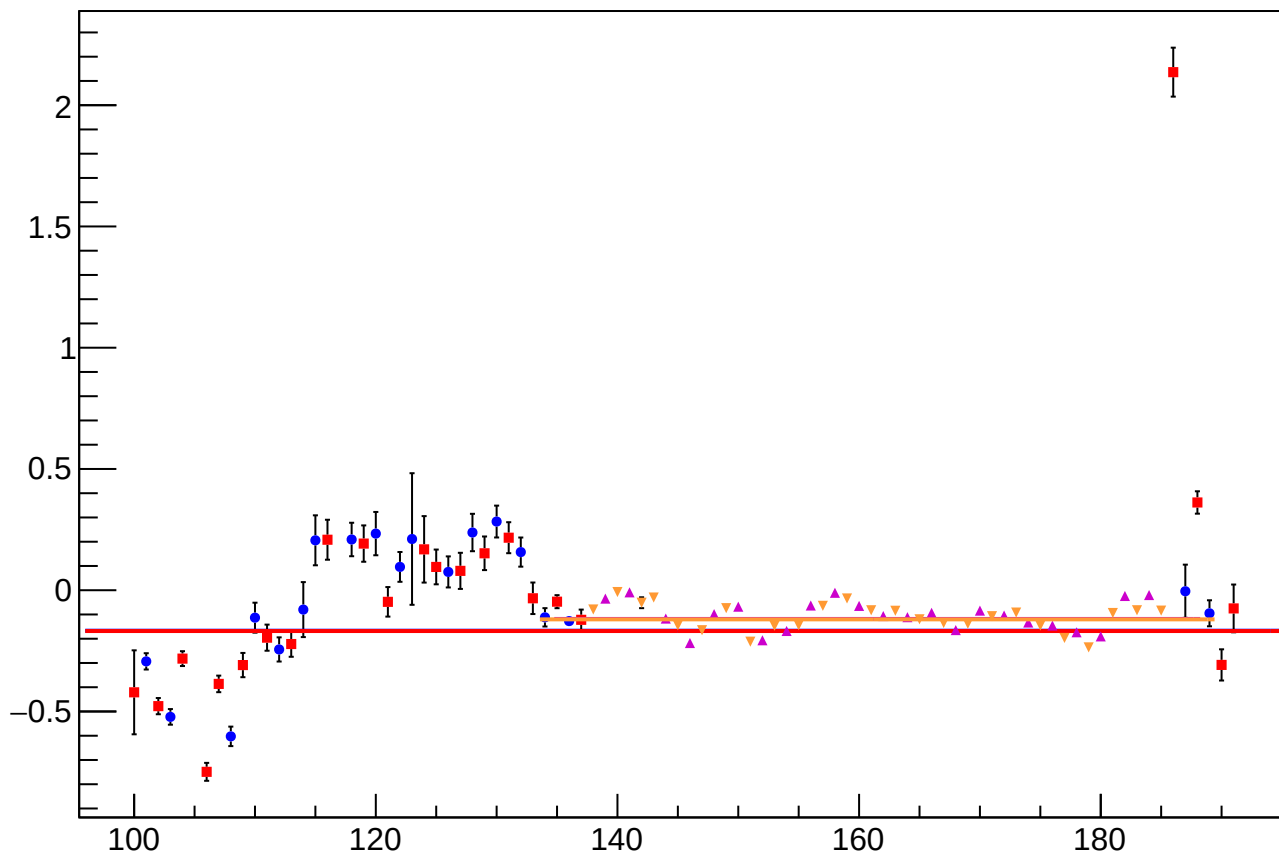
Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

+ sign 20.162 $\pm$ 0.045 χ^2 /NDF: 2728.7/43

All: 20.187 $\pm$ 0.032 χ^2 /NDF: 4990.1/89

- sign 20.213 $\pm$ 0.045 χ^2 /NDF: 2260.8/45

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: -0.168 ± 0.010 χ^2/NDF : 1219.1/22

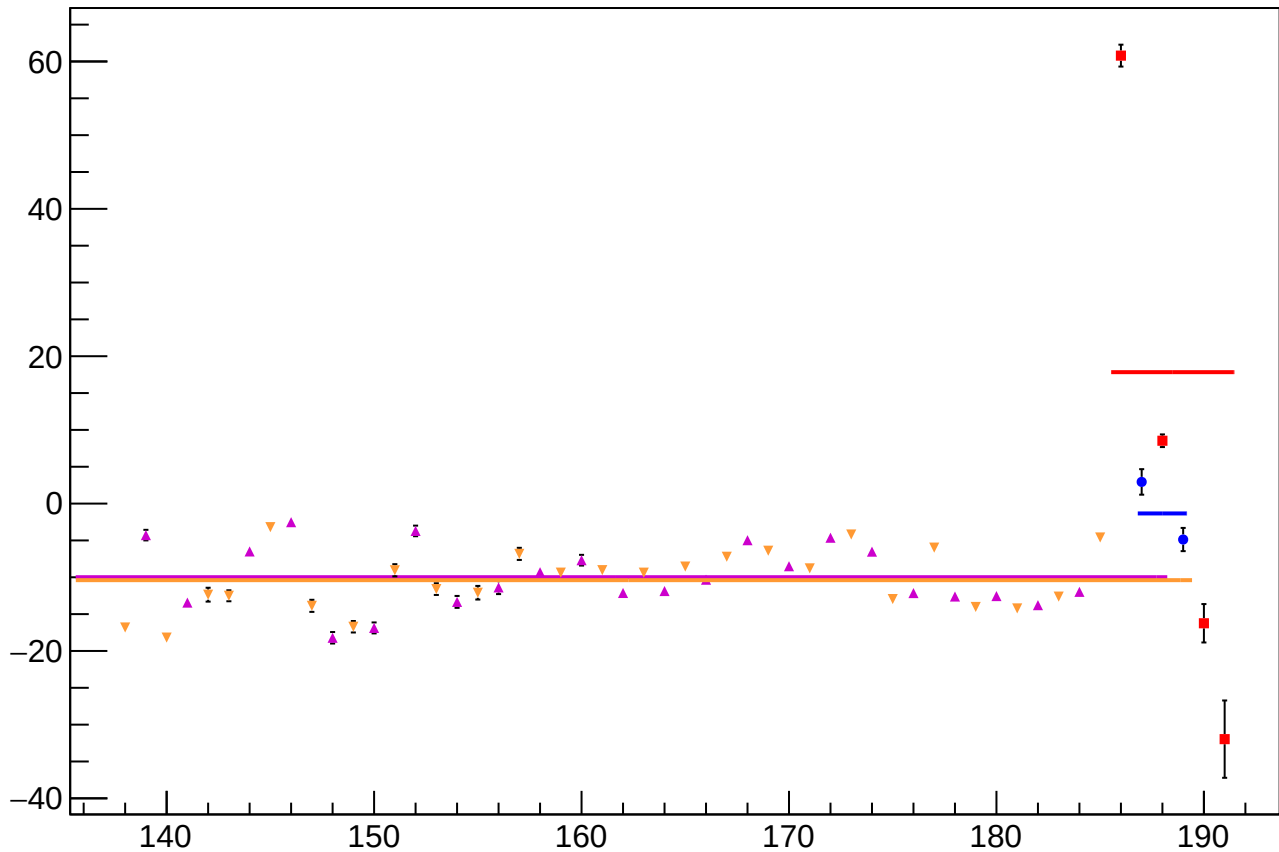
Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

+ sign -0.122 ± 0.002 χ^2/NDF : 1018.6/43

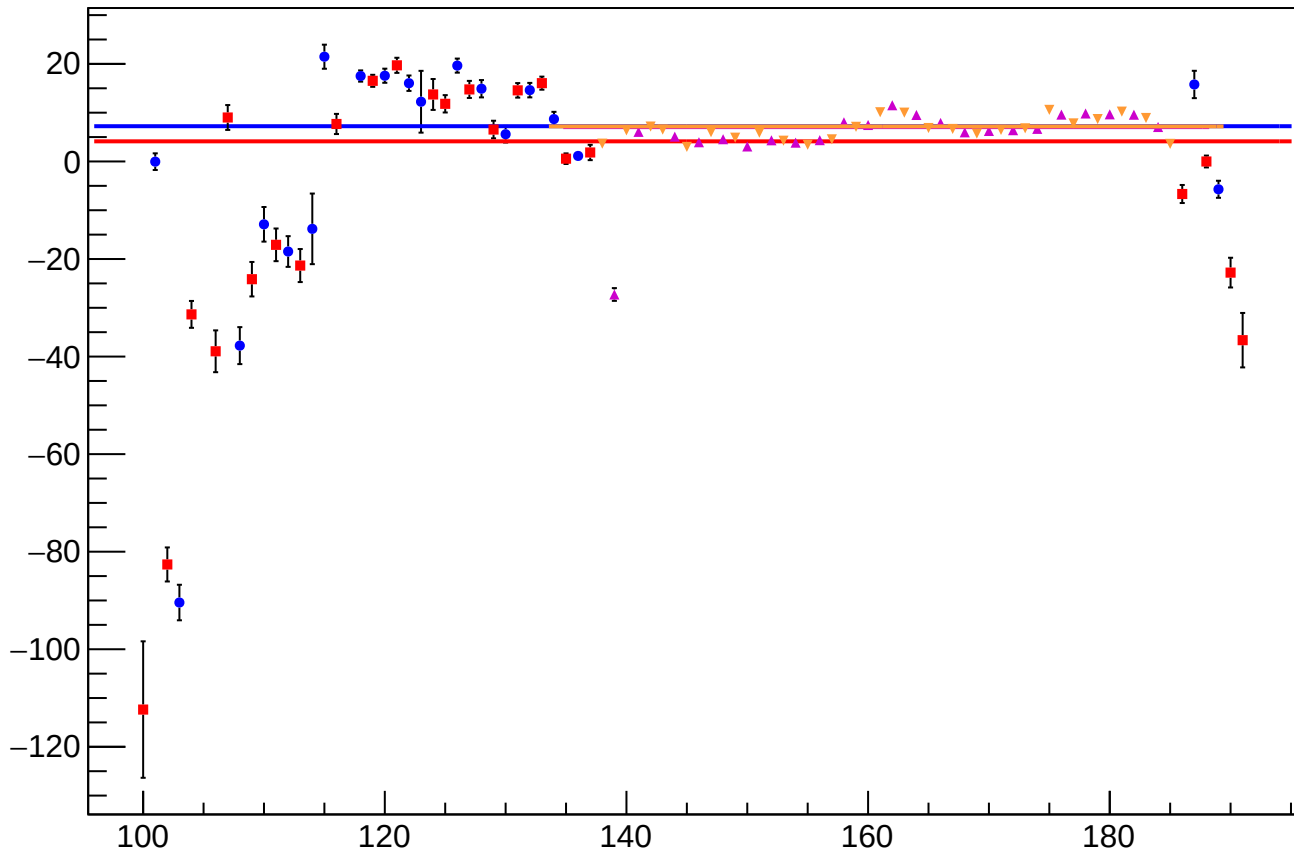
All: -0.121 ± 0.001 χ^2/NDF : 2987.4/89

- sign -0.120 ± 0.002 χ^2/NDF : 1968.6/45

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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: 4.125 ± 0.395 χ^2/NDF : 1708.5/22

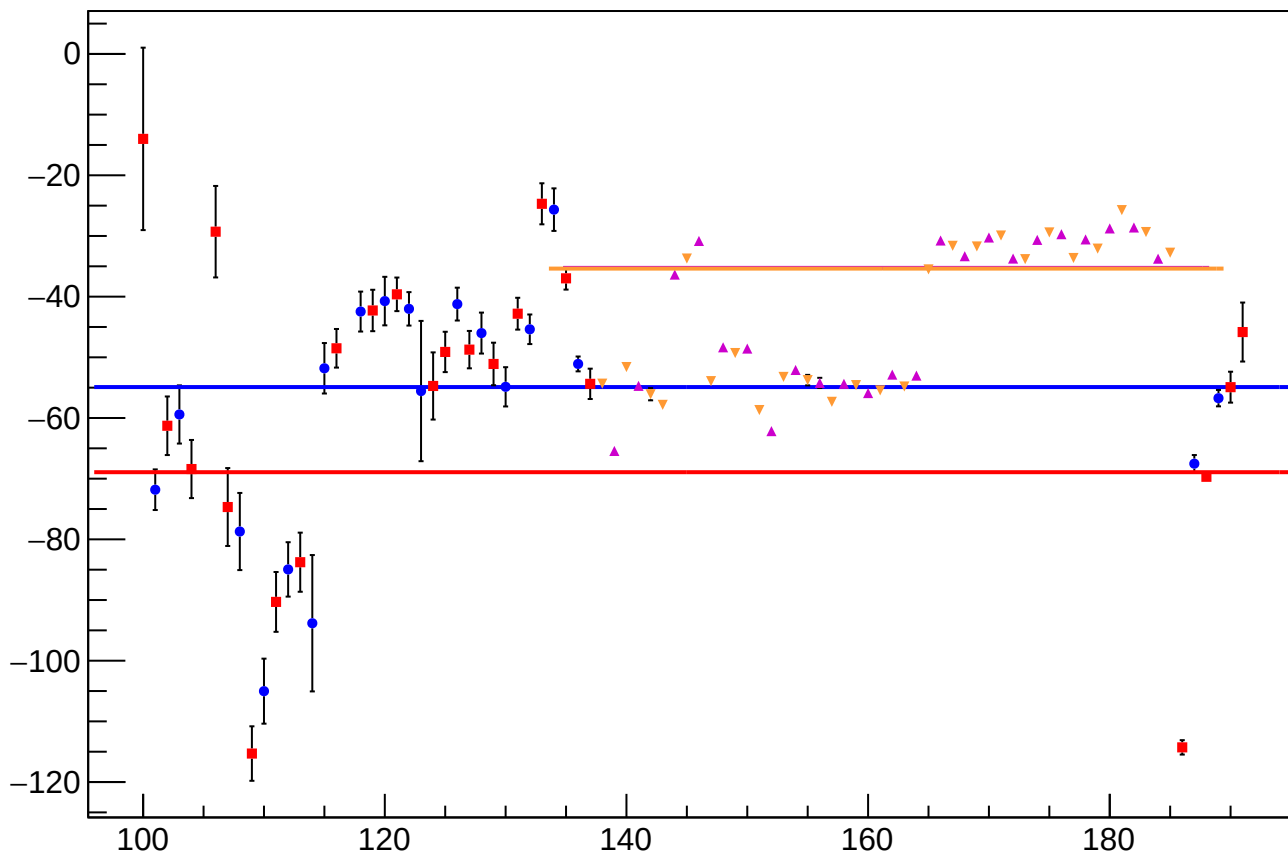
Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

+ sign 7.188 ± 0.072 χ^2/NDF : 2340.4/43

All: 7.067 ± 0.051 χ^2/NDF : 5711.9/89

- sign 6.944 ± 0.073 χ^2/NDF : 3365.8/45

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: -68.932 ± 0.468 χ^2/NDF : 2615.8/22

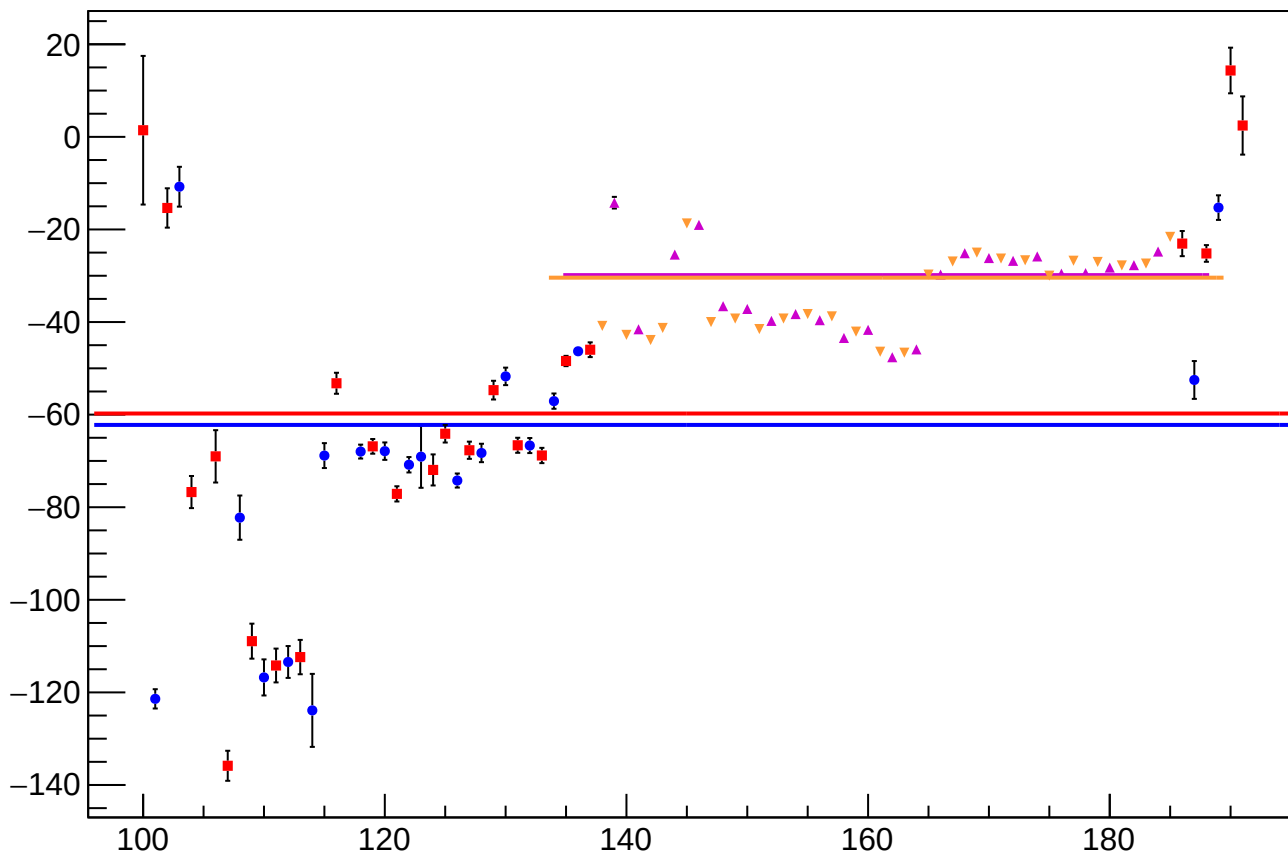
Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

+ sign -35.813 ± 0.088 χ^2/NDF : 14143.3/43

All: -36.133 ± 0.062 χ^2/NDF : 33545.2/89

- sign -36.454 ± 0.088 χ^2/NDF : 19375.4/45

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: -59.758 $\pm$ 0.456 χ^2 /NDF: 2576.5/22

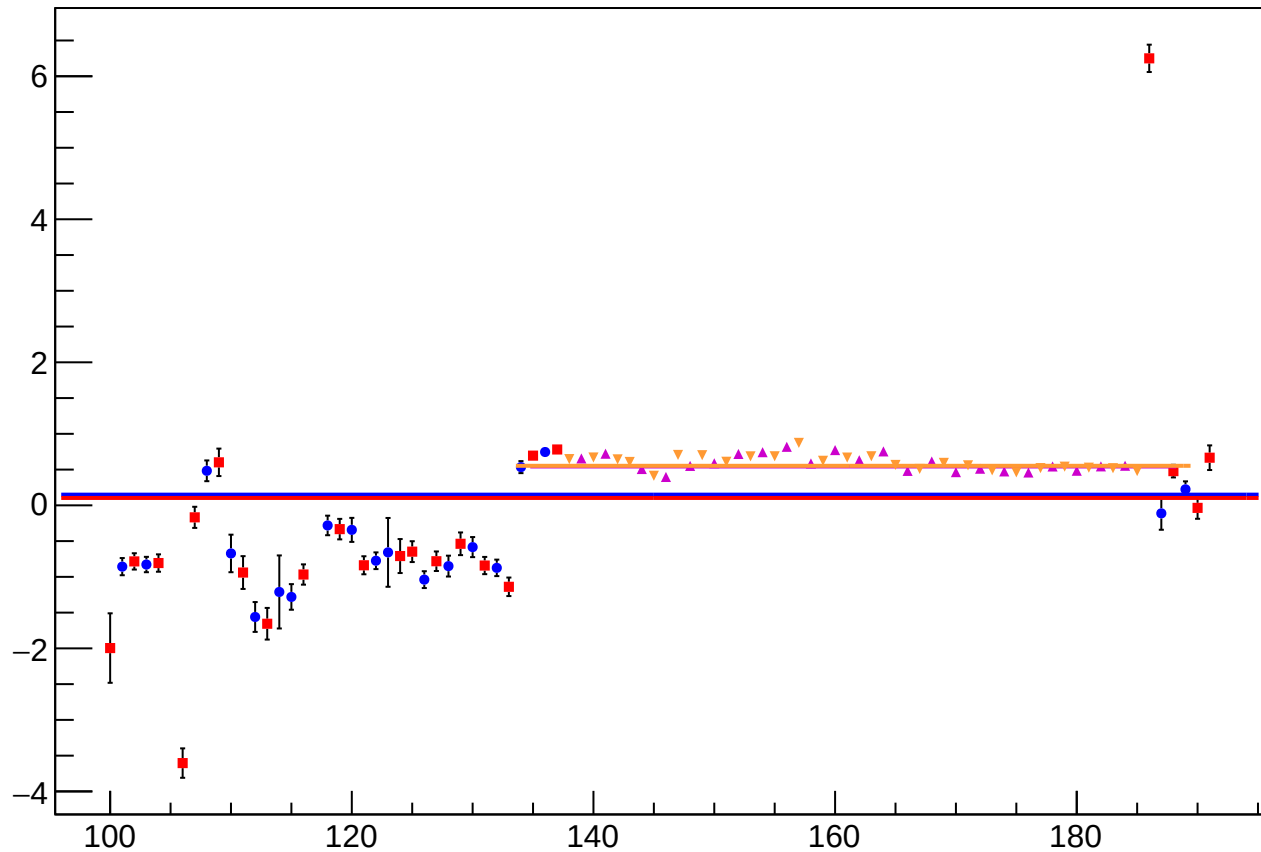
Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

+ sign -31.488 $\pm$ 0.080 χ^2 /NDF: 15600.4/43

All: -31.150 $\pm$ 0.057 χ^2 /NDF: 29518.1/89

- sign -30.804 $\pm$ 0.081 χ^2 /NDF: 13881.6/45

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.150 $\pm$ 0.023 χ^2 /NDF: 991.7/18

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF: 542.9/24

Right Out: 0.103 $\pm$ 0.024 χ^2 /NDF: 2267.4/22

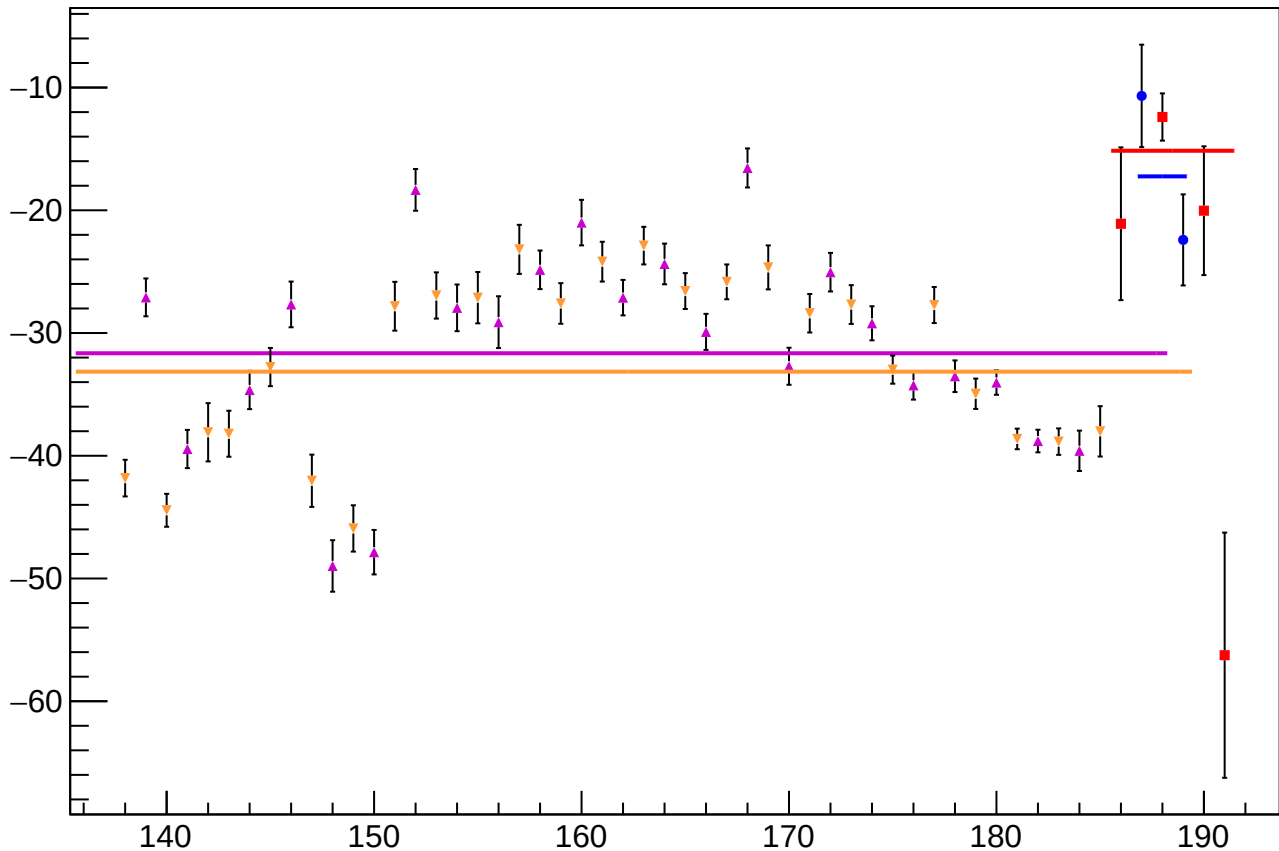
Left In: 0.544 $\pm$ 0.004 χ^2 /NDF: 659.2/22

+ sign 0.543 $\pm$ 0.004 χ^2 /NDF: 1826.5/43

All: 0.538 $\pm$ 0.003 χ^2 /NDF: 5076.1/89

- sign 0.533 $\pm$ 0.004 χ^2 /NDF: 3246.1/45

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -17.237 ± 2.774 $\chi^2/\text{NDF}: 4.4/1$

Left Out: -33.148 ± 0.301 $\chi^2/\text{NDF}: 500.0/24$

Right Out: -15.150 ± 1.709 $\chi^2/\text{NDF}: 20.8/3$

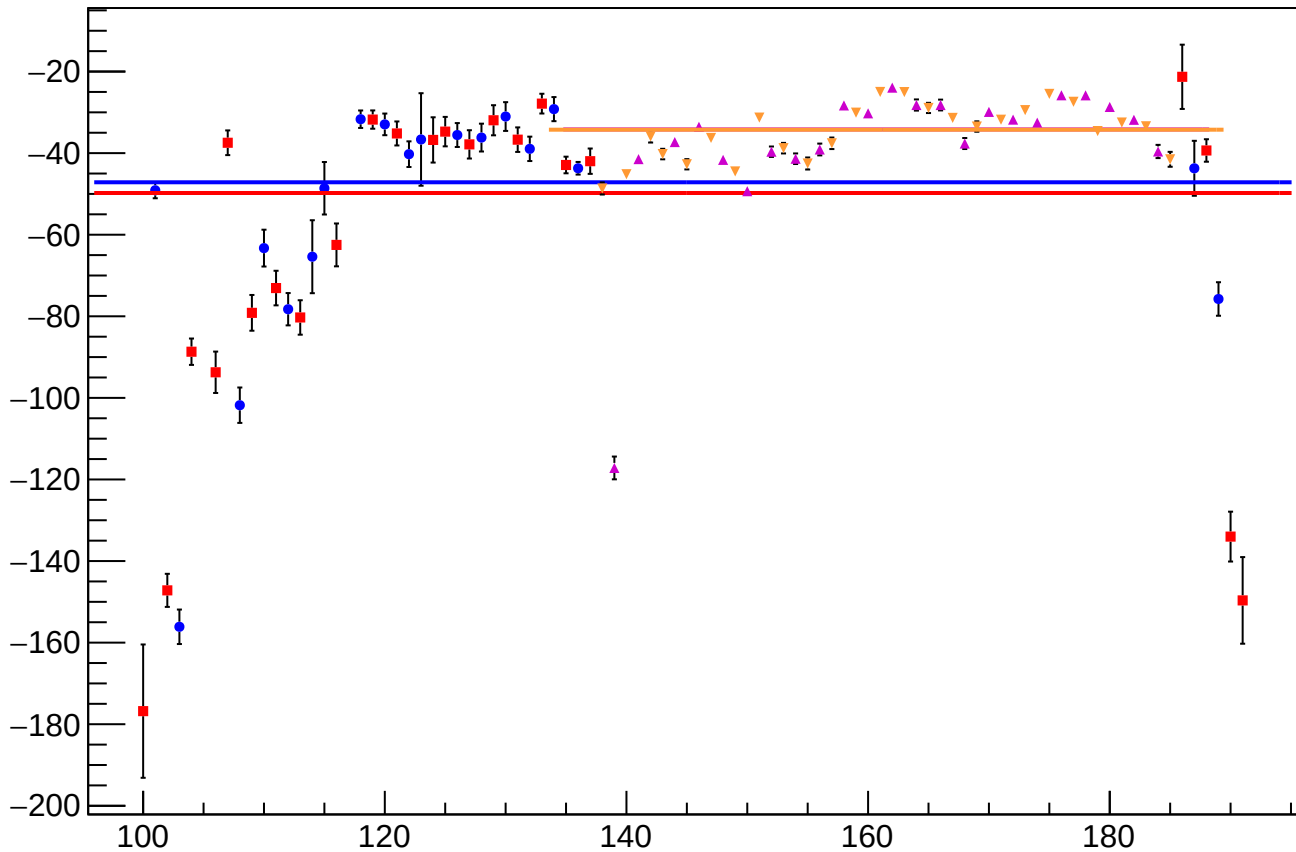
Left In: -31.647 ± 0.308 $\chi^2/\text{NDF}: 546.9/22$

+ sign -32.963 ± 0.299 $\chi^2/\text{NDF}: 536.9/26$

All: -32.058 ± 0.213 $\chi^2/\text{NDF}: 1213.4/53$

- sign -31.130 ± 0.303 $\chi^2/\text{NDF}: 657.9/26$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -47.146 ± 0.708 χ^2/NDF : 1134.1/18

Left Out: -34.256 ± 0.242 χ^2/NDF : 693.3/24

Right Out: -49.772 ± 0.726 χ^2/NDF : 1578.4/22

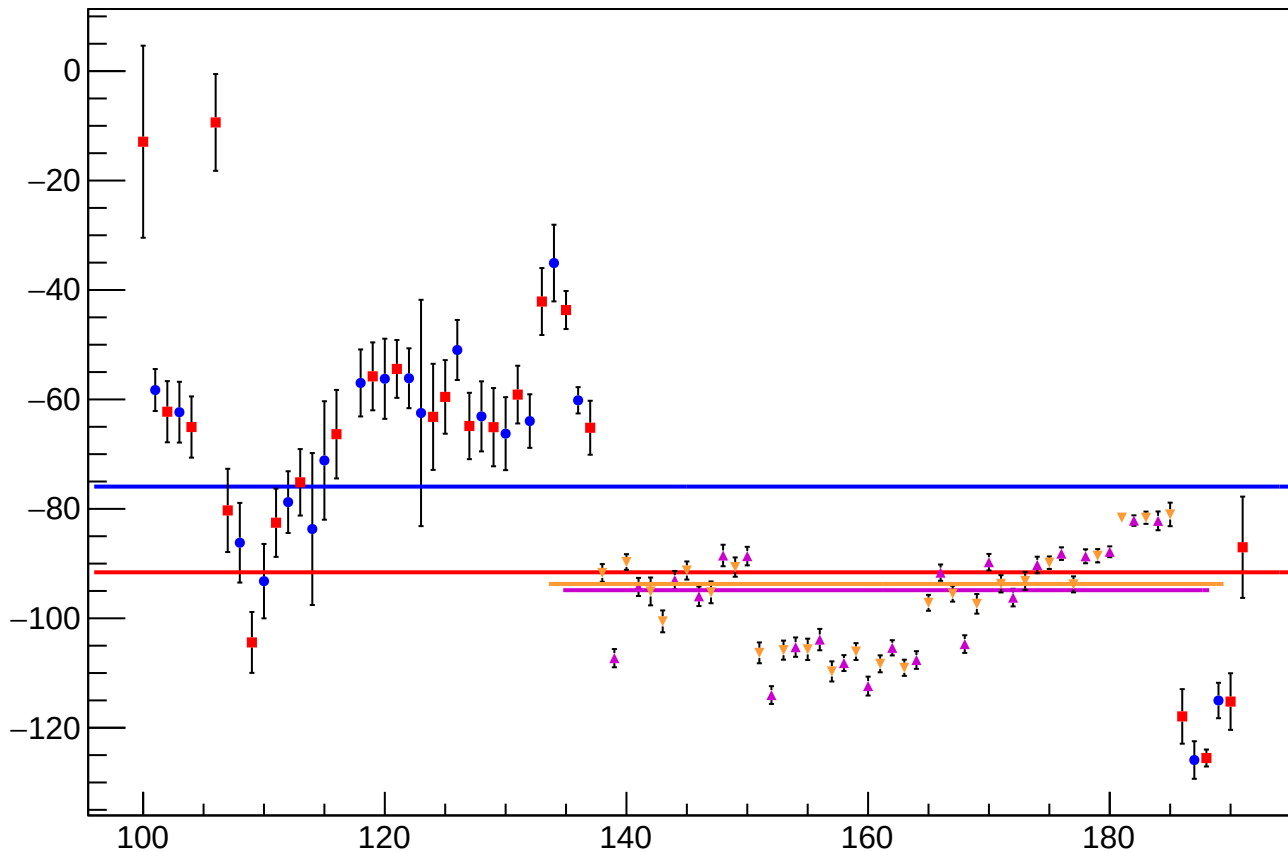
Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

+ sign -35.606 ± 0.229 χ^2/NDF : 2124.3/43

All: -35.721 ± 0.165 χ^2/NDF : 5661.2/89

- sign -35.844 ± 0.237 χ^2/NDF : 3536.4/45

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -75.928 ± 1.145 χ^2/NDF : 534.4/18

Left Out: -93.719 ± 0.302 χ^2/NDF : 878.2/24

Right Out: -91.589 ± 0.985 χ^2/NDF : 1180.7/22

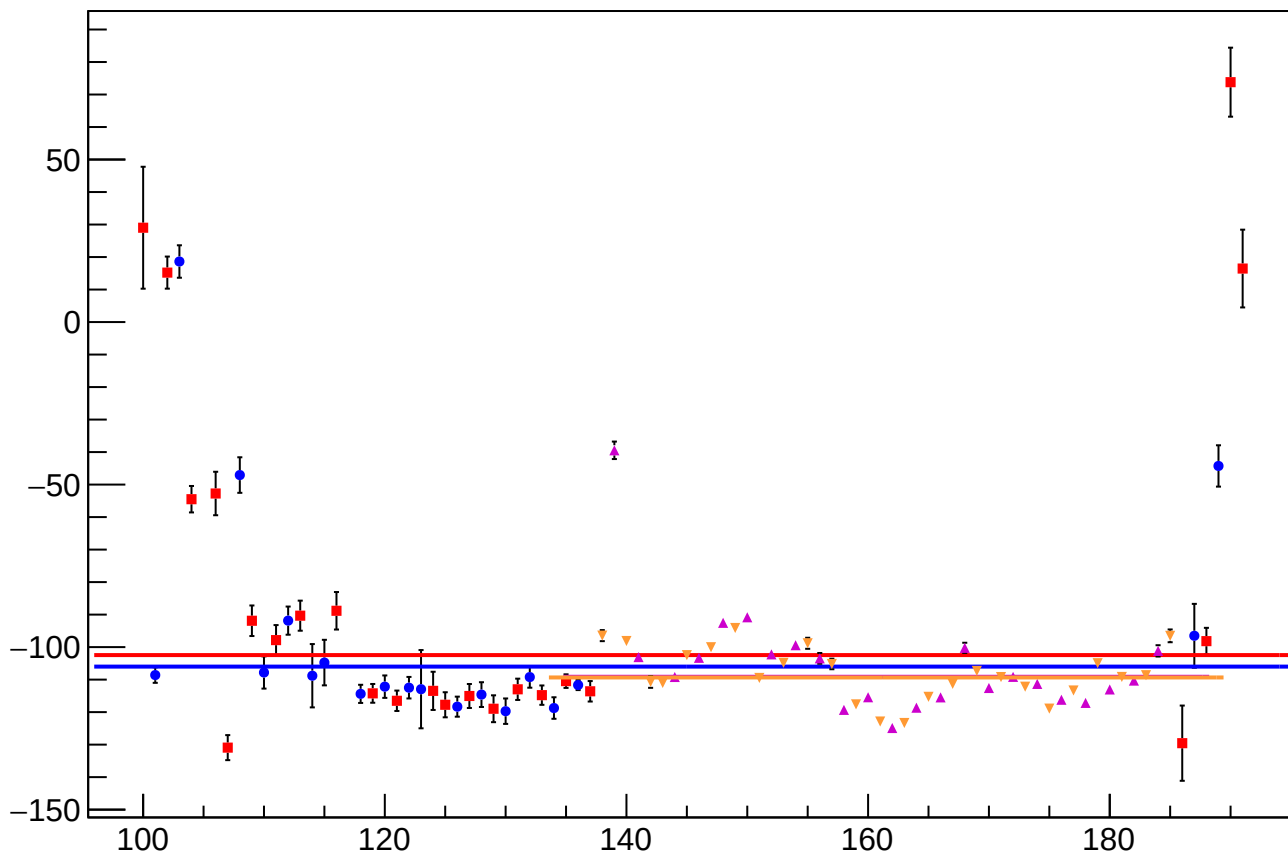
Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

+ sign -92.560 ± 0.292 χ^2/NDF : 1638.3/43

All: -93.561 ± 0.207 χ^2/NDF : 3838.1/89

- sign -94.570 ± 0.293 χ^2/NDF : 2176.3/45

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -105.997 ± 0.802 χ^2/NDF : 925.2/18

Left Out: -109.338 ± 0.272 χ^2/NDF : 826.2/24

Right Out: -102.454 ± 0.836 χ^2/NDF : 1404.2/22

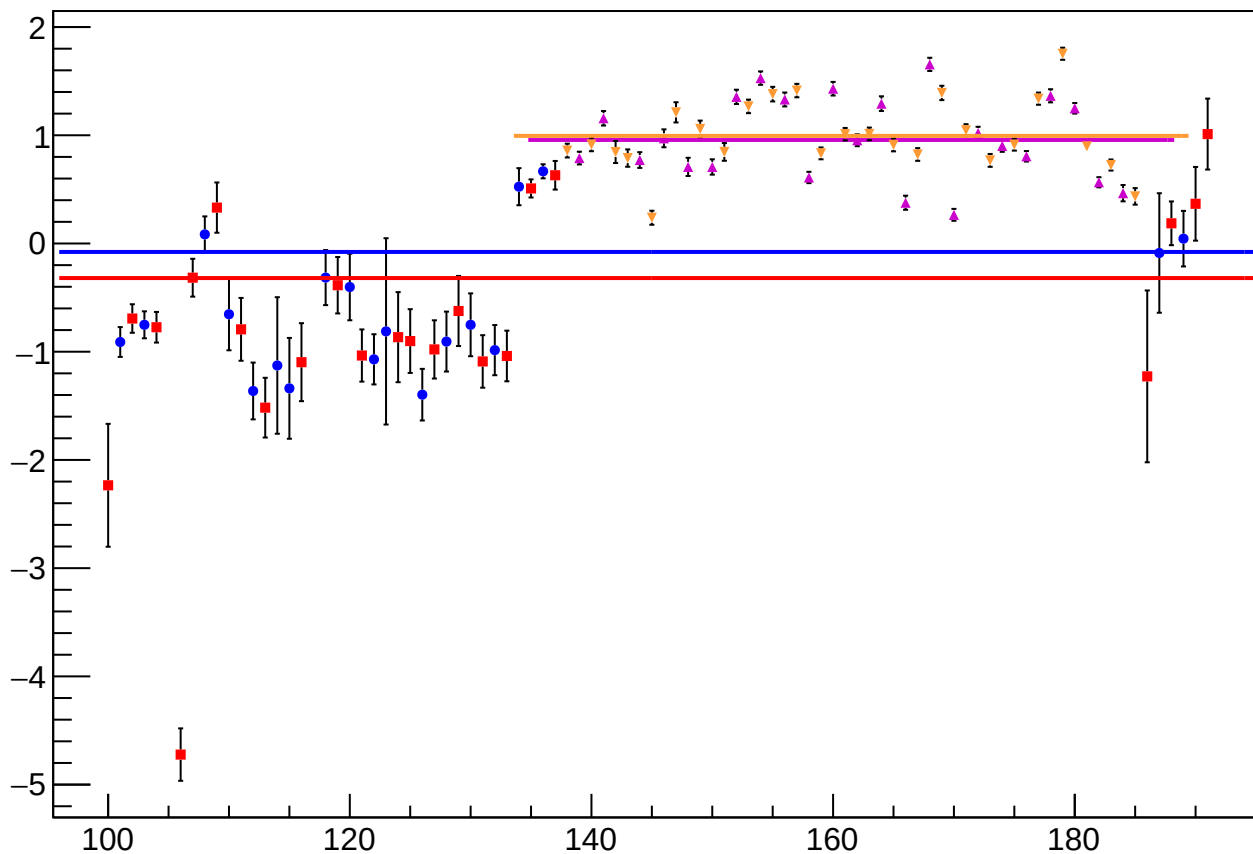
Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

+ sign -108.994 ± 0.257 χ^2/NDF : 1767.0/43

All: -108.733 ± 0.185 χ^2/NDF : 4809.4/89

- sign -108.457 ± 0.265 χ^2/NDF : 3040.2/45

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: -0.319 ± 0.042 χ^2/NDF : 612.8/22

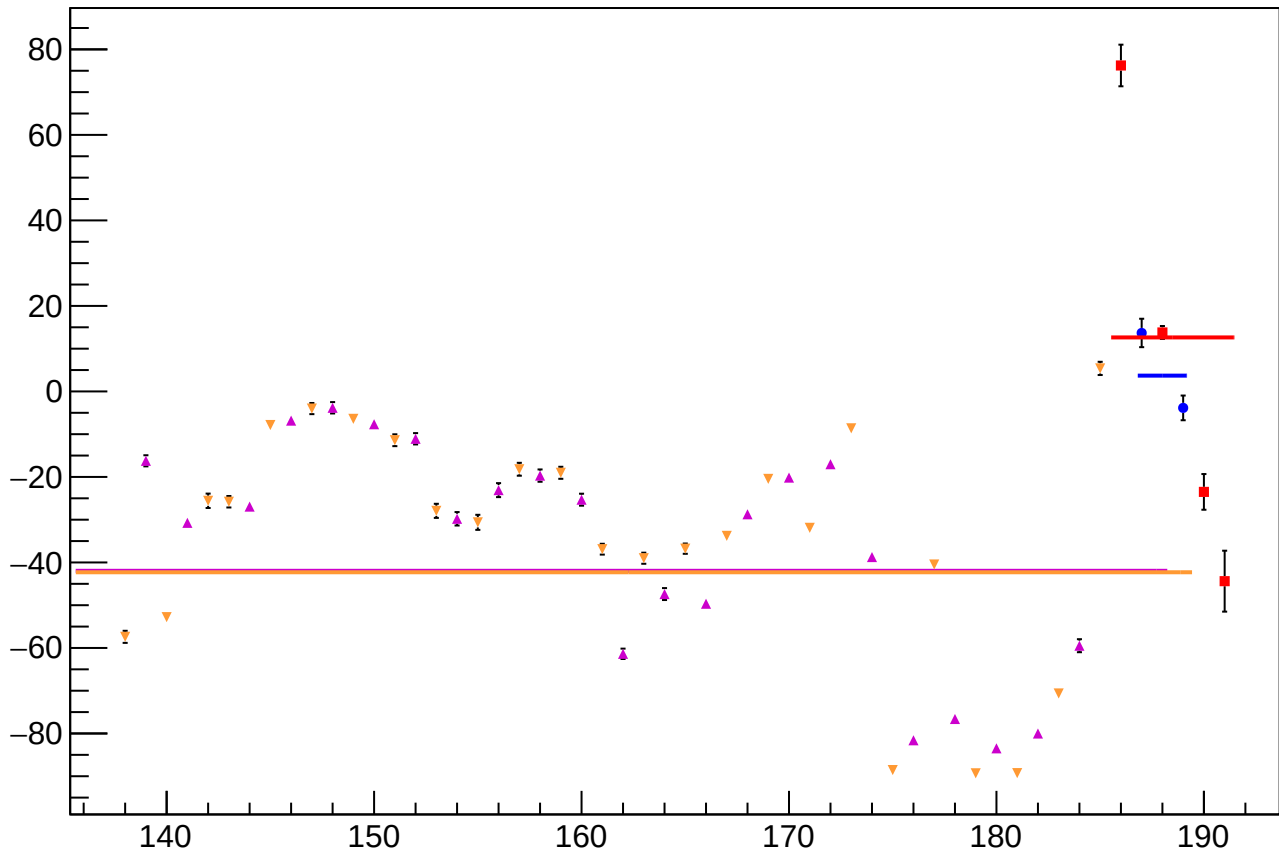
Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

+ sign 0.906 ± 0.012 χ^2/NDF : 1577.8/43

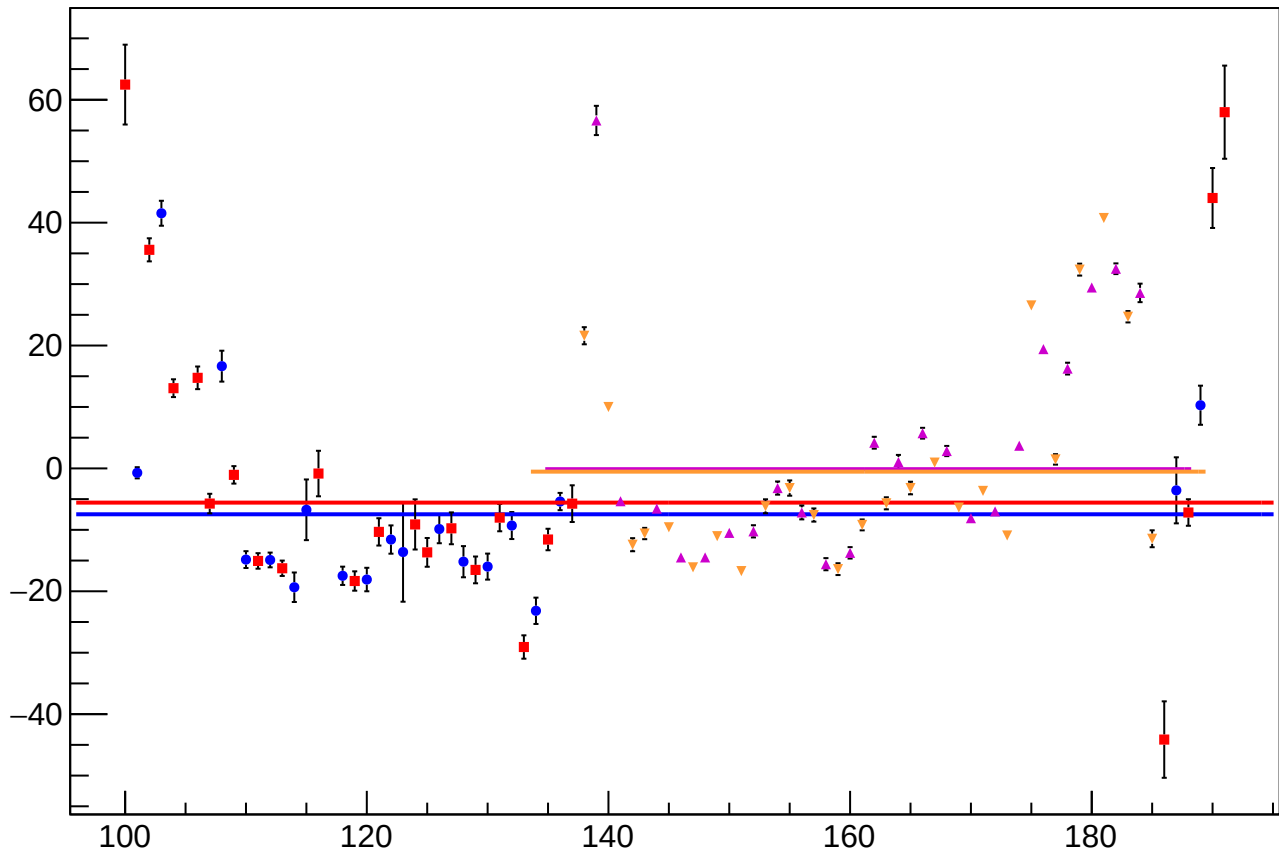
All: 0.880 ± 0.008 χ^2/NDF : 3939.1/89

- sign 0.852 ± 0.012 χ^2/NDF : 2351.2/45

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



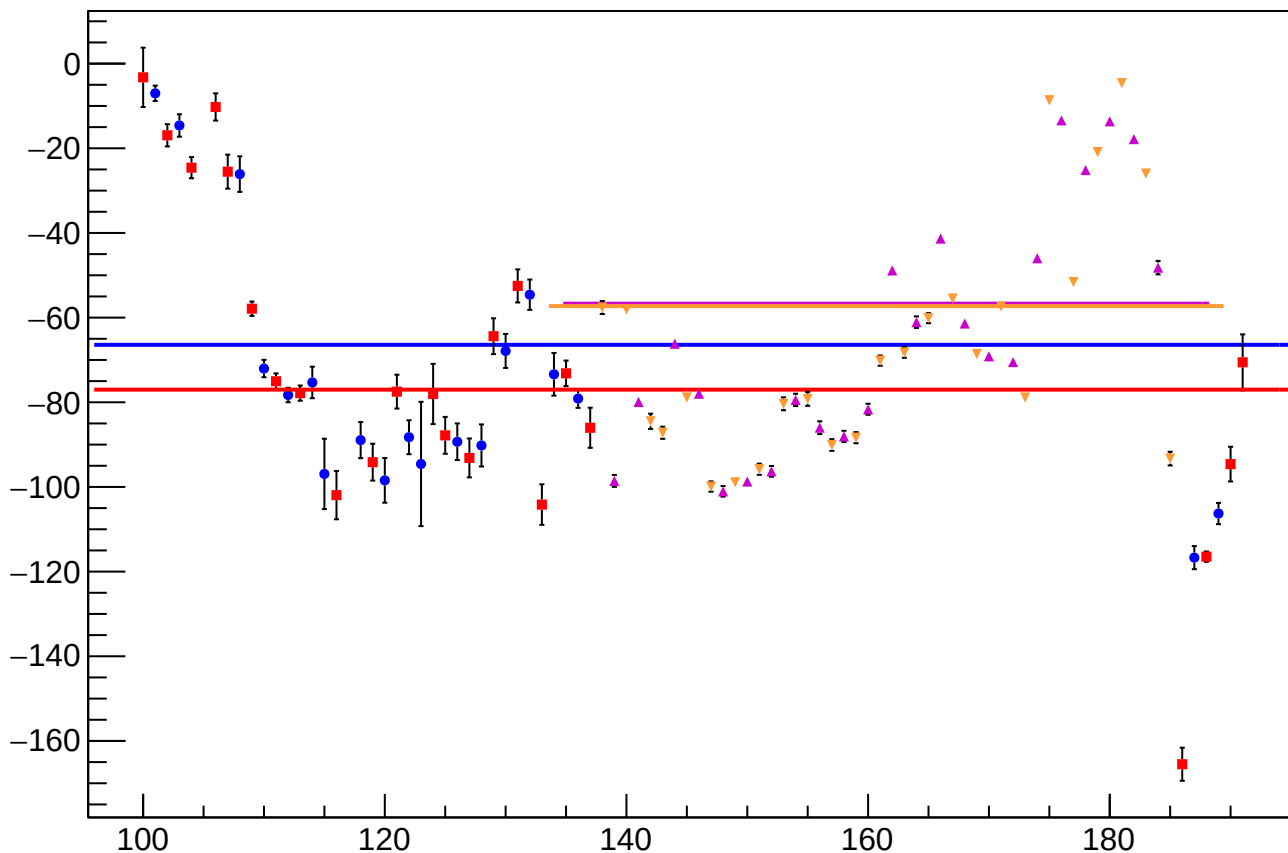
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.468 ± 0.422 $\chi^2/\text{NDF}: 1015.0/18$
 Left Out: -0.527 ± 0.175 $\chi^2/\text{NDF}: 8707.9/24$
 Right Out: -5.568 ± 0.418 $\chi^2/\text{NDF}: 1506.2/22$
 Left In: -0.125 ± 0.179 $\chi^2/\text{NDF}: 6925.0/22$

+ sign -1.542 ± 0.161 $\chi^2/\text{NDF}: 9953.6/43$
 All: -1.259 ± 0.115 $\chi^2/\text{NDF}: 18534.6/89$
 - sign -0.966 ± 0.164 $\chi^2/\text{NDF}: 8574.8/45$

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: -77.014 ± 0.594 χ^2/NDF : 3513.8/22

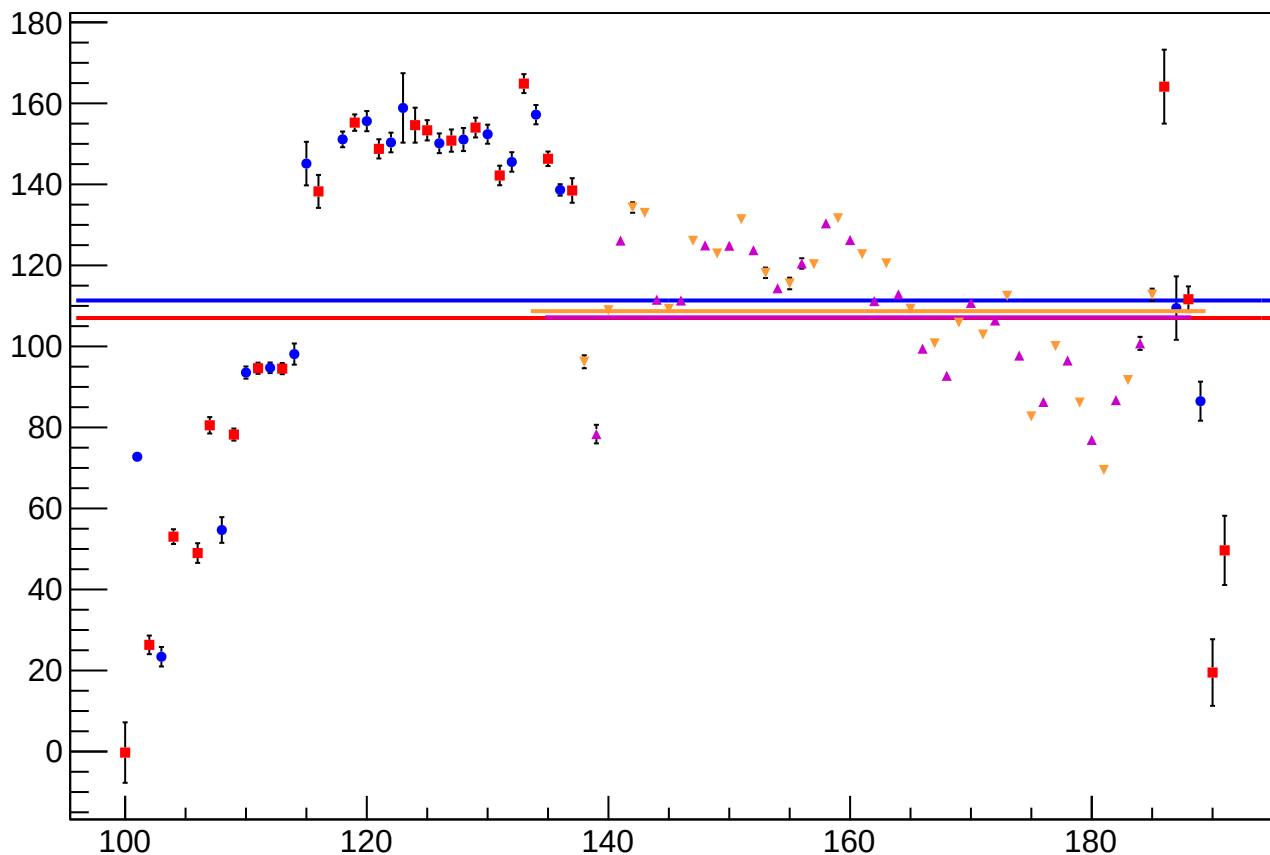
Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

+ sign -58.145 ± 0.213 χ^2/NDF : 21074.6/43

All: -58.715 ± 0.150 χ^2/NDF : 42172.7/89

- sign -59.277 ± 0.211 χ^2/NDF : 21083.8/45

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: 107.015 $\pm$ 0.480 χ^2 /NDF: 7237.4/22

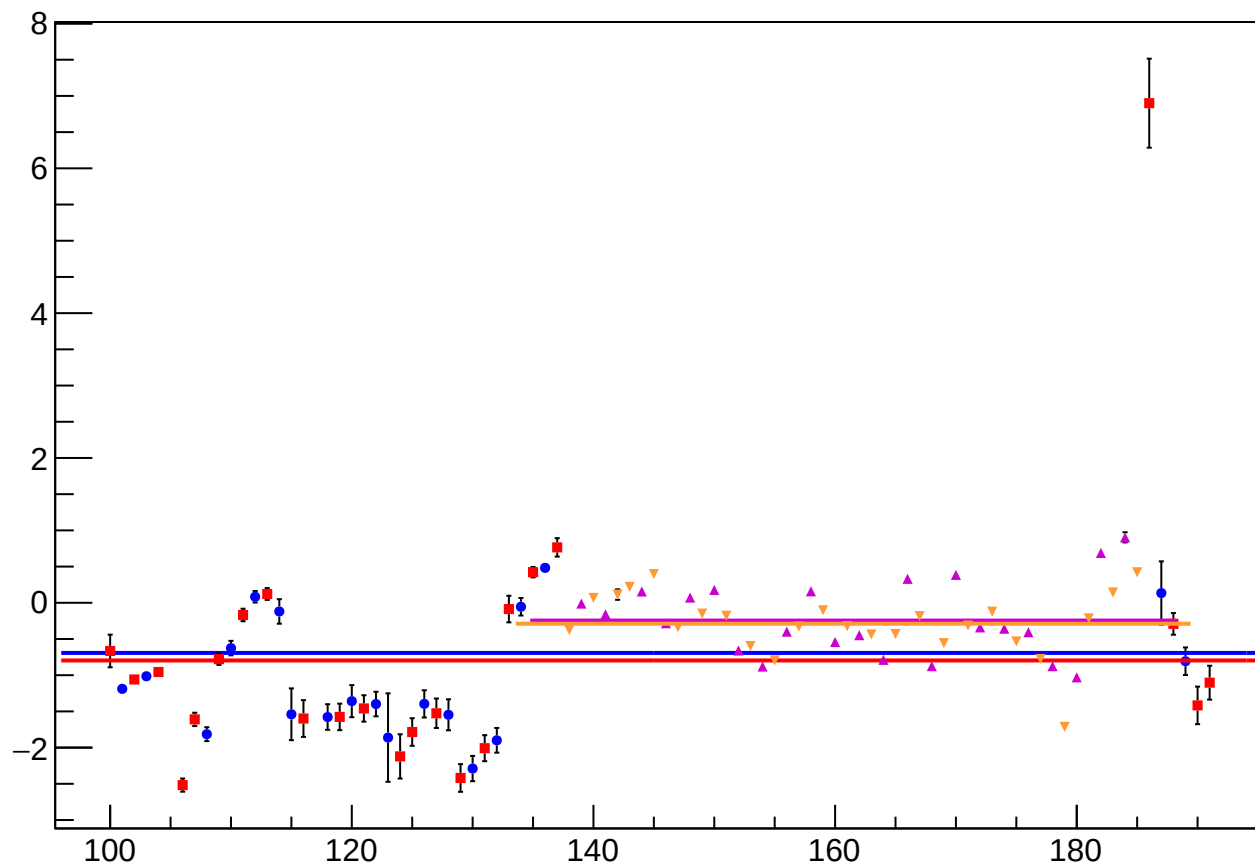
Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

+ sign 109.086 $\pm$ 0.183 χ^2 /NDF: 13308.8/43

All: 108.136 $\pm$ 0.130 χ^2 /NDF: 26193.3/89

- sign 107.155 $\pm$ 0.186 χ^2 /NDF: 12829.8/45

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: -0.796 ± 0.024 χ^2/NDF : 1486.7/22

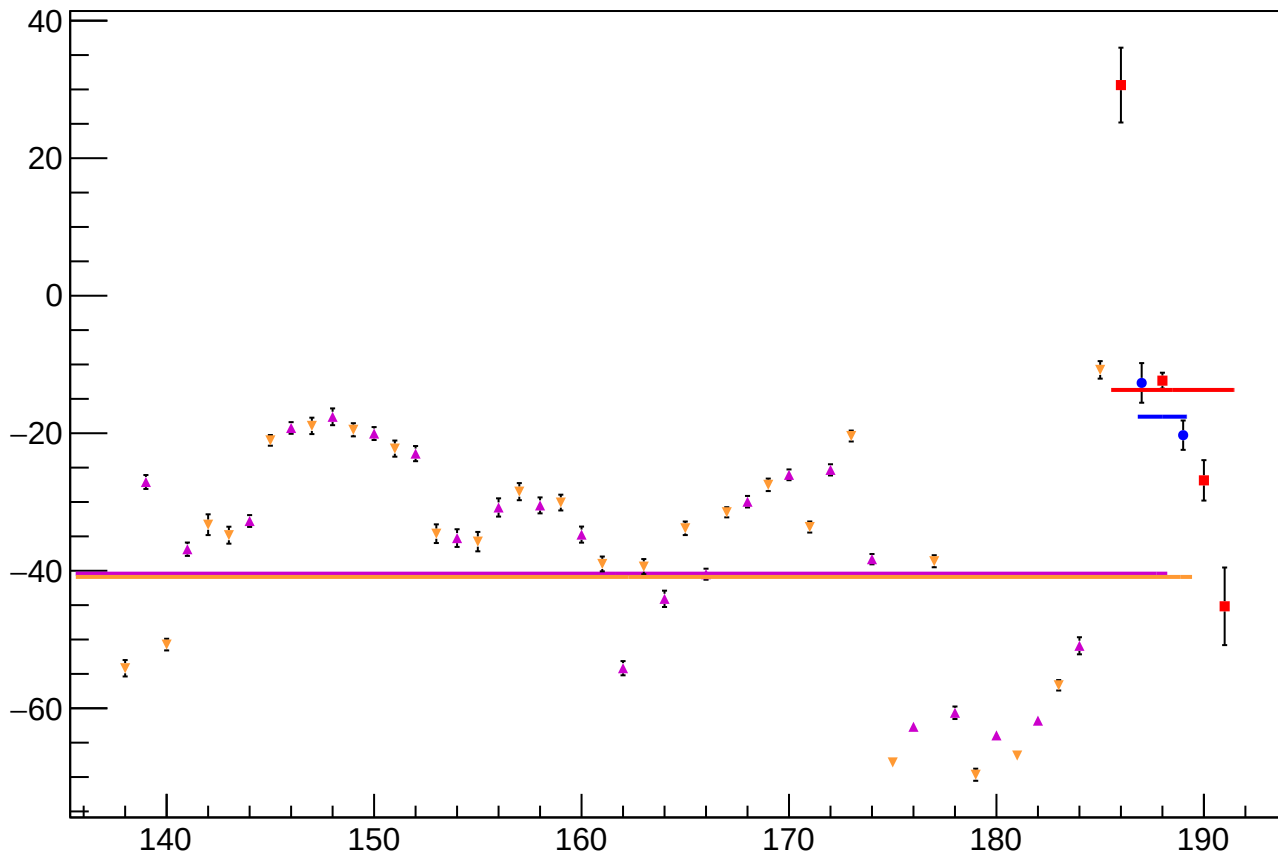
Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

+ sign -0.334 ± 0.009 χ^2/NDF : 3258.9/43

All: -0.326 ± 0.006 χ^2/NDF : 8018.1/89

- sign -0.317 ± 0.009 χ^2/NDF : 4757.3/45

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -17.592 ± 1.715 $\chi^2/\text{NDF}: 4.5/1$

Left Out: -40.897 ± 0.186 $\chi^2/\text{NDF}: 9114.7/24$

Right Out: -13.702 ± 1.037 $\chi^2/\text{NDF}: 118.9/3$

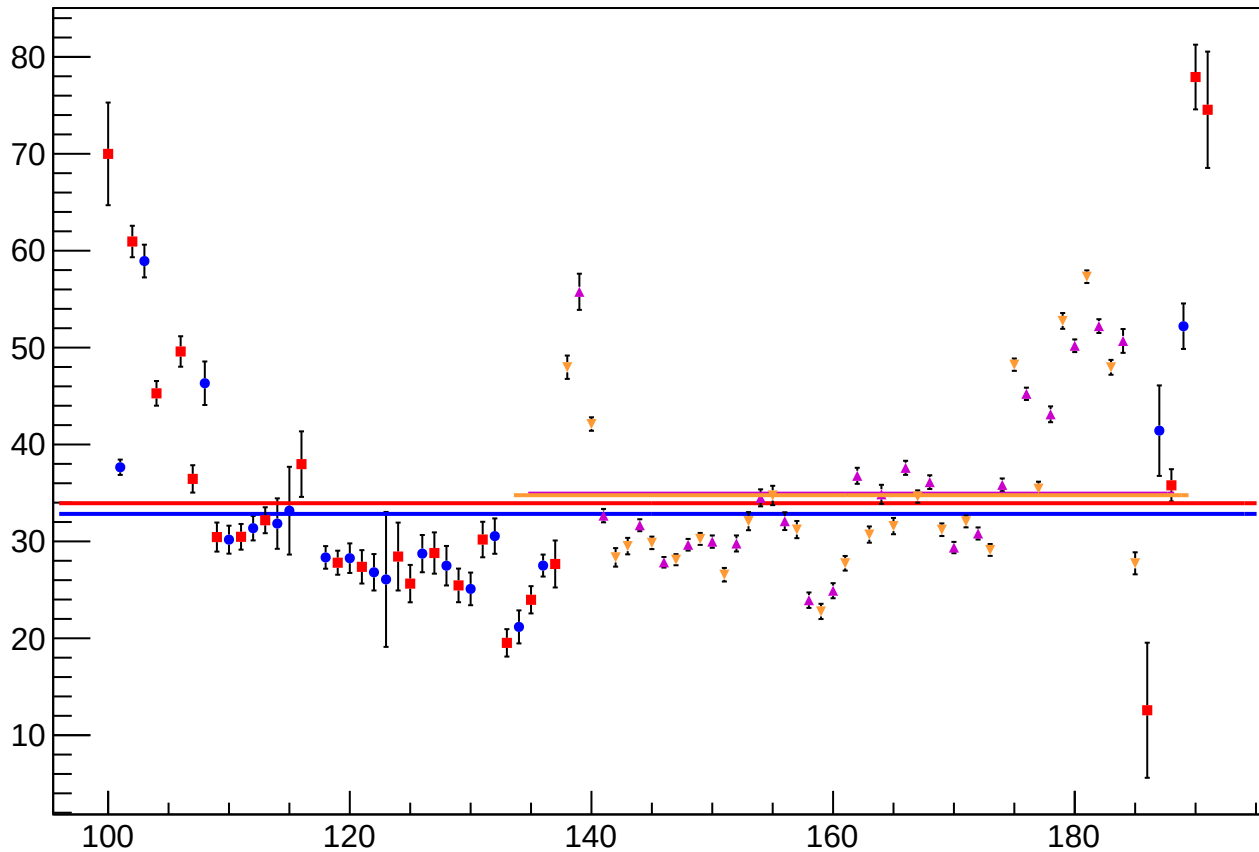
Left In: -40.422 ± 0.189 $\chi^2/\text{NDF}: 7030.2/22$

+ sign -40.625 ± 0.185 $\chi^2/\text{NDF}: 9301.7/26$

All: -40.095 ± 0.131 $\chi^2/\text{NDF}: 17110.1/53$

- sign -39.563 ± 0.186 $\chi^2/\text{NDF}: 7792.0/26$

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: 33.940 $\pm$ 0.366 χ^2 /NDF: 1004.1/22

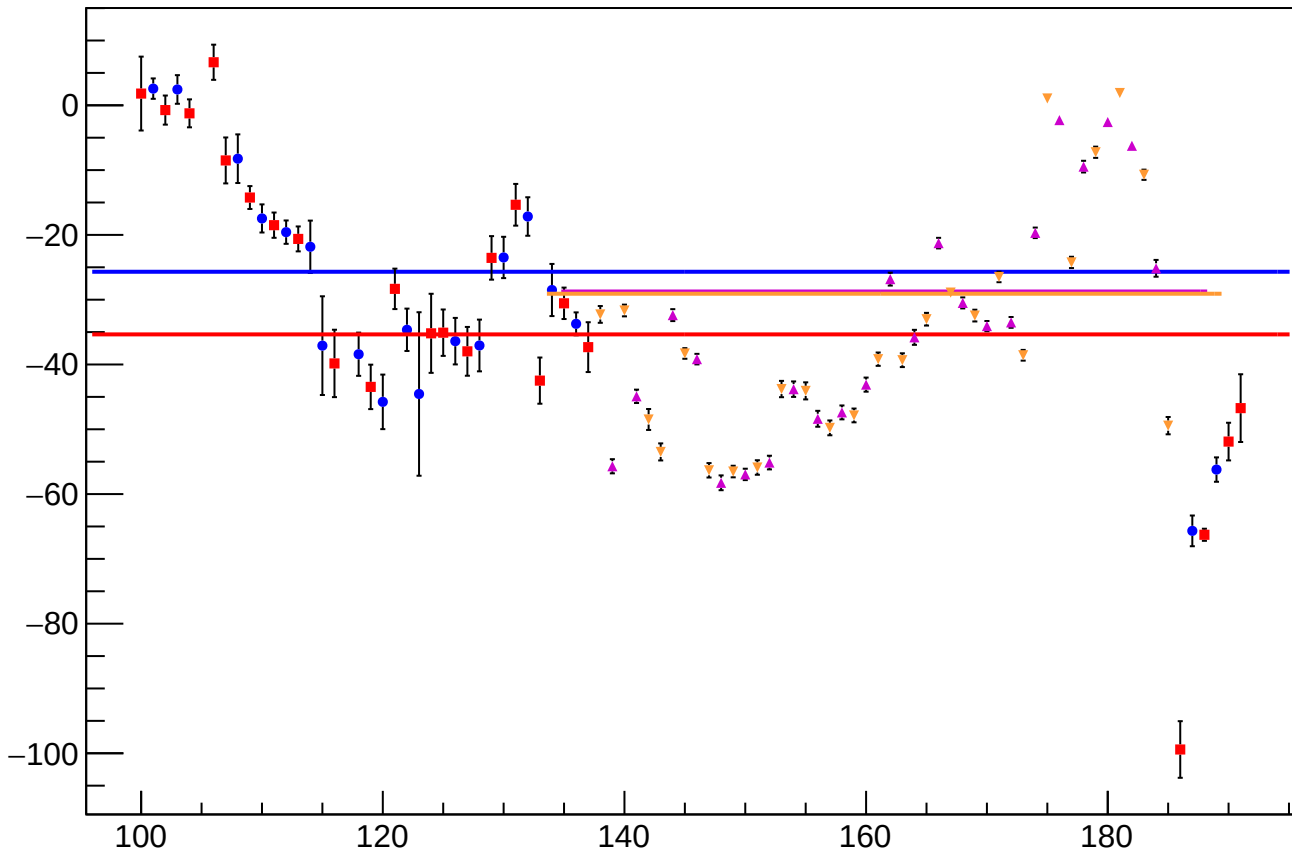
Left In: 34.928 $\pm$ 0.151 χ^2 /NDF: 2688.4/22

+ sign 34.498 $\pm$ 0.137 χ^2 /NDF: 4227.0/43

All: 34.639 $\pm$ 0.098 χ^2 /NDF: 7927.9/89

- sign 34.784 $\pm$ 0.140 χ^2 /NDF: 3698.8/45

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -25.689 $\pm$ 0.606 χ^2/NDF : 1177.1/18

Left Out: -29.080 $\pm$ 0.187 χ^2/NDF : 10059.5/24

Right Out: -35.355 $\pm$ 0.515 χ^2/NDF : 2522.6/22

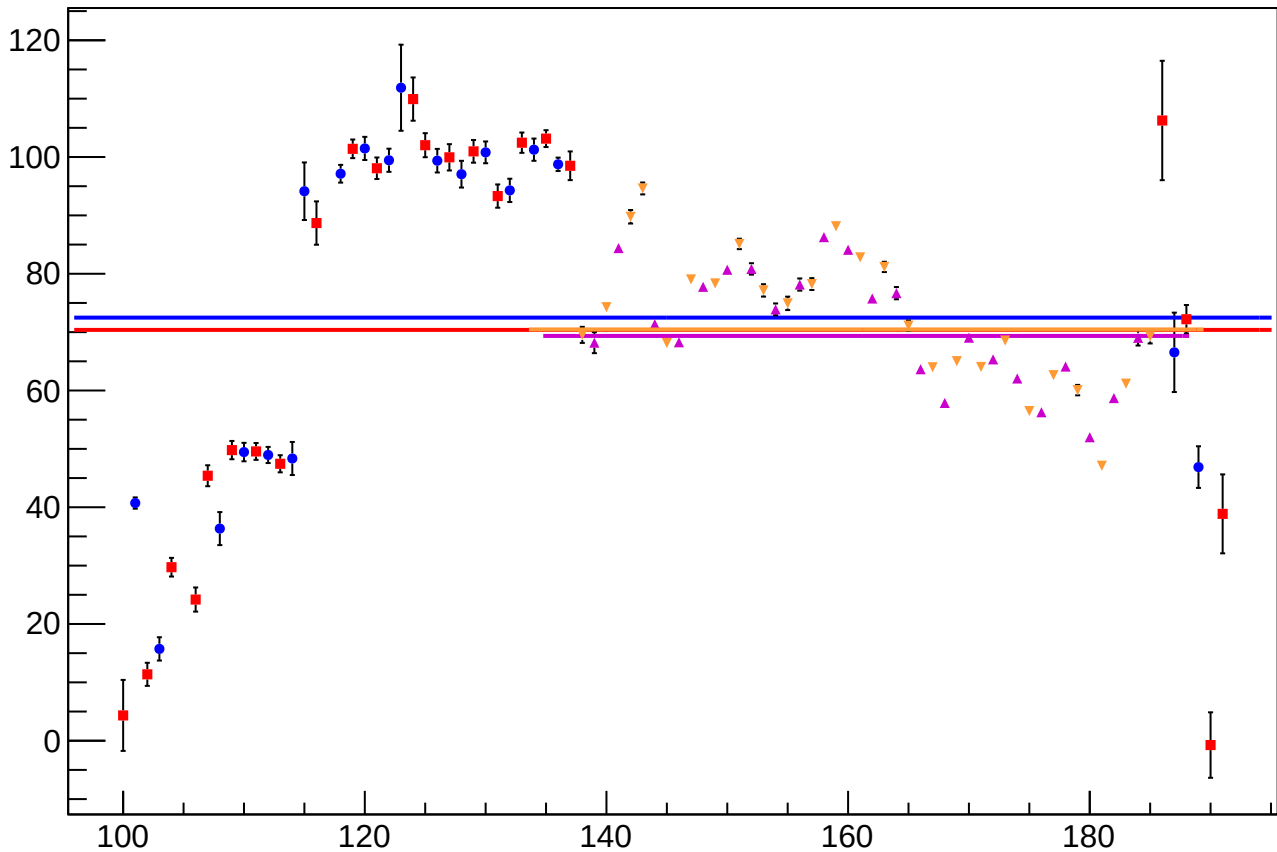
Left In: -28.735 $\pm$ 0.189 χ^2/NDF : 9155.5/22

+ sign -28.785 $\pm$ 0.179 χ^2/NDF : 11265.1/43

All: -29.156 $\pm$ 0.126 χ^2/NDF : 23097.2/89

- sign -29.520 $\pm$ 0.177 χ^2/NDF : 11823.6/45

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.487 ± 0.422 χ^2/NDF : 4791.0/18

Left Out: 70.450 ± 0.167 χ^2/NDF : 4484.7/24

Right Out: 70.384 ± 0.424 χ^2/NDF : 5685.7/22

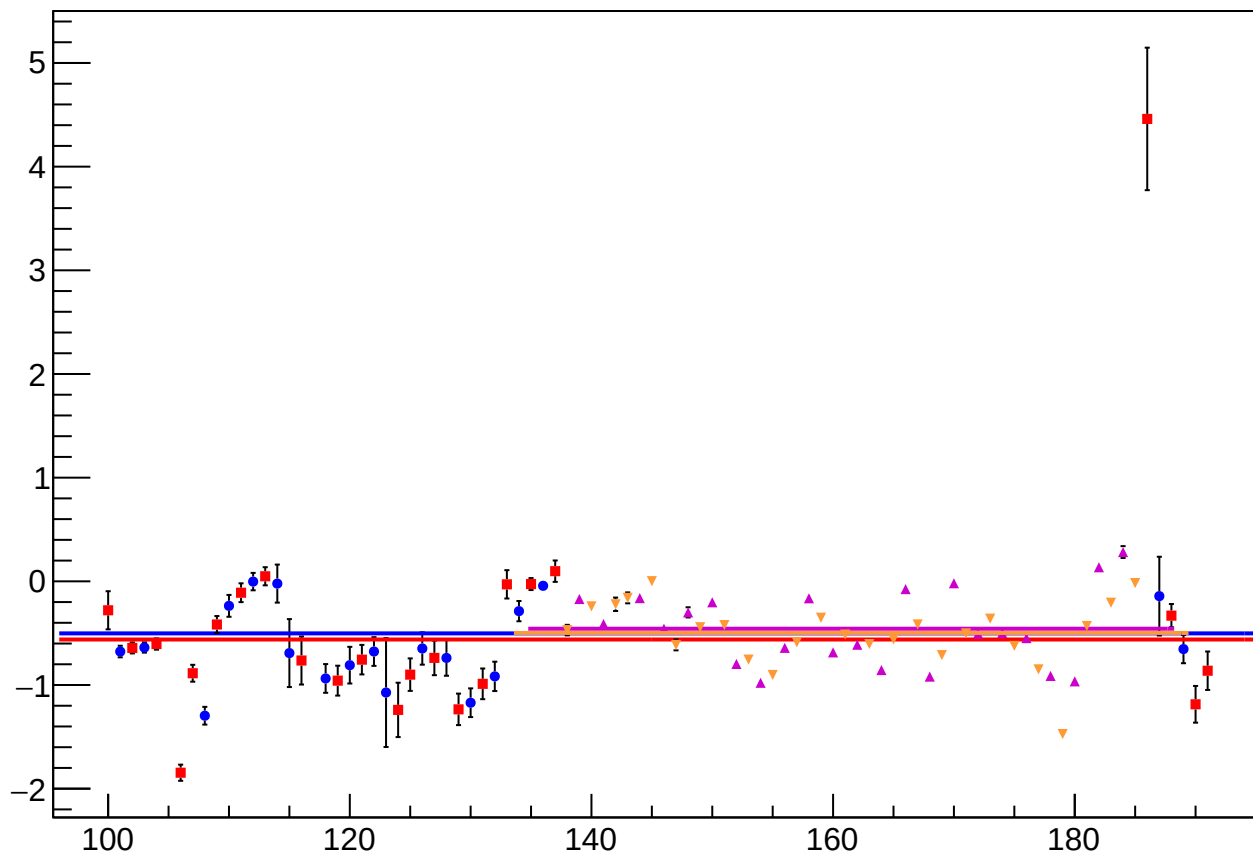
Left In: 69.350 ± 0.170 χ^2/NDF : 3330.7/22

+ sign 70.724 ± 0.155 χ^2/NDF : 9295.9/43

All: 70.119 ± 0.110 χ^2/NDF : 18348.5/89

- sign 69.493 ± 0.158 χ^2/NDF : 9021.5/45

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: -0.561 ± 0.021 χ^2/NDF : 635.0/22

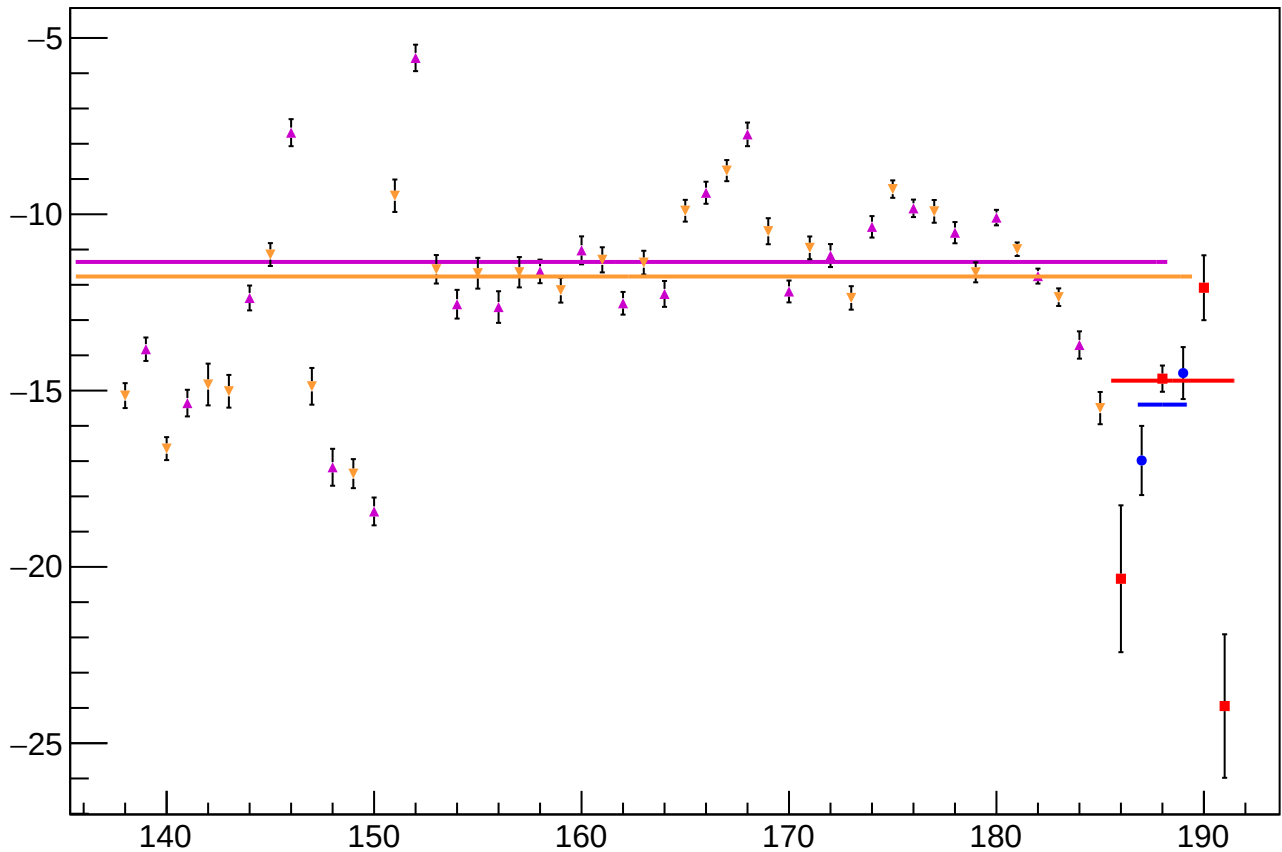
Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

+ sign -0.498 ± 0.007 χ^2/NDF : 1746.4/43

All: -0.484 ± 0.005 χ^2/NDF : 4386.8/89

- sign -0.470 ± 0.007 χ^2/NDF : 2632.4/45

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: -14.718 ± 0.336 χ^2/NDF : 36.1/3

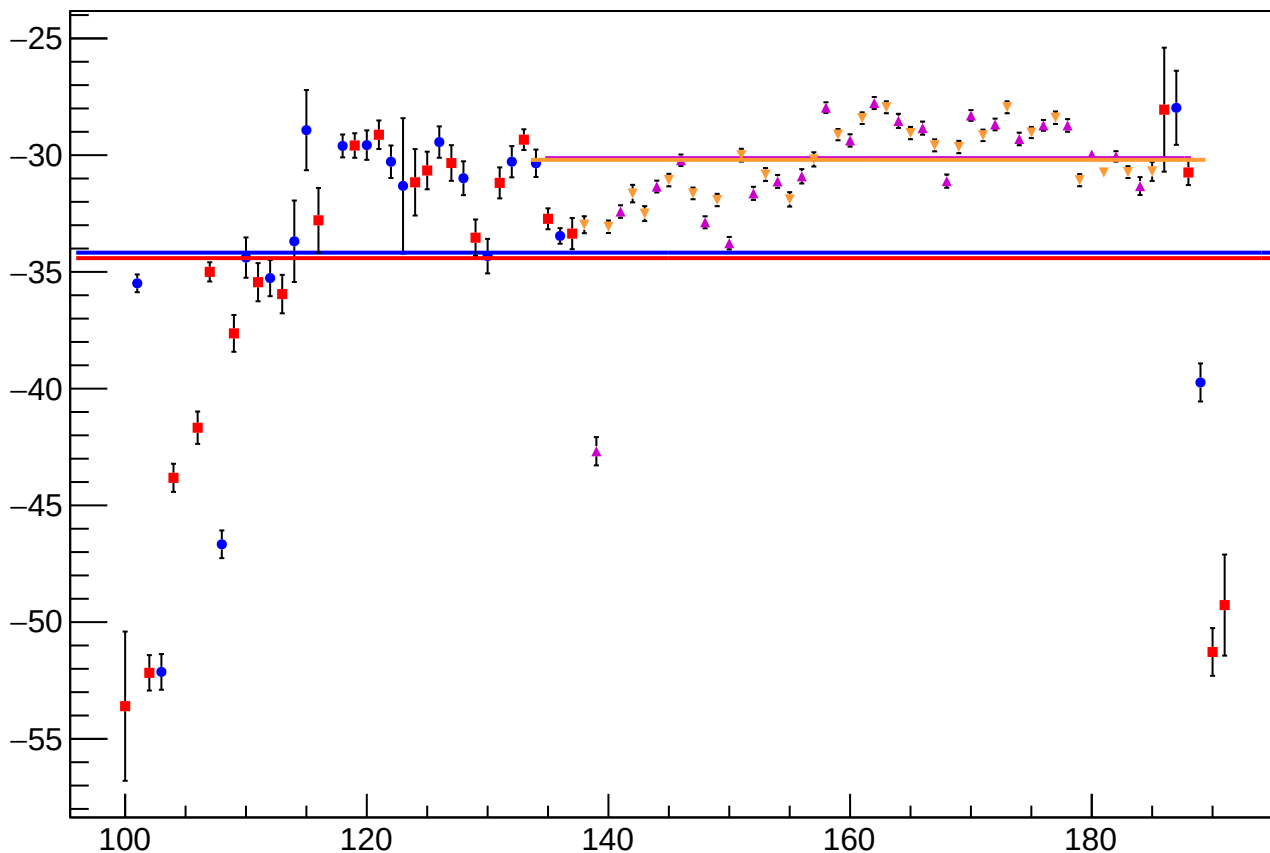
Left In: -11.352 ± 0.068 χ^2/NDF : 1280.6/22

+ sign -11.810 ± 0.066 χ^2/NDF : 1067.5/26

All: -11.647 ± 0.047 χ^2/NDF : 2493.0/53

- sign -11.483 ± 0.066 χ^2/NDF : 1413.4/26

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.176 ± 0.148 $\chi^2/\text{NDF}: 1403.4/18$

Left Out: -30.201 ± 0.054 $\chi^2/\text{NDF}: 725.7/24$

Right Out: -34.410 ± 0.143 $\chi^2/\text{NDF}: 1721.7/22$

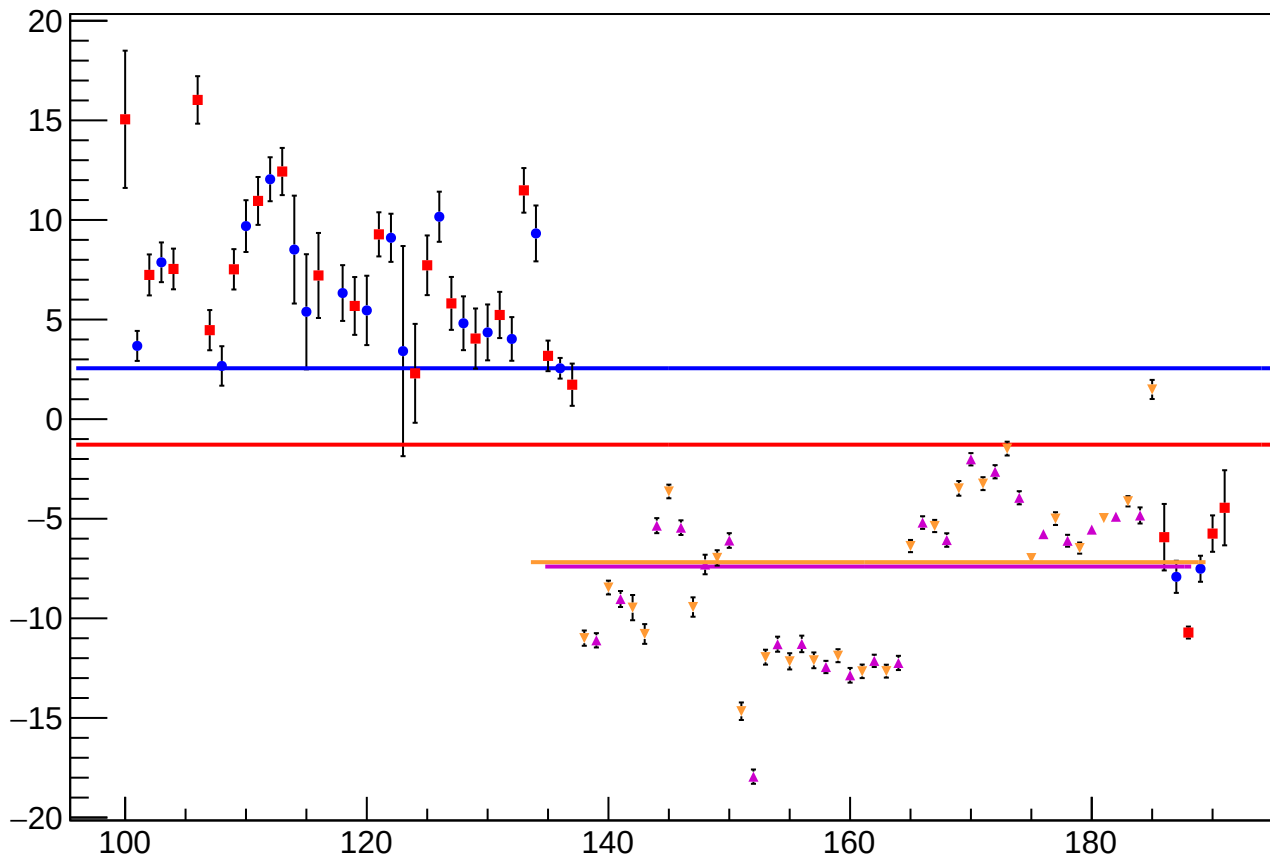
Left In: -30.128 ± 0.055 $\chi^2/\text{NDF}: 1290.4/22$

+ sign -30.670 ± 0.051 $\chi^2/\text{NDF}: 2769.4/43$

All: -30.677 ± 0.036 $\chi^2/\text{NDF}: 6558.6/89$

- sign -30.684 ± 0.052 $\chi^2/\text{NDF}: 3789.2/45$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 2.555 $\pm$ 0.238 χ^2 /NDF: 651.5/18

Left Out: -7.180 $\pm$ 0.067 χ^2 /NDF:3015.8/24

Right Out: -1.281 $\pm$ 0.195 χ^2 /NDF: 2155.6/22

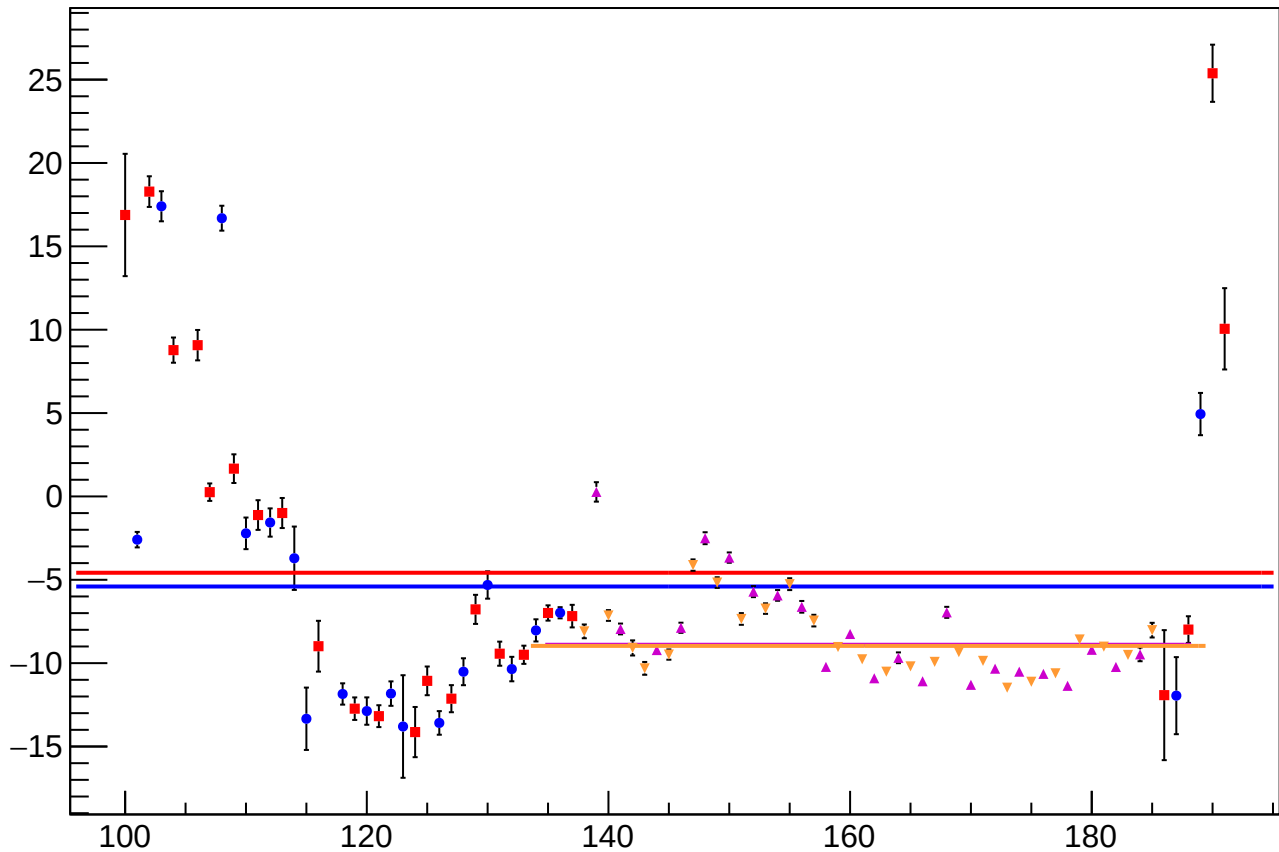
Left In: -7.400 $\pm$ 0.068 χ^2 /NDF:3134.9/22

+ sign -6.467 $\pm$ 0.064 χ^2 /NDF: 5216.4/43

All: -6.607 $\pm$ 0.045 χ^2 /NDF: 11393.5/89

- sign -6.746 $\pm$ 0.064 χ^2 /NDF: 6167.7/45

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.403 ± 0.168 $\chi^2/\text{NDF}: 2200.7/18$

Left Out: -8.965 ± 0.060 $\chi^2/\text{NDF}: 876.6/24$

Right Out: -4.578 ± 0.168 $\chi^2/\text{NDF}: 2404.8/22$

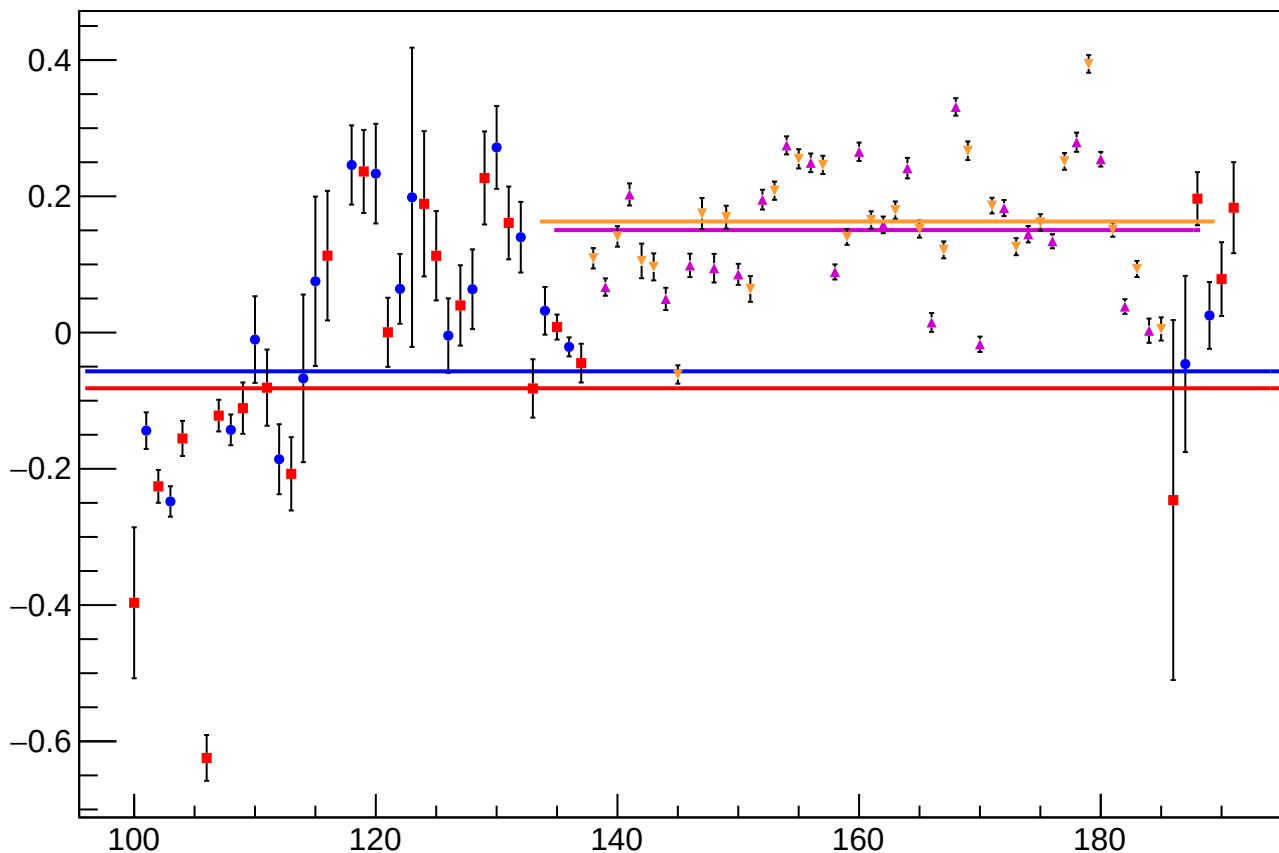
Left In: -8.898 ± 0.061 $\chi^2/\text{NDF}: 1584.0/22$

+ sign -8.558 ± 0.057 $\chi^2/\text{NDF}: 3475.9/43$

All: -8.473 ± 0.040 $\chi^2/\text{NDF}: 8055.1/89$

- sign -8.385 ± 0.058 $\chi^2/\text{NDF}: 4574.6/45$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.057±/0.008 χ^2/NDF : 220.5/18

Left Out: 0.163±/0.003 χ^2/NDF : 1011.4/24

Right Out: -0.082±/0.008 χ^2/NDF : 517.5/22

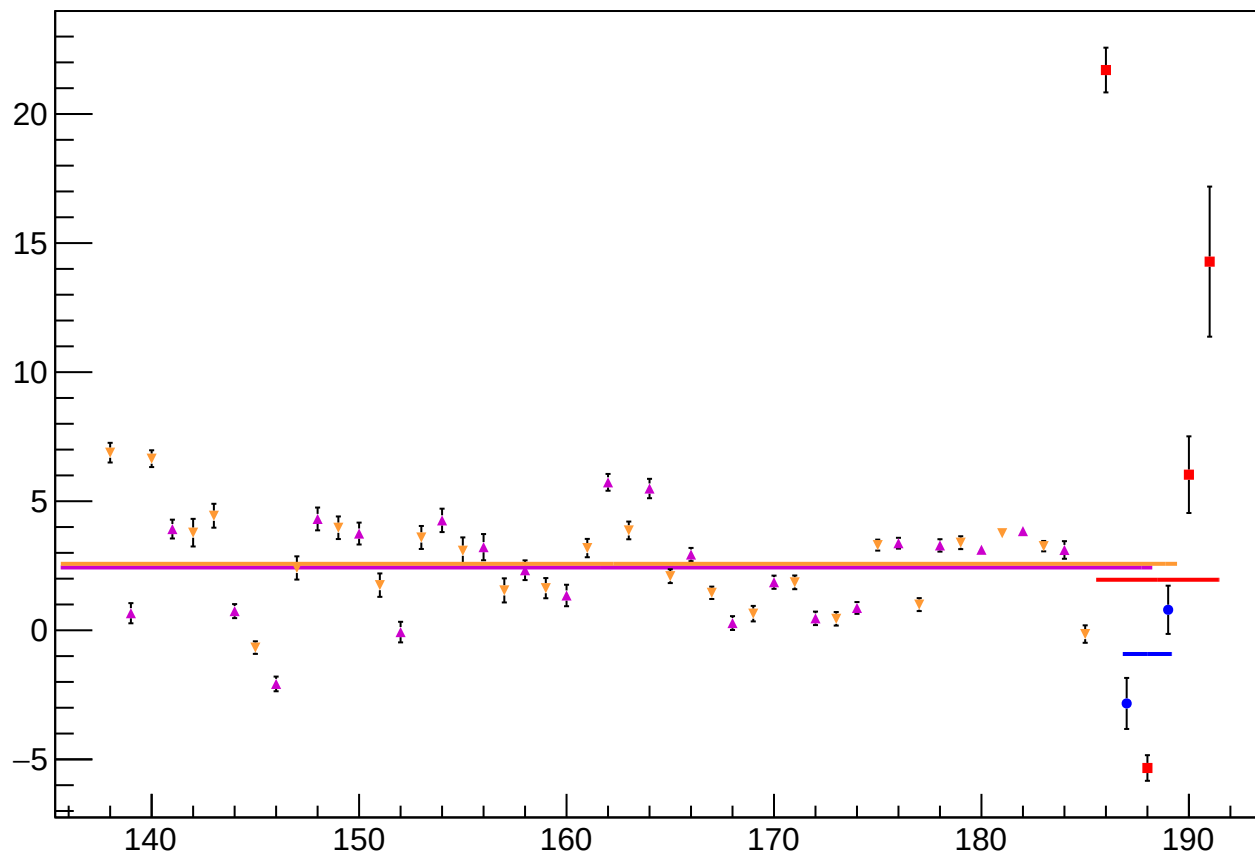
Left In: 0.150±/0.003 χ^2/NDF : 1296.5/22

+ sign 0.141±/0.003 χ^2/NDF : 1872.6/43

All: 0.134±/0.002 χ^2/NDF : 4444.7/89

- sign 0.126±/0.003 χ^2/NDF : 2555.1/45

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -0.918 ± 0.679 $\chi^2/\text{NDF}: 7.1/1$

Left Out: 2.575 ± 0.058 $\chi^2/\text{NDF}: 868.1/24$

Right Out: 1.958 ± 0.410 $\chi^2/\text{NDF}: 760.6/3$

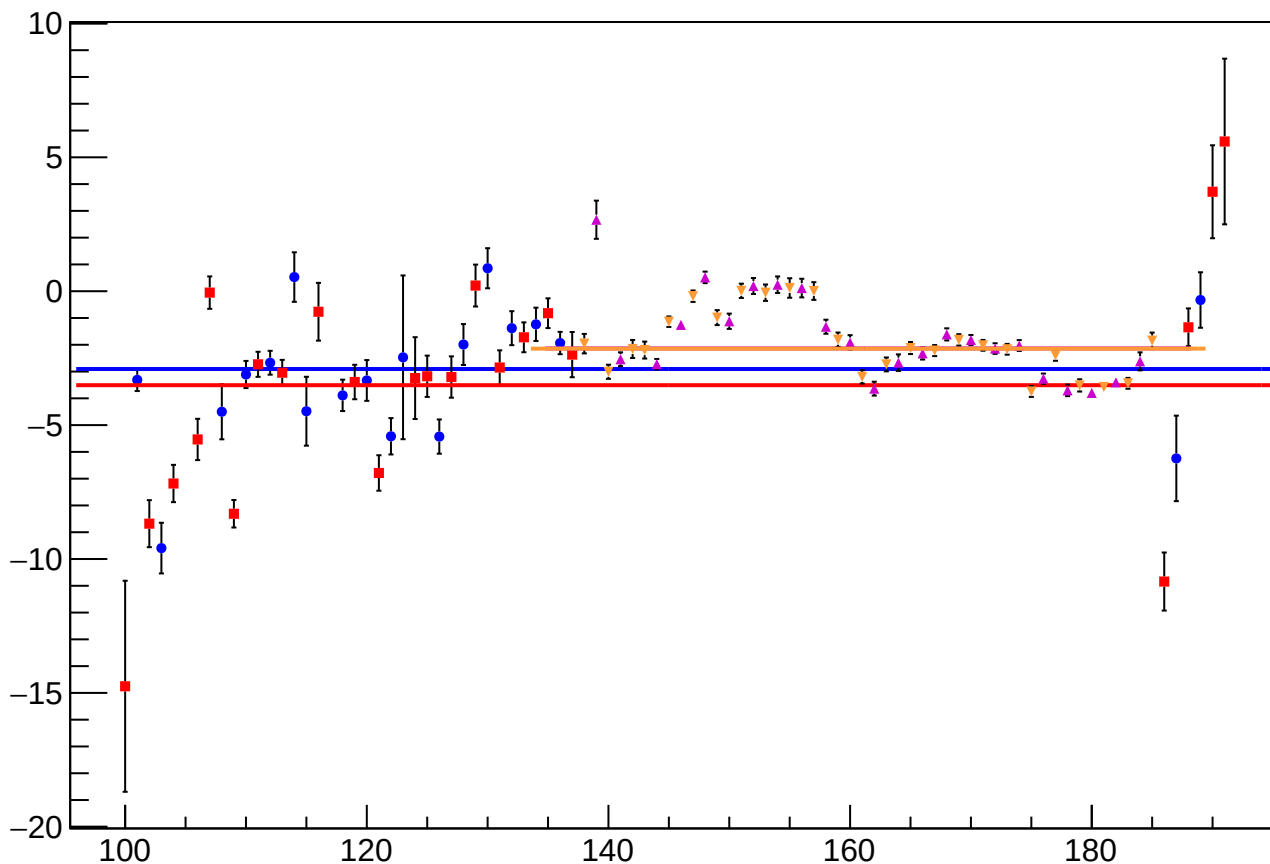
Left In: 2.433 ± 0.059 $\chi^2/\text{NDF}: 882.9/22$

+ sign 2.550 ± 0.058 $\chi^2/\text{NDF}: 901.5/26$

All: 2.487 ± 0.041 $\chi^2/\text{NDF}: 2548.7/53$

- sign 2.423 ± 0.059 $\chi^2/\text{NDF}: 1644.8/26$

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: -3.509 ± 0.149 χ^2/NDF : 372.8/22

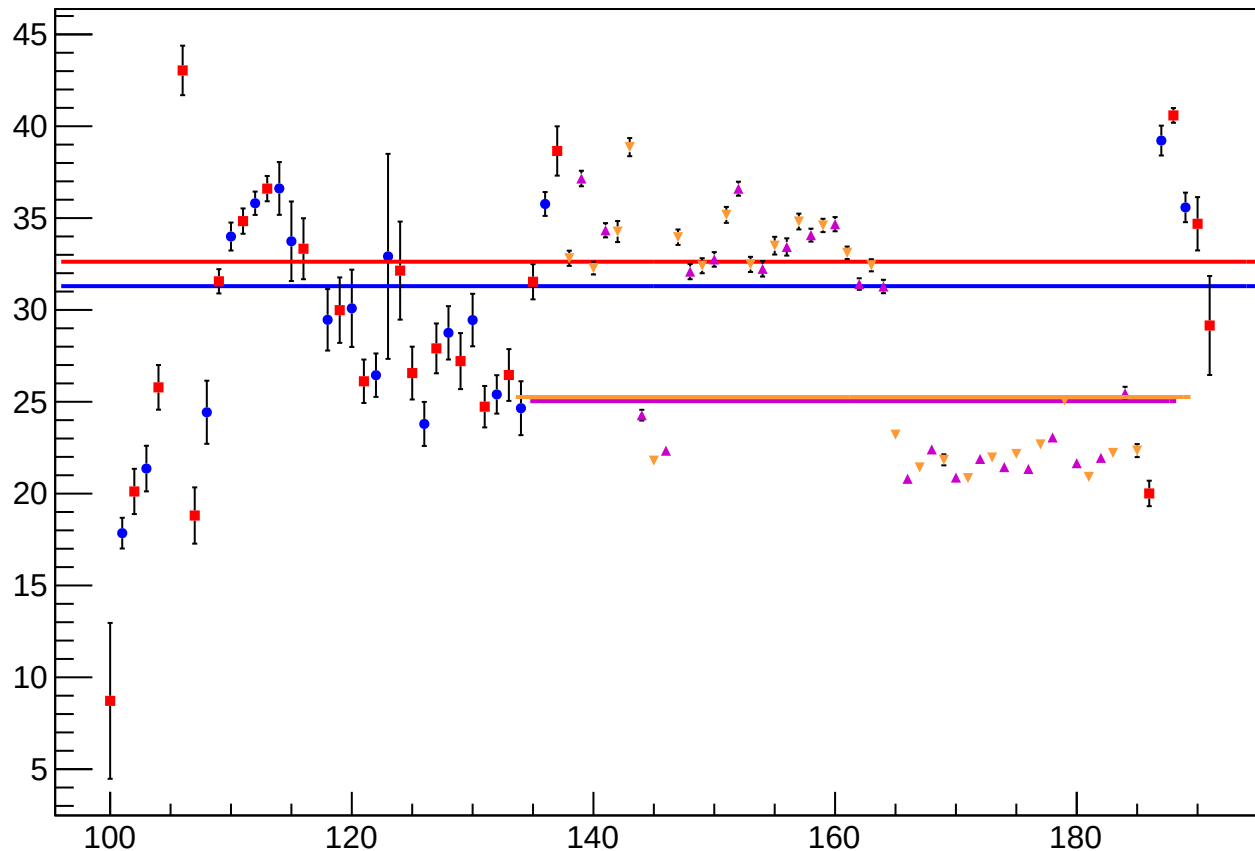
Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

+ sign -2.213 ± 0.045 χ^2/NDF : 752.6/43

All: -2.240 ± 0.032 χ^2/NDF : 1896.6/89

- sign -2.267 ± 0.046 χ^2/NDF : 1143.3/45

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: 32.624 $\pm$ 0.205 χ^2 /NDF: 1249.5/22

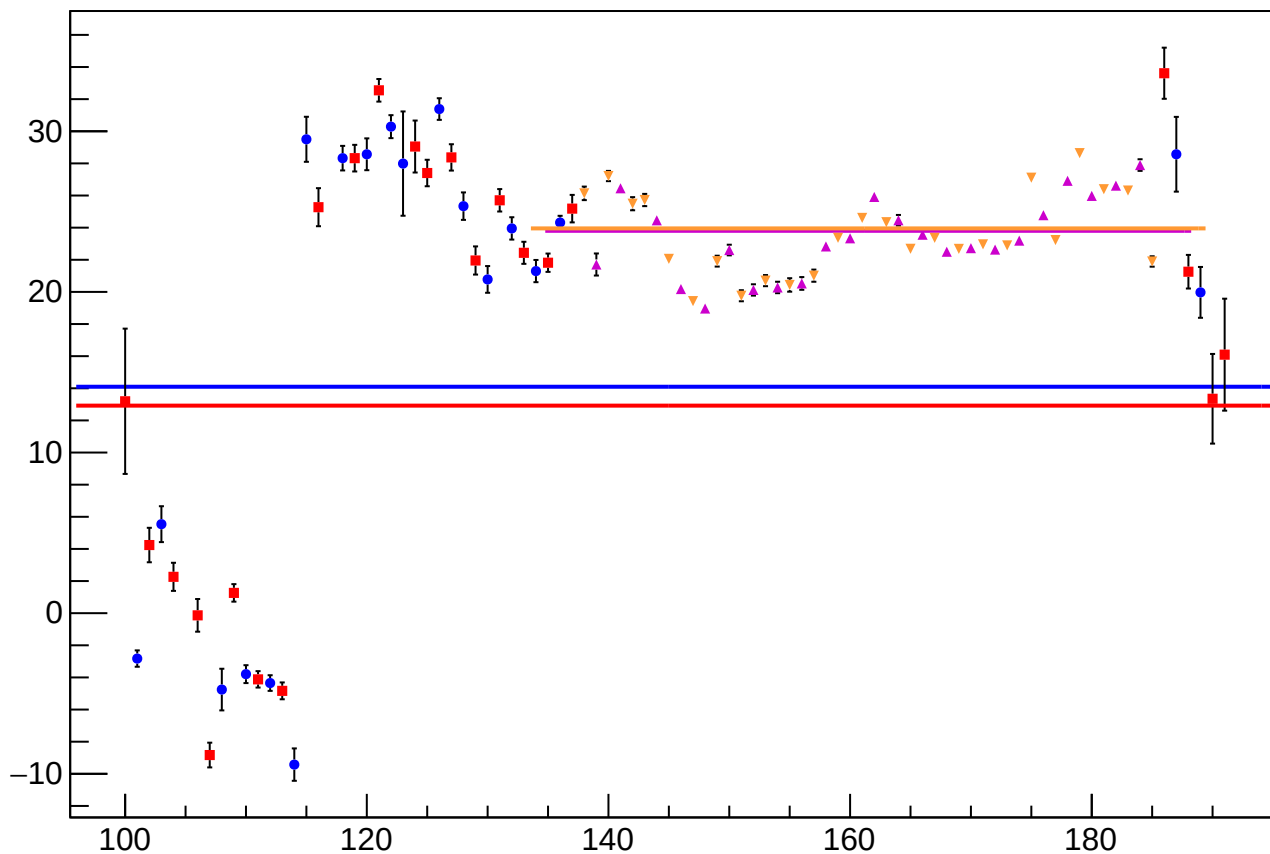
Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

+ sign 25.597 $\pm$ 0.057 χ^2 /NDF: 9427.1/43

All: 25.608 $\pm$ 0.040 χ^2 /NDF: 19628.7/89

- sign 25.620 $\pm$ 0.057 χ^2 /NDF: 10201.5/45

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: 12.921 $\pm$ 0.170 χ^2 /NDF: 7204.1/22

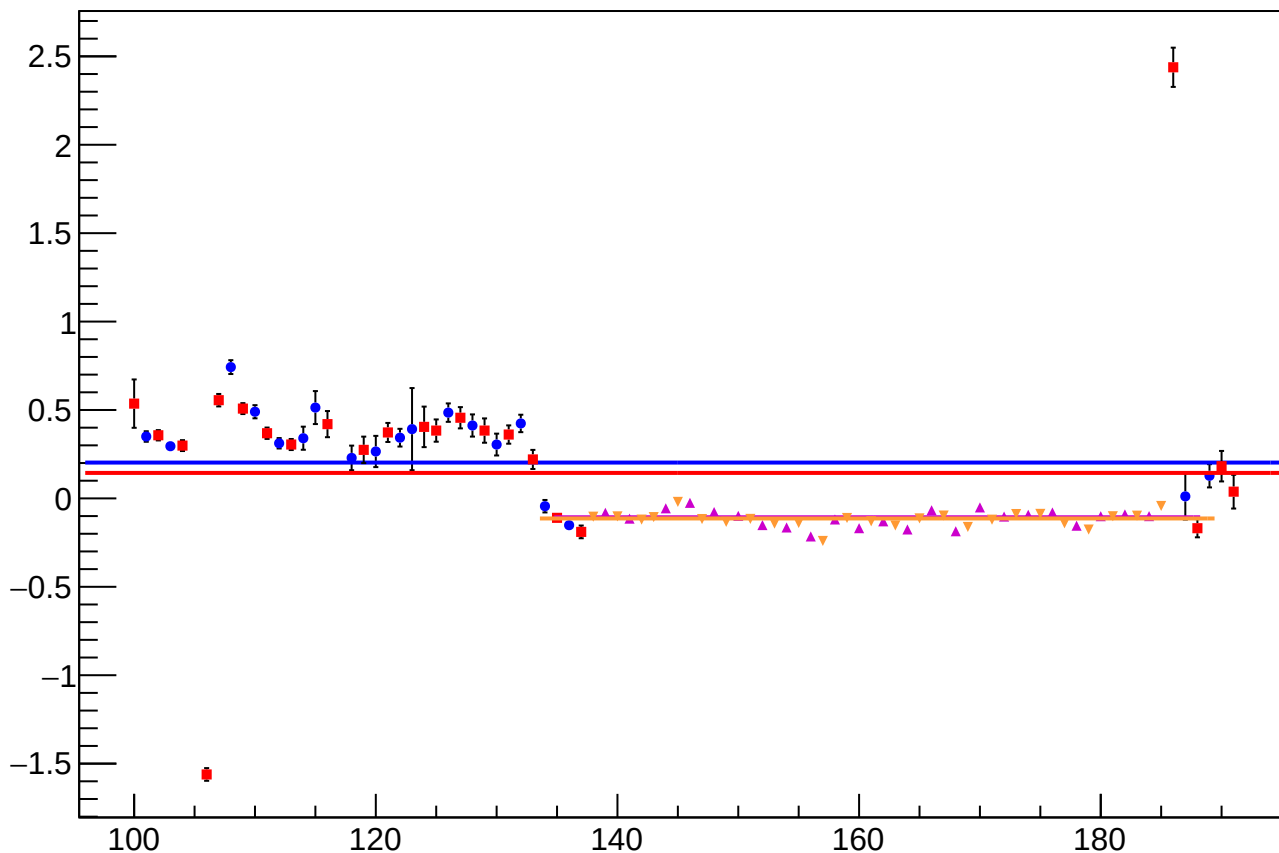
Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

+ sign 23.078 $\pm$ 0.051 χ^2 /NDF: 12406.7/43

All: 22.945 $\pm$ 0.036 χ^2 /NDF: 25116.5/89

- sign 22.809 $\pm$ 0.051 χ^2 /NDF: 12695.8/45

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: 0.144 ± 0.009 χ^2/NDF : 3482.8/22

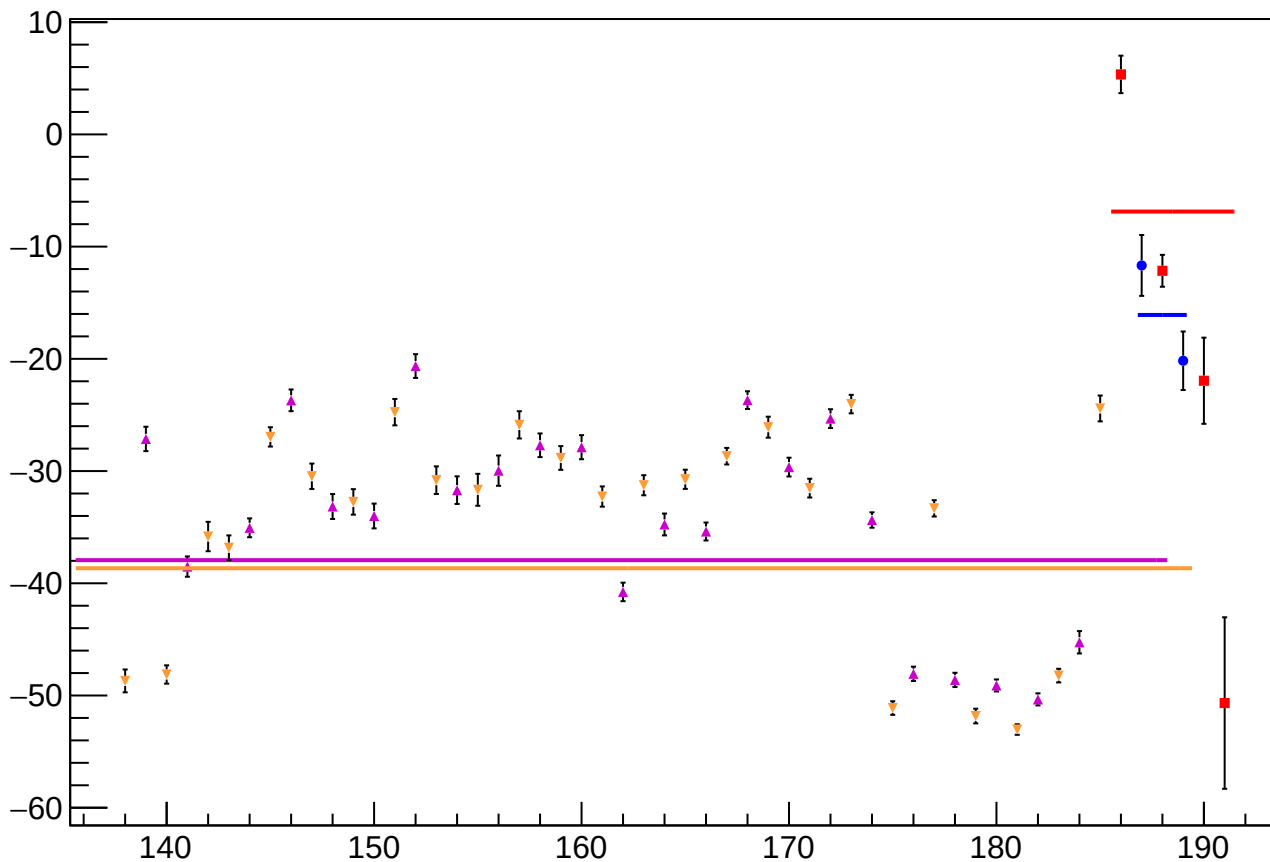
Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

+ sign -0.093 ± 0.002 χ^2/NDF : 2235.0/43

All: -0.091 ± 0.002 χ^2/NDF : 6774.0/89

- sign -0.089 ± 0.002 χ^2/NDF : 4537.4/45

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: -6.876 ± 1.032 χ^2/NDF : 115.7/3

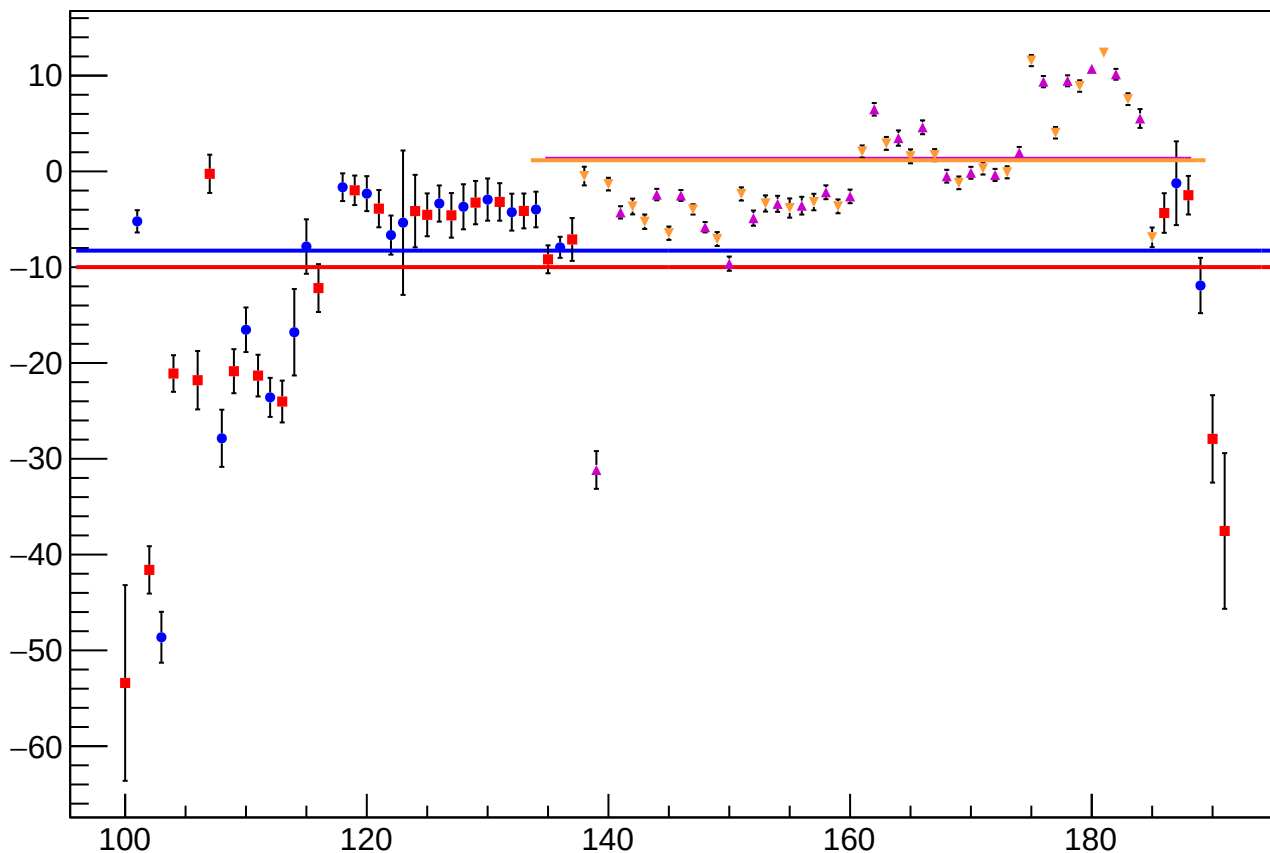
Left In: -37.939 ± 0.173 χ^2/NDF : 3133.2/22

+ sign -38.478 ± 0.169 χ^2/NDF : 4222.0/26

All: -37.793 ± 0.120 χ^2/NDF : 8385.8/53

- sign -37.095 ± 0.170 χ^2/NDF : 4130.4/26

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: -9.990 ± 0.462 χ^2/NDF : 477.6/22

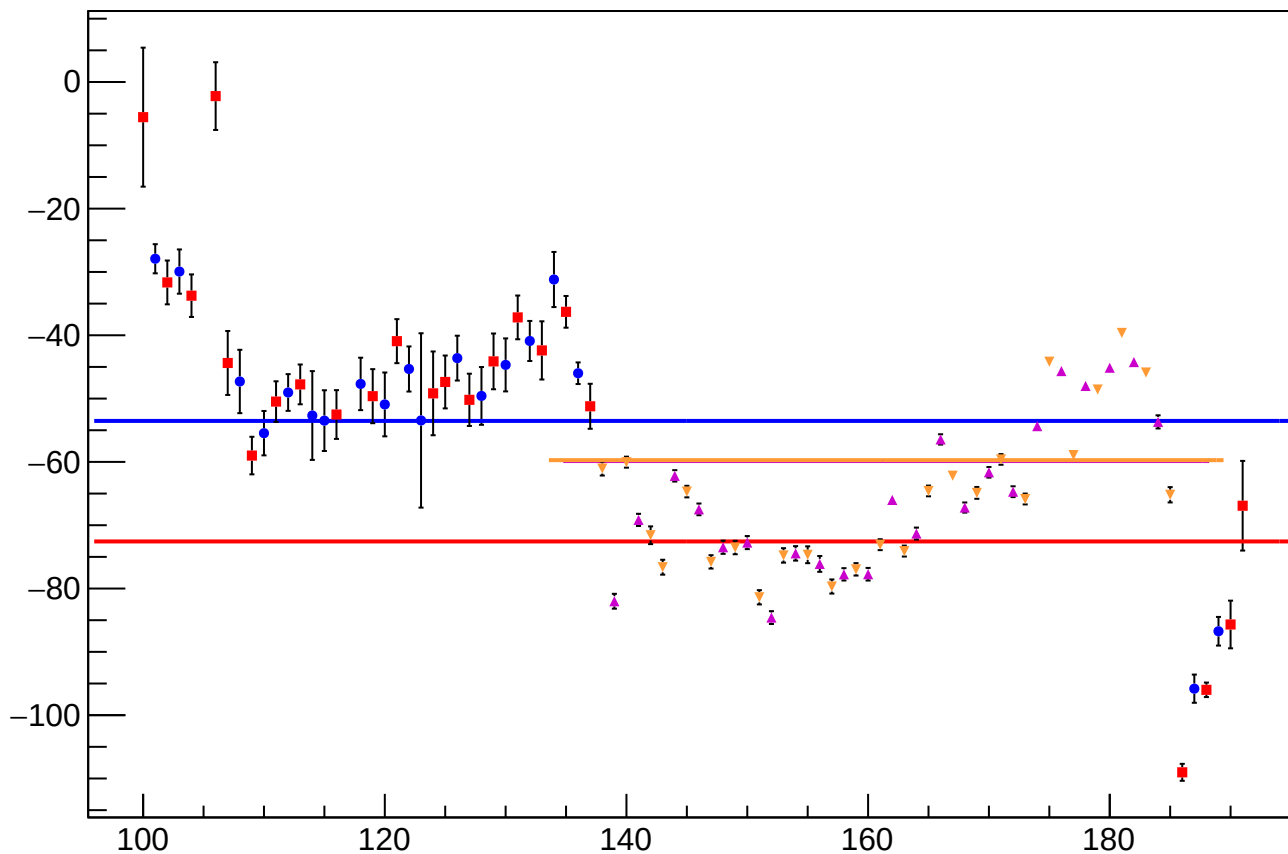
Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

+ sign 0.382 ± 0.131 χ^2/NDF : 2598.8/43

All: 0.378 ± 0.093 χ^2/NDF : 5706.4/89

- sign 0.374 ± 0.134 χ^2/NDF : 3107.6/45

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: -72.562 ± 0.604 χ^2/NDF : 2471.2/22

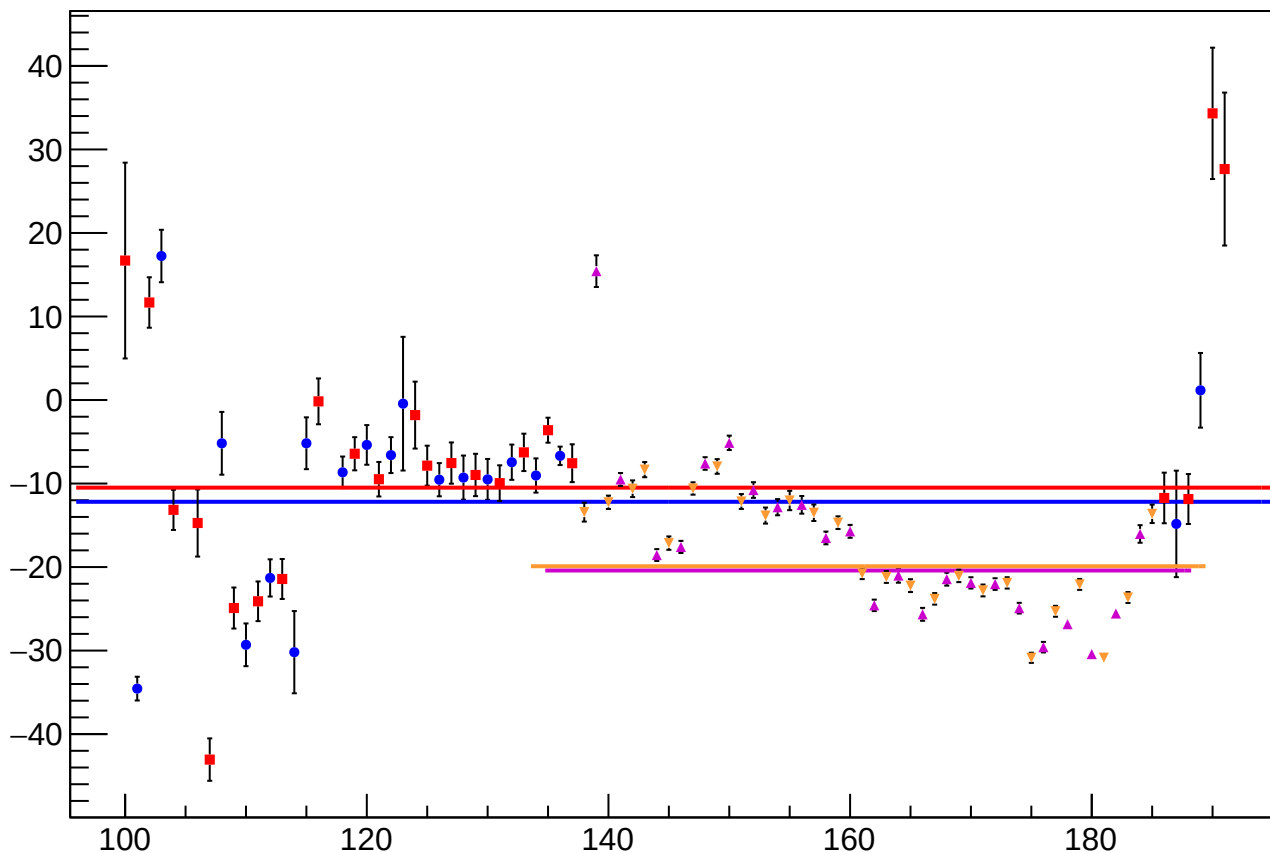
Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

+ sign -59.411 ± 0.166 χ^2/NDF : 6688.4/43

All: -60.118 ± 0.117 χ^2/NDF : 14879.7/89

- sign -60.824 ± 0.166 χ^2/NDF : 8155.1/45

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.185 ± 0.515 $\chi^2/\text{NDF}: 485.1/18$

Left Out: -19.902 ± 0.153 $\chi^2/\text{NDF}: 1904.7/24$

Right Out: -10.491 ± 0.534 $\chi^2/\text{NDF}: 417.1/22$

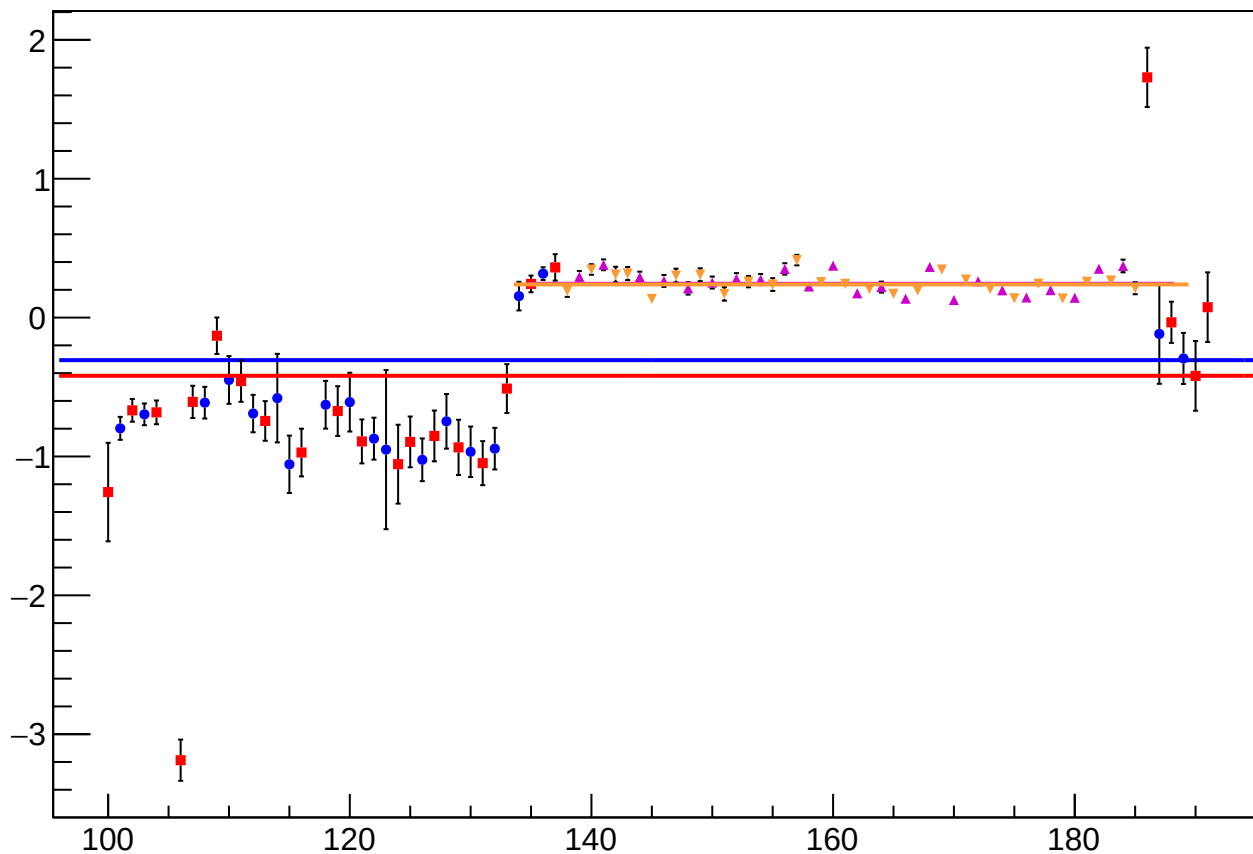
Left In: -20.412 ± 0.156 $\chi^2/\text{NDF}: 2345.4/22$

+ sign -19.274 ± 0.147 $\chi^2/\text{NDF}: 2596.4/43$

All: -19.448 ± 0.105 $\chi^2/\text{NDF}: 5680.1/89$

- sign -19.629 ± 0.150 $\chi^2/\text{NDF}: 3080.8/45$

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: -0.419 ± 0.027 χ^2/NDF : 747.2/22

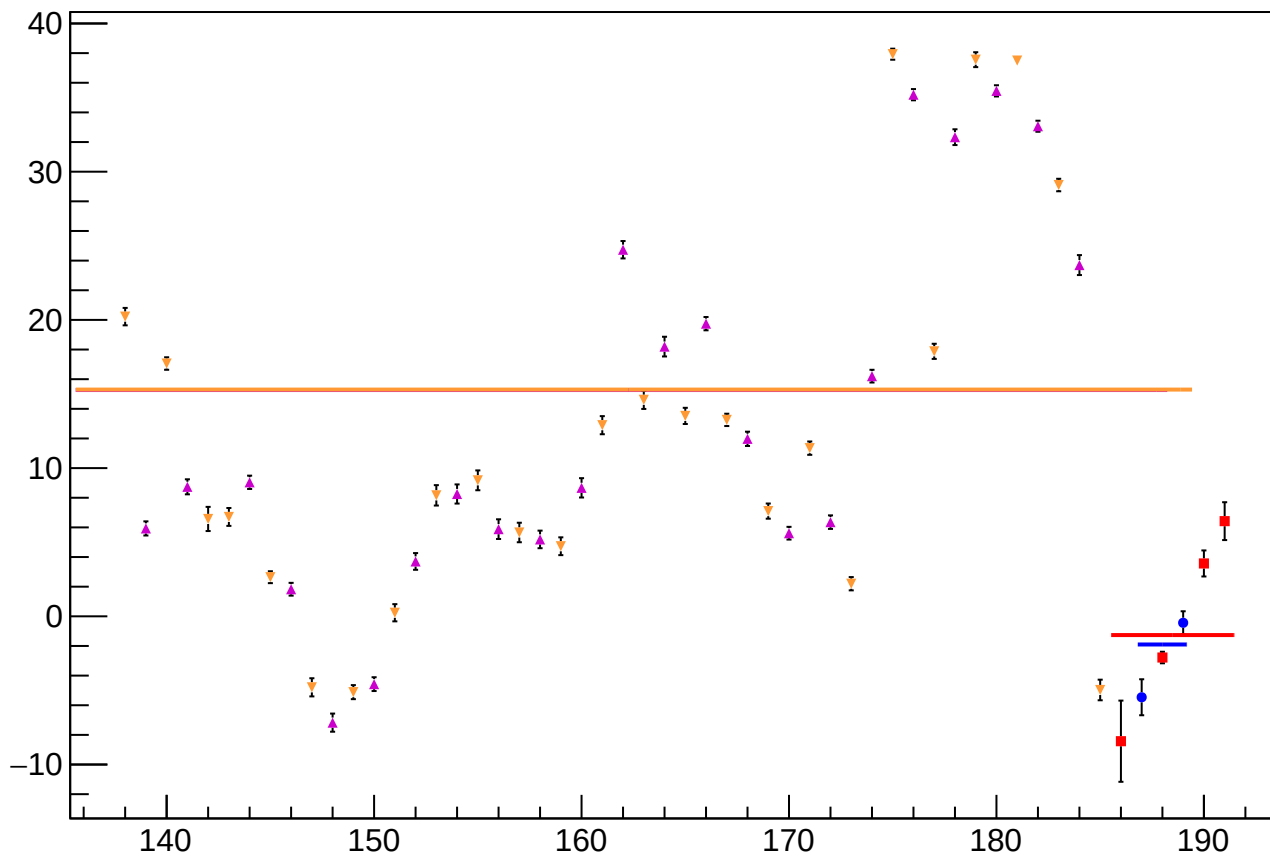
Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

+ sign 0.204 ± 0.007 χ^2/NDF : 844.7/43

All: 0.203 ± 0.005 χ^2/NDF : 2276.5/89

- sign 0.201 ± 0.007 χ^2/NDF : 1431.8/45

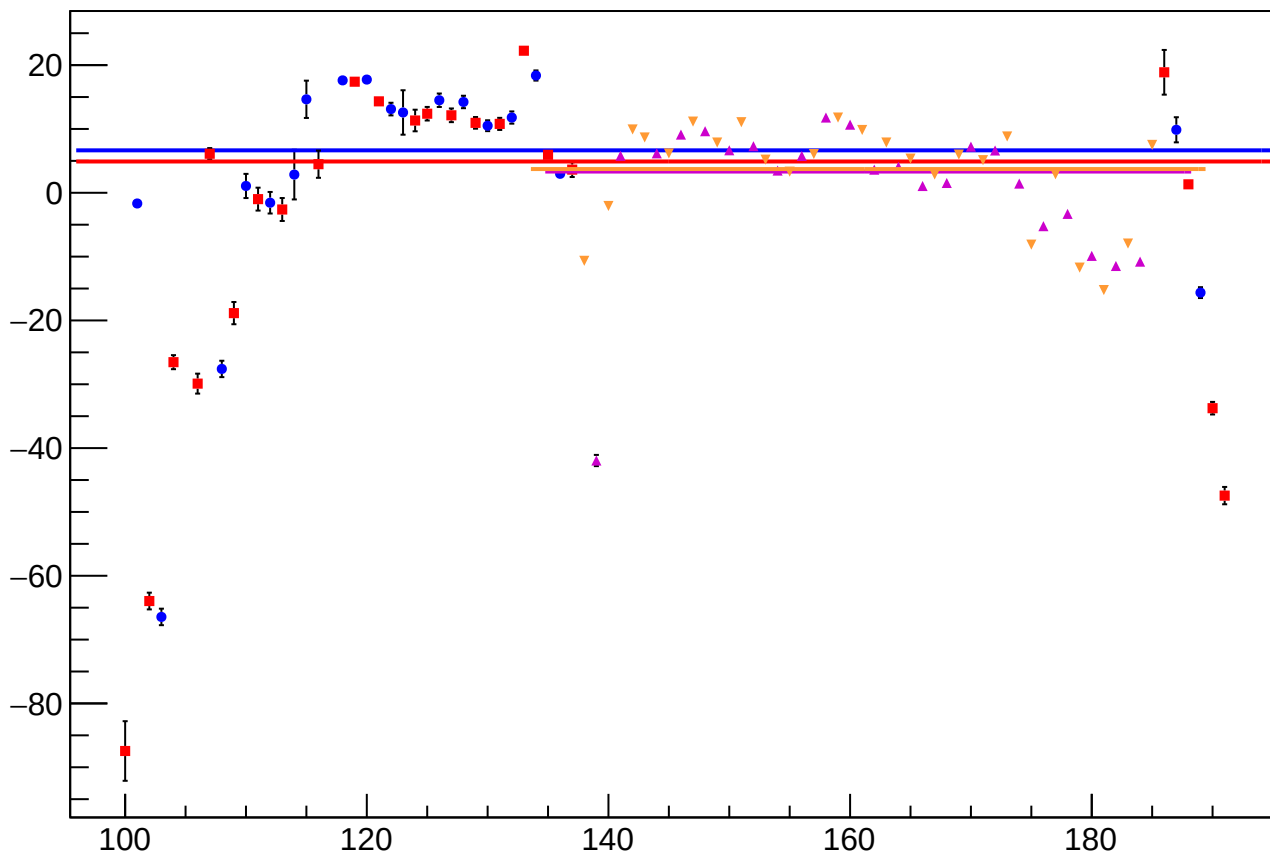
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -1.900 ± 0.655 $\chi^2/\text{NDF}: 12.1/1$
 Left Out: 15.298 ± 0.101 $\chi^2/\text{NDF}: 19135.0/24$
 Right Out: -1.265 ± 0.340 $\chi^2/\text{NDF}: 88.5/3$
 Left In: 15.268 ± 0.102 $\chi^2/\text{NDF}: 16406.3/22$

+ sign 14.902 ± 0.100 $\chi^2/\text{NDF}: 19820.6/26$
 All: 14.392 ± 0.070 $\chi^2/\text{NDF}: 38536.4/53$
 - sign 13.900 ± 0.098 $\chi^2/\text{NDF}: 18664.2/26$

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: 4.903 ± 0.194 χ^2/NDF : 10060.7/22

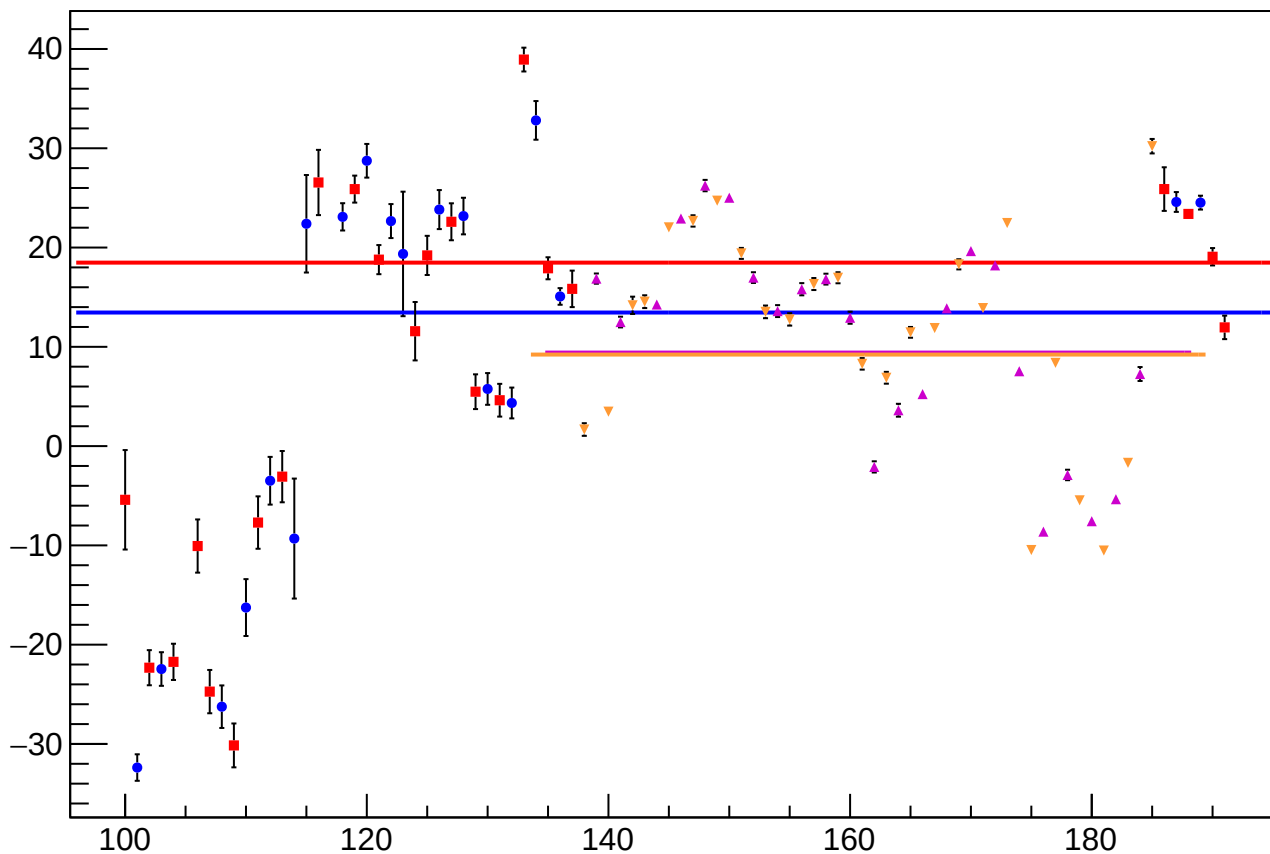
Left In: 3.327 ± 0.081 χ^2/NDF : 8830.5/22

+ sign 4.088 ± 0.074 χ^2/NDF : 15475.4/43

All: 3.828 ± 0.053 χ^2/NDF : 34448.2/89

- sign 3.562 ± 0.075 χ^2/NDF : 18947.7/45

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: 18.481 $\pm$ 0.235 χ^2 /NDF: 2948.4/22

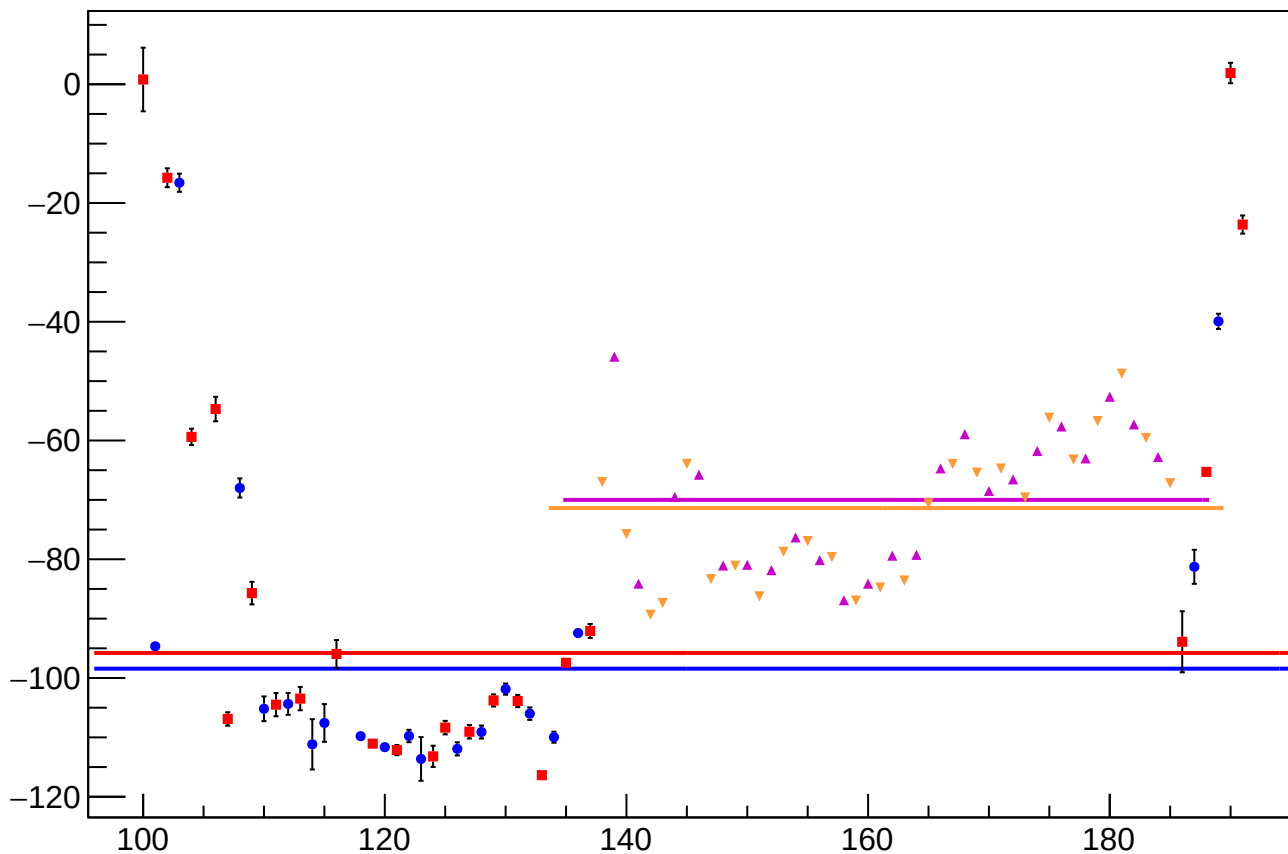
Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

+ sign 9.571 $\pm$ 0.097 χ^2 /NDF: 16660.7/43

All: 10.233 $\pm$ 0.067 χ^2 /NDF: 33025.1/89

- sign 10.852 $\pm$ 0.094 χ^2 /NDF: 16273.9/45

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: -95.781 ± 0.231 χ^2/NDF : 13591.8/22

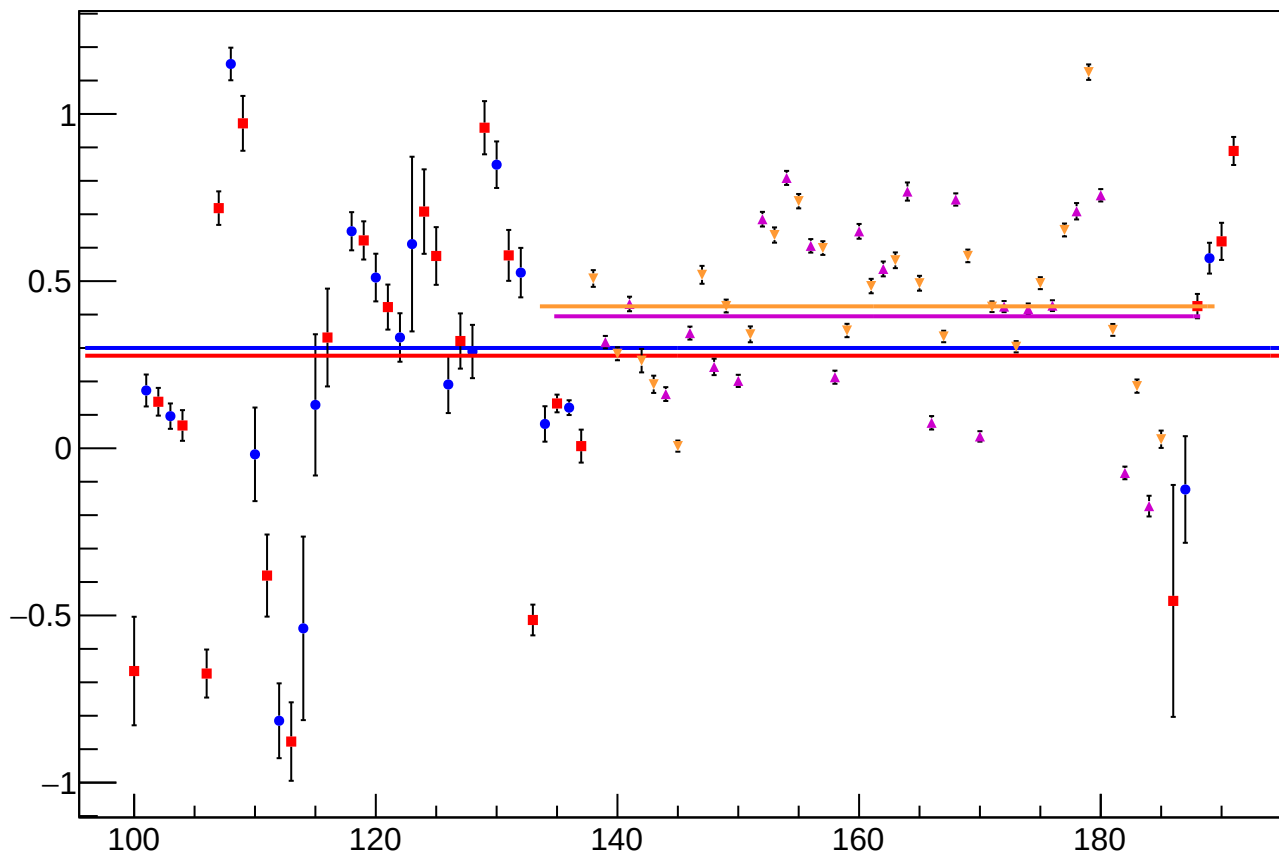
Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

+ sign -74.618 ± 0.084 χ^2/NDF : 33903.6/43

All: -74.062 ± 0.060 χ^2/NDF : 71552.1/89

- sign -73.492 ± 0.085 χ^2/NDF : 37559.7/45

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.300 ± 0.013 χ^2/NDF : 699.2/18

Left Out: 0.425 ± 0.004 χ^2/NDF : 2866.9/24

Right Out: 0.277 ± 0.012 χ^2/NDF : 1296.2/22

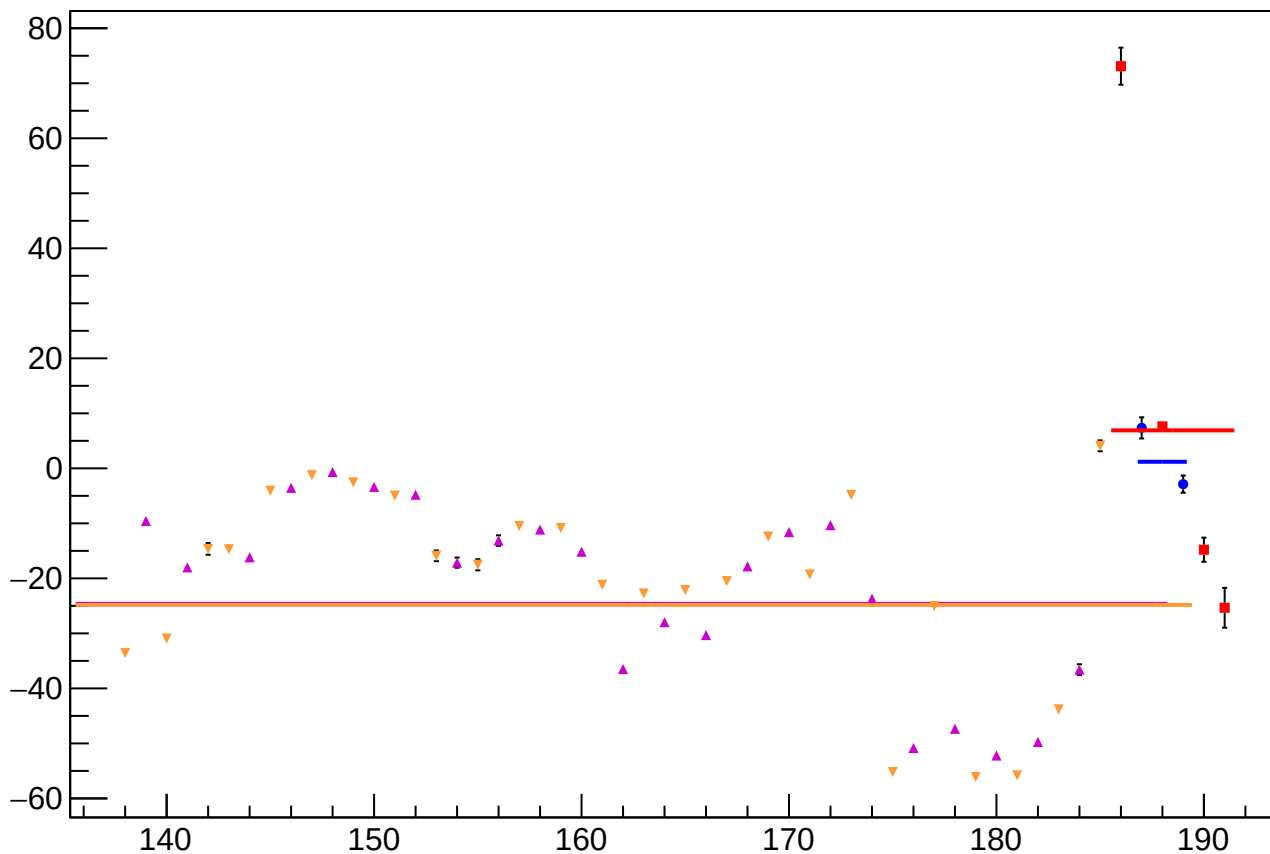
Left In: 0.395 ± 0.004 χ^2/NDF : 4063.1/22

+ sign 0.413 ± 0.004 χ^2/NDF : 3650.9/43

All: 0.397 ± 0.003 χ^2/NDF : 9131.1/89

- sign 0.382 ± 0.004 χ^2/NDF : 5448.2/45

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 1.199 $\pm$ 1.211 χ^2 /NDF: 17.1/1

Left Out: -24.824 $\pm$ 0.140 χ^2 /NDF:18274.6/24

Right Out: 6.904 $\pm$ 0.719 χ^2 /NDF: 564.1/3

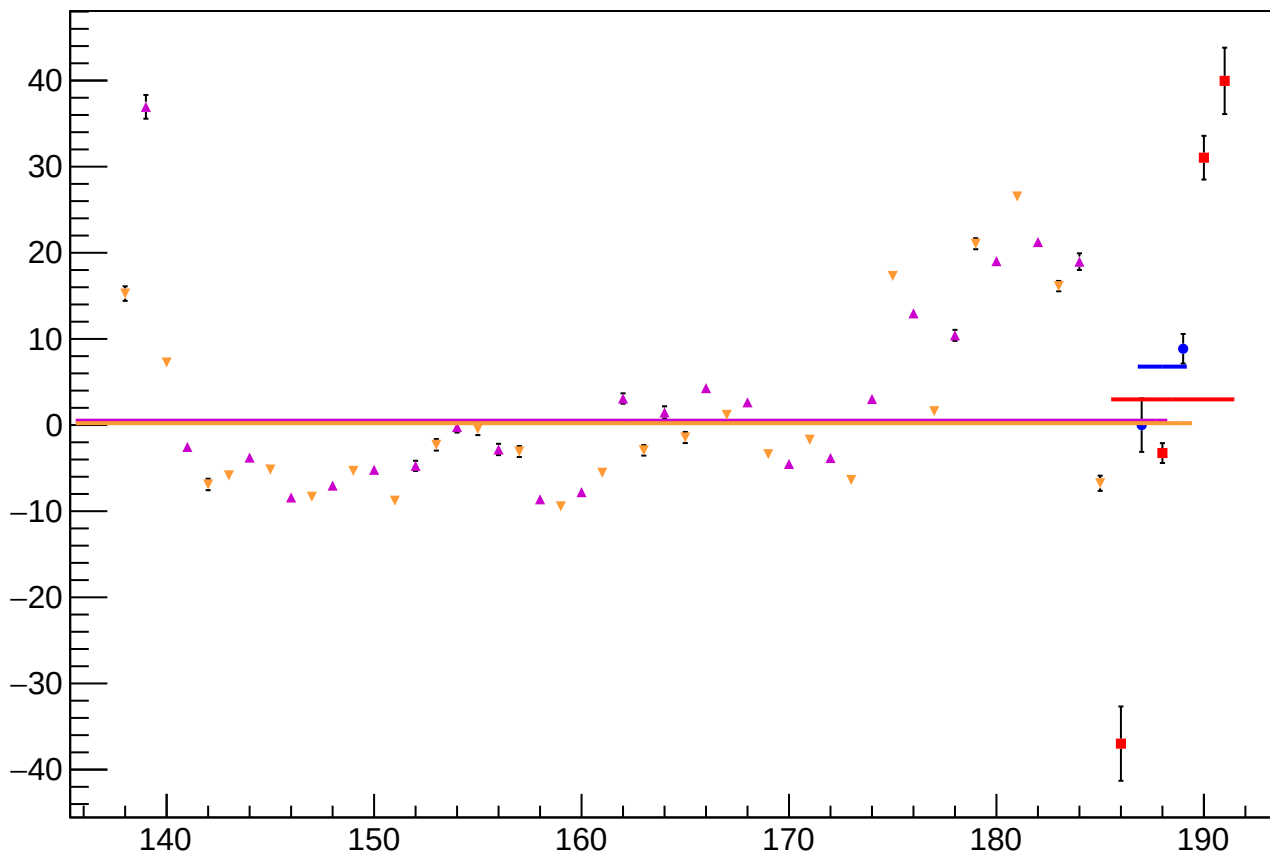
Left In: -24.635 $\pm$ 0.142 χ^2 /NDF:14947.9/22

+ sign -24.482 $\pm$ 0.139 χ^2 /NDF: 18747.2/26

All: -23.969 $\pm$ 0.098 χ^2 /NDF: 36136.3/53

- sign -23.452 $\pm$ 0.139 χ^2 /NDF: 17361.7/26

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 6.785 ± 1.503 $\chi^2/\text{NDF}: 6.2/1$

Left Out: 0.218 ± 0.109 $\chi^2/\text{NDF}: 8252.6/24$

Right Out: 2.981 ± 0.986 $\chi^2/\text{NDF}: 329.1/3$

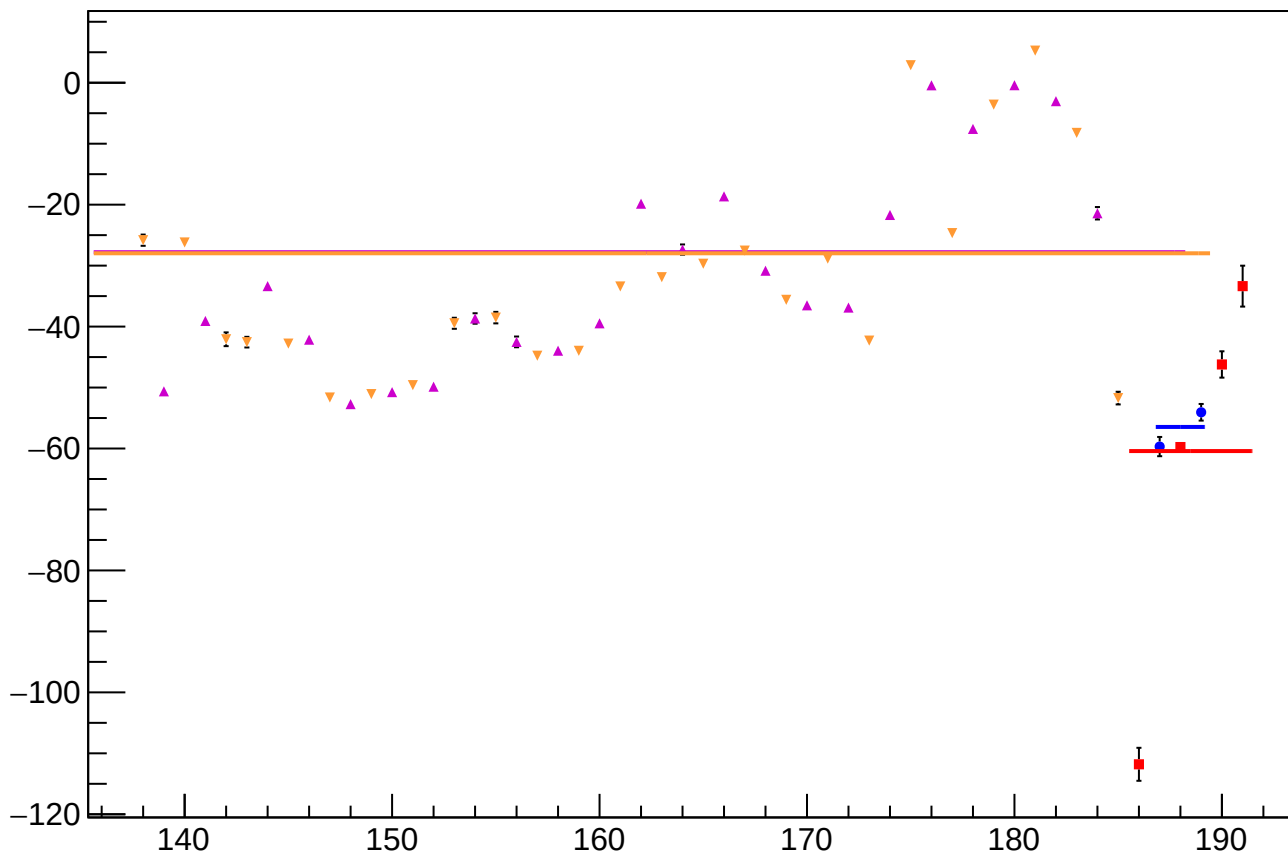
Left In: 0.507 ± 0.112 $\chi^2/\text{NDF}: 6626.9/22$

+ sign 0.252 ± 0.109 $\chi^2/\text{NDF}: 8277.8/26$

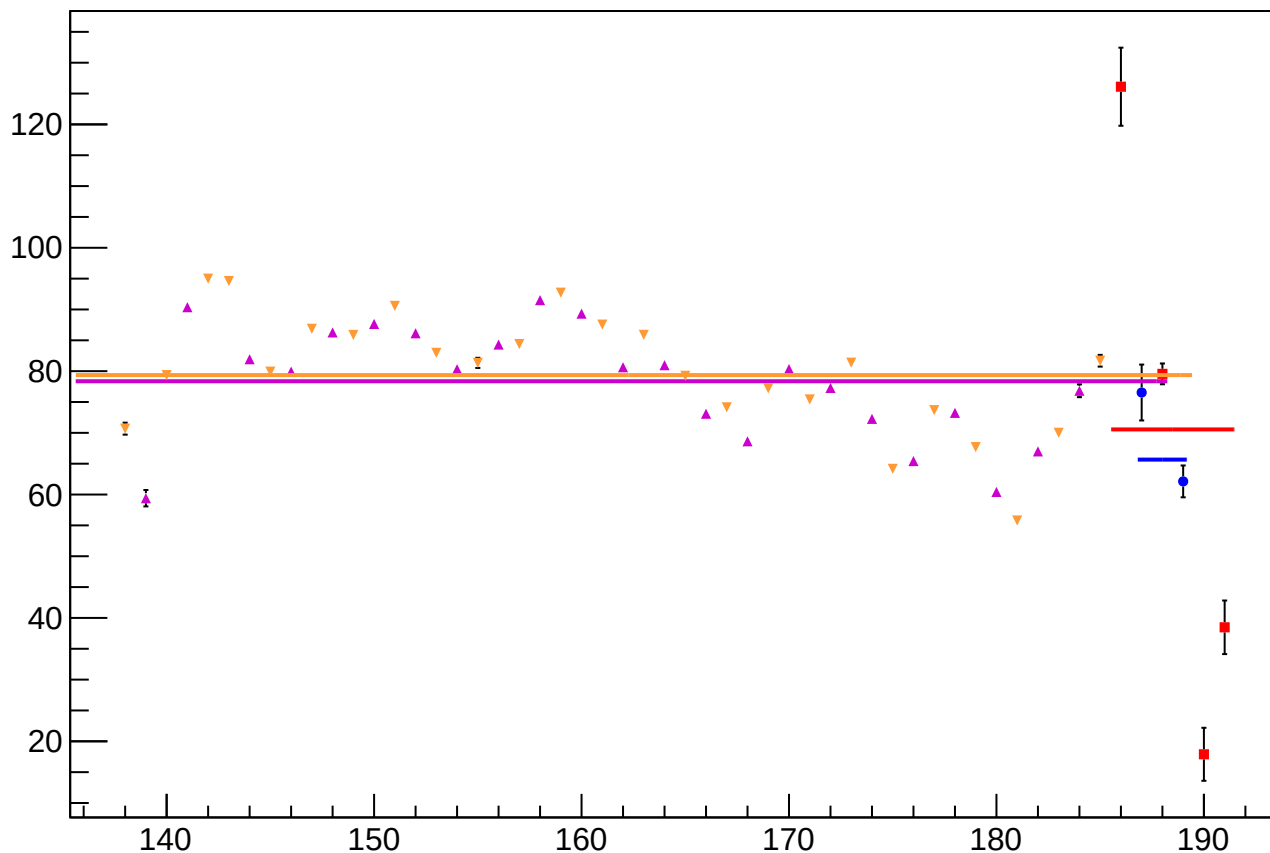
All: 0.392 ± 0.078 $\chi^2/\text{NDF}: 15243.5/53$

- sign 0.538 ± 0.111 $\chi^2/\text{NDF}: 6962.3/26$

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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: 70.556 $\pm$ 1.438 χ^2/NDF : 310.4/3

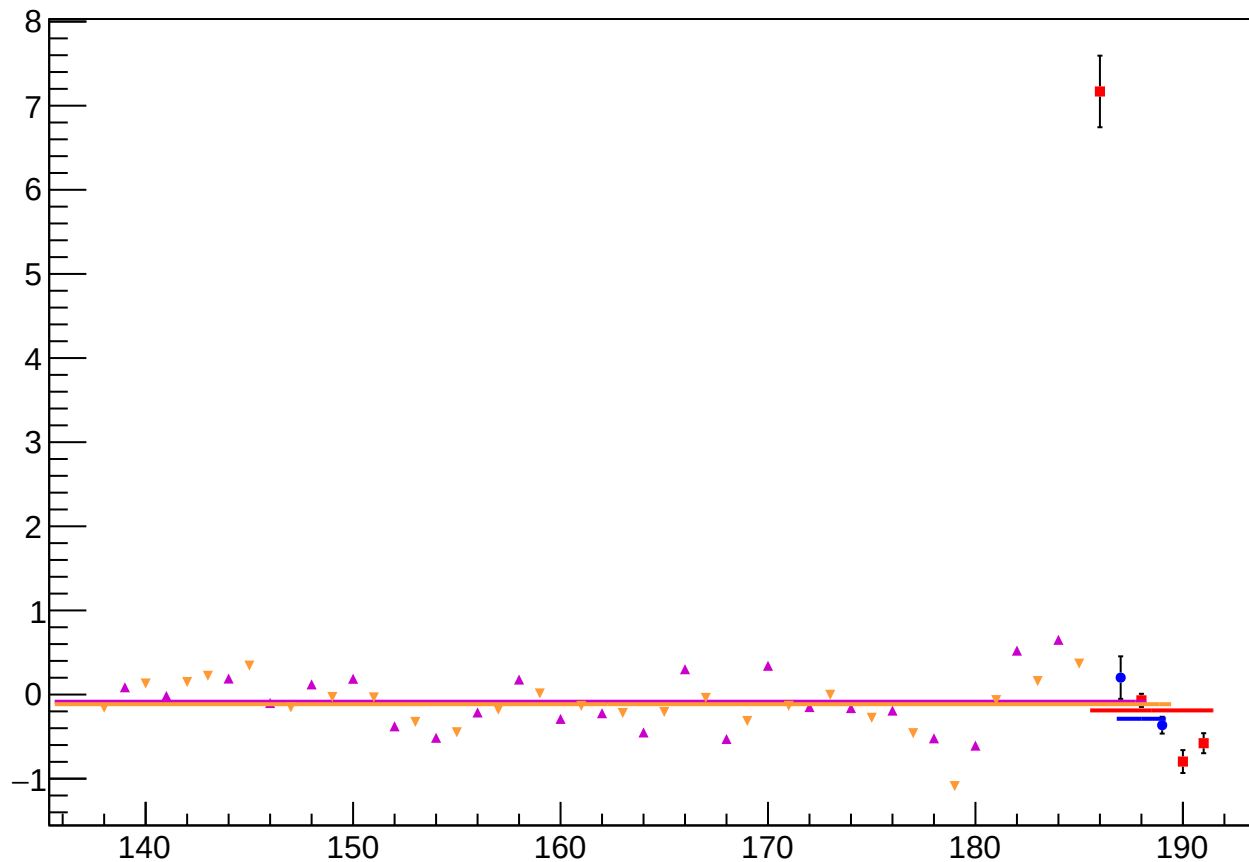
Left In: 78.367 $\pm$ 0.126 χ^2/NDF : 4735.5/22

+ sign 79.322 $\pm$ 0.123 χ^2/NDF : 6011.1/26

All: 78.825 $\pm$ 0.088 χ^2/NDF : 11119.5/53

- sign 78.307 $\pm$ 0.126 χ^2/NDF : 5075.2/26

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: -0.189 ± 0.058 χ^2/NDF : 332.2/3

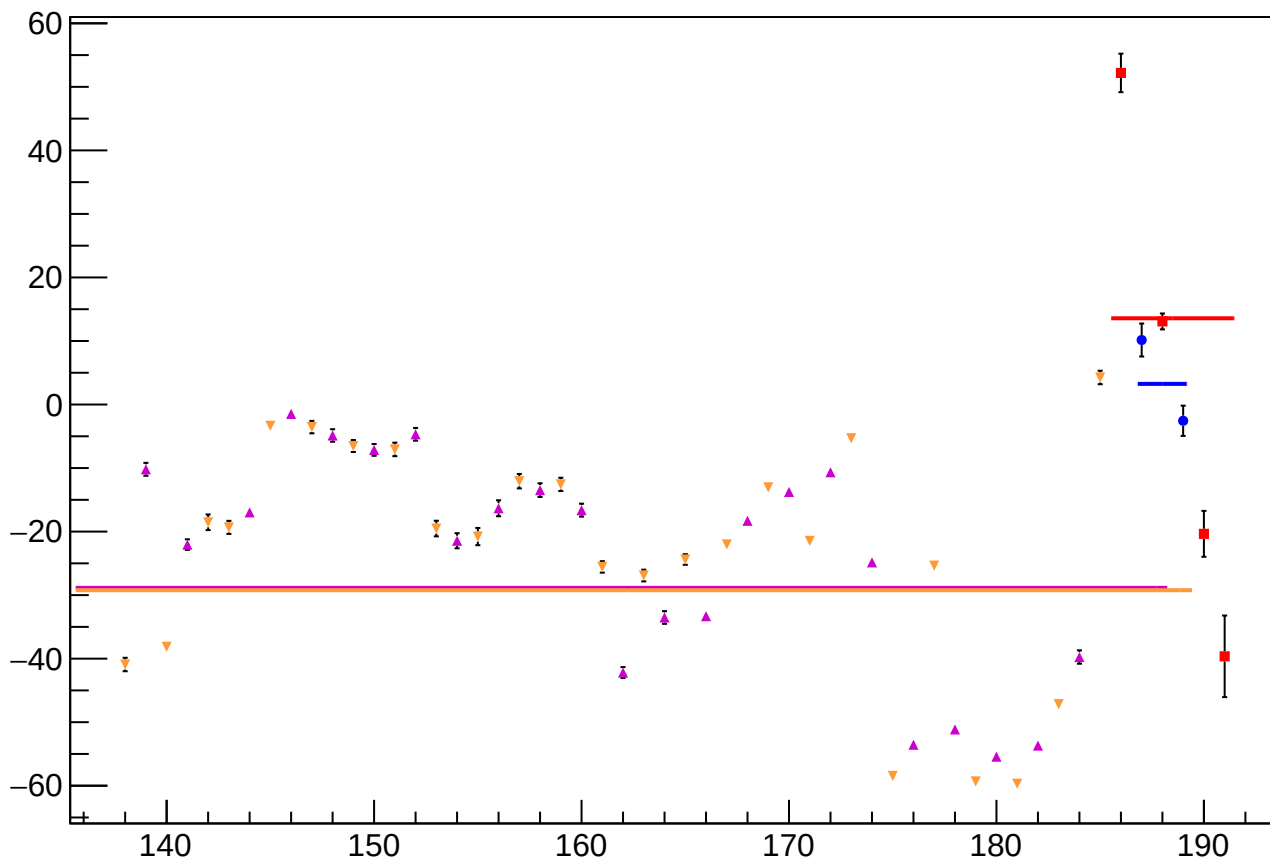
Left In: -0.085 ± 0.006 χ^2/NDF : 3148.4/22

+ sign -0.115 ± 0.006 χ^2/NDF : 2296.5/26

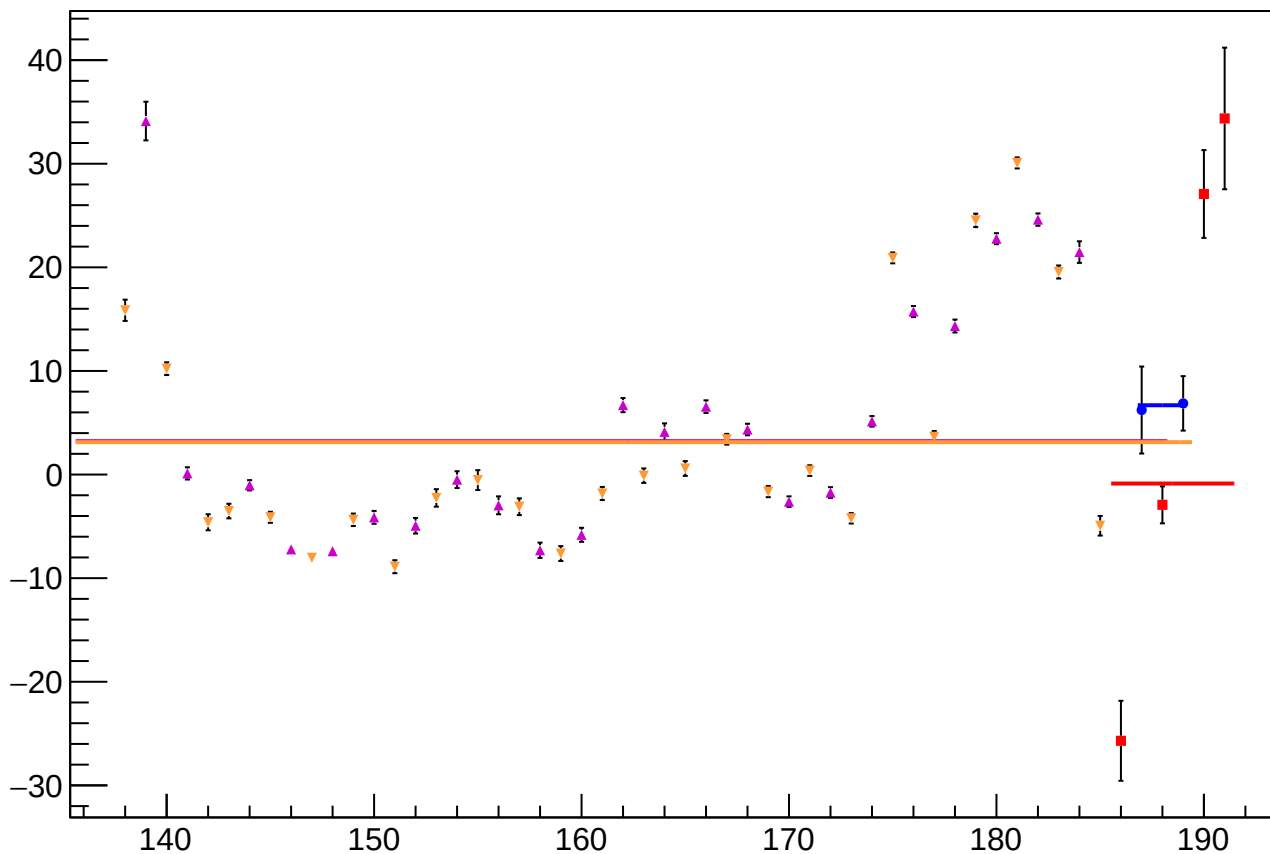
All: -0.101 ± 0.004 χ^2/NDF : 5793.4/53

- sign -0.086 ± 0.006 χ^2/NDF : 3483.8/26

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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: -0.867 ± 1.478 χ^2/NDF : 112.8/3

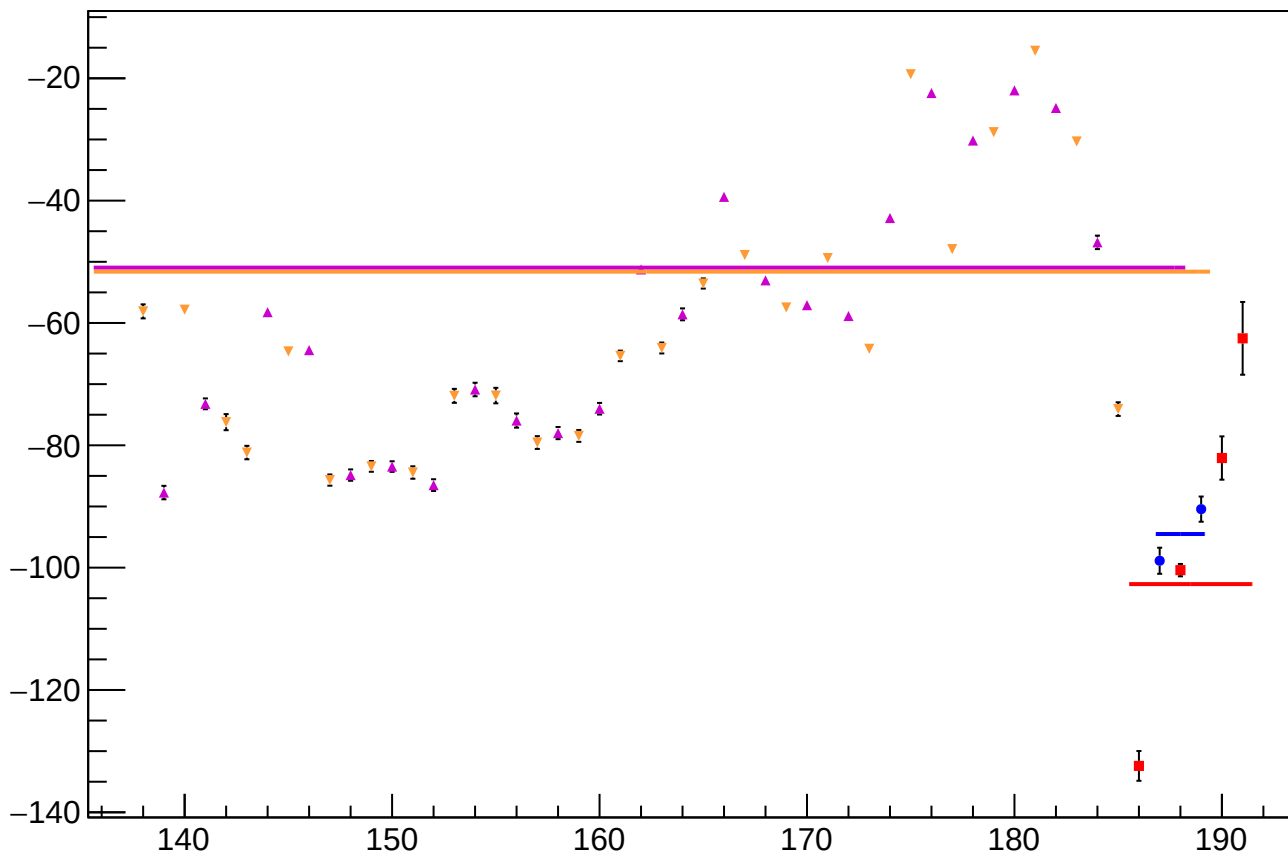
Left In: 3.224 ± 0.127 χ^2/NDF : 6274.0/22

+ sign 3.137 ± 0.124 χ^2/NDF : 8051.6/26

All: 3.165 ± 0.089 χ^2/NDF : 14446.1/53

- sign 3.194 ± 0.126 χ^2/NDF : 6394.4/26

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -94.503+/-1.482 χ^2/NDF : 8.1/1

Left Out: -51.610+/-0.158 χ^2/NDF :19384.9/24

Right Out: -102.691+/-0.892 χ^2/NDF : 233.6/3

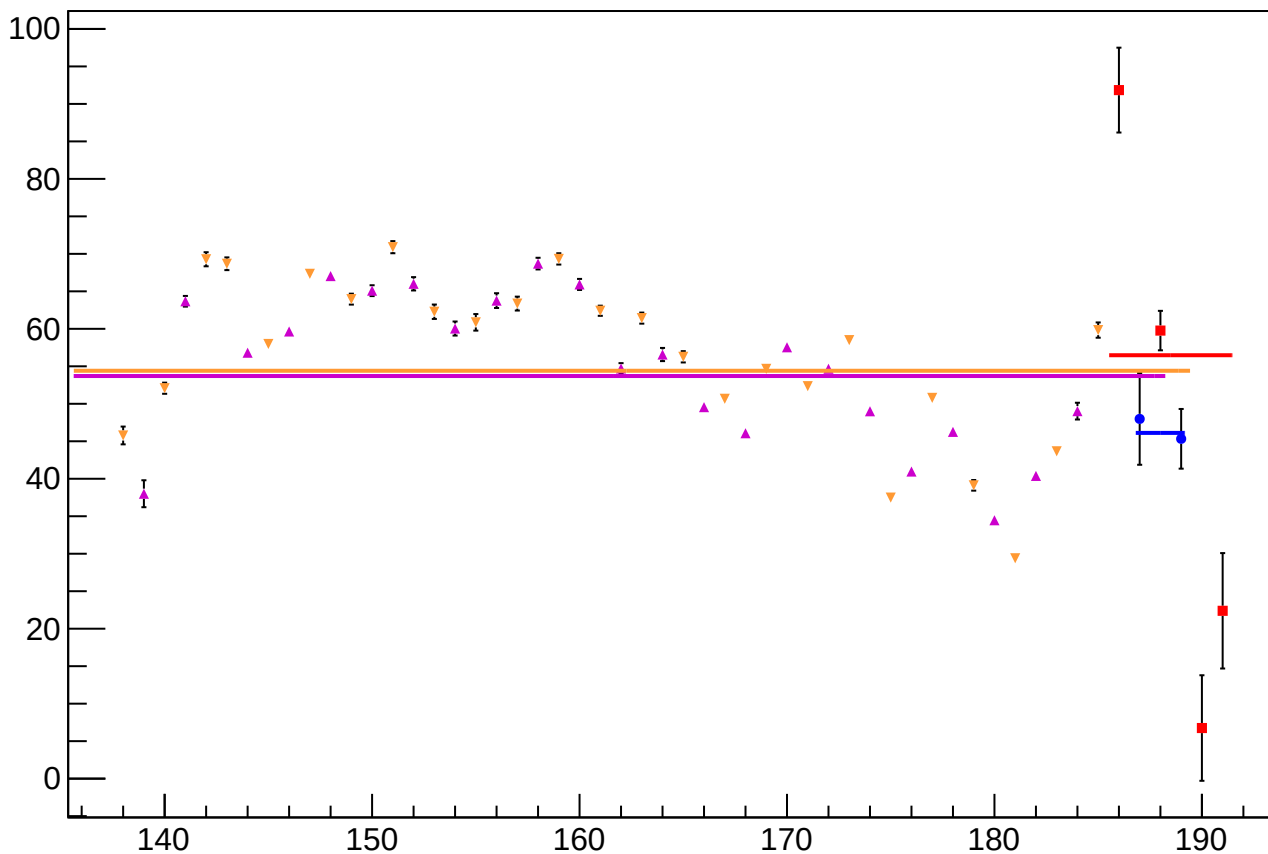
Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

+ sign -52.093+/-0.157 χ^2/NDF : 20221.7/26

All: -52.324+/-0.111 χ^2/NDF : 41188.6/53

- sign -52.554+/-0.157 χ^2/NDF : 20962.5/26

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 46.118+/-3.338 χ^2/NDF : 0.1/1

Left Out: 54.407+/-0.141 χ^2/NDF : 6200.4/24

Right Out: 56.478+/-2.168 χ^2/NDF : 110.1/3

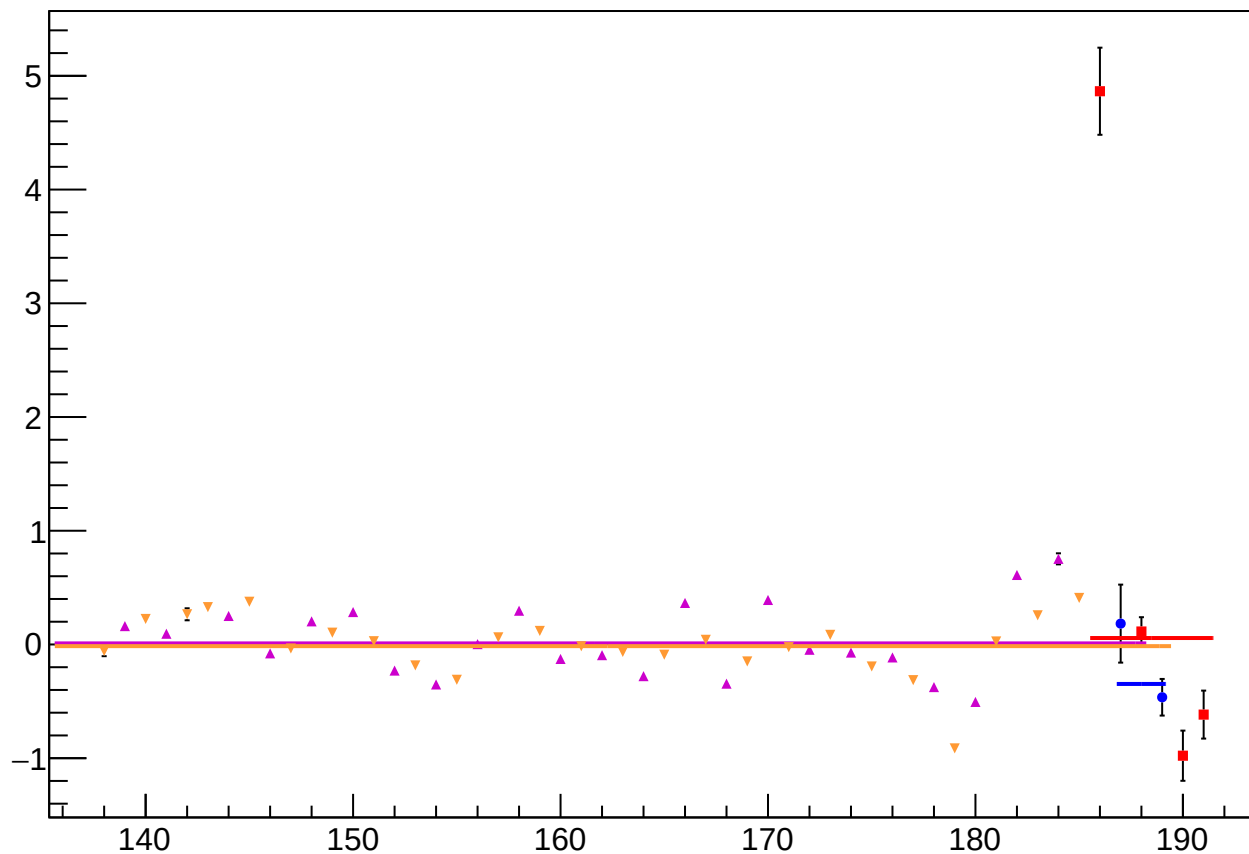
Left In: 53.704+/-0.143 χ^2/NDF : 4603.5/22

+ sign 54.392+/-0.140 χ^2/NDF : 6206.7/26

All: 54.058+/-0.100 χ^2/NDF : 10933.4/53

- sign 53.715+/-0.142 χ^2/NDF : 4715.3/26

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: 0.057 ± 0.094 χ^2/NDF : 190.0/3

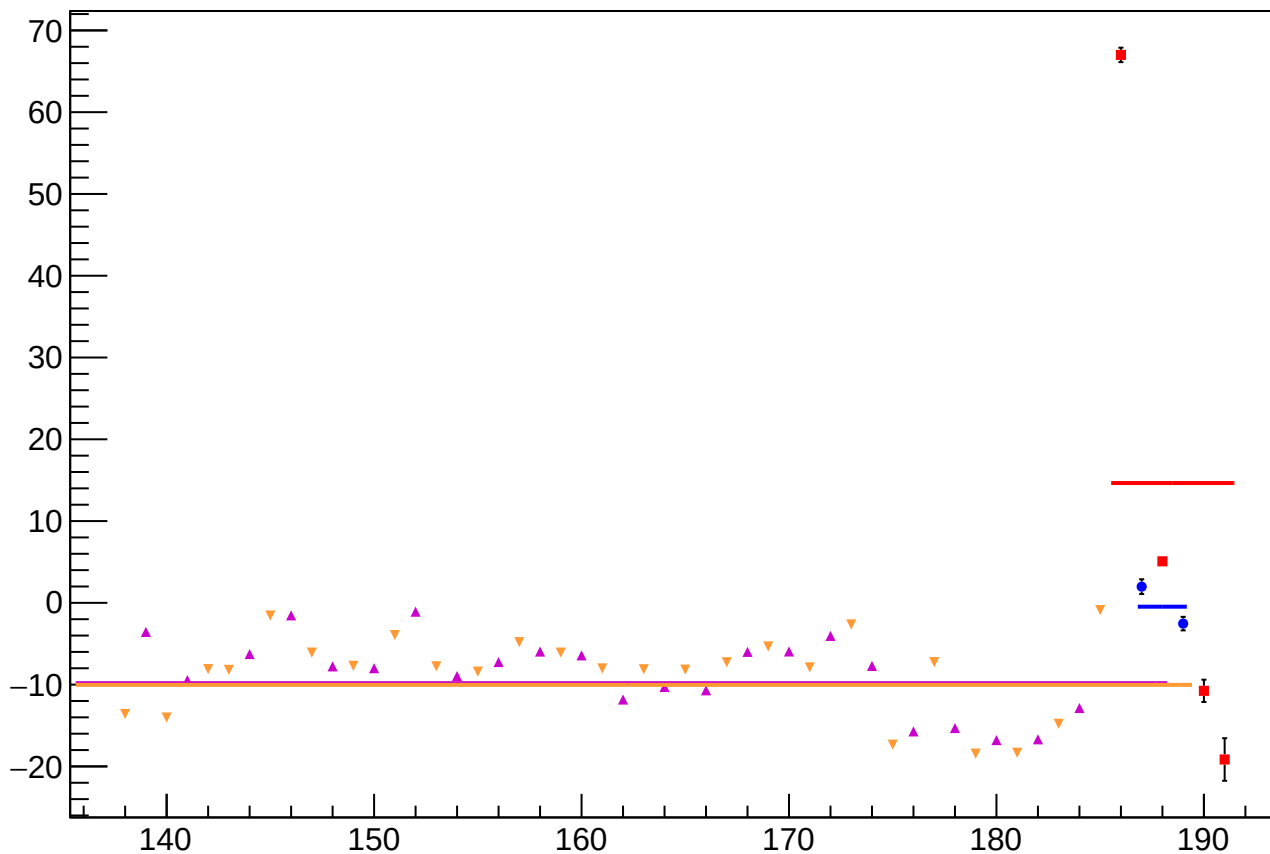
Left In: 0.009 ± 0.007 χ^2/NDF : 2228.9/22

+ sign -0.015 ± 0.006 χ^2/NDF : 1654.0/26

All: -0.003 ± 0.005 χ^2/NDF : 4080.6/53

- sign 0.010 ± 0.007 χ^2/NDF : 2419.1/26

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: 14.652 ± 0.378 χ^2/NDF : 4477.7/3

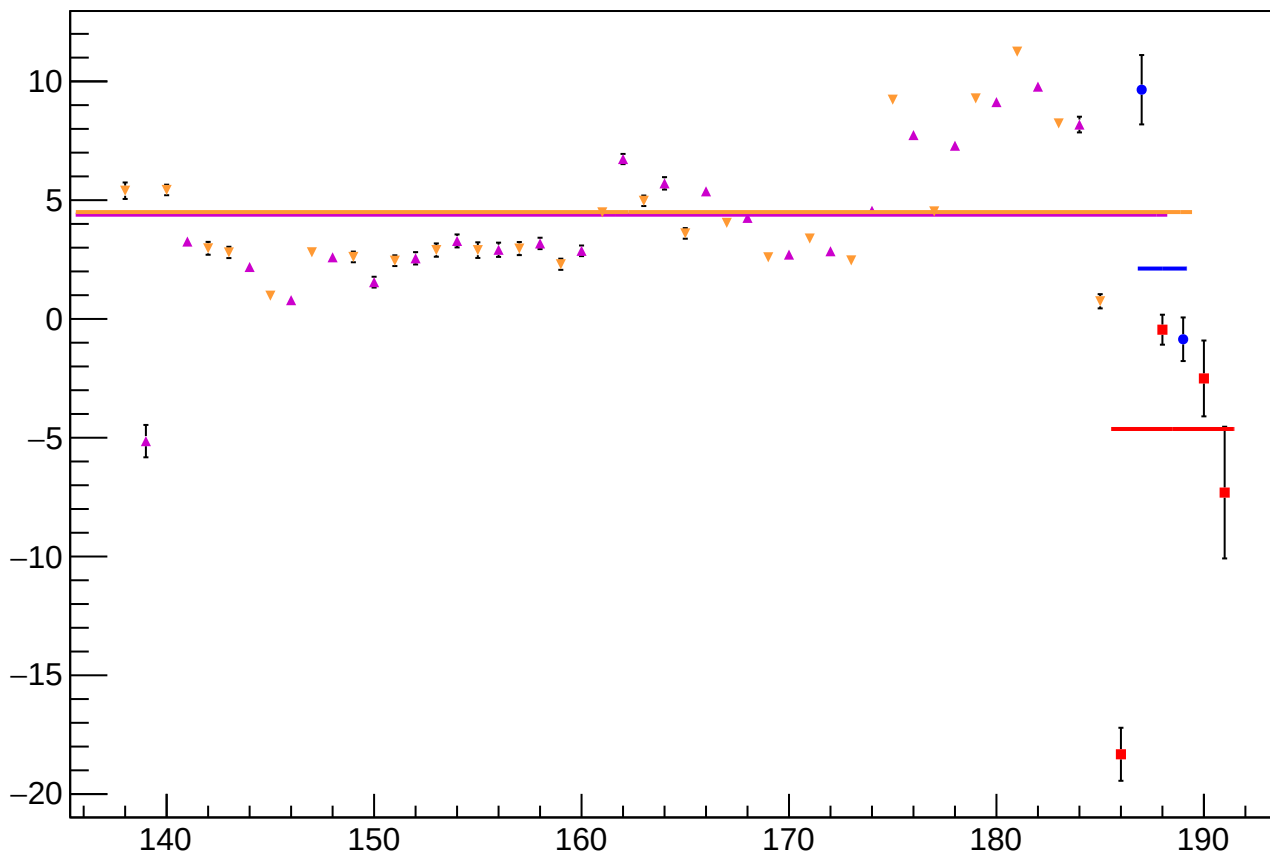
Left In: -9.820 ± 0.051 χ^2/NDF : 9468.8/22

+ sign -9.964 ± 0.051 χ^2/NDF : 12787.5/26

All: -9.673 ± 0.036 χ^2/NDF : 30916.6/53

- sign -9.380 ± 0.051 χ^2/NDF : 18062.5/26

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: -4.632+/-0.510 χ^2/NDF : 197.1/3

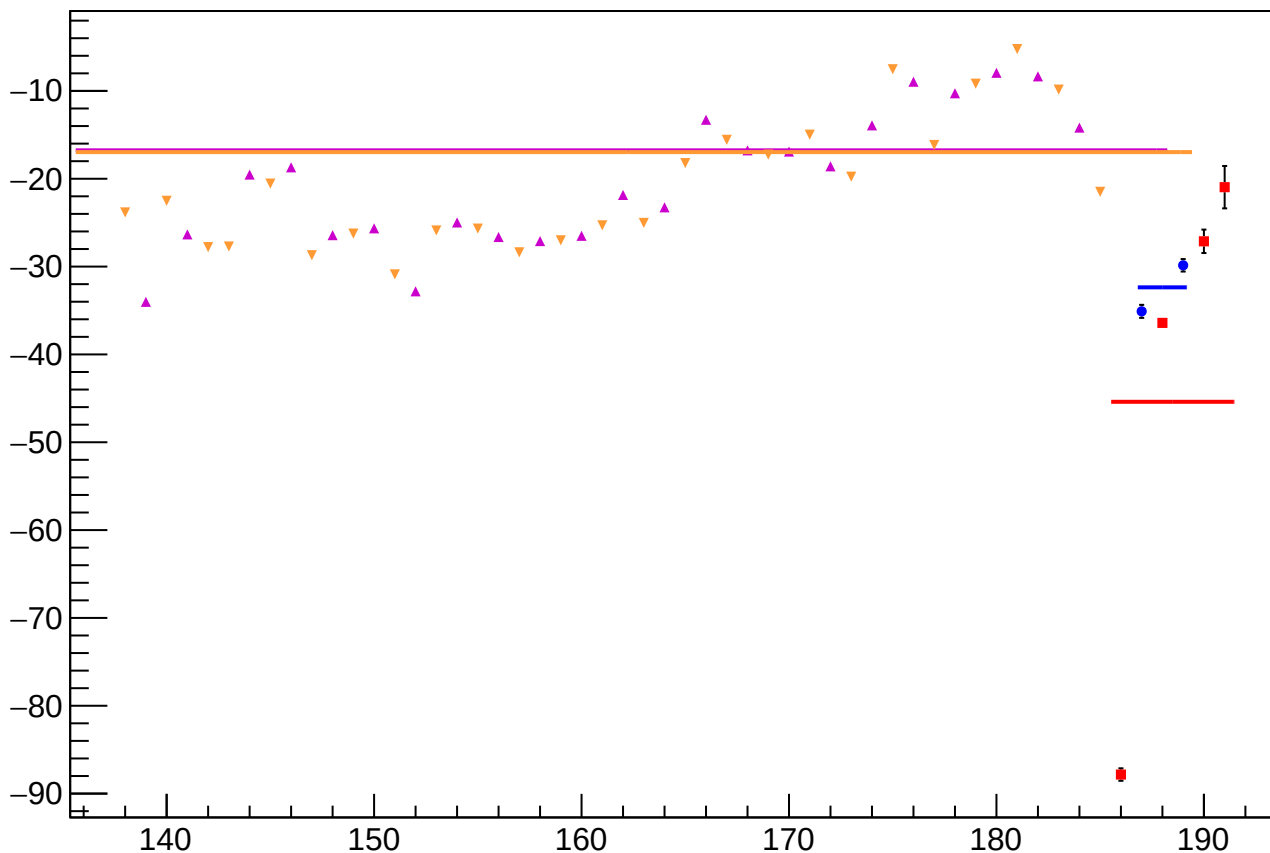
Left In: 4.388+/-0.041 χ^2/NDF : 4266.4/22

+ sign 4.492+/-0.041 χ^2/NDF : 4855.7/26

All: 4.411+/-0.029 χ^2/NDF : 9637.5/53

- sign 4.330+/-0.041 χ^2/NDF : 4773.8/26

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -32.364 ± 0.513 χ^2/NDF : 26.1/1

Left Out: -16.965 ± 0.051 χ^2/NDF : 21902.1/24

Right Out: -45.394 ± 0.309 χ^2/NDF : 4478.2/3

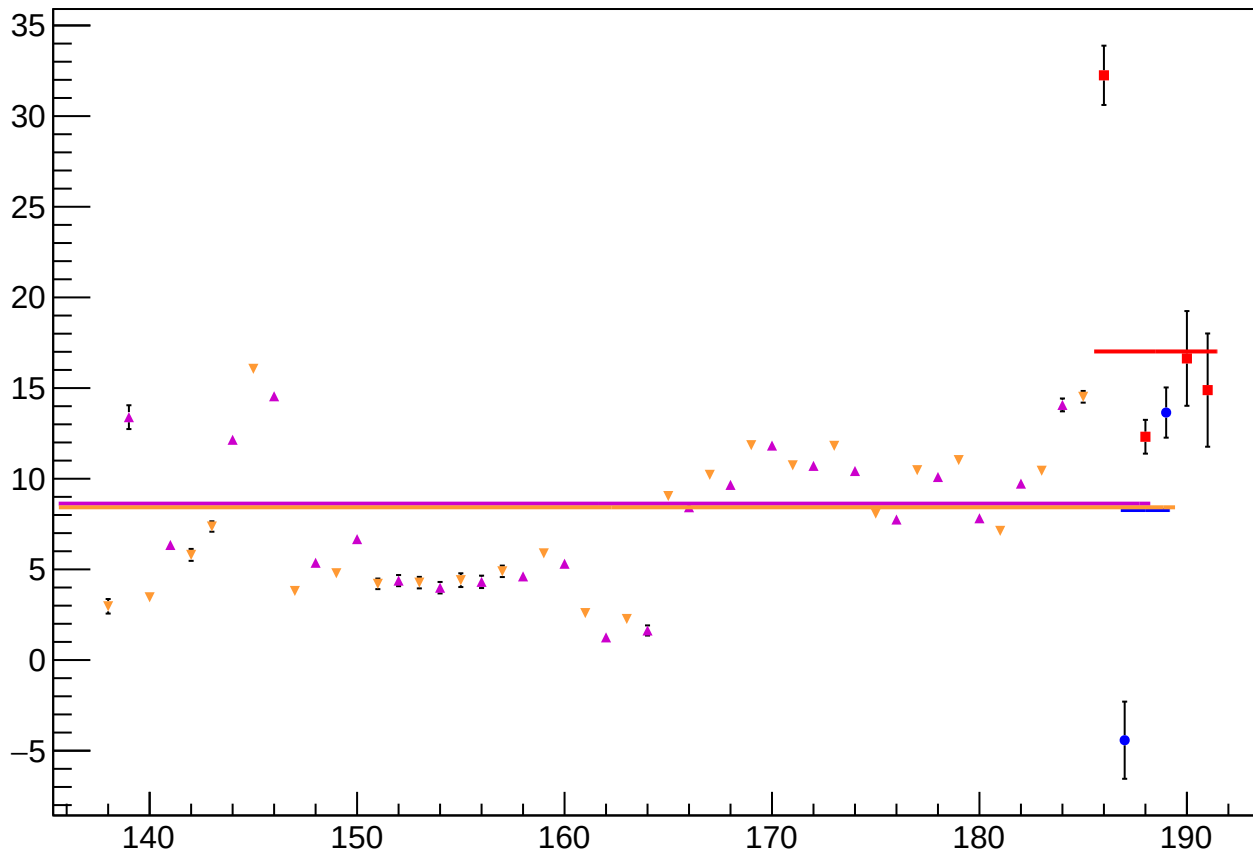
Left In: -16.764 ± 0.051 χ^2/NDF : 19037.7/22

+ sign -17.117 ± 0.051 χ^2/NDF : 22820.3/26

All: -17.325 ± 0.036 χ^2/NDF : 54704.9/53

- sign -17.531 ± 0.051 χ^2/NDF : 31851.2/26

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: 17.019+/-0.750 χ^2/NDF : 112.7/3

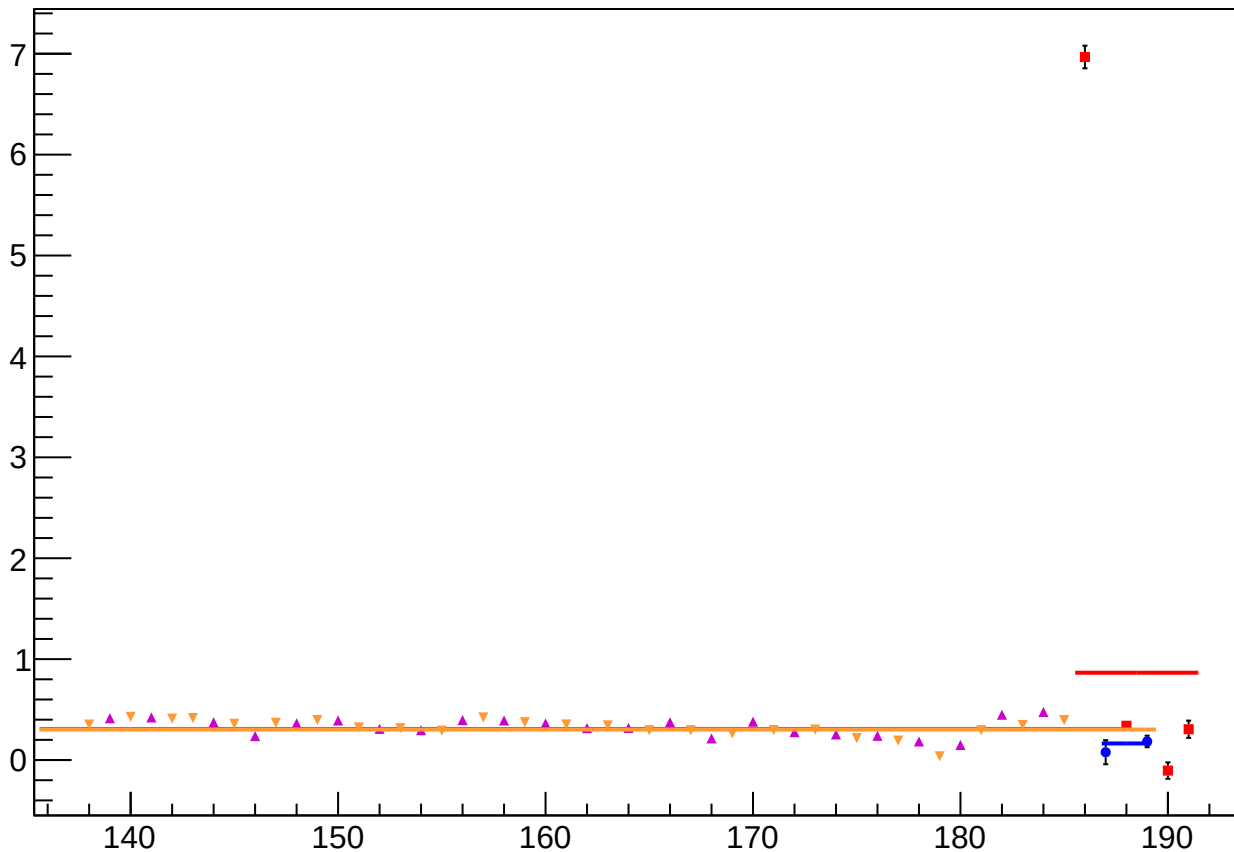
Left In: 8.626+/-0.046 χ^2/NDF : 5531.9/22

+ sign 8.424+/-0.046 χ^2/NDF : 6529.3/26

All: 8.540+/-0.032 χ^2/NDF : 12311.5/53

- sign 8.657+/-0.046 χ^2/NDF : 5769.2/26

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: 0.865 $\pm$ 0.034 χ^2 /NDF: 3281.1/3

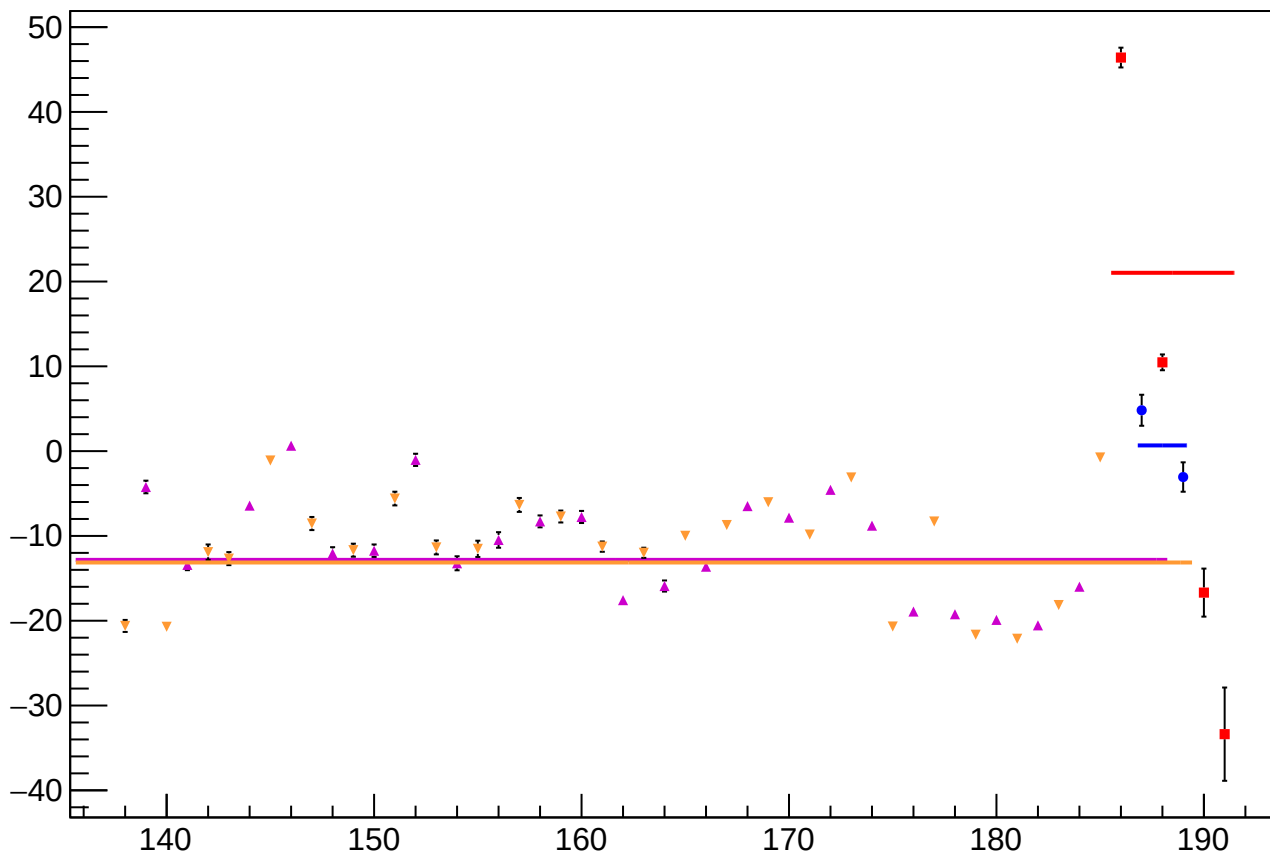
Left In: 0.307 $\pm$ 0.002 χ^2 /NDF: 1716.8/22

+ sign 0.302 $\pm$ 0.002 χ^2 /NDF: 1597.6/26

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 6870.0/53

- sign 0.309 $\pm$ 0.002 χ^2 /NDF: 5266.5/26

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.673 ± 1.258 $\chi^2/\text{NDF}: 9.8/1$

Left Out: -13.133 ± 0.094 $\chi^2/\text{NDF}: 5974.5/24$

Right Out: 21.030 ± 0.700 $\chi^2/\text{NDF}: 877.0/3$

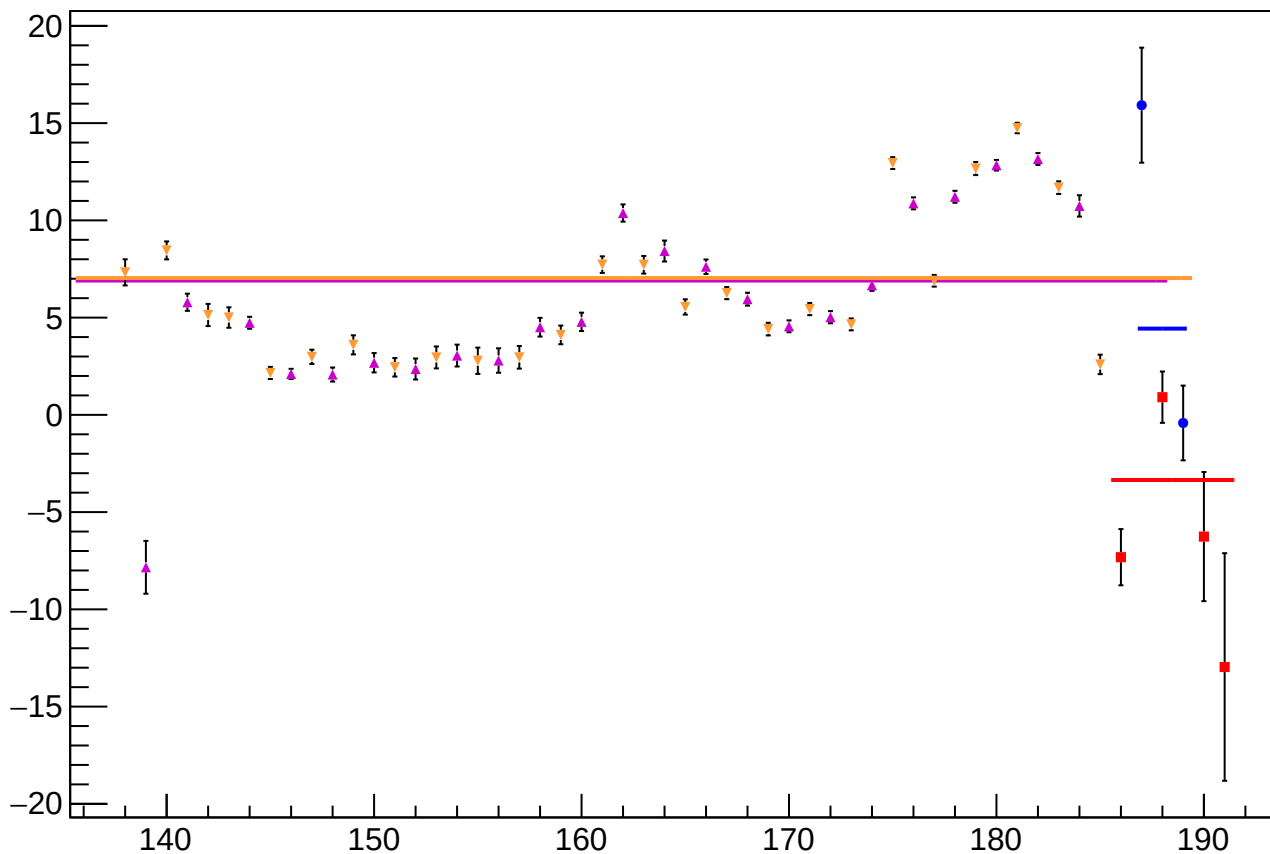
Left In: -12.823 ± 0.095 $\chi^2/\text{NDF}: 4841.5/22$

+ sign -13.056 ± 0.093 $\chi^2/\text{NDF}: 6103.9/26$

All: -12.637 ± 0.066 $\chi^2/\text{NDF}: 14162.5/53$

- sign -12.214 ± 0.094 $\chi^2/\text{NDF}: 8018.1/26$

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 4.435 $\pm$ 1.611 χ^2 /NDF: 21.5/1

Left Out: 7.034 $\pm$ 0.077 χ^2 /NDF:2657.5/24

Right Out: -3.348 $\pm$ 0.923 χ^2 /NDF: 21.4/3

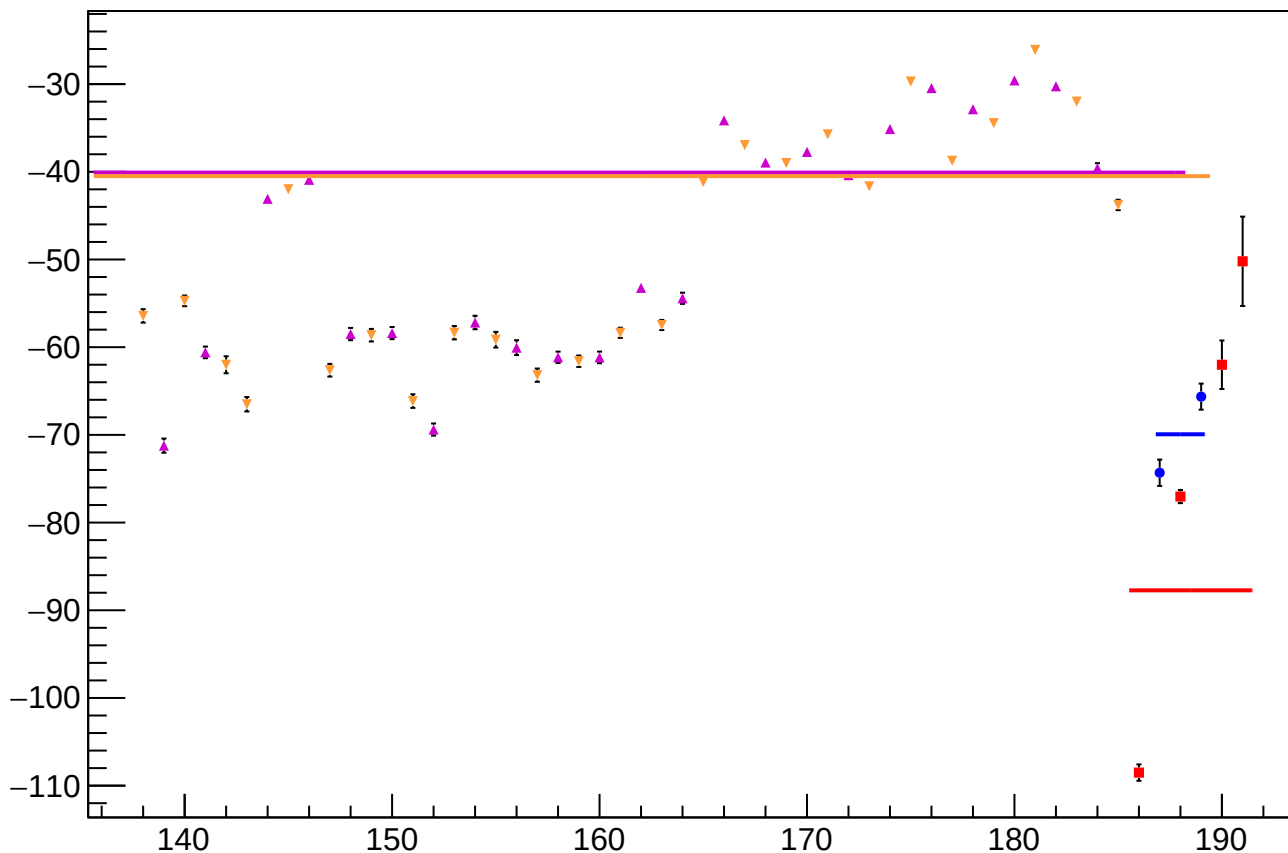
Left In: 6.906 $\pm$ 0.077 χ^2 /NDF:2442.8/22

+ sign 7.028 $\pm$ 0.077 χ^2 /NDF: 2681.6/26

All: 6.931 $\pm$ 0.055 χ^2 /NDF: 5271.4/53

- sign 6.835 $\pm$ 0.077 χ^2 /NDF: 2586.7/26

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: -87.727 ± 0.570 $\chi^2/\text{NDF}: 836.6/3$

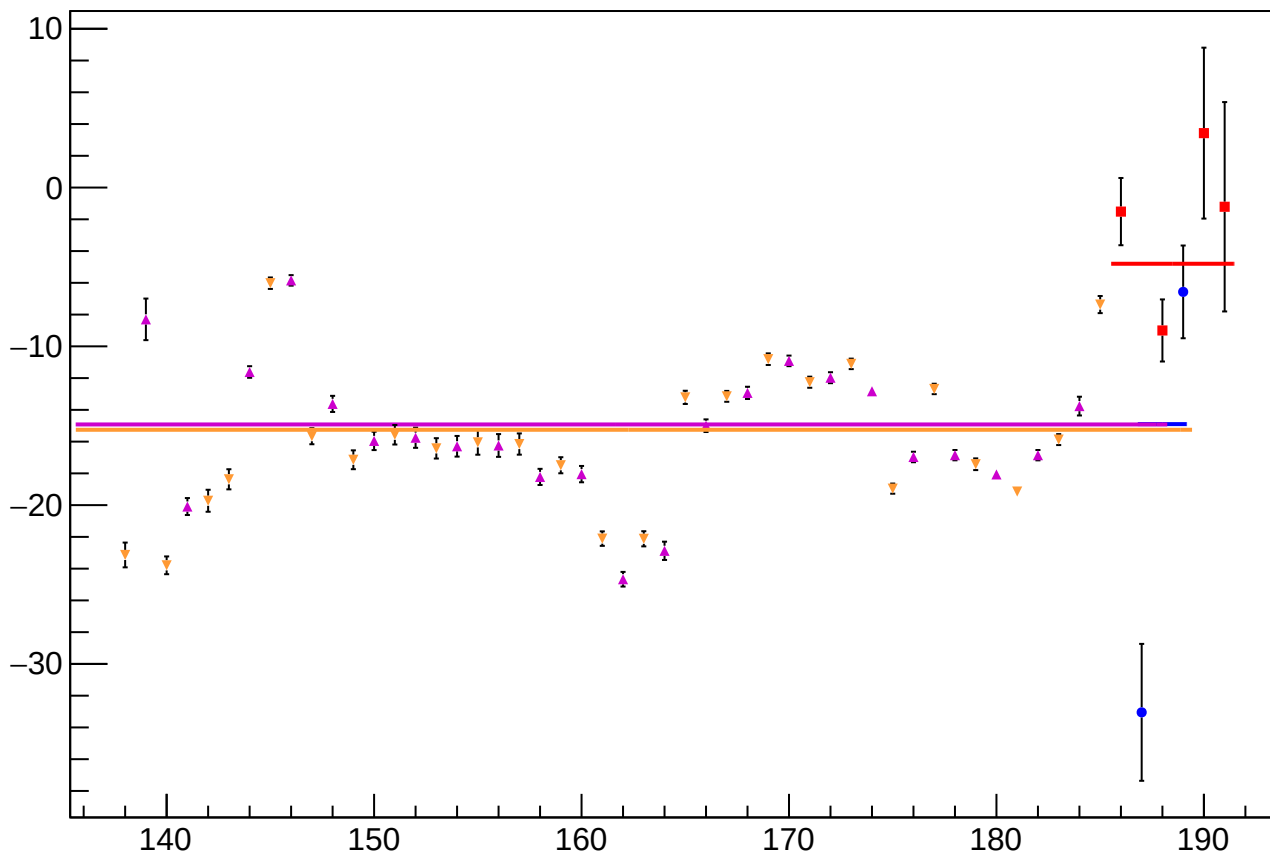
Left In: -40.091 ± 0.095 $\chi^2/\text{NDF}: 14103.5/22$

+ sign -40.727 ± 0.094 $\chi^2/\text{NDF}: 16221.4/26$

All: -41.059 ± 0.067 $\chi^2/\text{NDF}: 37989.3/53$

- sign -41.387 ± 0.094 $\chi^2/\text{NDF}: 21743.4/26$

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -14.898 ± 2.418 χ^2/NDF : 25.9/1

Left Out: -15.254 ± 0.086 χ^2/NDF : 2594.4/24

Right Out: -4.799 ± 1.358 χ^2/NDF : 9.7/3

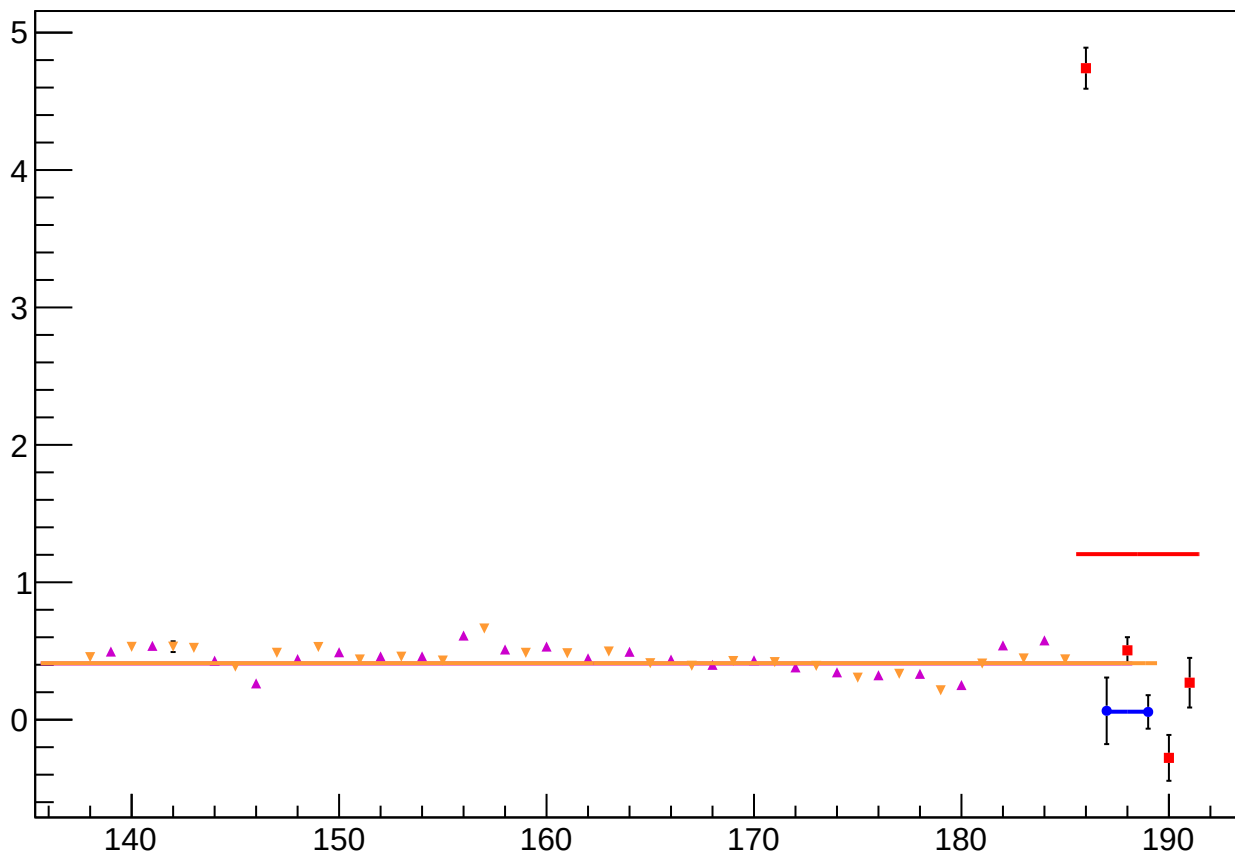
Left In: -14.919 ± 0.087 χ^2/NDF : 2207.7/22

+ sign -15.254 ± 0.086 χ^2/NDF : 2620.3/26

All: -15.067 ± 0.061 χ^2/NDF : 4902.5/53

- sign -14.878 ± 0.086 χ^2/NDF : 2272.7/26

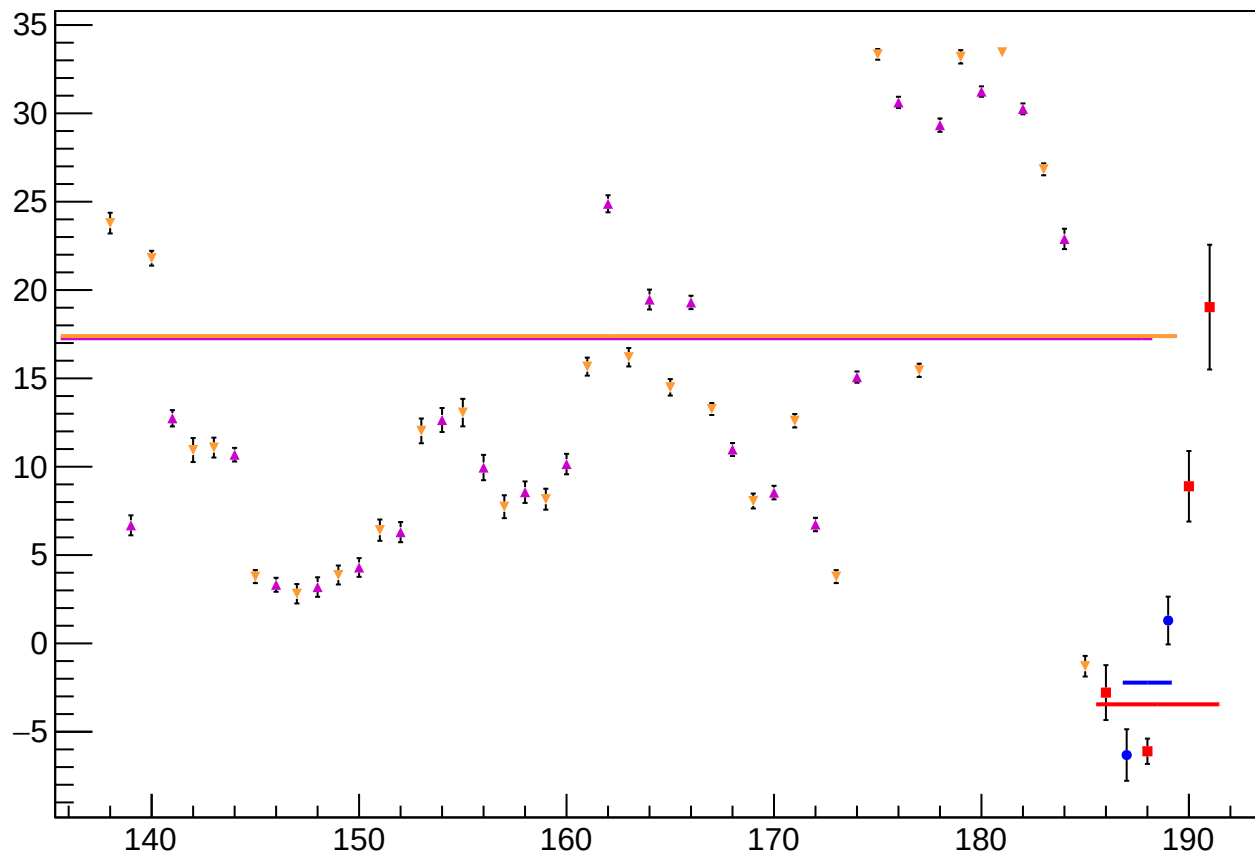
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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: 1.205 $\pm$ 0.067 χ^2 /NDF: 719.8/3
 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: 0.411 $\pm$ 0.003 χ^2 /NDF: 1860.2/53
 - sign 0.412 $\pm$ 0.004 χ^2 /NDF: 1420.9/26

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -2.220 $\pm$ 0.991 χ^2 /NDF: 14.7/1

Left Out: 17.393 $\pm$ 0.087 χ^2 /NDF:16305.7/24

Right Out: -3.448 $\pm$ 0.610 χ^2 /NDF: 92.7/3

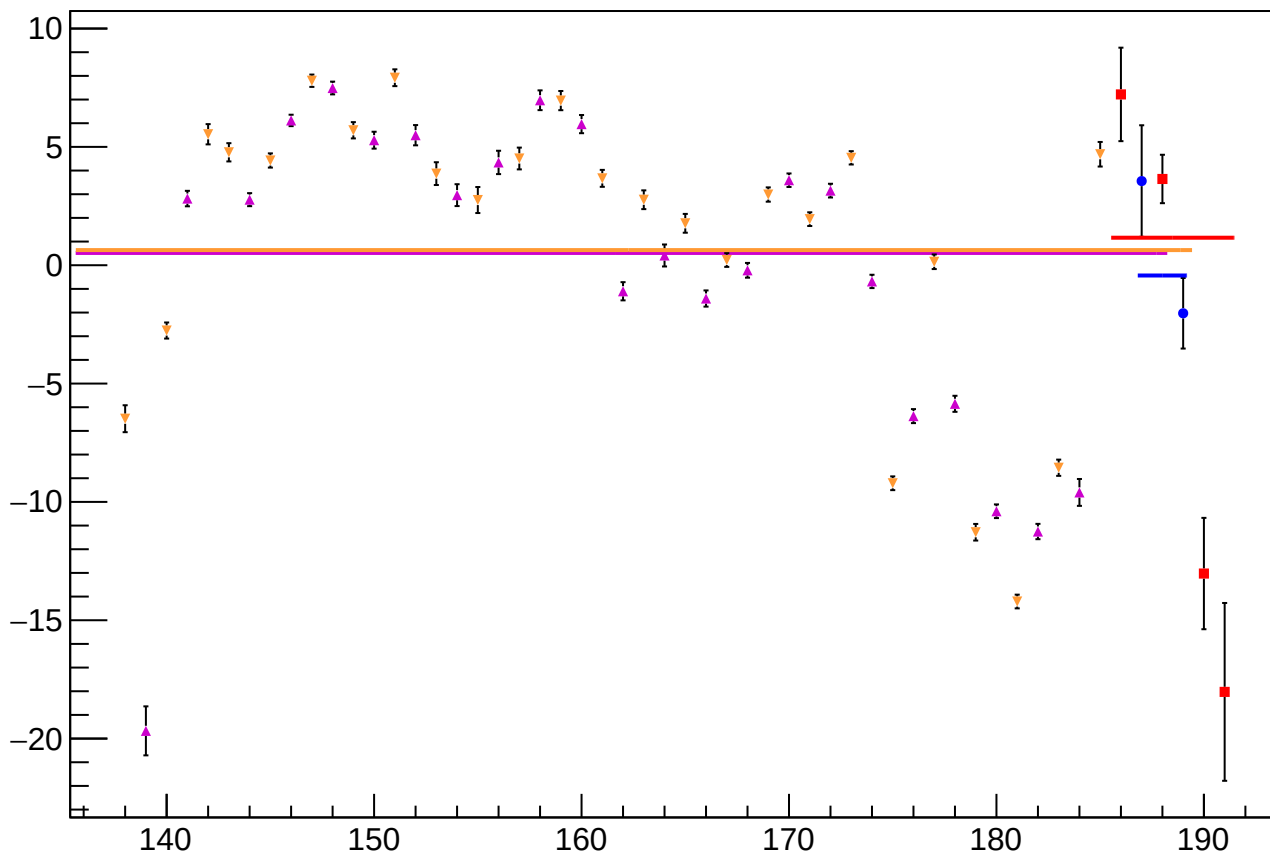
Left In: 17.271 $\pm$ 0.088 χ^2 /NDF:12892.2/22

+ sign 17.242 $\pm$ 0.087 χ^2 /NDF: 16709.0/26

All: 17.044 $\pm$ 0.062 χ^2 /NDF: 30835.8/53

- sign 16.843 $\pm$ 0.088 χ^2 /NDF: 14116.4/26

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: 1.162 ± 0.827 χ^2/NDF : 77.8/3

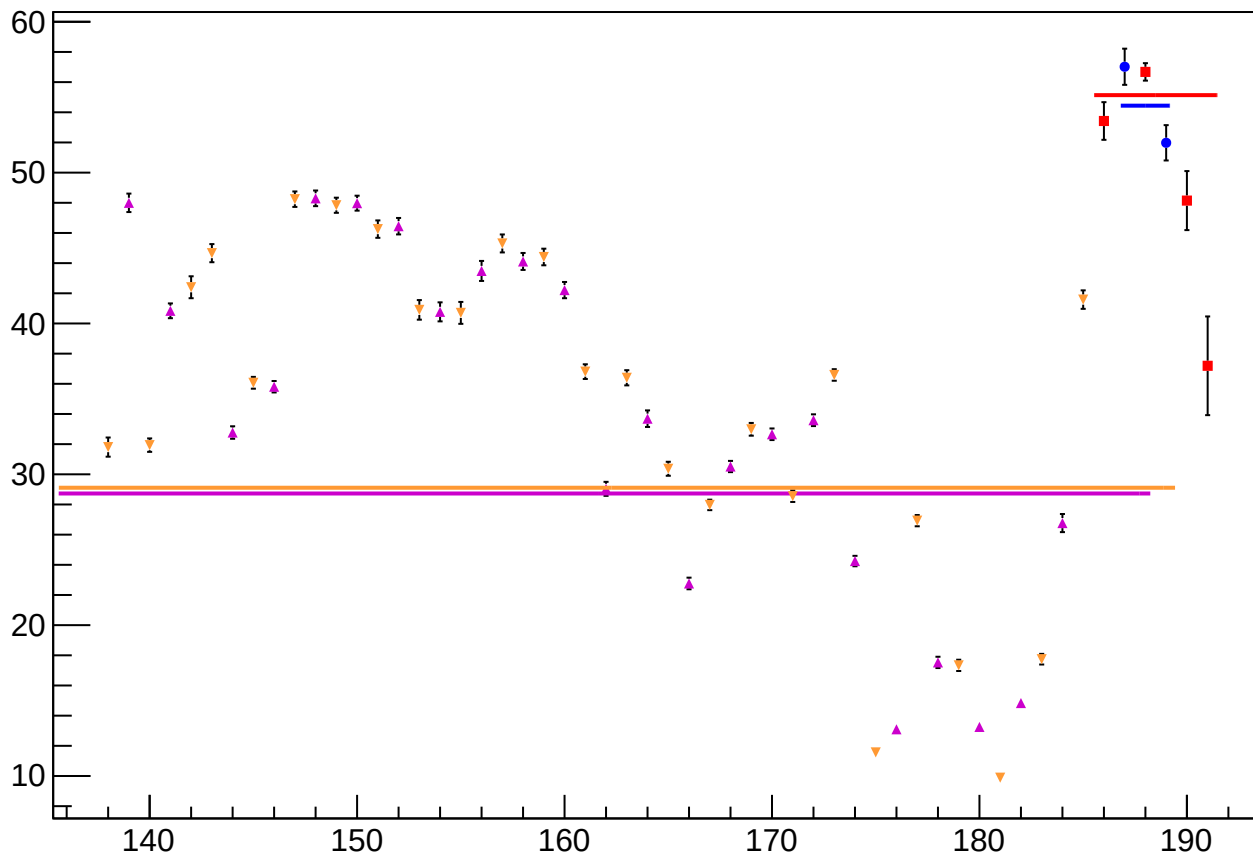
Left In: 0.519 ± 0.071 χ^2/NDF : 6776.8/22

+ sign 0.636 ± 0.069 χ^2/NDF : 8519.6/26

All: 0.581 ± 0.049 χ^2/NDF : 15376.1/53

- sign 0.524 ± 0.070 χ^2/NDF : 6855.2/26

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 54.439 $\pm$ 0.838 χ^2 /NDF: 9.0/1

Left Out: 29.110 $\pm$ 0.088 χ^2 /NDF:18845.8/24

Right Out: 55.137 $\pm$ 0.501 χ^2 /NDF: 51.8/3

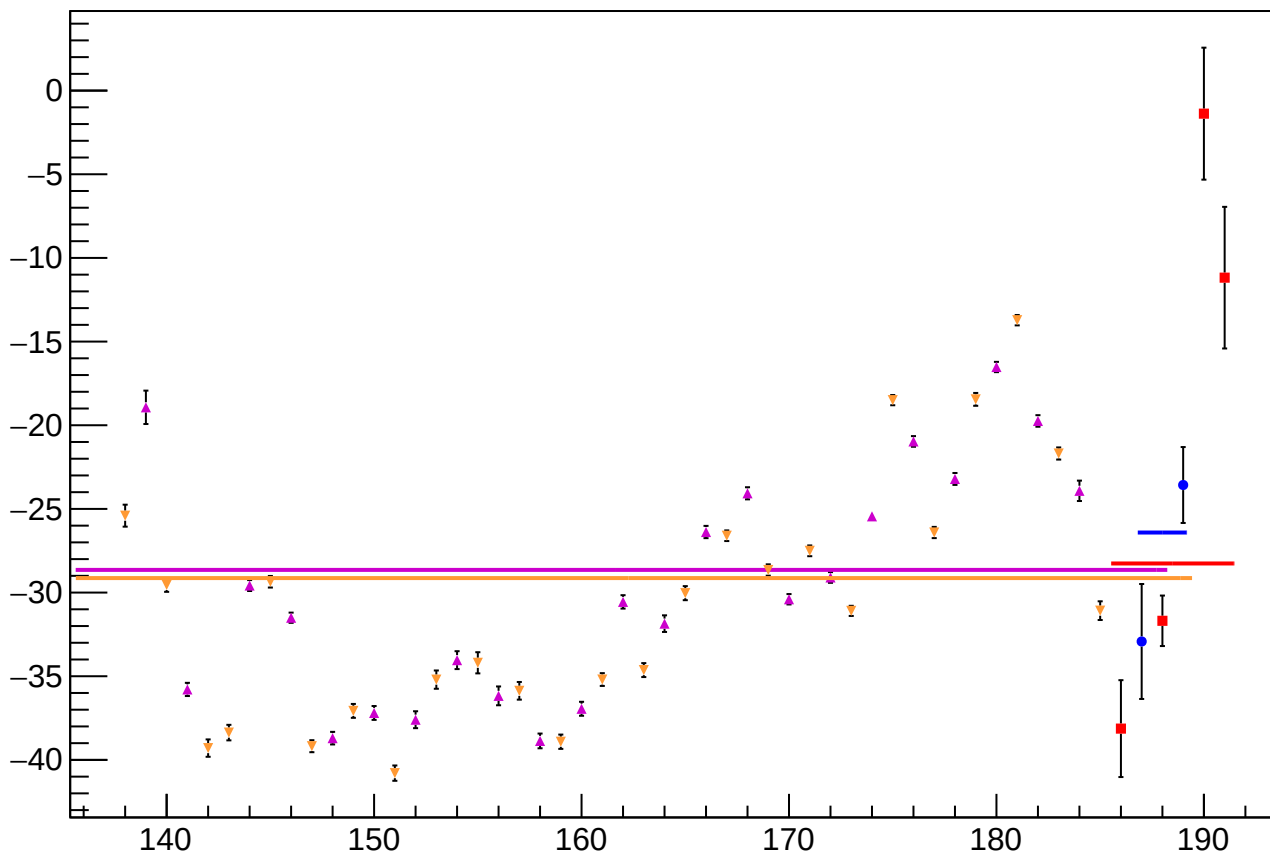
Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

+ sign 29.386 $\pm$ 0.087 χ^2 /NDF: 19758.8/26

All: 29.459 $\pm$ 0.062 χ^2 /NDF: 39543.6/53

- sign 29.532 $\pm$ 0.087 χ^2 /NDF: 19783.3/26

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -26.412 $\pm$ 1.893 χ^2/NDF : 5.2/1

Left Out: -29.134 $\pm$ 0.078 χ^2/NDF :8998.0/24

Right Out: -28.261 $\pm$ 1.214 χ^2/NDF : 79.5/3

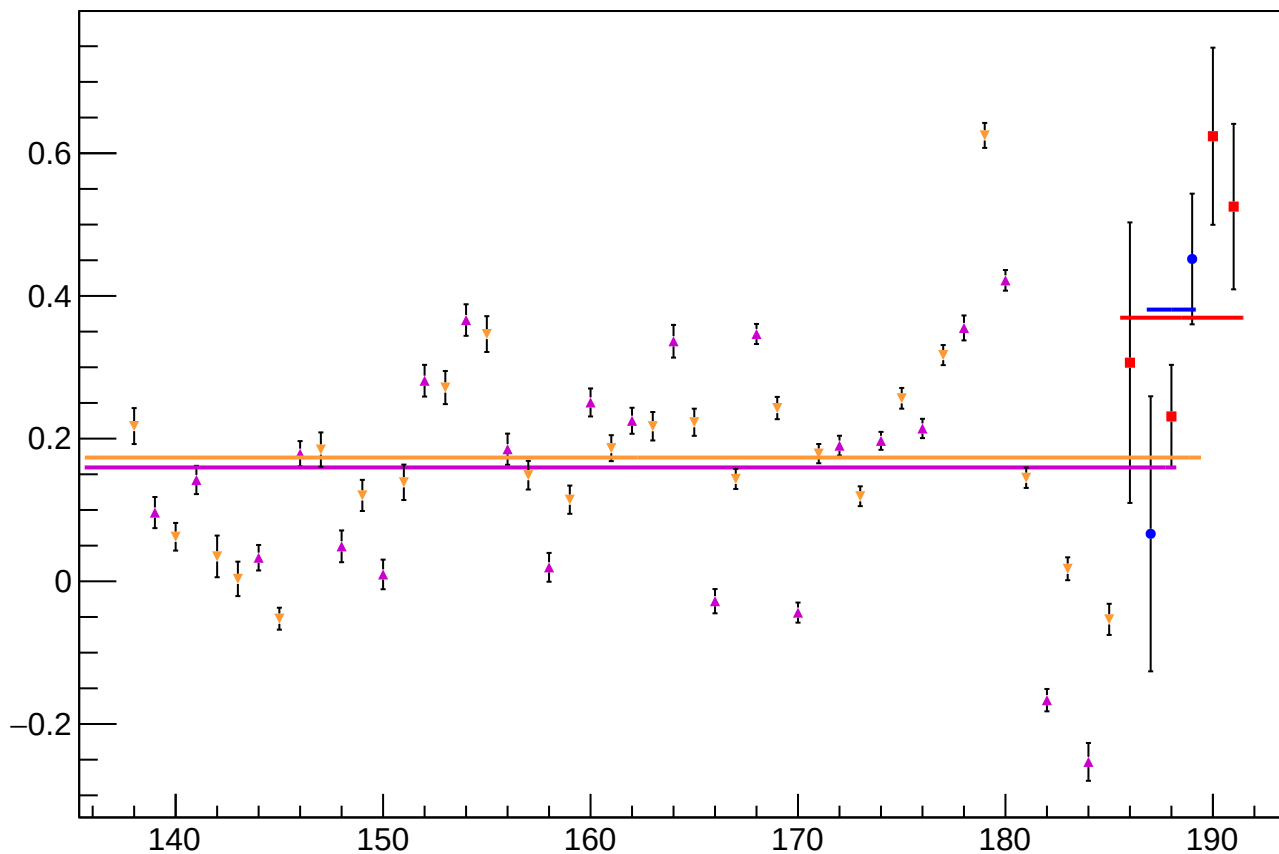
Left In: -28.645 $\pm$ 0.080 χ^2/NDF :6693.5/22

+ sign -29.129 $\pm$ 0.078 χ^2/NDF : 9005.3/26

All: -28.889 $\pm$ 0.056 χ^2/NDF : 15797.4/53

- sign -28.643 $\pm$ 0.079 χ^2/NDF : 6773.1/26

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.381 $\pm$ 0.083 χ^2 /NDF: 3.3/1

Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF: 1468.8/24

Right Out: 0.369 $\pm$ 0.053 χ^2 /NDF: 9.8/3

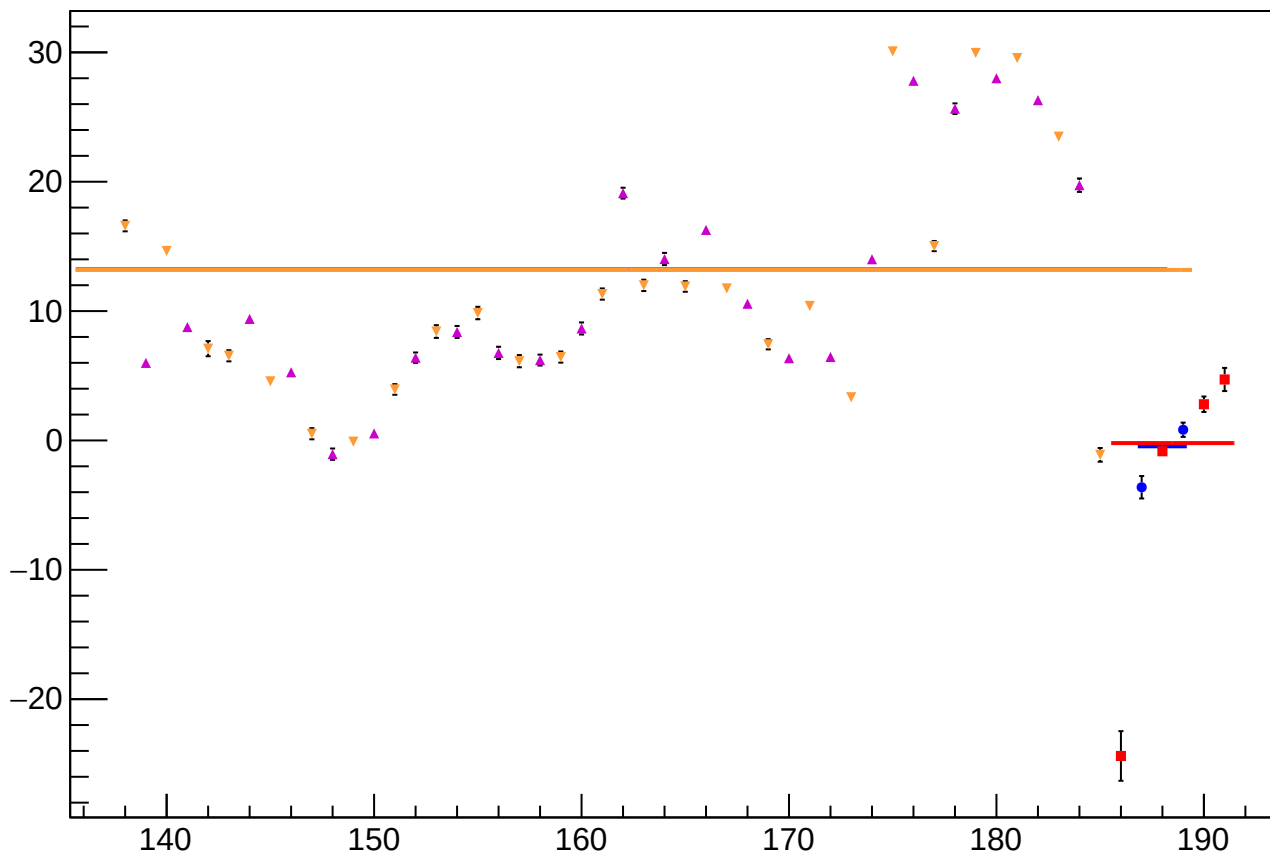
Left In: 0.160 $\pm$ 0.004 χ^2 /NDF: 2063.7/22

+ sign 0.174 $\pm$ 0.004 χ^2 /NDF: 1478.4/26

All: 0.167 $\pm$ 0.003 χ^2 /NDF: 3574.3/53

- sign 0.161 $\pm$ 0.004 χ^2 /NDF: 2089.1/26

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: -0.203 ± 0.243 χ^2/NDF : 219.2/3

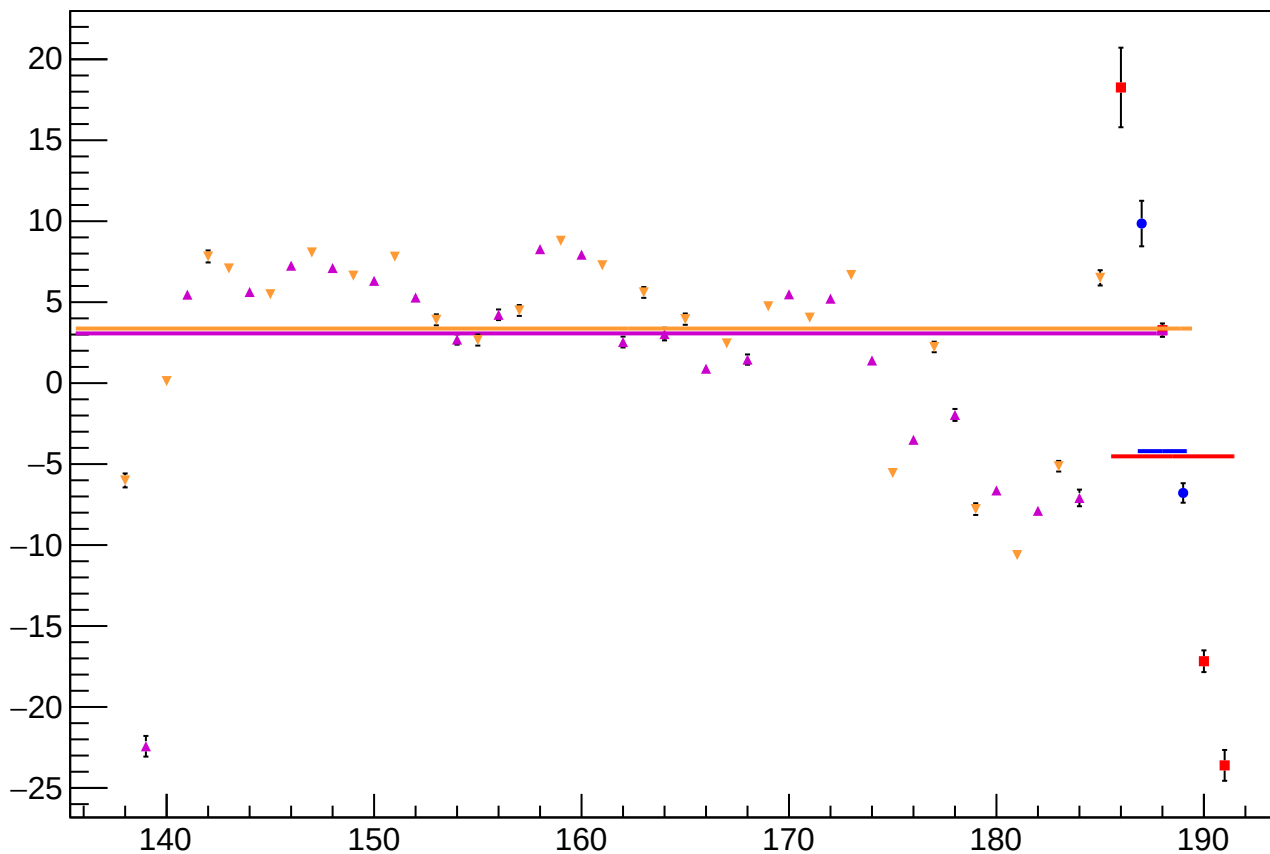
Left In: 13.228 ± 0.077 χ^2/NDF : 14126.1/22

+ sign 12.833 ± 0.074 χ^2/NDF : 17894.7/26

All: 12.417 ± 0.052 χ^2/NDF : 35073.7/53

- sign 12.016 ± 0.073 χ^2/NDF : 17117.8/26

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -4.200 $\pm$ 0.554 χ^2 /NDF: 118.4/1

Left Out: 3.372 $\pm$ 0.059 χ^2 /NDF:8053.7/24

Right Out: -4.522 $\pm$ 0.328 χ^2 /NDF: 1197.1/3

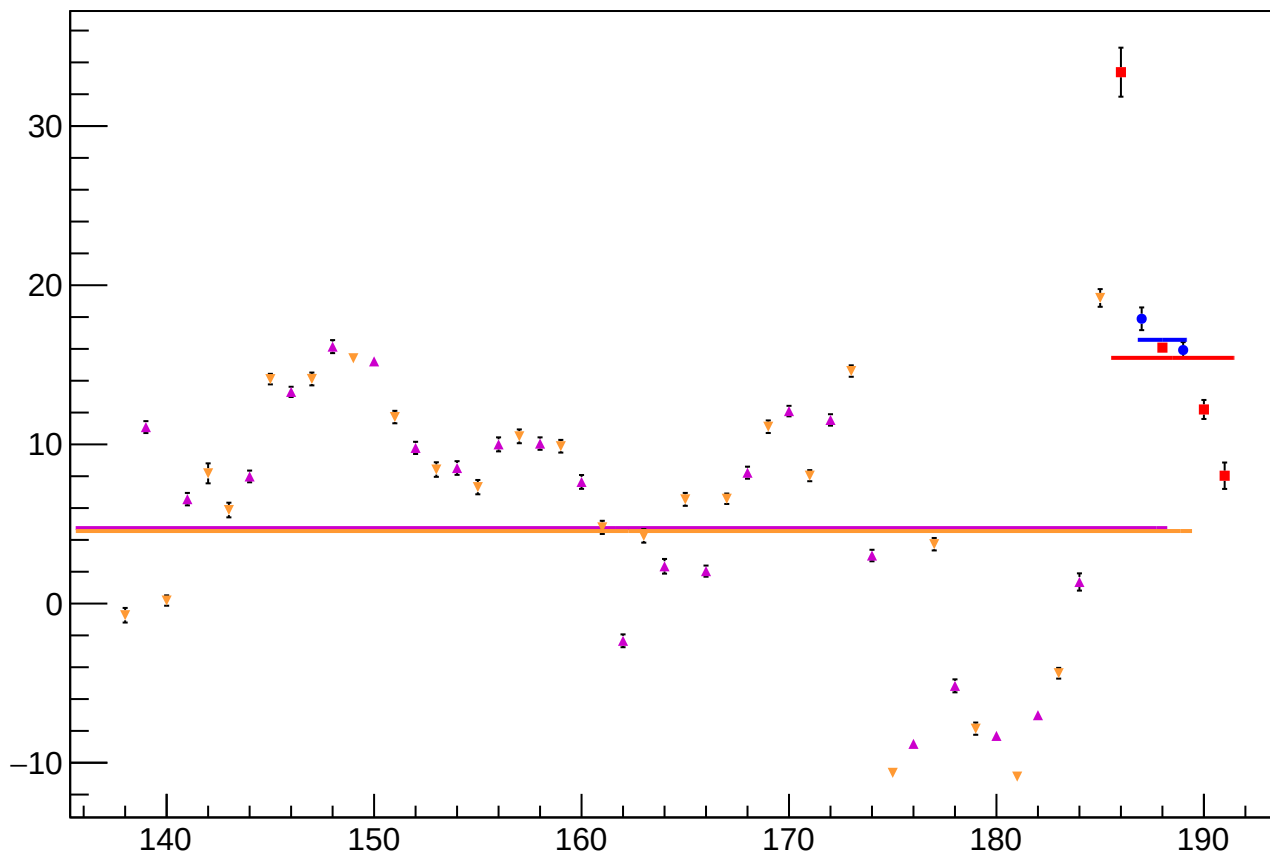
Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

+ sign 3.288 $\pm$ 0.058 χ^2 /NDF: 8357.0/26

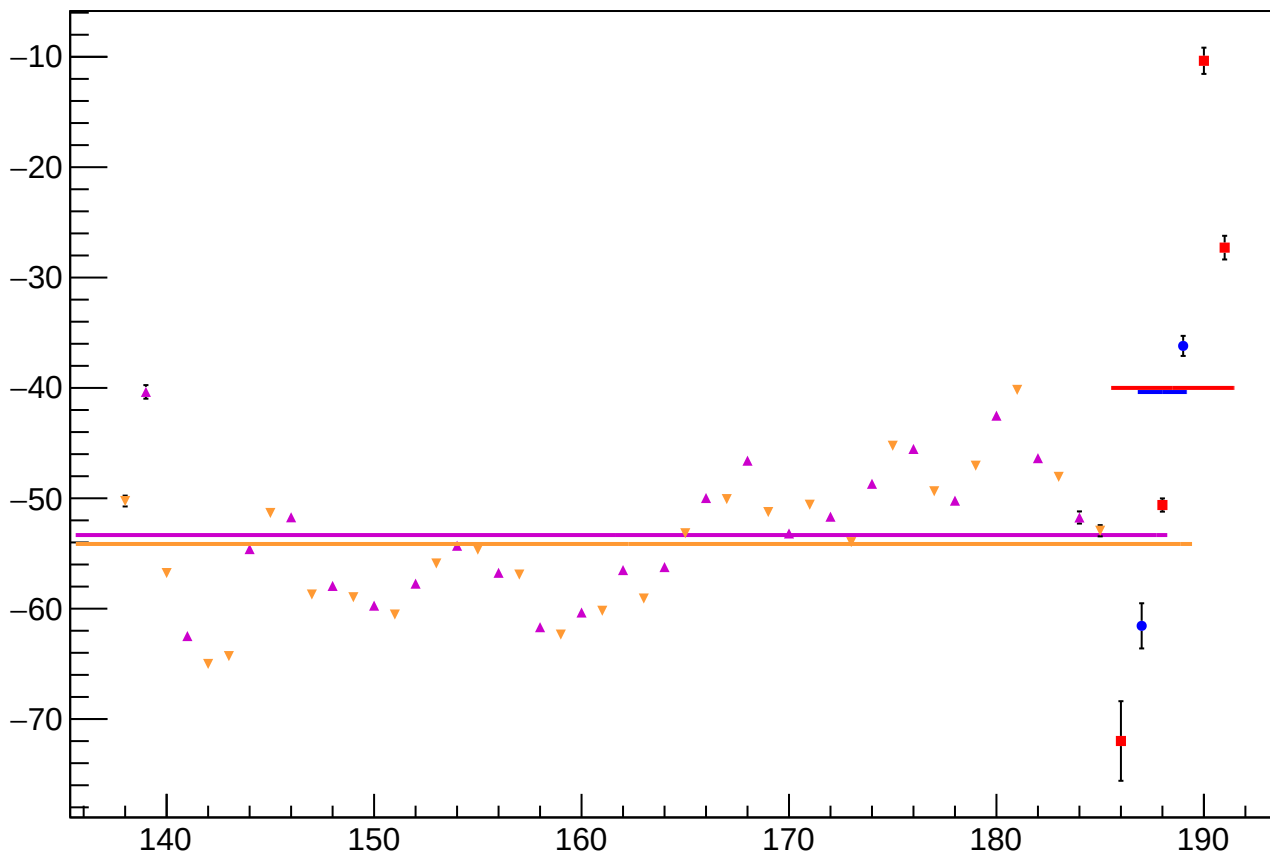
All: 3.060 $\pm$ 0.042 χ^2 /NDF: 17373.8/53

- sign 2.822 $\pm$ 0.059 χ^2 /NDF: 8985.4/26

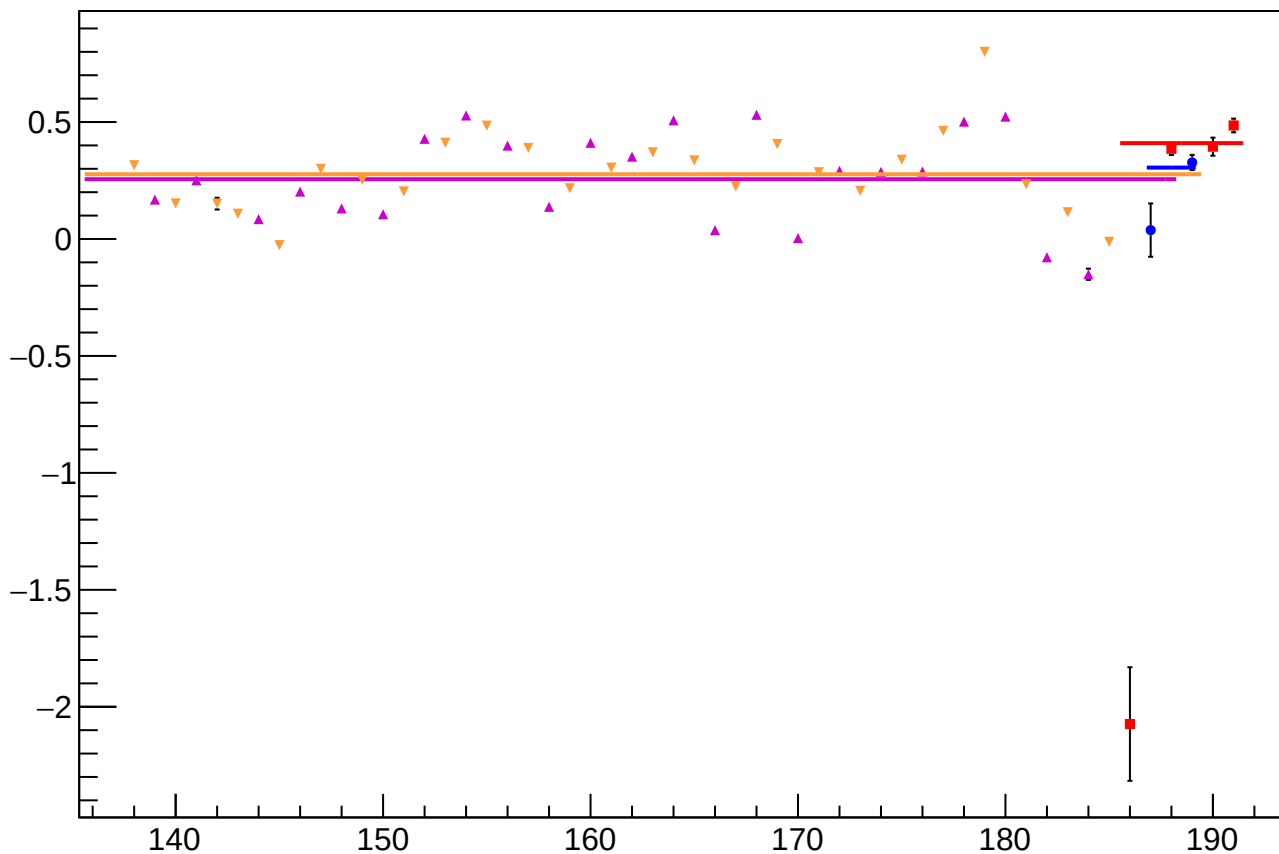
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.305 ± 0.031 χ^2/NDF : 6.0/1

Left Out: 0.277 ± 0.003 χ^2/NDF : 2606.0/24

Right Out: 0.410 ± 0.017 χ^2/NDF : 112.3/3

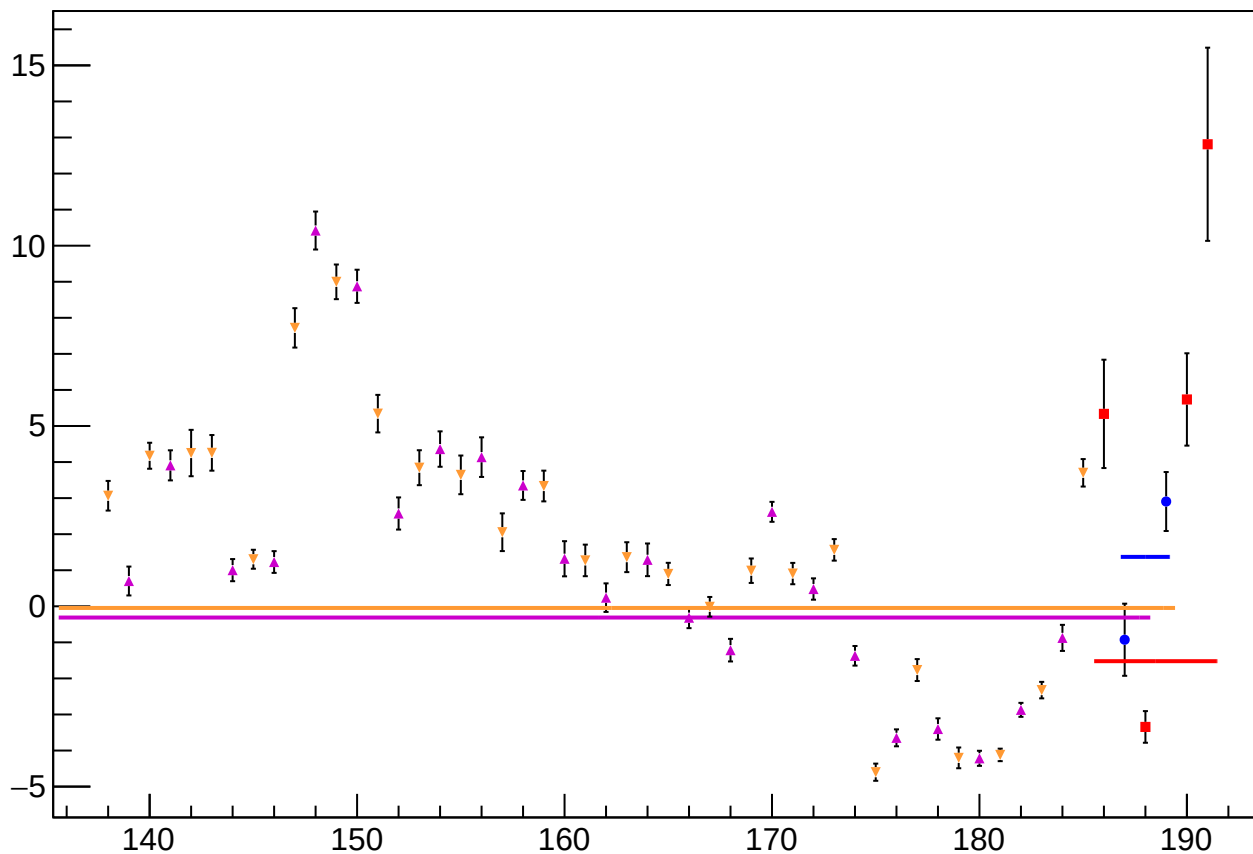
Left In: 0.256 ± 0.003 χ^2/NDF : 3644.0/22

+ sign 0.277 ± 0.003 χ^2/NDF : 2612.8/26

All: 0.269 ± 0.002 χ^2/NDF : 6459.8/53

- sign 0.260 ± 0.003 χ^2/NDF : 3832.0/26

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.370 ± 0.633 χ^2/NDF : 8.8/1

Left Out: -0.046 ± 0.066 χ^2/NDF : 2628.9/24

Right Out: -1.522 ± 0.396 χ^2/NDF : 98.9/3

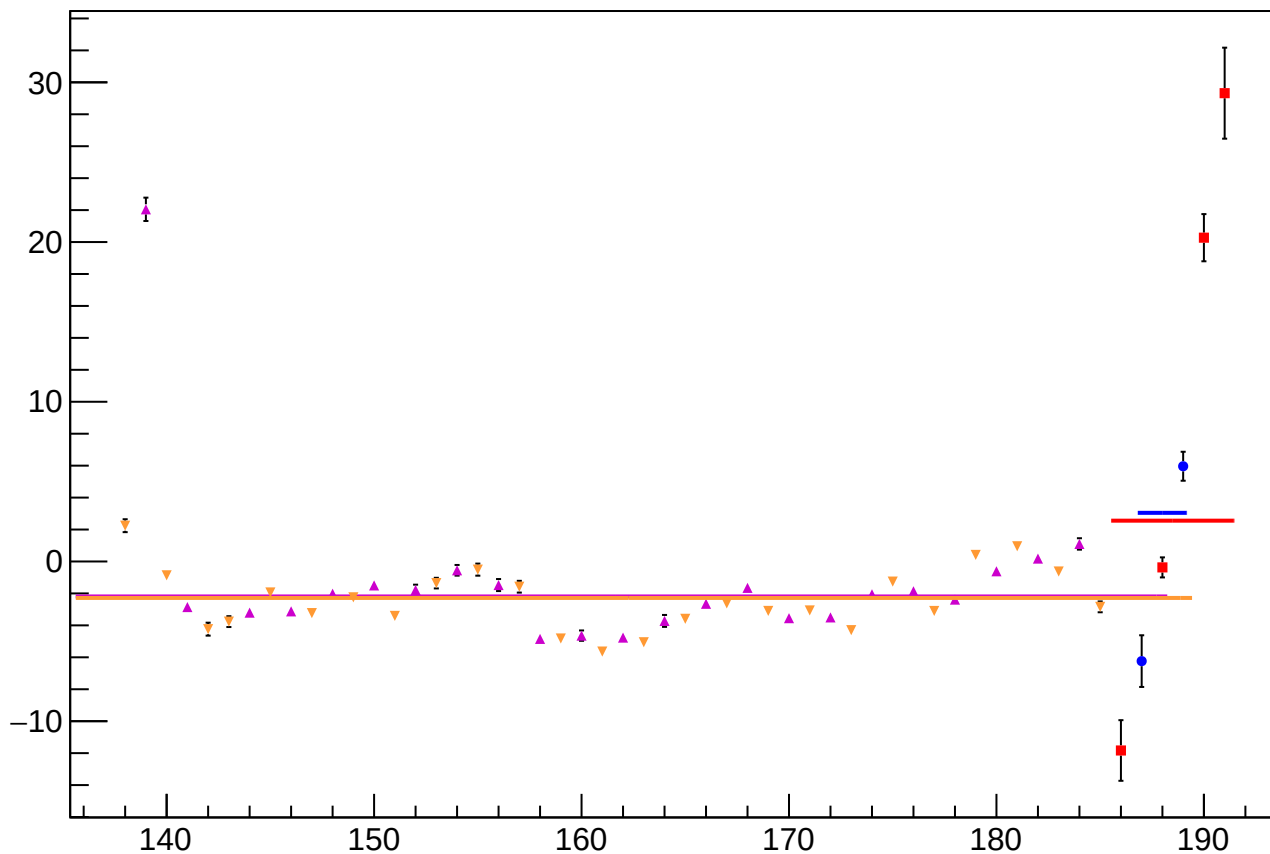
Left In: -0.312 ± 0.067 χ^2/NDF : 2252.6/22

+ sign -0.030 ± 0.066 χ^2/NDF : 2642.6/26

All: -0.187 ± 0.047 χ^2/NDF : 5014.7/53

- sign -0.346 ± 0.066 χ^2/NDF : 2360.6/26

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 3.045 ± 0.791 $\chi^2/\text{NDF}: 43.3/1$

Left Out: -2.283 ± 0.054 $\chi^2/\text{NDF}: 1132.1/24$

Right Out: 2.555 ± 0.543 $\chi^2/\text{NDF}: 311.3/3$

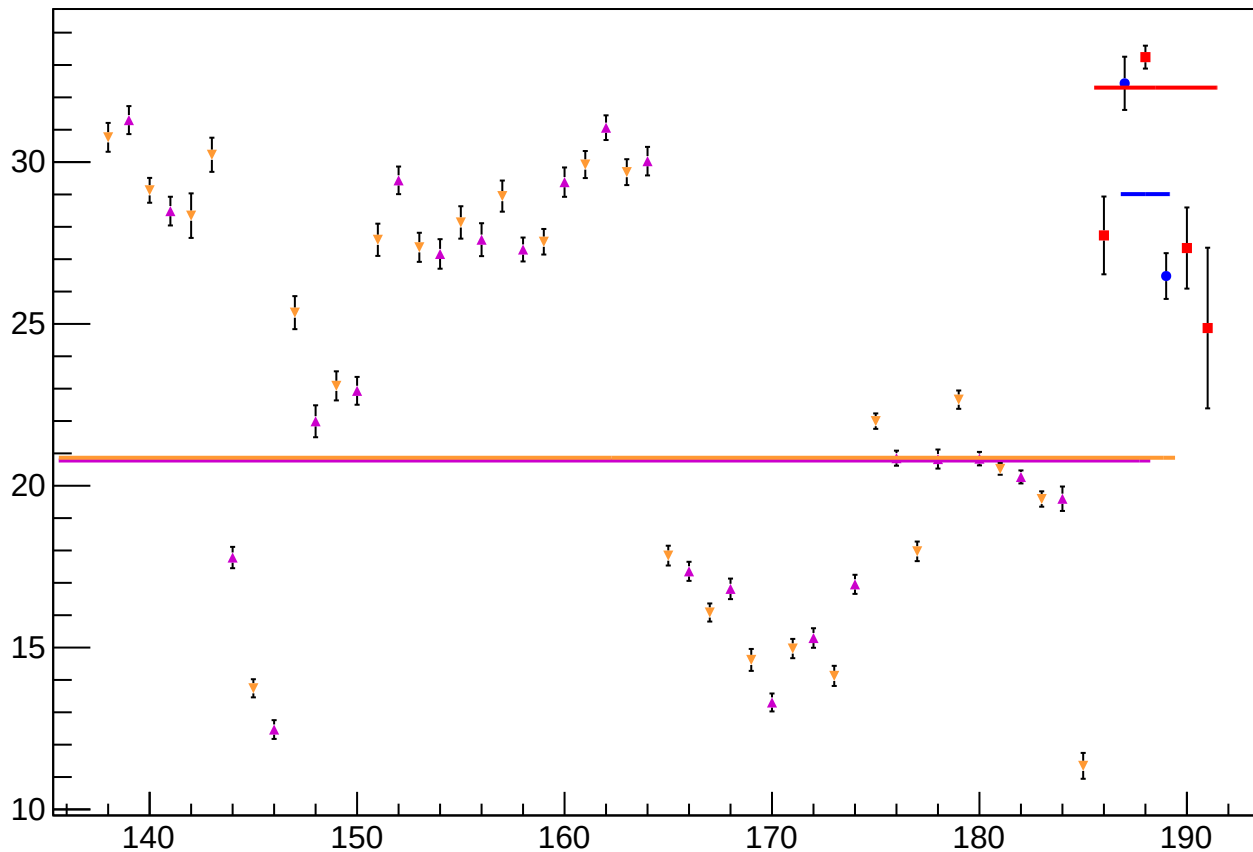
Left In: -2.190 ± 0.055 $\chi^2/\text{NDF}: 1785.1/22$

+ sign -2.258 ± 0.054 $\chi^2/\text{NDF}: 1220.5/26$

All: -2.200 ± 0.038 $\chi^2/\text{NDF}: 3394.9/53$

- sign -2.142 ± 0.055 $\chi^2/\text{NDF}: 2172.1/26$

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: 32.301 $\pm$ 0.325 χ^2 /NDF: 46.1/3

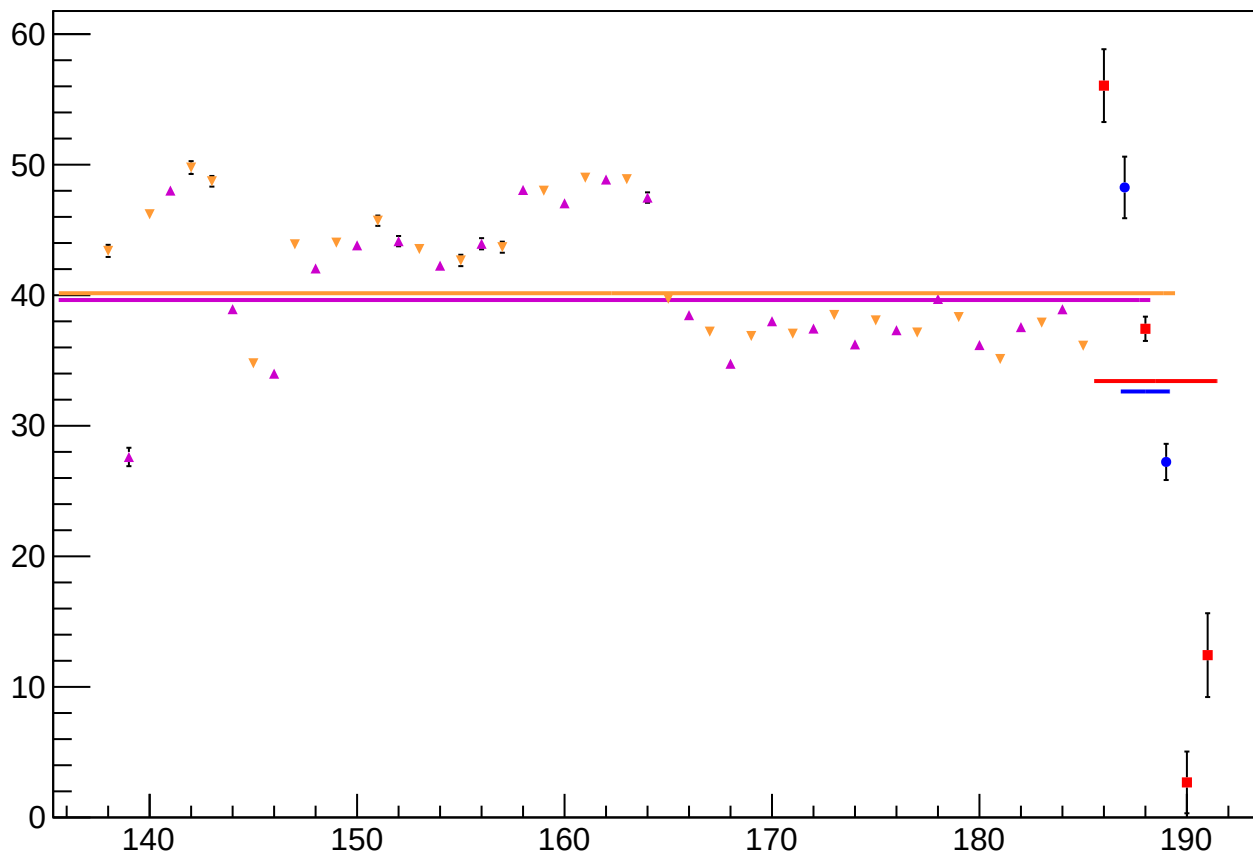
Left In: 20.780 $\pm$ 0.067 χ^2 /NDF: 5988.0/22

+ sign 20.989 $\pm$ 0.066 χ^2 /NDF: 6865.9/26

All: 21.122 $\pm$ 0.047 χ^2 /NDF: 14113.9/53

- sign 21.253 $\pm$ 0.066 χ^2 /NDF: 7240.0/26

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: 33.426 $\pm$ 0.800 χ^2 /NDF: 296.2/3

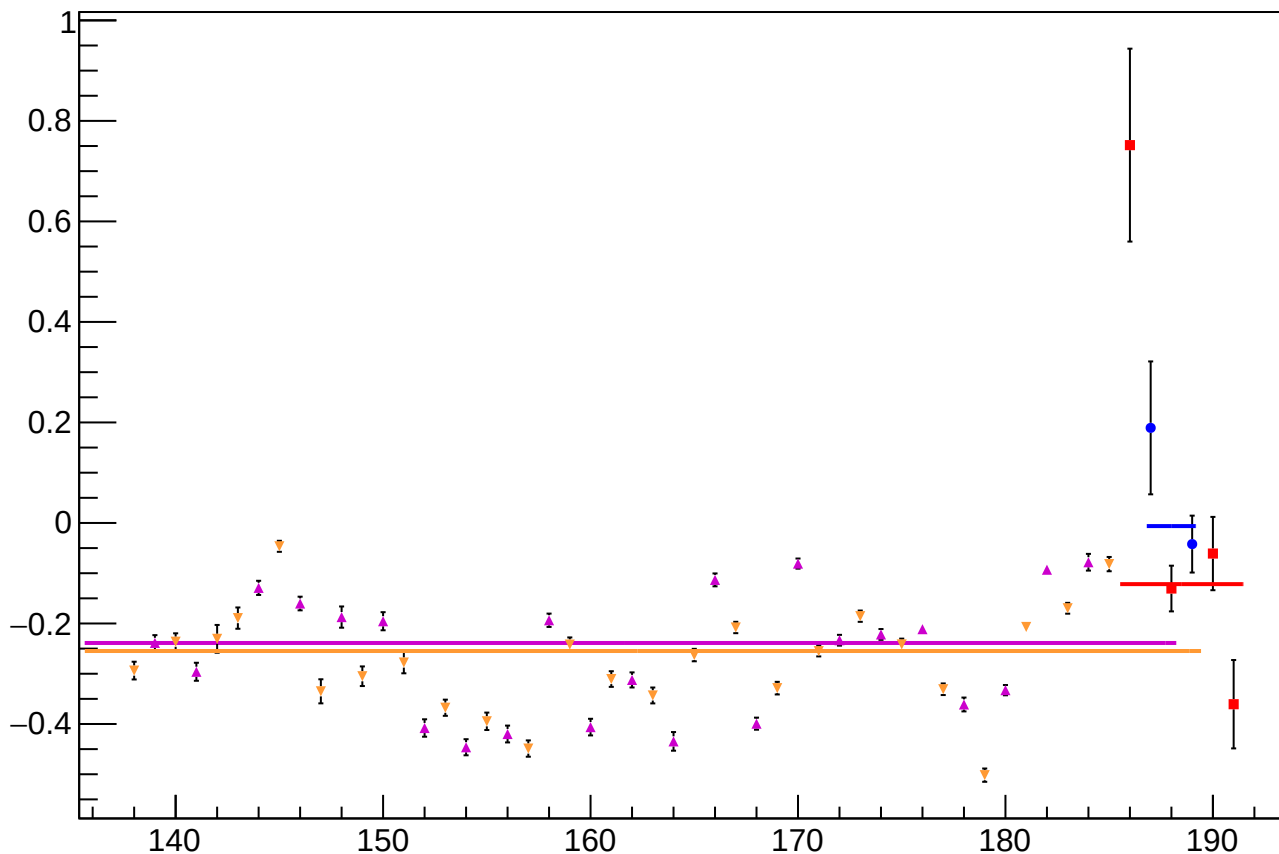
Left In: 39.632 $\pm$ 0.061 χ^2 /NDF: 5343.3/22

+ sign 40.135 $\pm$ 0.060 χ^2 /NDF: 5960.3/26

All: 39.868 $\pm$ 0.043 χ^2 /NDF: 11698.9/53

- sign 39.596 $\pm$ 0.061 χ^2 /NDF: 5699.3/26

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: -0.122 ± 0.035 χ^2/NDF : 28.8/3

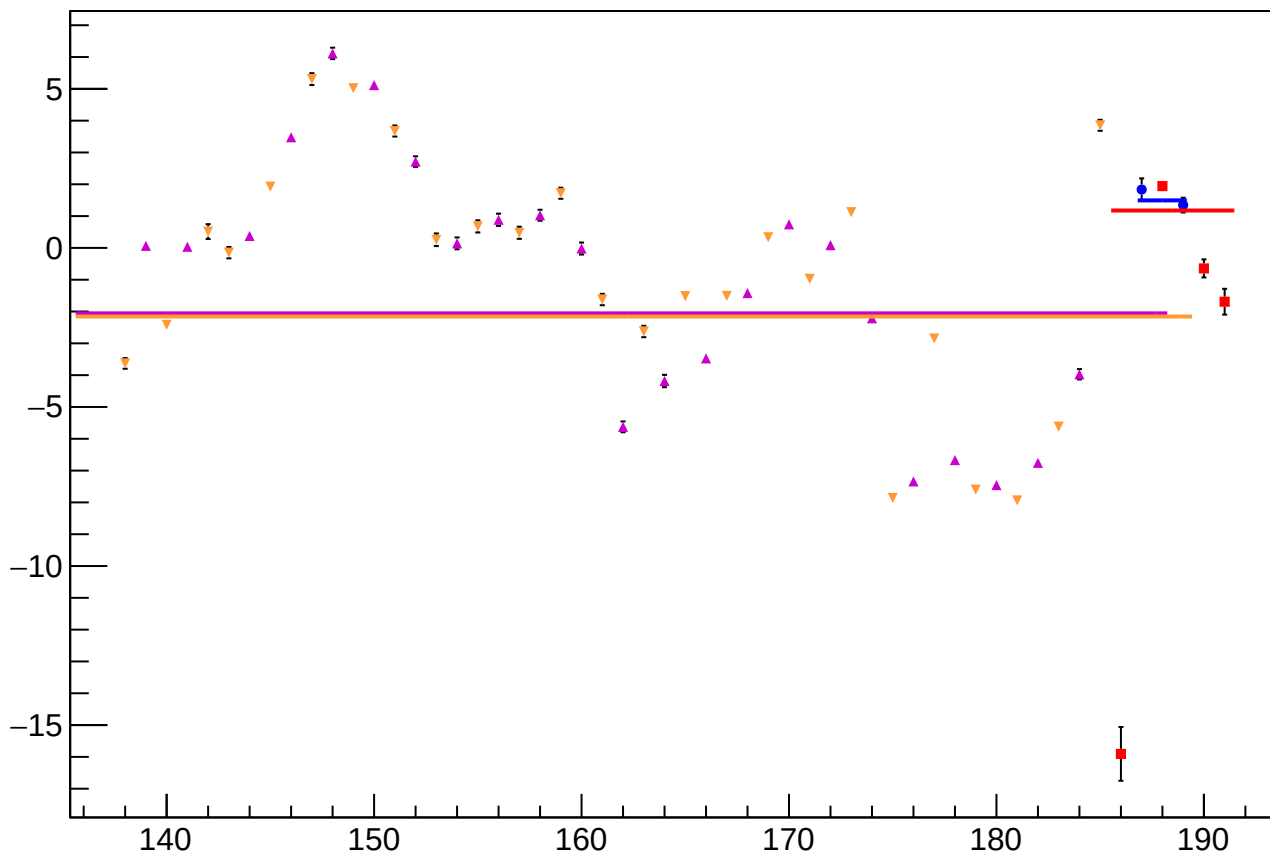
Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

+ sign -0.254 ± 0.003 χ^2/NDF : 1443.0/26

All: -0.246 ± 0.002 χ^2/NDF : 3250.1/53

- sign -0.238 ± 0.003 χ^2/NDF : 1790.1/26

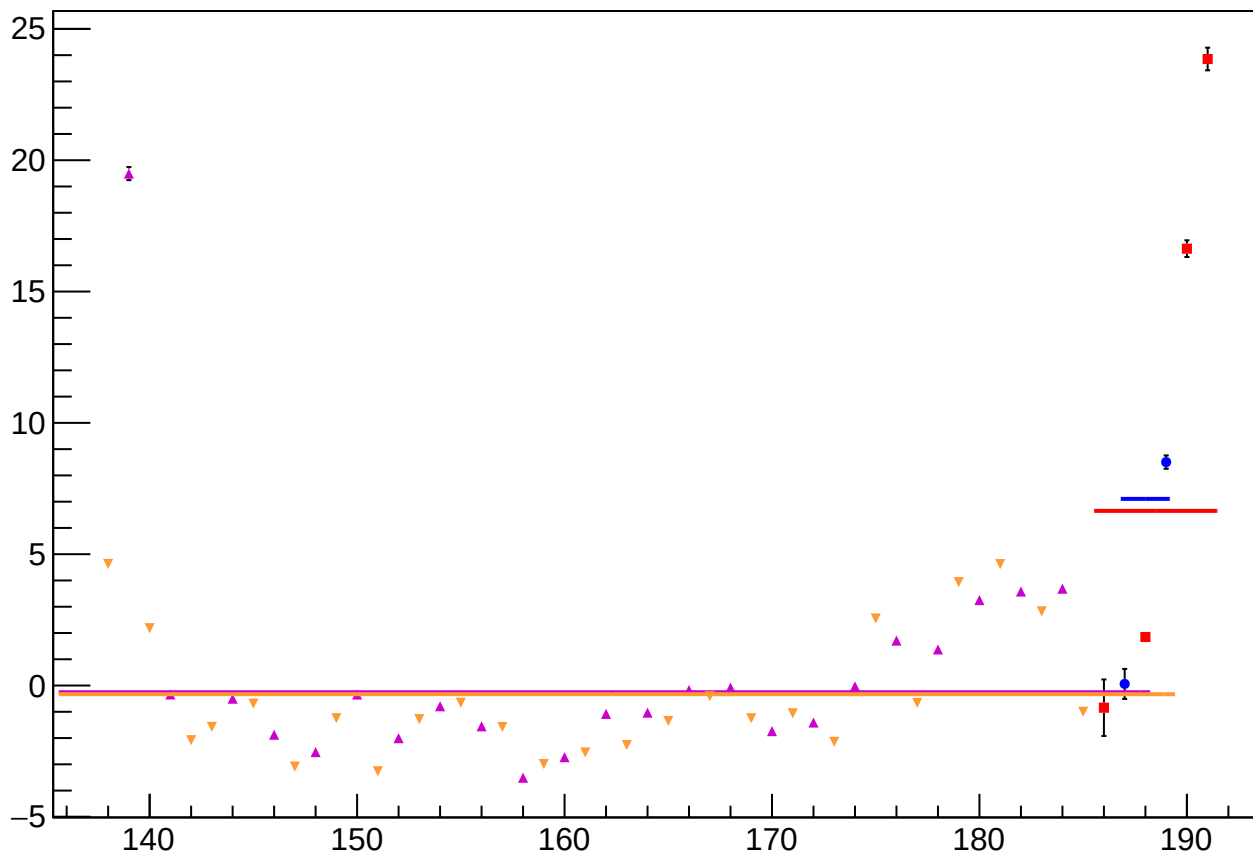
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.494 ± 0.194 χ^2/NDF : 1.3/1
 Left Out: -2.156 ± 0.026 χ^2/NDF : 24501.3/24
 Right Out: 1.176 ± 0.099 χ^2/NDF : 548.2/3
 Left In: -2.058 ± 0.026 χ^2/NDF : 23343.8/22

+ sign -2.093 ± 0.025 χ^2/NDF : 24851.5/26
 All: -1.969 ± 0.018 χ^2/NDF : 49797.3/53
 - sign -1.849 ± 0.025 χ^2/NDF : 24898.8/26

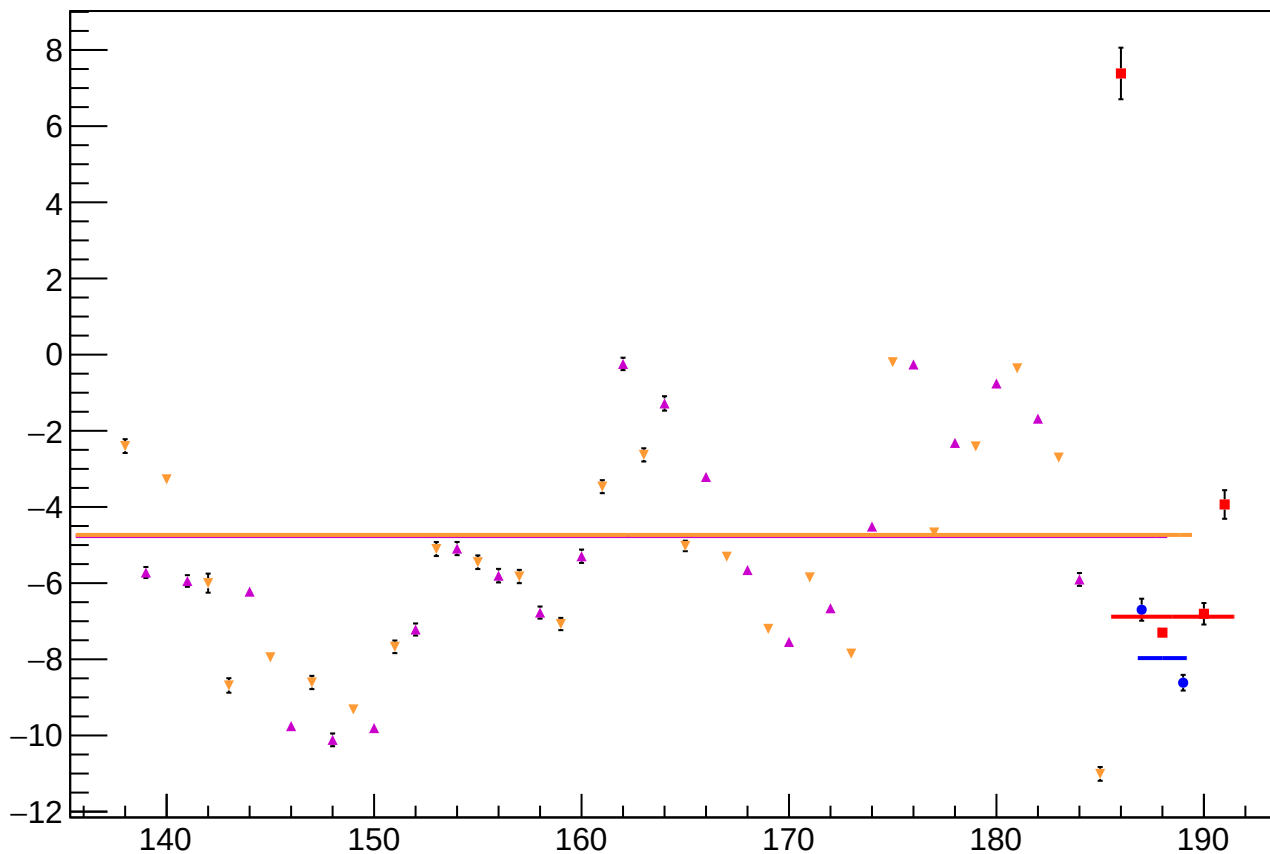
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 7.107 ± 0.232 $\chi^2/\text{NDF}: 182.6/1$
 Left Out: -0.331 ± 0.021 $\chi^2/\text{NDF}: 12552.3/24$
 Right Out: 6.650 ± 0.135 $\chi^2/\text{NDF}: 3506.1/3$
 Left In: -0.255 ± 0.021 $\chi^2/\text{NDF}: 14162.0/22$

+ sign -0.273 ± 0.021 $\chi^2/\text{NDF}: 13750.9/26$
 All: -0.184 ± 0.015 $\chi^2/\text{NDF}: 33993.6/53$
 - sign -0.095 ± 0.021 $\chi^2/\text{NDF}: 20205.3/26$

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -7.968 ± 0.168 $\chi^2/\text{NDF}: 29.1/1$

Left Out: -4.734 ± 0.026 $\chi^2/\text{NDF}: 13188.7/24$

Right Out: -6.881 ± 0.082 $\chi^2/\text{NDF}: 527.3/3$

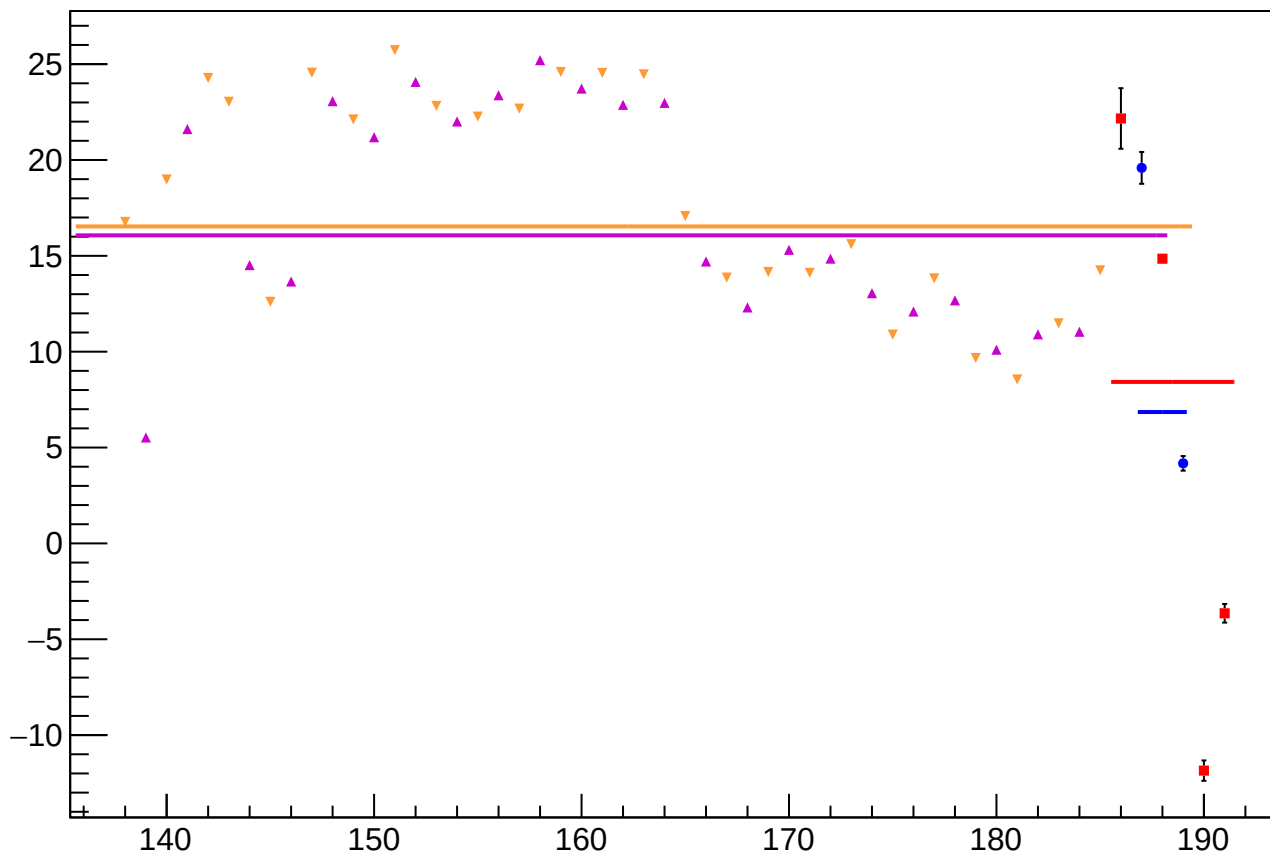
Left In: -4.764 ± 0.026 $\chi^2/\text{NDF}: 14163.2/22$

+ sign -4.809 ± 0.026 $\chi^2/\text{NDF}: 13580.0/26$

All: -4.885 ± 0.018 $\chi^2/\text{NDF}: 28892.2/53$

- sign -4.957 ± 0.025 $\chi^2/\text{NDF}: 15294.8/26$

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 6.852 ± 0.346 $\chi^2/\text{NDF}: 284.1/1$

Left Out: 16.536 ± 0.023 $\chi^2/\text{NDF}: 53546.9/24$

Right Out: 8.424 ± 0.194 $\chi^2/\text{NDF}: 2903.6/3$

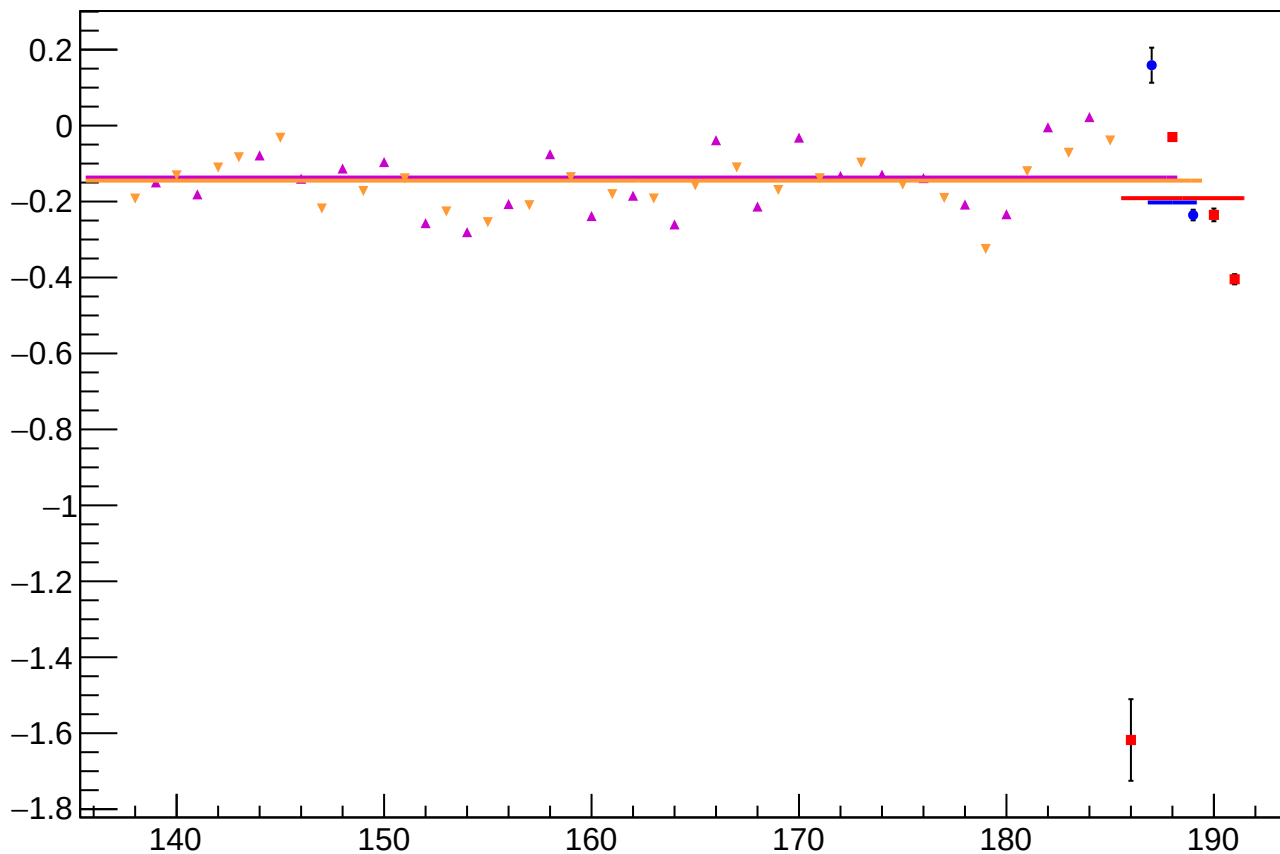
Left In: 16.069 ± 0.023 $\chi^2/\text{NDF}: 42736.3/22$

+ sign 16.493 ± 0.023 $\chi^2/\text{NDF}: 54609.0/26$

All: 16.228 ± 0.016 $\chi^2/\text{NDF}: 102036.8/53$

- sign 15.959 ± 0.023 $\chi^2/\text{NDF}: 47163.6/26$

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: -0.191 ± 0.007 χ^2/NDF : 678.5/3

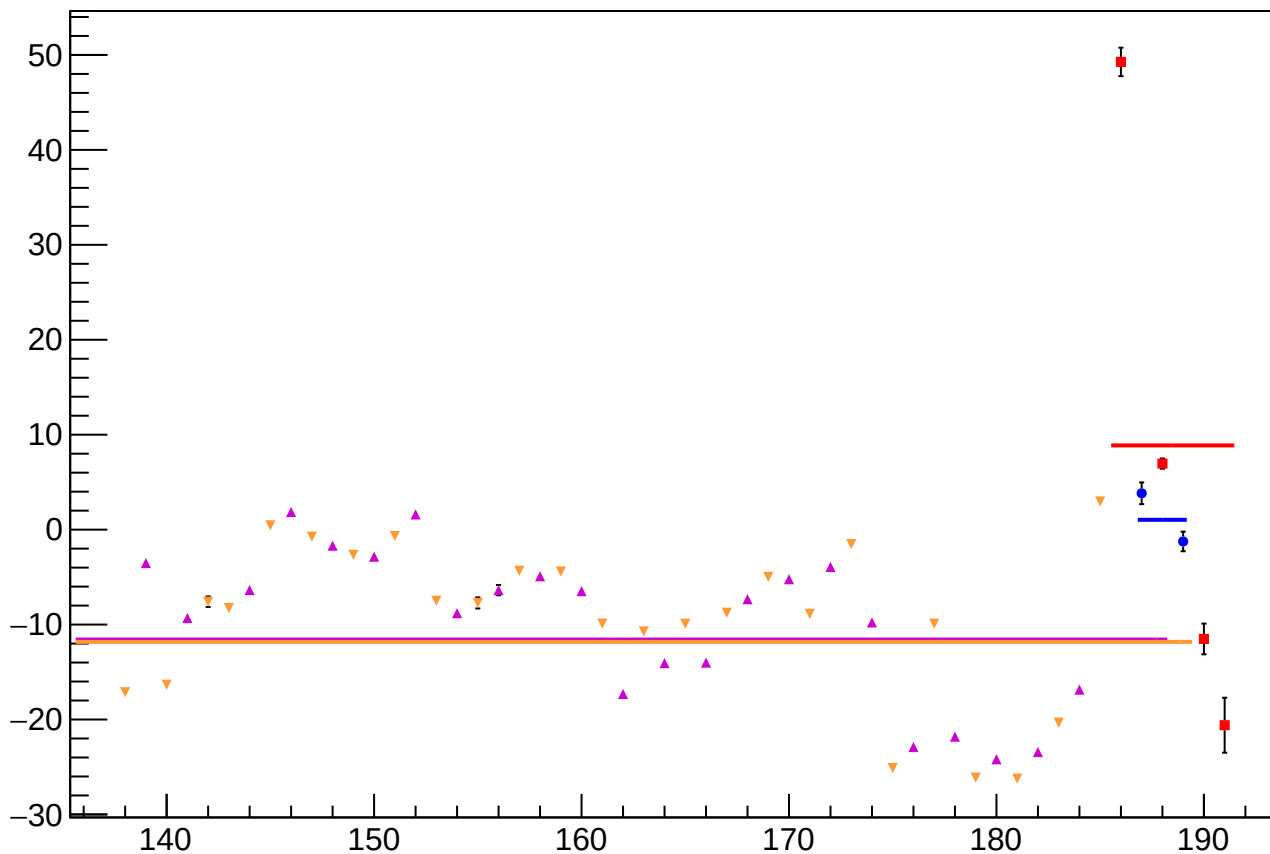
Left In: -0.137 ± 0.001 χ^2/NDF : 5383.4/22

+ sign -0.145 ± 0.001 χ^2/NDF : 3840.4/26

All: -0.142 ± 0.001 χ^2/NDF : 9979.5/53

- sign -0.138 ± 0.001 χ^2/NDF : 6115.3/26

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: 8.872+/-0.476 χ^2/NDF : 1000.8/3

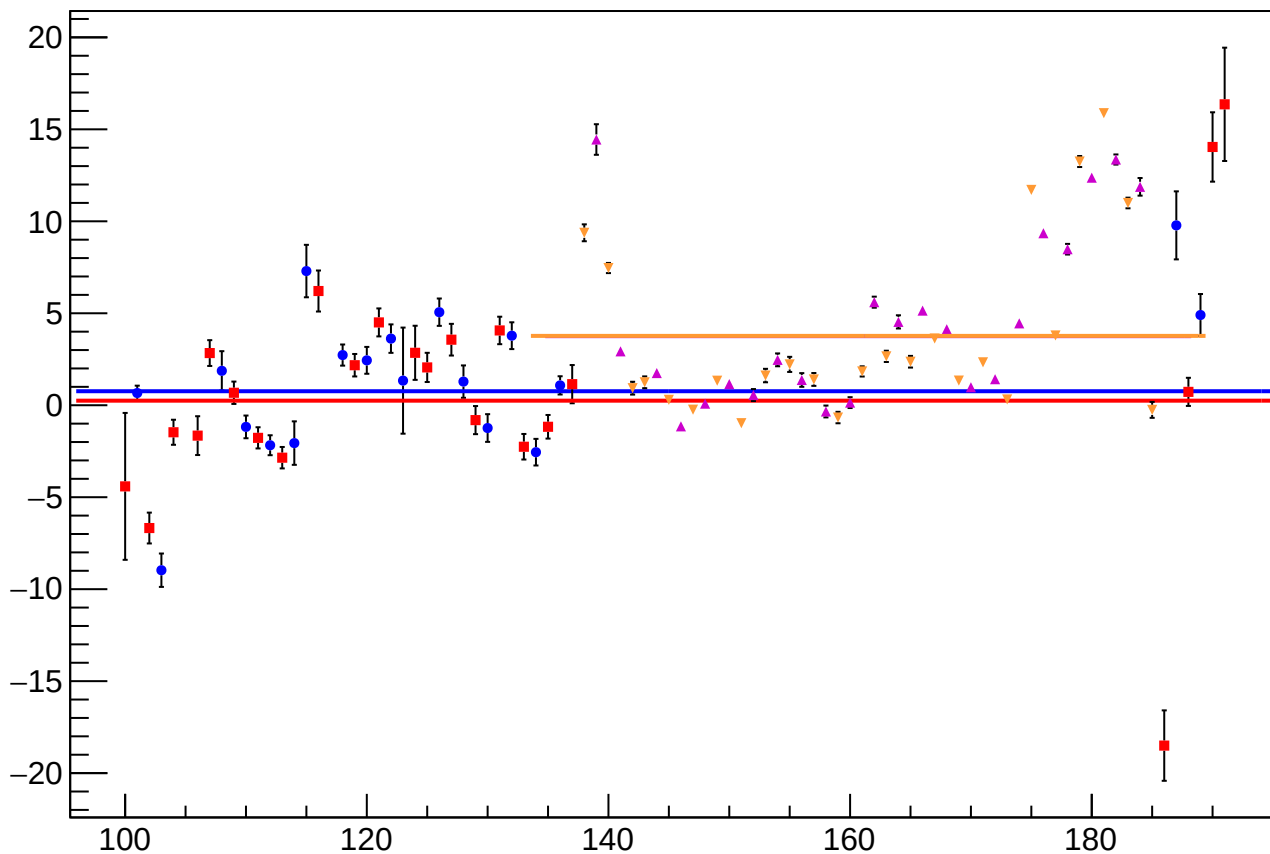
Left In: -11.580+/-0.071 χ^2/NDF : 14243.6/22

+ sign -11.715+/-0.070 χ^2/NDF : 17567.3/26

All: -11.425+/-0.050 χ^2/NDF : 34652.7/53

- sign -11.132+/-0.070 χ^2/NDF : 17051.0/26

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.762 $\pm$ 0.166 χ^2 /NDF: 329.1/18

Left Out: 3.770 $\pm$ 0.056 χ^2 /NDF: 7420.4/24

Right Out: 0.248 $\pm$ 0.169 χ^2 /NDF: 450.8/22

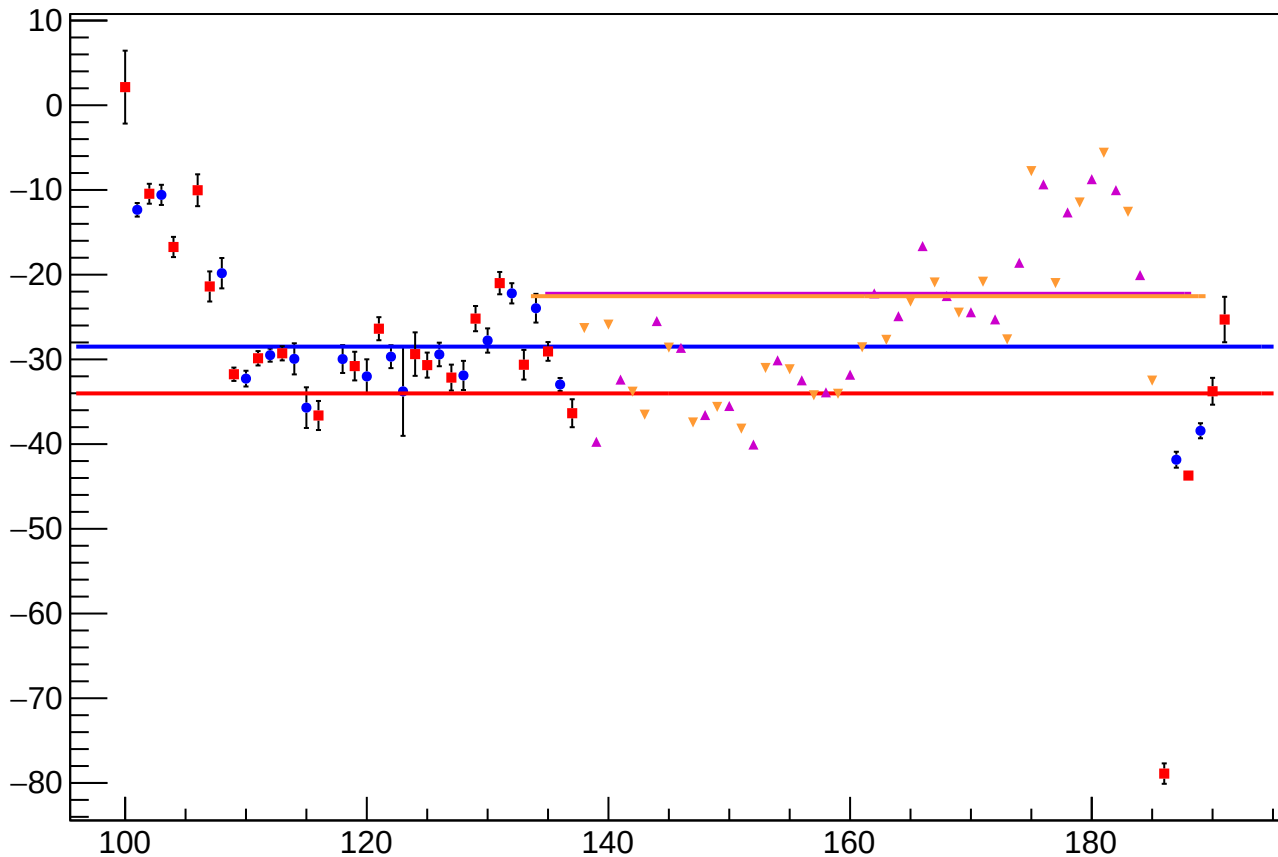
Left In: 3.755 $\pm$ 0.056 χ^2 /NDF: 5655.2/22

+ sign 3.468 $\pm$ 0.053 χ^2 /NDF: 8043.2/43

All: 3.436 $\pm$ 0.038 χ^2 /NDF: 14538.7/89

- sign 3.402 $\pm$ 0.054 χ^2 /NDF: 6494.8/45

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -28.493 ± 0.272 $\chi^2/\text{NDF}: 1087.9/18$

Left Out: -22.540 ± 0.071 $\chi^2/\text{NDF}: 19751.6/24$

Right Out: -34.016 ± 0.237 $\chi^2/\text{NDF}: 3063.0/22$

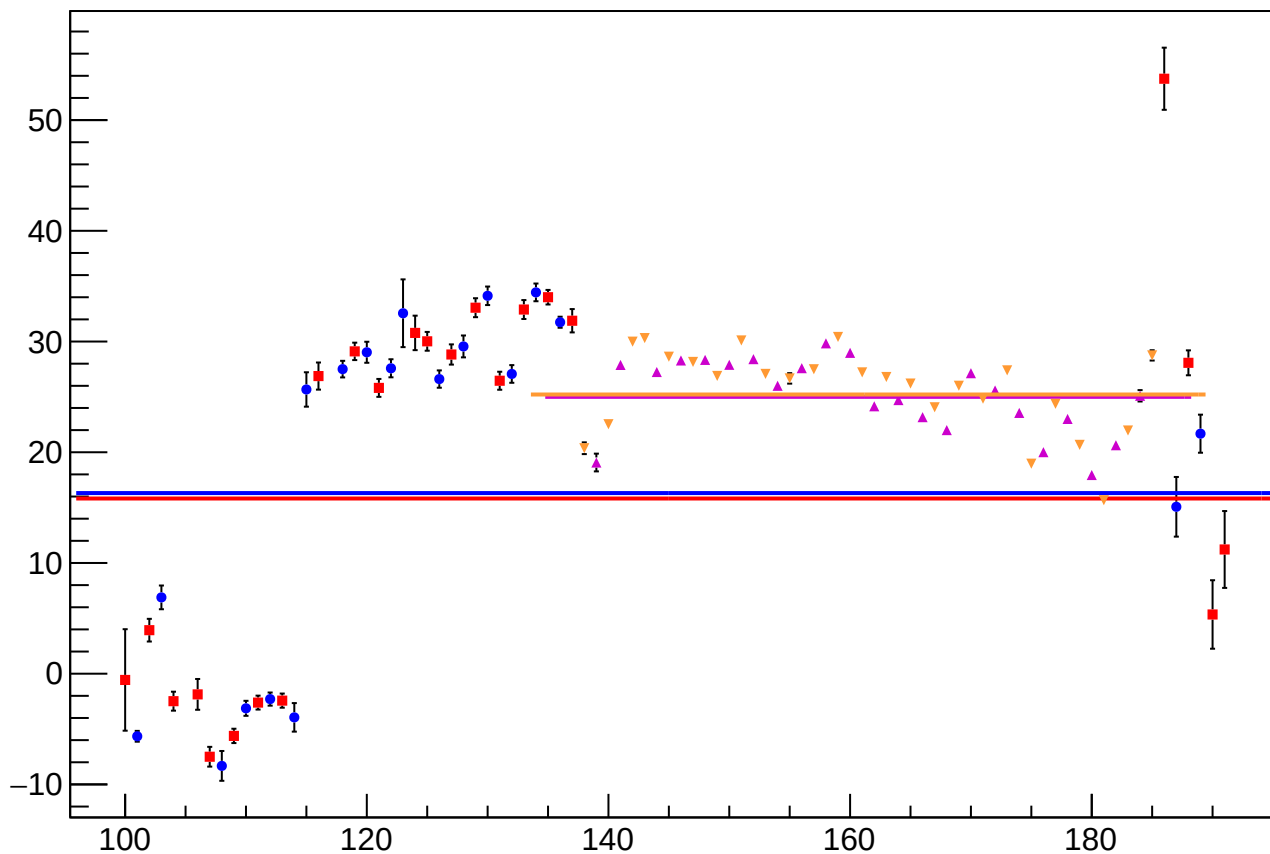
Left In: -22.258 ± 0.071 $\chi^2/\text{NDF}: 17838.4/22$

+ sign -22.918 ± 0.069 $\chi^2/\text{NDF}: 21288.9/43$

All: -23.078 ± 0.048 $\chi^2/\text{NDF}: 44463.3/89$

- sign -23.236 ± 0.068 $\chi^2/\text{NDF}: 23163.6/45$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.313 $\pm$ 0.189 χ^2 /NDF: 7621.4/18

Left Out: 25.216 $\pm$ 0.063 χ^2 /NDF: 3738.3/24

Right Out: 15.823 $\pm$ 0.193 χ^2 /NDF: 7600.9/22

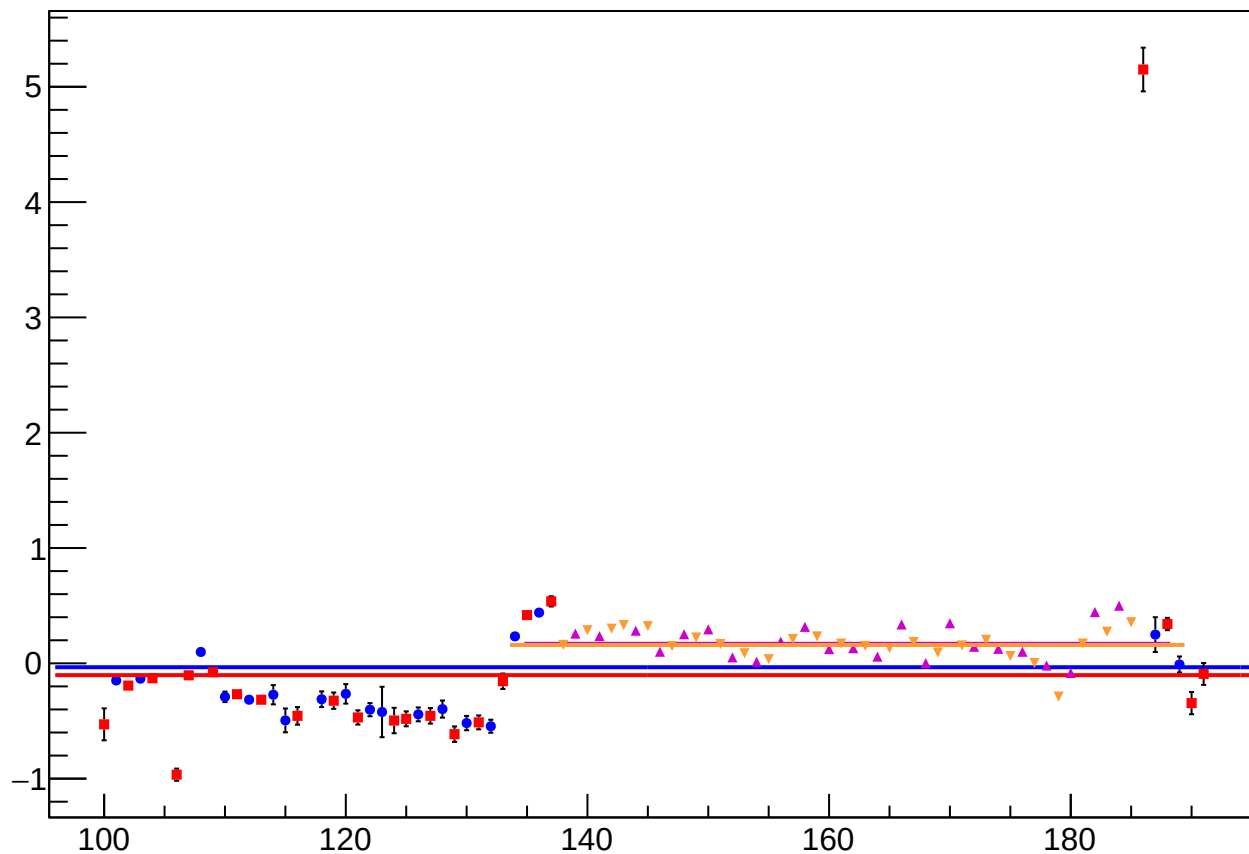
Left In: 25.005 $\pm$ 0.064 χ^2 /NDF: 2733.7/22

+ sign 24.336 $\pm$ 0.060 χ^2 /NDF: 13350.9/43

All: 24.222 $\pm$ 0.042 χ^2 /NDF: 25736.5/89

- sign 24.104 $\pm$ 0.060 χ^2 /NDF: 12378.2/45

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: -0.102 ± 0.010 χ^2/NDF : 2023.2/22

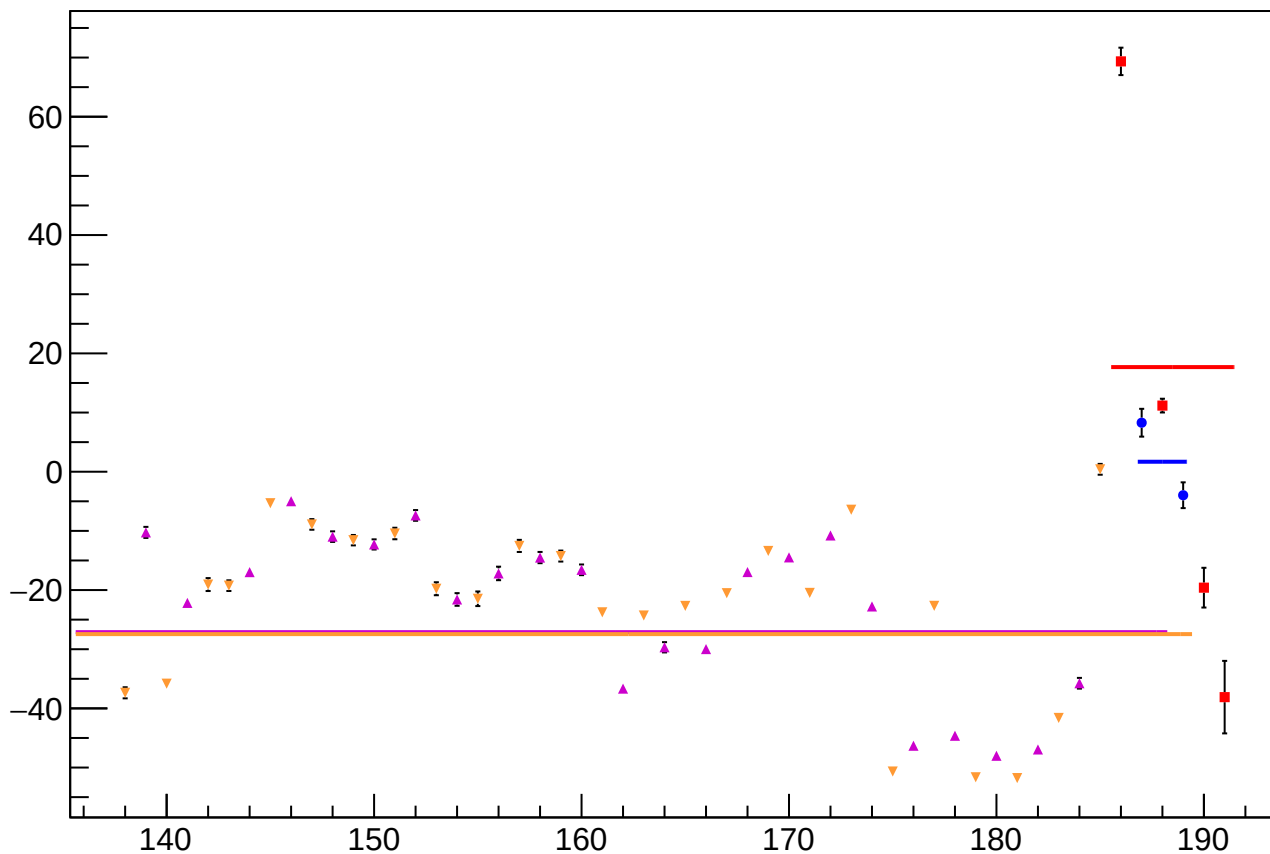
Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

+ sign 0.145 ± 0.003 χ^2/NDF : 3207.4/43

All: 0.146 ± 0.002 χ^2/NDF : 8336.5/89

- sign 0.148 ± 0.003 χ^2/NDF : 5128.3/45

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 1.687 ± 1.598 $\chi^2/\text{NDF}: 14.6/1$

Left Out: -27.447 ± 0.137 $\chi^2/\text{NDF}: 14820.6/24$

Right Out: 17.684 ± 0.979 $\chi^2/\text{NDF}: 734.7/3$

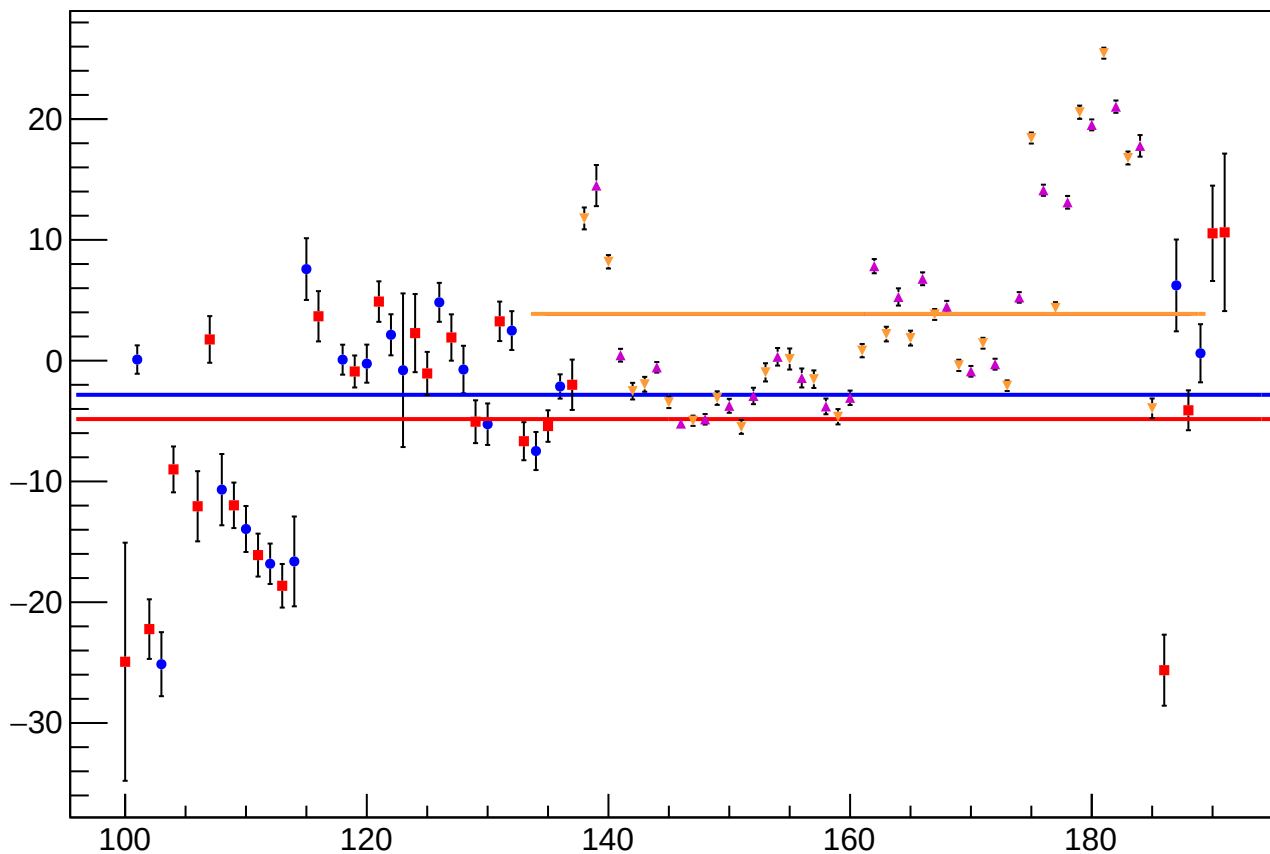
Left In: -27.114 ± 0.139 $\chi^2/\text{NDF}: 11443.8/22$

+ sign -27.234 ± 0.137 $\chi^2/\text{NDF}: 15165.4/26$

All: -26.736 ± 0.097 $\chi^2/\text{NDF}: 29423.3/53$

- sign -26.233 ± 0.137 $\chi^2/\text{NDF}: 14231.2/26$

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: -4.837 ± 0.406 $\chi^2/\text{NDF}: 369.4/22$

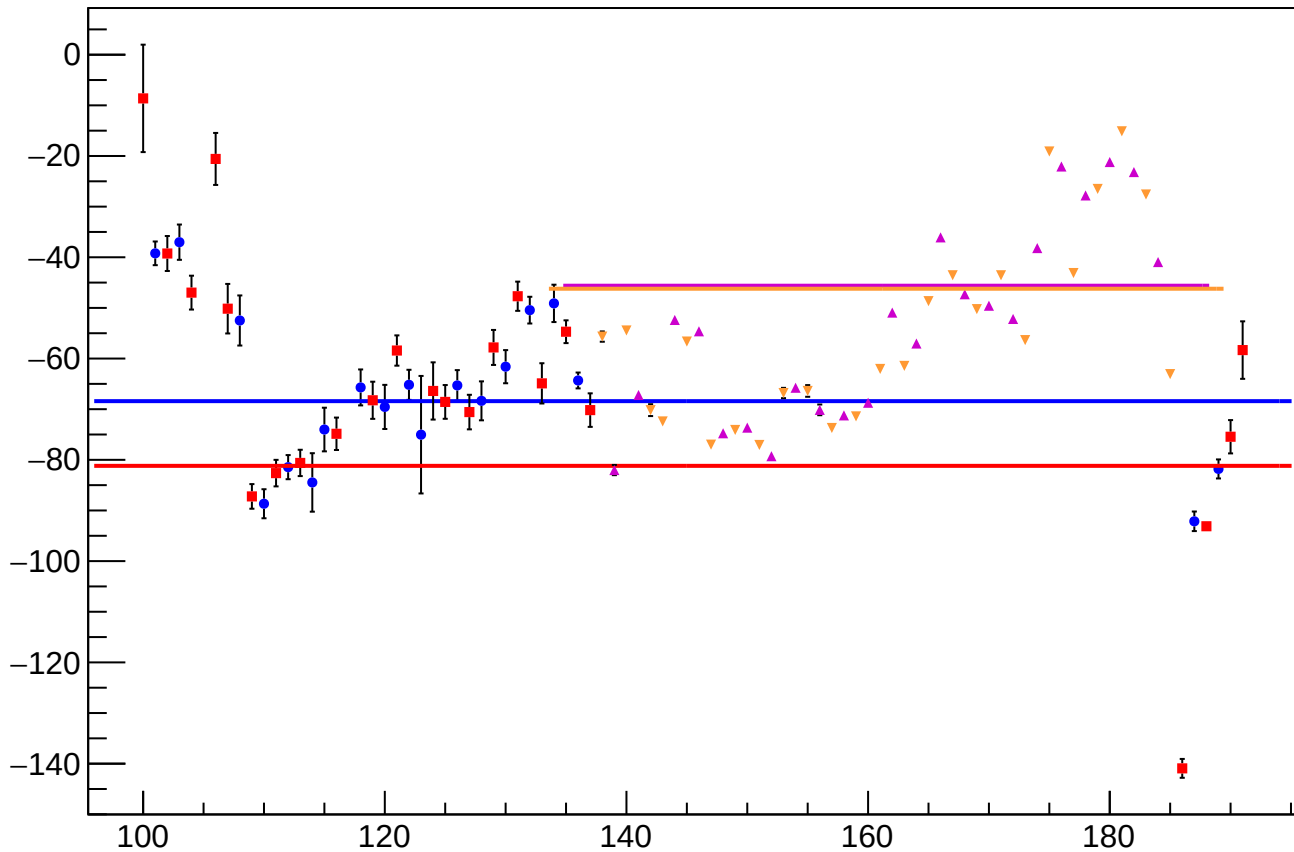
Left In: 3.861 ± 0.111 $\chi^2/\text{NDF}: 5438.4/22$

+ sign 3.405 ± 0.106 $\chi^2/\text{NDF}: 7456.3/43$

All: 3.332 ± 0.075 $\chi^2/\text{NDF}: 13692.1/89$

- sign 3.258 ± 0.107 $\chi^2/\text{NDF}: 6234.8/45$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -68.411 ± 0.647 χ^2/NDF : 626.3/18

Left Out: -46.213 ± 0.138 χ^2/NDF : 19981.0/24

Right Out: -81.188 ± 0.549 χ^2/NDF : 2147.5/22

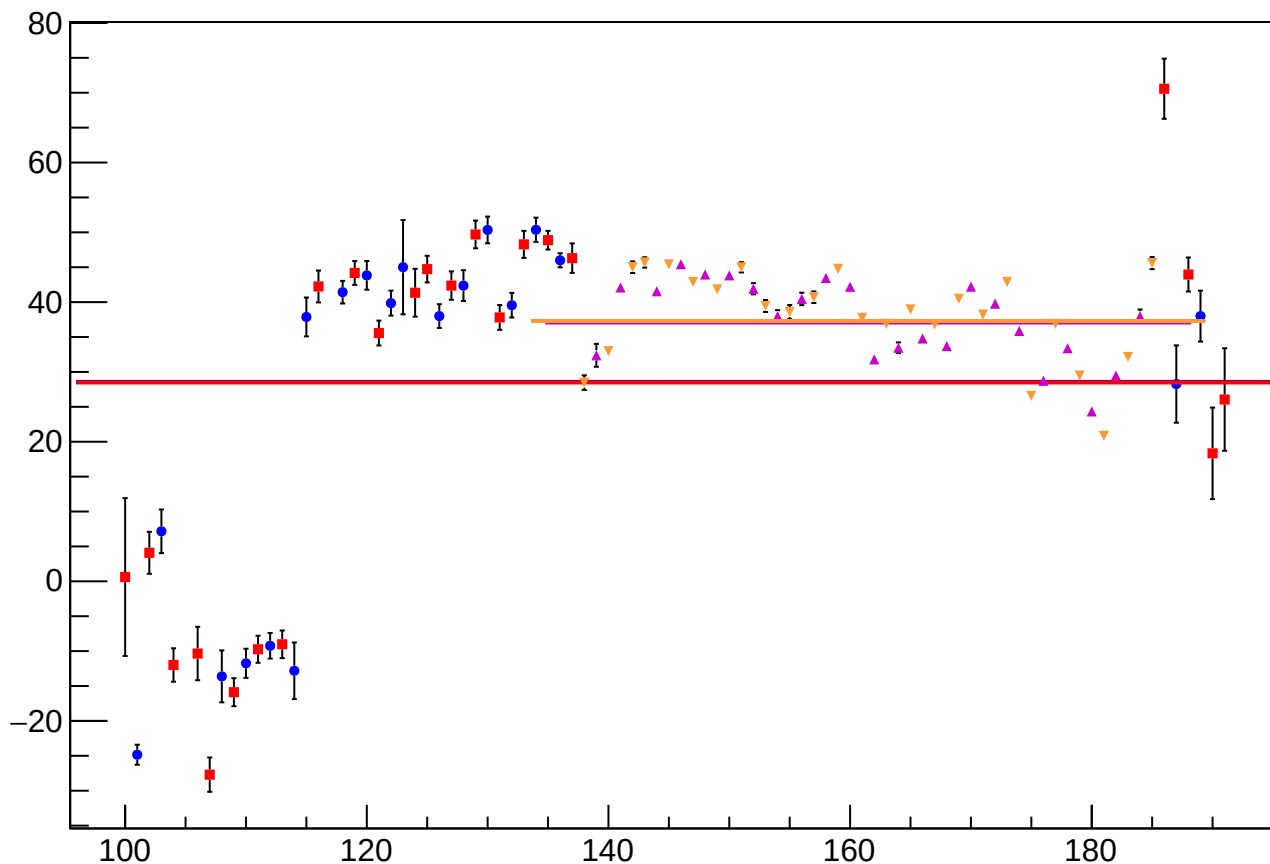
Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

+ sign -47.180 ± 0.135 χ^2/NDF : 21732.5/43

All: -47.474 ± 0.095 χ^2/NDF : 45583.5/89

- sign -47.767 ± 0.135 χ^2/NDF : 23841.6/45

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: 28.493 $\pm$ 0.465 χ^2 /NDF: 3176.0/22

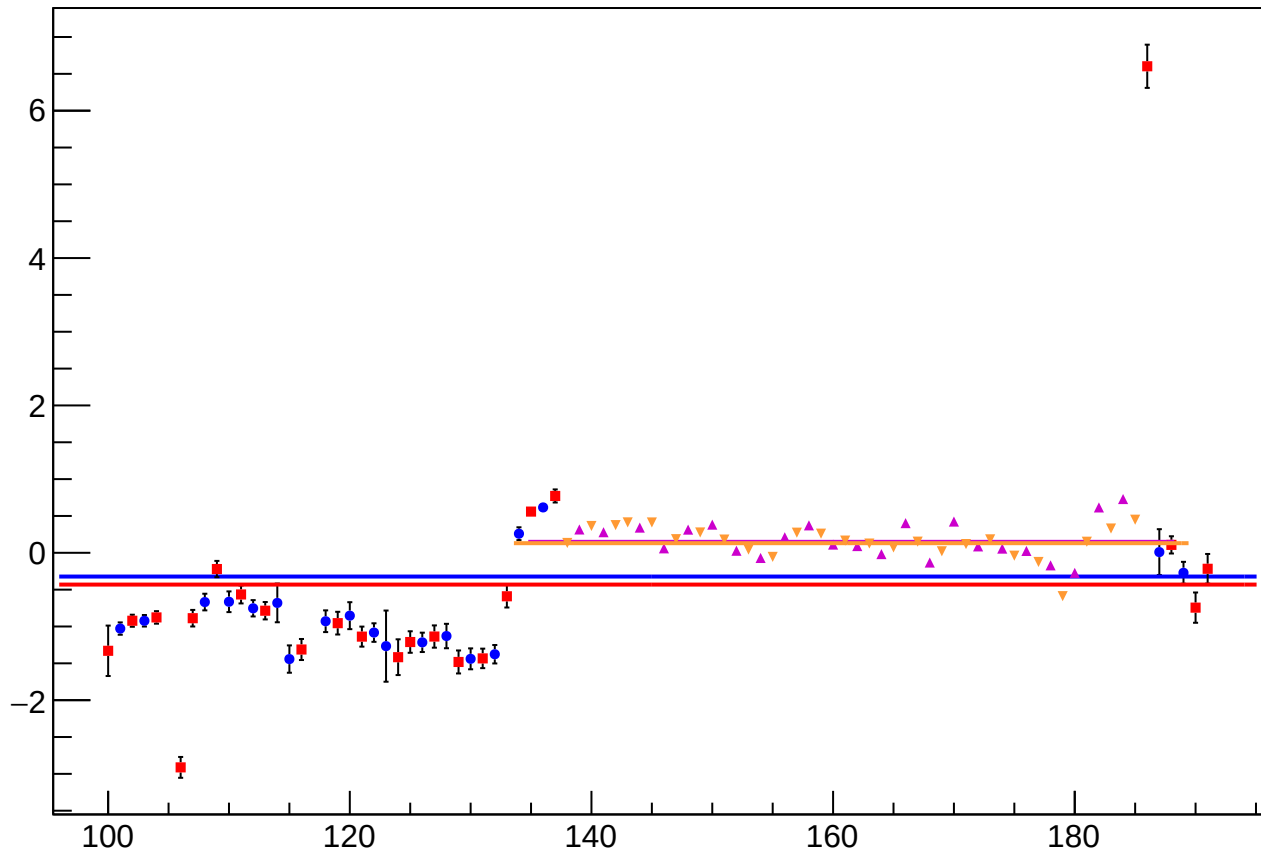
Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

+ sign 36.695 $\pm$ 0.119 χ^2 /NDF: 6797.1/43

All: 36.601 $\pm$ 0.085 χ^2 /NDF: 12698.2/89

- sign 36.503 $\pm$ 0.120 χ^2 /NDF: 5899.8/45

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: -0.431 ± 0.025 χ^2/NDF : 1778.8/22

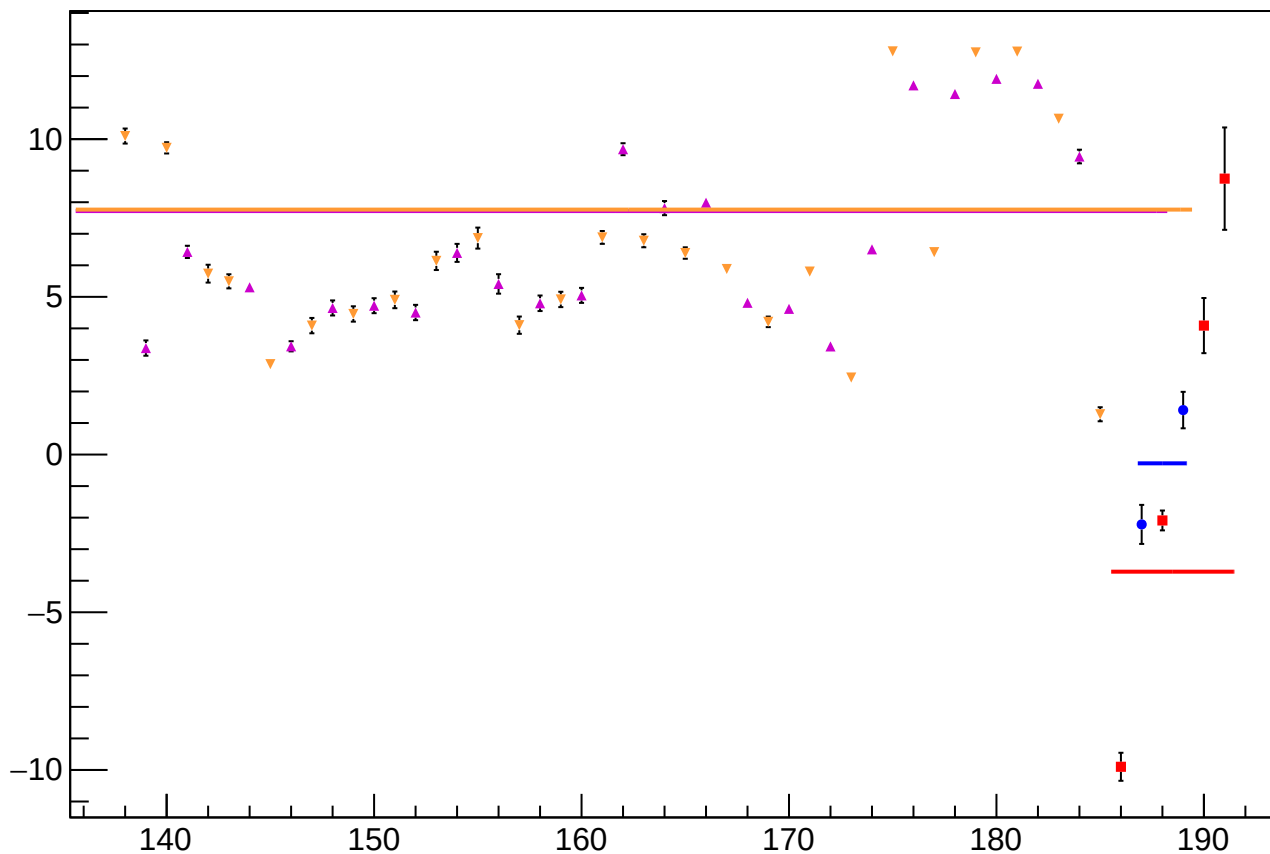
Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

+ sign 0.108 ± 0.005 χ^2/NDF : 2758.8/43

All: 0.113 ± 0.004 χ^2/NDF : 6879.5/89

- sign 0.119 ± 0.006 χ^2/NDF : 4118.5/45

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: -3.713 ± 0.244 χ^2/NDF : 359.1/3

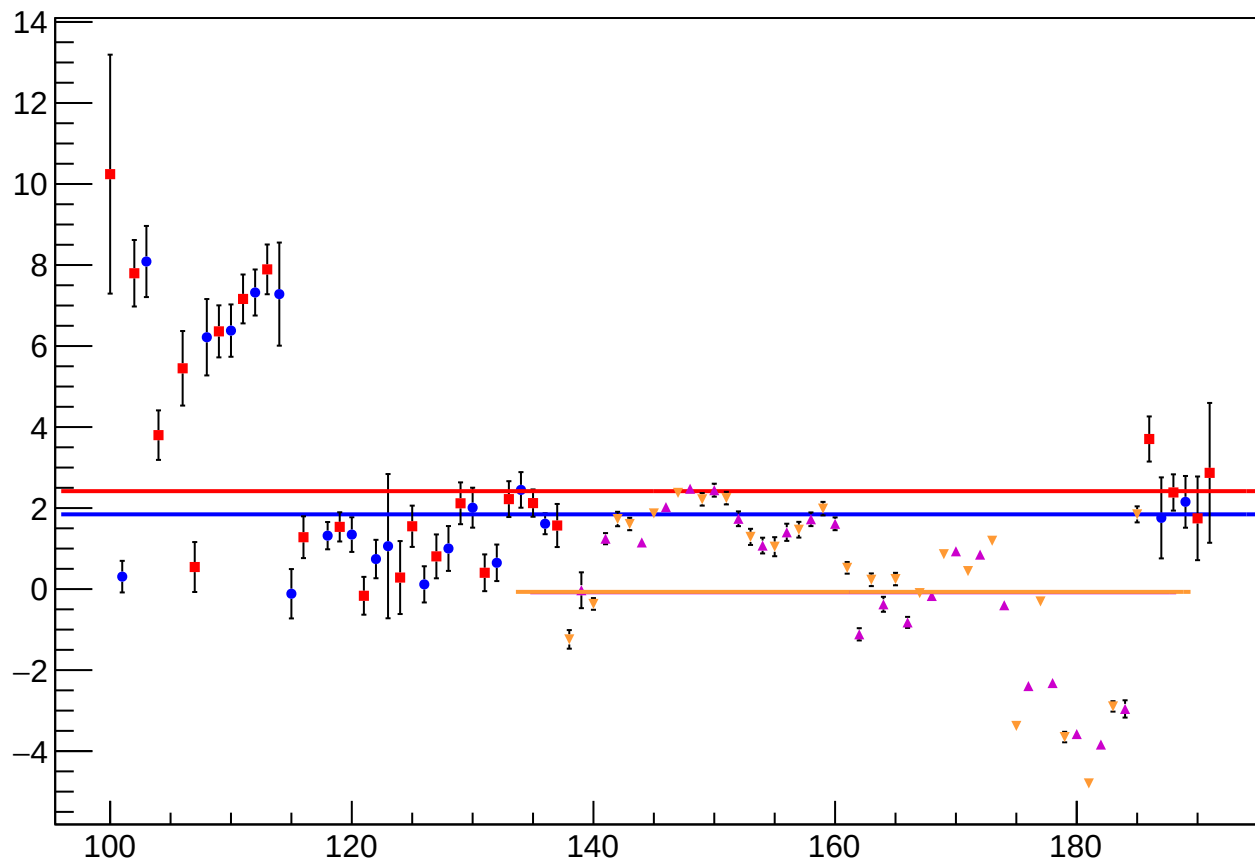
Left In: 7.719 ± 0.035 χ^2/NDF : 8490.5/22

+ sign 7.713 ± 0.034 χ^2/NDF : 12082.3/26

All: 7.602 ± 0.024 χ^2/NDF : 23112.1/53

- sign 7.489 ± 0.035 χ^2/NDF : 11008.7/26

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: 2.418 ± 0.115 χ^2/NDF : 342.4/22

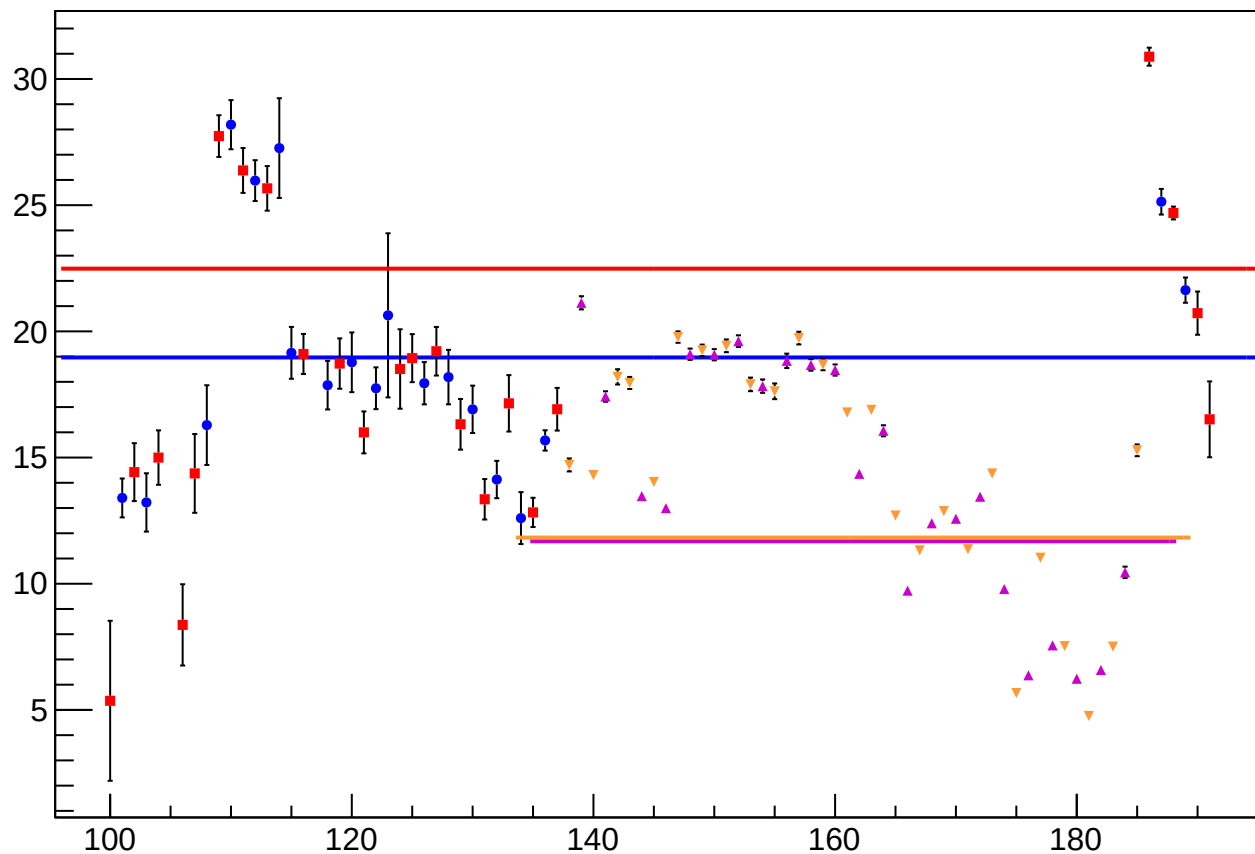
Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

+ sign 0.040 ± 0.027 χ^2/NDF : 6597.0/43

All: 0.051 ± 0.019 χ^2/NDF : 12375.6/89

- sign 0.063 ± 0.027 χ^2/NDF : 5778.2/45

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: 22.485 $\pm$ 0.147 χ^2 /NDF: 1588.5/22

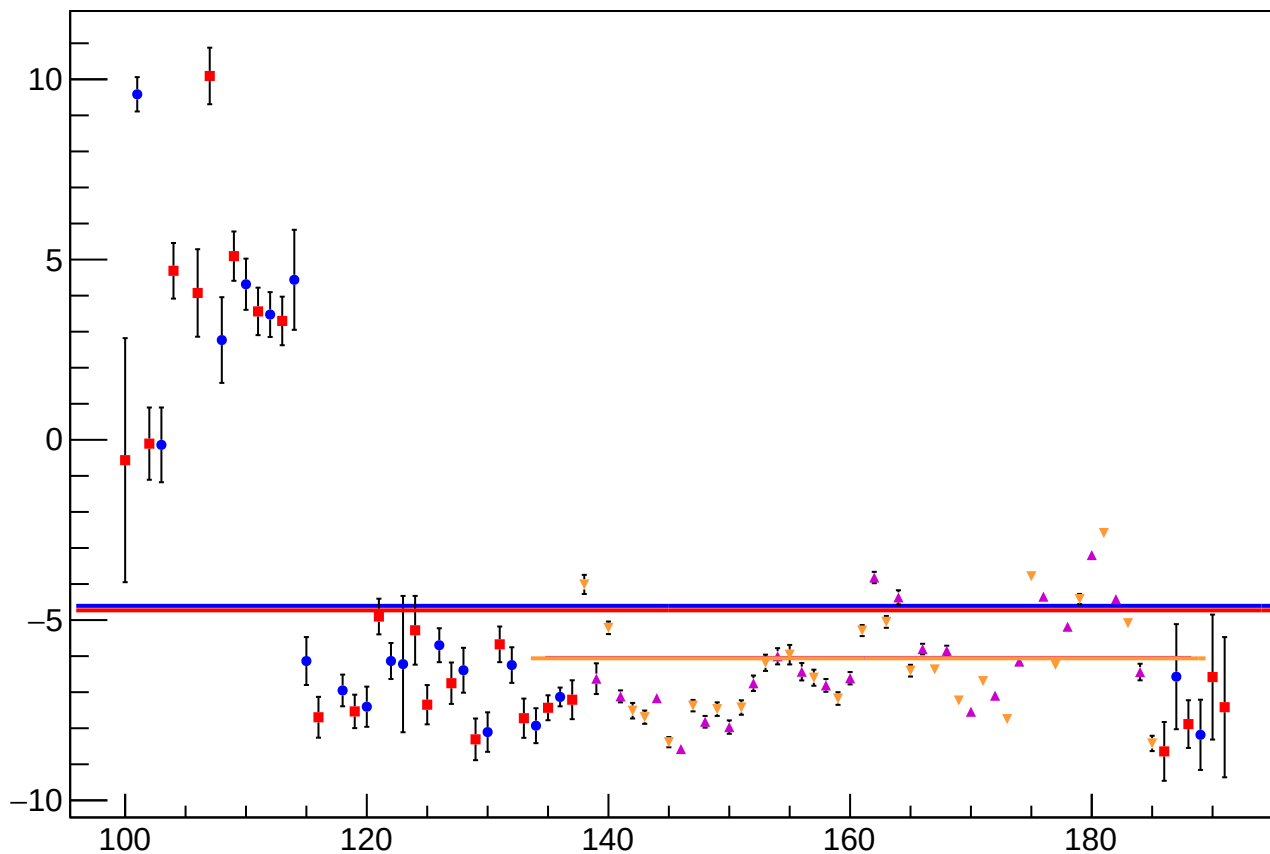
Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

+ sign 12.080 $\pm$ 0.034 χ^2 /NDF: 21111.2/43

All: 12.171 $\pm$ 0.024 χ^2 /NDF: 44725.7/89

- sign 12.262 $\pm$ 0.034 χ^2 /NDF: 23600.3/45

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: -4.730 ± 0.132 χ^2/NDF : 1391.6/22

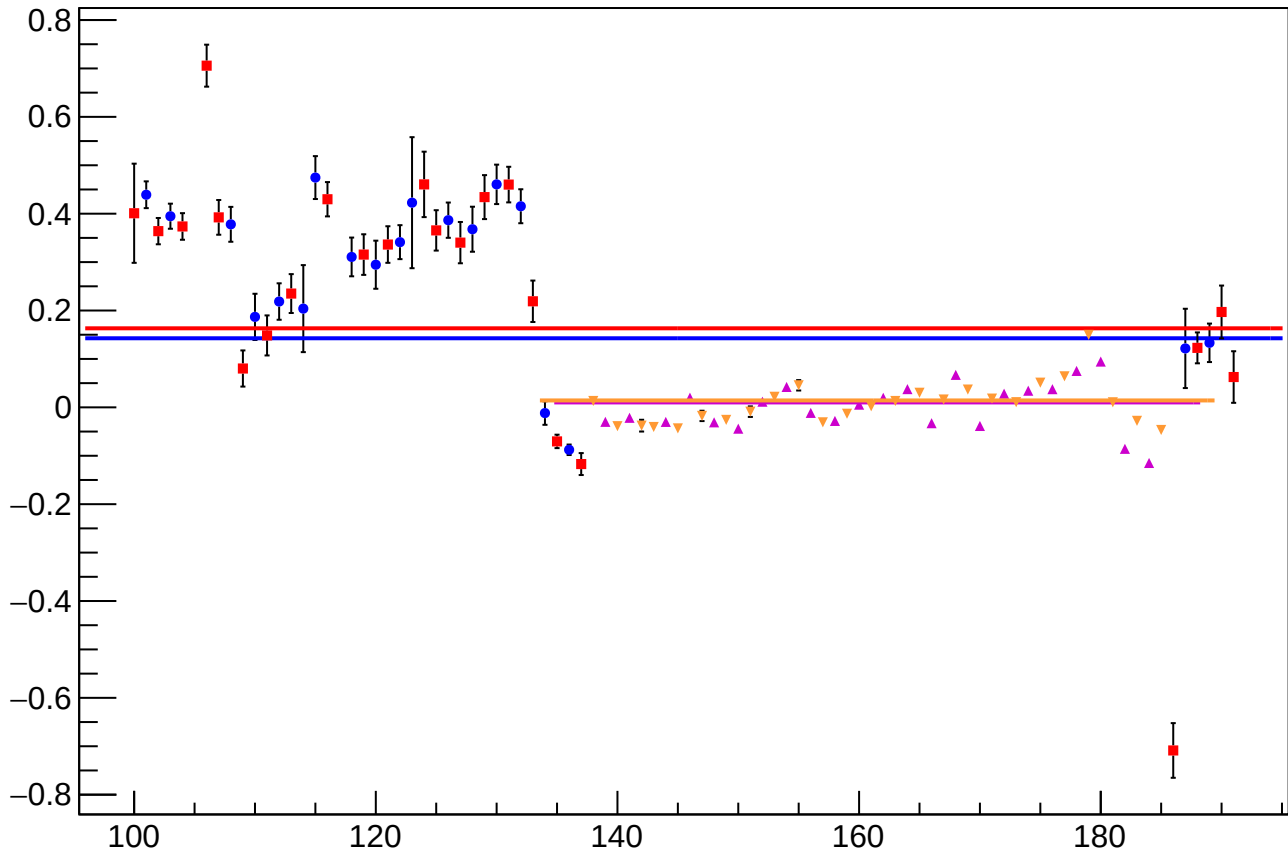
Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

+ sign -5.979 ± 0.030 χ^2/NDF : 4377.5/43

All: -5.978 ± 0.022 χ^2/NDF : 8167.5/89

- sign -5.978 ± 0.031 χ^2/NDF : 3790.0/45

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: 0.163 ± 0.007 χ^2/NDF : 1258.0/22

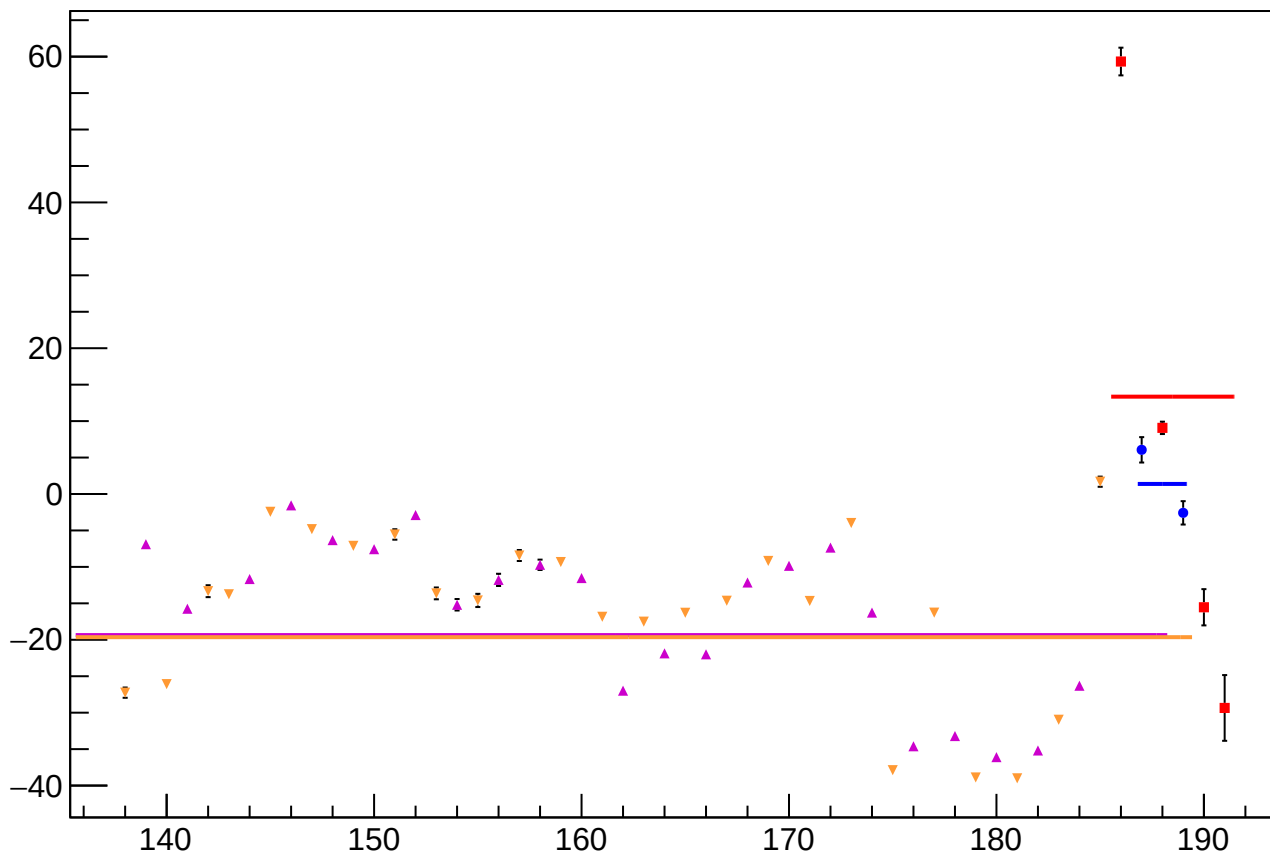
Left In: 0.010 ± 0.001 χ^2/NDF : 1224.5/22

+ sign 0.020 ± 0.001 χ^2/NDF : 2341.9/43

All: 0.018 ± 0.001 χ^2/NDF : 5283.4/89

- sign 0.016 ± 0.001 χ^2/NDF : 2939.1/45

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: 1.380 ± 1.180 $\chi^2/\text{NDF}: 13.3/1$

Left Out: -19.642 ± 0.103 $\chi^2/\text{NDF}: 15730.6/24$

Right Out: 13.354 ± 0.730 $\chi^2/\text{NDF}: 835.4/3$

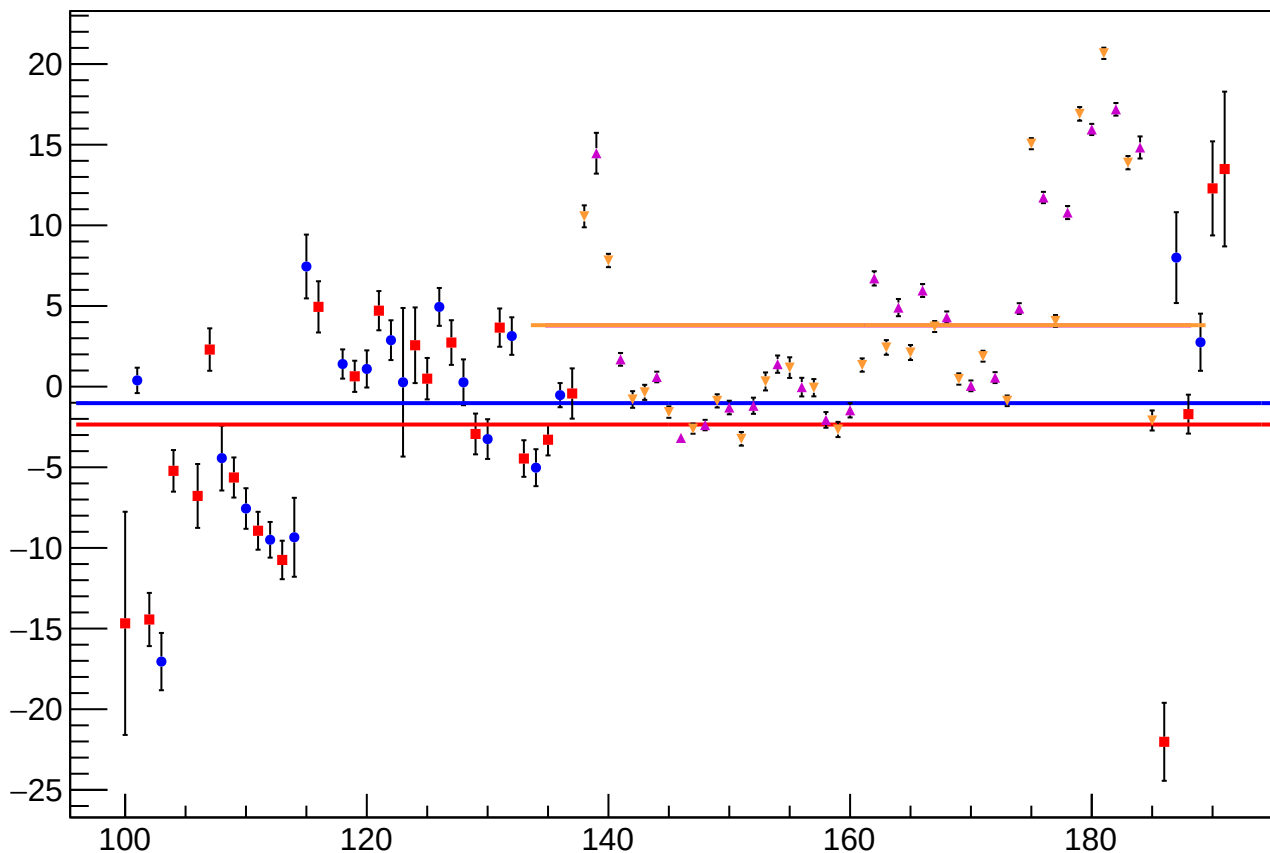
Left In: -19.355 ± 0.105 $\chi^2/\text{NDF}: 12417.1/22$

+ sign -19.482 ± 0.103 $\chi^2/\text{NDF}: 16059.2/26$

All: -19.092 ± 0.073 $\chi^2/\text{NDF}: 31309.7/53$

- sign -18.697 ± 0.104 $\chi^2/\text{NDF}: 15221.6/26$

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.023 ± 0.285 $\chi^2/\text{NDF}: 293.9/18$

Left Out: 3.811 ± 0.082 $\chi^2/\text{NDF}: 7118.3/24$

Right Out: -2.349 ± 0.289 $\chi^2/\text{NDF}: 388.9/22$

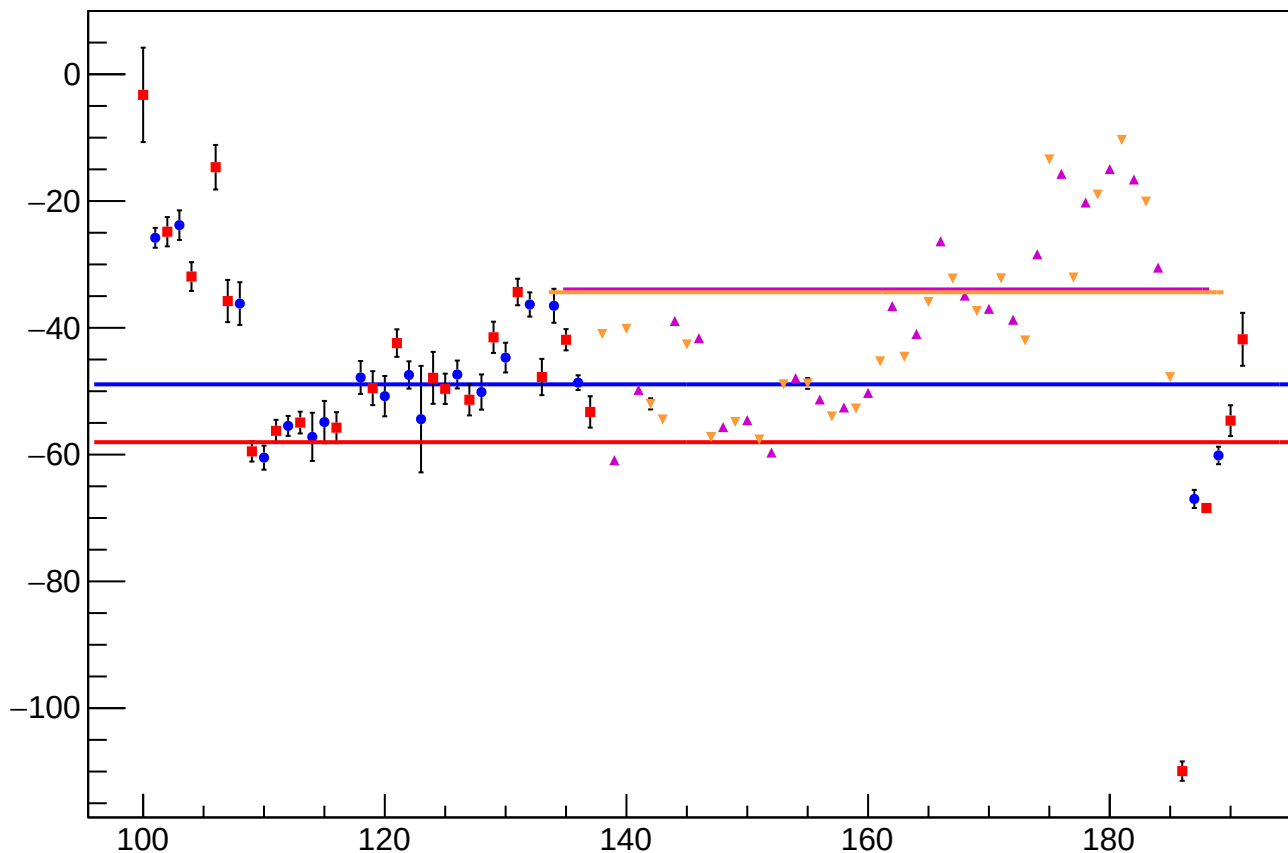
Left In: 3.795 ± 0.083 $\chi^2/\text{NDF}: 5534.4/22$

+ sign 3.438 ± 0.079 $\chi^2/\text{NDF}: 7678.2/43$

All: 3.382 ± 0.056 $\chi^2/\text{NDF}: 14019.1/89$

- sign 3.325 ± 0.080 $\chi^2/\text{NDF}: 6339.9/45$

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: -58.040 ± 0.396 χ^2/NDF : 2368.4/22

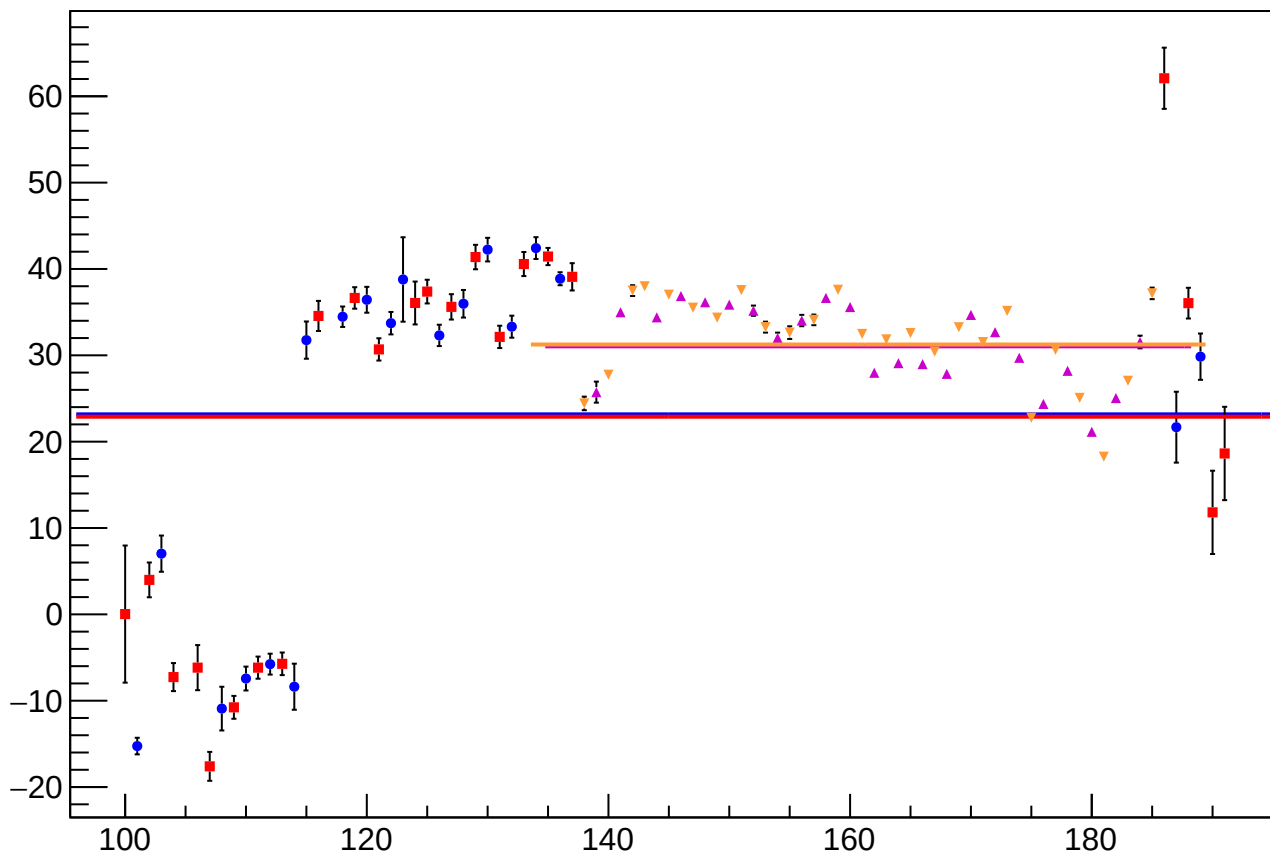
Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

+ sign -35.090 ± 0.102 χ^2/NDF : 21676.4/43

All: -35.307 ± 0.072 χ^2/NDF : 45366.7/89

- sign -35.523 ± 0.101 χ^2/NDF : 23681.2/45

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: 22.891 $\pm$ 0.331 χ^2 /NDF: 4222.4/22

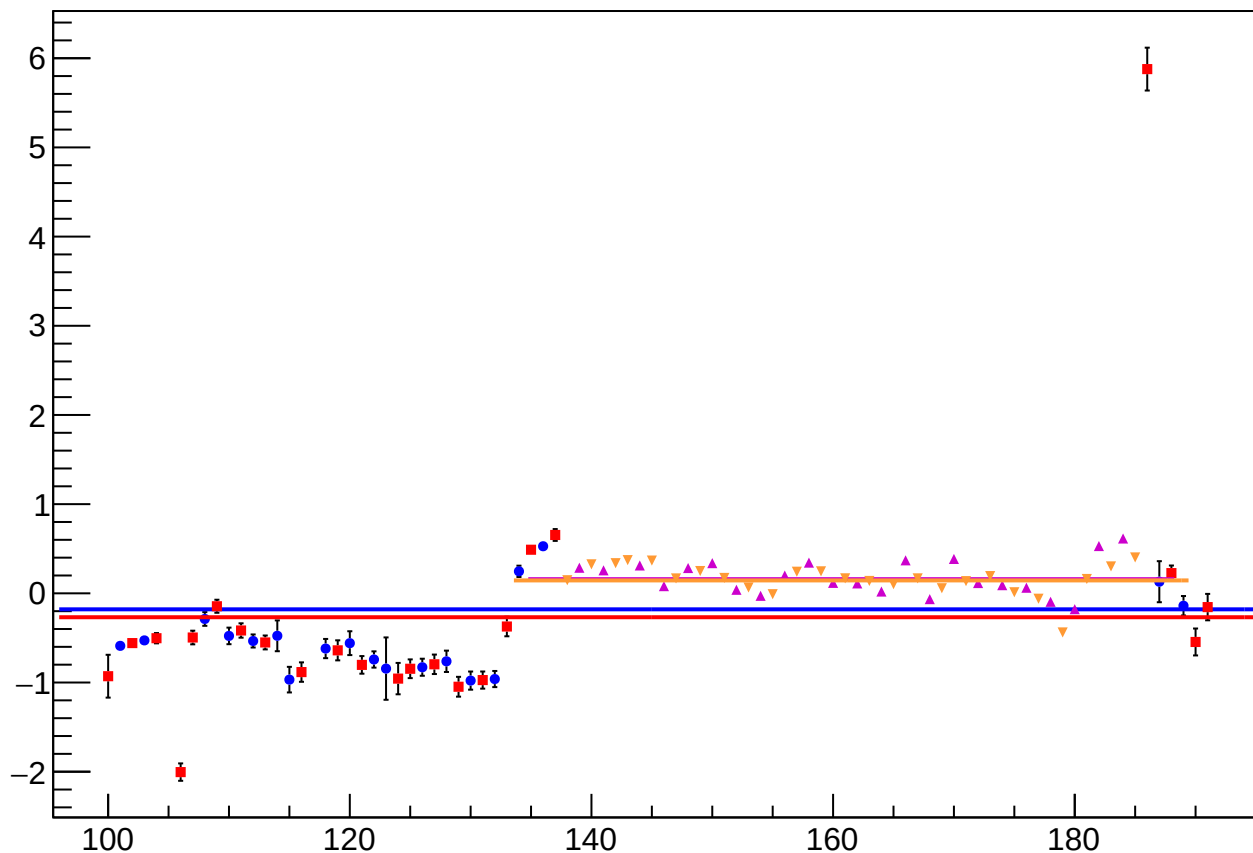
Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

+ sign 30.637 $\pm$ 0.089 χ^2 /NDF: 8238.6/43

All: 30.537 $\pm$ 0.063 χ^2 /NDF: 15513.4/89

- sign 30.434 $\pm$ 0.090 χ^2 /NDF: 7272.2/45

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: -0.268 ± 0.017 χ^2/NDF : 1885.7/22

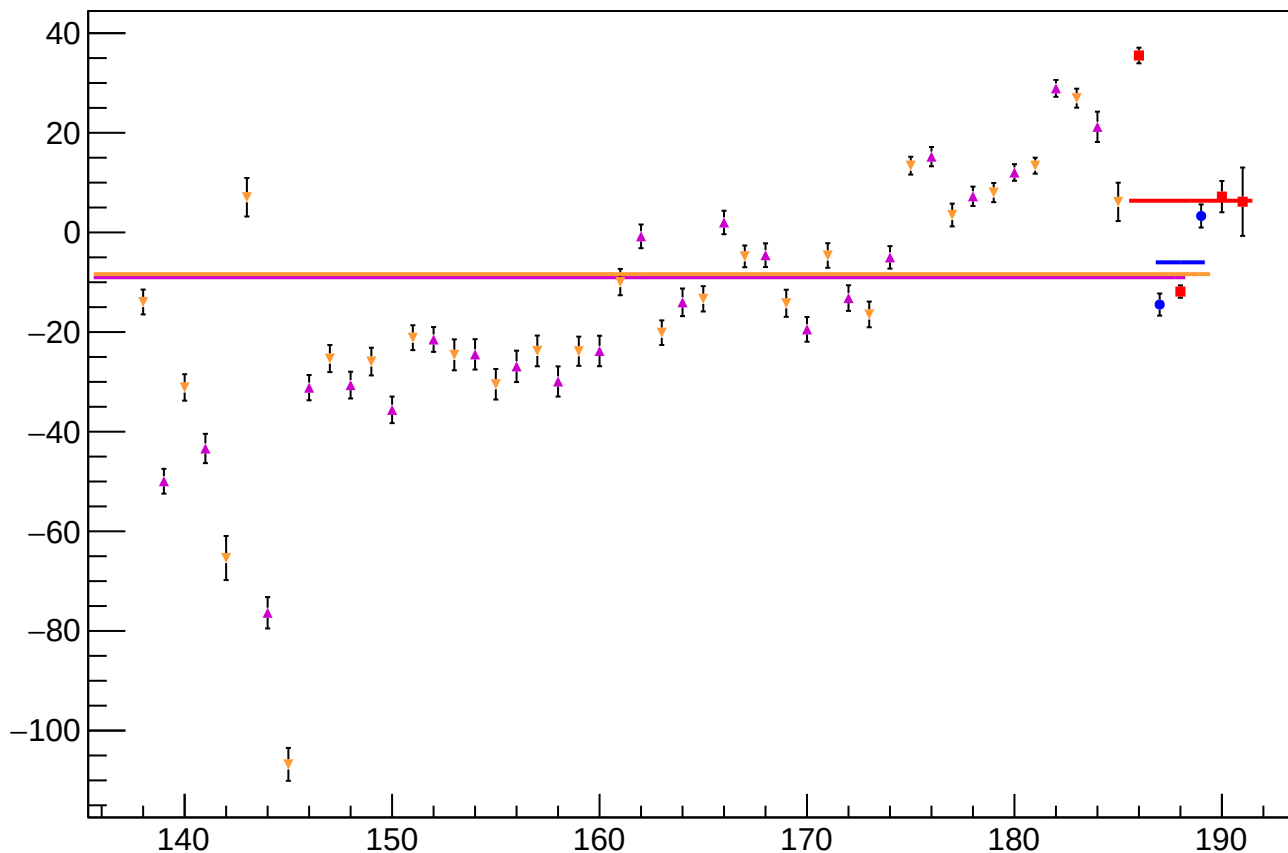
Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

+ sign 0.127 ± 0.004 χ^2/NDF : 2898.7/43

All: 0.131 ± 0.003 χ^2/NDF : 7370.2/89

- sign 0.135 ± 0.004 χ^2/NDF : 4469.7/45

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -6.004 $\pm$ 1.606 χ^2 /NDF: 30.6/1

Left Out: -8.375 $\pm$ 0.500 χ^2 /NDF:2224.0/24

Right Out: 6.365 $\pm$ 0.921 χ^2 /NDF: 561.0/3

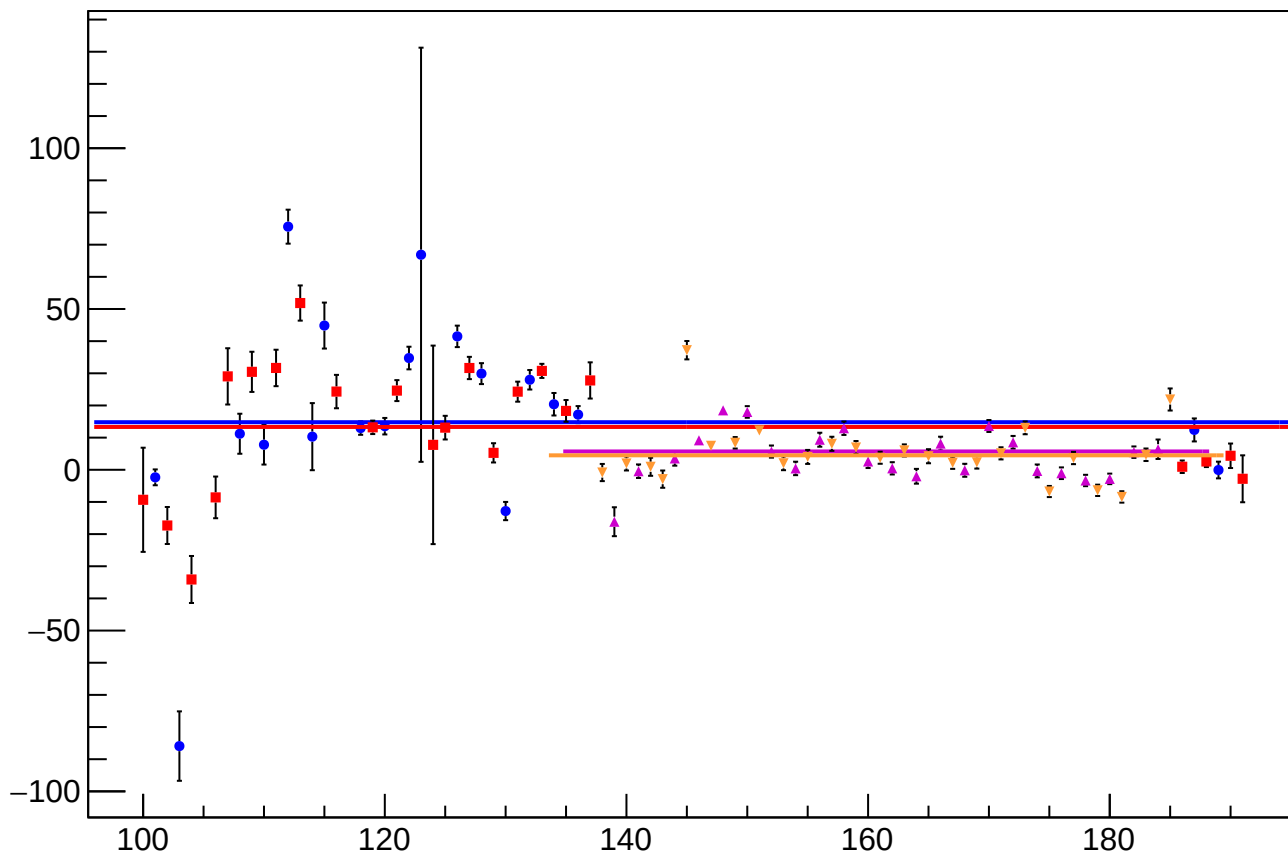
Left In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22

+ sign -8.166 $\pm$ 0.478 χ^2 /NDF: 2256.6/26

All: -6.701 $\pm$ 0.325 χ^2 /NDF: 5357.2/53

- sign -5.442 $\pm$ 0.443 χ^2 /NDF: 3083.2/26

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: 13.319 $\pm$ 0.721 χ^2 /NDF: 380.5/22

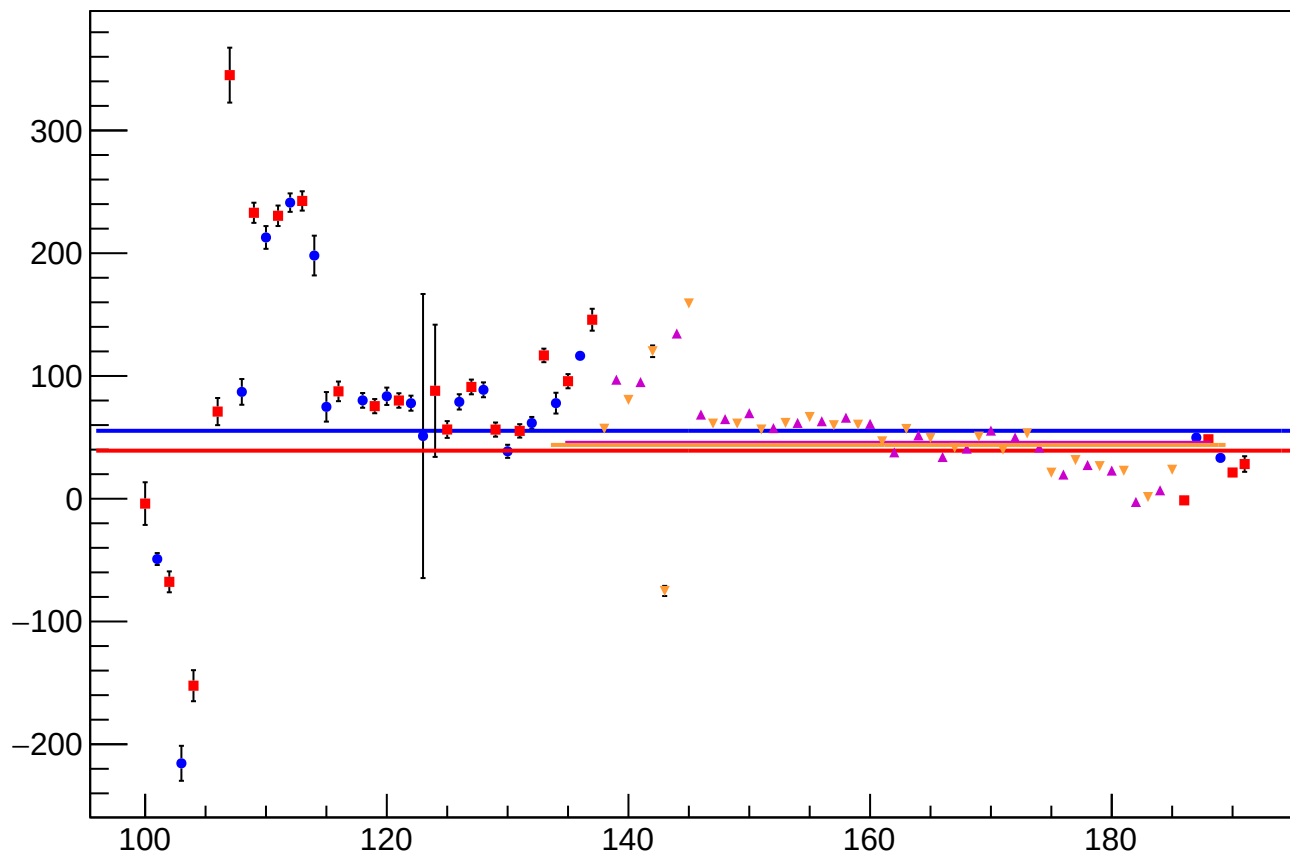
Left In: 5.699 $\pm$ 0.403 χ^2 /NDF: 329.1/22

+ sign 6.552 $\pm$ 0.351 χ^2 /NDF: 1066.5/43

All: 7.033 $\pm$ 0.249 χ^2 /NDF: 1865.0/89

- sign 7.516 $\pm$ 0.352 χ^2 /NDF: 794.7/45

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: 39.164 ± 0.688 χ^2/NDF : 4158.0/22

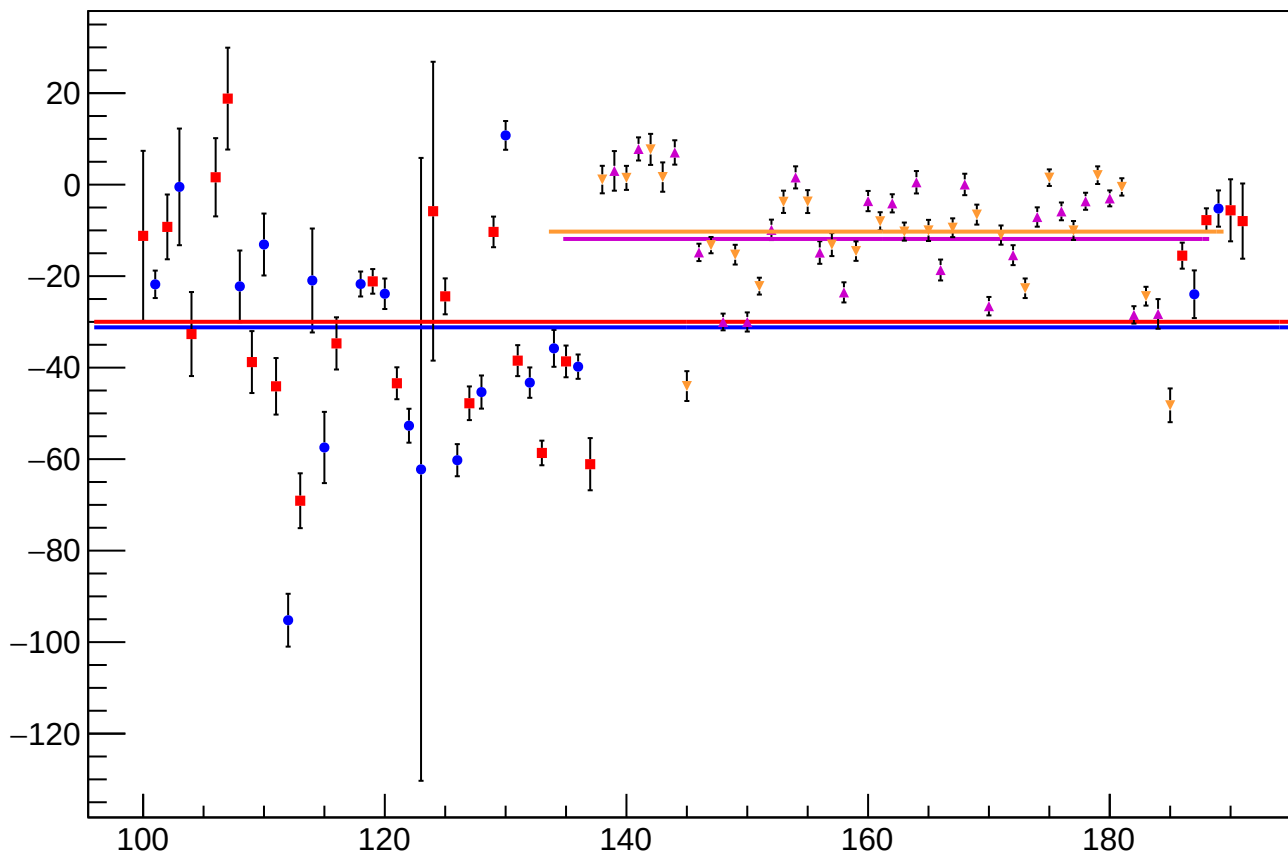
Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

+ sign 46.006 ± 0.450 χ^2/NDF : 6059.5/43

All: 44.535 ± 0.301 χ^2/NDF : 13445.7/89

- sign 43.335 ± 0.406 χ^2/NDF : 7366.7/45

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: -29.981 ± 0.890 χ^2/NDF : 454.5/22

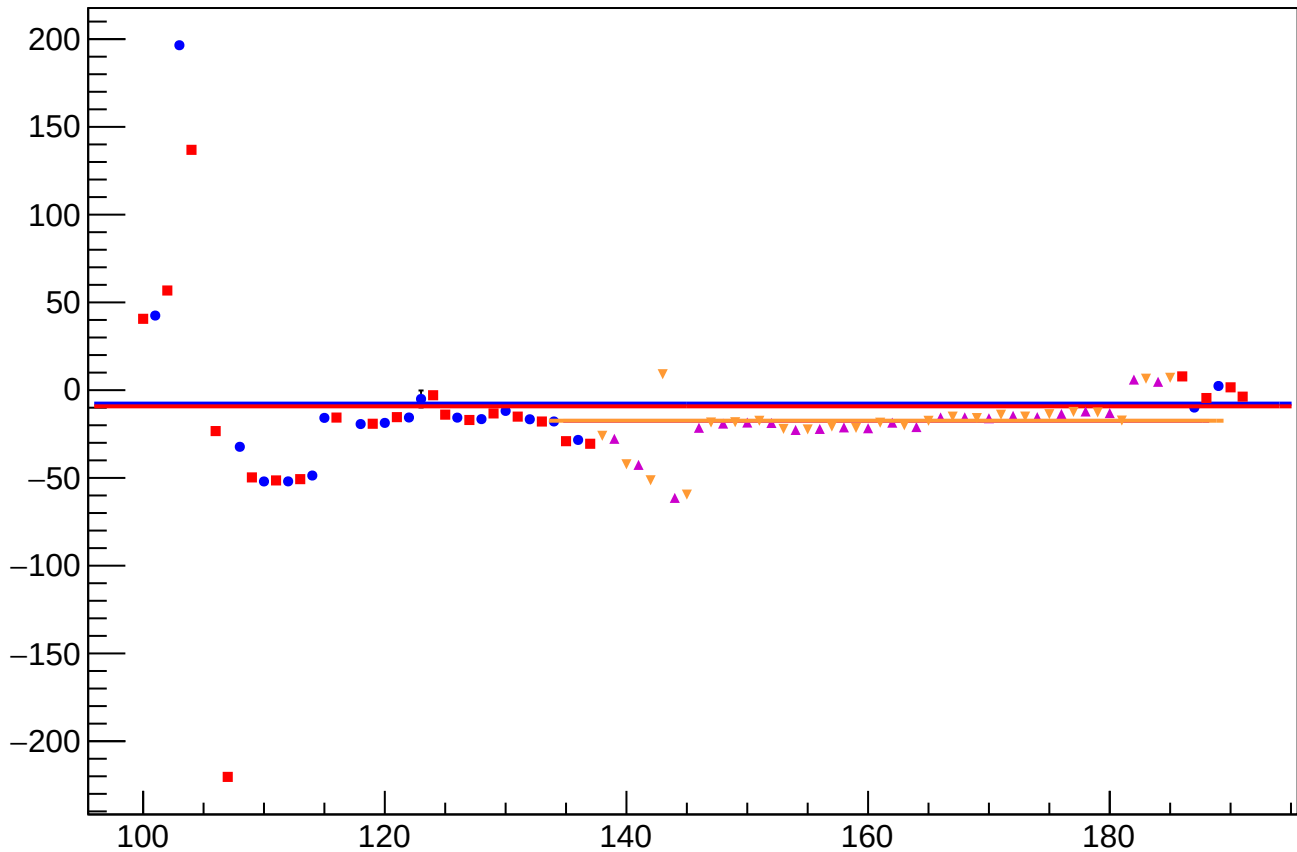
Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

+ sign -14.173 ± 0.401 χ^2/NDF : 1508.0/43

All: -14.890 ± 0.285 χ^2/NDF : 2965.3/89

- sign -15.620 ± 0.405 χ^2/NDF : 1450.9/45

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: -9.223 ± 0.051 χ^2/NDF : 574122.4/22

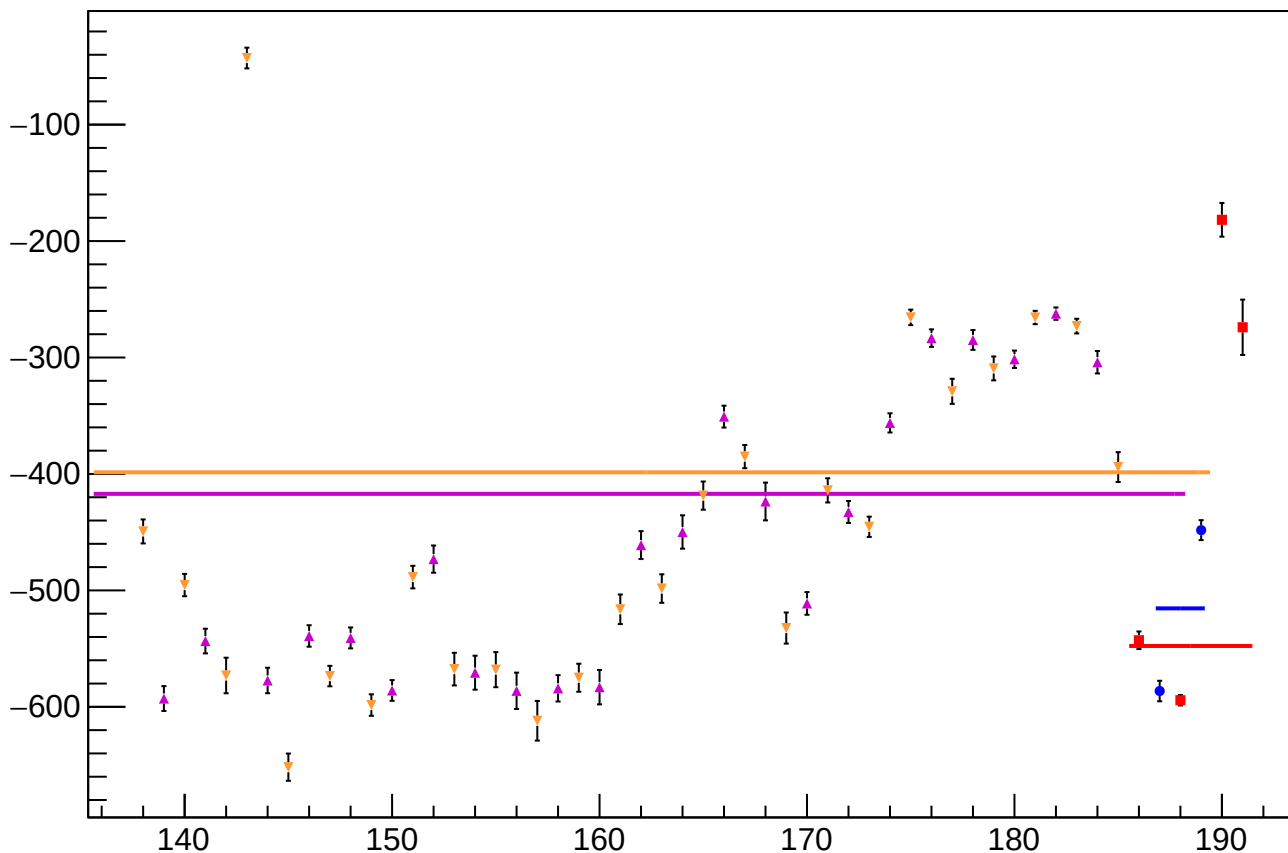
Left In: -17.552 ± 0.021 χ^2/NDF : 261900.3/22

+ sign -16.218 ± 0.019 χ^2/NDF : 927911.7/43

All: -16.299 ± 0.014 χ^2/NDF : 1786993.6/89

- sign -16.380 ± 0.019 χ^2/NDF : 859045.6/45

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -515.432 $\pm$ 6.149 χ^2/NDF : 126.1/1

Left Out: -398.556 $\pm$ 1.962 χ^2/NDF : 5659.5/24

Right Out: -547.713 $\pm$ 3.681 χ^2/NDF : 880.1/3

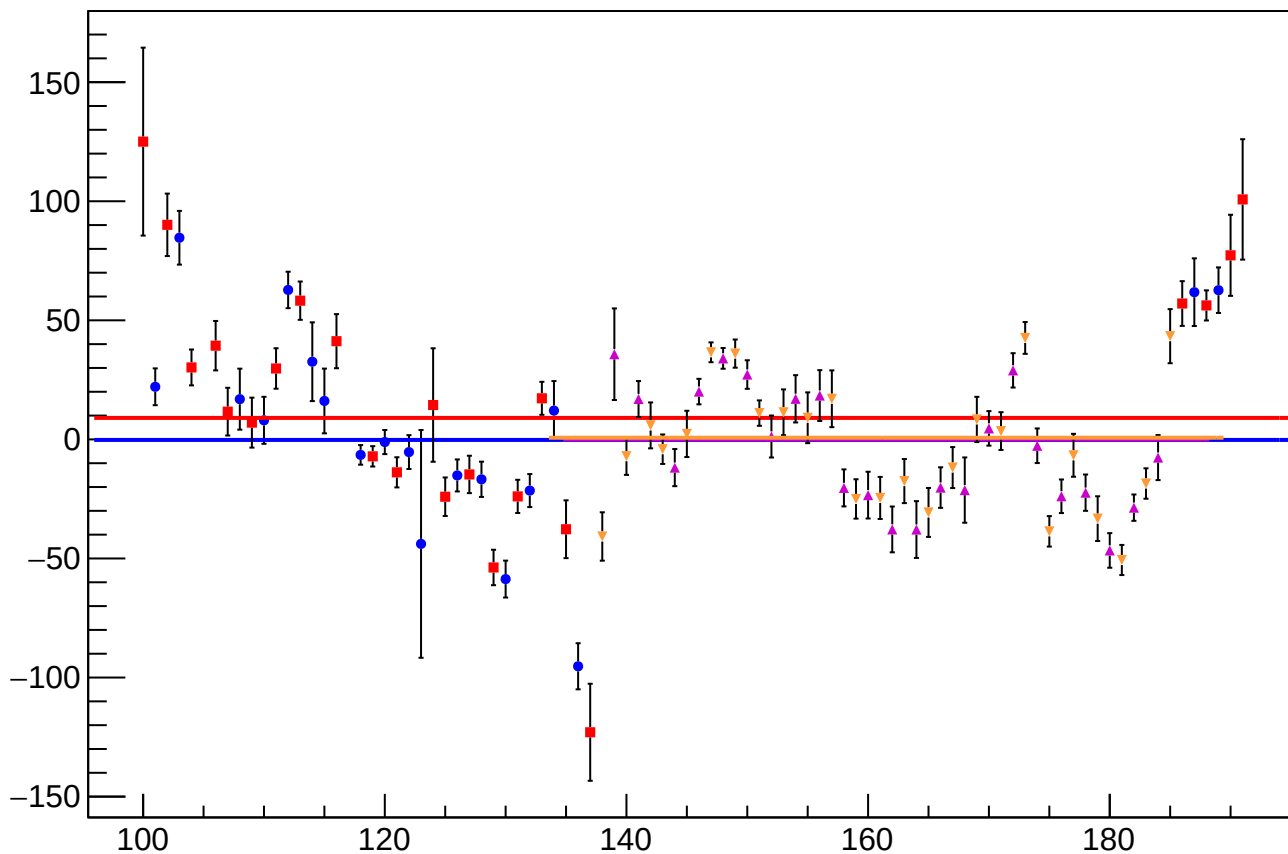
Left In: -417.080 $\pm$ 1.997 χ^2/NDF : 3958.5/22

+ sign -409.353 $\pm$ 1.869 χ^2/NDF : 6113.6/26

All: -429.235 $\pm$ 1.279 χ^2/NDF : 12138.2/53

- sign -446.776 $\pm$ 1.755 χ^2/NDF : 5811.5/26

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -0.225 ± 1.837 $\chi^2/\text{NDF}: 380.2/18$

Left Out: 0.697 ± 1.510 $\chi^2/\text{NDF}: 349.9/24$

Right Out: 9.025 ± 1.789 $\chi^2/\text{NDF}: 431.2/22$

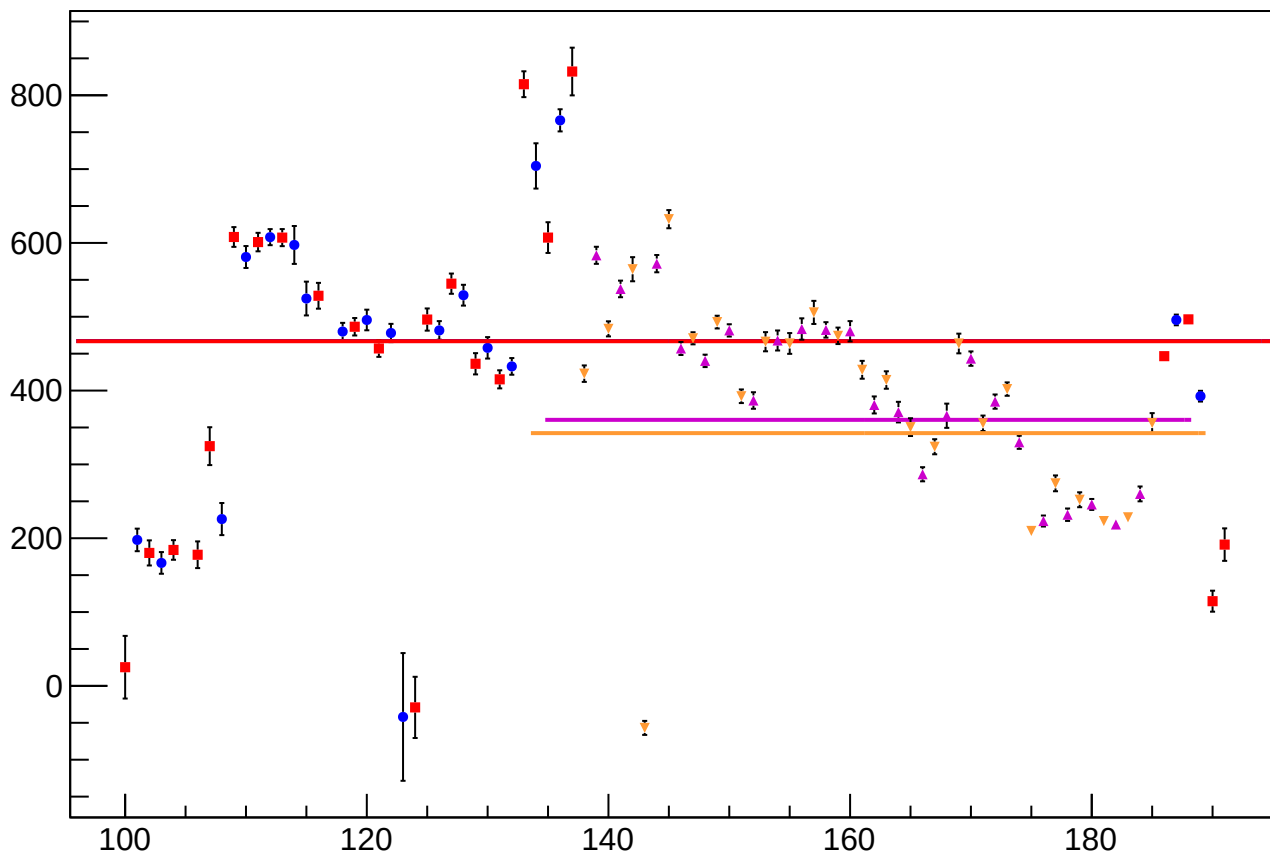
Left In: -0.052 ± 1.571 $\chi^2/\text{NDF}: 264.1/22$

+ sign 0.325 ± 1.167 $\chi^2/\text{NDF}: 730.2/43$

All: 2.092 ± 0.830 $\chi^2/\text{NDF}: 1444.8/89$

- sign 3.901 ± 1.180 $\chi^2/\text{NDF}: 709.9/45$

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: 466.878 ± 2.287 $\chi^2/\text{NDF}: 3139.8/22$

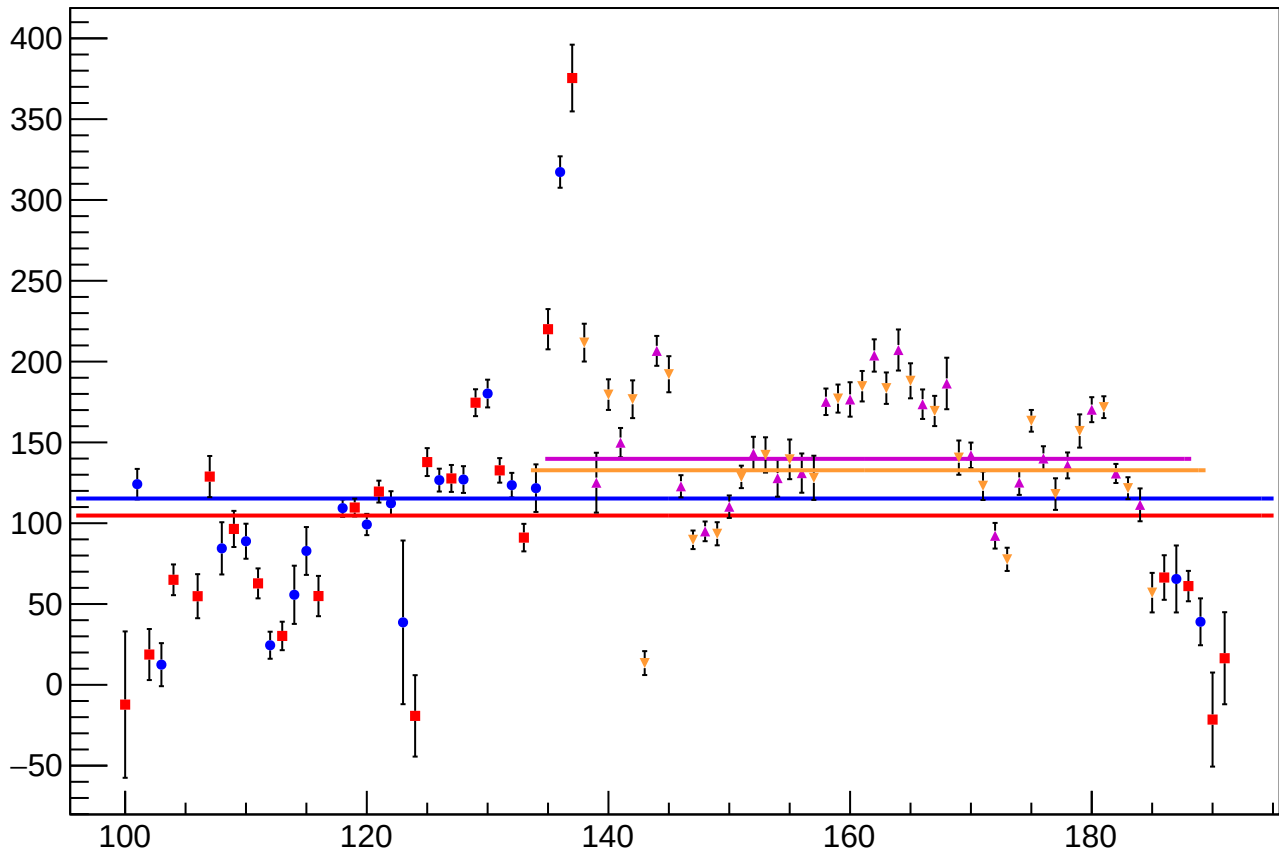
Left In: 360.355 ± 1.996 $\chi^2/\text{NDF}: 3449.9/22$

+ sign 380.582 ± 1.641 $\chi^2/\text{NDF}: 8170.2/43$

All: 394.616 ± 1.108 $\chi^2/\text{NDF}: 16126.2/89$

- sign 406.403 ± 1.504 $\chi^2/\text{NDF}: 7821.5/45$

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: 104.746 ± 2.114 $\chi^2/\text{NDF}: 633.3/22$

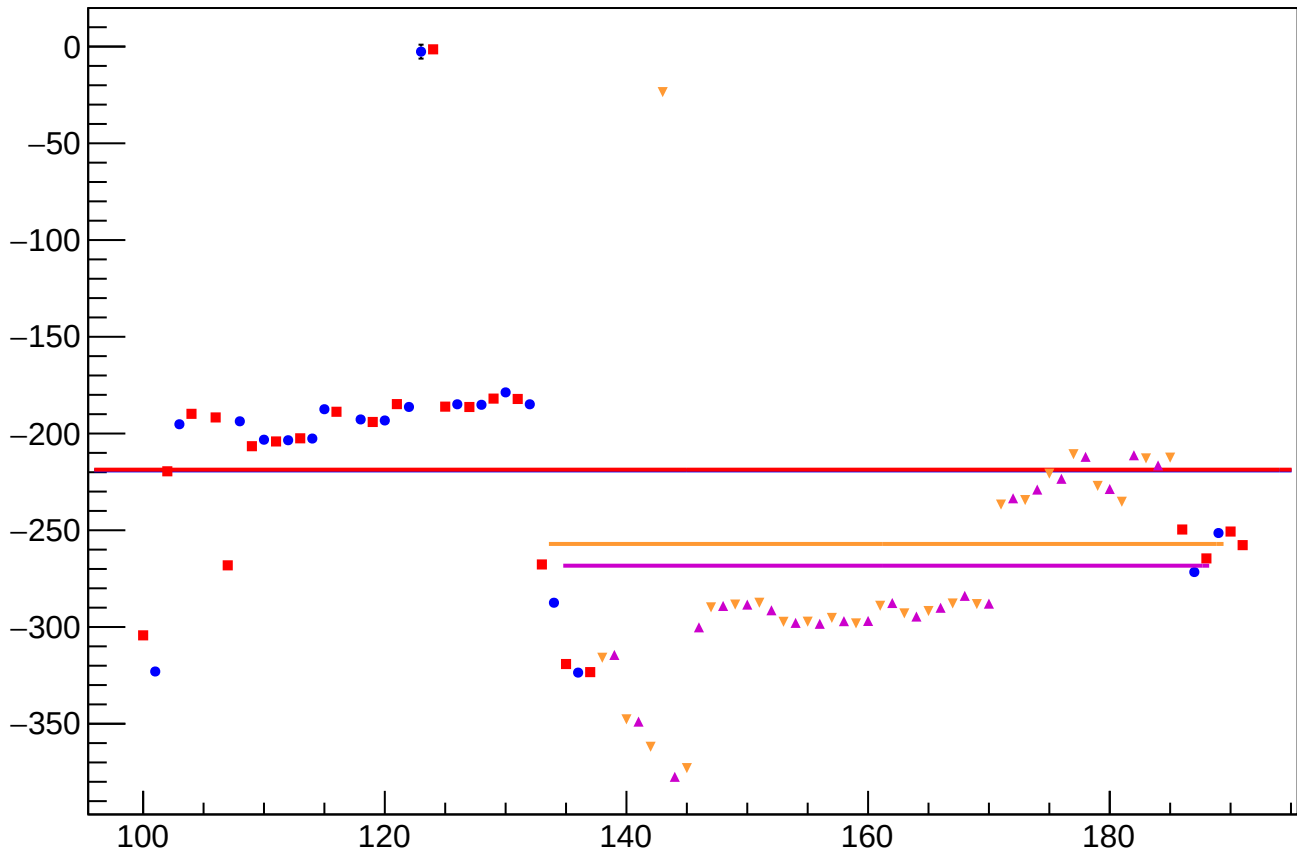
Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

+ sign 125.890 ± 1.352 $\chi^2/\text{NDF}: 1530.9/43$

All: 125.540 ± 0.961 $\chi^2/\text{NDF}: 2646.4/89$

- sign 125.182 ± 1.366 $\chi^2/\text{NDF}: 1115.4/45$

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: -218.678 ± 0.122 $\chi^2/\text{NDF}: 132670.2/22$

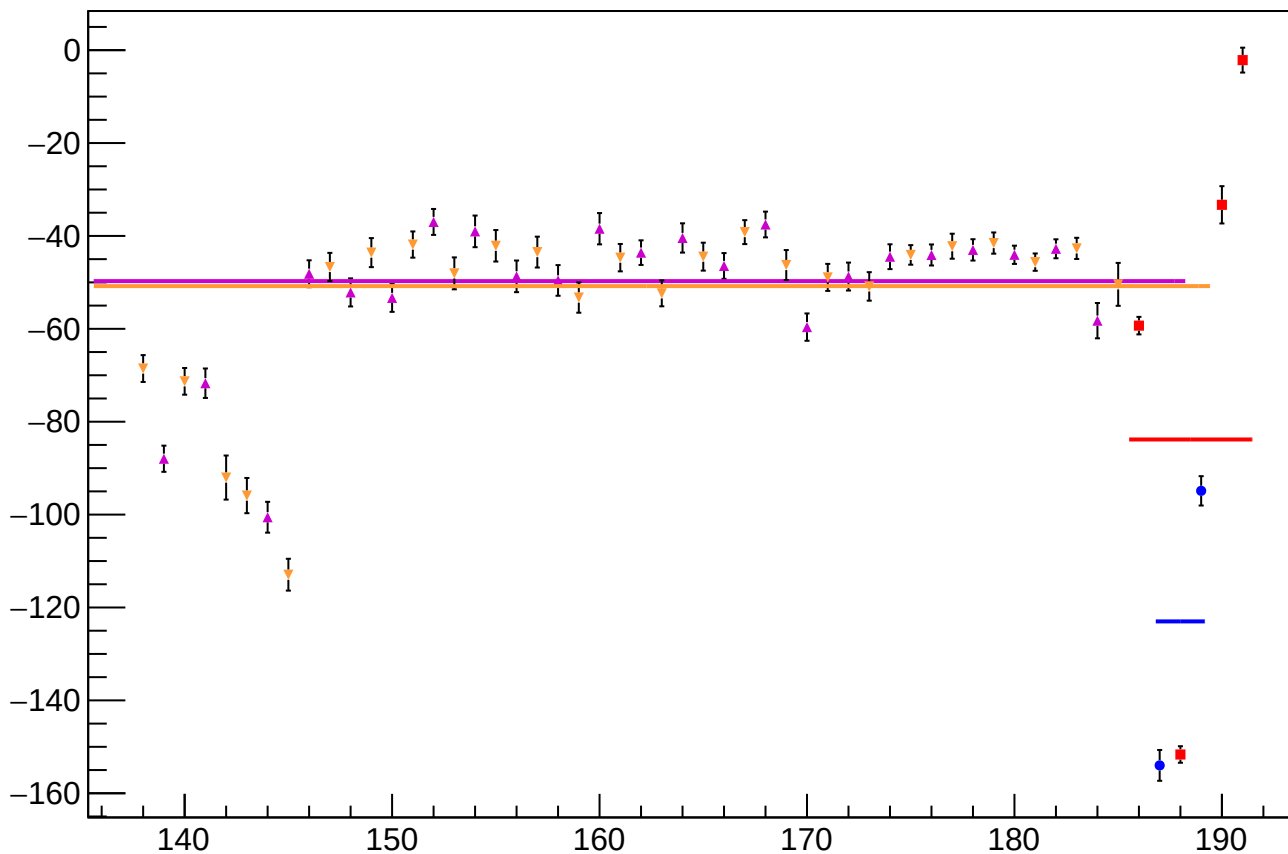
Left In: -268.305 ± 0.083 $\chi^2/\text{NDF}: 264853.3/22$

+ sign -246.393 ± 0.070 $\chi^2/\text{NDF}: 877706.3/43$

All: -249.488 ± 0.049 $\chi^2/\text{NDF}: 1392296.7/89$

- sign -252.491 ± 0.069 $\chi^2/\text{NDF}: 510713.5/45$

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -122.997 ± 2.288 $\chi^2/\text{NDF}: 166.5/1$

Left Out: -50.802 ± 0.574 $\chi^2/\text{NDF}: 752.7/24$

Right Out: -83.826 ± 1.119 $\chi^2/\text{NDF}: 2708.2/3$

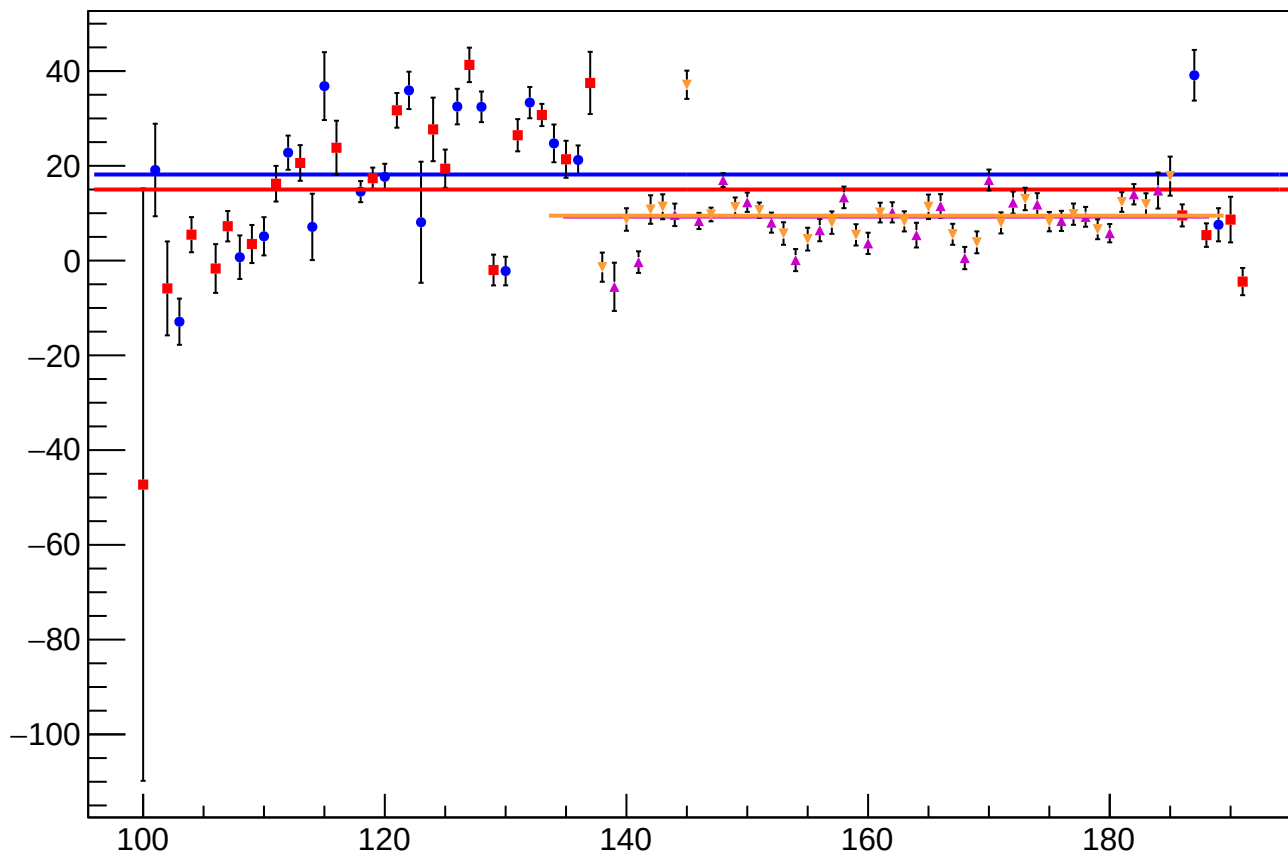
Left In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

+ sign -55.073 ± 0.557 $\chi^2/\text{NDF}: 1855.7/26$

All: -56.095 ± 0.378 $\chi^2/\text{NDF}: 5901.8/53$

- sign -56.973 ± 0.516 $\chi^2/\text{NDF}: 4039.8/26$

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.168 $\pm$ 0.865 χ^2 /NDF: 229.1/18

Left Out: 9.483 $\pm$ 0.447 χ^2 /NDF: 133.0/24

Right Out: 14.999 $\pm$ 0.735 χ^2 /NDF: 286.6/22

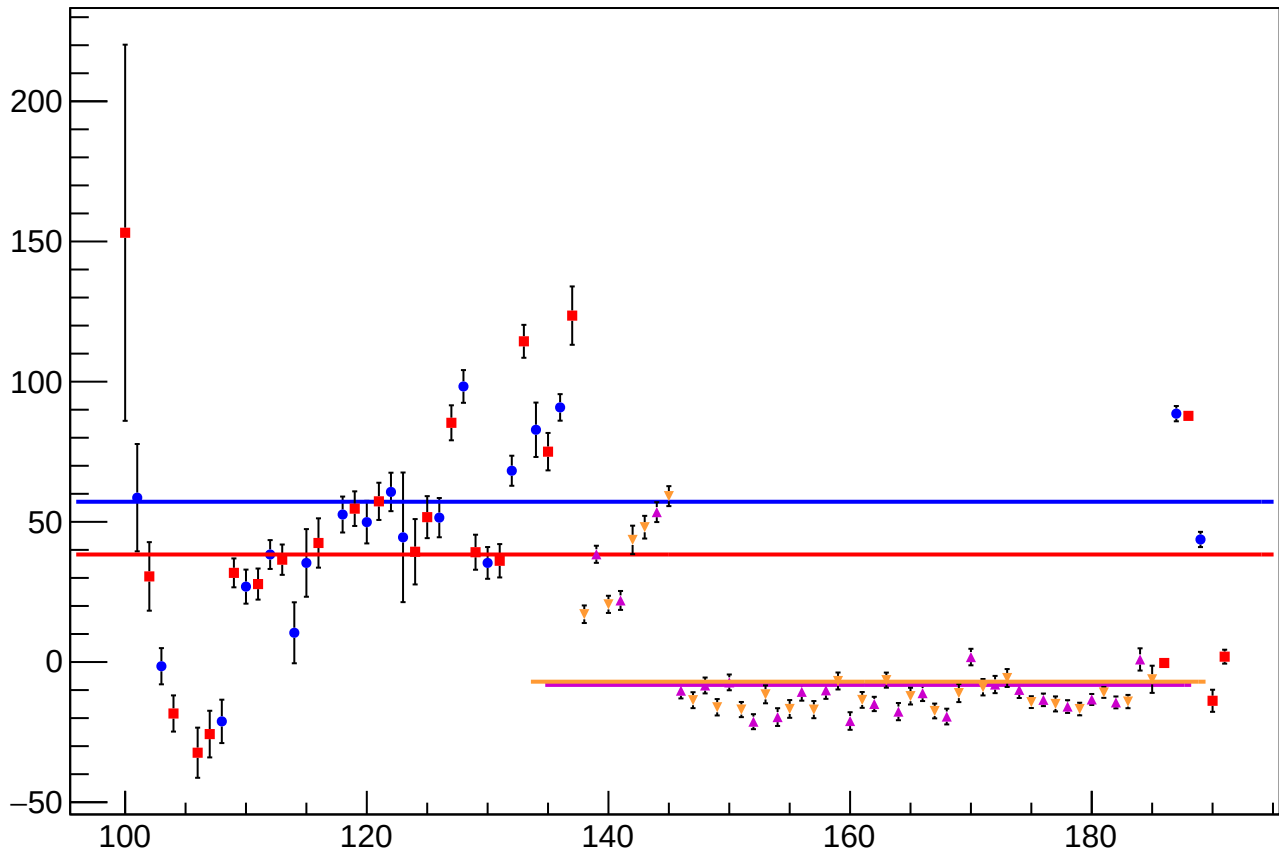
Left In: 9.289 $\pm$ 0.461 χ^2 /NDF: 125.6/22

+ sign 11.312 $\pm$ 0.397 χ^2 /NDF: 441.7/43

All: 11.102 $\pm$ 0.278 χ^2 /NDF: 897.9/89

- sign 10.898 $\pm$ 0.390 χ^2 /NDF: 455.6/45

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 57.168 $\pm$ 1.260 χ^2 /NDF: 531.3/18

Left Out: -7.007 $\pm$ 0.572 χ^2 /NDF: 899.2/24

Right Out: 38.356 $\pm$ 0.806 χ^2 /NDF: 2780.7/22

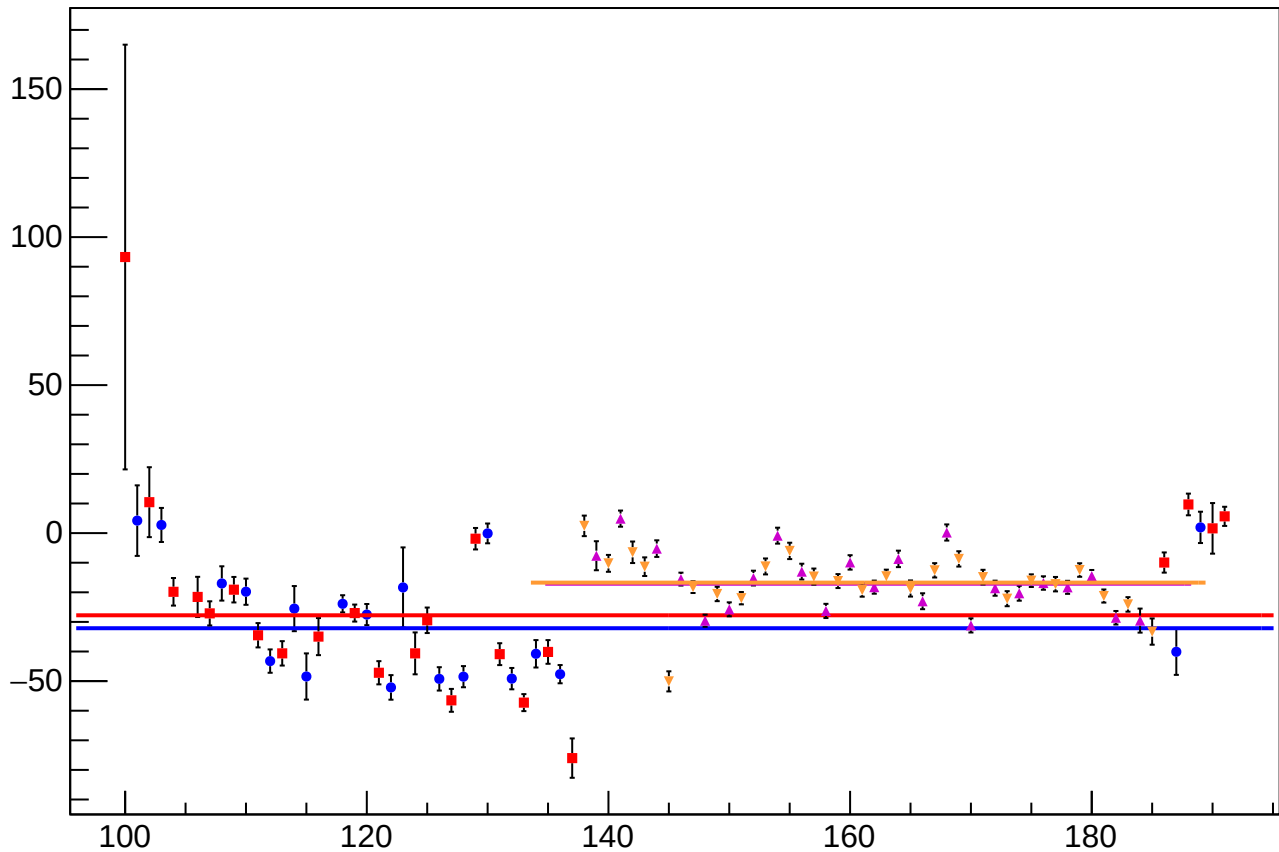
Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

+ sign 3.951 $\pm$ 0.521 χ^2 /NDF: 3580.6/43

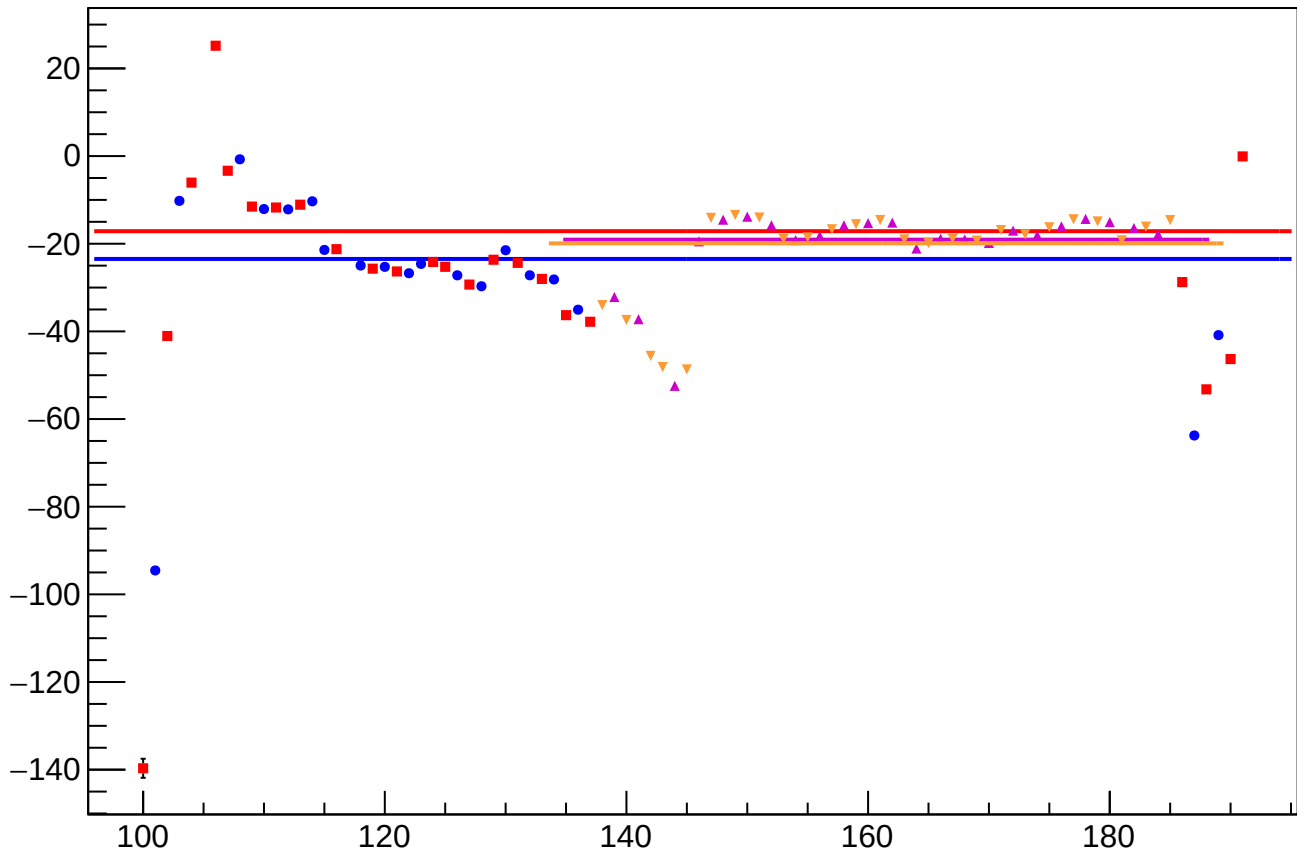
All: 5.980 $\pm$ 0.349 χ^2 /NDF: 9343.3/89

- sign 7.630 $\pm$ 0.470 χ^2 /NDF: 5735.2/45

reg_asym_atr1_diff_bpm4eY_slope vs Slug



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: -17.140 ± 0.045 χ^2/NDF : 174546.9/22

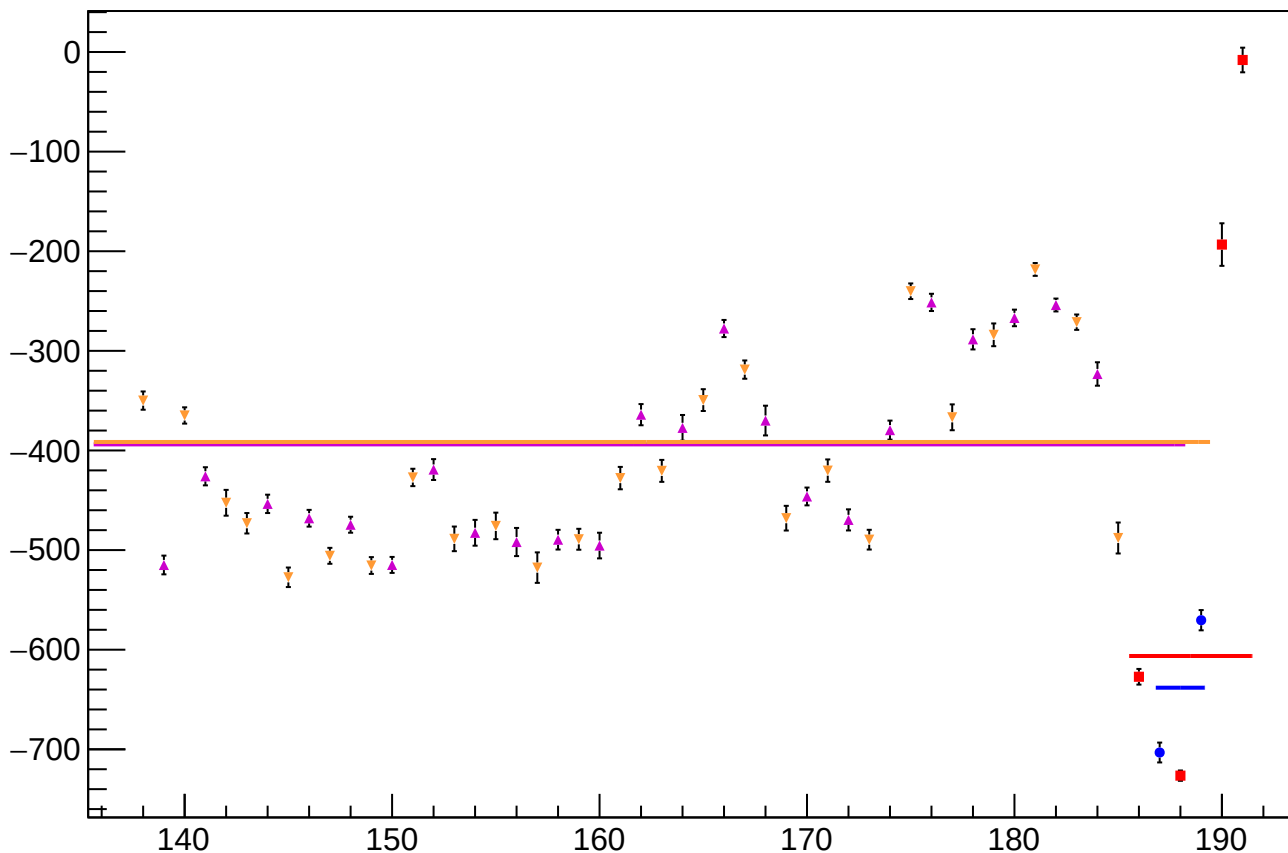
Left In: -19.068 ± 0.024 χ^2/NDF : 92702.3/22

+ sign -20.438 ± 0.022 χ^2/NDF : 209524.0/43

All: -19.517 ± 0.015 χ^2/NDF : 481758.5/89

- sign -18.652 ± 0.021 χ^2/NDF : 268692.4/45

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: -606.323+/-4.010 χ^2/NDF : 3258.9/3

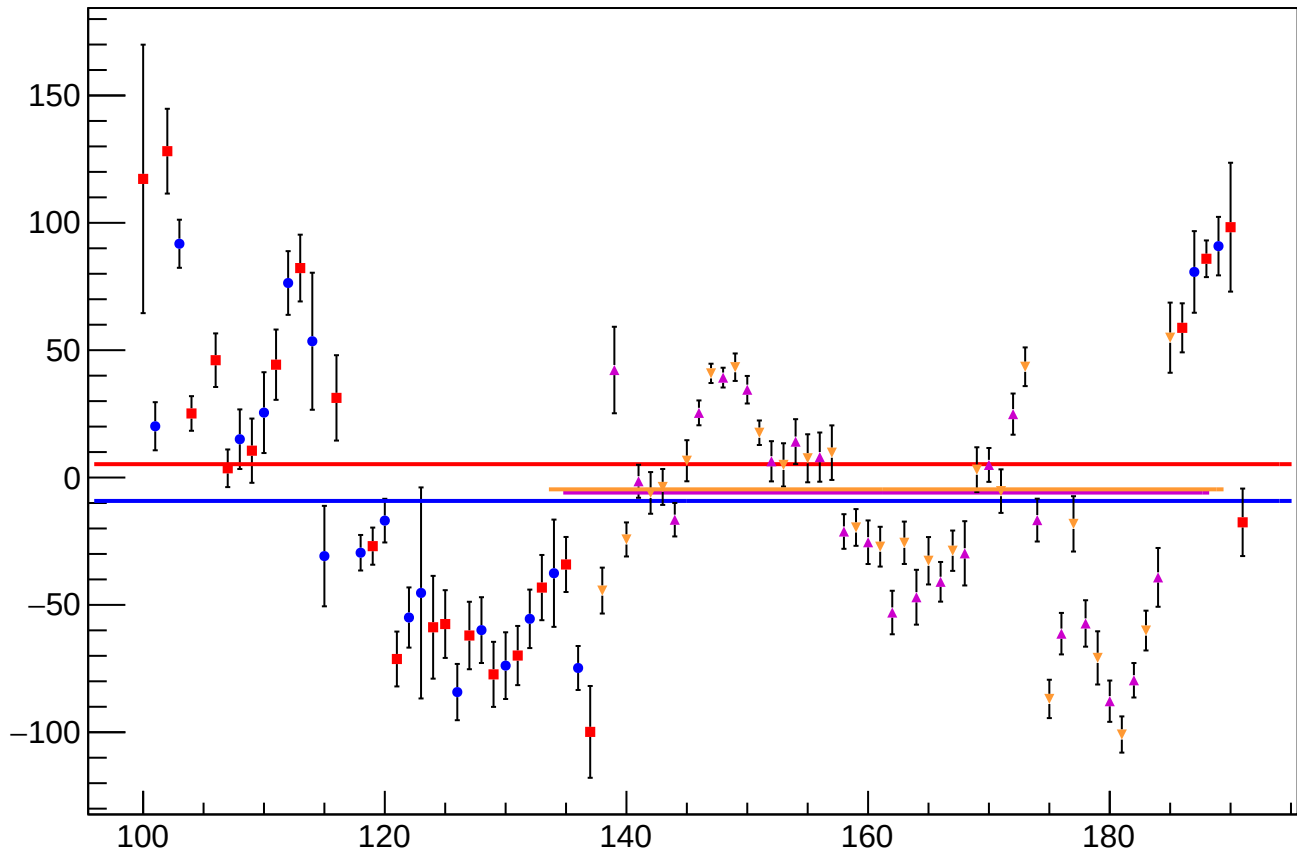
Left In: -393.904+/-1.998 χ^2/NDF : 2280.8/22

+ sign -409.072+/-1.901 χ^2/NDF : 3911.2/26

All: -423.437+/-1.302 χ^2/NDF : 11806.9/53

- sign -436.150+/-1.788 χ^2/NDF : 7788.0/26

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: 5.250 ± 2.333 $\chi^2/\text{NDF}: 573.9/22$

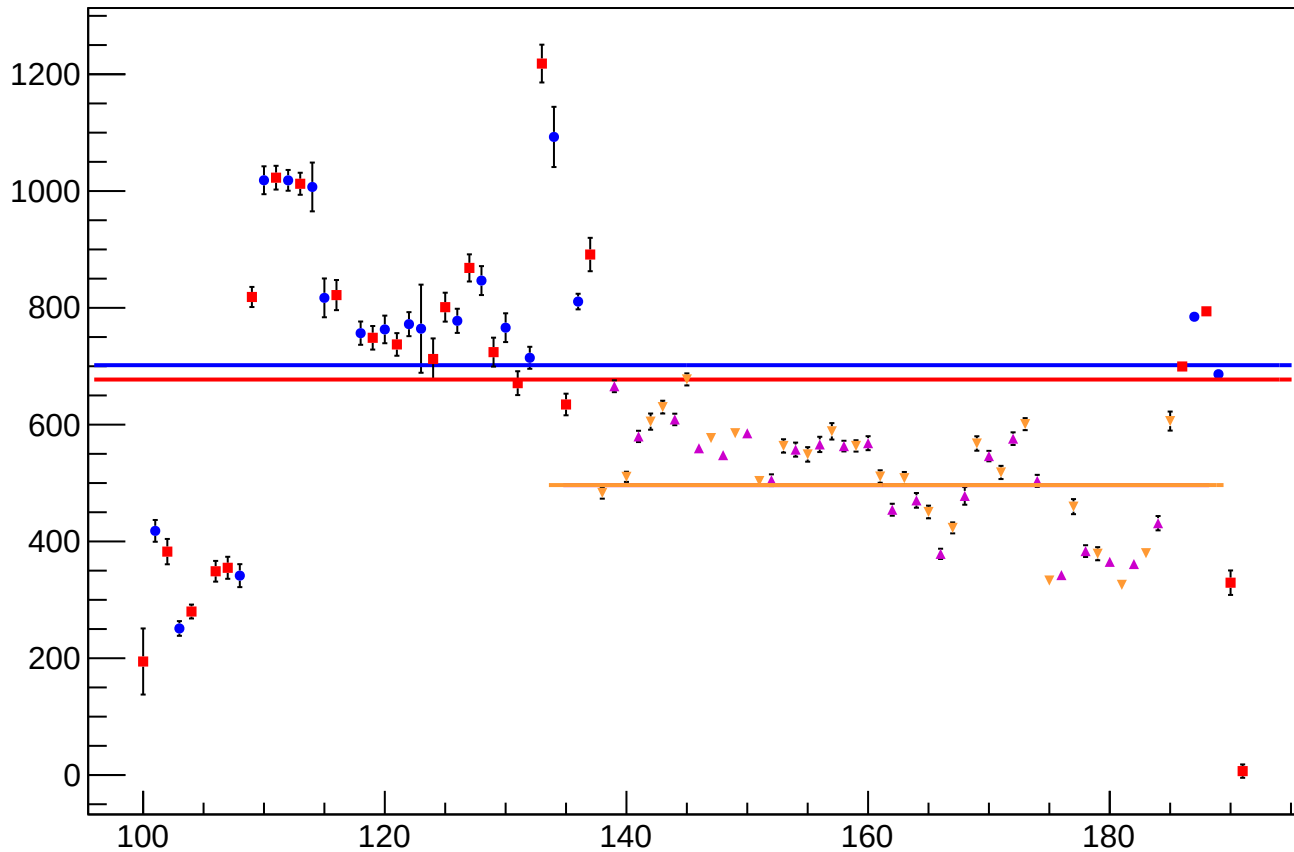
Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

+ sign -5.694 ± 1.286 $\chi^2/\text{NDF}: 1254.4/43$

All: -4.128 ± 0.903 $\chi^2/\text{NDF}: 2504.9/89$

- sign -2.602 ± 1.270 $\chi^2/\text{NDF}: 1247.5/45$

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: 677.247 $\pm$ 2.698 χ^2 /NDF: 7676.6/22

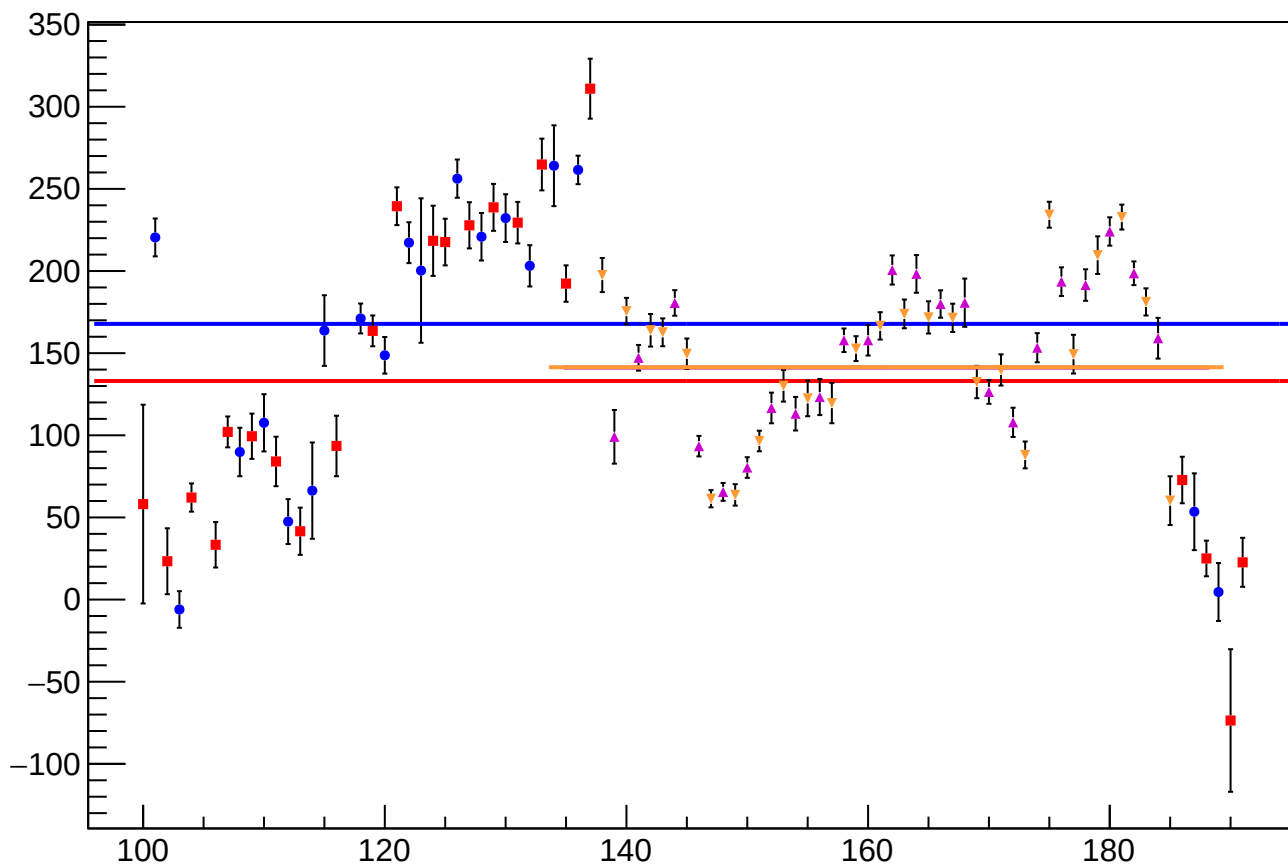
Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

+ sign 539.573 $\pm$ 1.752 χ^2 /NDF: 7582.0/43

All: 550.674 $\pm$ 1.181 χ^2 /NDF: 20542.3/89

- sign 559.918 $\pm$ 1.599 χ^2 /NDF: 12886.7/45

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: 133.047 $\pm$ 2.813 χ^2 /NDF: 918.7/22

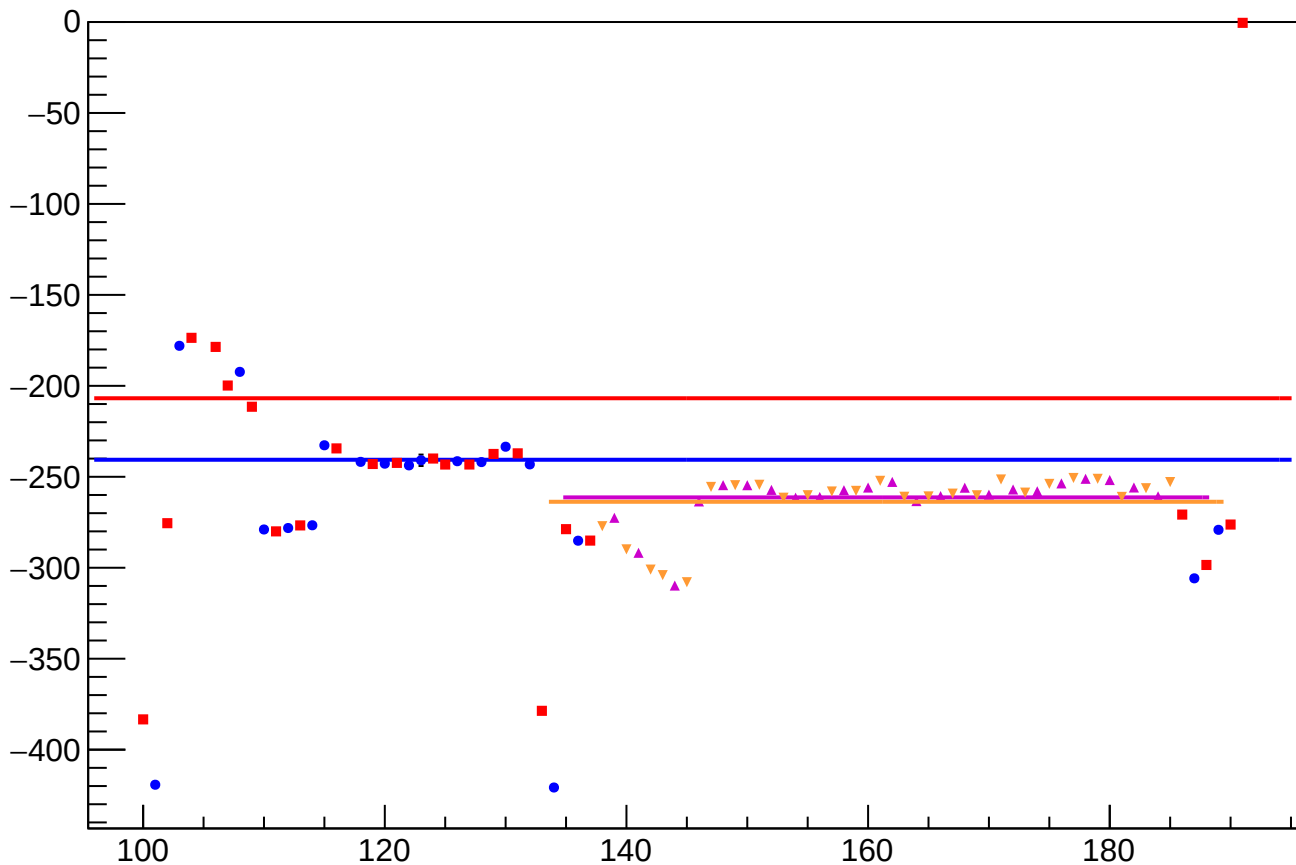
Left In: 141.248 $\pm$ 1.744 χ^2 /NDF: 744.2/22

+ sign 147.484 $\pm$ 1.496 χ^2 /NDF: 1766.2/43

All: 143.188 $\pm$ 1.053 χ^2 /NDF: 3451.6/89

- sign 138.971 $\pm$ 1.482 χ^2 /NDF: 1669.1/45

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: -206.826 ± 0.136 $\chi^2/\text{NDF}: 406757.6/22$

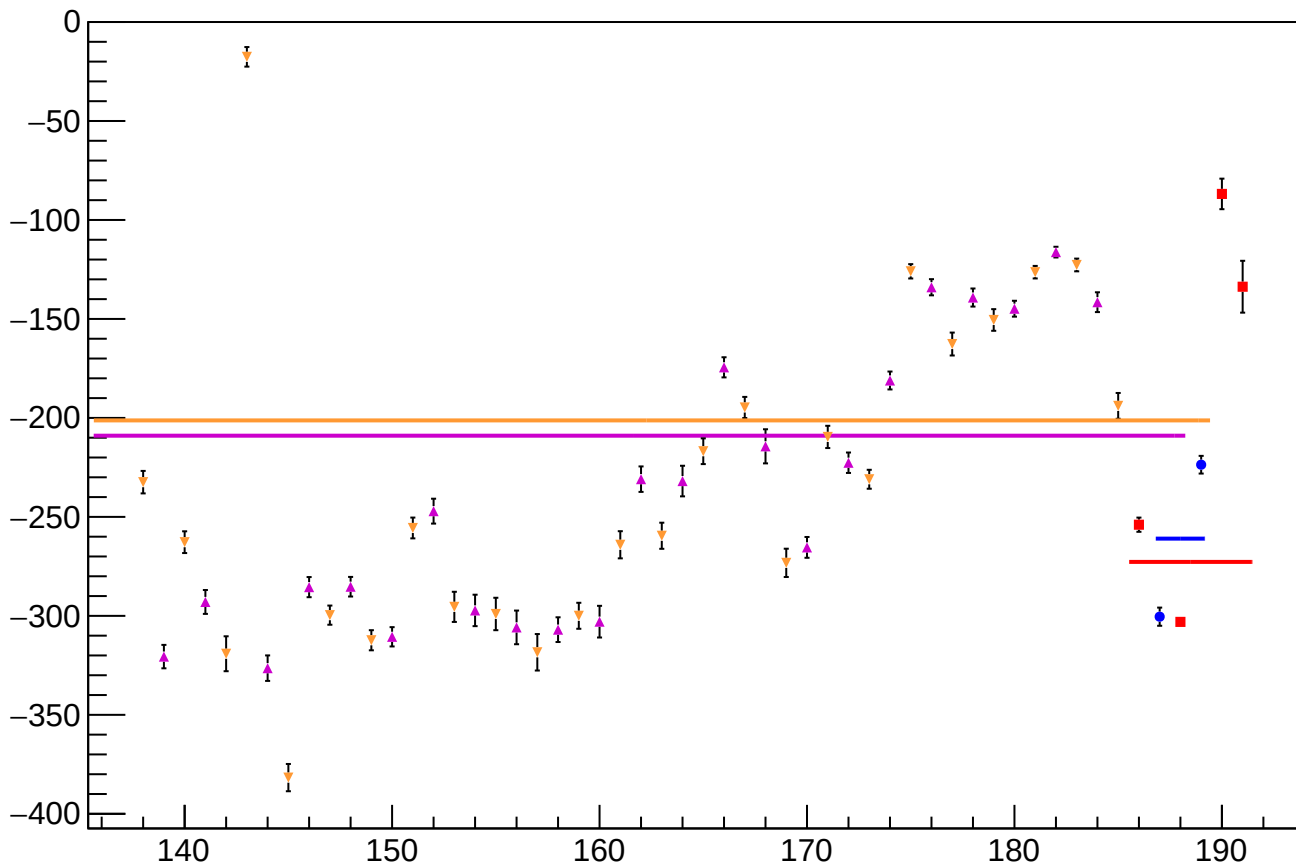
Left In: -261.325 ± 0.082 $\chi^2/\text{NDF}: 23449.2/22$

+ sign -258.781 ± 0.072 $\chi^2/\text{NDF}: 227094.8/43$

All: -252.631 ± 0.050 $\chi^2/\text{NDF}: 789656.7/89$

- sign -246.856 ± 0.070 $\chi^2/\text{NDF}: 548496.8/45$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -260.983 ± 3.202 $\chi^2/\text{NDF}: 143.6/1$

Left Out: -201.261 ± 1.065 $\chi^2/\text{NDF}: 6110.1/24$

Right Out: -272.741 ± 1.896 $\chi^2/\text{NDF}: 884.1/3$

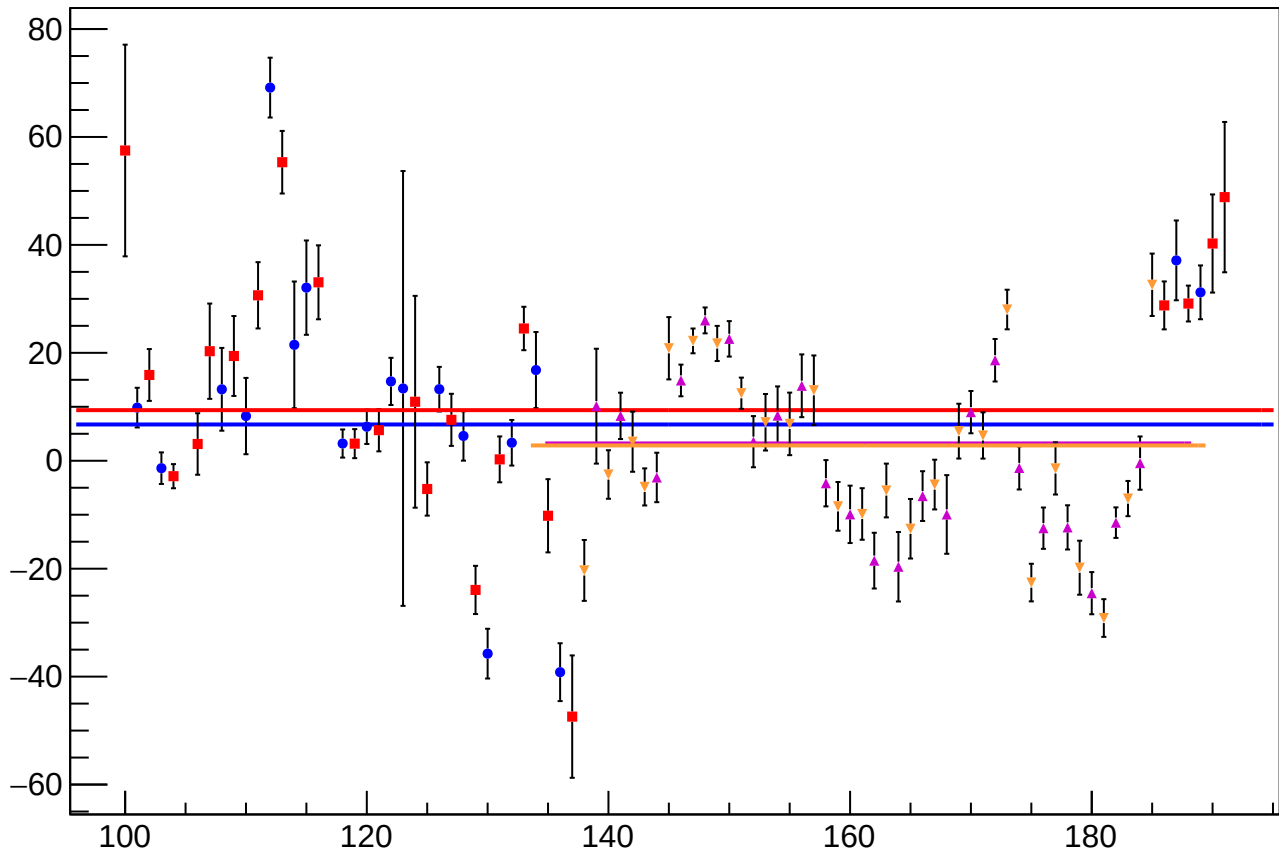
Left In: -208.981 ± 1.078 $\chi^2/\text{NDF}: 4865.2/22$

+ sign -207.214 ± 1.011 $\chi^2/\text{NDF}: 6566.8/26$

All: -216.544 ± 0.687 $\chi^2/\text{NDF}: 13329.3/53$

- sign -224.563 ± 0.937 $\chi^2/\text{NDF}: 6604.0/26$

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: 9.378 ± 0.985 $\chi^2/\text{NDF}: 326.0/22$

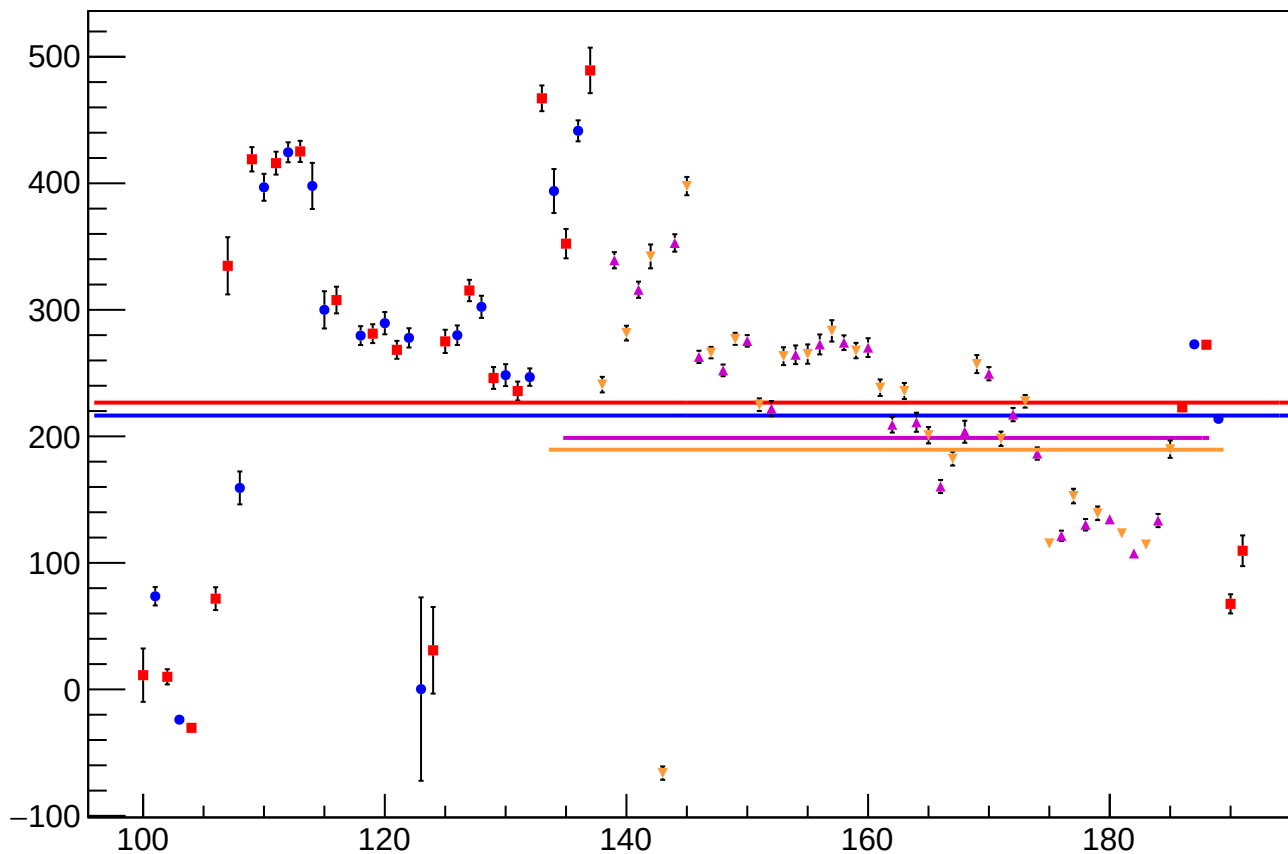
Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

+ sign 4.315 ± 0.649 $\chi^2/\text{NDF}: 784.8/43$

All: 5.089 ± 0.458 $\chi^2/\text{NDF}: 1459.9/89$

- sign 5.856 ± 0.646 $\chi^2/\text{NDF}: 672.2/45$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 216.454 ± 1.586 $\chi^2/\text{NDF}: 7032.5/18$

Left Out: 189.453 ± 1.070 $\chi^2/\text{NDF}: 6649.7/24$

Right Out: 226.675 ± 1.203 $\chi^2/\text{NDF}: 9637.6/22$

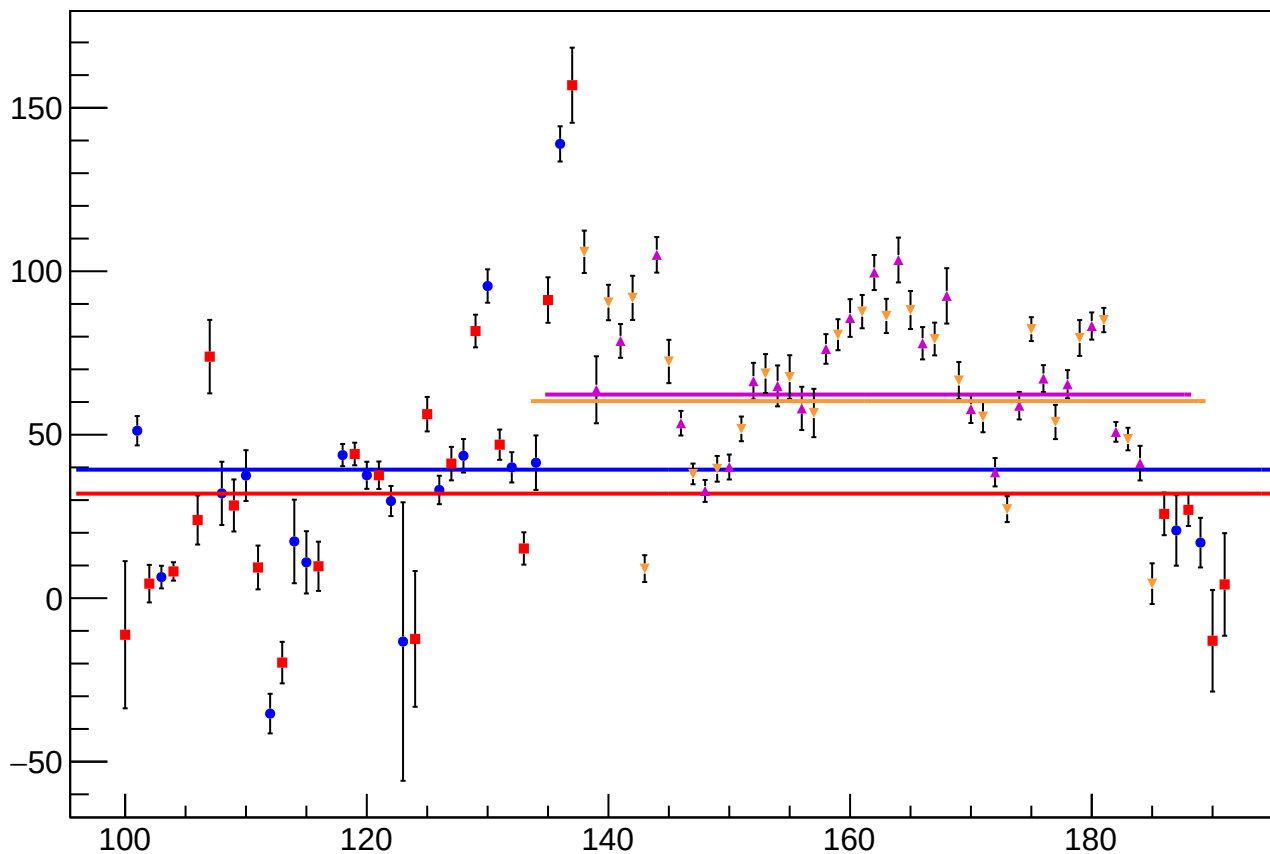
Left In: 198.762 ± 1.078 $\chi^2/\text{NDF}: 4590.0/22$

+ sign 197.894 ± 0.887 $\chi^2/\text{NDF}: 13881.3/43$

All: 205.200 ± 0.595 $\chi^2/\text{NDF}: 28530.9/89$

- sign 211.187 ± 0.803 $\chi^2/\text{NDF}: 14526.1/45$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 39.317 $\pm$ 1.242 χ^2/NDF : 747.1/18

Left Out: 60.287 $\pm$ 0.945 χ^2/NDF : 714.8/24

Right Out: 31.984 $\pm$ 1.187 χ^2/NDF : 568.2/22

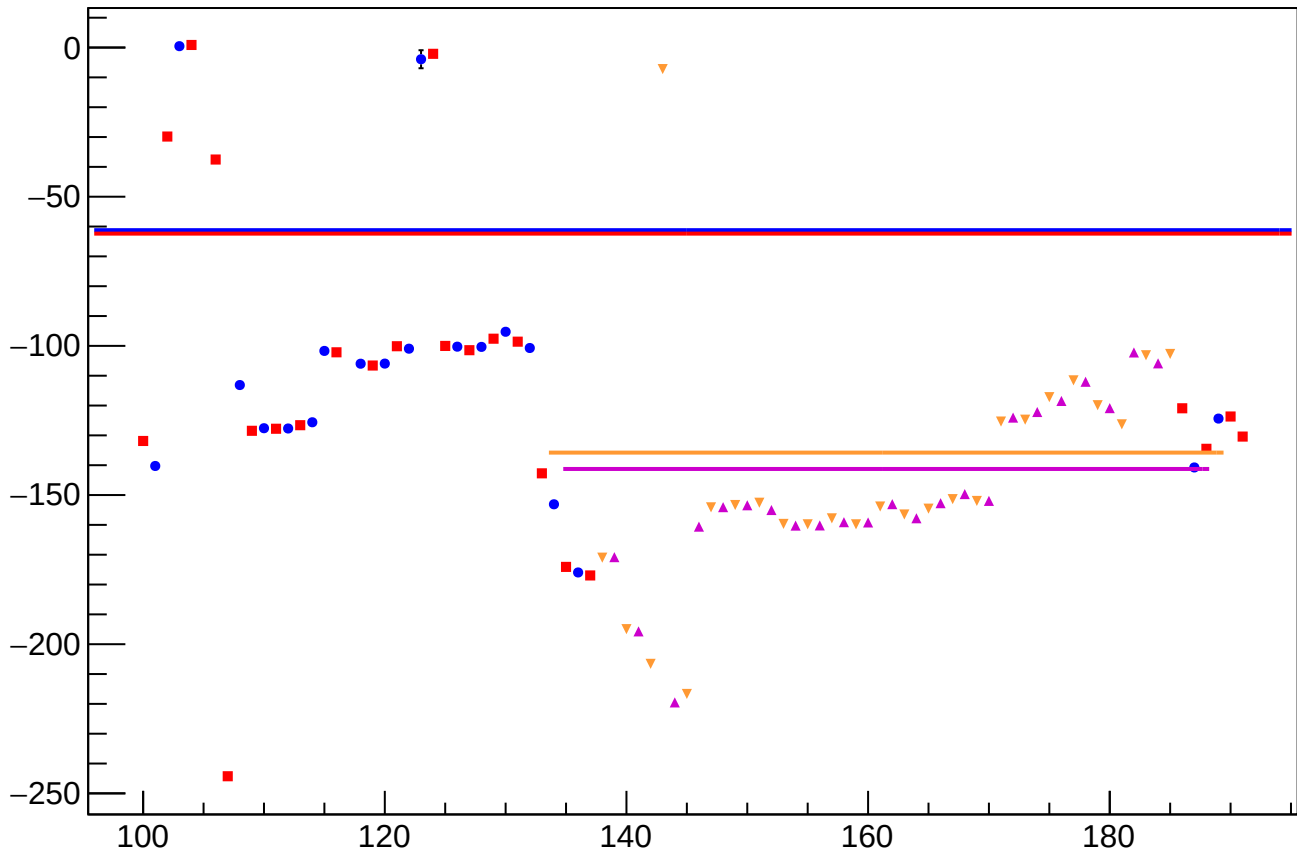
Left In: 62.290 $\pm$ 0.971 χ^2/NDF : 411.6/22

+ sign 52.597 $\pm$ 0.752 χ^2/NDF : 1642.5/43

All: 51.365 $\pm$ 0.532 χ^2/NDF : 3018.1/89

- sign 50.135 $\pm$ 0.752 χ^2/NDF : 1370.3/45

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: -62.374 ± 0.057 $\chi^2/\text{NDF}: 1159656.8/22$

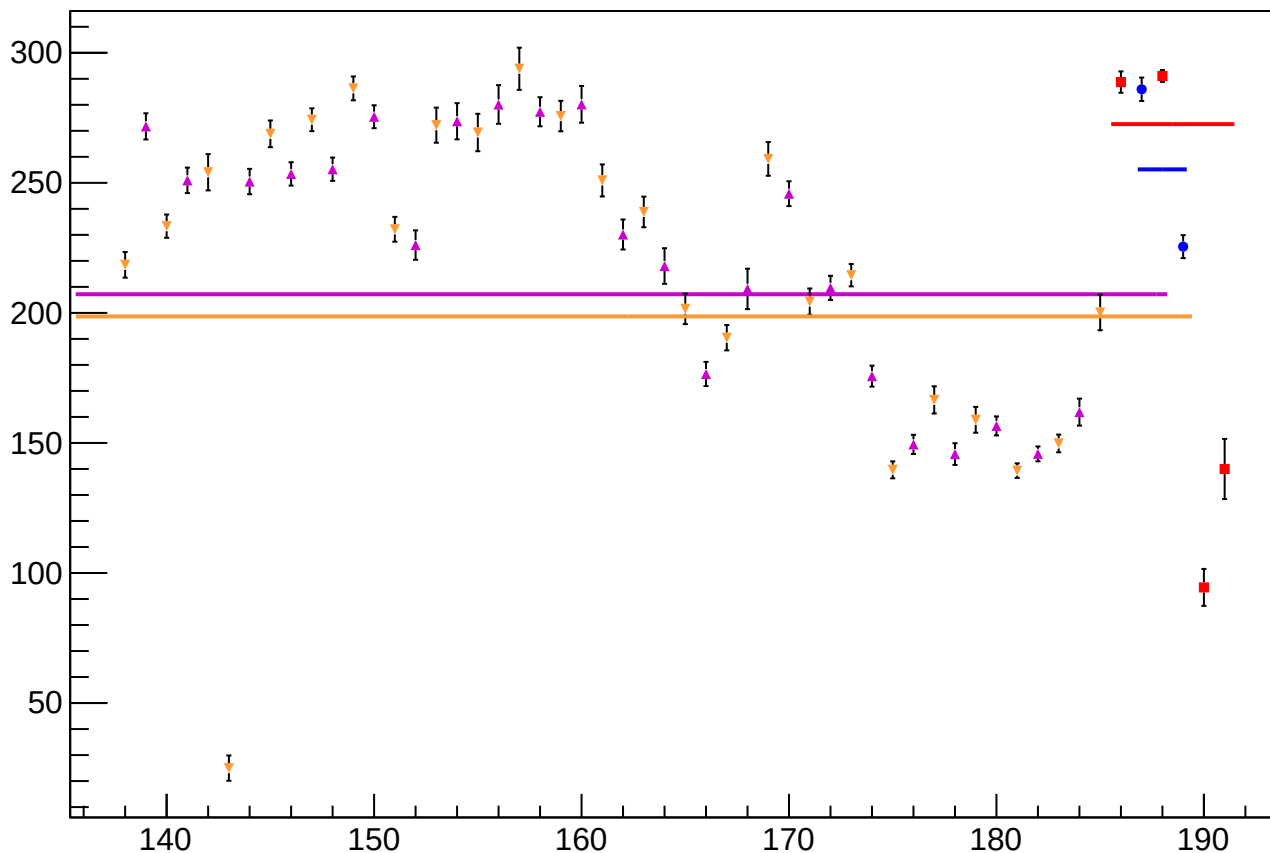
Left In: -141.259 ± 0.045 $\chi^2/\text{NDF}: 350045.9/22$

+ sign -109.304 ± 0.036 $\chi^2/\text{NDF}: 2893517.2/43$

All: -110.156 ± 0.025 $\chi^2/\text{NDF}: 5578053.5/89$

- sign -110.987 ± 0.035 $\chi^2/\text{NDF}: 2683421.8/45$

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: 272.576 $\pm$ 1.893 χ^2 /NDF: 841.8/3

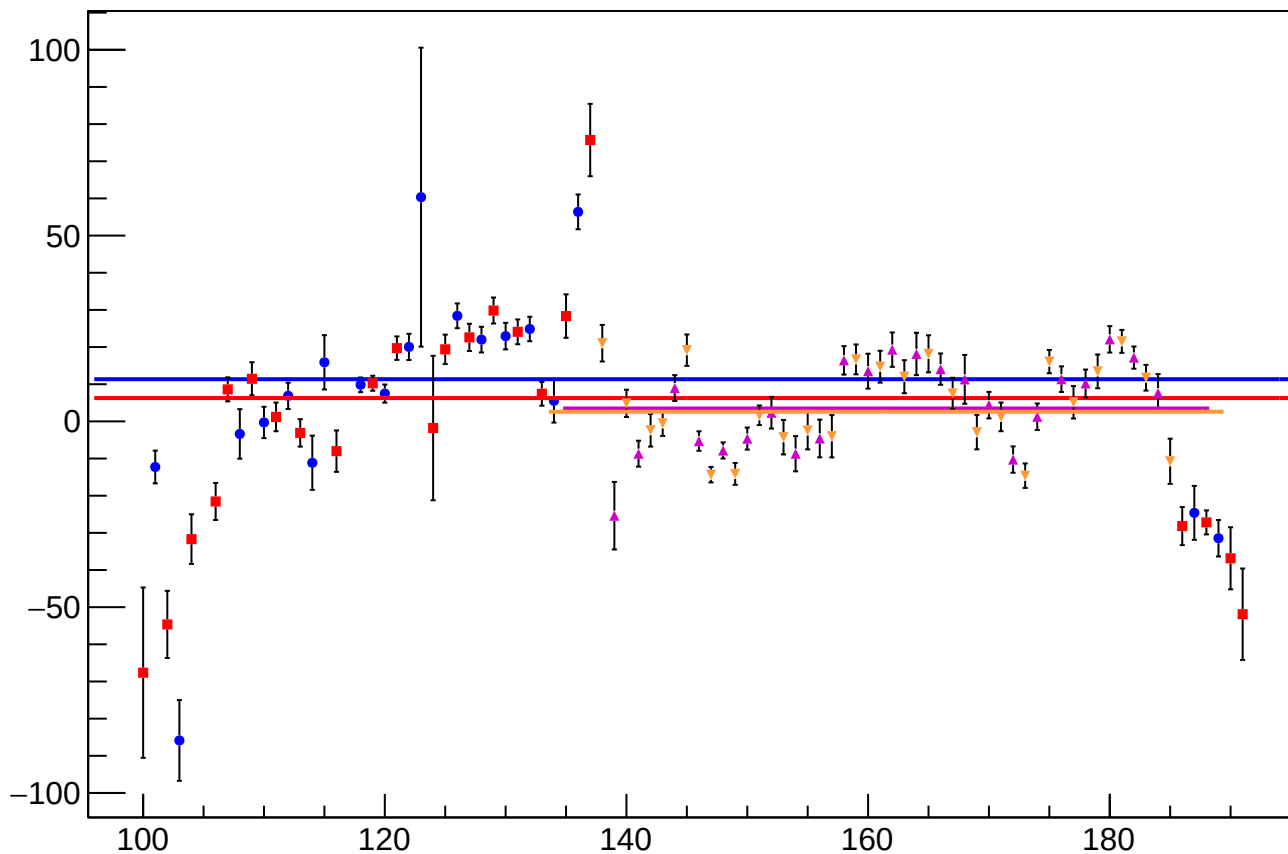
Left In: 207.171 $\pm$ 0.986 χ^2 /NDF: 2631.6/22

+ sign 203.493 $\pm$ 0.924 χ^2 /NDF: 4532.8/26

All: 212.792 $\pm$ 0.635 χ^2 /NDF: 9137.2/53

- sign 221.126 $\pm$ 0.874 χ^2 /NDF: 4412.2/26

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 11.350 ± 0.897 χ^2/NDF : 400.6/18

Left Out: 2.595 ± 0.744 χ^2/NDF : 274.3/24

Right Out: 6.277 ± 0.862 χ^2/NDF : 529.6/22

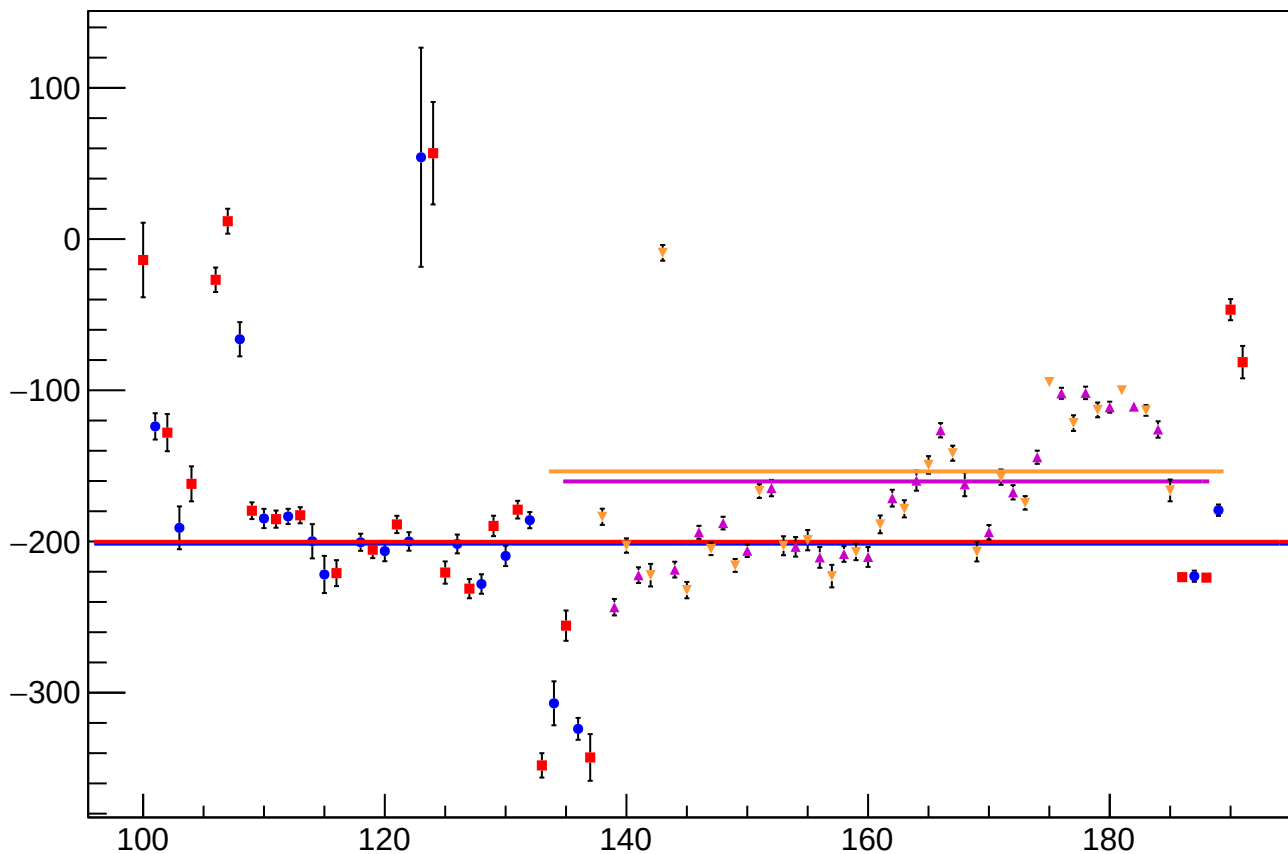
Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

+ sign 6.163 ± 0.573 χ^2/NDF : 731.3/43

All: 5.447 ± 0.406 χ^2/NDF : 1464.6/89

- sign 4.724 ± 0.575 χ^2/NDF : 730.1/45

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: -200.198 ± 1.144 χ^2/NDF : 2645.2/22

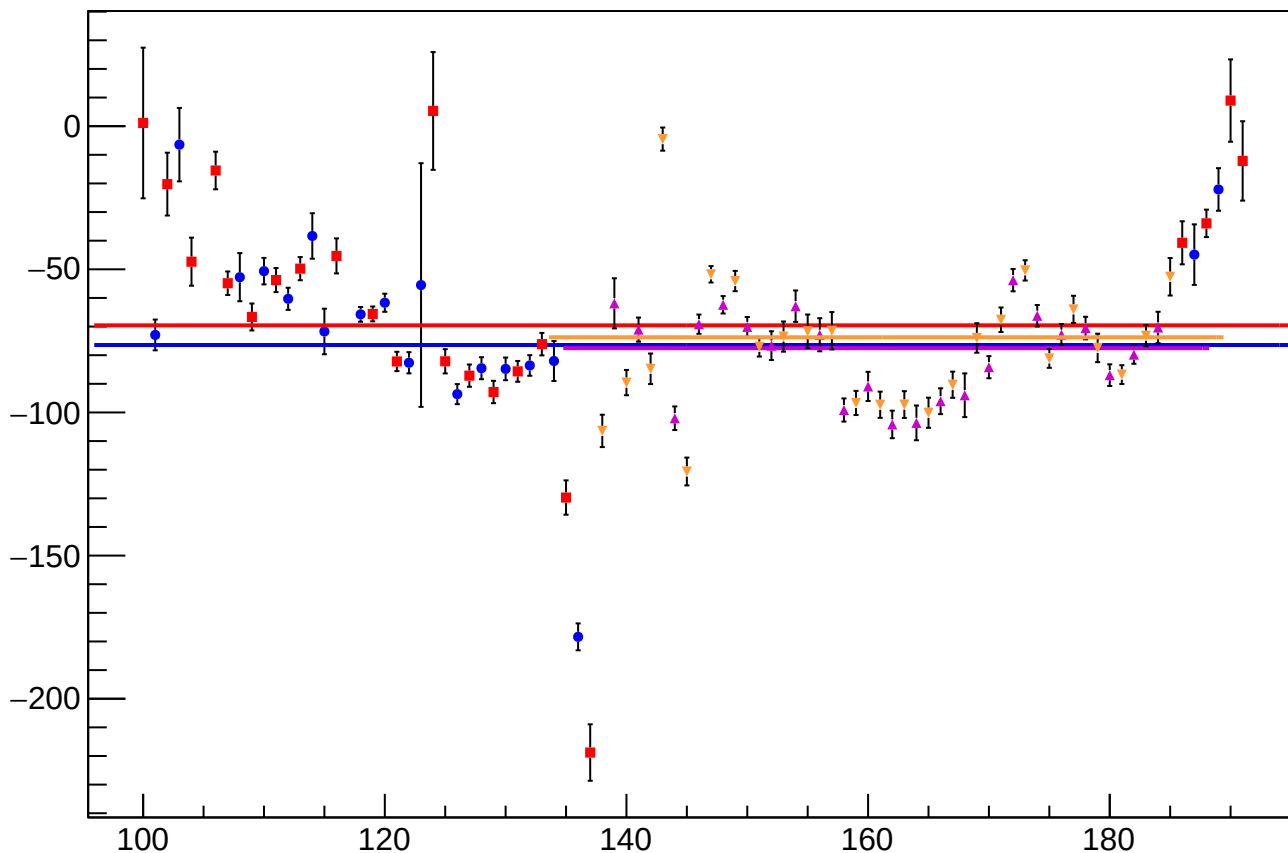
Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

+ sign -168.071 ± 0.810 χ^2/NDF : 4355.3/43

All: -173.050 ± 0.549 χ^2/NDF : 9819.1/89

- sign -177.274 ± 0.746 χ^2/NDF : 5394.0/45

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -76.441 ± 1.050 χ^2/NDF : 722.3/18

Left Out: -73.741 ± 0.855 χ^2/NDF : 728.3/24

Right Out: -69.574 ± 1.015 χ^2/NDF : 732.0/22

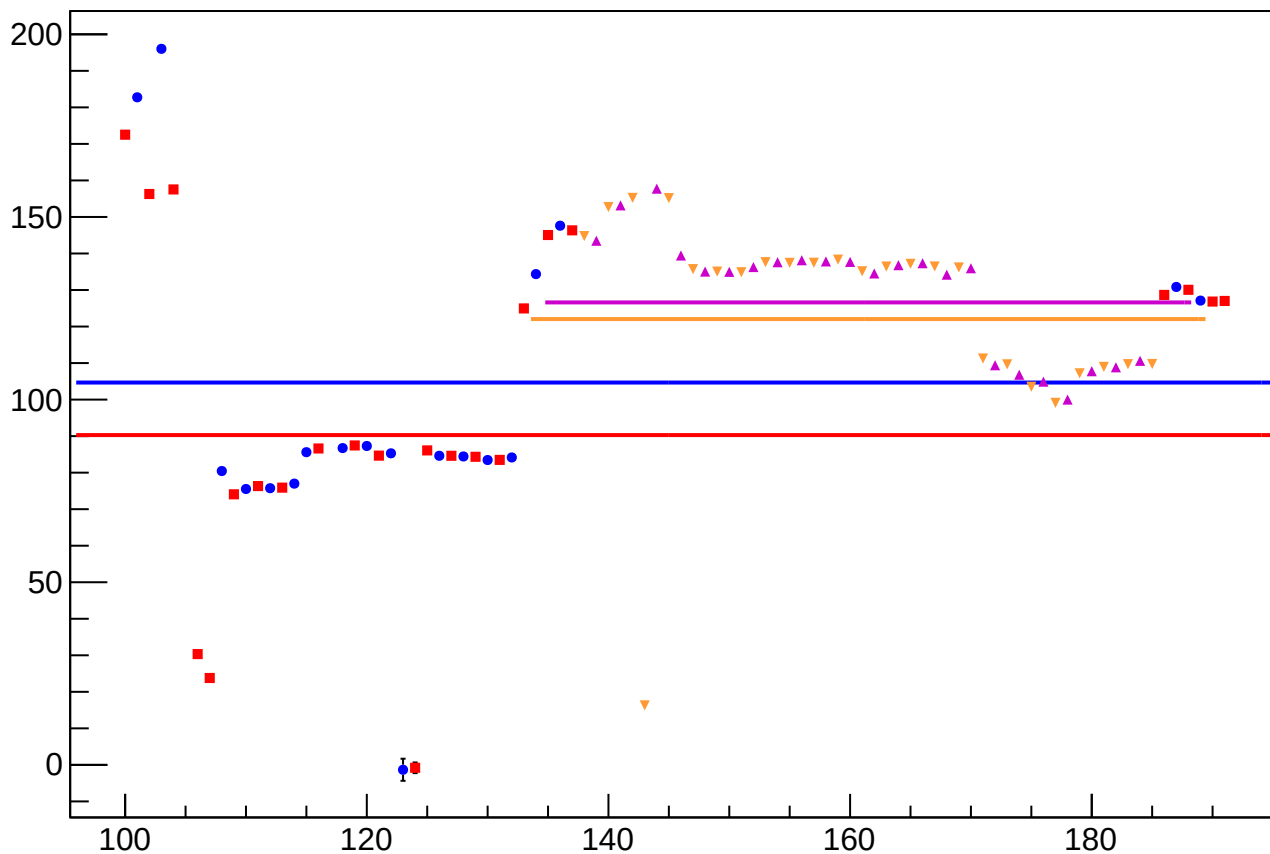
Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

+ sign -74.817 ± 0.663 χ^2/NDF : 1454.6/43

All: -74.471 ± 0.469 χ^2/NDF : 2475.0/89

- sign -74.123 ± 0.665 χ^2/NDF : 1019.9/45

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: 90.287 $\pm$ 0.060 χ^2 /NDF: 479156.2/22

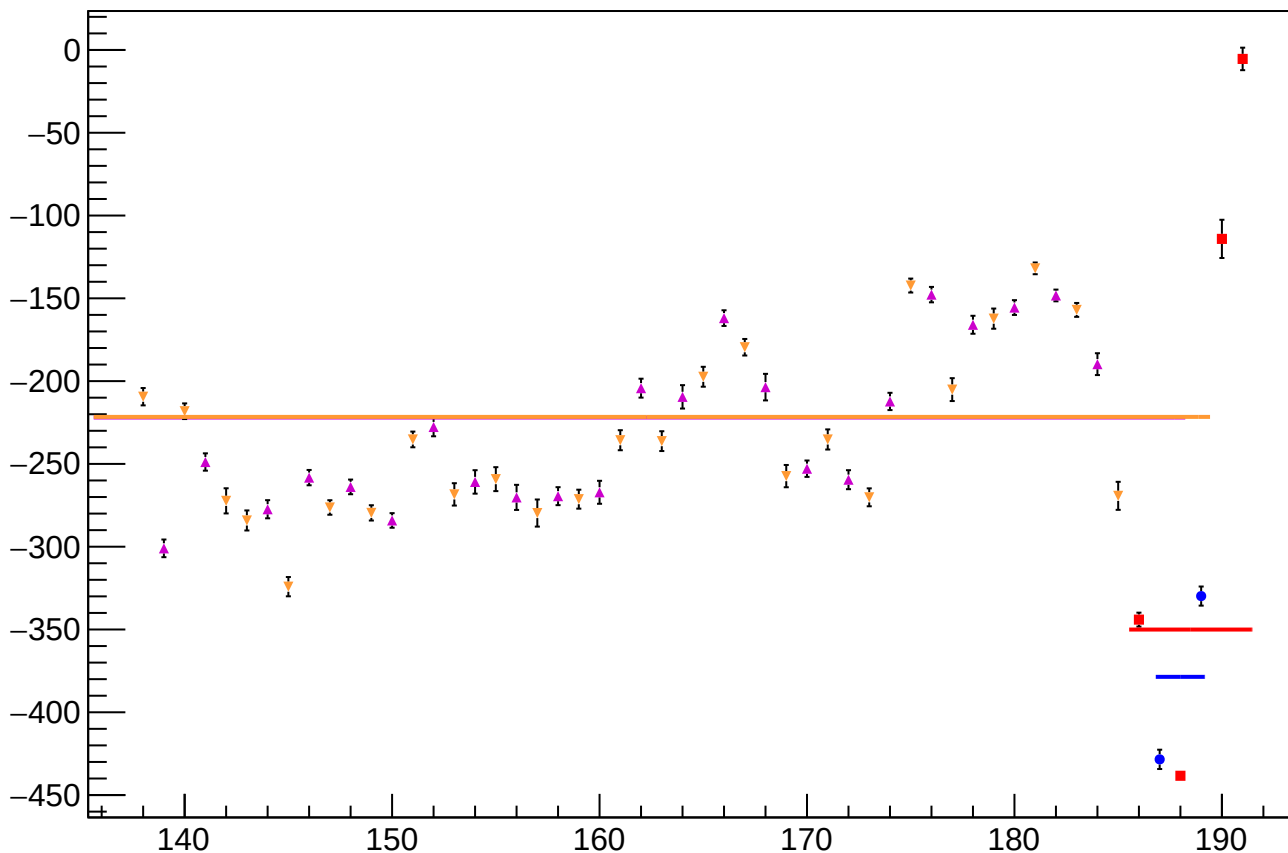
Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

+ sign 117.527 $\pm$ 0.035 χ^2 /NDF: 767051.8/43

All: 116.249 $\pm$ 0.024 χ^2 /NDF: 1664697.5/89

- sign 115.045 $\pm$ 0.034 χ^2 /NDF: 895022.5/45

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -378.599 ± 4.102 $\chi^2/\text{NDF}: 144.5/1$

Left Out: -221.606 ± 1.087 $\chi^2/\text{NDF}: 2565.8/24$

Right Out: -350.040 ± 2.270 $\chi^2/\text{NDF}: 3836.3/3$

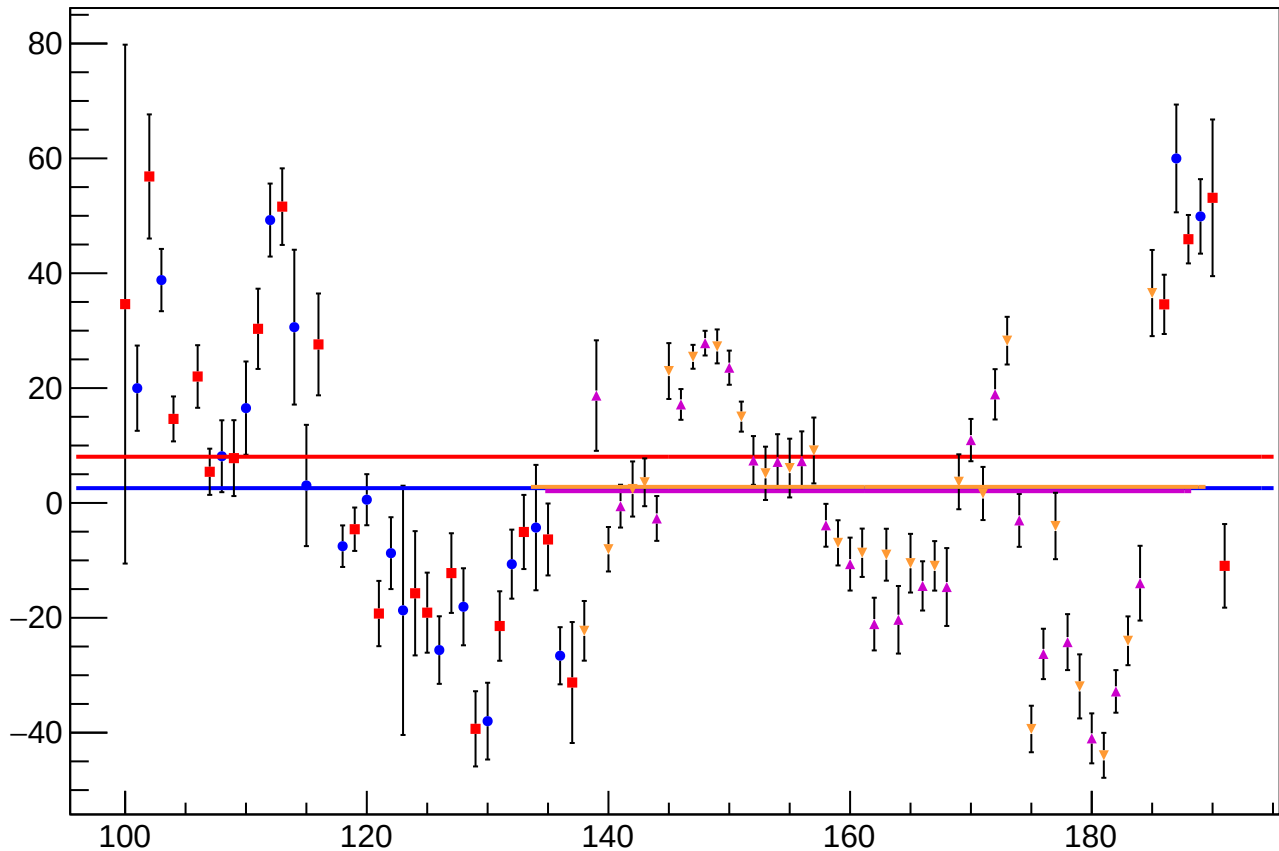
Left In: -221.980 ± 1.098 $\chi^2/\text{NDF}: 2190.6/22$

+ sign -231.913 ± 1.051 $\chi^2/\text{NDF}: 4079.1/26$

All: -239.532 ± 0.720 $\chi^2/\text{NDF}: 12784.7/53$

- sign -246.271 ± 0.988 $\chi^2/\text{NDF}: 8606.6/26$

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: 8.048 ± 1.263 χ^2/NDF : 375.3/22

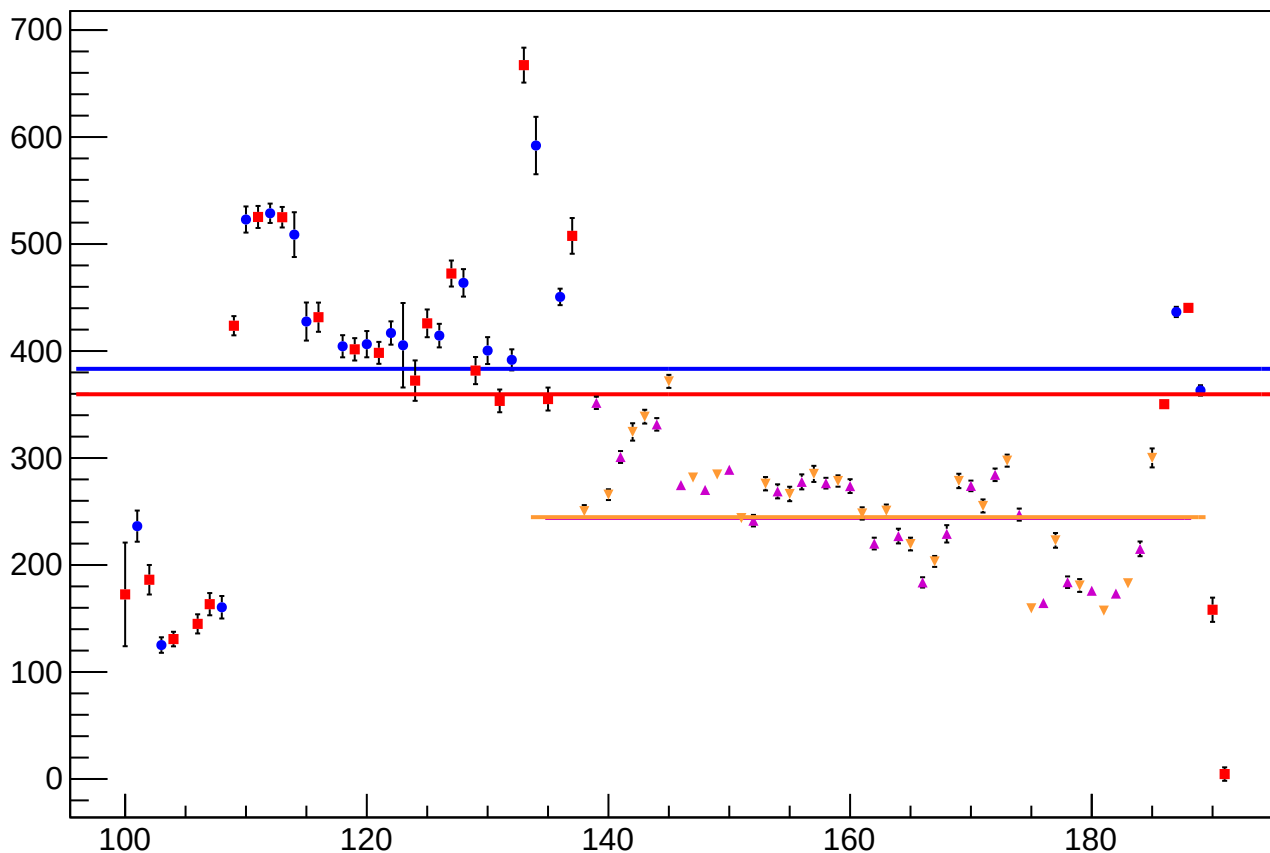
Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

+ sign 2.747 ± 0.708 χ^2/NDF : 1009.6/43

All: 3.317 ± 0.496 χ^2/NDF : 1994.5/89

- sign 3.868 ± 0.696 χ^2/NDF : 983.7/45

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: 359.576 ± 1.504 $\chi^2/\text{NDF}: 8050.2/22$

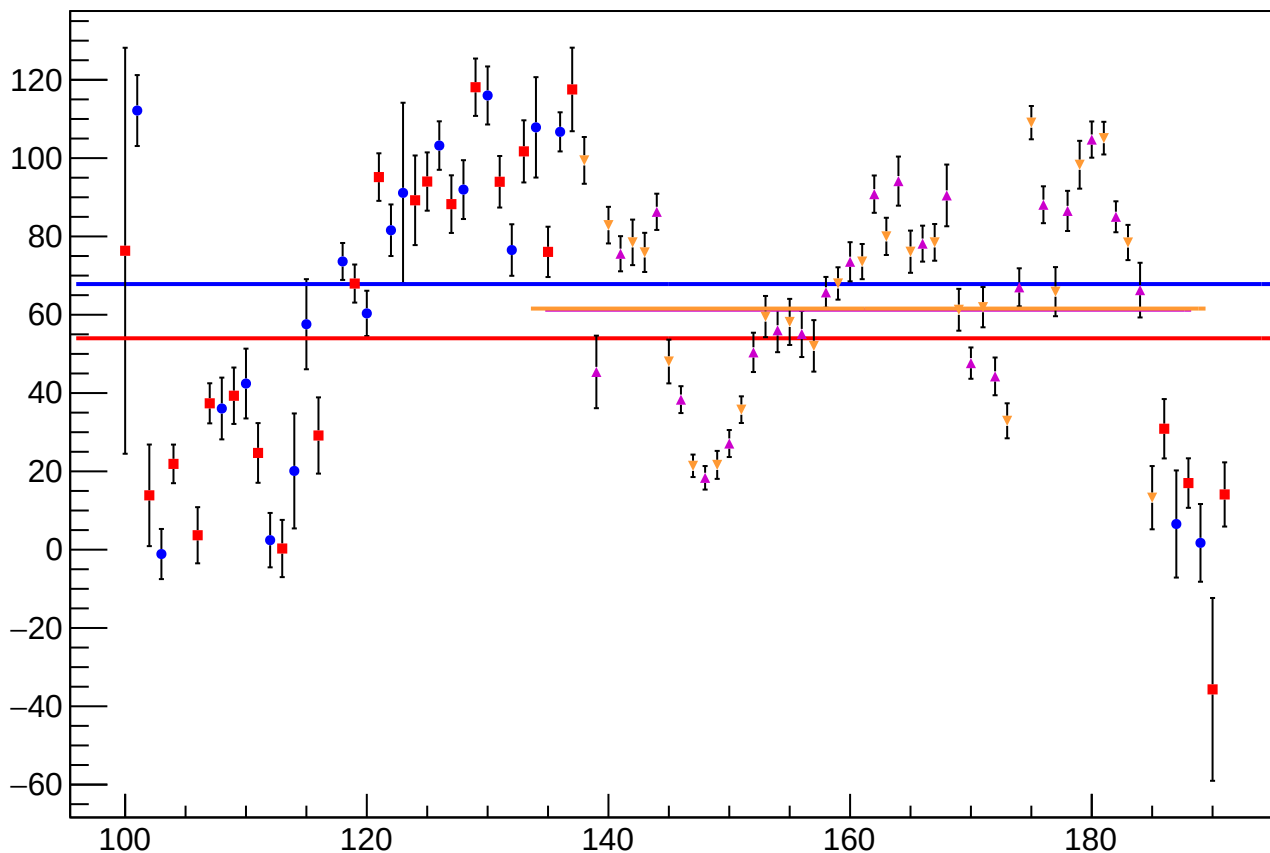
Left In: 243.933 ± 1.090 $\chi^2/\text{NDF}: 2294.8/22$

+ sign 272.968 ± 0.968 $\chi^2/\text{NDF}: 8485.5/43$

All: 278.864 ± 0.652 $\chi^2/\text{NDF}: 22775.3/89$

- sign 283.769 ± 0.883 $\chi^2/\text{NDF}: 14221.8/45$

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: 53.987 $\pm$ 1.518 χ^2 /NDF: 584.4/22

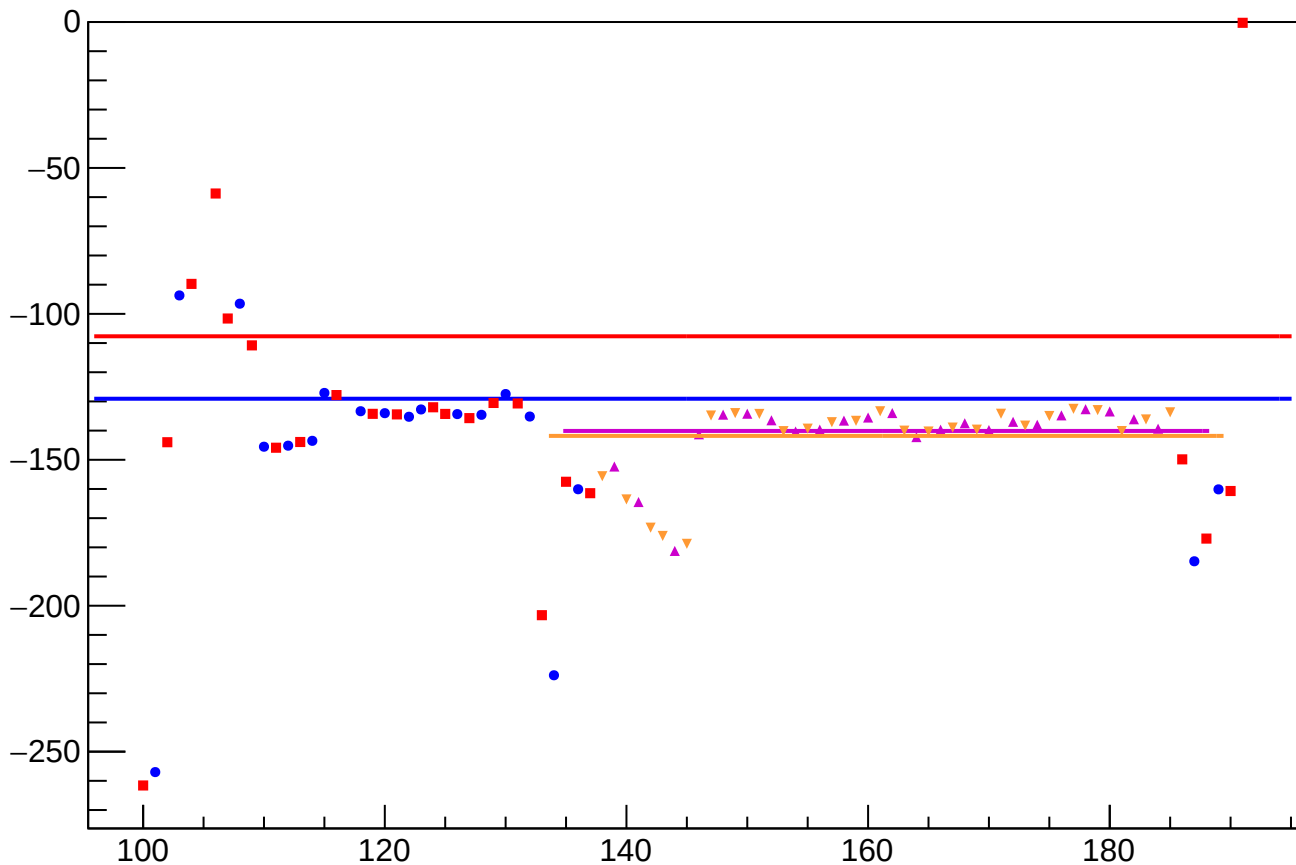
Left In: 61.286 $\pm$ 0.959 χ^2 /NDF: 702.8/22

+ sign 63.033 $\pm$ 0.822 χ^2 /NDF: 1375.1/43

All: 61.092 $\pm$ 0.577 χ^2 /NDF: 2689.7/89

- sign 59.204 $\pm$ 0.811 χ^2 /NDF: 1303.7/45

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -129.079+/-0.087 χ^2/NDF : 177504.4/18

Left Out: -141.811+/-0.045 χ^2/NDF : 77727.6/24

Right Out: -107.683+/-0.075 χ^2/NDF : 462553.4/22

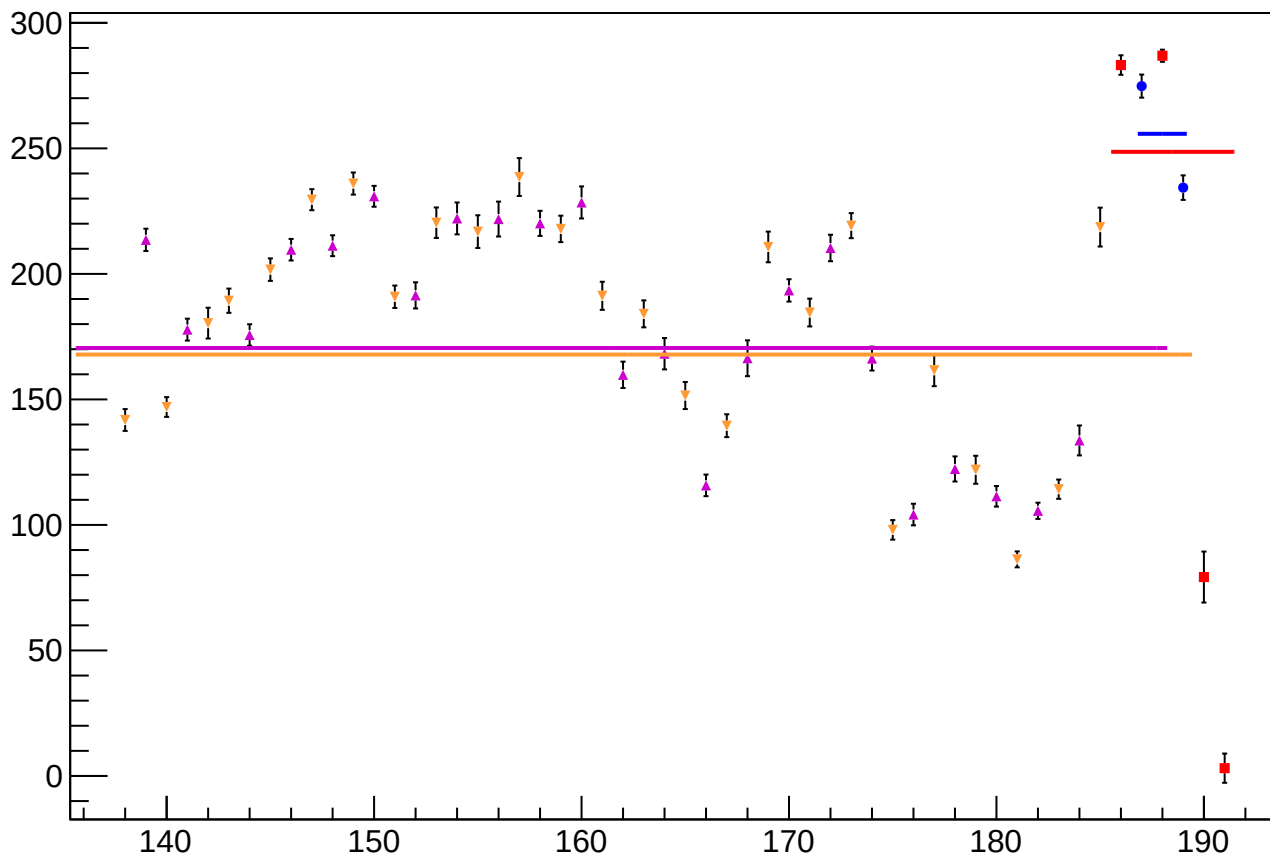
Left In: -140.112+/-0.045 χ^2/NDF : 48400.6/22

+ sign -139.149+/-0.040 χ^2/NDF : 272110.5/43

All: -135.192+/-0.028 χ^2/NDF : 940871.5/89

- sign -131.512+/-0.038 χ^2/NDF : 649727.7/45

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 255.805 $\pm$ 3.351 χ^2 /NDF: 36.3/1

Left Out: 167.868 $\pm$ 0.973 χ^2 /NDF: 2465.4/24

Right Out: 248.627 $\pm$ 1.898 χ^2 /NDF: 2386.2/3

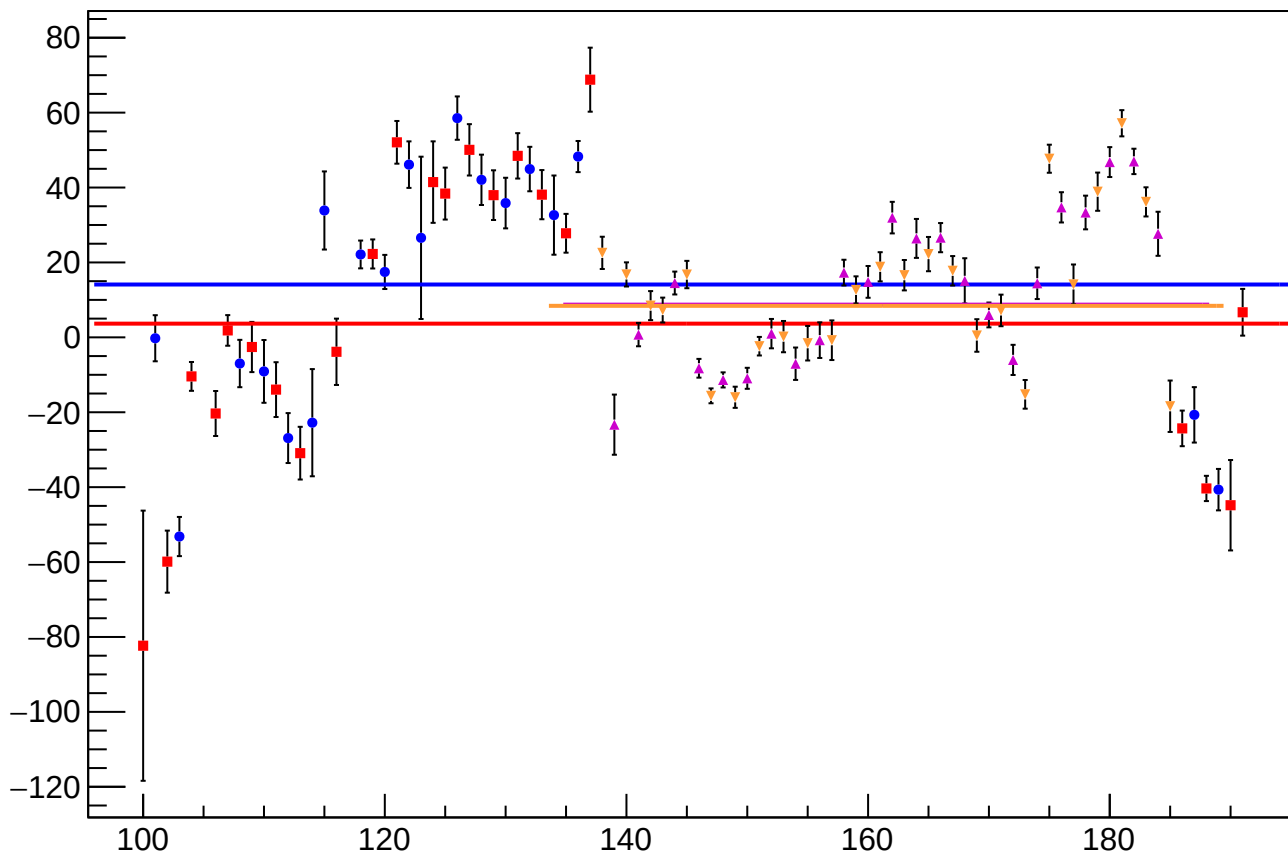
Left In: 170.487 $\pm$ 0.991 χ^2 /NDF: 2036.5/22

+ sign 174.712 $\pm$ 0.935 χ^2 /NDF: 3136.8/26

All: 181.357 $\pm$ 0.640 χ^2 /NDF: 8986.1/53

- sign 187.227 $\pm$ 0.879 χ^2 /NDF: 5754.1/26

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 14.108 $\pm$ 1.404 χ^2/NDF : 574.0/18

Left Out: 8.415 $\pm$ 0.731 χ^2/NDF : 750.6/24

Right Out: 3.659 $\pm$ 1.212 χ^2/NDF : 713.7/22

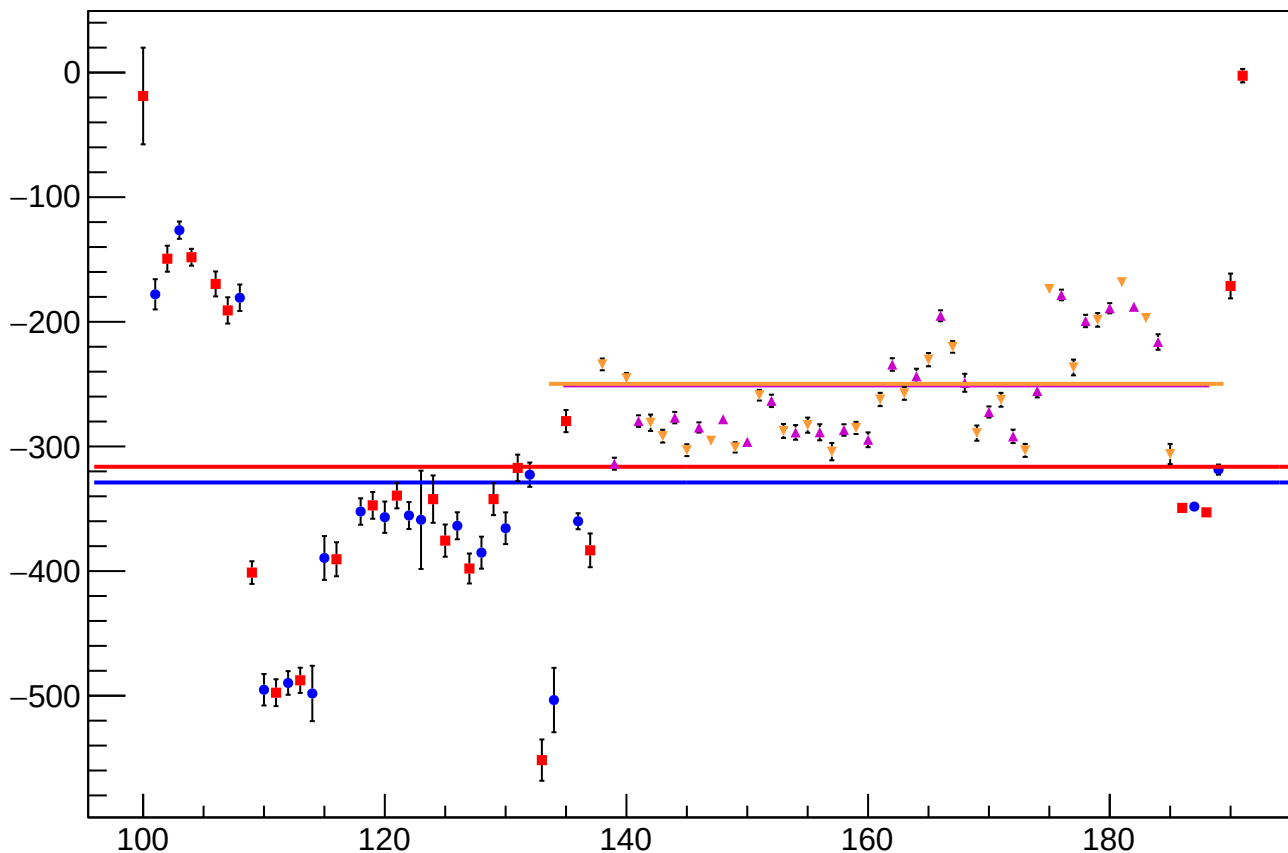
Left In: 8.730 $\pm$ 0.757 χ^2/NDF : 630.1/22

+ sign 9.630 $\pm$ 0.648 χ^2/NDF : 1337.5/43

All: 8.457 $\pm$ 0.456 χ^2/NDF : 2700.5/89

- sign 7.307 $\pm$ 0.642 χ^2/NDF : 1356.4/45

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: -316.304 ± 1.321 χ^2/NDF : 6373.9/22

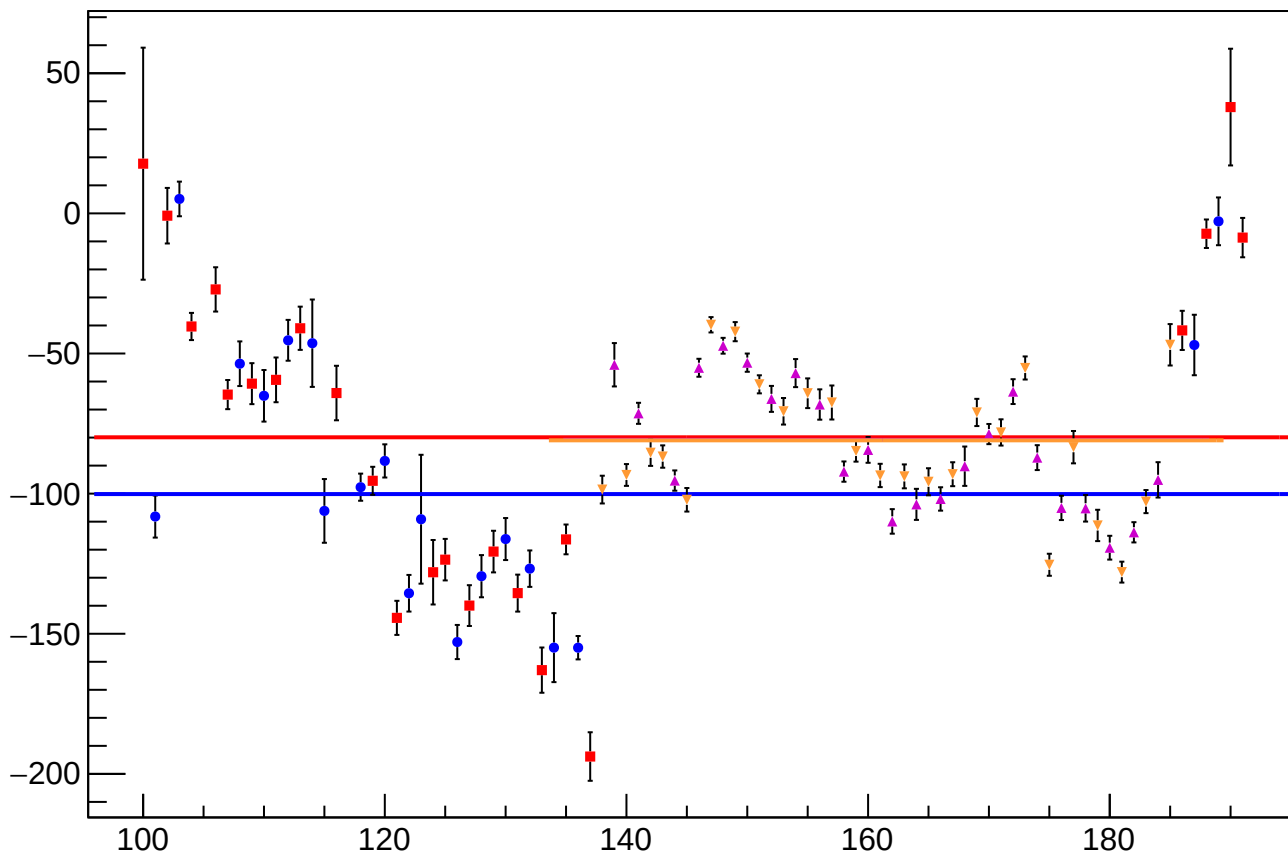
Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

+ sign -265.982 ± 0.869 χ^2/NDF : 5469.8/43

All: -270.582 ± 0.585 χ^2/NDF : 15421.5/89

- sign -274.385 ± 0.791 χ^2/NDF : 9900.5/45

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -100.156 ± 1.642 $\chi^2/\text{NDF}: 901.5/18$

Left Out: -80.981 ± 0.846 $\chi^2/\text{NDF}: 911.2/24$

Right Out: -79.901 ± 1.464 $\chi^2/\text{NDF}: 1268.3/22$

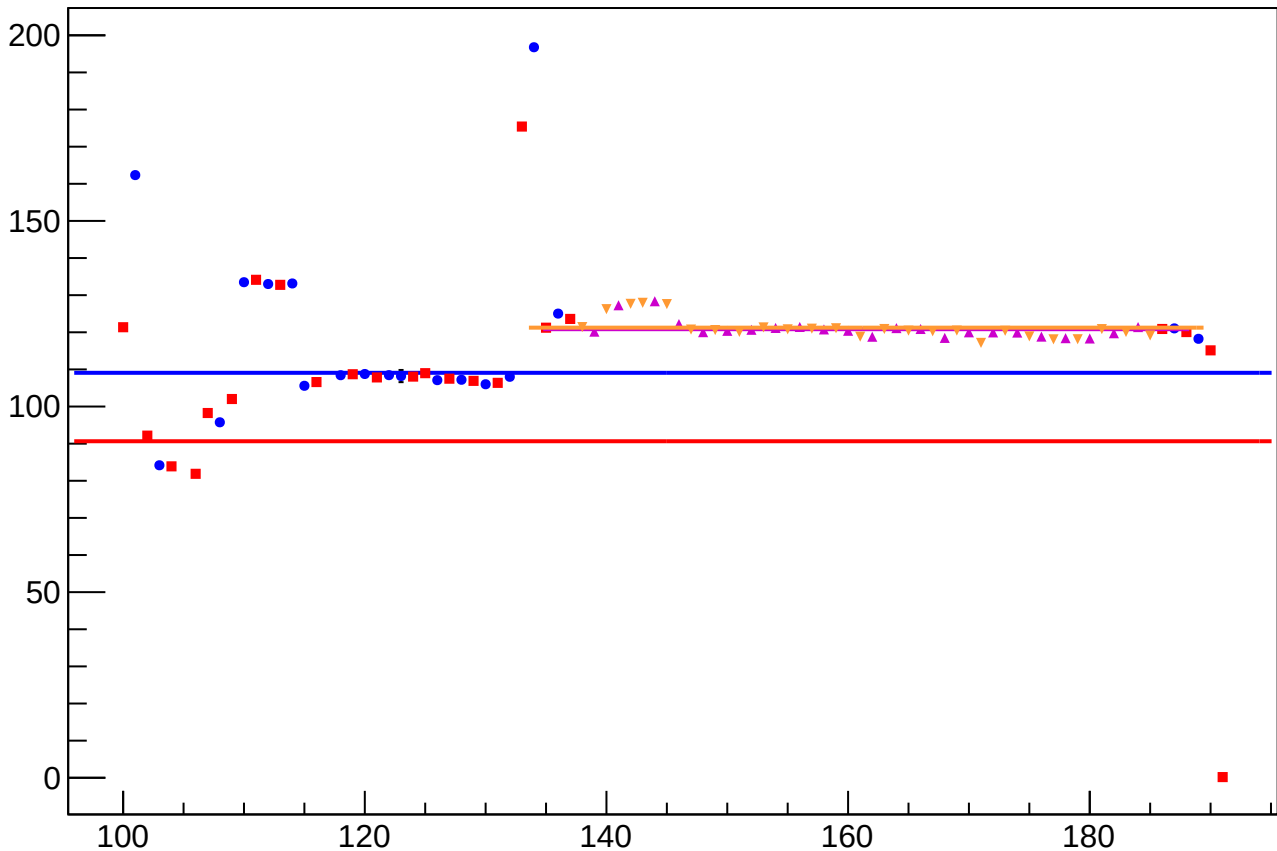
Left In: -80.803 ± 0.870 $\chi^2/\text{NDF}: 695.4/22$

+ sign -85.006 ± 0.752 $\chi^2/\text{NDF}: 1920.5/43$

All: -82.774 ± 0.530 $\chi^2/\text{NDF}: 3902.0/89$

- sign -80.568 ± 0.748 $\chi^2/\text{NDF}: 1964.0/45$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 109.085 $\pm$ 0.082 χ^2 /NDF: 74242.9/18

Left Out: 121.248 $\pm$ 0.040 χ^2 /NDF: 4820.1/24

Right Out: 90.651 $\pm$ 0.070 χ^2 /NDF: 313290.0/22

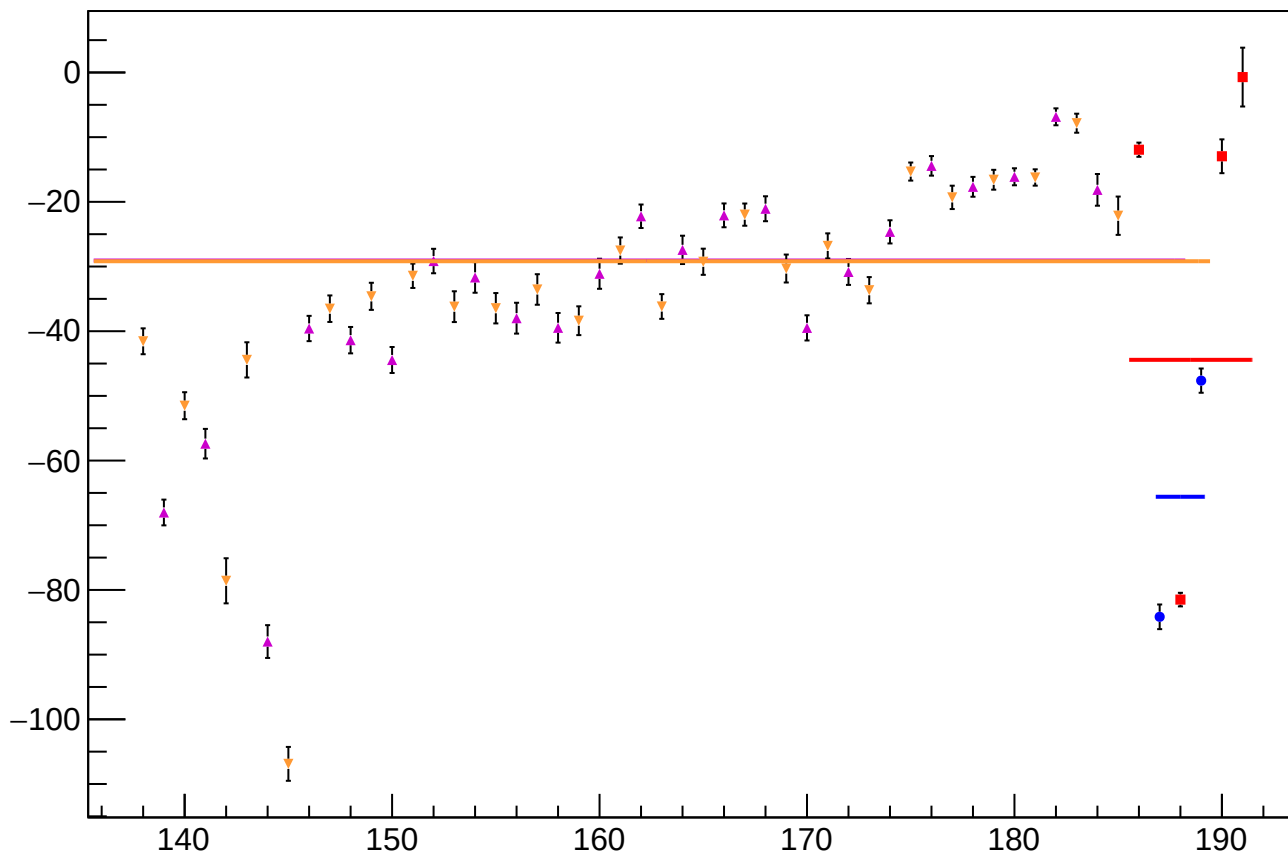
Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

+ sign 118.899 $\pm$ 0.036 χ^2 /NDF: 96730.0/43

All: 115.985 $\pm$ 0.025 χ^2 /NDF: 565610.3/89

- sign 113.243 $\pm$ 0.035 χ^2 /NDF: 456255.4/45

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: -44.426 ± 0.719 $\chi^2/\text{NDF}: 2360.6/3$

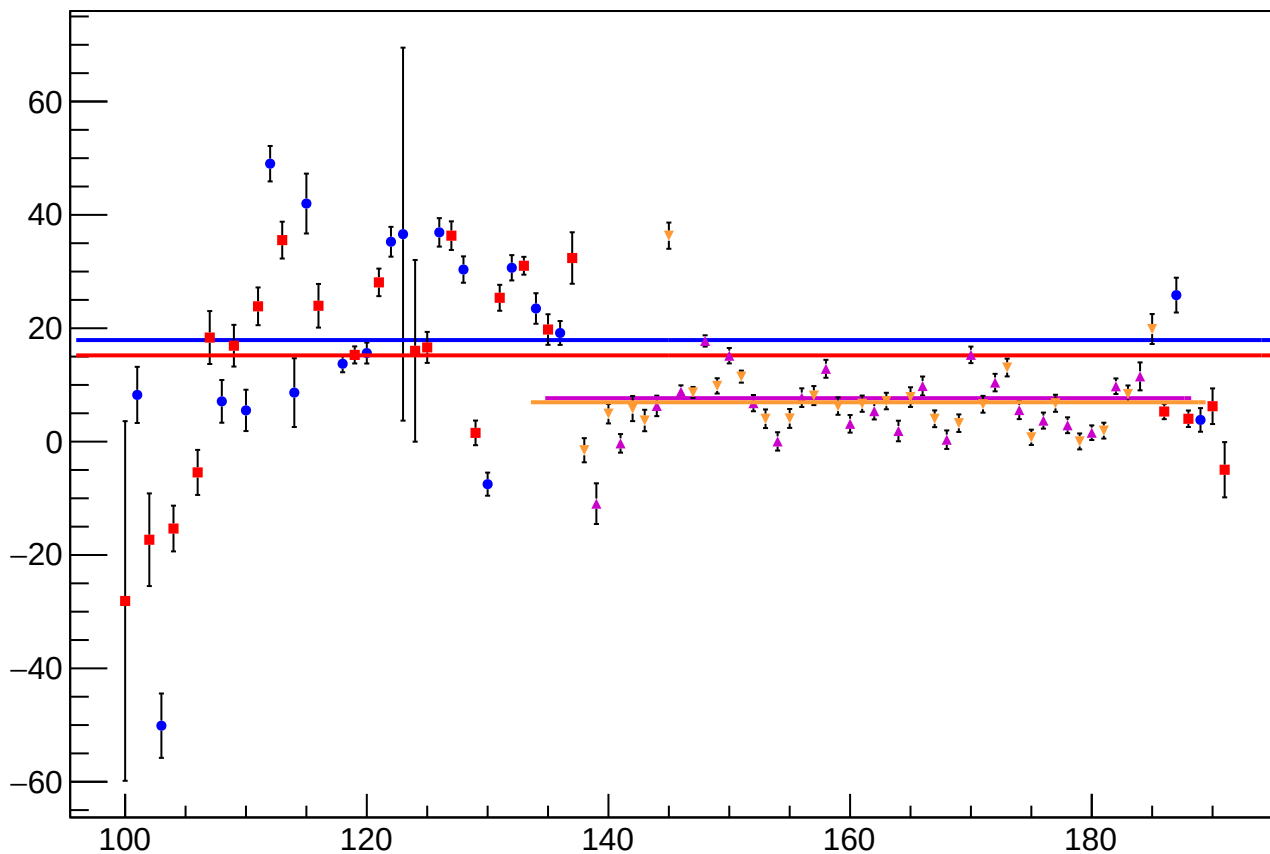
Left In: -29.073 ± 0.394 $\chi^2/\text{NDF}: 1872.4/22$

+ sign -32.029 ± 0.374 $\chi^2/\text{NDF}: 2751.4/26$

All: -32.344 ± 0.254 $\chi^2/\text{NDF}: 7336.2/53$

- sign -32.613 ± 0.345 $\chi^2/\text{NDF}: 4583.5/26$

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: 15.213 ± 0.529 χ^2/NDF : 568.3/22

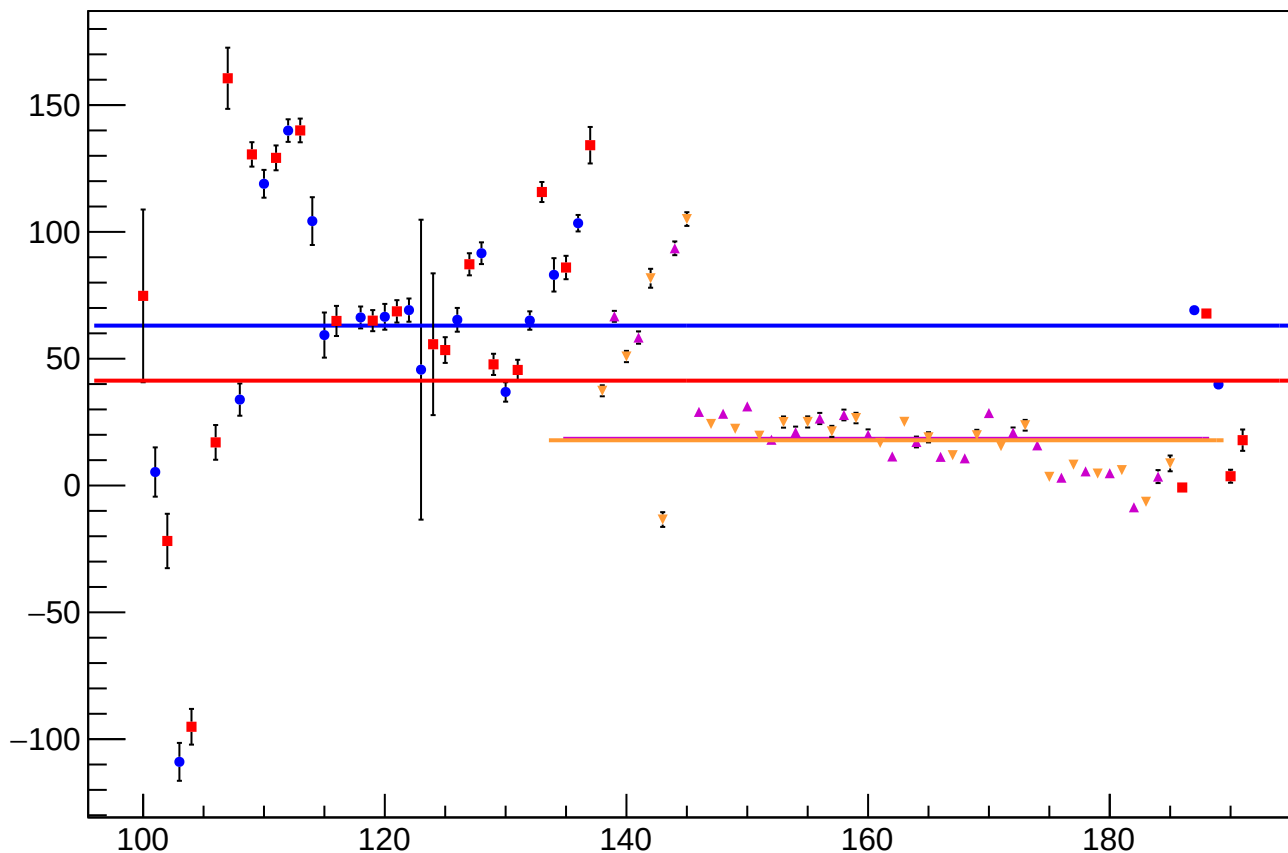
Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

+ sign 9.162 ± 0.271 χ^2/NDF : 1260.3/43

All: 9.394 ± 0.191 χ^2/NDF : 2322.1/89

- sign 9.623 ± 0.269 χ^2/NDF : 1060.4/45

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: 41.350 $\pm$ 0.529 χ^2 /NDF: 5984.1/22

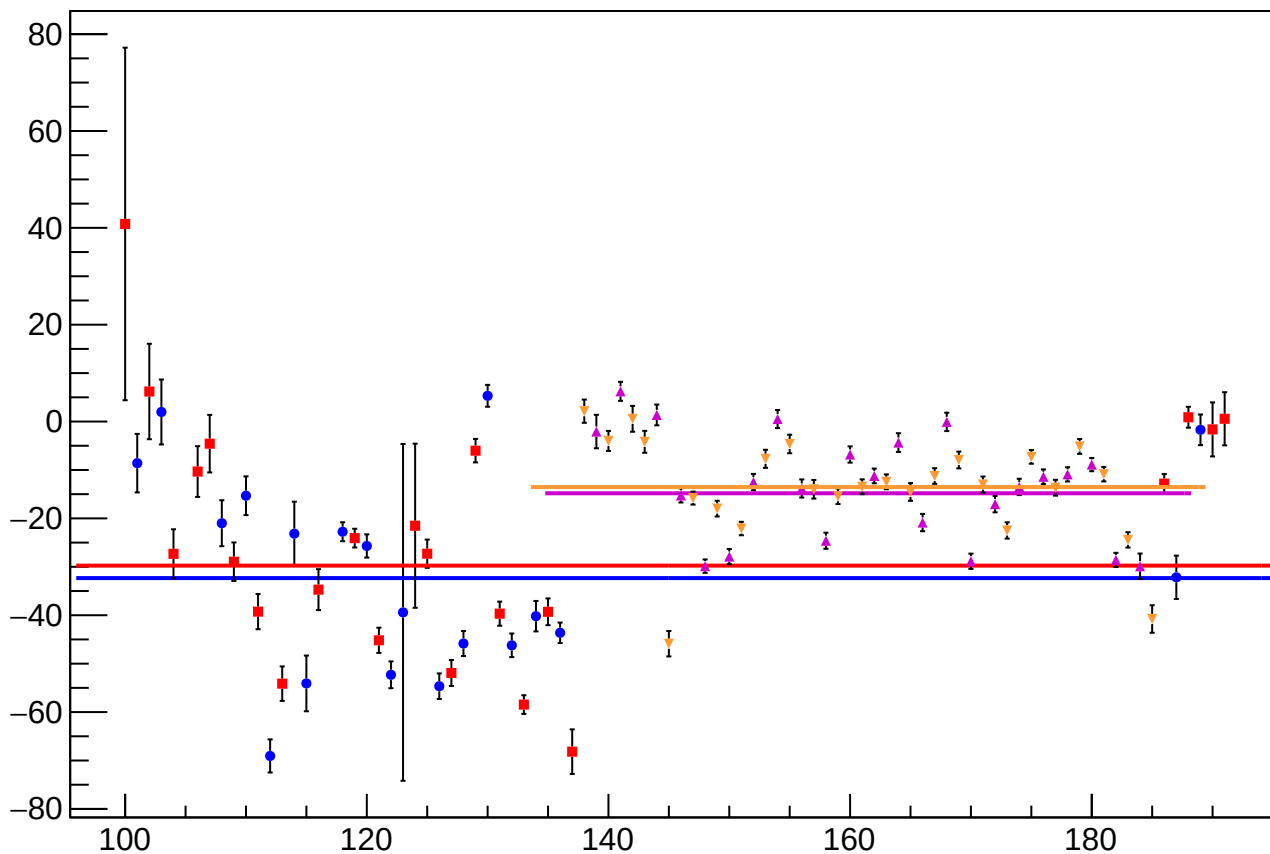
Left In: 18.416 $\pm$ 0.391 χ^2 /NDF: 2468.4/22

+ sign 26.002 $\pm$ 0.351 χ^2 /NDF: 6346.1/43

All: 26.294 $\pm$ 0.234 χ^2 /NDF: 16015.3/89

- sign 26.528 $\pm$ 0.315 χ^2 /NDF: 9667.9/45

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: -29.755 ± 0.648 χ^2/NDF : 963.4/22

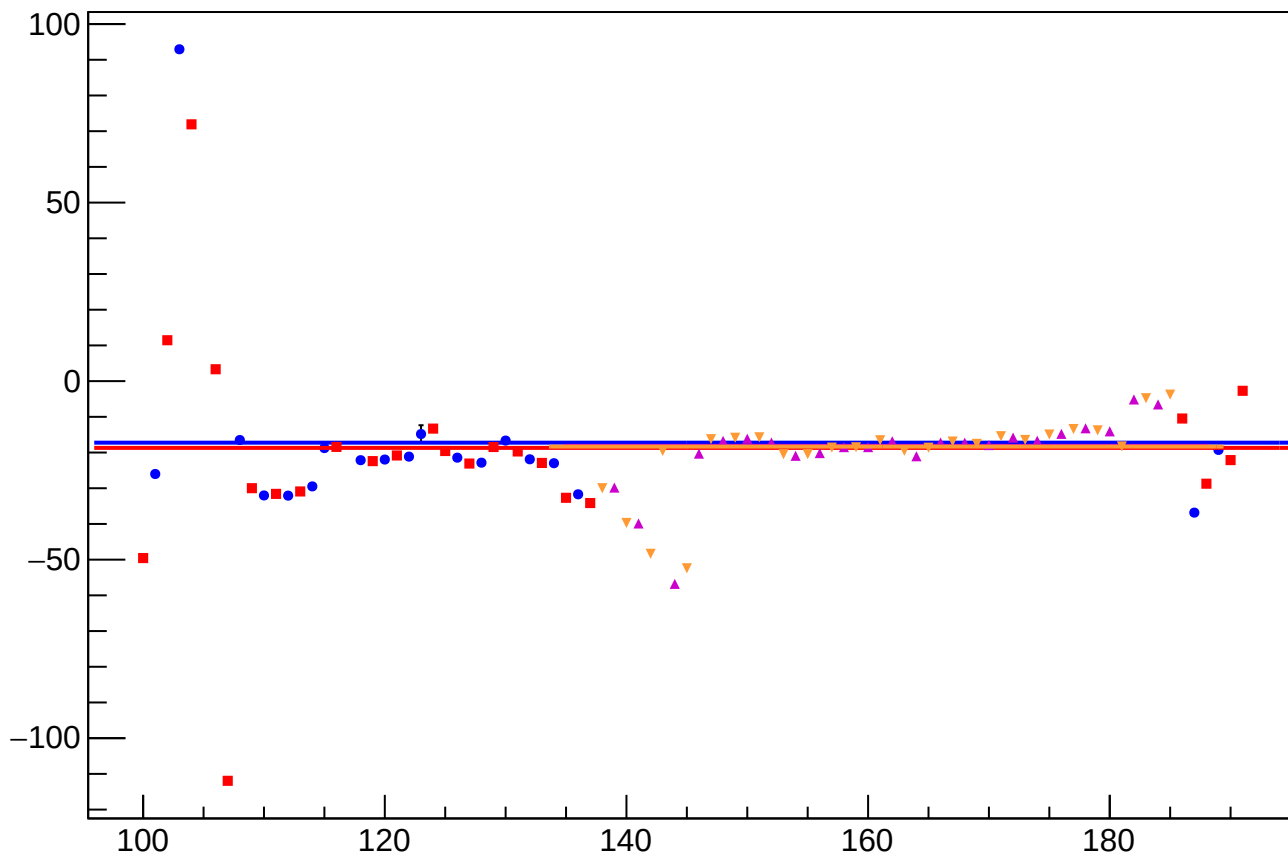
Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

+ sign -17.135 ± 0.310 χ^2/NDF : 1962.6/43

All: -17.683 ± 0.219 χ^2/NDF : 4180.0/89

- sign -18.232 ± 0.310 χ^2/NDF : 2211.1/45

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -17.237 ± 0.042 $\chi^2/\text{NDF}: 480959.8/18$

Left Out: -18.337 ± 0.016 $\chi^2/\text{NDF}: 283793.3/24$

Right Out: -18.695 ± 0.038 $\chi^2/\text{NDF}: 458222.9/22$

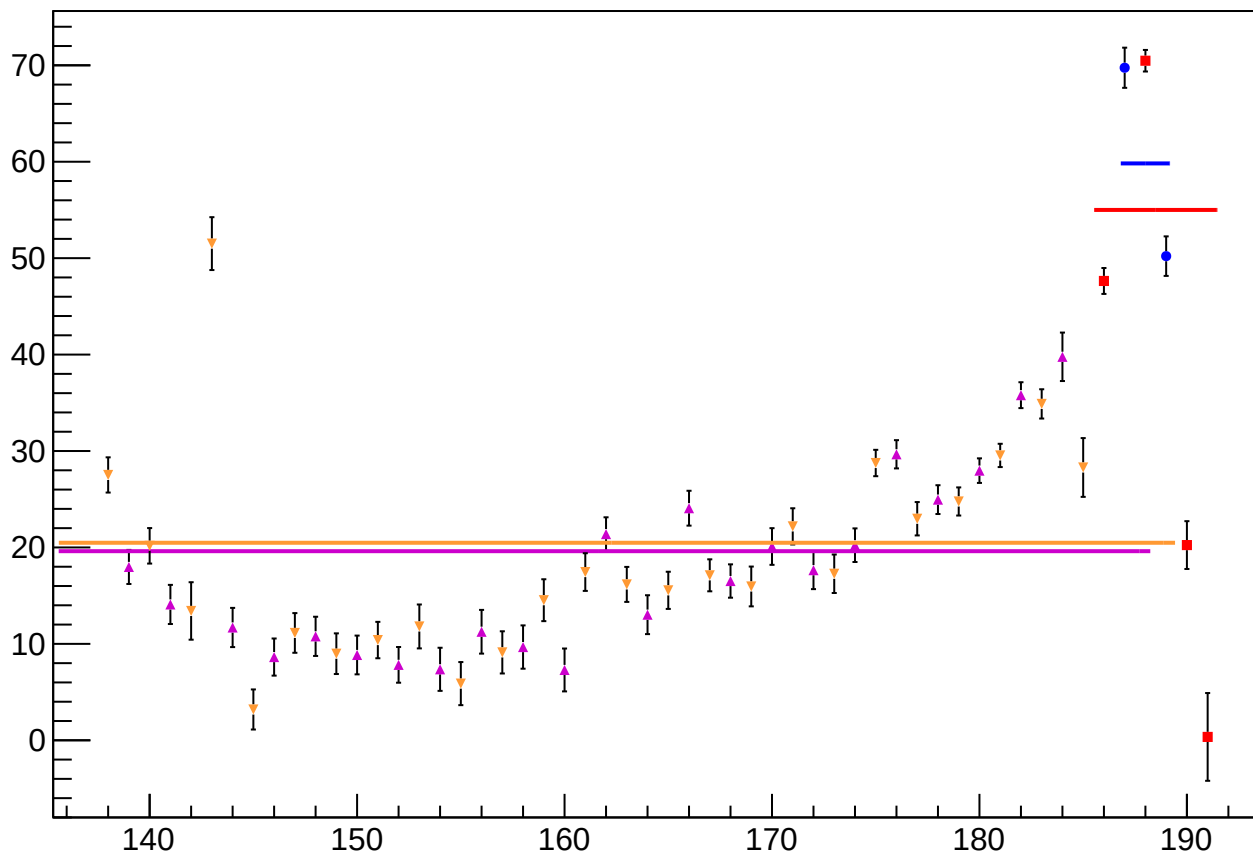
Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

+ sign -18.198 ± 0.015 $\chi^2/\text{NDF}: 765364.7/43$

All: -18.209 ± 0.010 $\chi^2/\text{NDF}: 1469425.9/89$

- sign -18.220 ± 0.015 $\chi^2/\text{NDF}: 704060.0/45$

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: 55.002 $\pm$ 0.799 χ^2 /NDF: 562.2/3

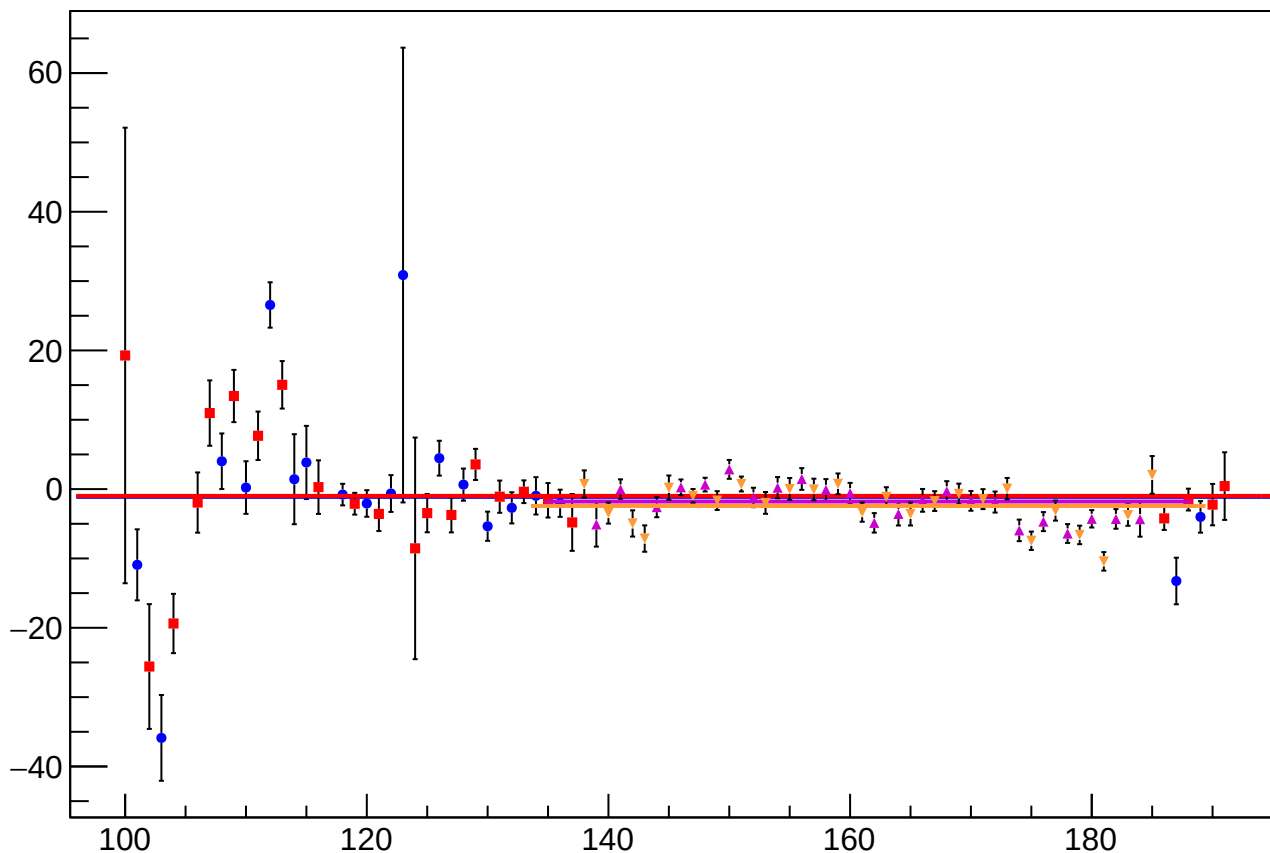
Left In: 19.612 $\pm$ 0.379 χ^2 /NDF: 572.7/22

+ sign 22.900 $\pm$ 0.362 χ^2 /NDF: 1341.0/26

All: 24.588 $\pm$ 0.249 χ^2 /NDF: 4117.6/53

- sign 26.096 $\pm$ 0.342 χ^2 /NDF: 2735.4/26

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: -0.978 ± 0.556 χ^2/NDF : 88.8/22

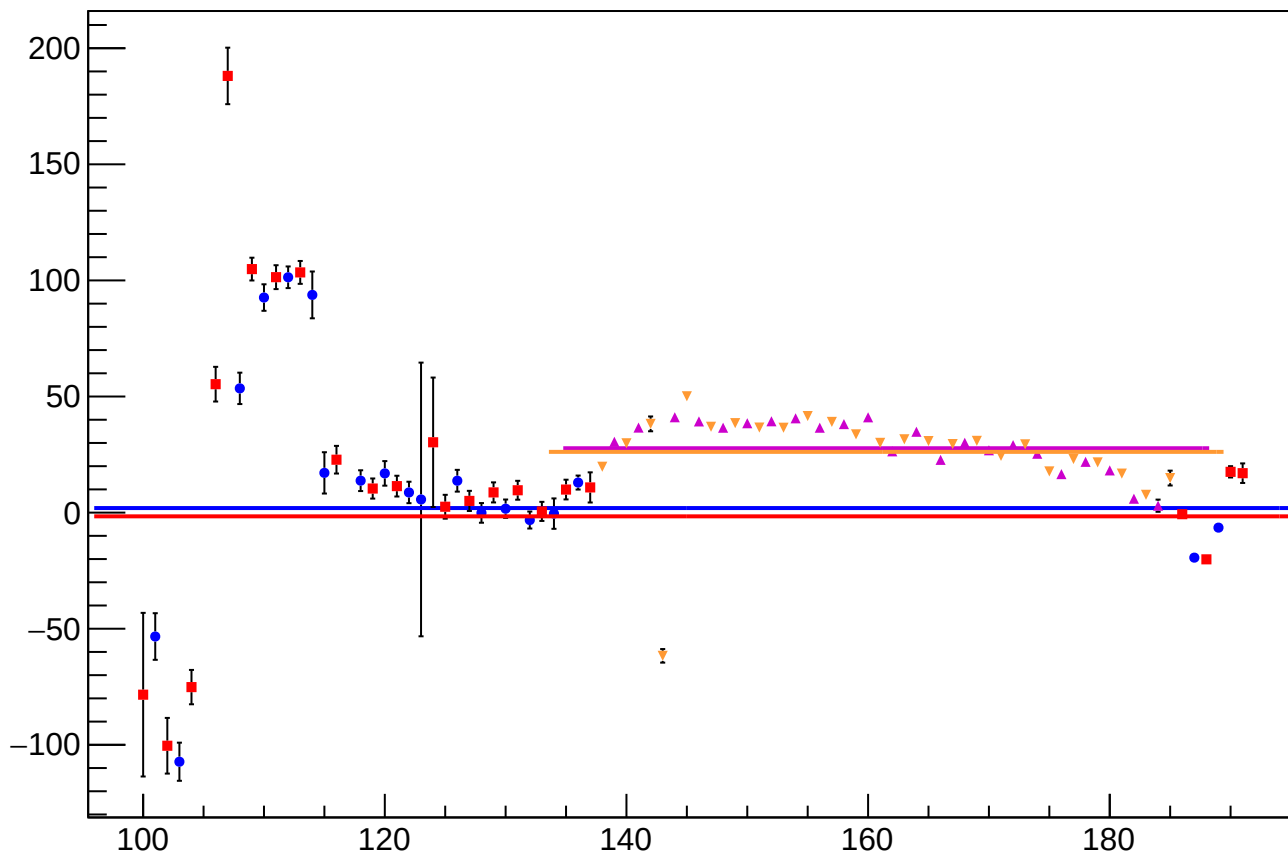
Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

+ sign -2.187 ± 0.265 χ^2/NDF : 243.2/43

All: -1.897 ± 0.187 χ^2/NDF : 406.2/89

- sign -1.607 ± 0.265 χ^2/NDF : 160.5/45

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: -1.604 ± 0.581 χ^2/NDF : 2365.6/22

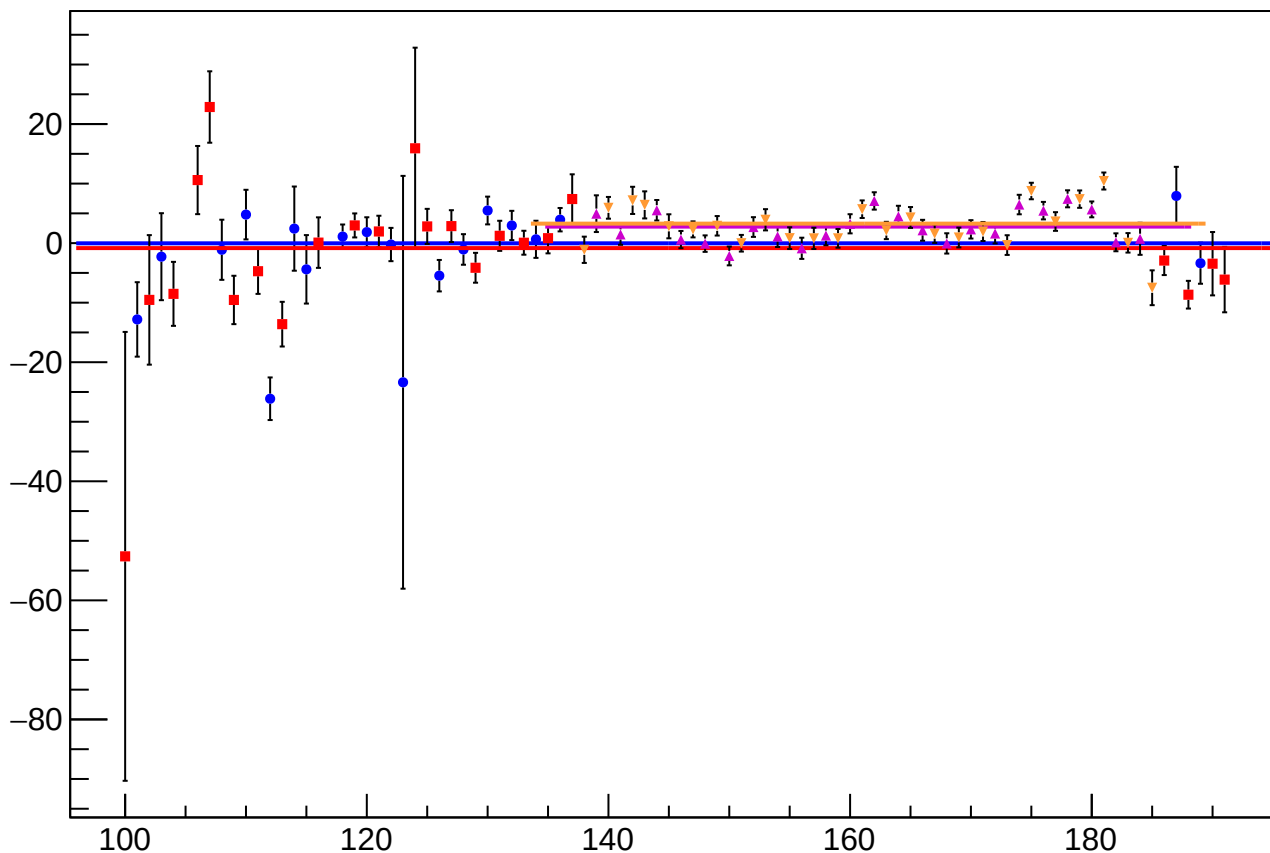
Left In: 27.725 ± 0.377 χ^2/NDF : 805.1/22

+ sign 22.422 ± 0.343 χ^2/NDF : 3504.7/43

All: 20.593 ± 0.232 χ^2/NDF : 8523.8/89

- sign 19.038 ± 0.316 χ^2/NDF : 4966.5/45

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: -0.834 ± 0.674 χ^2/NDF : 70.7/22

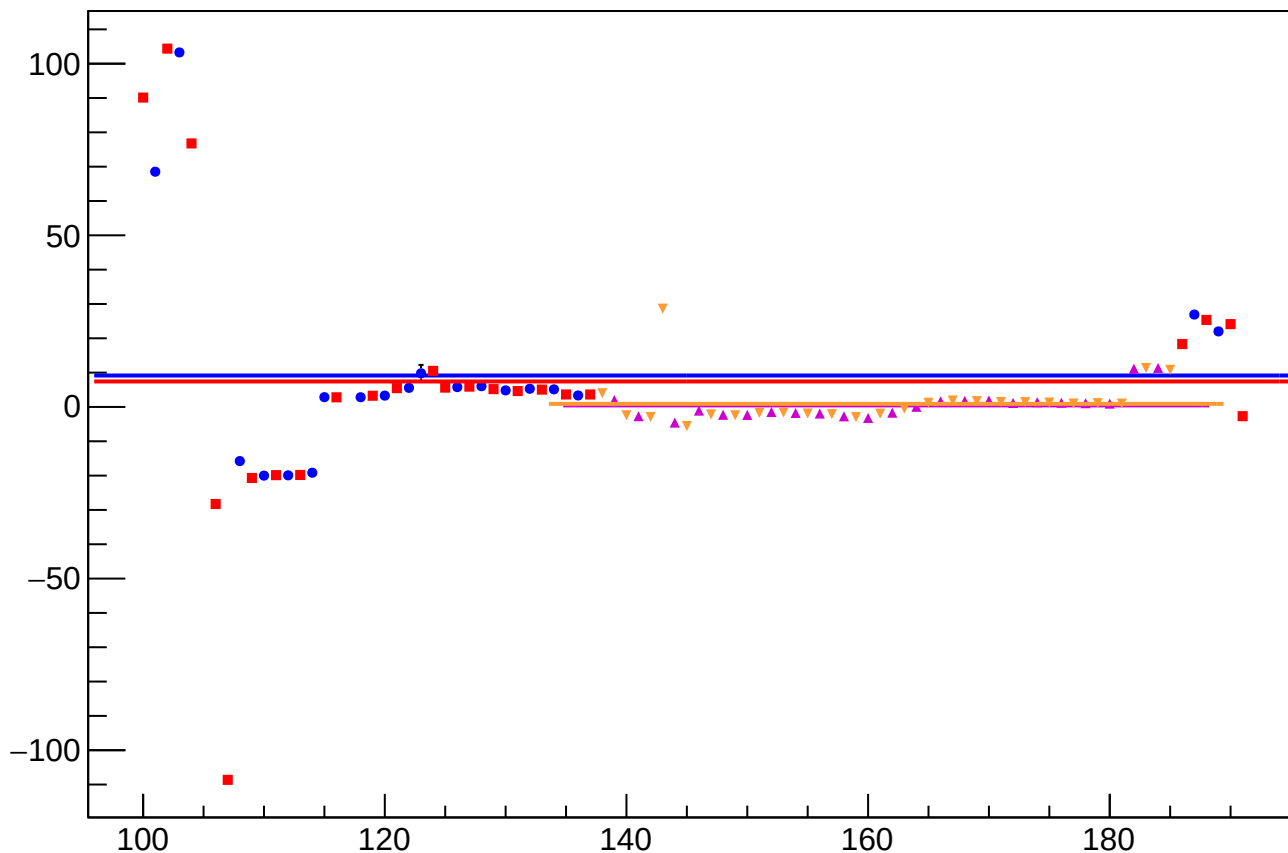
Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

+ sign 2.694 ± 0.301 χ^2/NDF : 199.3/43

All: 2.371 ± 0.214 χ^2/NDF : 361.8/89

- sign 2.043 ± 0.304 χ^2/NDF : 160.1/45

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: 7.426 ± 0.039 $\chi^2/\text{NDF}: 561213.5/22$

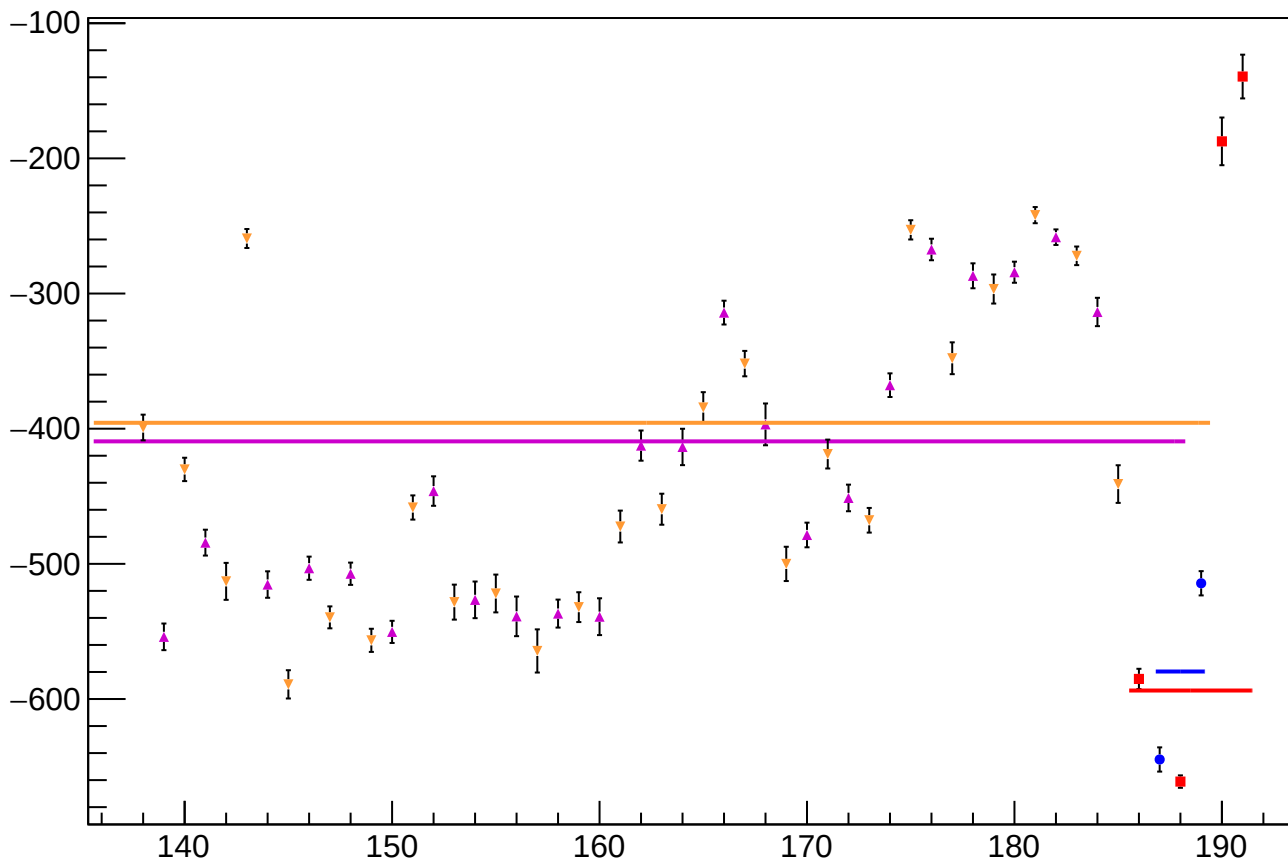
Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

+ sign 1.859 ± 0.014 $\chi^2/\text{NDF}: 512312.5/43$

All: 1.631 ± 0.010 $\chi^2/\text{NDF}: 1152823.0/89$

- sign 1.403 ± 0.014 $\chi^2/\text{NDF}: 639999.8/45$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -579.652 ± 6.344 χ^2/NDF : 105.6/1

Left Out: -395.638 ± 1.909 χ^2/NDF : 3704.0/24

Right Out: -593.714 ± 3.721 χ^2/NDF : 1534.9/3

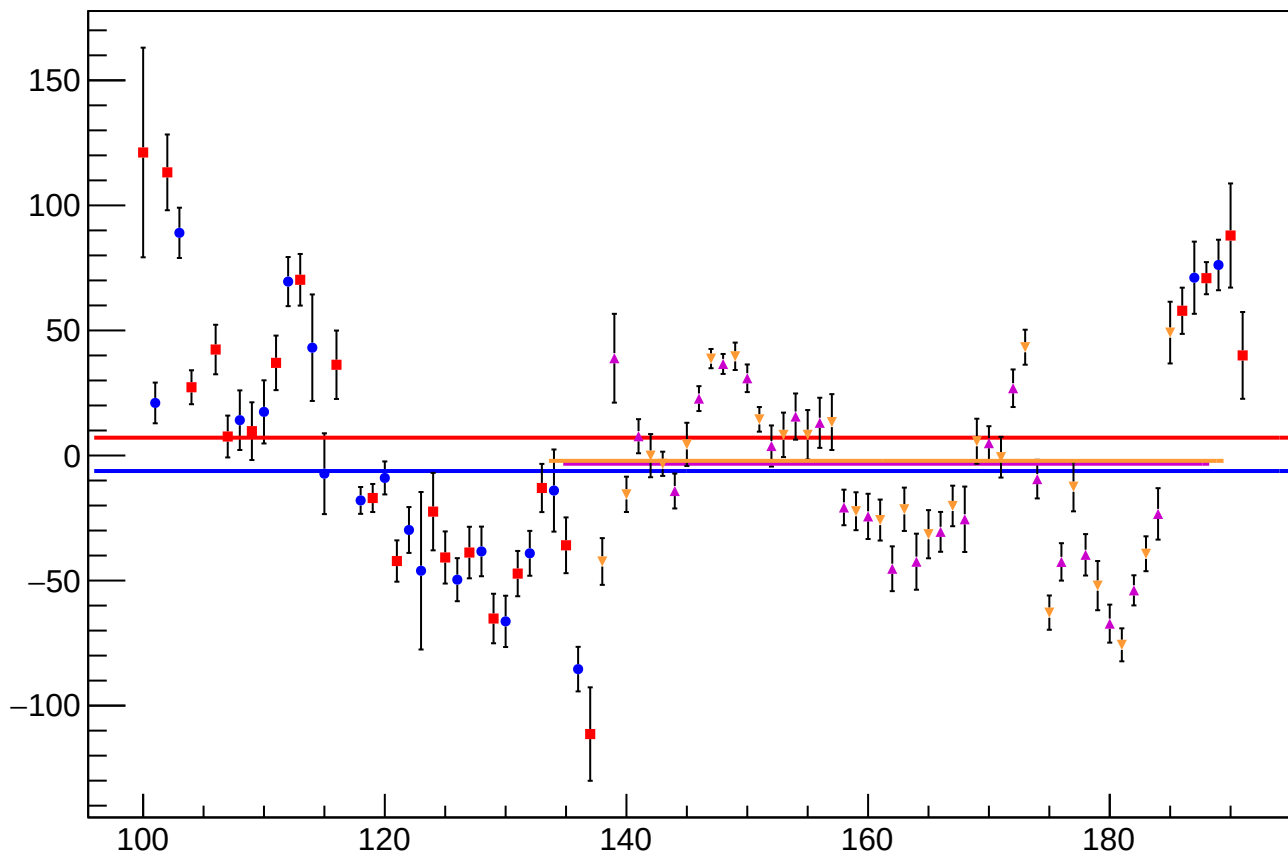
Left In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

+ sign -410.919 ± 1.828 χ^2/NDF : 4581.2/26

All: -431.280 ± 1.261 χ^2/NDF : 11364.8/53

- sign -449.770 ± 1.742 χ^2/NDF : 6546.9/26

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -6.203 ± 2.226 $\chi^2/\text{NDF}: 443.7/18$

Left Out: -2.133 ± 1.435 $\chi^2/\text{NDF}: 562.8/24$

Right Out: 7.129 ± 2.056 $\chi^2/\text{NDF}: 522.5/22$

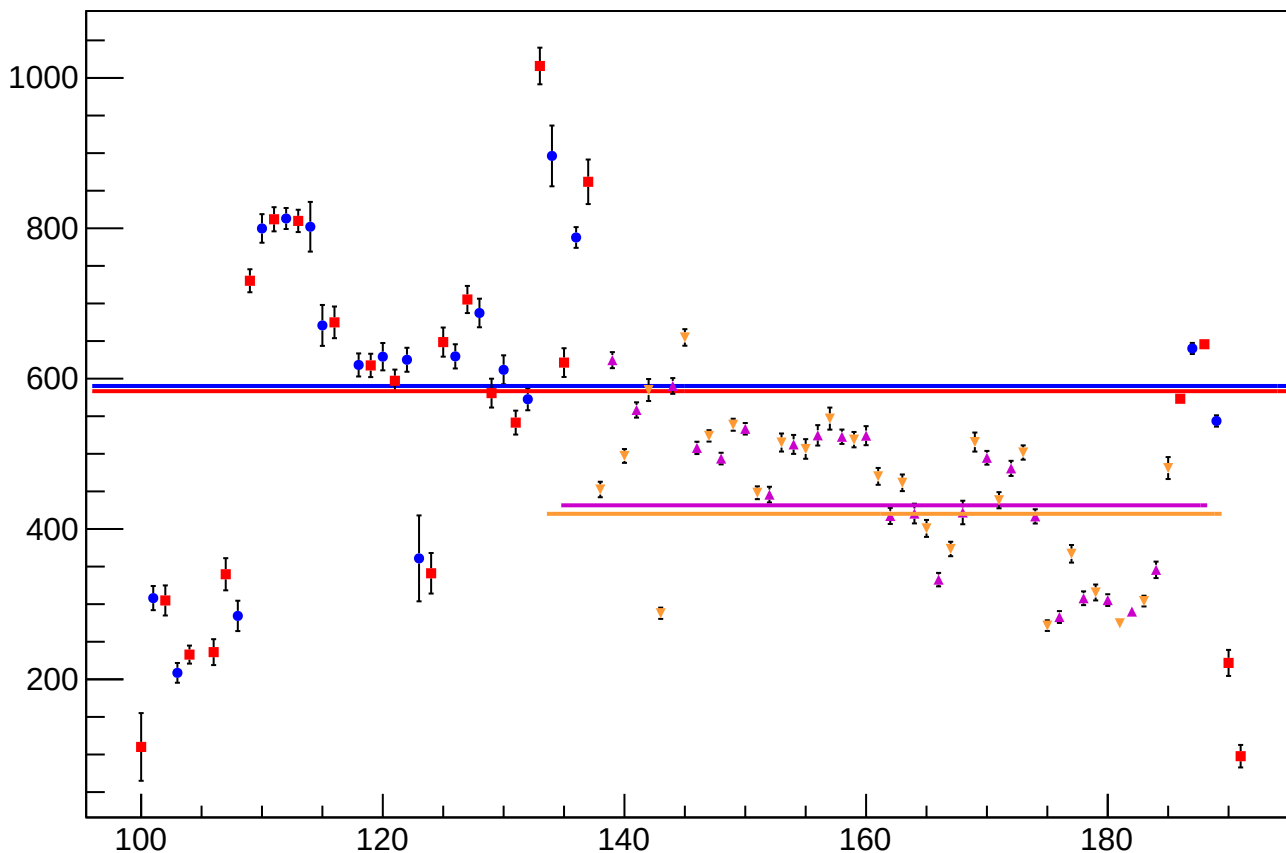
Left In: -3.290 ± 1.517 $\chi^2/\text{NDF}: 454.5/22$

+ sign -3.328 ± 1.206 $\chi^2/\text{NDF}: 1008.9/43$

All: -1.495 ± 0.858 $\chi^2/\text{NDF}: 2007.2/89$

- sign 0.383 ± 1.220 $\chi^2/\text{NDF}: 993.6/45$

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: 583.333 ± 2.443 χ^2/NDF : 4575.5/22

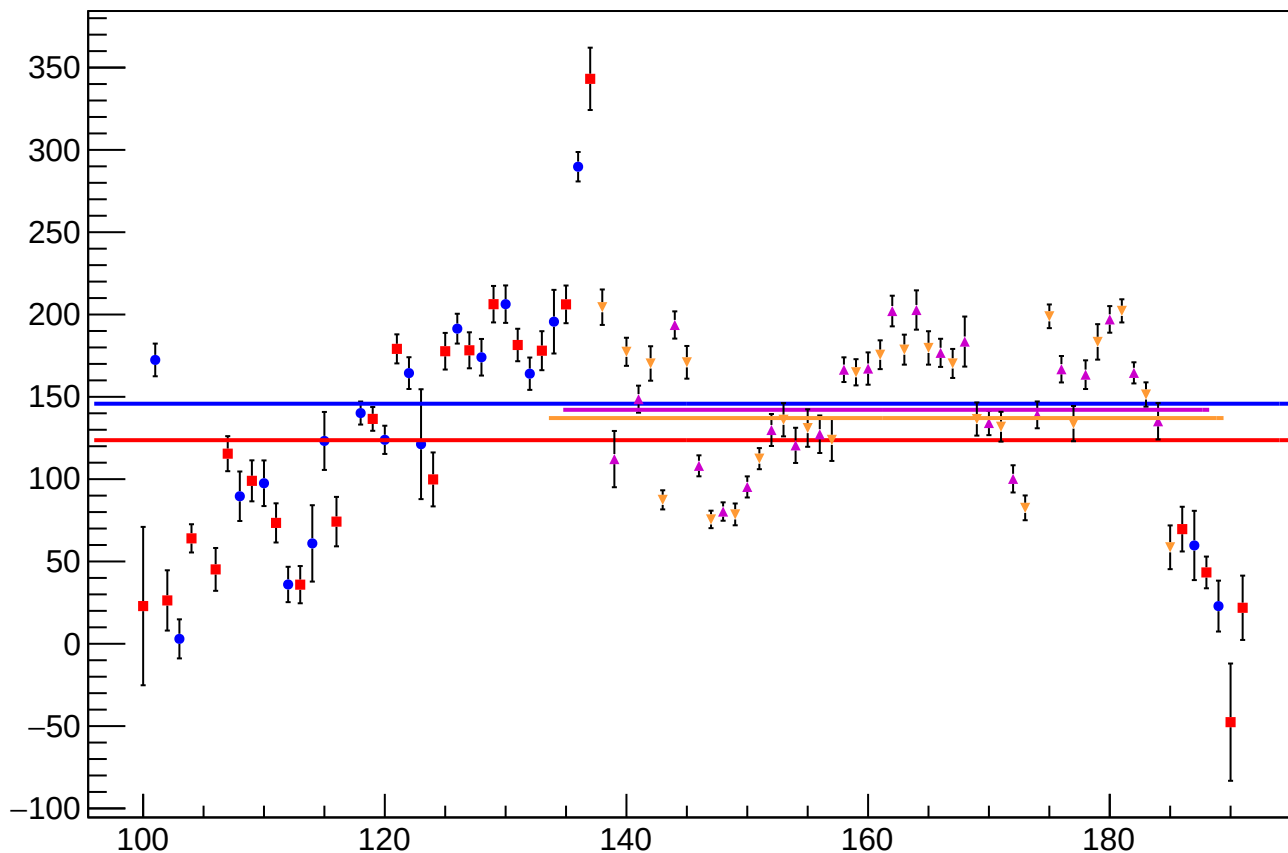
Left In: 431.487 ± 1.964 χ^2/NDF : 2897.1/22

+ sign 462.291 ± 1.662 χ^2/NDF : 7407.2/43

All: 477.875 ± 1.126 χ^2/NDF : 17389.2/89

- sign 491.100 ± 1.531 χ^2/NDF : 9819.4/45

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 145.822 ± 2.614 $\chi^2/\text{NDF}: 718.4/18$

Left Out: 137.107 ± 1.663 $\chi^2/\text{NDF}: 738.9/24$

Right Out: 123.673 ± 2.459 $\chi^2/\text{NDF}: 737.2/22$

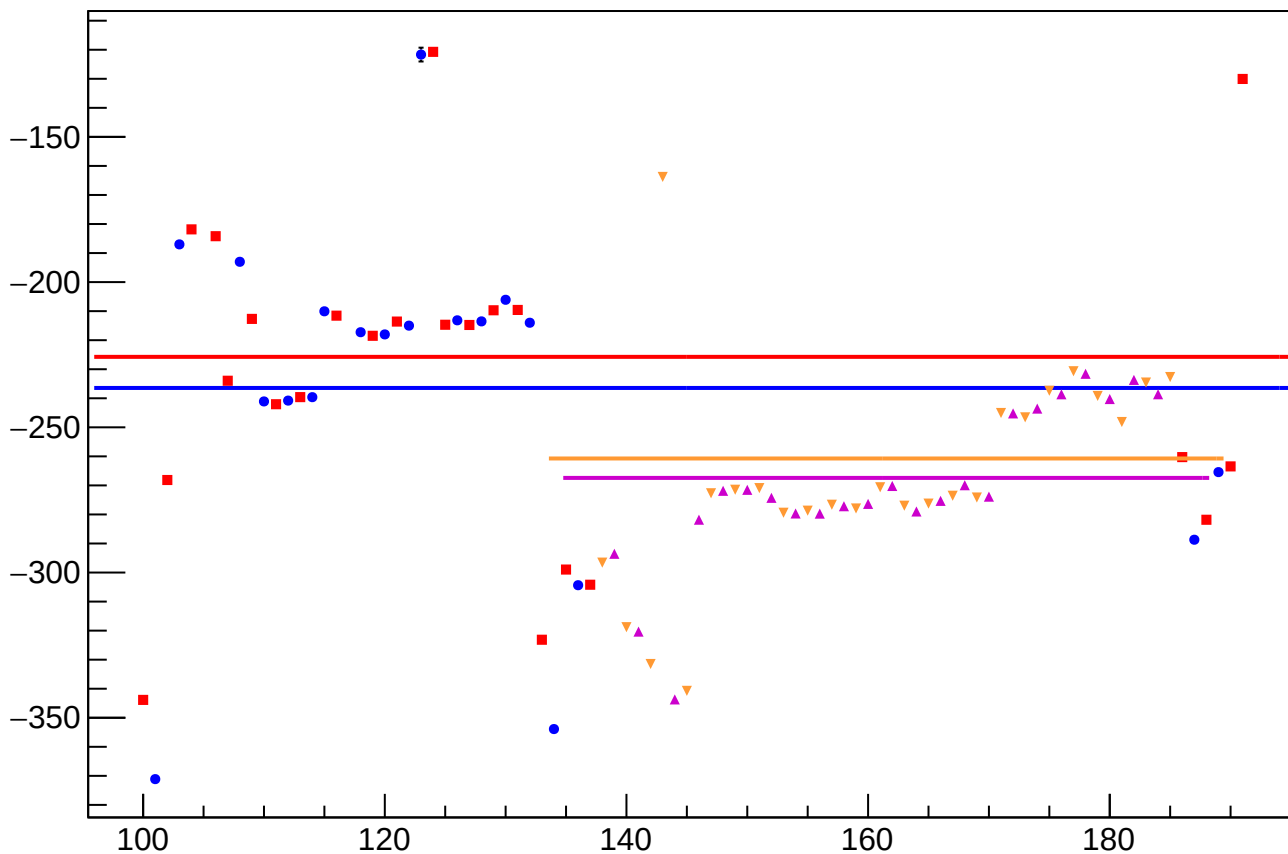
Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

+ sign 139.617 ± 1.403 $\chi^2/\text{NDF}: 1465.2/43$

All: 137.815 ± 0.998 $\chi^2/\text{NDF}: 2707.0/89$

- sign 135.968 ± 1.421 $\chi^2/\text{NDF}: 1238.5/45$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -236.444 $\pm$ 0.144 χ^2 /NDF: 148996.1/18

Left Out: -260.729 $\pm$ 0.080 χ^2 /NDF: 220125.6/24

Right Out: -225.736 $\pm$ 0.130 χ^2 /NDF: 146095.6/22

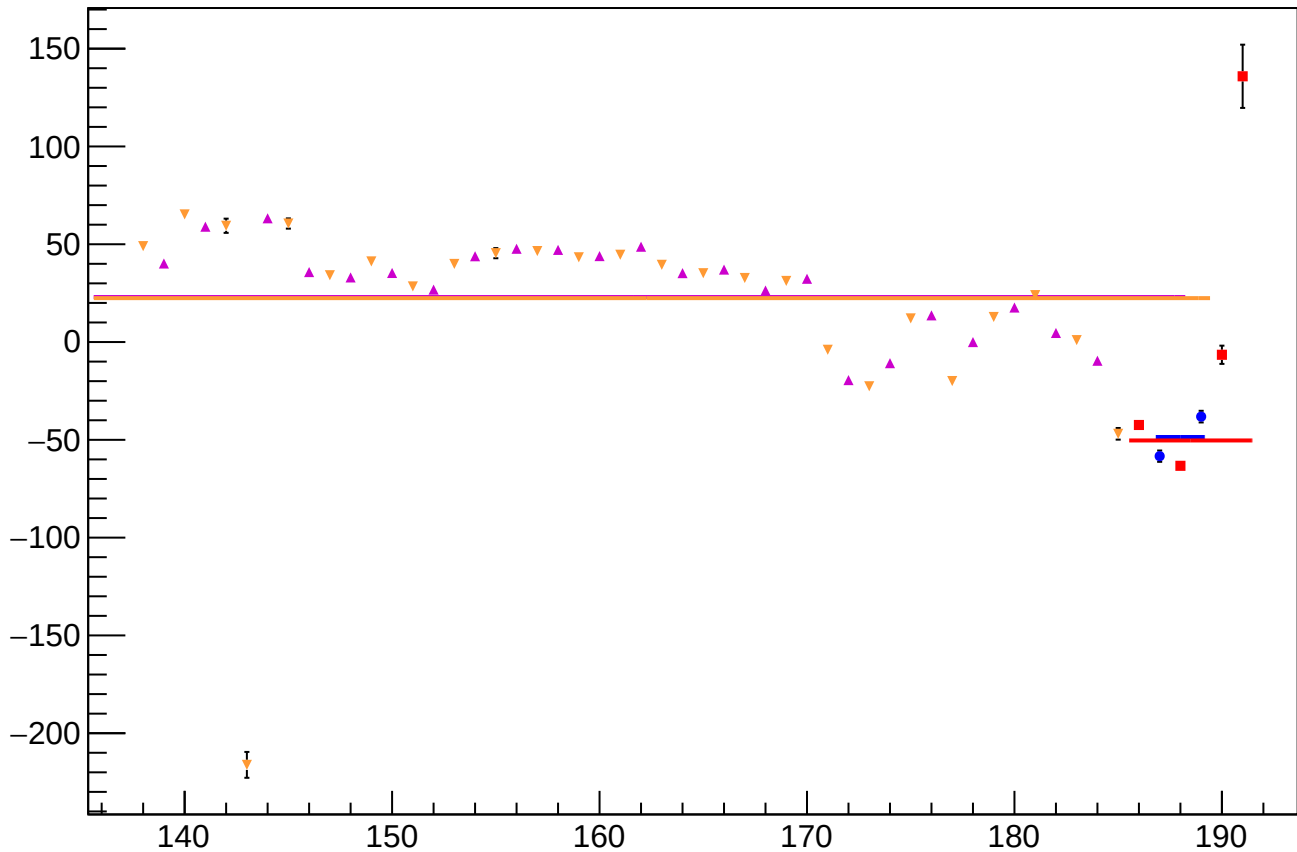
Left In: -267.416 $\pm$ 0.081 χ^2 /NDF: 98892.0/22

+ sign -255.054 $\pm$ 0.070 χ^2 /NDF: 390903.8/43

All: -255.365 $\pm$ 0.049 χ^2 /NDF: 709919.9/89

- sign -255.671 $\pm$ 0.069 χ^2 /NDF: 318976.5/45

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -48.552 ± 2.074 $\chi^2/\text{NDF}: 23.7/1$

Left Out: 22.446 ± 0.399 $\chi^2/\text{NDF}: 4935.8/24$

Right Out: -50.320 ± 1.126 $\chi^2/\text{NDF}: 310.5/3$

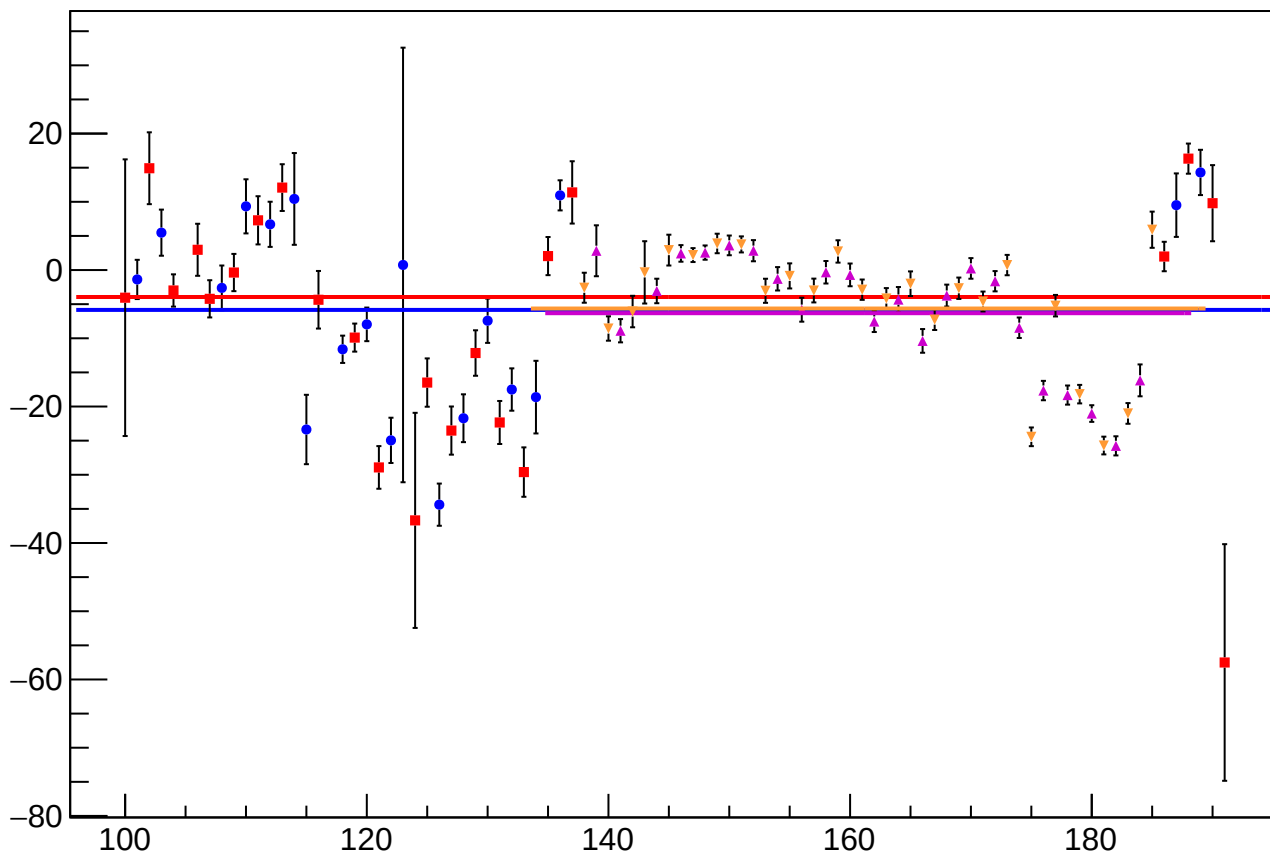
Left In: 23.019 ± 0.400 $\chi^2/\text{NDF}: 2819.9/22$

+ sign 19.914 ± 0.392 $\chi^2/\text{NDF}: 6089.6/26$

All: 17.263 ± 0.272 $\chi^2/\text{NDF}: 13075.1/53$

- sign 14.811 ± 0.377 $\chi^2/\text{NDF}: 6897.3/26$

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: -3.949 ± 0.678 χ^2/NDF : 383.6/22

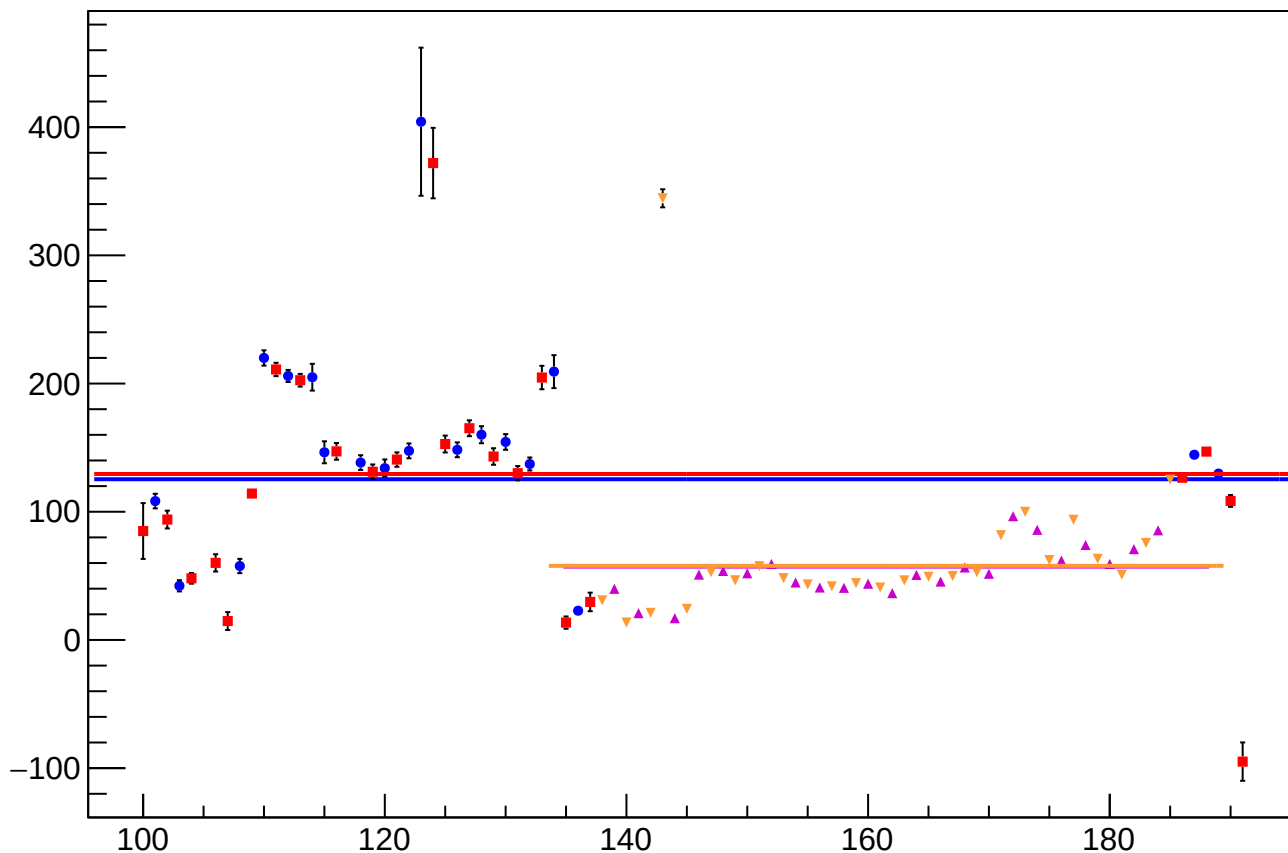
Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

+ sign -5.669 ± 0.291 χ^2/NDF : 1226.9/43

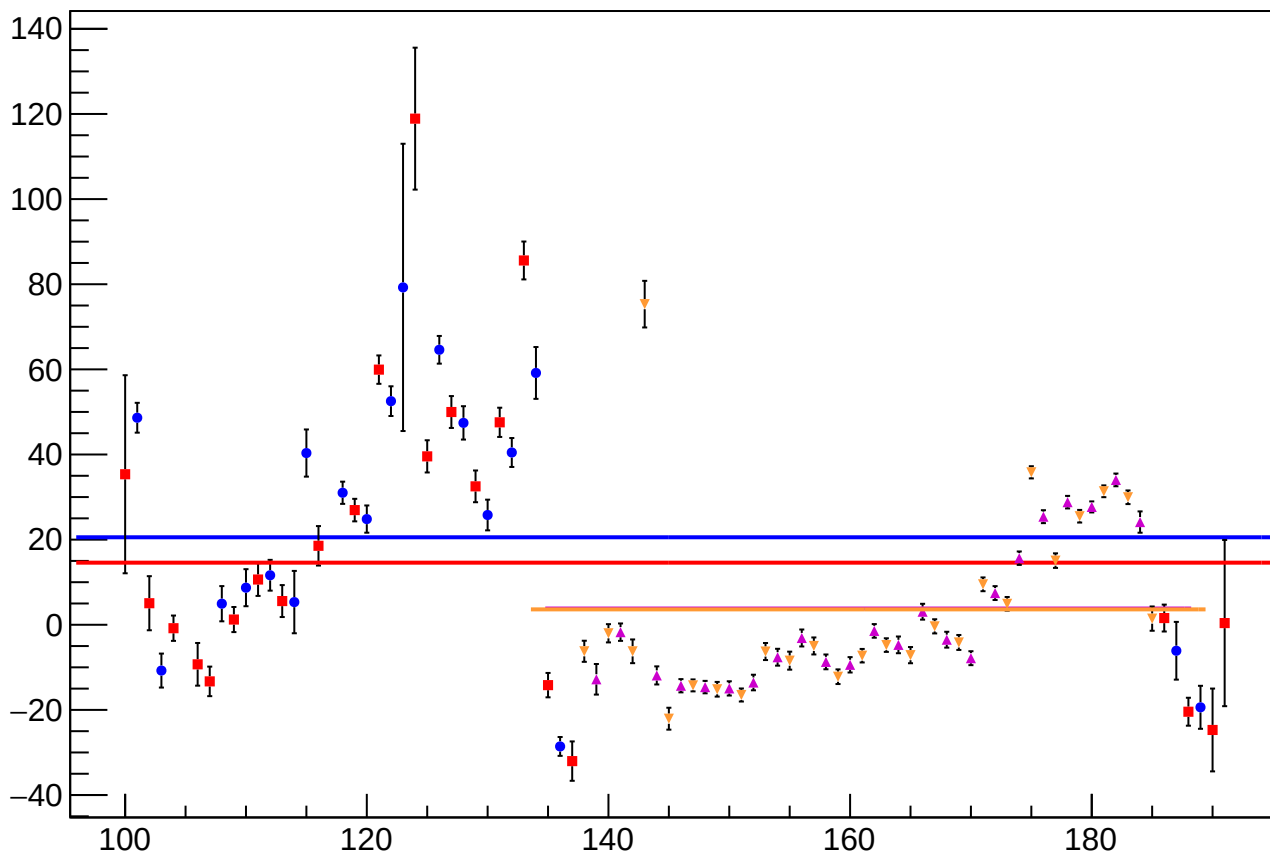
All: -5.780 ± 0.205 χ^2/NDF : 2405.2/89

- sign -5.890 ± 0.290 χ^2/NDF : 1178.0/45

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 20.553 ± 0.868 χ^2/NDF : 1153.1/18

Left Out: 3.615 ± 0.357 χ^2/NDF : 2501.2/24

Right Out: 14.589 ± 0.811 χ^2/NDF : 1243.8/22

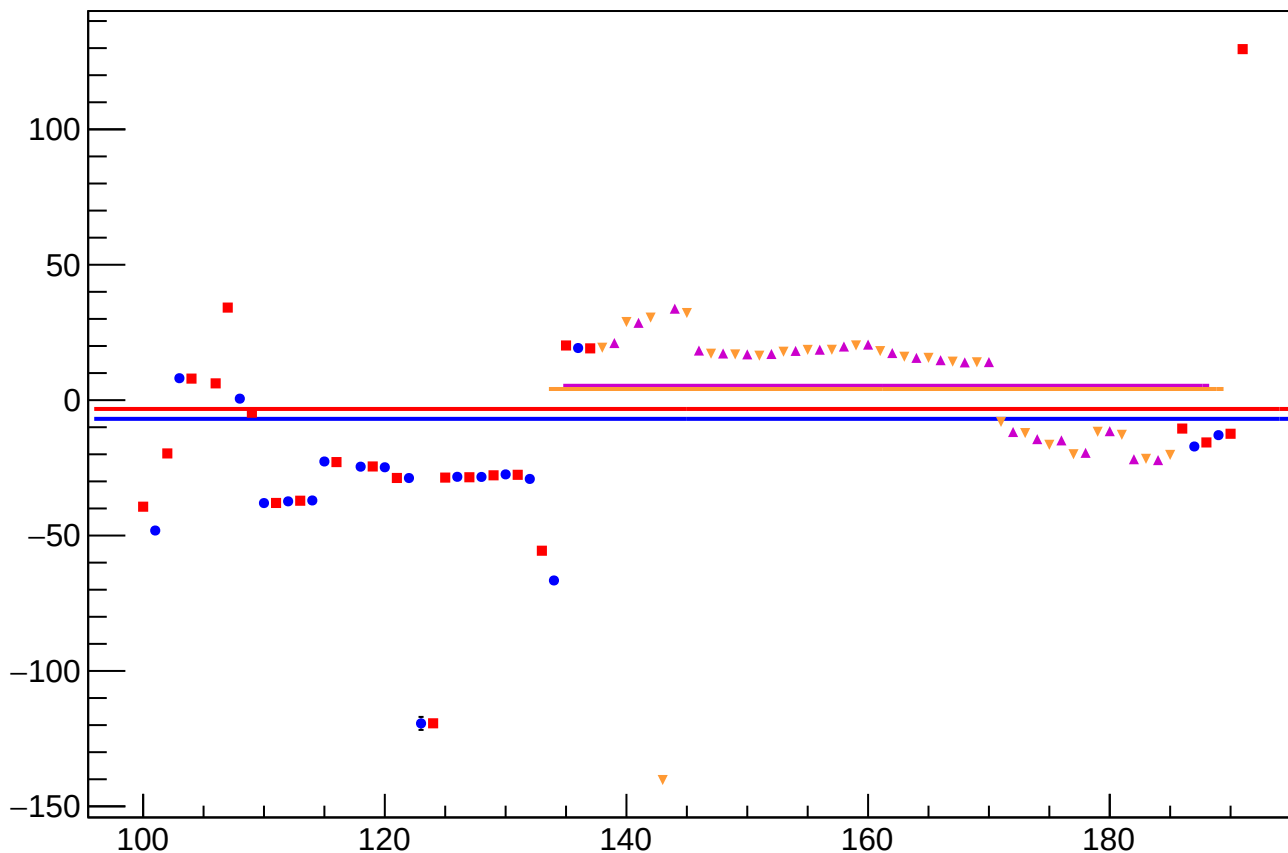
Left In: 3.812 ± 0.361 χ^2/NDF : 2203.5/22

+ sign 6.060 ± 0.330 χ^2/NDF : 3979.8/43

All: 5.826 ± 0.233 χ^2/NDF : 7575.7/89

- sign 5.593 ± 0.330 χ^2/NDF : 3594.9/45

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.908 ± 0.045 $\chi^2/\text{NDF}: 267383.1/18$

Left Out: 4.121 ± 0.016 $\chi^2/\text{NDF}: 1340176.5/24$

Right Out: -3.251 ± 0.043 $\chi^2/\text{NDF}: 335787.5/22$

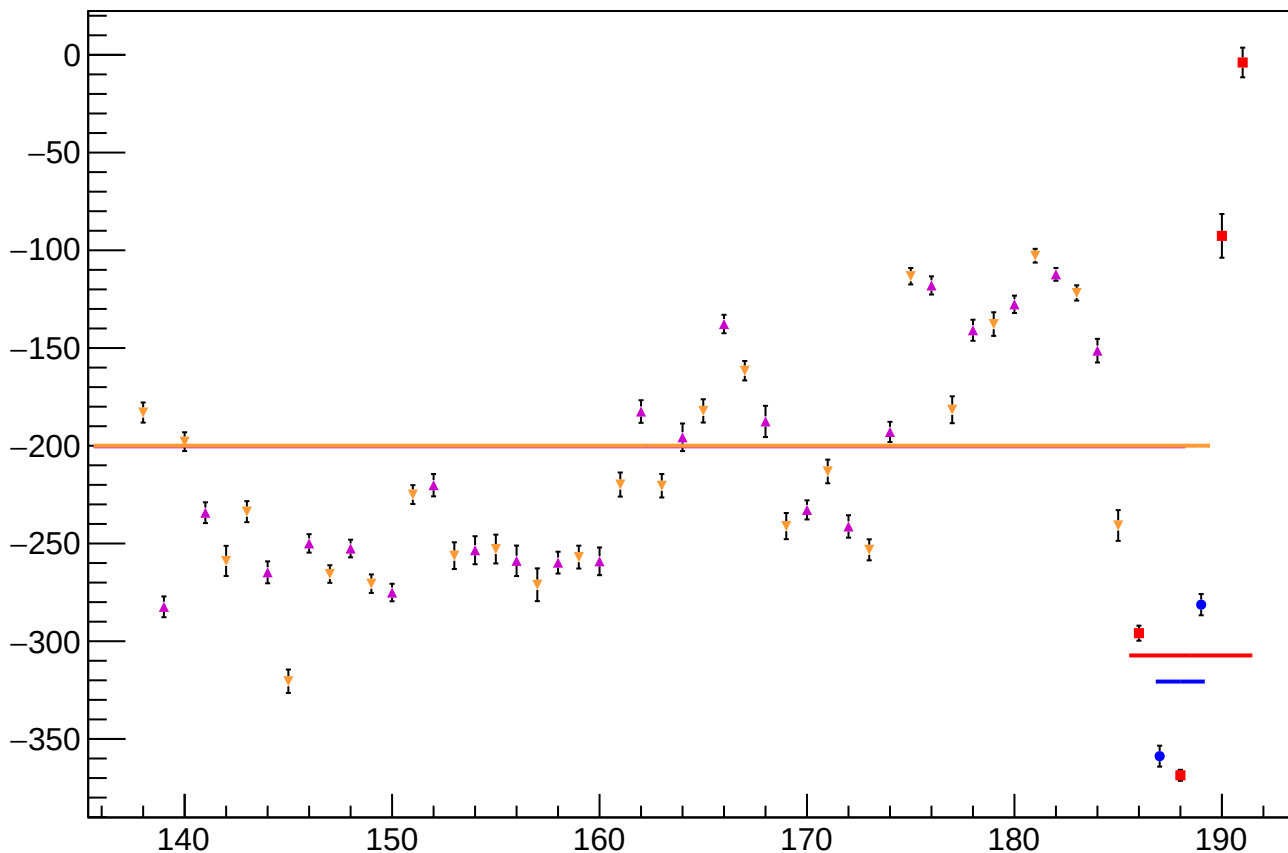
Left In: 5.305 ± 0.016 $\chi^2/\text{NDF}: 1089610.2/22$

+ sign 2.823 ± 0.015 $\chi^2/\text{NDF}: 1660979.9/43$

All: 3.520 ± 0.011 $\chi^2/\text{NDF}: 3125591.2/89$

- sign 4.207 ± 0.015 $\chi^2/\text{NDF}: 1460531.9/45$

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: -307.280+/-2.136 χ^2/NDF : 2451.2/3

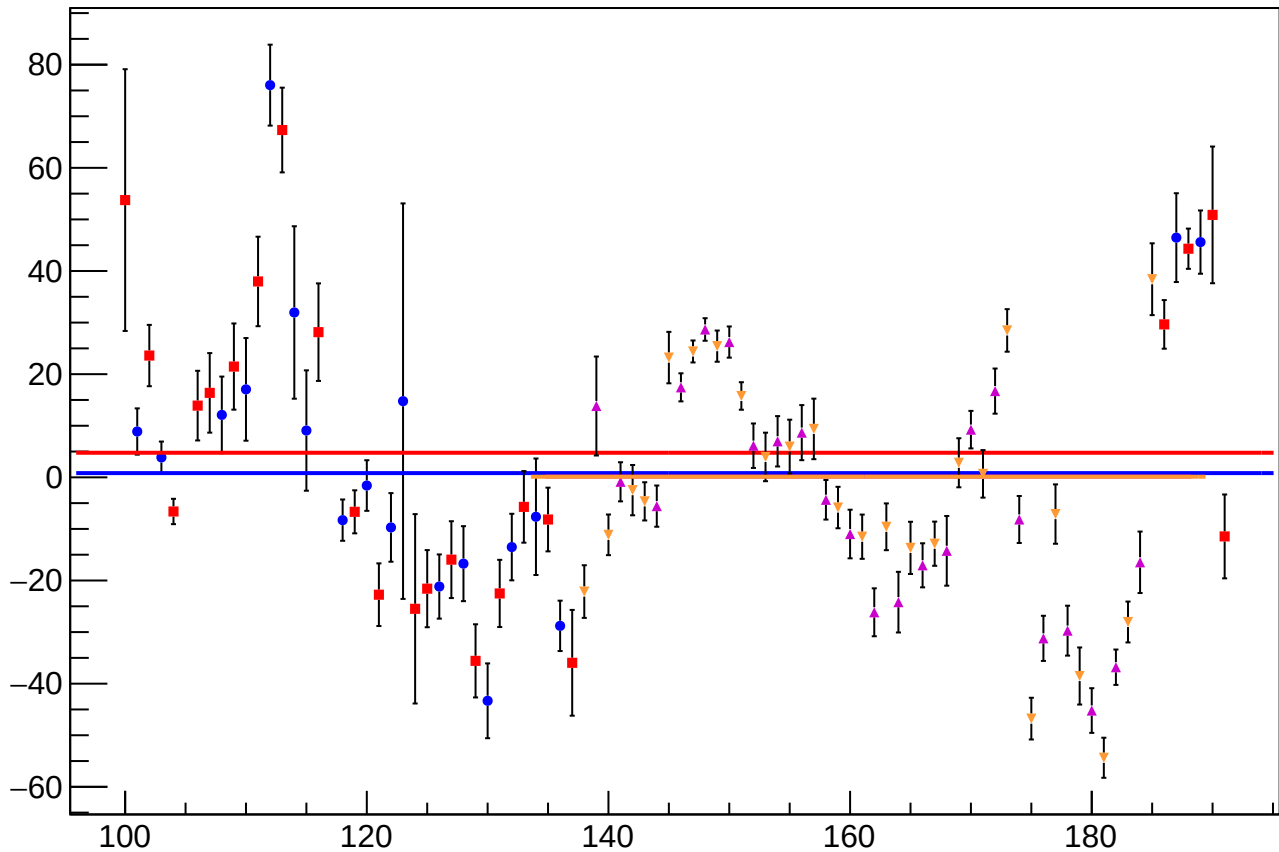
Left In: -200.276+/-1.093 χ^2/NDF : 3013.8/22

+ sign -208.931+/-1.041 χ^2/NDF : 4249.5/26

All: -216.160+/-0.711 χ^2/NDF : 11792.9/53

- sign -222.485+/-0.973 χ^2/NDF : 7452.9/26

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: 4.766 ± 1.247 χ^2/NDF : 392.3/22

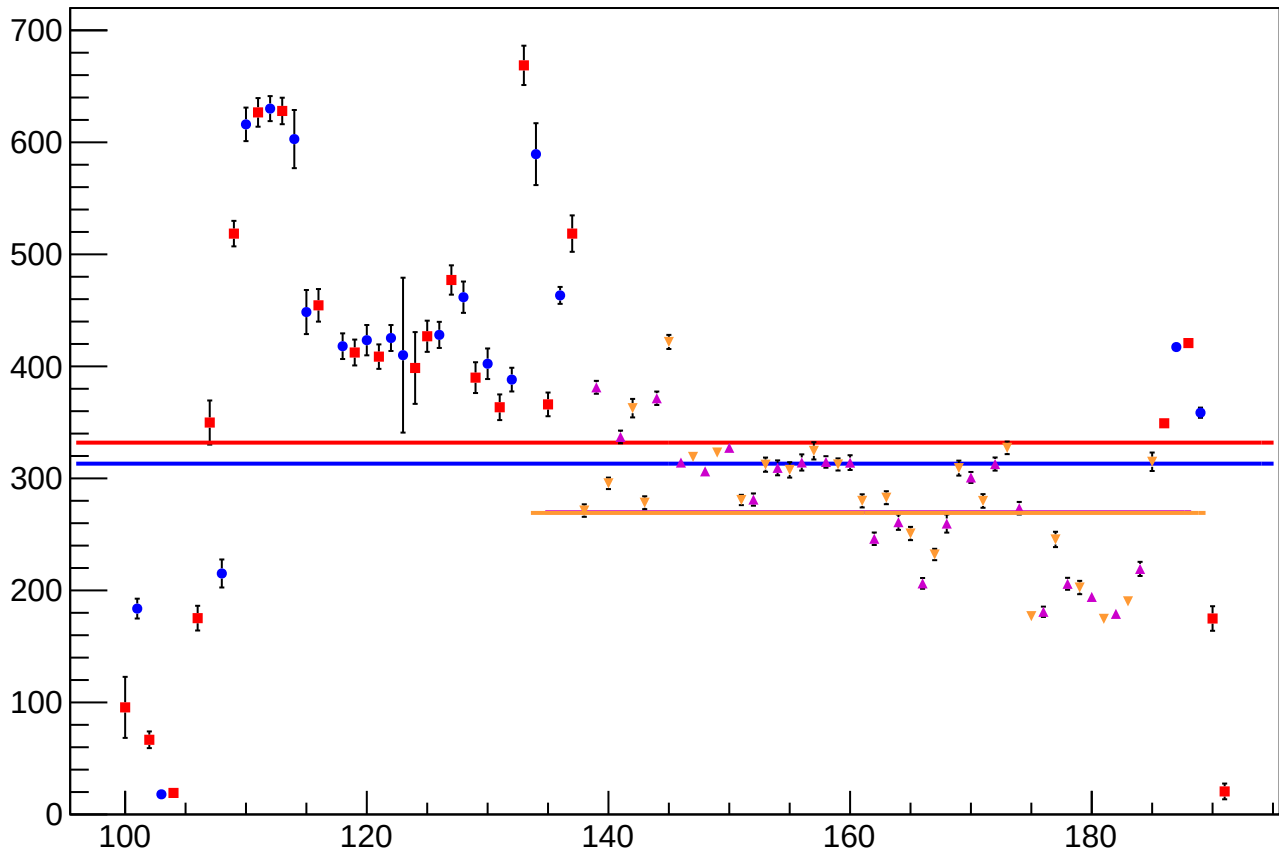
Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

+ sign 0.294 ± 0.701 χ^2/NDF : 1122.5/43

All: 0.944 ± 0.493 χ^2/NDF : 2245.6/89

- sign 1.584 ± 0.695 χ^2/NDF : 1121.4/45

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 313.159 $\pm$ 1.950 χ^2 /NDF: 8675.8/18

Left Out: 269.181 $\pm$ 1.081 χ^2 /NDF: 3148.5/24

Right Out: 331.922 $\pm$ 1.420 χ^2 /NDF: 12780.0/22

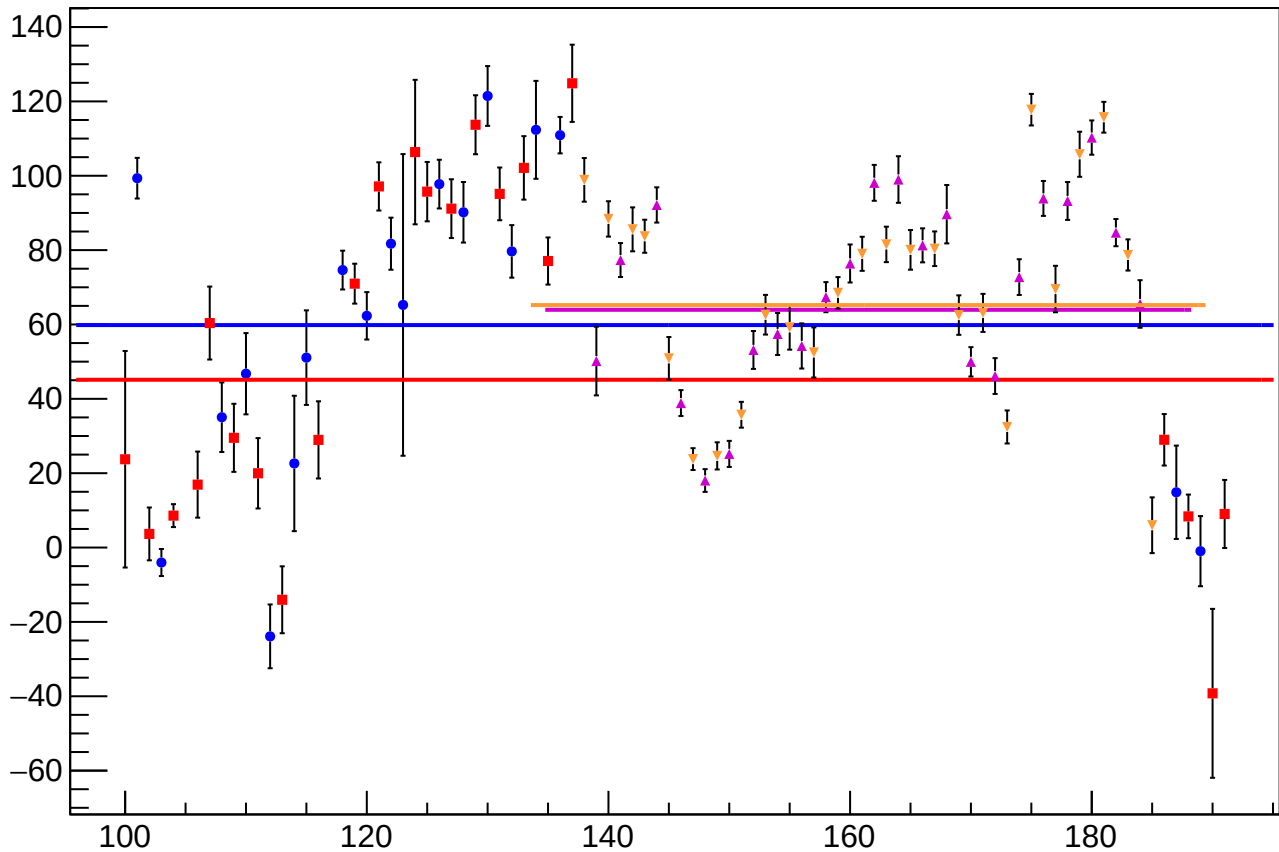
Left In: 269.798 $\pm$ 1.087 χ^2 /NDF: 3234.9/22

+ sign 279.520 $\pm$ 0.945 χ^2 /NDF: 12213.5/43

All: 286.740 $\pm$ 0.637 χ^2 /NDF: 29542.5/89

- sign 292.758 $\pm$ 0.863 χ^2 /NDF: 17222.0/45

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: 45.131 $\pm$ 1.518 χ^2/NDF : 741.8/22

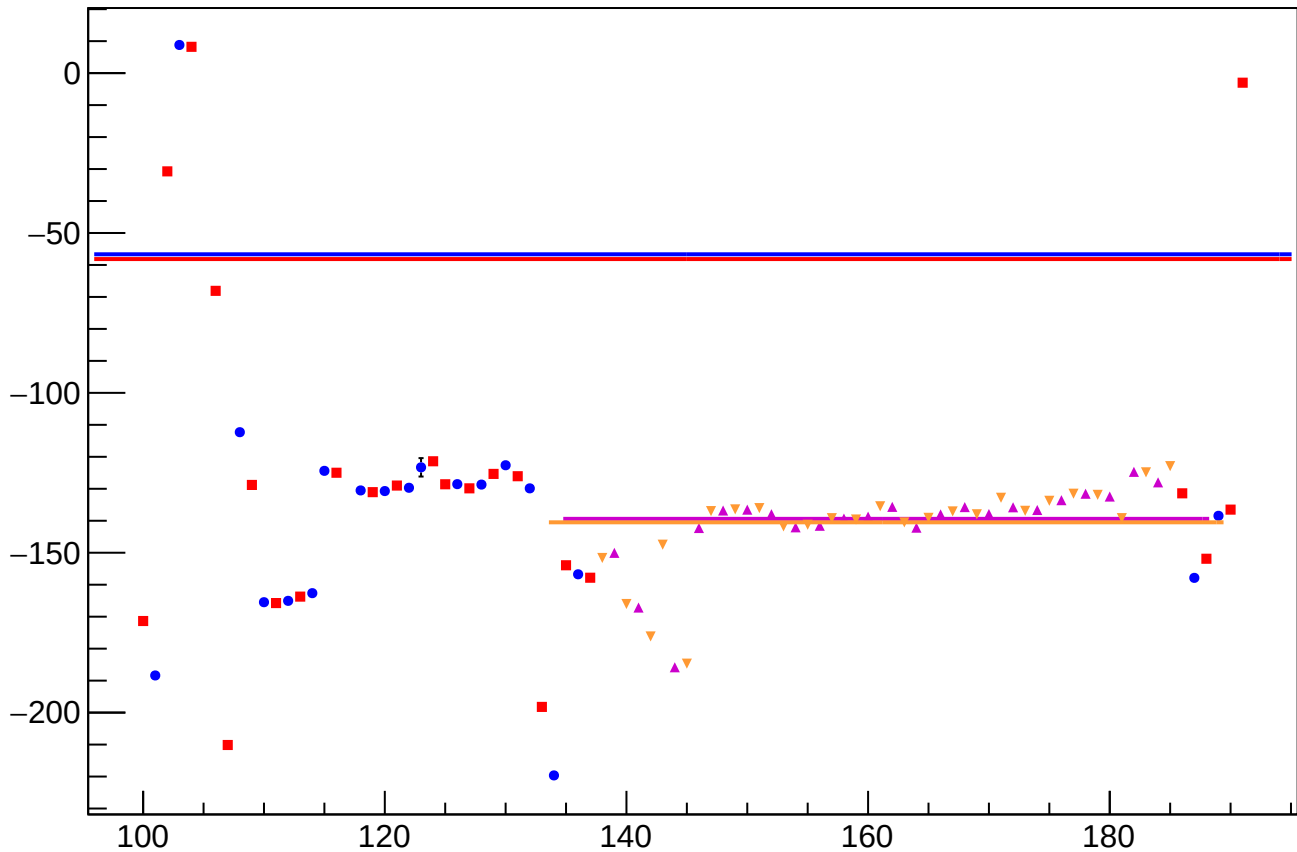
Left In: 63.944 $\pm$ 0.961 χ^2/NDF :803.4/22

+ sign 63.886 $\pm$ 0.814 χ^2/NDF : 1793.3/43

All: 61.217 $\pm$ 0.575 χ^2/NDF : 3469.5/89

- sign 58.564 $\pm$ 0.812 χ^2/NDF : 1654.8/45

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: -58.155 ± 0.067 $\chi^2/\text{NDF}: 1141596.4/22$

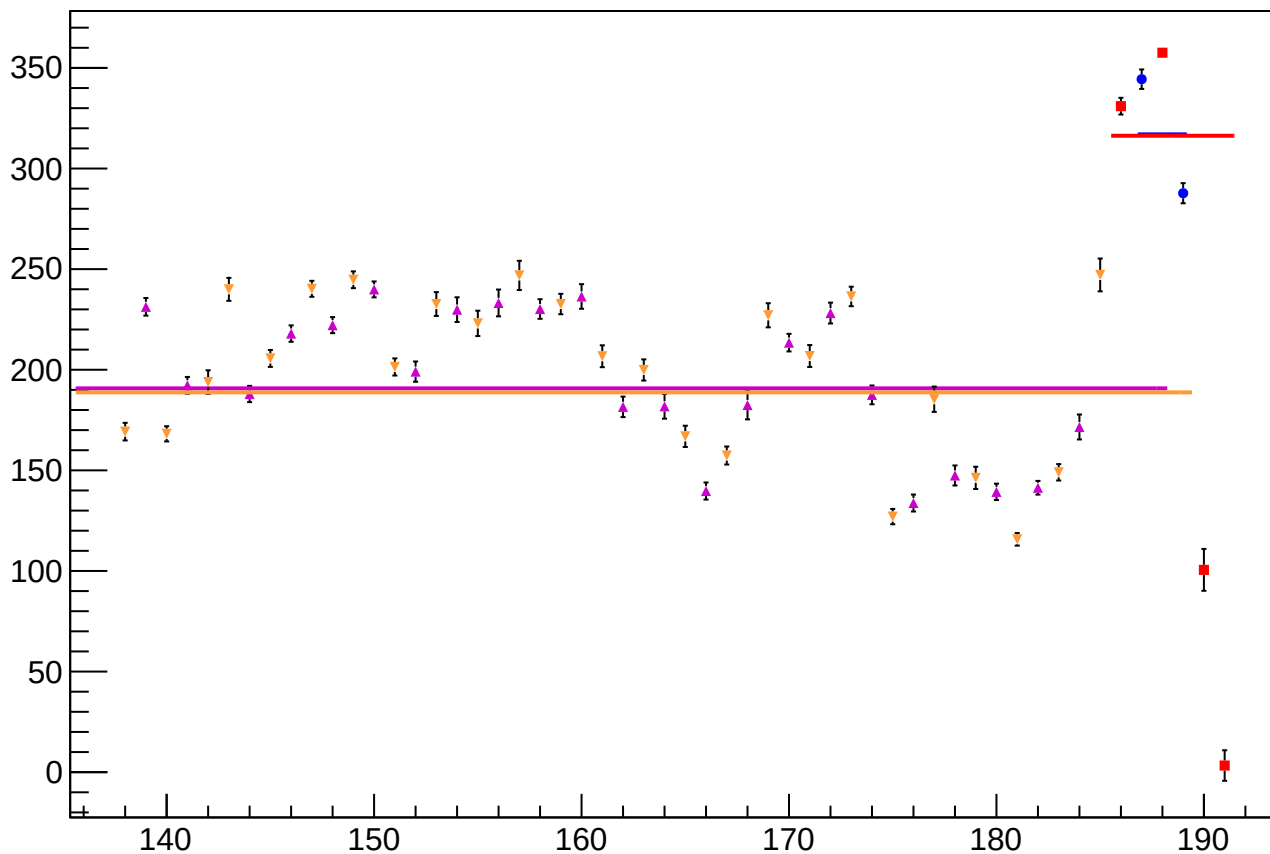
Left In: -139.406 ± 0.045 $\chi^2/\text{NDF}: 62878.4/22$

+ sign -115.744 ± 0.038 $\chi^2/\text{NDF}: 2403175.0/43$

All: -114.901 ± 0.026 $\chi^2/\text{NDF}: 4632542.6/89$

- sign -114.072 ± 0.037 $\chi^2/\text{NDF}: 2228366.4/45$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 316.967 ± 3.476 χ^2/NDF : 66.4/1

Left Out: 188.749 ± 0.958 χ^2/NDF : 1968.6/24

Right Out: 316.301 ± 2.025 χ^2/NDF : 2414.1/3

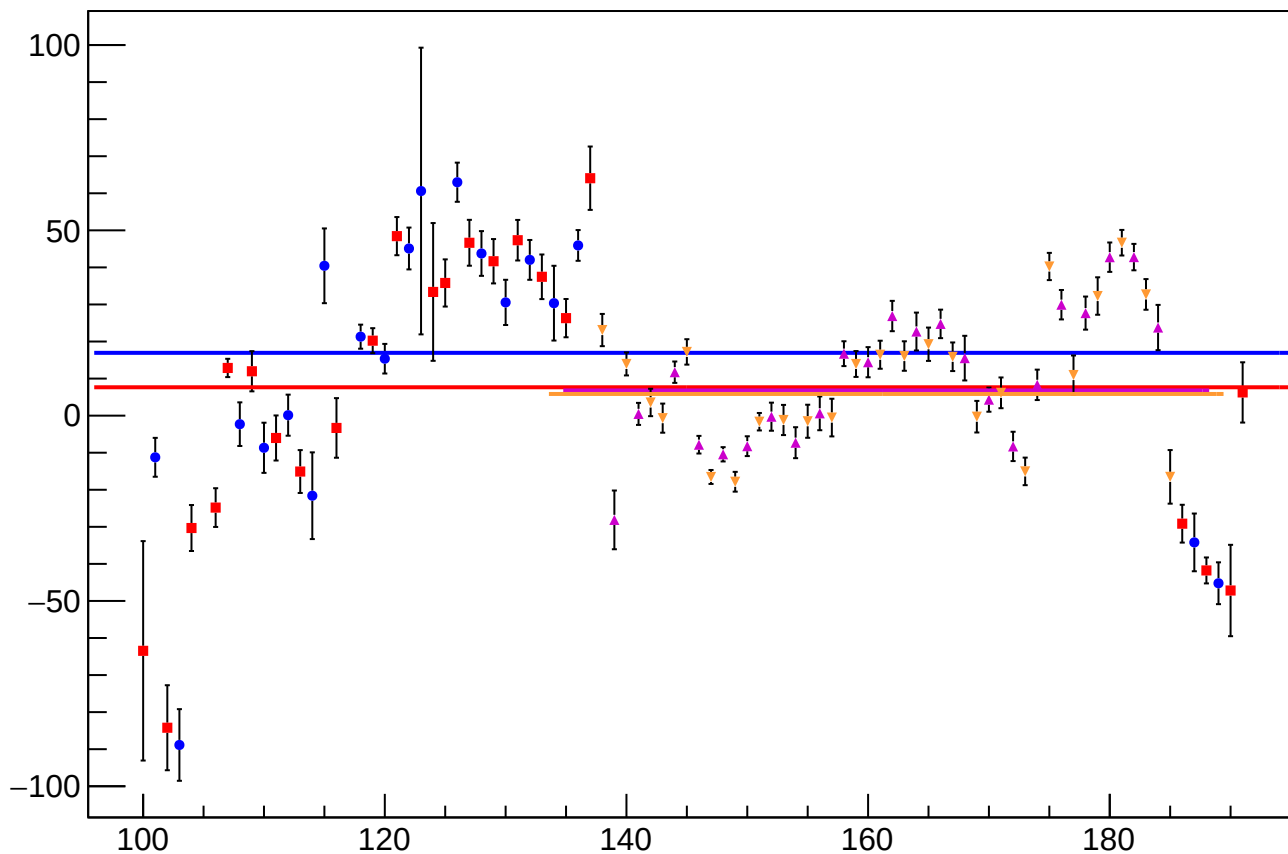
Left In: 190.753 ± 0.971 χ^2/NDF : 1421.8/22

+ sign 197.802 ± 0.924 χ^2/NDF : 3299.5/26

All: 206.449 ± 0.635 χ^2/NDF : 10426.7/53

- sign 214.219 ± 0.876 χ^2/NDF : 6960.8/26

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 16.947 $\pm$ 1.316 χ^2 /NDF: 564.8/18

Left Out: 5.851 $\pm$ 0.714 χ^2 /NDF: 650.6/24

Right Out: 7.655 $\pm$ 1.116 χ^2 /NDF: 748.4/22

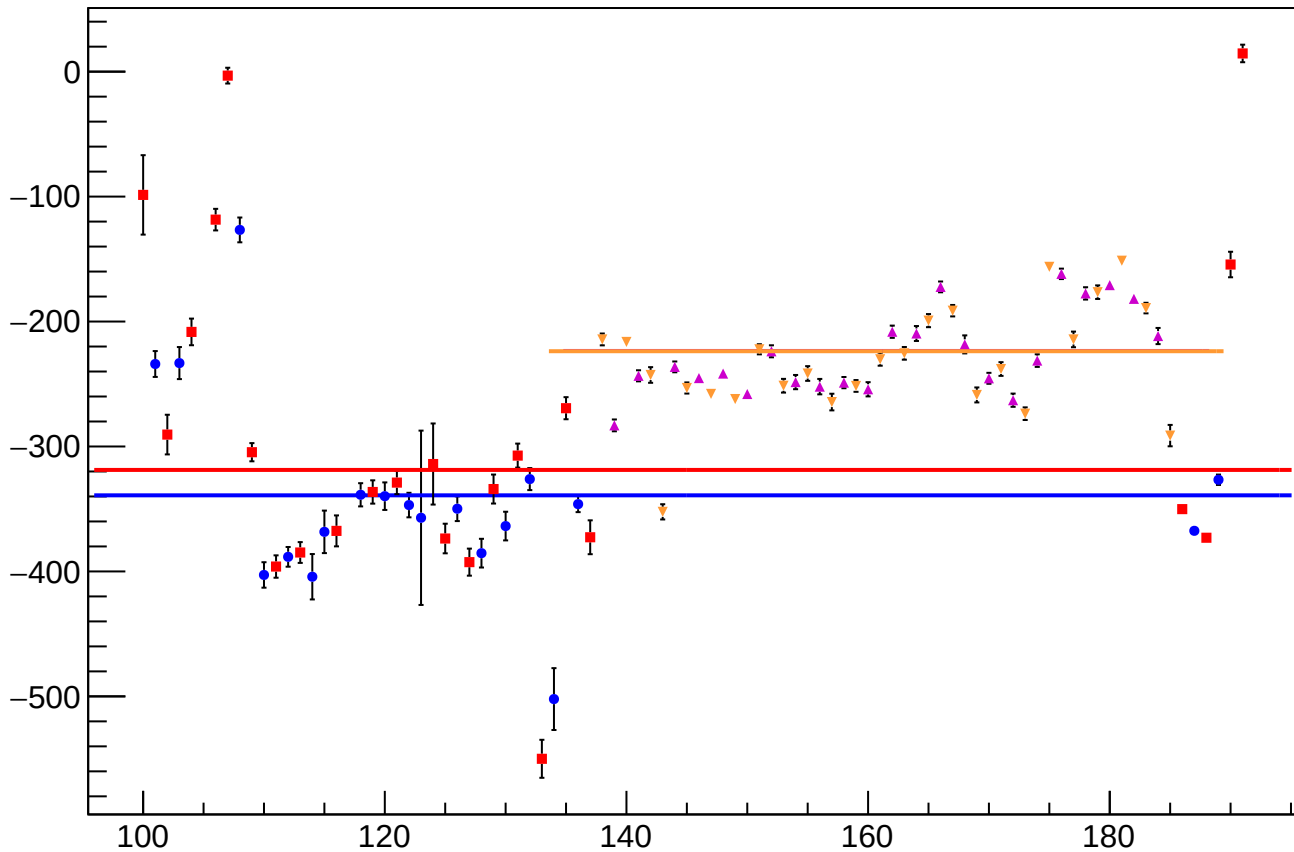
Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

+ sign 8.378 $\pm$ 0.628 χ^2 /NDF: 1270.3/43

All: 7.702 $\pm$ 0.439 χ^2 /NDF: 2547.2/89

- sign 7.057 $\pm$ 0.614 χ^2 /NDF: 1274.6/45

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: -318.761 ± 1.345 χ^2/NDF : 7031.1/22

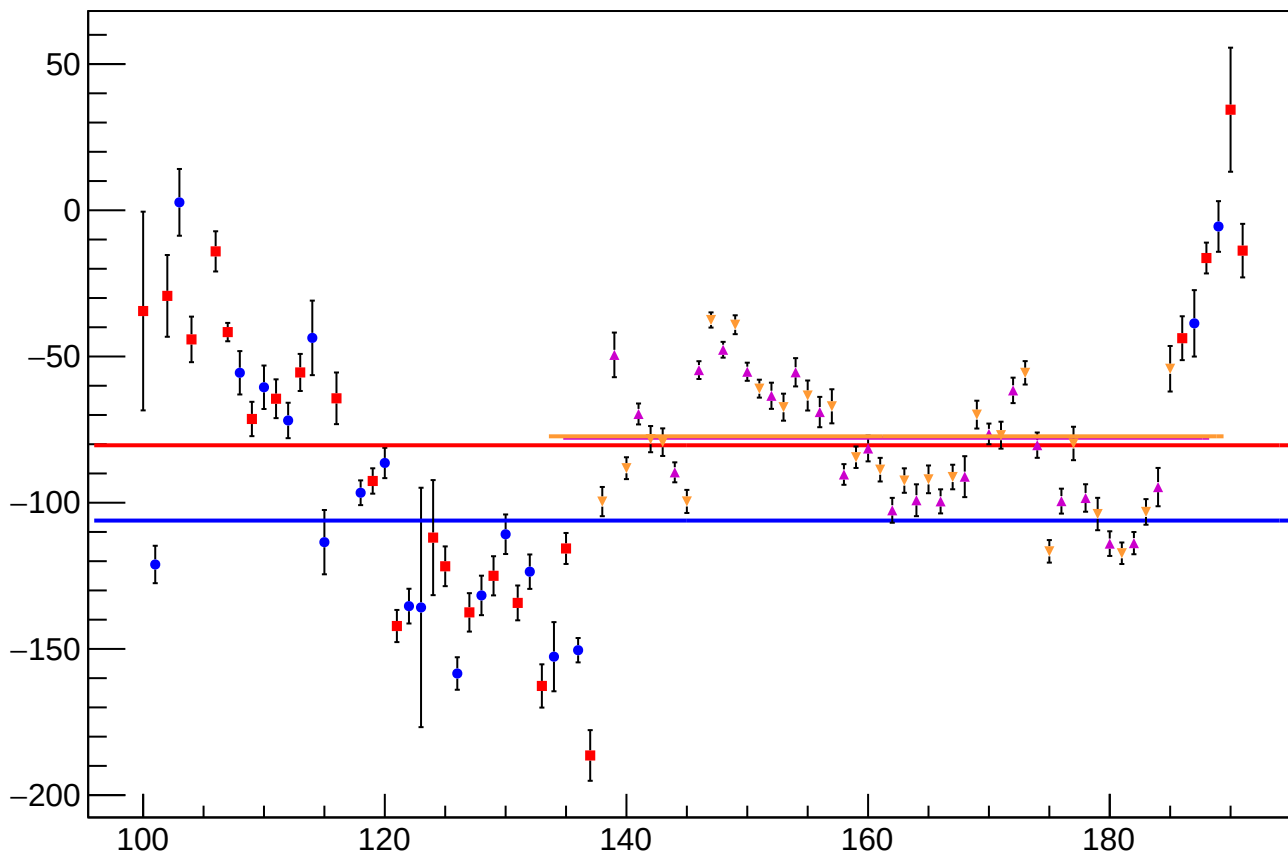
Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

+ sign -246.895 ± 0.856 χ^2/NDF : 5782.8/43

All: -251.819 ± 0.578 χ^2/NDF : 17469.1/89

- sign -255.949 ± 0.784 χ^2/NDF : 11625.5/45

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -106.107 ± 1.538 χ^2/NDF : 692.2/18

Left Out: -77.296 ± 0.829 χ^2/NDF : 844.6/24

Right Out: -80.360 ± 1.344 χ^2/NDF : 1256.2/22

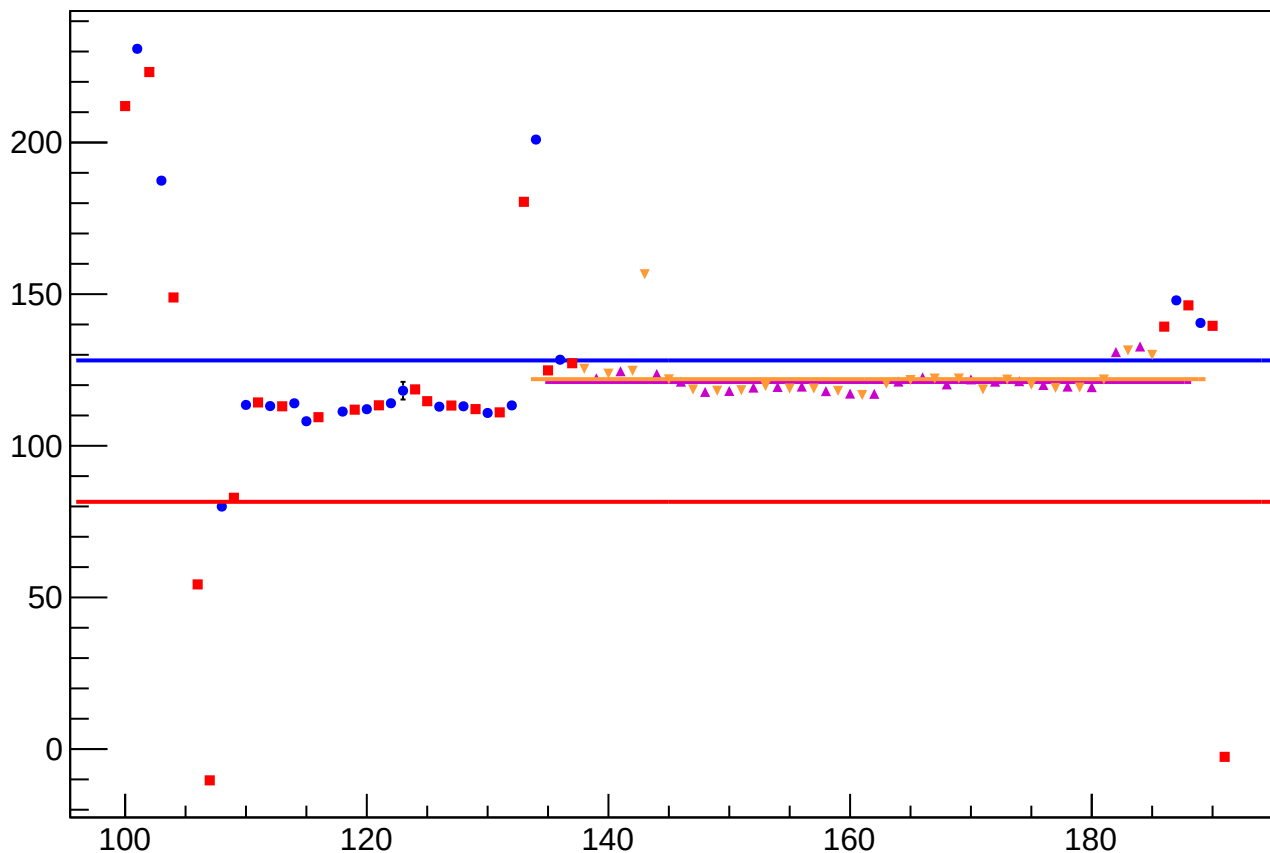
Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

+ sign -83.780 ± 0.730 χ^2/NDF : 1808.8/43

All: -81.098 ± 0.511 χ^2/NDF : 3718.7/89

- sign -78.511 ± 0.716 χ^2/NDF : 1883.3/45

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: 81.525 $\pm$ 0.069 χ^2 /NDF: 949743.1/22

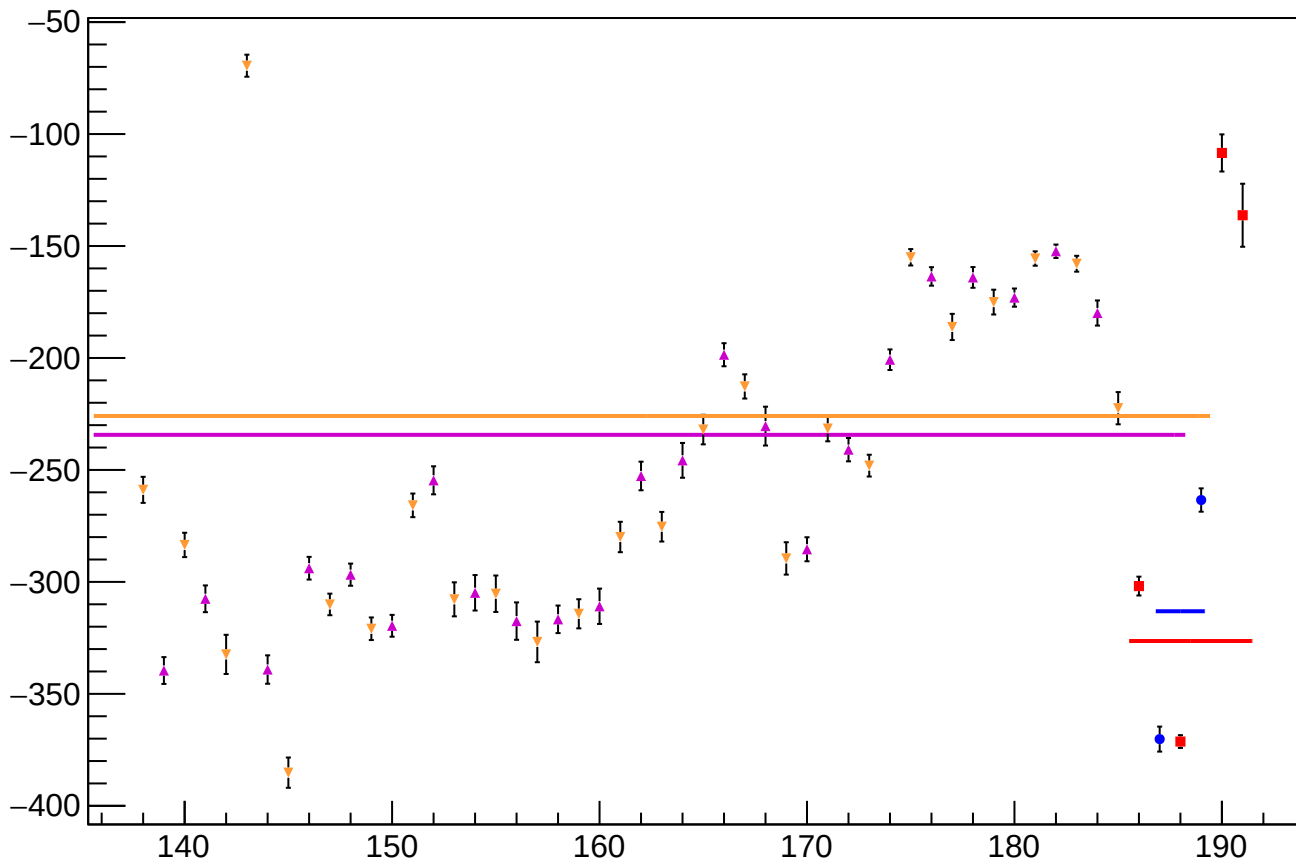
Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

+ sign 123.043 $\pm$ 0.036 χ^2 /NDF: 221702.3/43

All: 116.883 $\pm$ 0.025 χ^2 /NDF: 1482877.0/89

- sign 111.255 $\pm$ 0.034 χ^2 /NDF: 1204836.2/45

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -313.109 ± 3.809 $\chi^2/\text{NDF}: 195.5/1$

Left Out: -225.905 ± 1.083 $\chi^2/\text{NDF}: 4669.2/24$

Right Out: -326.395 ± 2.241 $\chi^2/\text{NDF}: 1155.7/3$

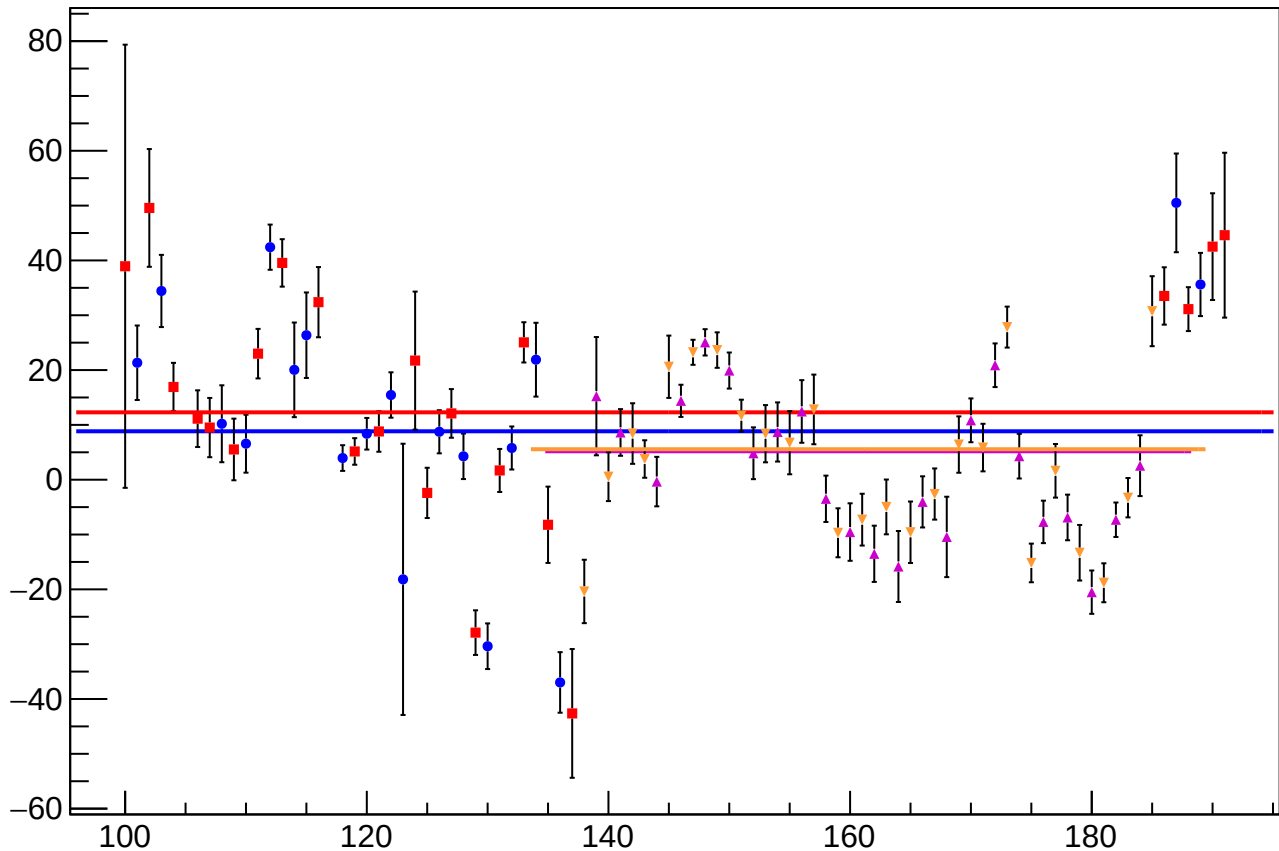
Left In: -234.328 ± 1.104 $\chi^2/\text{NDF}: 3591.9/22$

+ sign -232.433 ± 1.042 $\chi^2/\text{NDF}: 5349.7/26$

All: -242.878 ± 0.718 $\chi^2/\text{NDF}: 11646.5/53$

- sign -252.314 ± 0.991 $\chi^2/\text{NDF}: 6105.6/26$

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: 12.289 ± 1.010 χ^2/NDF : 291.1/22

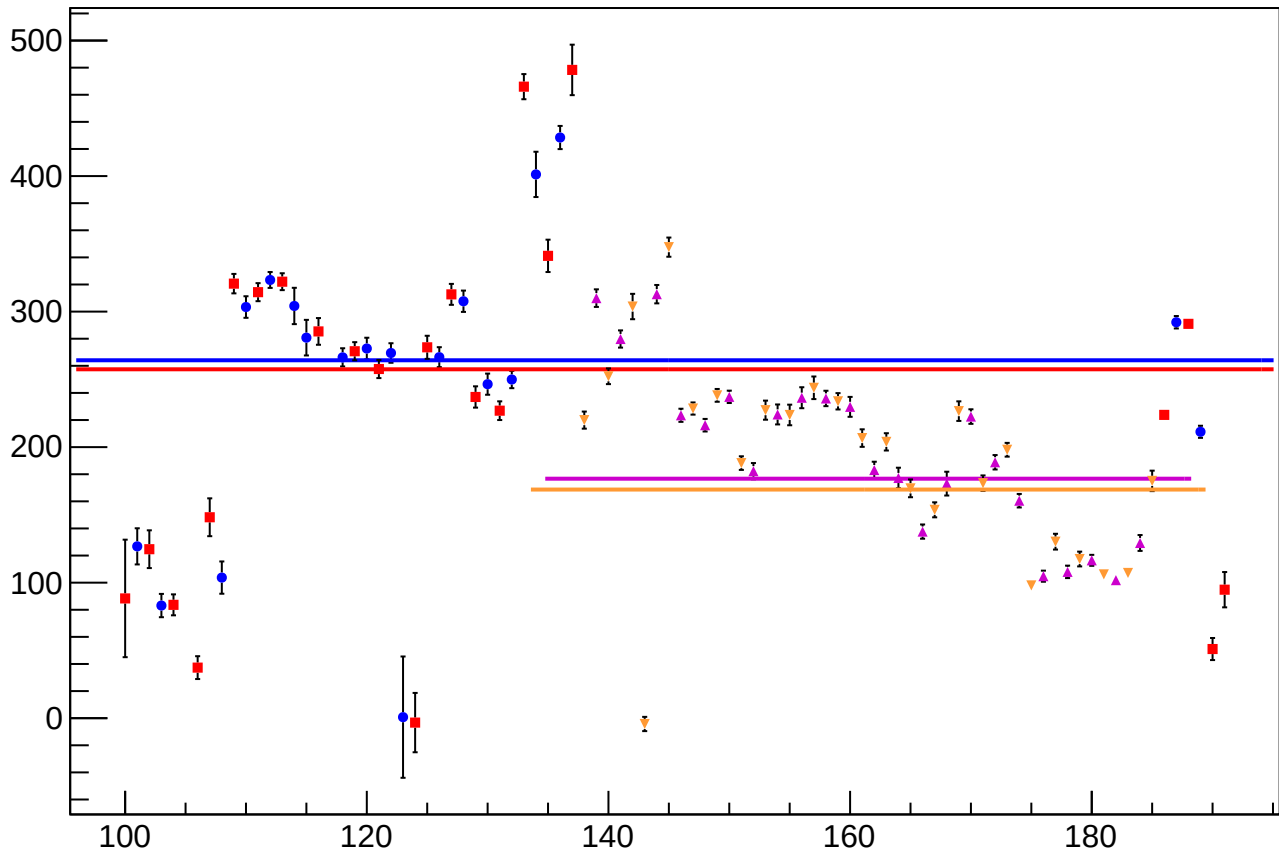
Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

+ sign 6.810 ± 0.654 χ^2/NDF : 625.4/43

All: 7.500 ± 0.464 χ^2/NDF : 1190.4/89

- sign 8.198 ± 0.658 χ^2/NDF : 562.7/45

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: 257.434 $\pm$ 1.344 χ^2 /NDF: 3653.8/22

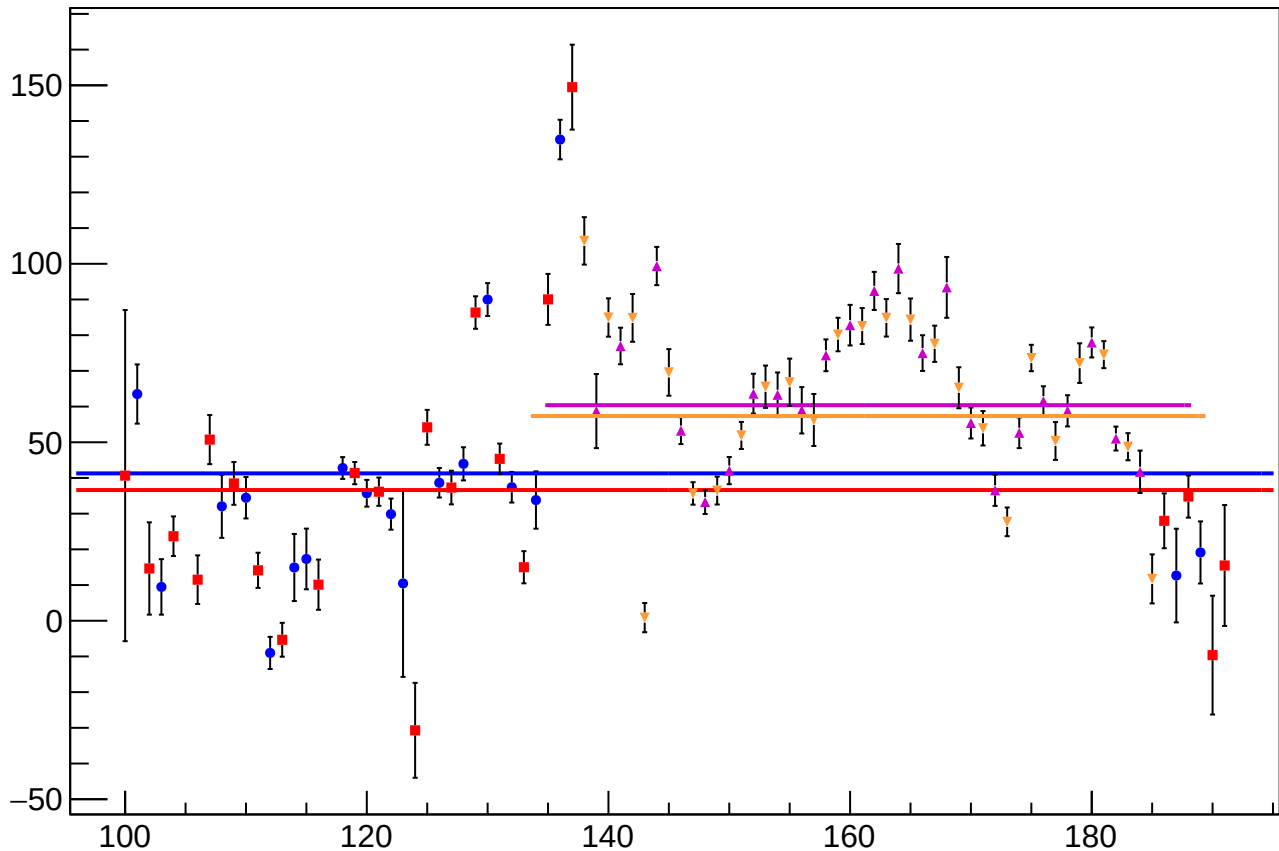
Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

+ sign 195.486 $\pm$ 0.921 χ^2 /NDF: 7961.8/43

All: 202.863 $\pm$ 0.626 χ^2 /NDF: 17127.1/89

- sign 209.171 $\pm$ 0.852 χ^2 /NDF: 9046.4/45

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.283 $\pm$ 1.237 χ^2/NDF : 587.1/18

Left Out: 57.343 $\pm$ 0.956 χ^2/NDF : 641.5/24

Right Out: 36.612 $\pm$ 1.190 χ^2/NDF : 483.5/22

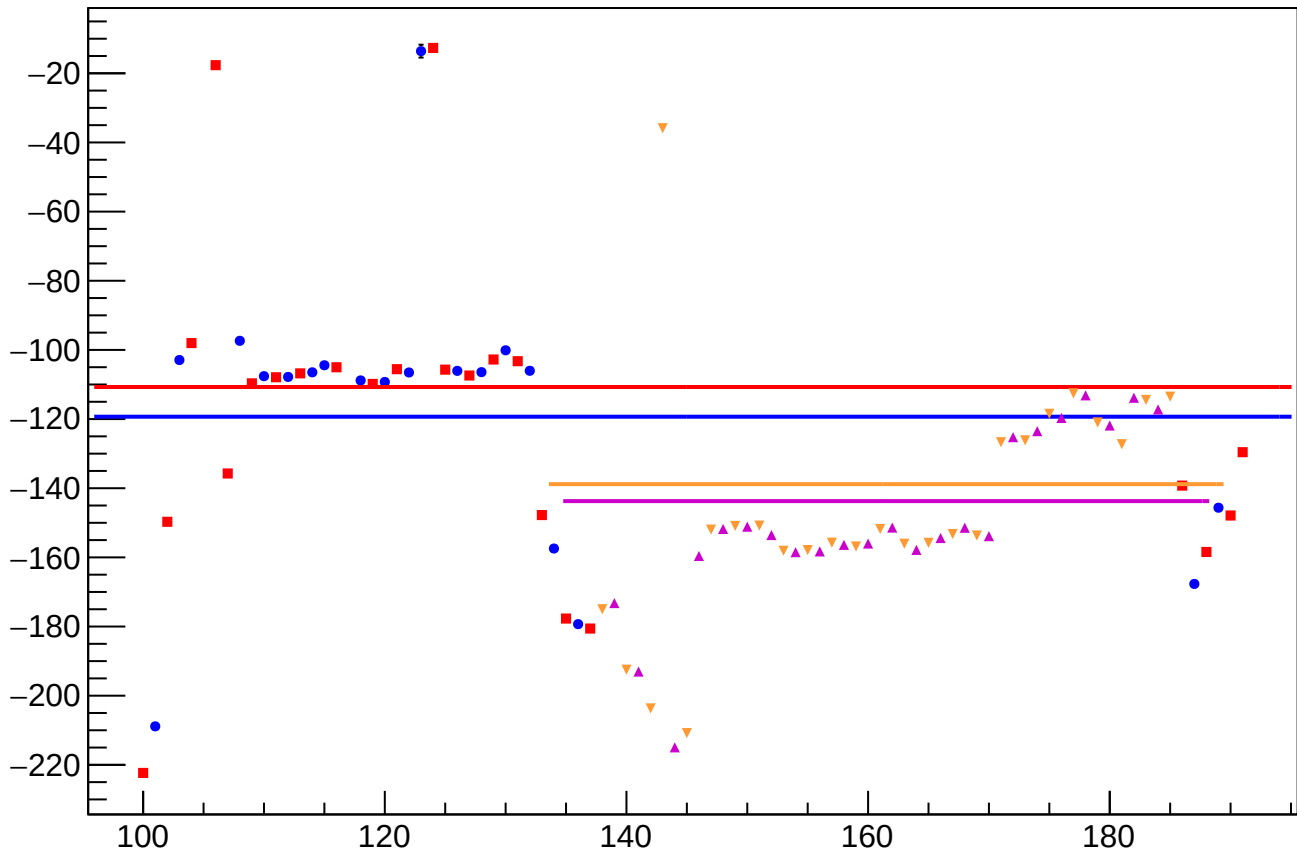
Left In: 60.392 $\pm$ 0.987 χ^2/NDF : 341.2/22

+ sign 51.336 $\pm$ 0.756 χ^2/NDF : 1334.1/43

All: 51.019 $\pm$ 0.536 χ^2/NDF : 2395.8/89

- sign 50.700 $\pm$ 0.760 χ^2/NDF : 1061.3/45

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: -110.723+/-0.069 χ^2/NDF : 366389.1/22

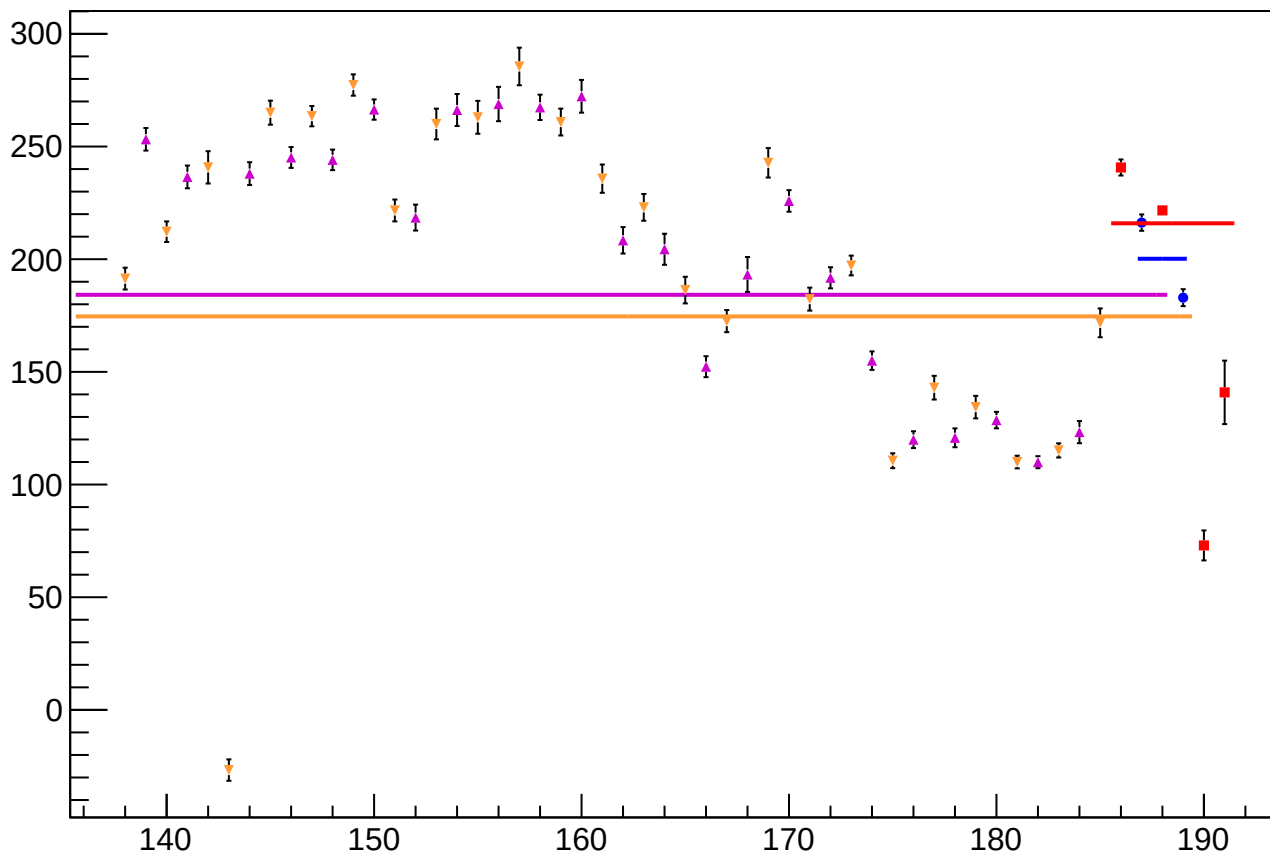
Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

+ sign -133.687+/-0.039 χ^2/NDF : 726616.3/43

All: -133.596+/-0.027 χ^2/NDF : 1514014.8/89

- sign -133.509+/-0.038 χ^2/NDF : 787387.9/45

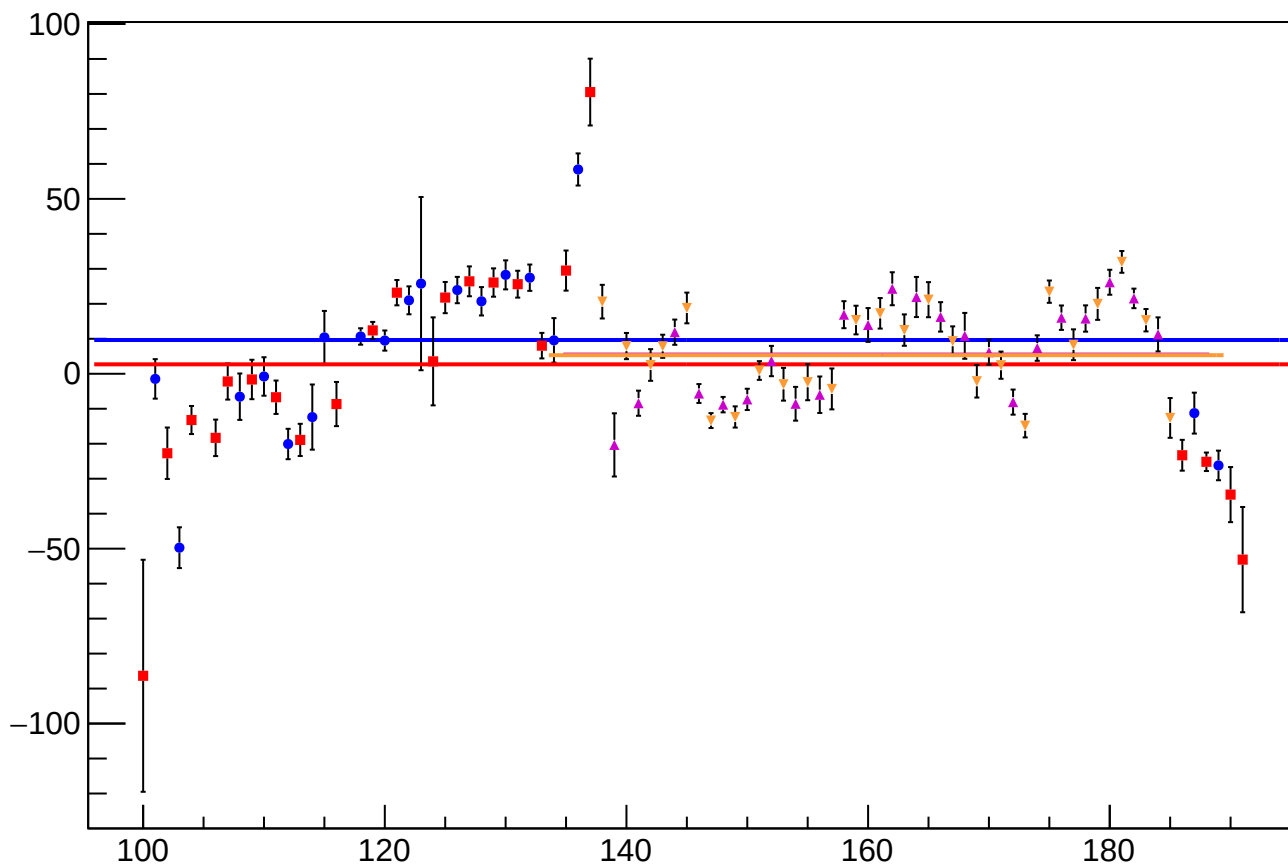
reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 200.197 ± 2.614 χ^2/NDF : 40.5/1
 Left Out: 174.613 ± 0.969 χ^2/NDF : 5551.3/24
 Right Out: 215.933 ± 1.592 χ^2/NDF : 547.6/3
 Left In: 184.205 ± 0.987 χ^2/NDF : 3637.1/22

+ sign 177.704 ± 0.909 χ^2/NDF : 5676.0/26
 All: 185.967 ± 0.616 χ^2/NDF : 10300.8/53
 - sign 193.010 ± 0.839 χ^2/NDF : 4471.6/26

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: 2.696 ± 0.944 χ^2/NDF : 520.7/22

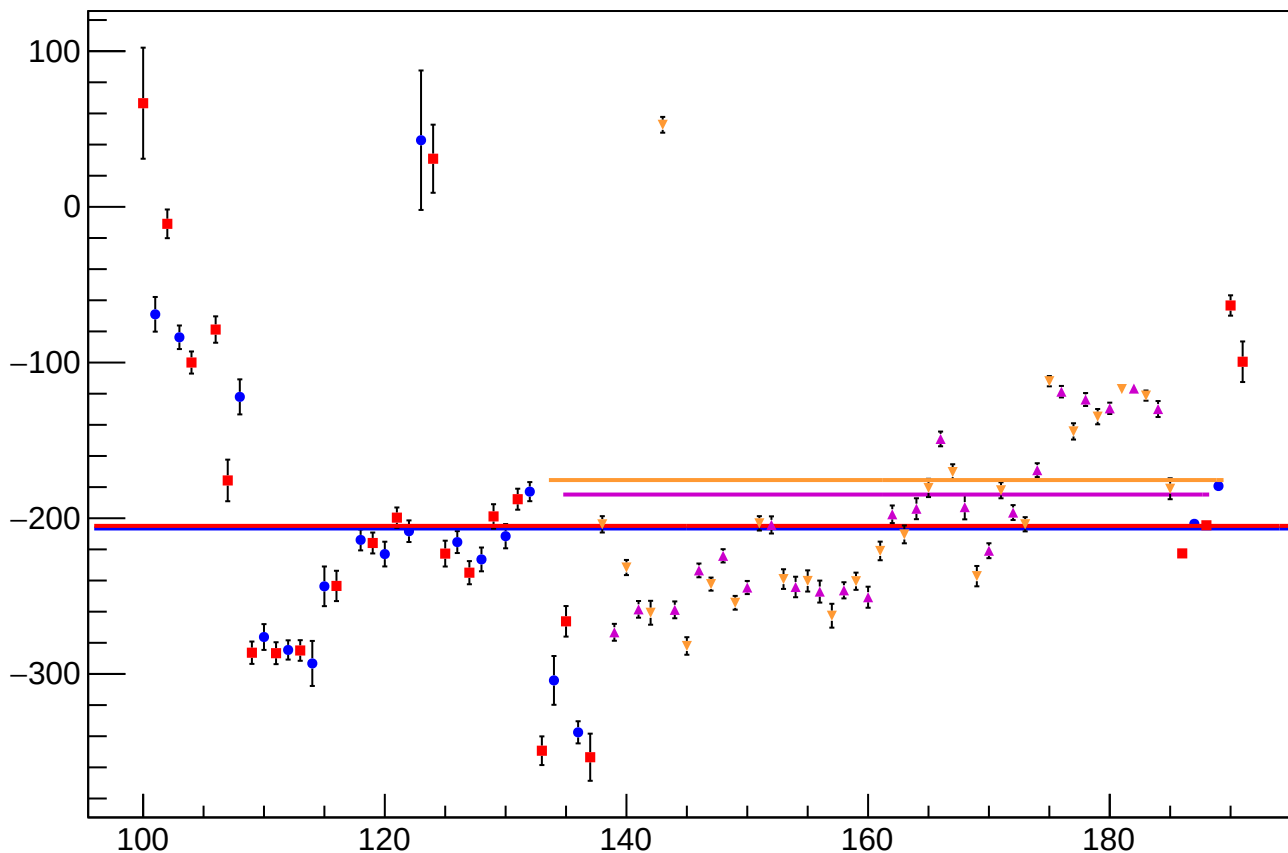
Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

+ sign 6.859 ± 0.602 χ^2/NDF : 796.9/43

All: 5.604 ± 0.425 χ^2/NDF : 1590.5/89

- sign 4.355 ± 0.601 χ^2/NDF : 785.0/45

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -206.574 ± 1.473 $\chi^2/\text{NDF}: 1260.1/18$

Left Out: -175.470 ± 0.974 $\chi^2/\text{NDF}: 5103.8/24$

Right Out: -204.891 ± 1.073 $\chi^2/\text{NDF}: 2473.1/22$

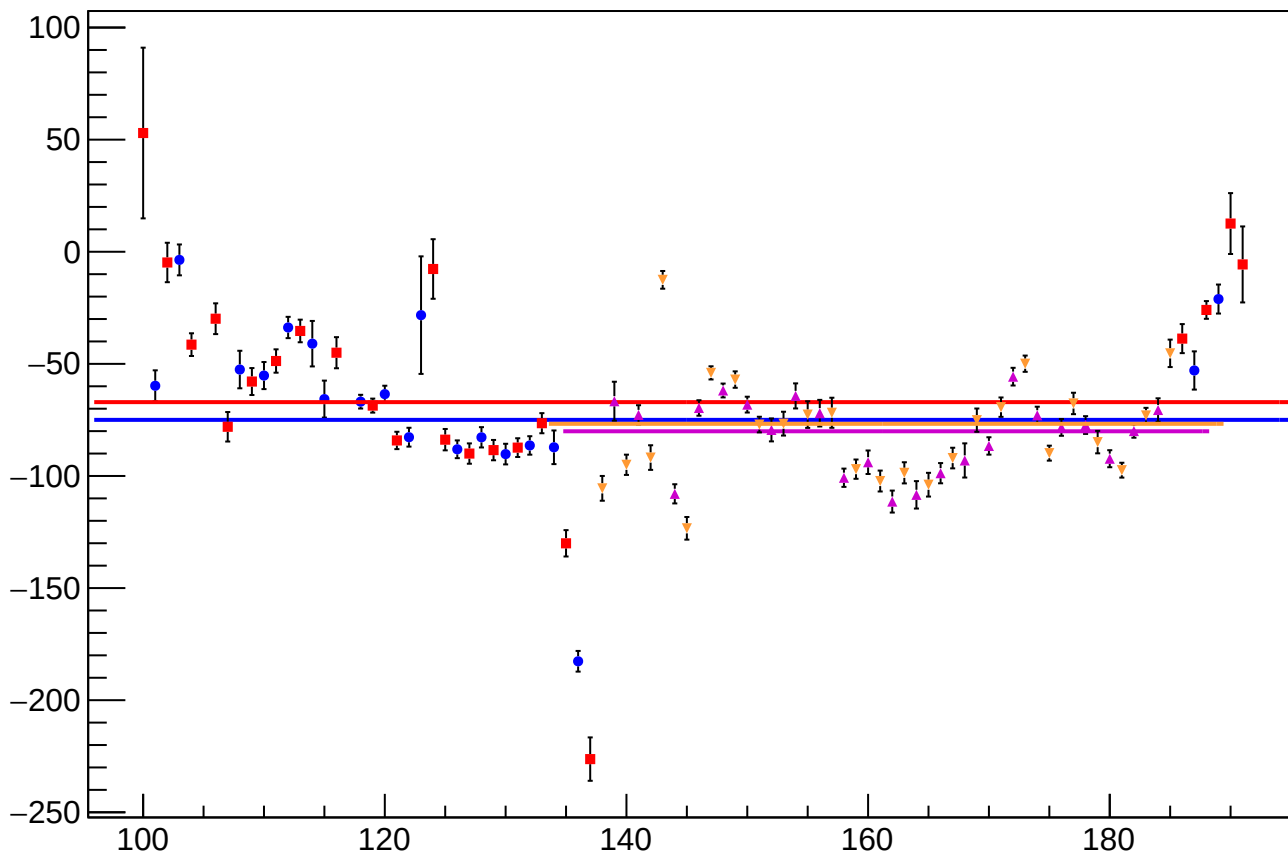
Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

+ sign -184.933 ± 0.812 $\chi^2/\text{NDF}: 6674.2/43$

All: -189.965 ± 0.541 $\chi^2/\text{NDF}: 12489.1/89$

- sign -193.990 ± 0.726 $\chi^2/\text{NDF}: 5745.8/45$

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: -67.067 ± 1.131 χ^2/NDF : 870.4/22

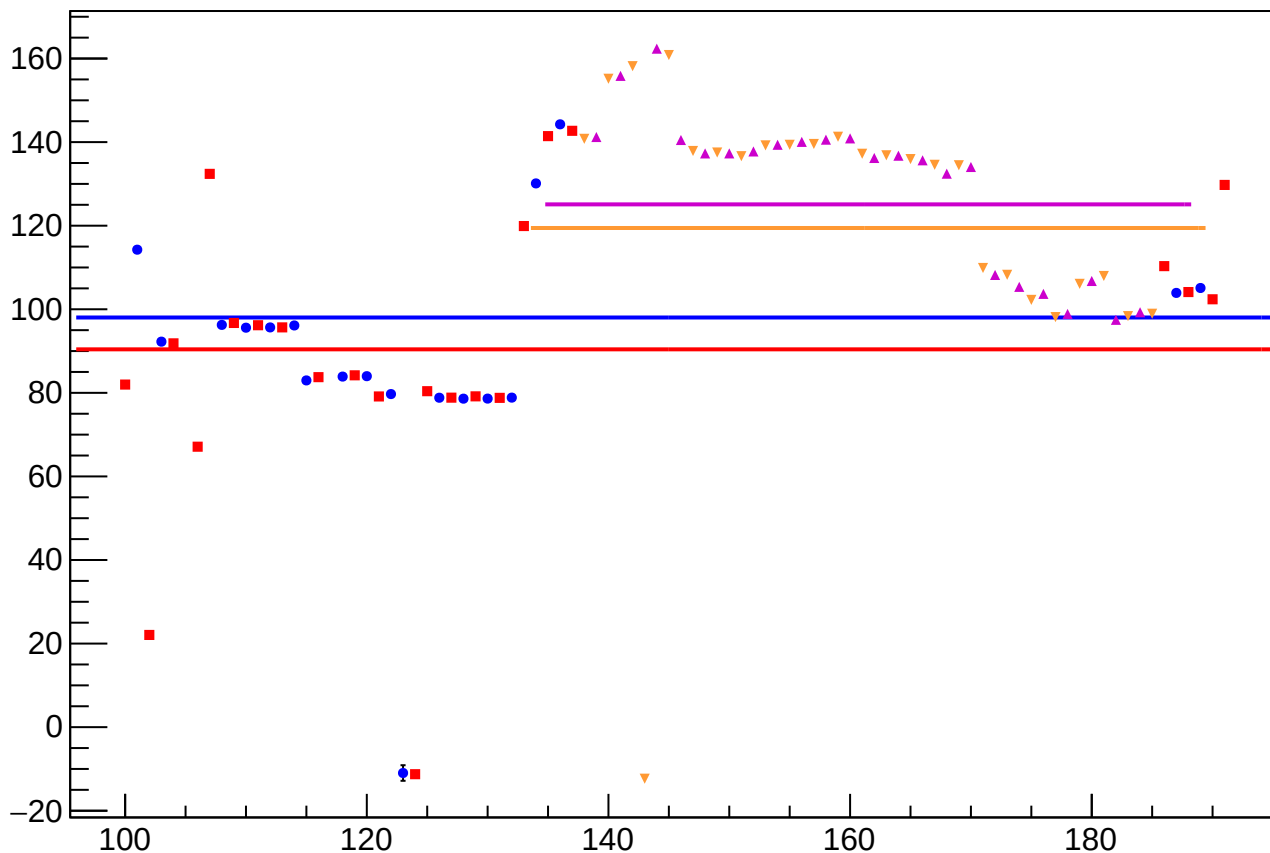
Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

+ sign -76.137 ± 0.697 χ^2/NDF : 1645.3/43

All: -75.631 ± 0.493 χ^2/NDF : 2885.5/89

- sign -75.123 ± 0.698 χ^2/NDF : 1239.1/45

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: 90.410 $\pm$ 0.063 χ^2 /NDF: 238156.3/22

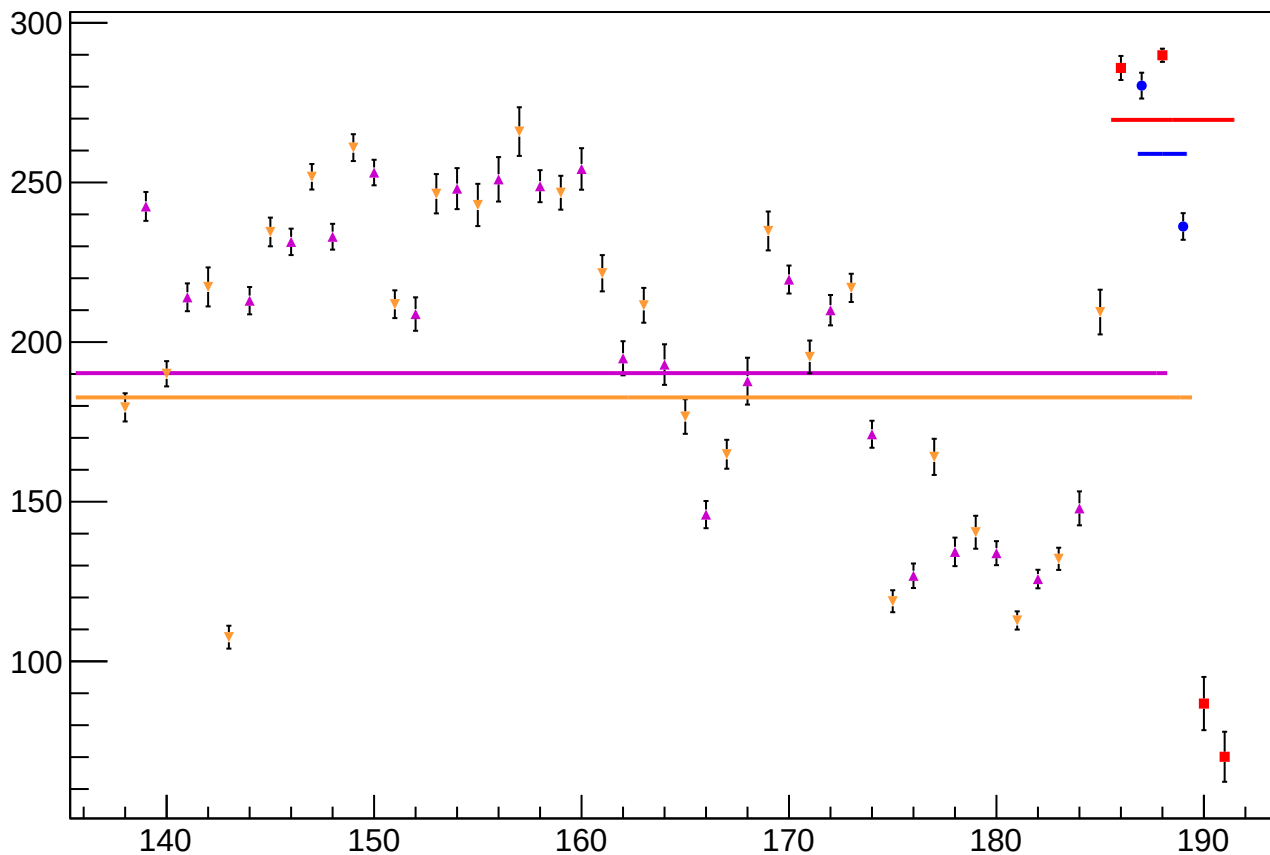
Left In: 125.101 $\pm$ 0.041 χ^2 /NDF: 222793.3/22

+ sign 114.087 $\pm$ 0.035 χ^2 /NDF: 824909.7/43

All: 114.407 $\pm$ 0.025 χ^2 /NDF: 1499389.9/89

- sign 114.713 $\pm$ 0.034 χ^2 /NDF: 674318.3/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 258.962 $\pm$ 2.906 χ^2 /NDF: 57.6/1

Left Out: 182.672 $\pm$ 0.919 χ^2 /NDF: 3230.7/24

Right Out: 269.609 $\pm$ 1.728 χ^2 /NDF: 1243.1/3

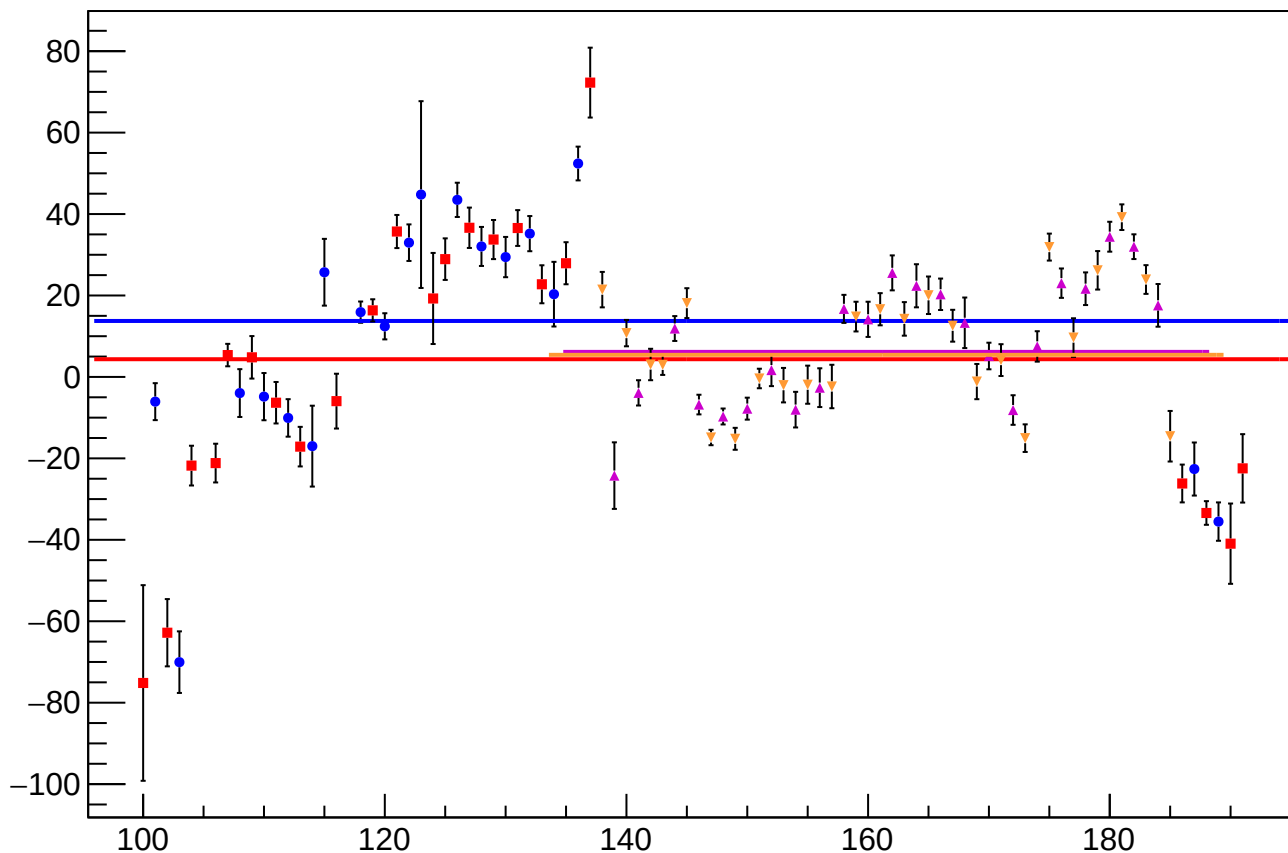
Left In: 190.279 $\pm$ 0.949 χ^2 /NDF: 2452.9/22

+ sign 189.602 $\pm$ 0.876 χ^2 /NDF: 3914.9/26

All: 199.624 $\pm$ 0.603 χ^2 /NDF: 9479.4/53

- sign 208.662 $\pm$ 0.832 χ^2 /NDF: 5315.5/26

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: 4.349 $\pm$ 0.982 χ^2 /NDF: 740.8/22

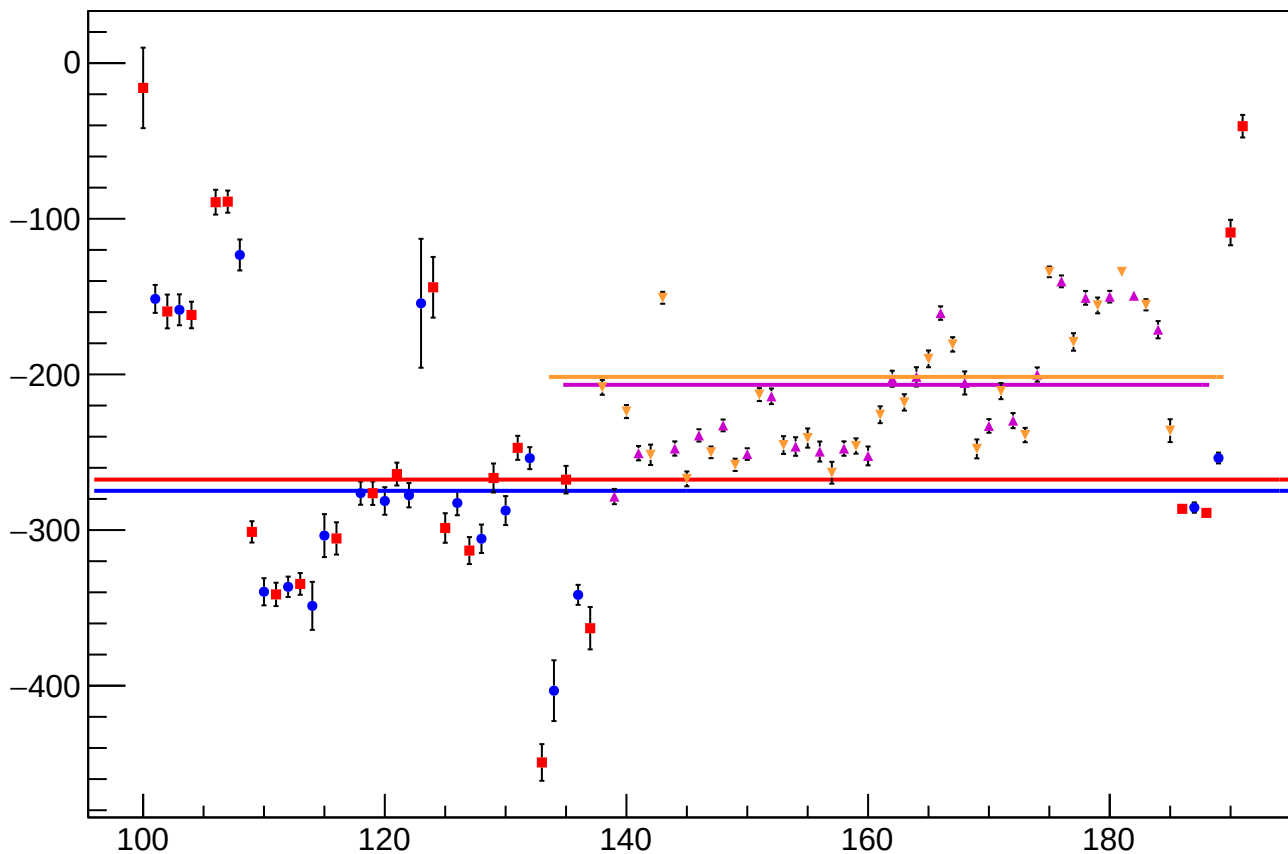
Left In: 6.151 $\pm$ 0.730 χ^2 /NDF: 410.6/22

+ sign 7.793 $\pm$ 0.586 χ^2 /NDF: 1114.3/43

All: 6.651 $\pm$ 0.414 χ^2 /NDF: 2275.4/89

- sign 5.509 $\pm$ 0.586 χ^2 /NDF: 1153.5/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -274.790 ± 1.610 $\chi^2/\text{NDF}: 960.5/18$

Left Out: -201.610 ± 0.922 $\chi^2/\text{NDF}: 2462.4/24$

Right Out: -267.566 ± 1.153 $\chi^2/\text{NDF}: 3639.6/22$

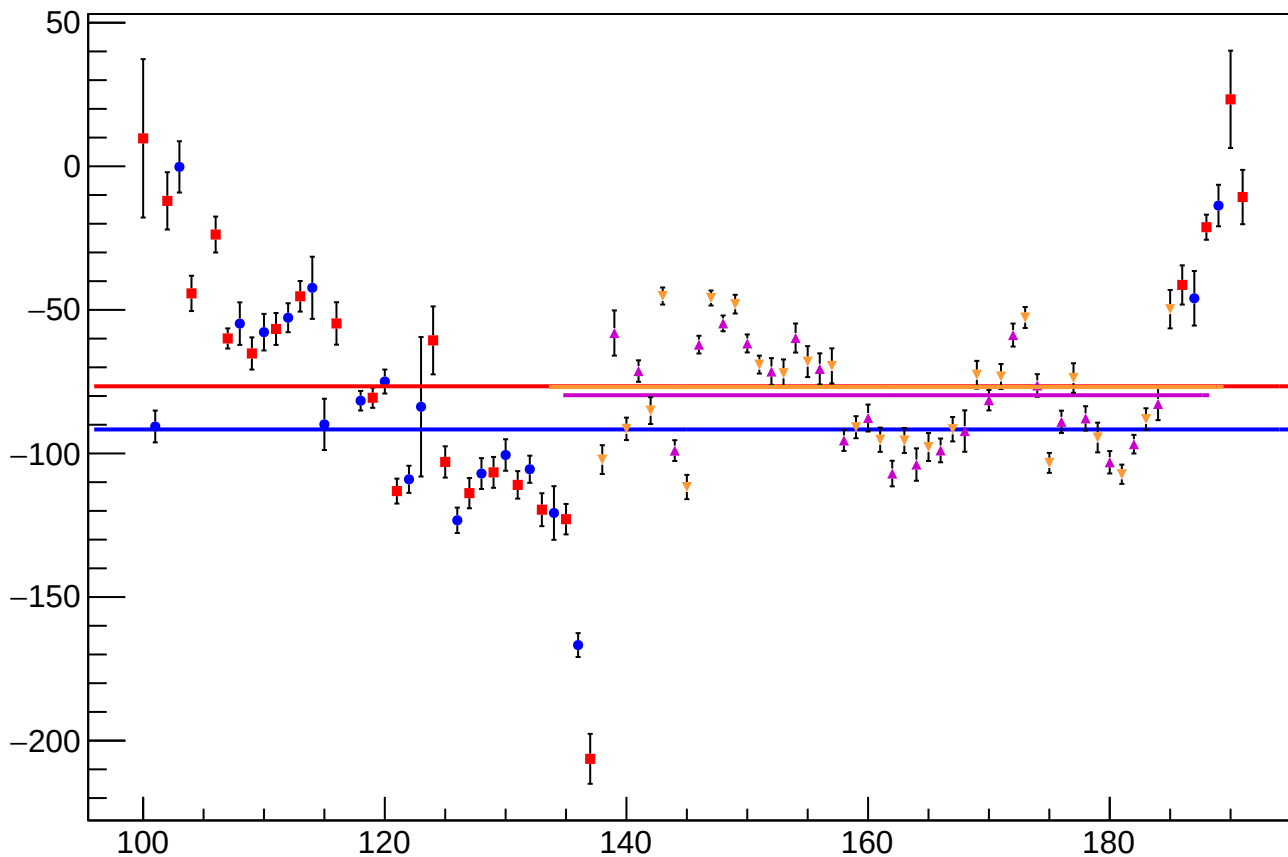
Left In: -206.700 ± 0.946 $\chi^2/\text{NDF}: 2134.9/22$

+ sign -219.698 ± 0.800 $\chi^2/\text{NDF}: 4978.5/43$

All: -225.960 ± 0.540 $\chi^2/\text{NDF}: 12530.6/89$

- sign -231.189 ± 0.731 $\chi^2/\text{NDF}: 7439.8/45$

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: -76.605 ± 1.179 χ^2/NDF : 1089.5/22

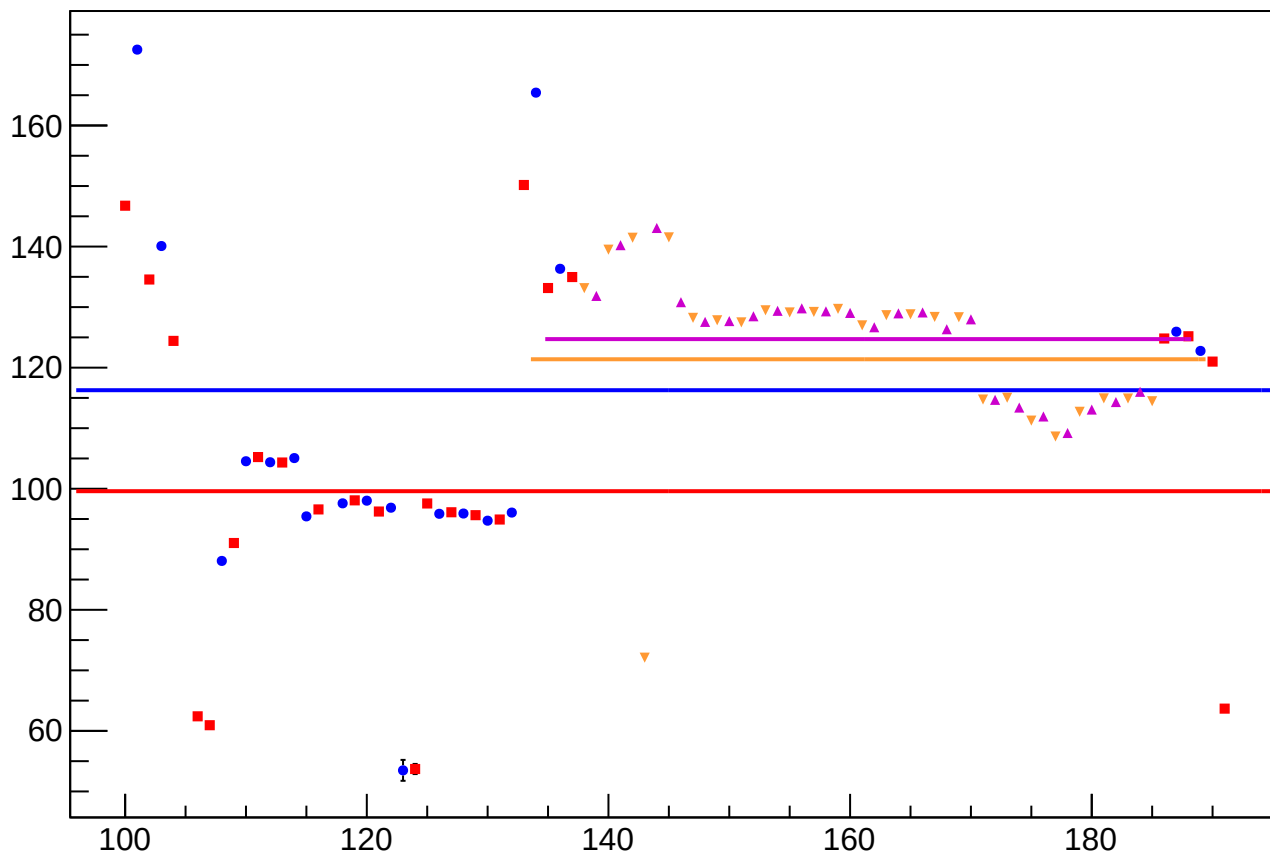
Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

+ sign -80.990 ± 0.681 χ^2/NDF : 1674.9/43

All: -79.835 ± 0.482 χ^2/NDF : 3190.0/89

- sign -78.674 ± 0.683 χ^2/NDF : 1509.3/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 116.275+/-0.075 χ^2/NDF : 107132.6/18

Left Out: 121.385+/-0.038 χ^2/NDF :164871.1/24

Right Out: 99.595+/-0.063 χ^2/NDF : 209070.8/22

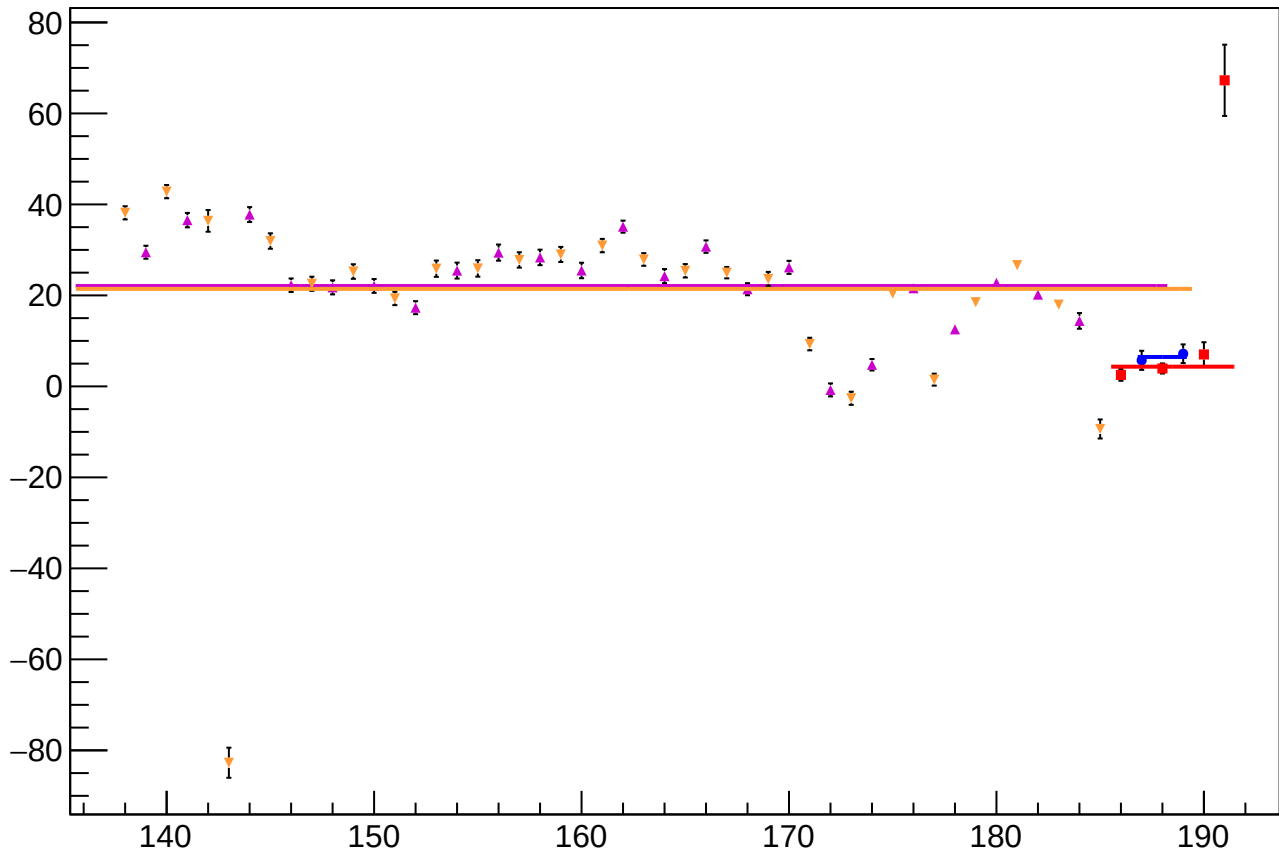
Left In: 124.714+/-0.039 χ^2/NDF :51750.7/22

+ sign 120.335+/-0.034 χ^2/NDF : 275670.4/43

All: 118.977+/-0.024 χ^2/NDF : 655078.3/89

- sign 117.692+/-0.033 χ^2/NDF : 376321.6/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 6.464 ± 1.469 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 21.435 ± 0.283 $\chi^2/\text{NDF}: 2406.2/24$

Right Out: 4.334 ± 0.801 $\chi^2/\text{NDF}: 67.6/3$

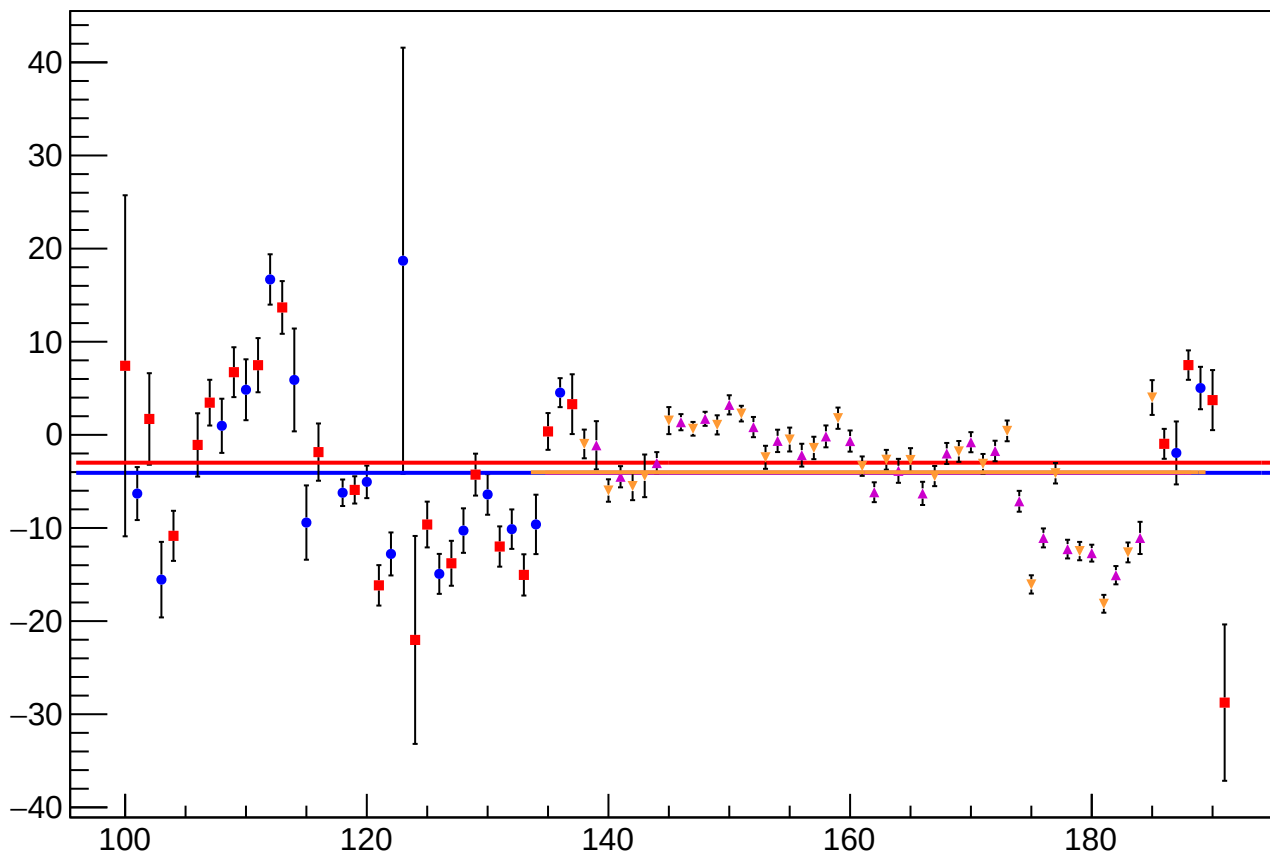
Left In: 22.055 ± 0.284 $\chi^2/\text{NDF}: 941.3/22$

+ sign 20.901 ± 0.278 $\chi^2/\text{NDF}: 2506.6/26$

All: 20.473 ± 0.193 $\chi^2/\text{NDF}: 3954.6/53$

- sign 20.074 ± 0.268 $\chi^2/\text{NDF}: 1443.4/26$

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.078 ± 0.554 $\chi^2/\text{NDF}: 192.5/18$

Left Out: -4.015 ± 0.223 $\chi^2/\text{NDF}: 731.7/24$

Right Out: -2.989 ± 0.512 $\chi^2/\text{NDF}: 262.3/22$

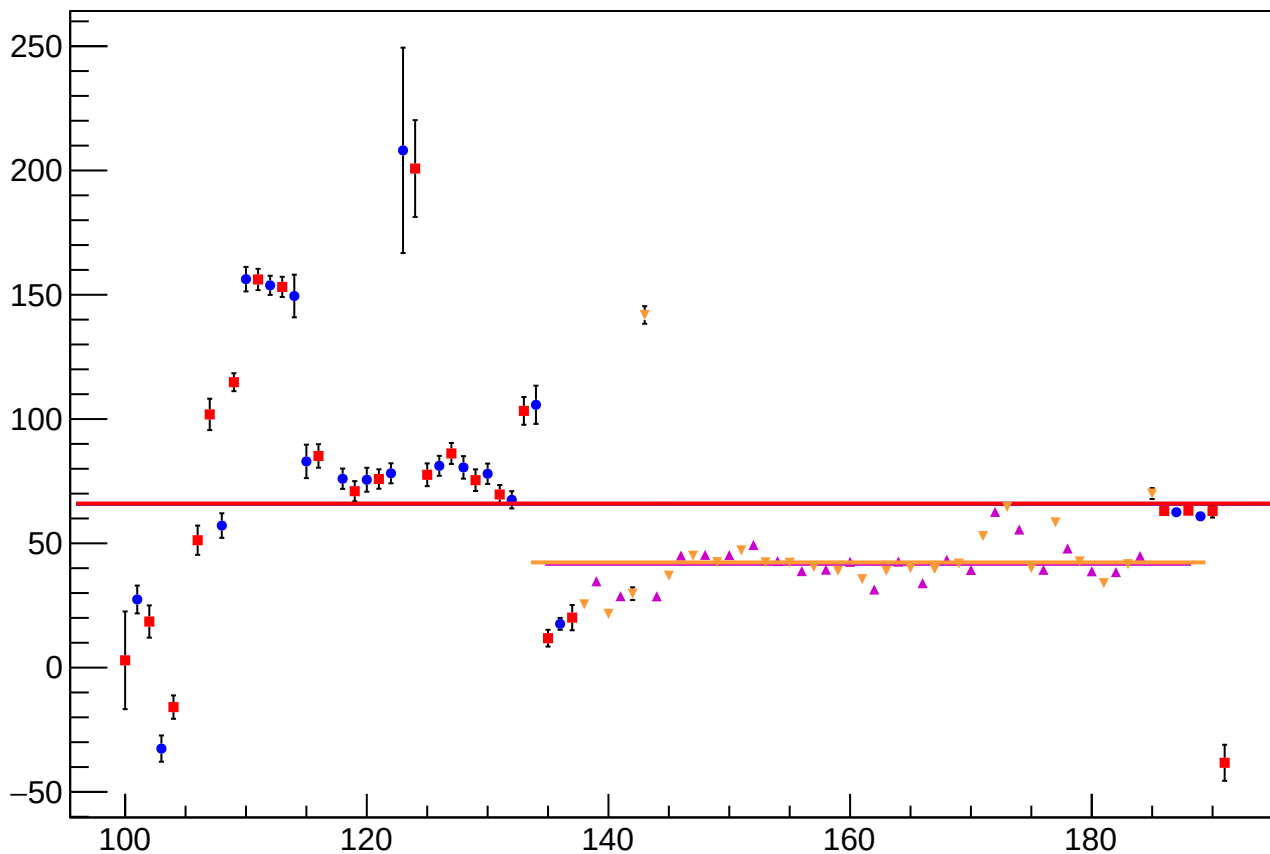
Left In: -4.069 ± 0.227 $\chi^2/\text{NDF}: 580.1/22$

+ sign -4.024 ± 0.207 $\chi^2/\text{NDF}: 924.2/43$

All: -3.958 ± 0.147 $\chi^2/\text{NDF}: 1770.4/89$

- sign -3.891 ± 0.208 $\chi^2/\text{NDF}: 846.0/45$

reg_asym_atl_dd_atr_dd_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: 65.973+/-0.559 χ^2 /NDF: 2206.8/22

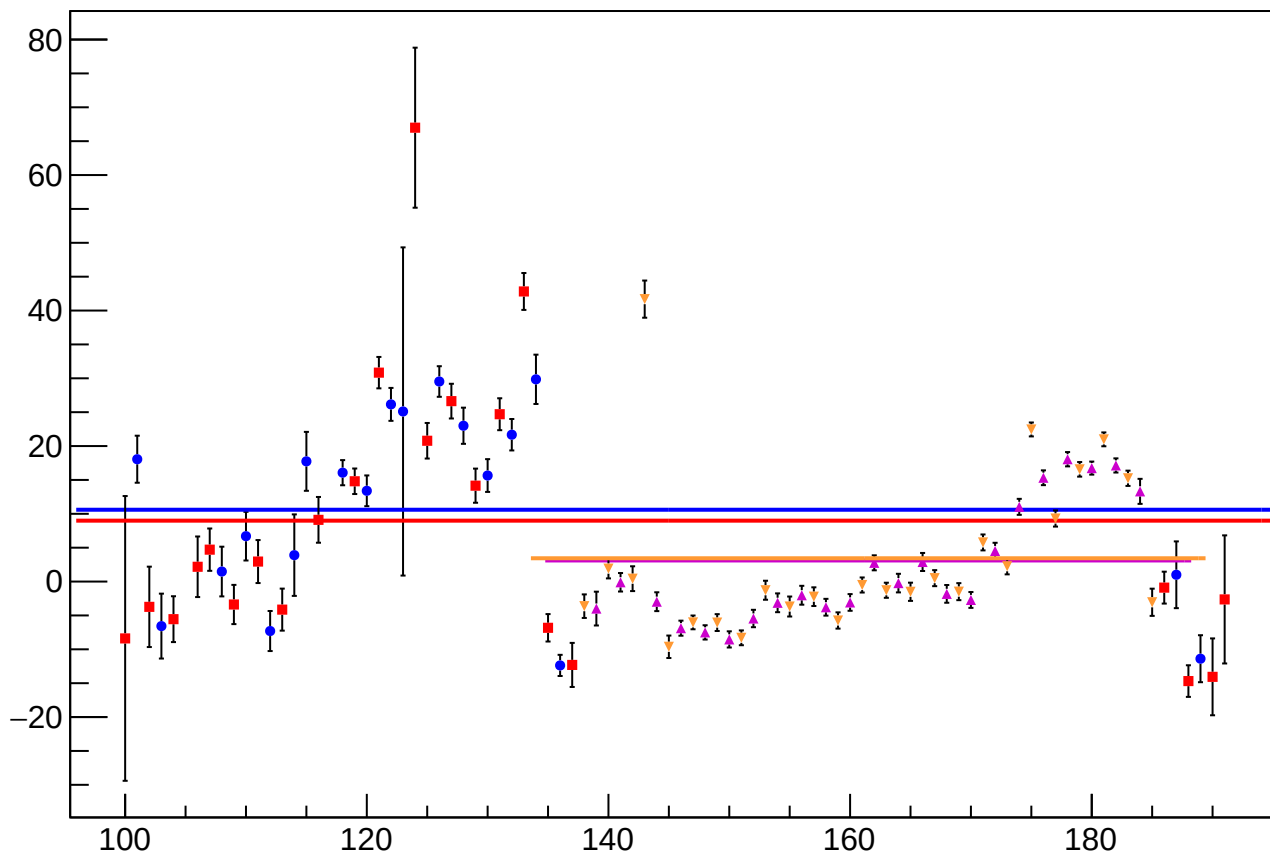
Left In: 41.755+/-0.283 χ^2 /NDF:659.6/22

+ sign 44.859+/-0.266 χ^2 /NDF: 4475.2/43

All: 45.828+/-0.183 χ^2 /NDF: 8861.5/89

- sign 46.699+/-0.252 χ^2 /NDF: 4361.2/45

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 10.602 $\pm$ 0.641 χ^2 /NDF: 524.4/18

Left Out: 3.439 $\pm$ 0.252 χ^2 /NDF:1647.7/24

Right Out: 8.990 $\pm$ 0.612 χ^2 /NDF: 703.4/22

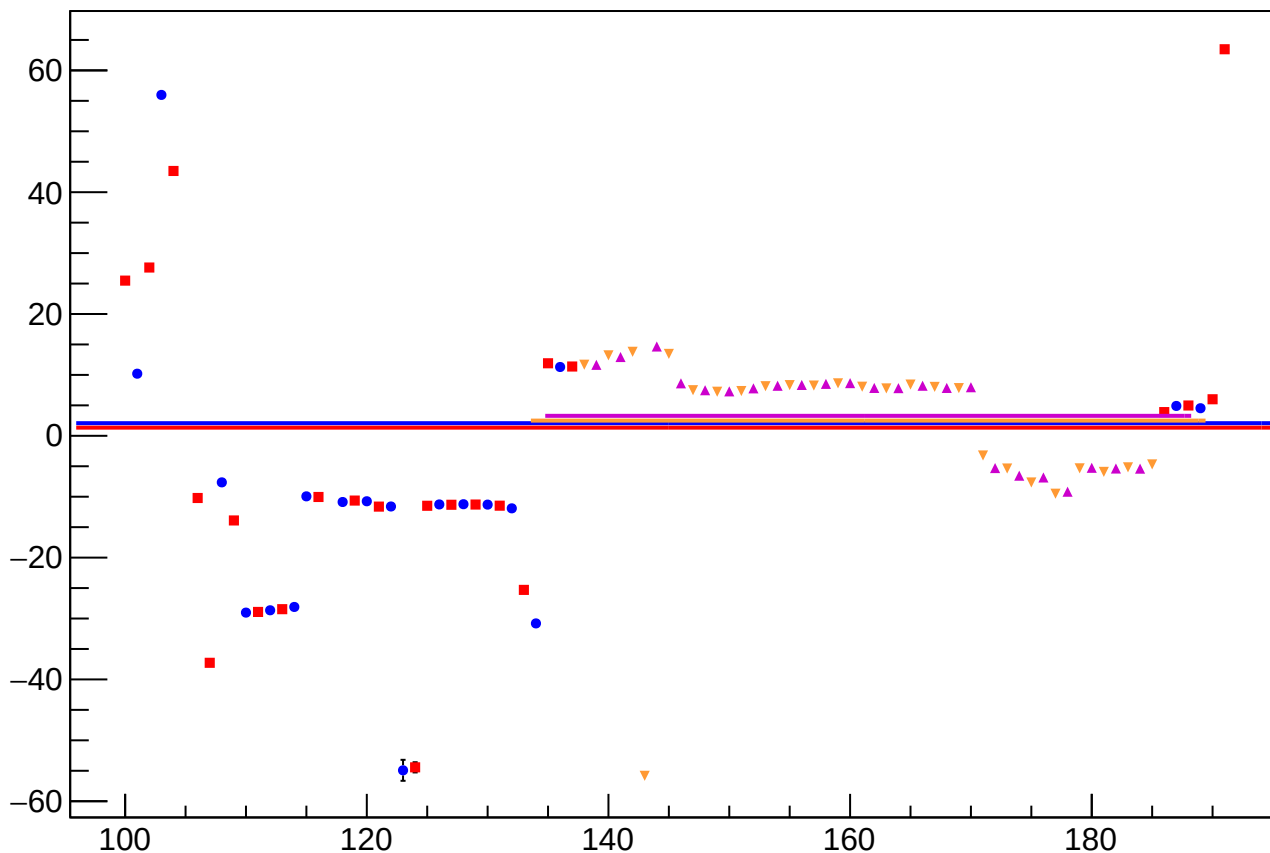
Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

+ sign 4.401 $\pm$ 0.235 χ^2 /NDF: 2280.1/43

All: 4.197 $\pm$ 0.167 χ^2 /NDF: 4336.5/89

- sign 3.991 $\pm$ 0.236 χ^2 /NDF: 2054.9/45

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 2.073 ± 0.036 χ^2/NDF : 359853.4/18

Left Out: 2.497 ± 0.012 χ^2/NDF : 588138.5/24

Right Out: 1.343 ± 0.034 χ^2/NDF : 423990.9/22

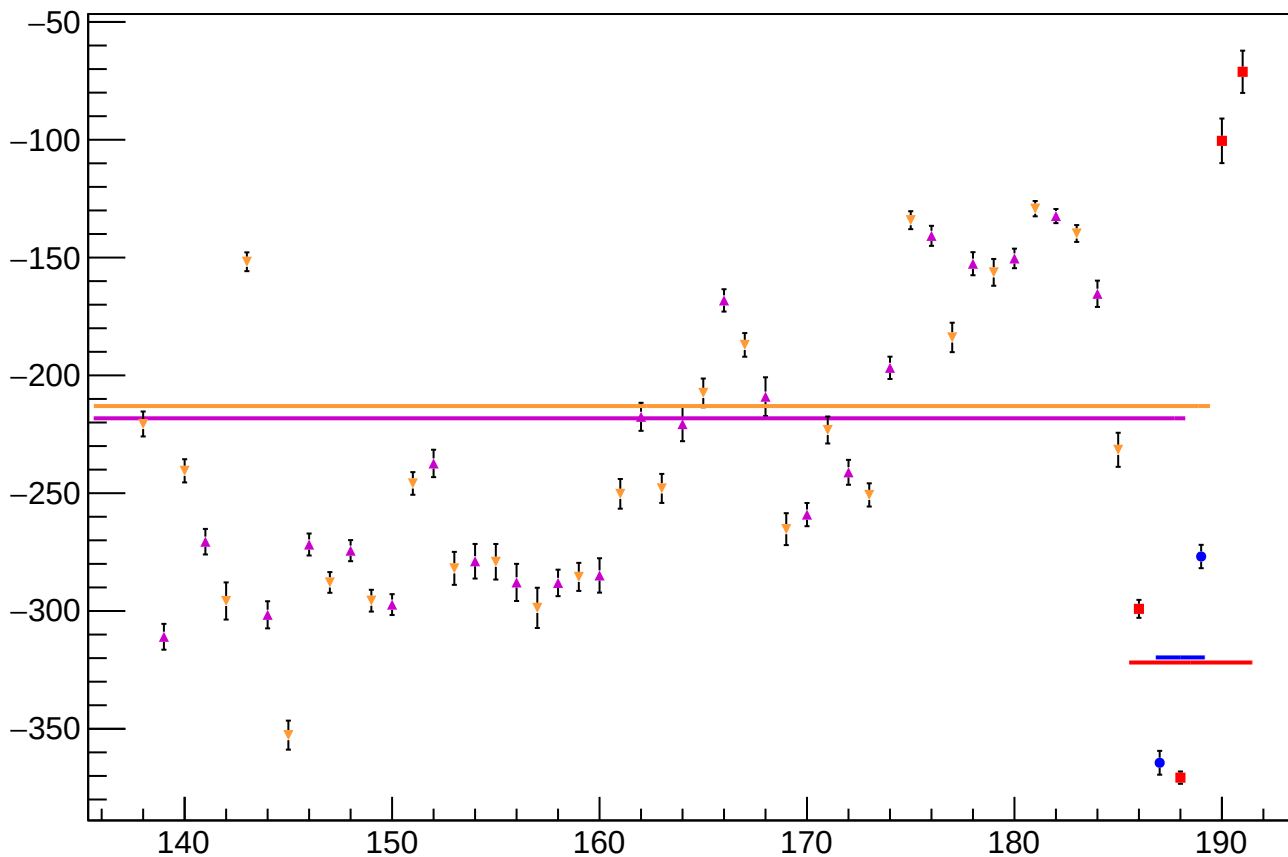
Left In: 3.281 ± 0.012 χ^2/NDF : 409605.3/22

+ sign 2.456 ± 0.011 χ^2/NDF : 948120.5/43

All: 2.766 ± 0.008 χ^2/NDF : 1786282.4/89

- sign 3.074 ± 0.011 χ^2/NDF : 836579.7/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -319.705+/-3.541 χ^2/NDF : 152.8/1

Left Out: -213.020+/-1.035 χ^2/NDF : 3826.2/24

Right Out: -321.861+/-2.045 χ^2/NDF : 1715.0/3

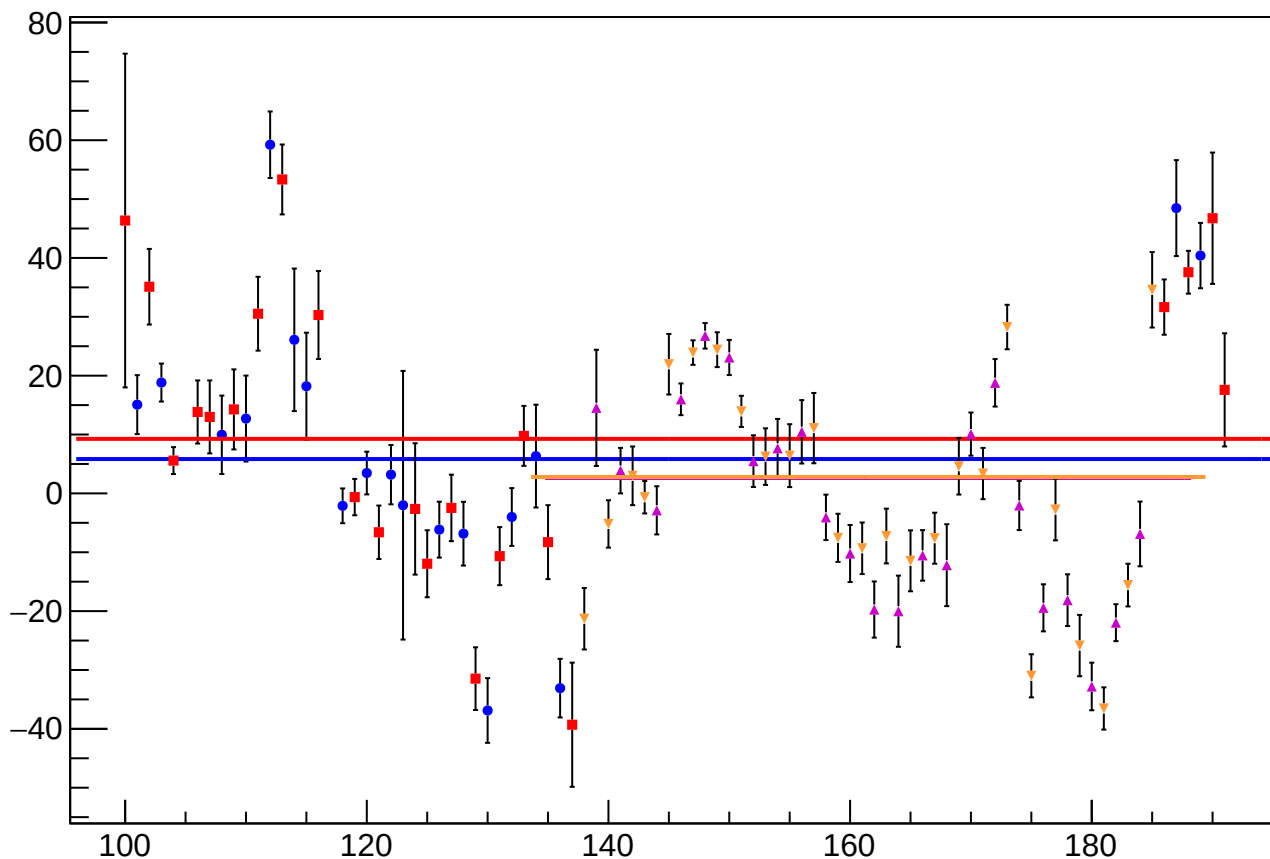
Left In: -218.216+/-1.063 χ^2/NDF : 3499.0/22

+ sign -221.425+/-0.994 χ^2/NDF : 4815.4/26

All: -231.332+/-0.684 χ^2/NDF : 12240.1/53

- sign -240.253+/-0.943 χ^2/NDF : 7235.9/26

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: 9.266 ± 1.064 $\chi^2/\text{NDF}: 337.6/22$

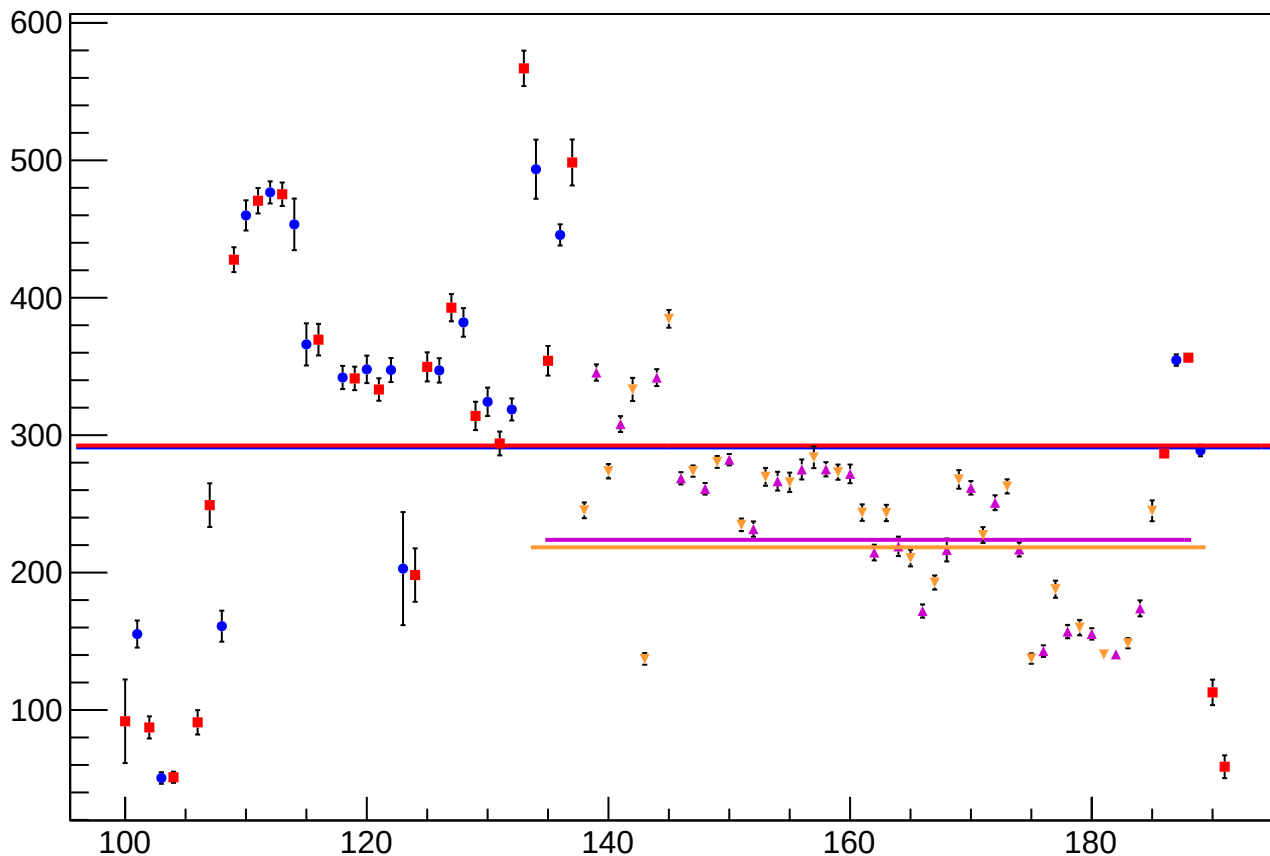
Left In: 2.619 ± 0.821 $\chi^2/\text{NDF}: 477.6/22$

+ sign 3.709 ± 0.651 $\chi^2/\text{NDF}: 913.1/43$

All: 4.405 ± 0.460 $\chi^2/\text{NDF}: 1755.1/89$

- sign 5.098 ± 0.650 $\chi^2/\text{NDF}: 839.7/45$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 291.094 $\pm$ 1.758 χ^2 /NDF: 5406.0/18

Left Out: 218.389 $\pm$ 1.038 χ^2 /NDF: 3696.7/24

Right Out: 292.445 $\pm$ 1.300 χ^2 /NDF: 8847.3/22

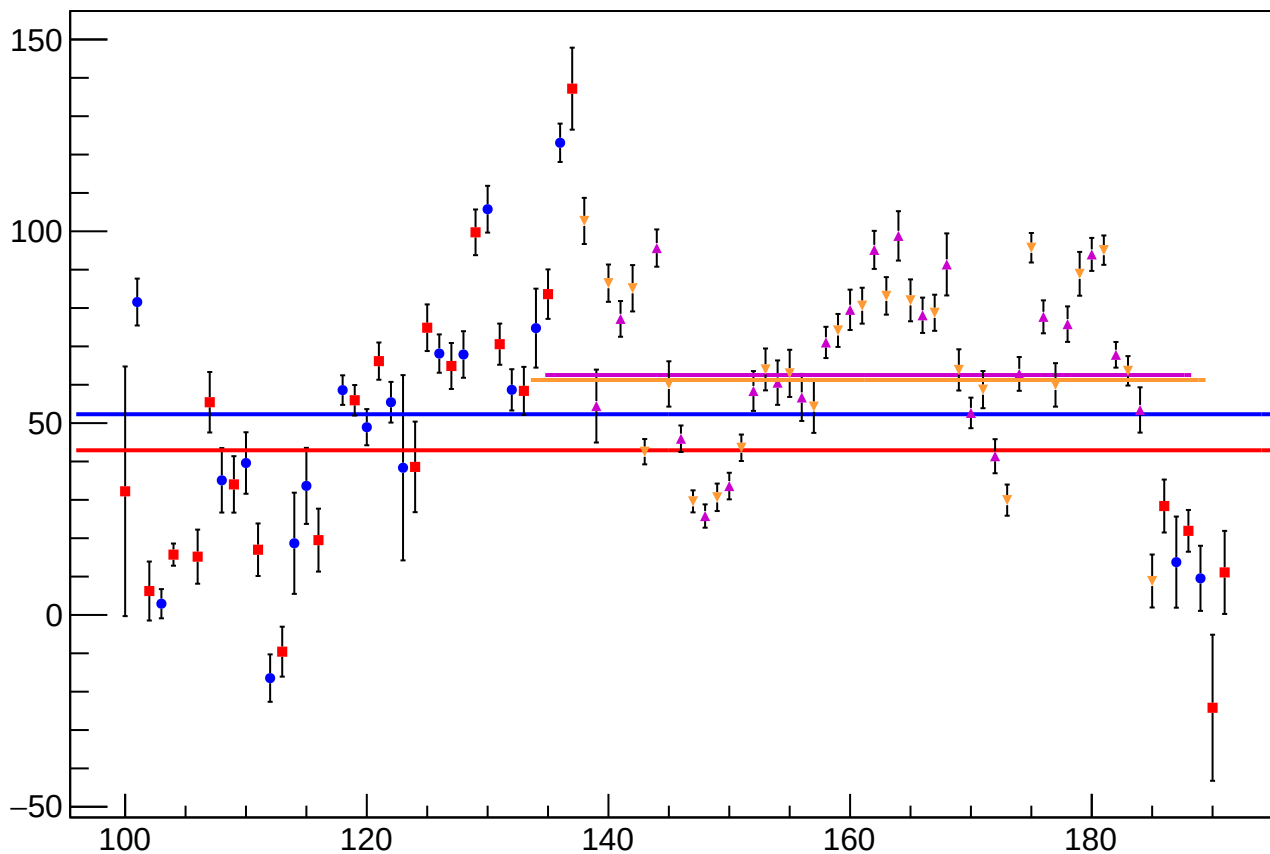
Left In: 223.827 $\pm$ 1.058 χ^2 /NDF: 3444.7/22

+ sign 237.177 $\pm$ 0.894 χ^2 /NDF: 10371.1/43

All: 244.780 $\pm$ 0.604 χ^2 /NDF: 24472.7/89

- sign 251.192 $\pm$ 0.821 χ^2 /NDF: 13968.1/45

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: 42.920 $\pm$ 1.283 χ^2/NDF : 575.2/22

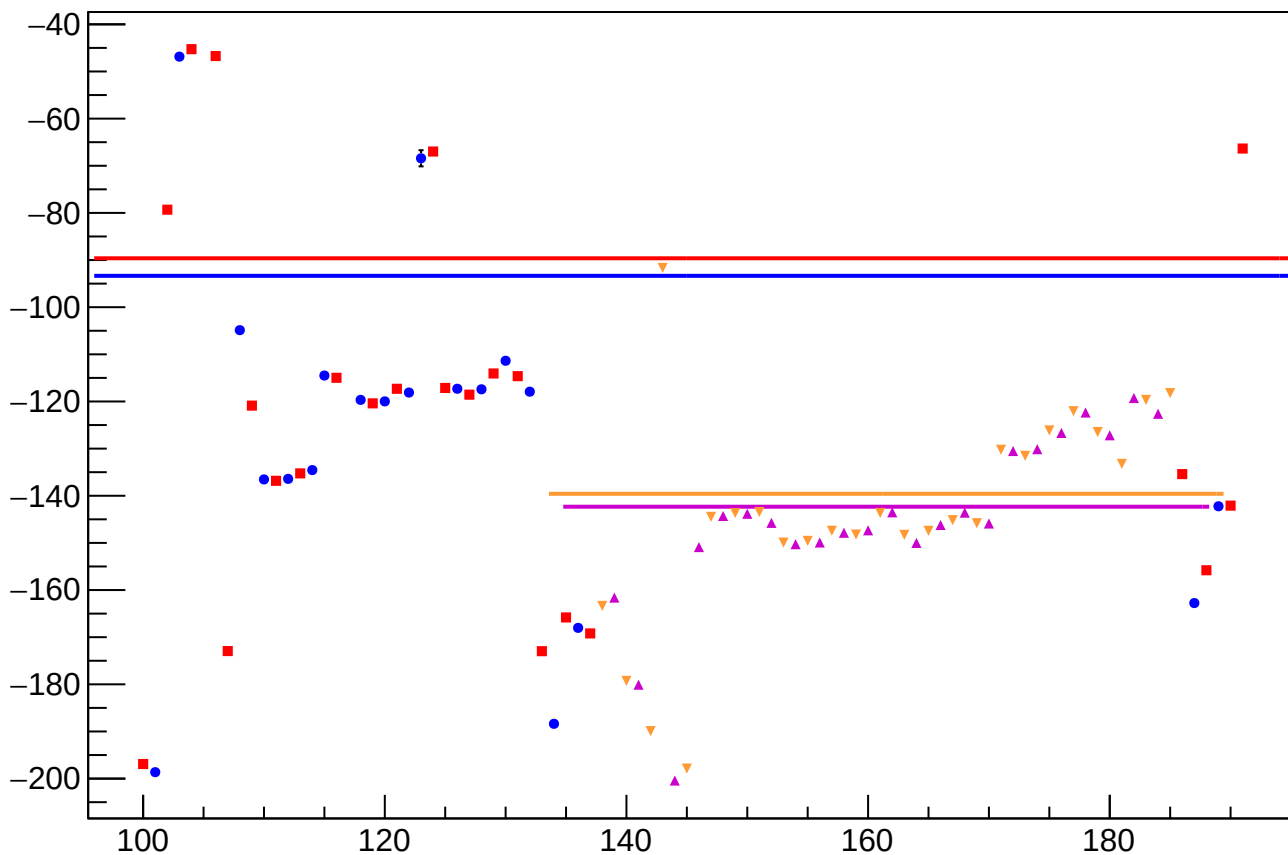
Left In: 62.538 $\pm$ 0.940 χ^2/NDF : 520.0/22

+ sign 58.596 $\pm$ 0.757 χ^2/NDF : 1419.6/43

All: 57.142 $\pm$ 0.536 χ^2/NDF : 2674.3/89

- sign 55.684 $\pm$ 0.758 χ^2/NDF : 1247.2/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -93.350 ± 0.066 $\chi^2/\text{NDF}: 563336.7/18$

Left Out: -139.585 ± 0.043 $\chi^2/\text{NDF}: 243895.1/24$

Right Out: -89.627 ± 0.061 $\chi^2/\text{NDF}: 577035.6/22$

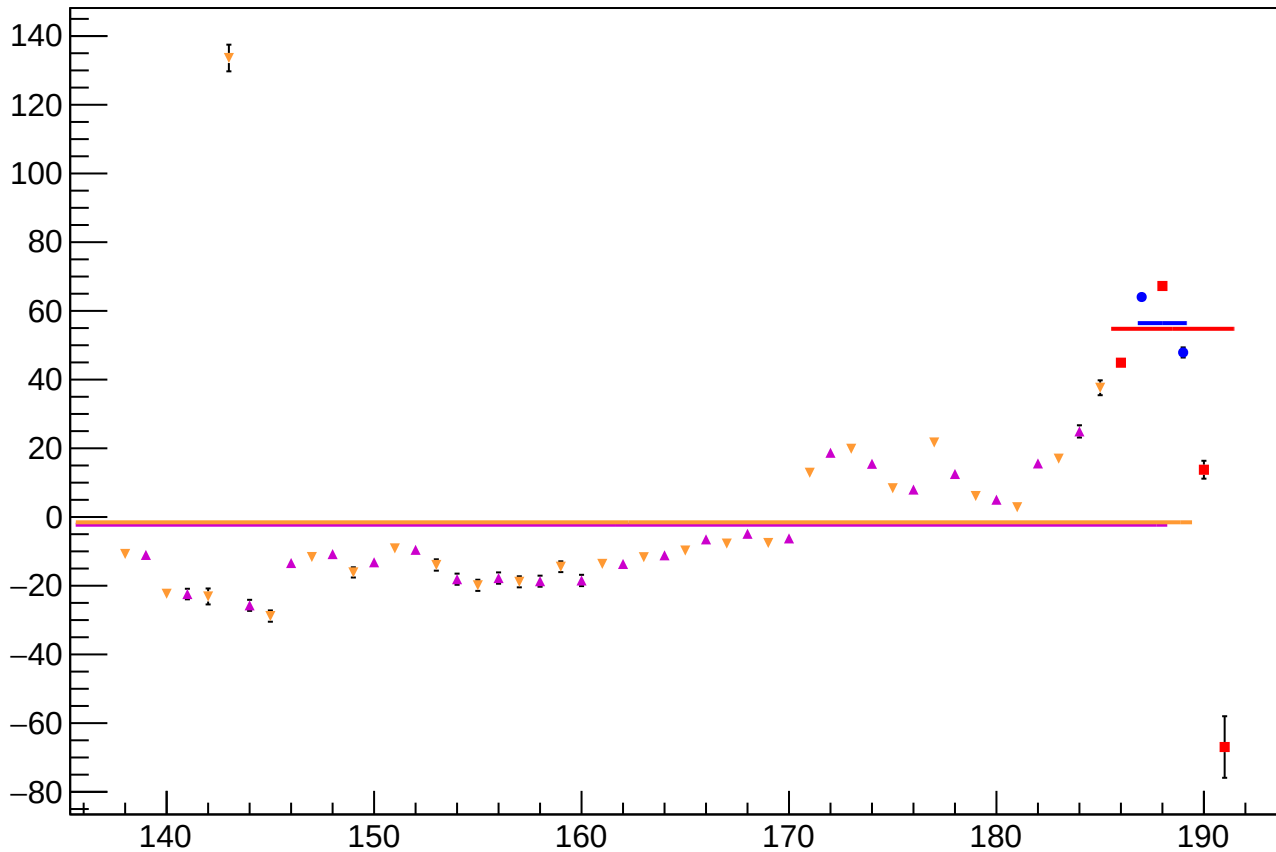
Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

+ sign -125.805 ± 0.036 $\chi^2/\text{NDF}: 1150214.8/43$

All: -125.098 ± 0.025 $\chi^2/\text{NDF}: 2362485.5/89$

- sign -124.407 ± 0.036 $\chi^2/\text{NDF}: 1211512.2/45$

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: 54.788+/-0.562 χ^2/NDF : 822.2/3

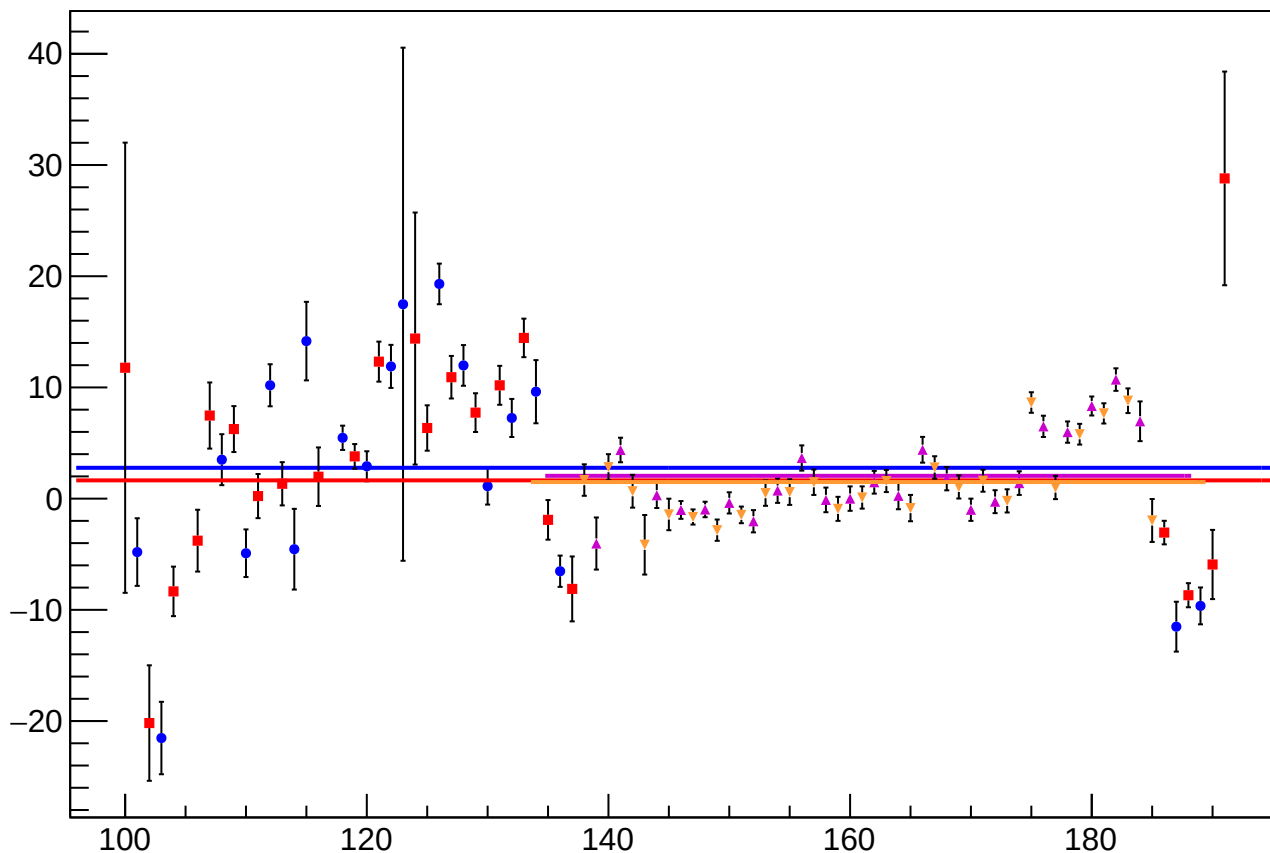
Left In: -2.244+/-0.270 χ^2/NDF : 2561.6/22

+ sign 2.244+/-0.259 χ^2/NDF : 7253.5/26

All: 5.525+/-0.177 χ^2/NDF : 19309.0/53

- sign 8.417+/-0.243 χ^2/NDF : 11753.2/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 2.773 $\pm$ 0.438 χ^2 /NDF: 394.9/18

Left Out: 1.492 $\pm$ 0.210 χ^2 /NDF: 258.3/24

Right Out: 1.642 $\pm$ 0.398 χ^2 /NDF: 350.5/22

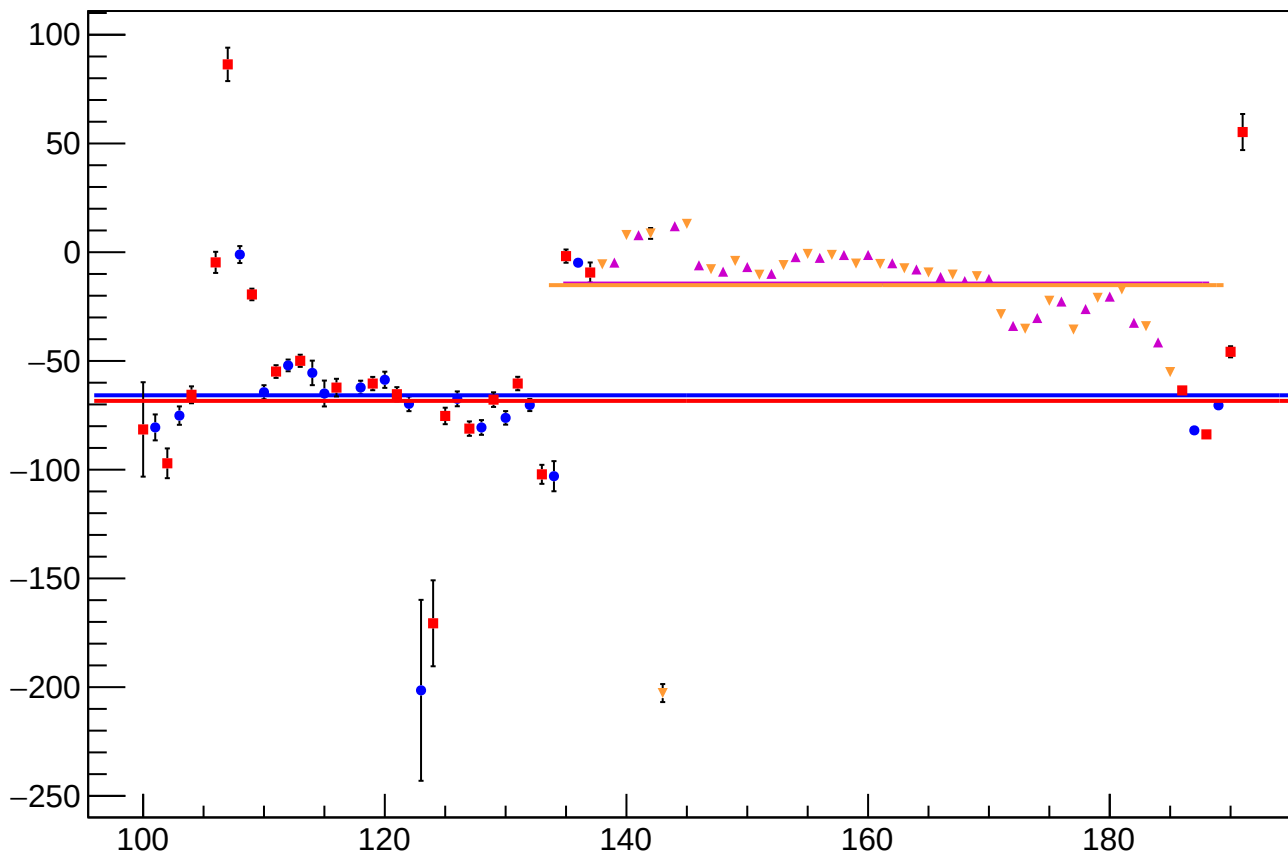
Left In: 2.051 $\pm$ 0.215 χ^2 /NDF: 275.4/22

+ sign 1.732 $\pm$ 0.190 χ^2 /NDF: 660.2/43

All: 1.846 $\pm$ 0.134 χ^2 /NDF: 1287.7/89

- sign 1.959 $\pm$ 0.189 χ^2 /NDF: 626.7/45

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: -68.363 ± 0.402 χ^2/NDF : 2721.9/22

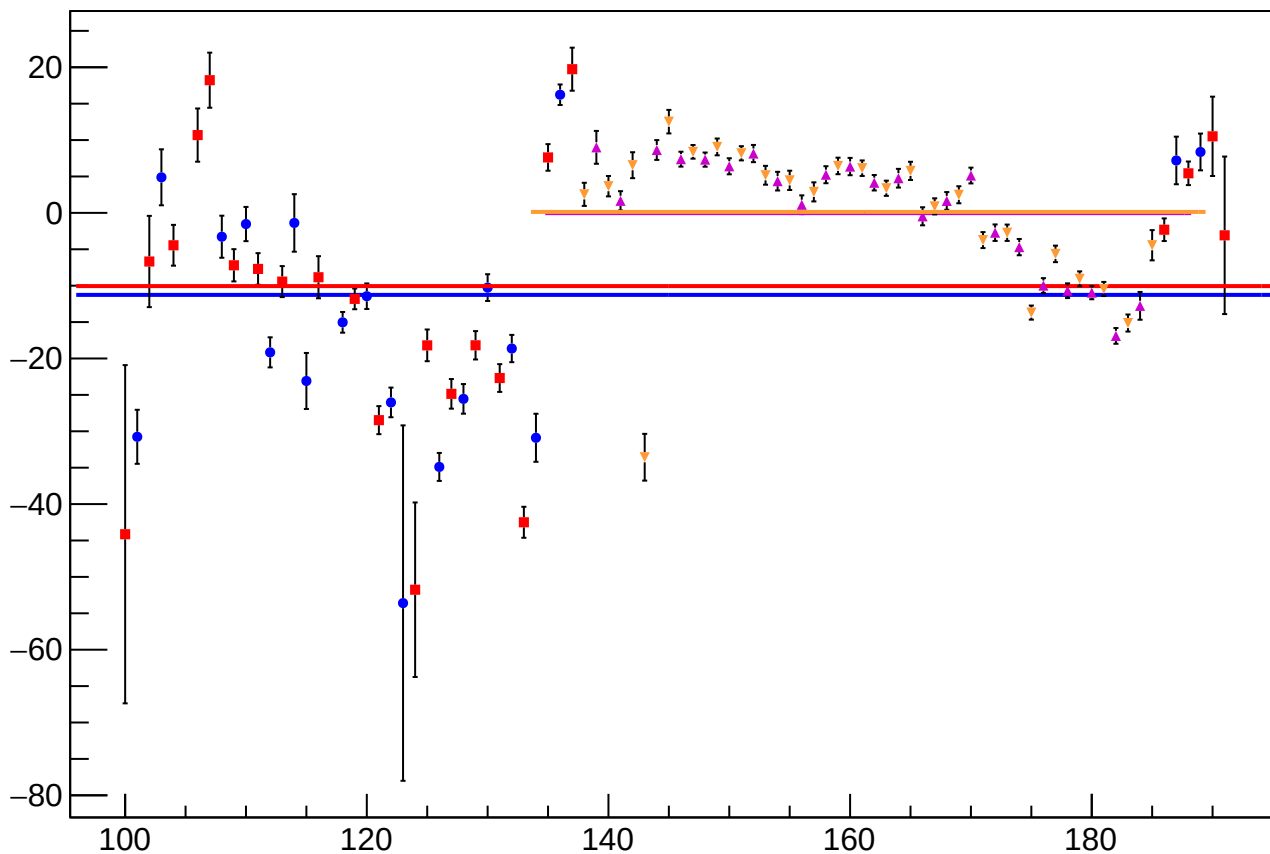
Left In: -14.415 ± 0.268 χ^2/NDF : 2065.7/22

+ sign -23.462 ± 0.244 χ^2/NDF : 11772.4/43

All: -27.589 ± 0.165 χ^2/NDF : 29563.8/89

- sign -31.036 ± 0.223 χ^2/NDF : 17266.2/45

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: -10.056 ± 0.483 χ^2/NDF : 889.3/22

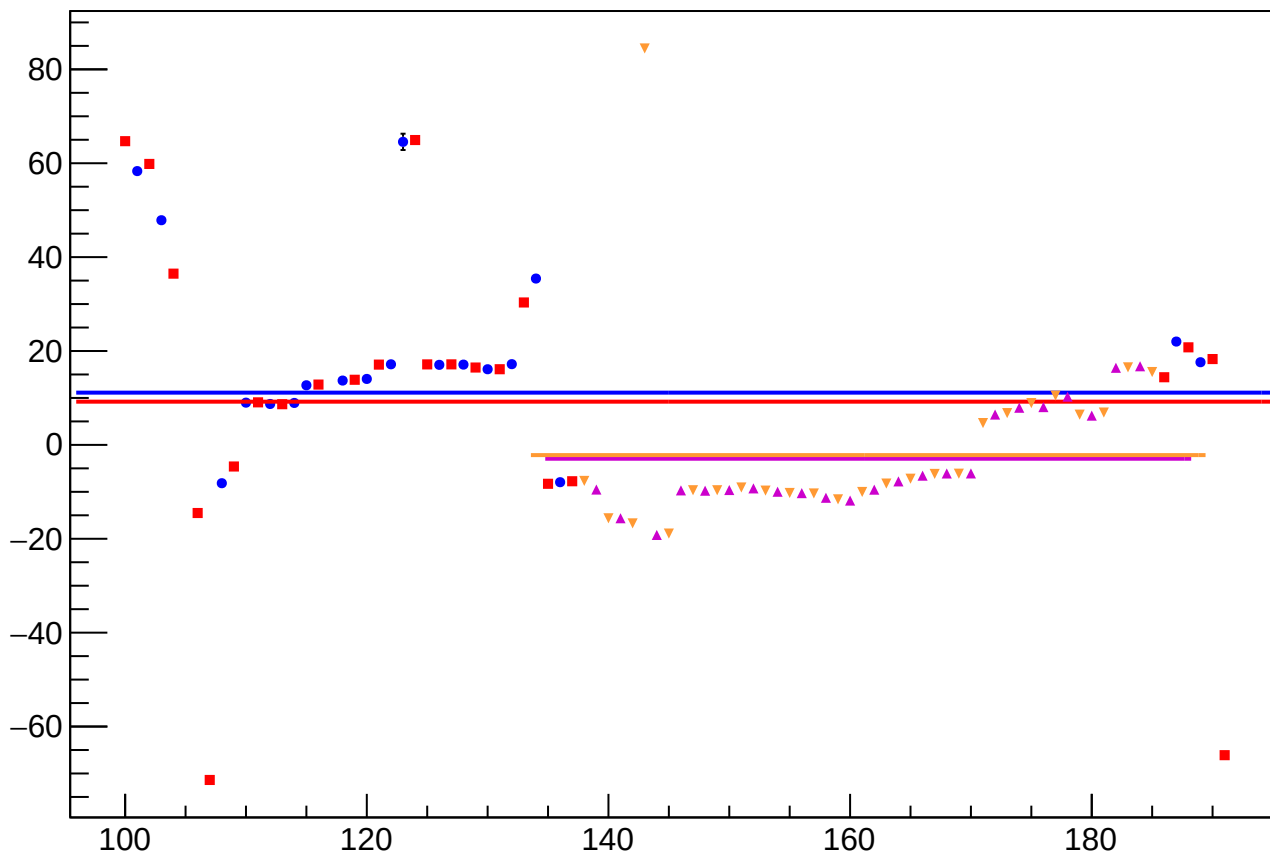
Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

+ sign -1.894 ± 0.216 χ^2/NDF : 2440.7/43

All: -1.973 ± 0.153 χ^2/NDF : 4701.9/89

- sign -2.053 ± 0.217 χ^2/NDF : 2260.9/45

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: 9.208+/-0.028 χ^2/NDF : 636045.4/22

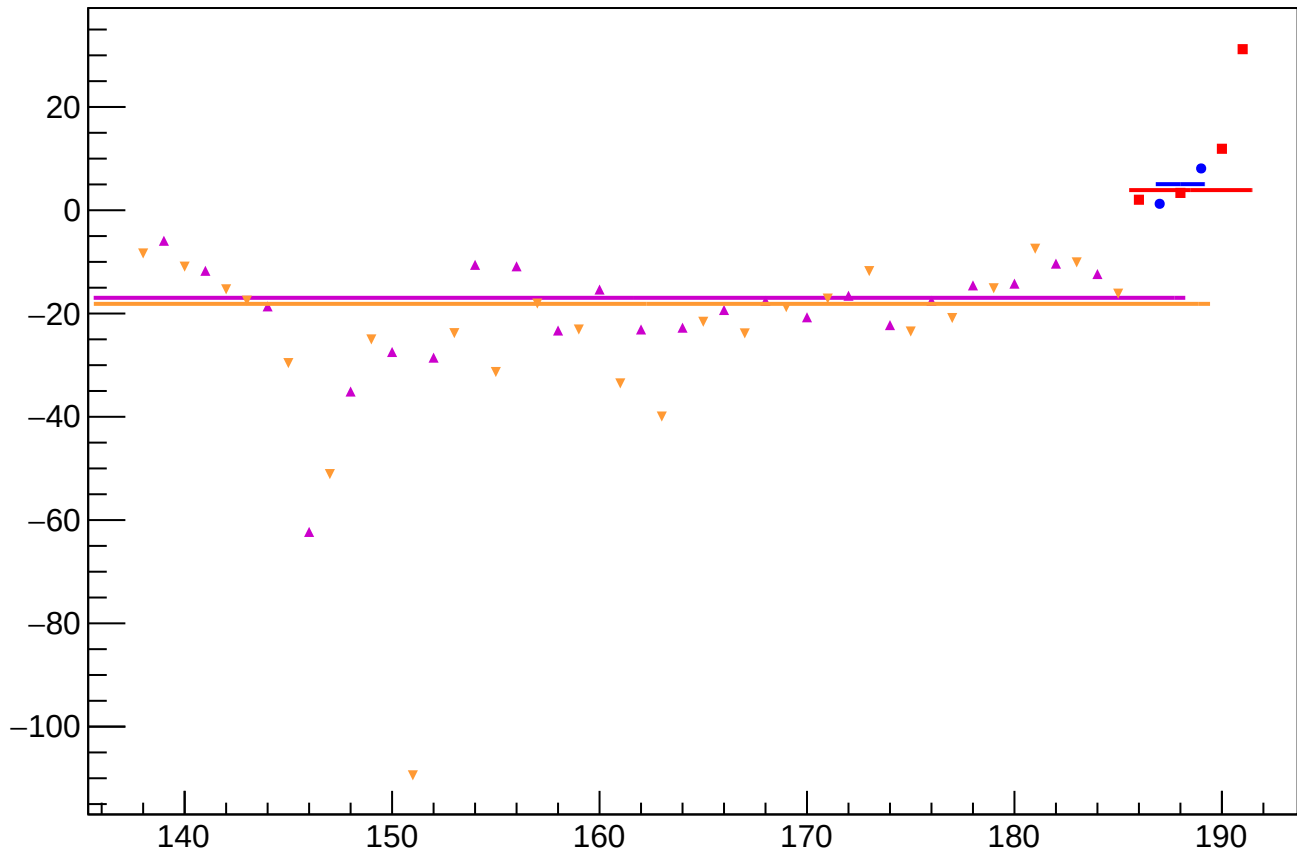
Left In: -2.949+/-0.011 χ^2/NDF : 770702.4/22

+ sign -0.534+/-0.010 χ^2/NDF : 1618833.0/43

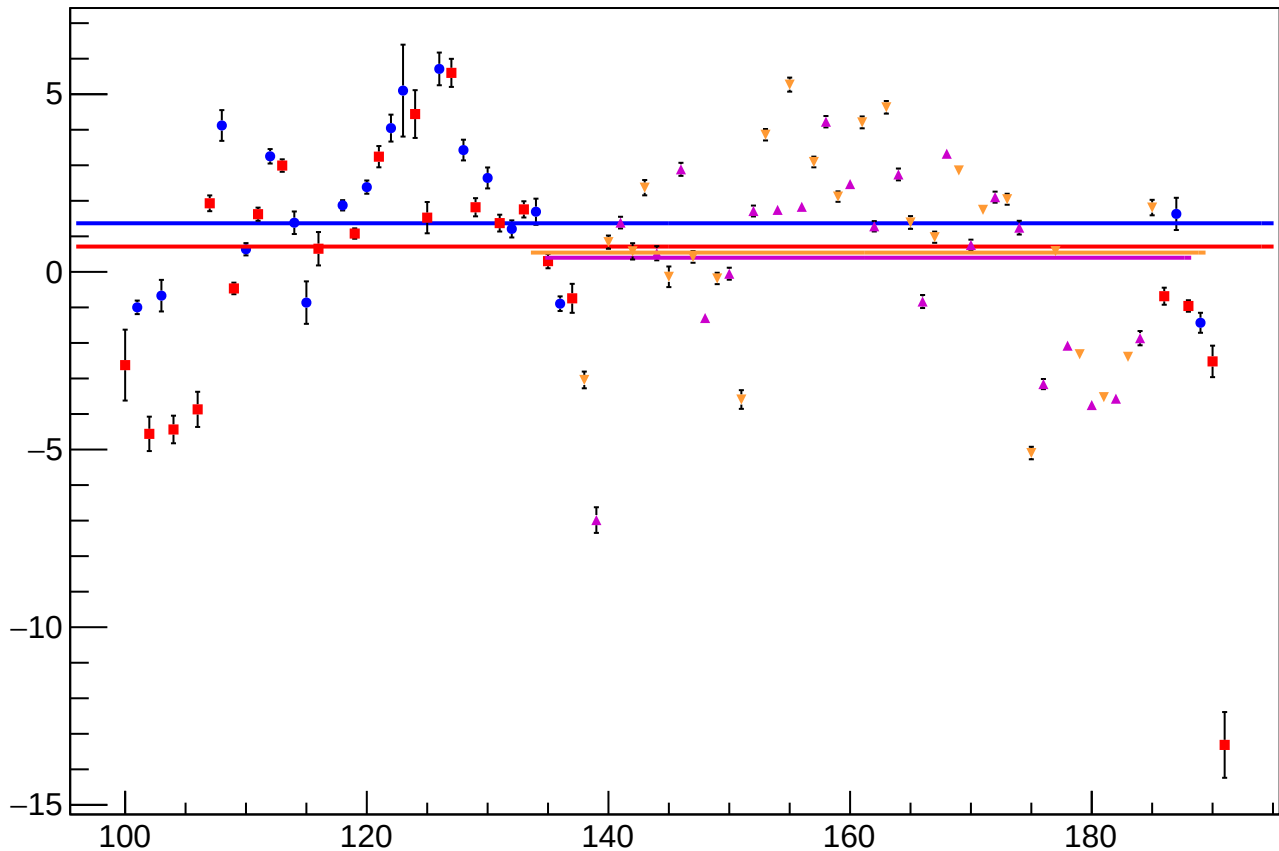
All: -0.928+/-0.007 χ^2/NDF : 3193826.5/89

- sign -1.318+/-0.010 χ^2/NDF : 1572043.8/45

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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: 0.713 ± 0.053 χ^2/NDF : 1420.0/22

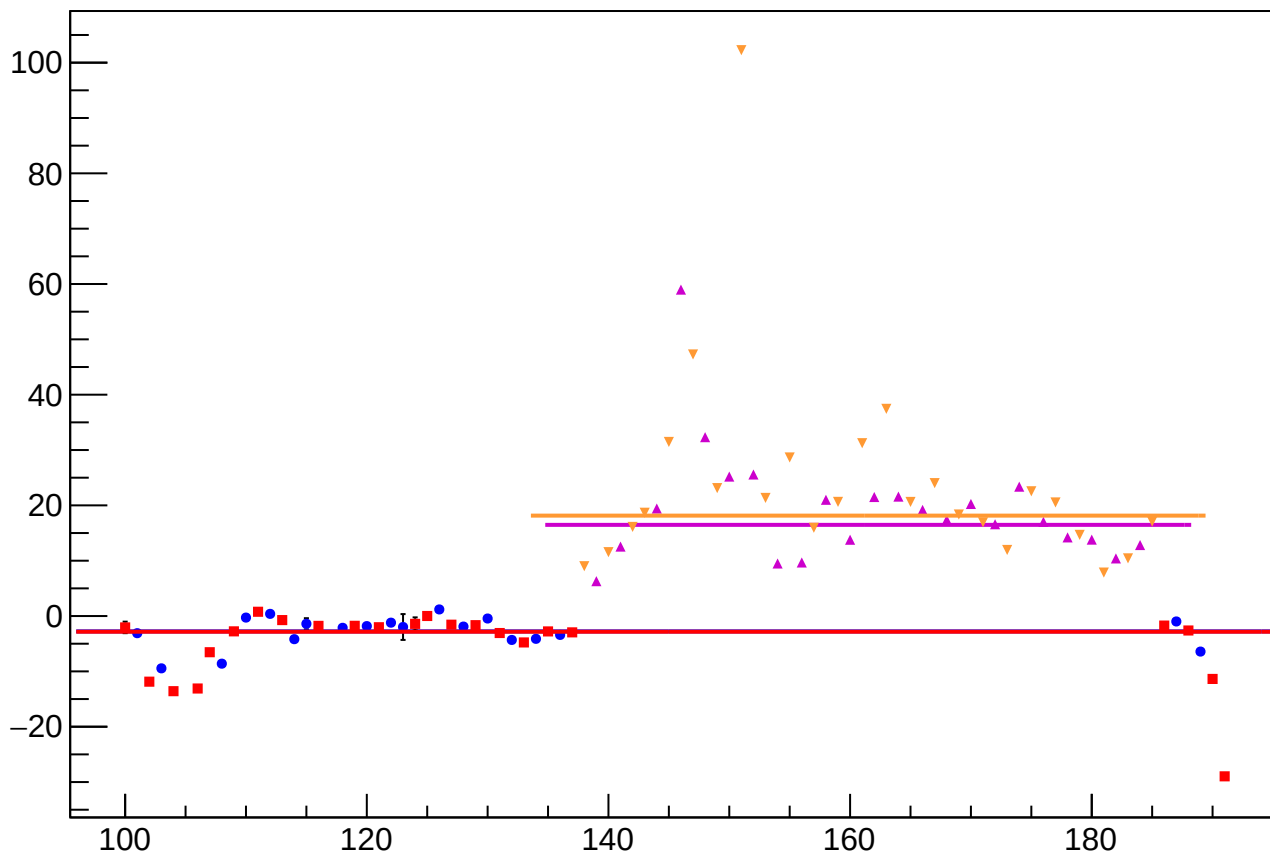
Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

+ sign 0.733 ± 0.028 χ^2/NDF : 8029.6/43

All: 0.596 ± 0.019 χ^2/NDF : 15805.8/89

- sign 0.477 ± 0.027 χ^2/NDF : 7732.7/45

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: -2.829 ± 0.060 χ^2/NDF : 2571.6/22

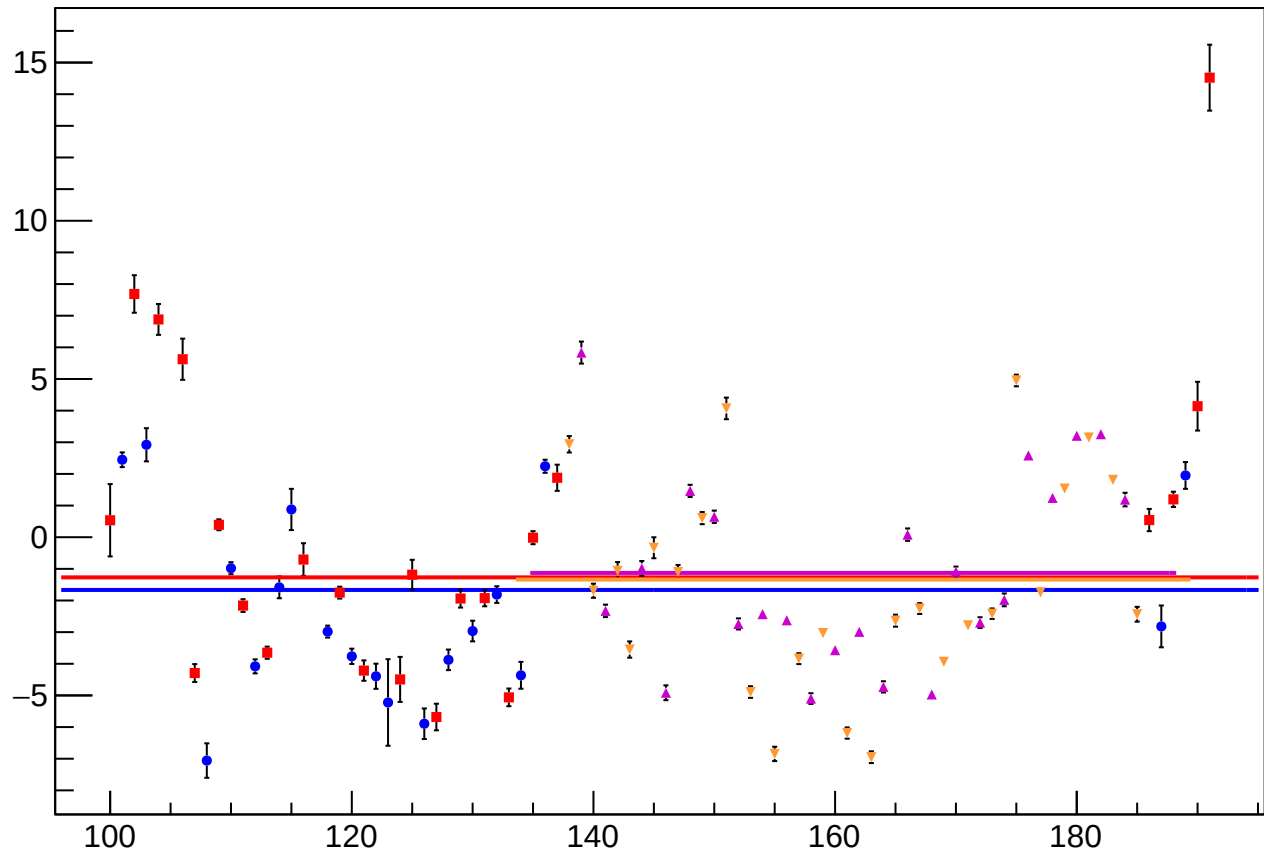
Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

+ sign 14.843 ± 0.036 χ^2/NDF : 123771.9/43

All: 12.698 ± 0.024 χ^2/NDF : 248605.6/89

- sign 11.010 ± 0.032 χ^2/NDF : 118457.3/45

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: -1.269 ± 0.062 $\chi^2/\text{NDF}: 1925.1/22$

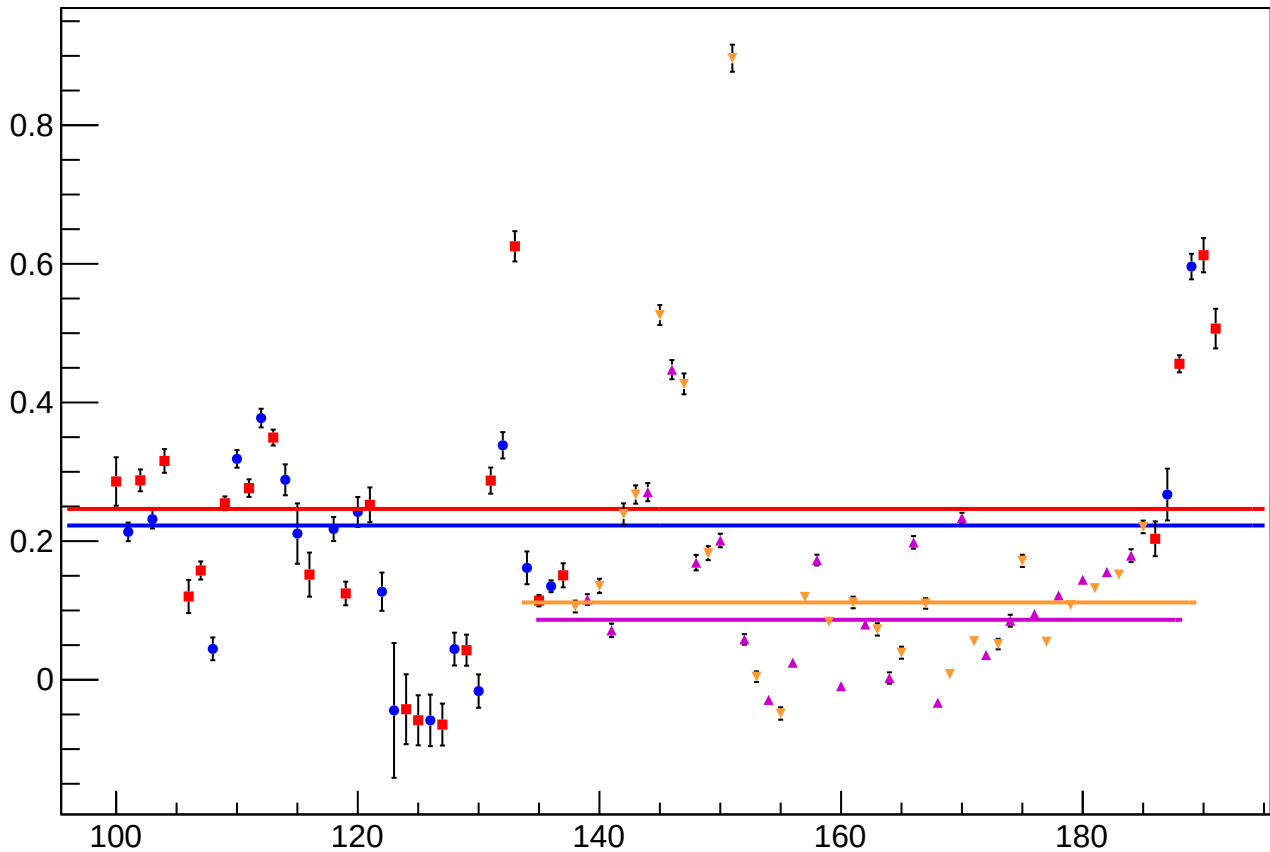
Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

+ sign -1.408 ± 0.032 $\chi^2/\text{NDF}: 9361.4/43$

All: -1.276 ± 0.022 $\chi^2/\text{NDF}: 18101.1/89$

- sign -1.161 ± 0.030 $\chi^2/\text{NDF}: 8707.7/45$

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: 0.246 ± 0.003 χ^2/NDF : 1726.9/22

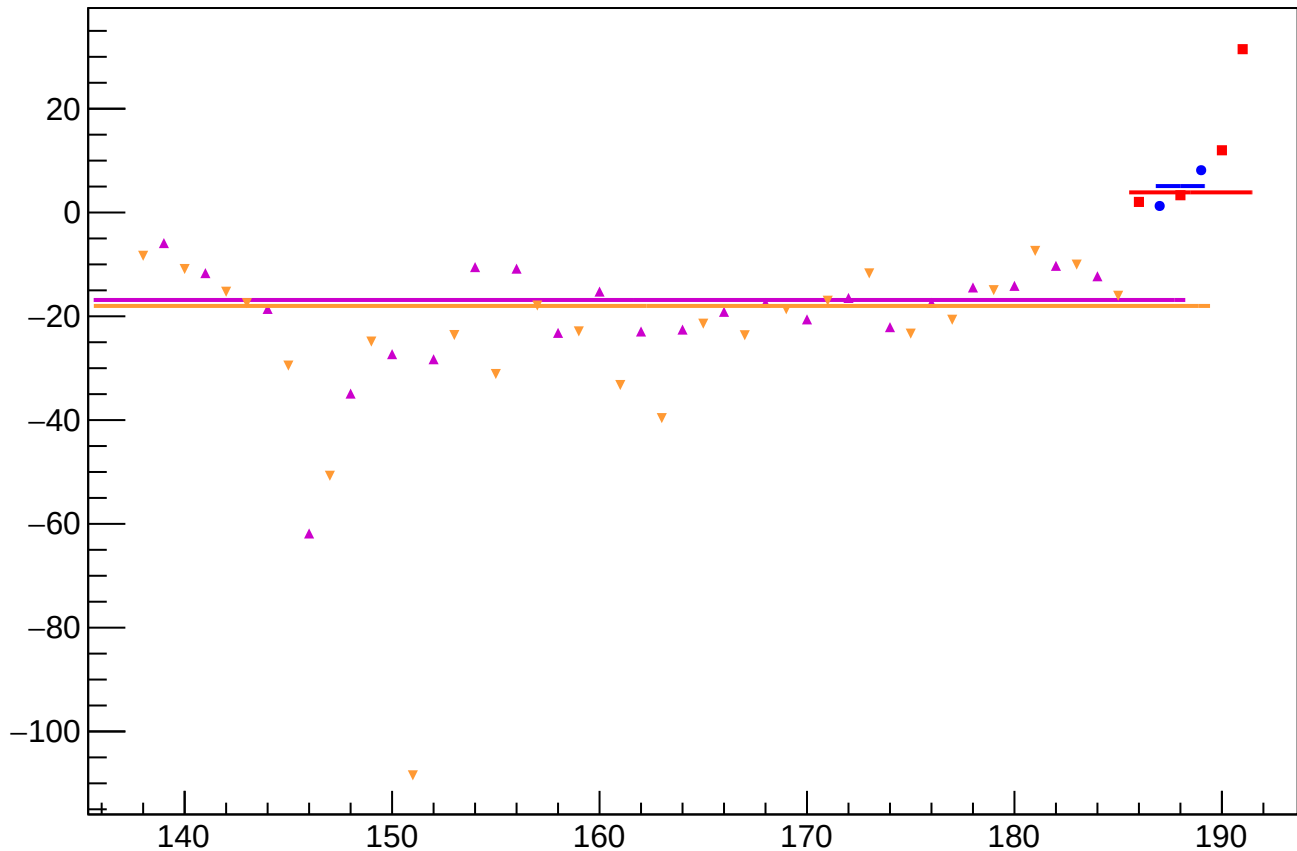
Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

+ sign 0.127 ± 0.001 χ^2/NDF : 6234.3/43

All: 0.119 ± 0.001 χ^2/NDF : 13491.2/89

- sign 0.112 ± 0.001 χ^2/NDF : 7202.6/45

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 5.095 ± 0.187 χ^2/NDF : 335.3/1

Left Out: -18.004 ± 0.039 χ^2/NDF : 88352.2/24

Right Out: 3.880 ± 0.091 χ^2/NDF : 1613.0/3

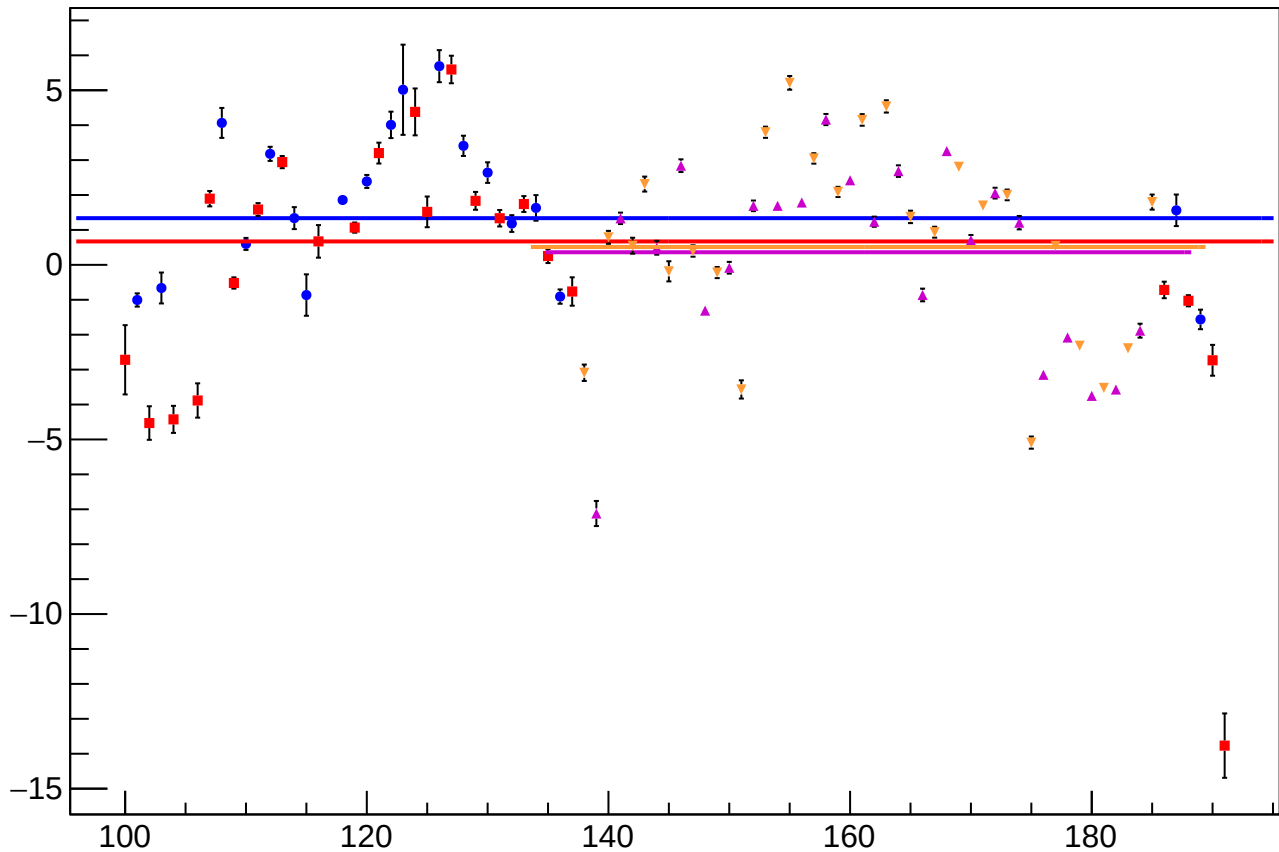
Left In: -16.854 ± 0.038 χ^2/NDF : 44680.7/22

+ sign -17.056 ± 0.038 χ^2/NDF : 103323.4/26

All: -15.309 ± 0.026 χ^2/NDF : 197573.3/53

- sign -13.828 ± 0.035 χ^2/NDF : 90321.2/26

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.337 ± 0.059 χ^2/NDF : 820.0/18

Left Out: 0.511 ± 0.032 χ^2/NDF : 7053.0/24

Right Out: 0.671 ± 0.053 χ^2/NDF : 1456.8/22

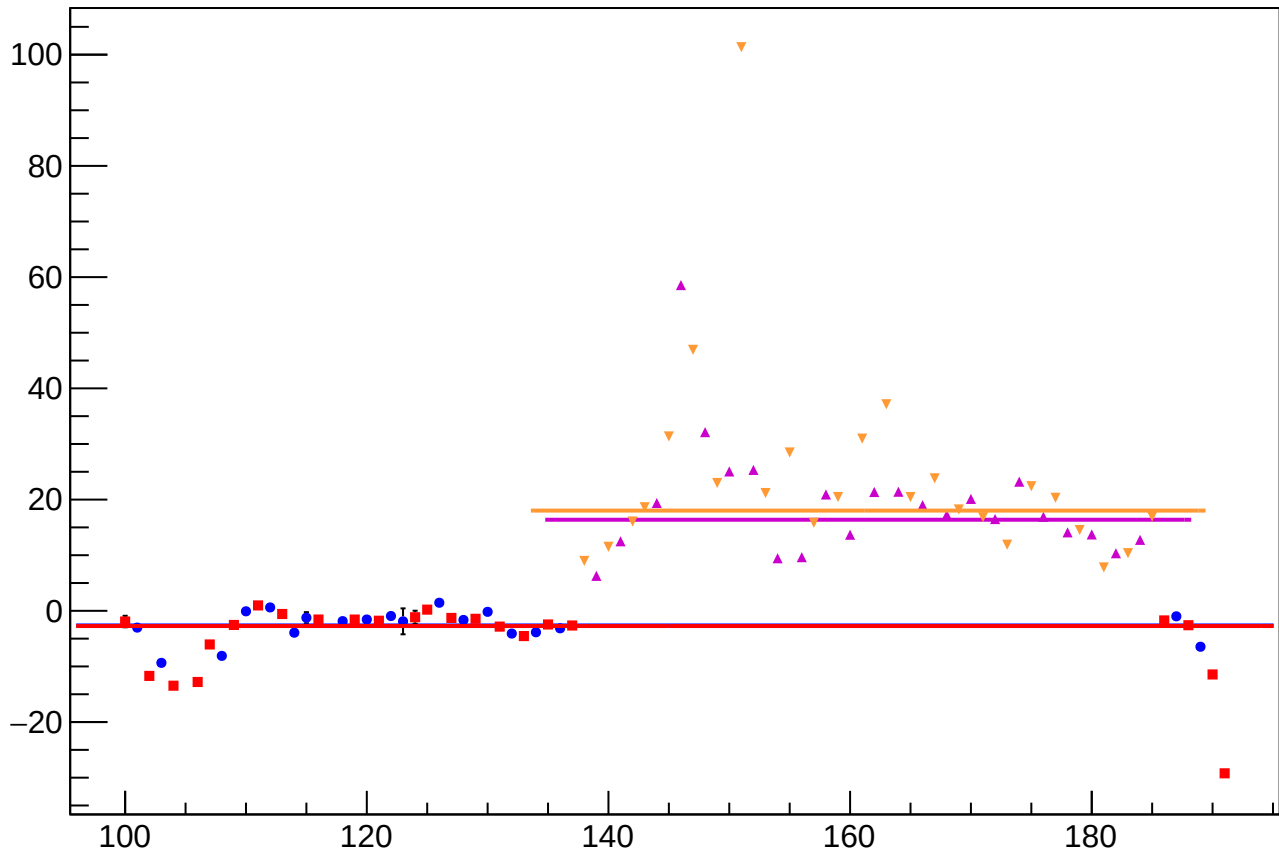
Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

+ sign 0.701 ± 0.028 χ^2/NDF : 8024.4/43

All: 0.561 ± 0.019 χ^2/NDF : 15826.9/89

- sign 0.438 ± 0.026 χ^2/NDF : 7756.2/45

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.632 ± 0.090 χ^2/NDF : 875.1/18

Left Out: 18.023 ± 0.039 χ^2/NDF : 77674.0/24

Right Out: -2.736 ± 0.059 χ^2/NDF : 2637.5/22

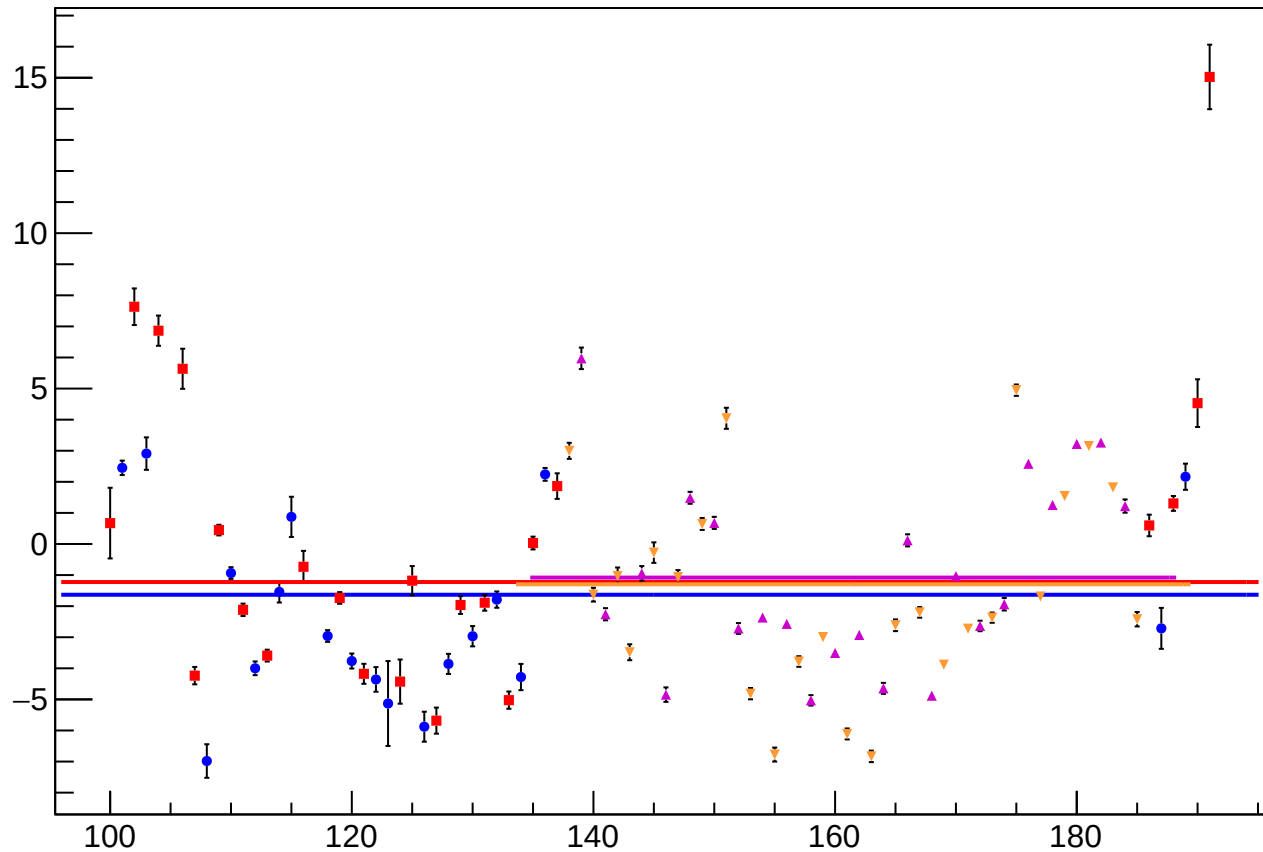
Left In: 16.377 ± 0.037 χ^2/NDF : 41253.5/22

+ sign 14.775 ± 0.036 χ^2/NDF : 122987.5/43

All: 12.630 ± 0.024 χ^2/NDF : 247667.1/89

- sign 10.945 ± 0.032 χ^2/NDF : 118223.9/45

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.633 ± 0.069 χ^2/NDF : 1427.2/18

Left Out: -1.297 ± 0.036 χ^2/NDF : 7903.2/24

Right Out: -1.224 ± 0.062 χ^2/NDF : 1963.7/22

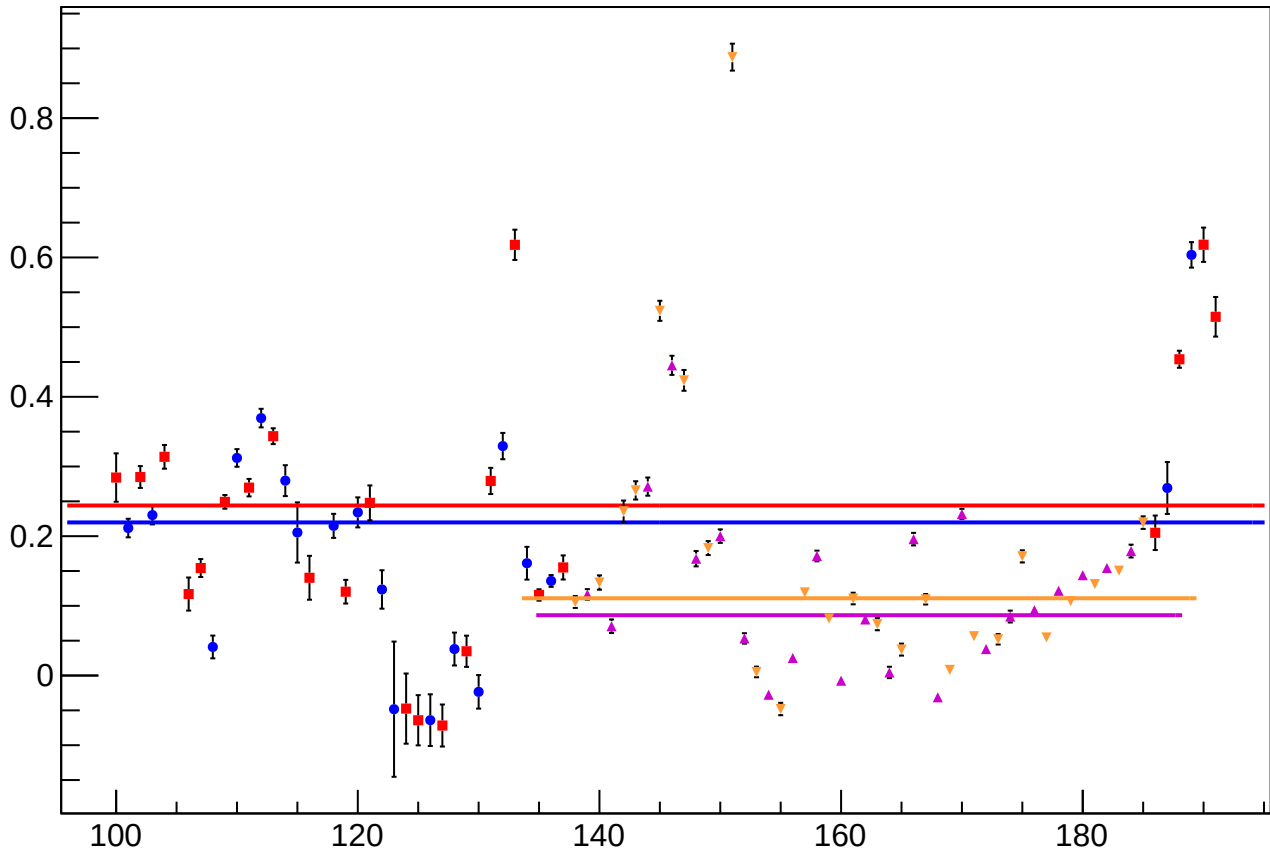
Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

+ sign -1.369 ± 0.032 χ^2/NDF : 9349.2/43

All: -1.233 ± 0.022 χ^2/NDF : 18115.6/89

- sign -1.114 ± 0.030 χ^2/NDF : 8731.8/45

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.220 ± 0.004 $\chi^2/\text{NDF}: 1128.0/18$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4452.0/24$

Right Out: 0.244 ± 0.003 $\chi^2/\text{NDF}: 1740.5/22$

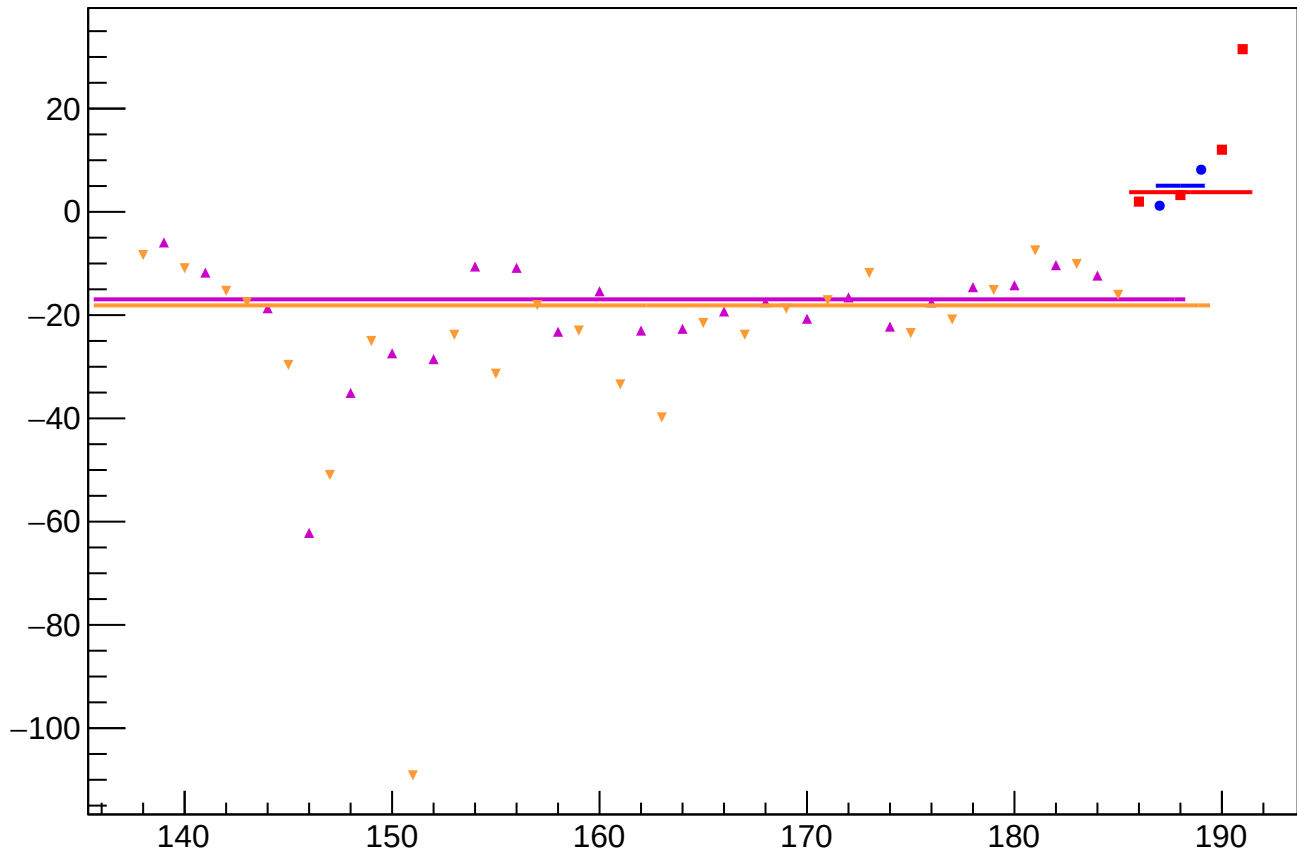
Left In: 0.087 ± 0.001 $\chi^2/\text{NDF}: 3631.4/22$

+ sign 0.126 ± 0.001 $\chi^2/\text{NDF}: 6221.9/43$

All: 0.118 ± 0.001 $\chi^2/\text{NDF}: 13423.2/89$

- sign 0.112 ± 0.001 $\chi^2/\text{NDF}: 7150.5/45$

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: 3.811 ± 0.091 $\chi^2/\text{NDF}: 1623.9/3$

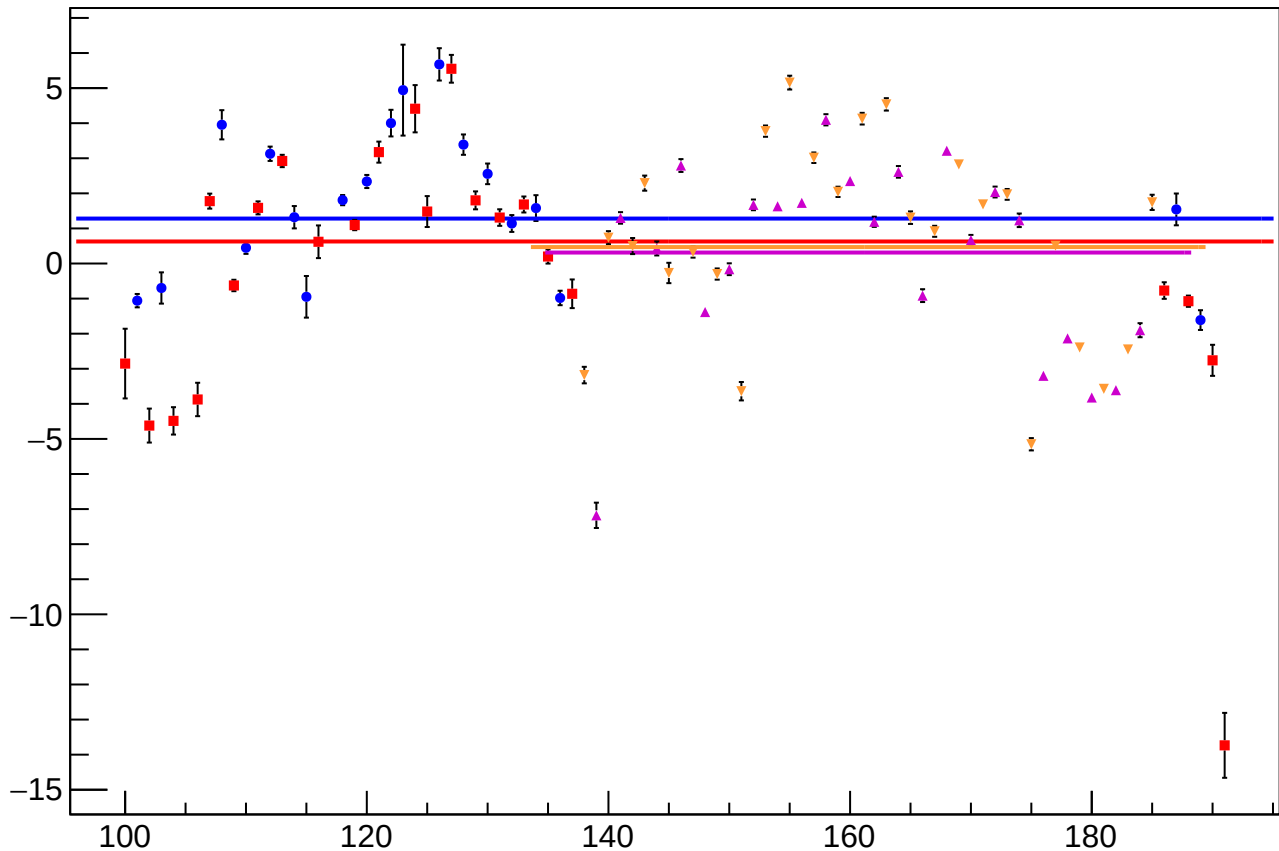
Left In: -16.945 ± 0.038 $\chi^2/\text{NDF}: 44756.2/22$

+ sign -17.160 ± 0.038 $\chi^2/\text{NDF}: 103445.4/26$

All: -15.388 ± 0.026 $\chi^2/\text{NDF}: 198014.8/53$

- sign -13.888 ± 0.035 $\chi^2/\text{NDF}: 90561.0/26$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.281 ± 0.059 χ^2/NDF : 824.5/18

Left Out: 0.469 ± 0.032 χ^2/NDF : 7076.8/24

Right Out: 0.628 ± 0.053 χ^2/NDF : 1464.4/22

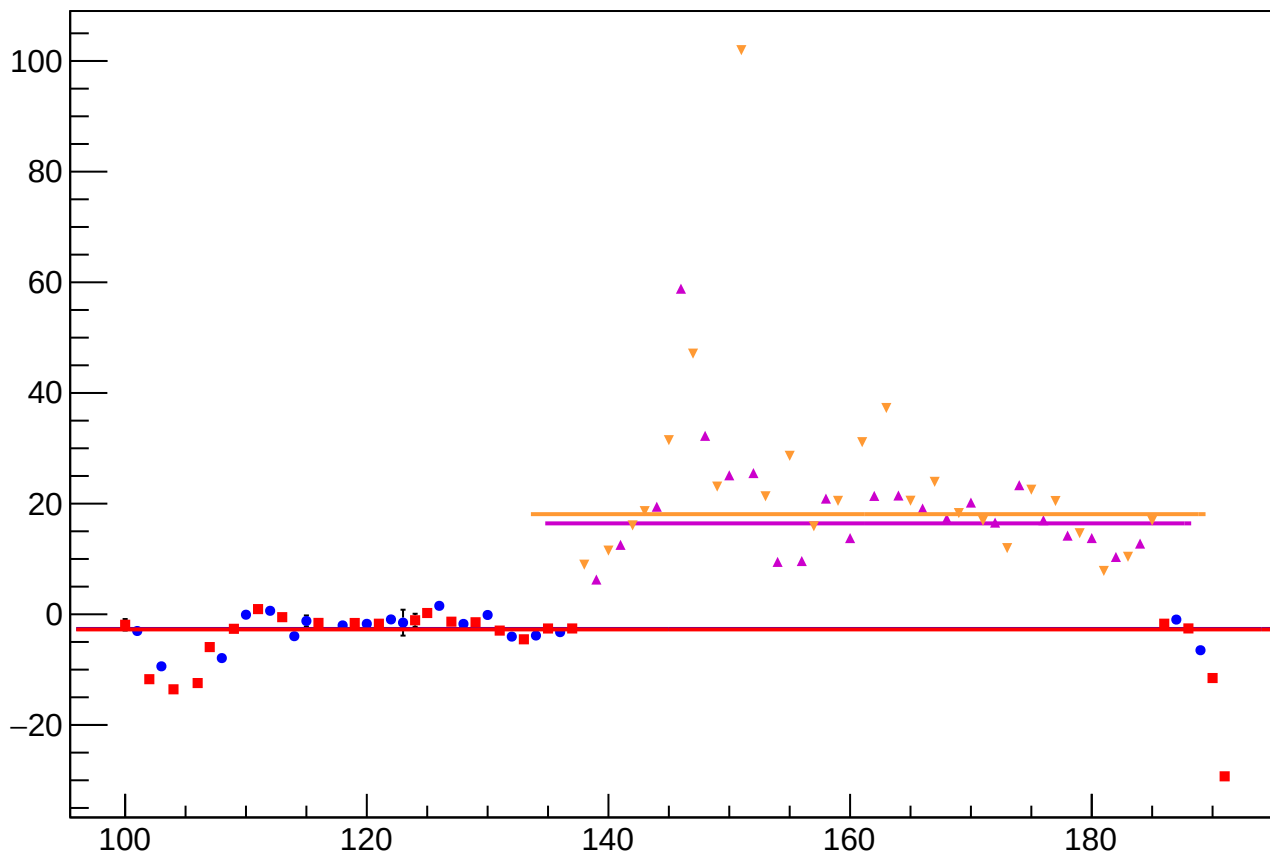
Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

+ sign 0.656 ± 0.028 χ^2/NDF : 8046.4/43

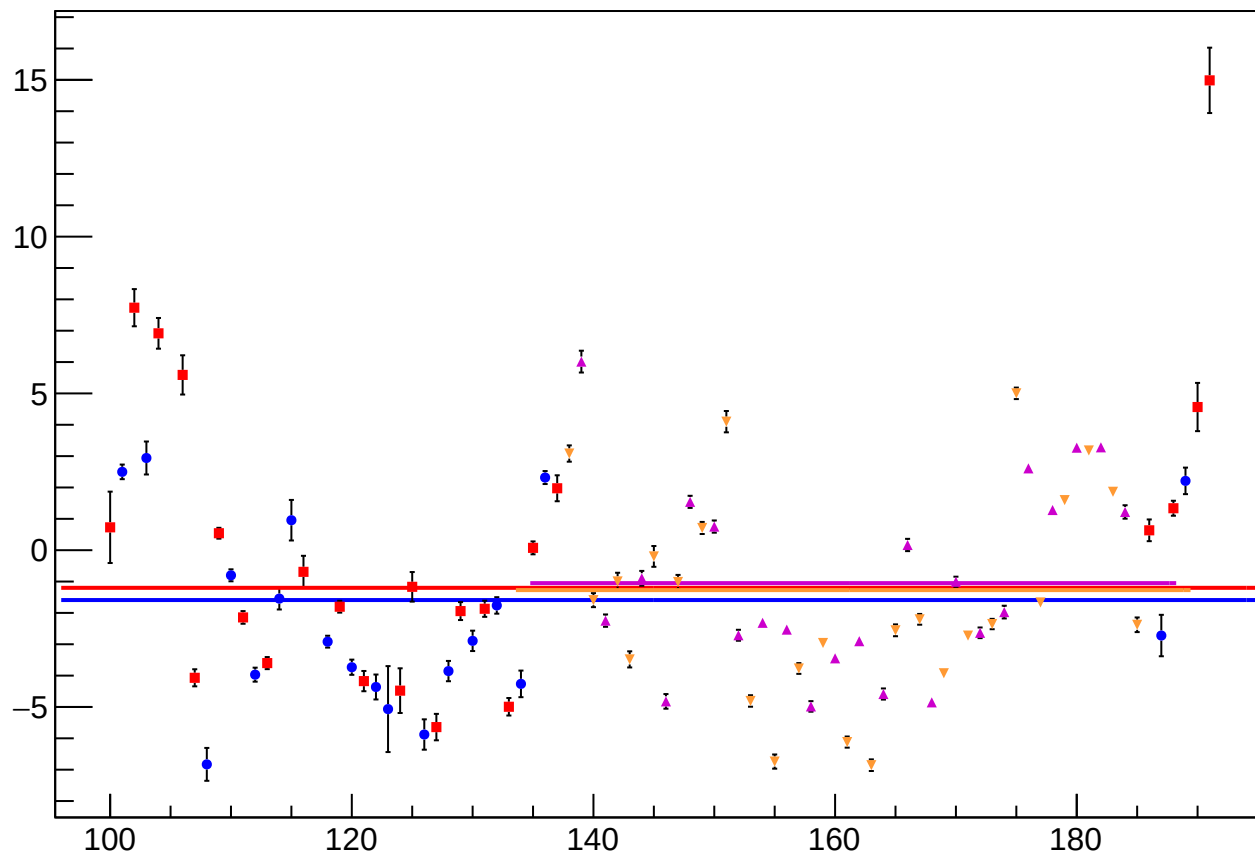
All: 0.514 ± 0.019 χ^2/NDF : 15818.9/89

- sign 0.392 ± 0.026 χ^2/NDF : 7726.3/45

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.590 ± 0.069 $\chi^2/\text{NDF}: 1433.2/18$

Left Out: -1.273 ± 0.036 $\chi^2/\text{NDF}: 7931.0/24$

Right Out: -1.200 ± 0.062 $\chi^2/\text{NDF}: 1973.4/22$

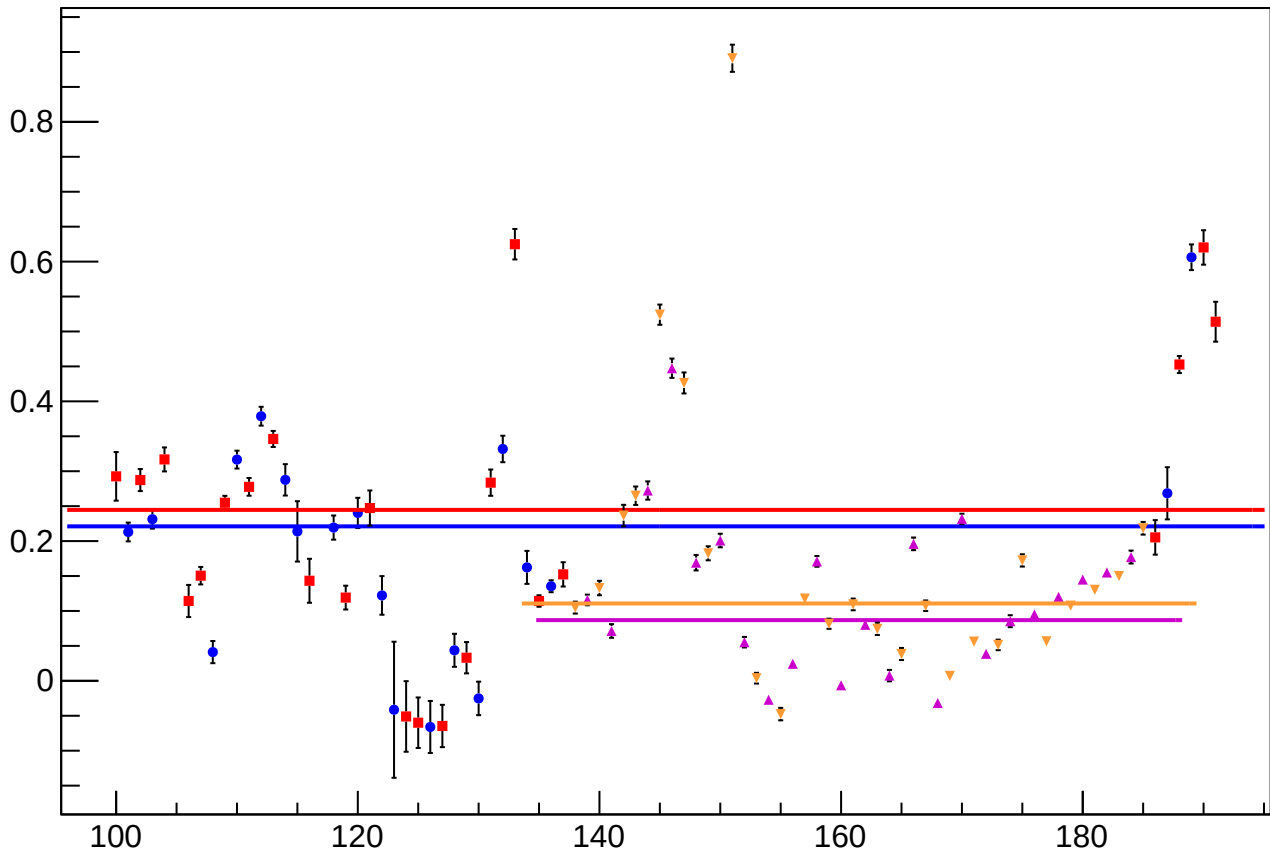
Left In: -1.050 ± 0.034 $\chi^2/\text{NDF}: 6713.0/22$

+ sign -1.340 ± 0.032 $\chi^2/\text{NDF}: 9380.8/43$

All: -1.204 ± 0.022 $\chi^2/\text{NDF}: 18106.1/89$

- sign -1.085 ± 0.030 $\chi^2/\text{NDF}: 8690.9/45$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.221 ± 0.004 χ^2/NDF : 1155.1/18

Left Out: 0.111 ± 0.002 χ^2/NDF : 4430.3/24

Right Out: 0.245 ± 0.003 χ^2/NDF : 1766.3/22

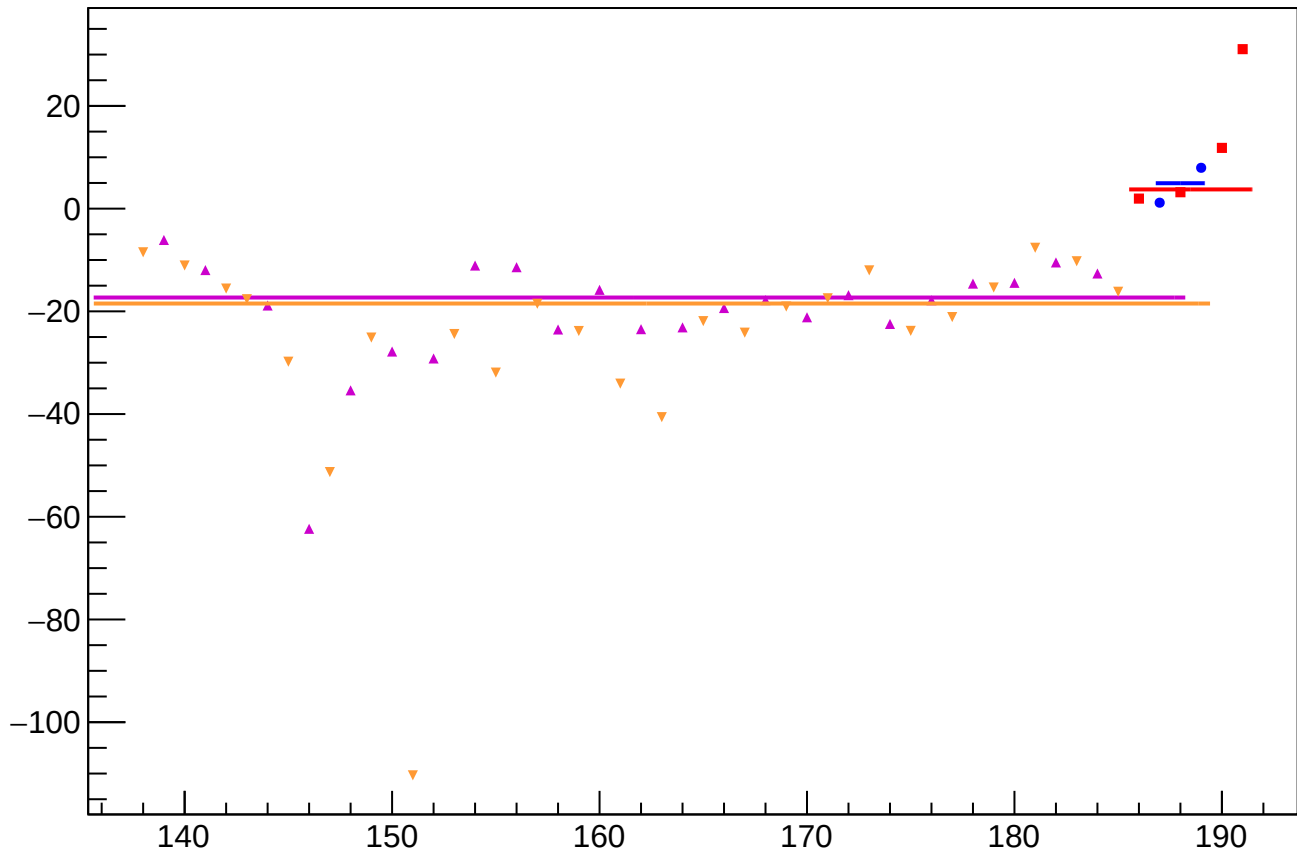
Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

+ sign 0.126 ± 0.001 χ^2/NDF : 6240.7/43

All: 0.118 ± 0.001 χ^2/NDF : 13437.9/89

- sign 0.112 ± 0.001 χ^2/NDF : 7149.7/45

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 4.949 ± 0.188 $\chi^2/\text{NDF}: 320.9/1$

Left Out: -18.478 ± 0.040 $\chi^2/\text{NDF}: 87856.5/24$

Right Out: 3.742 ± 0.091 $\chi^2/\text{NDF}: 1564.9/3$

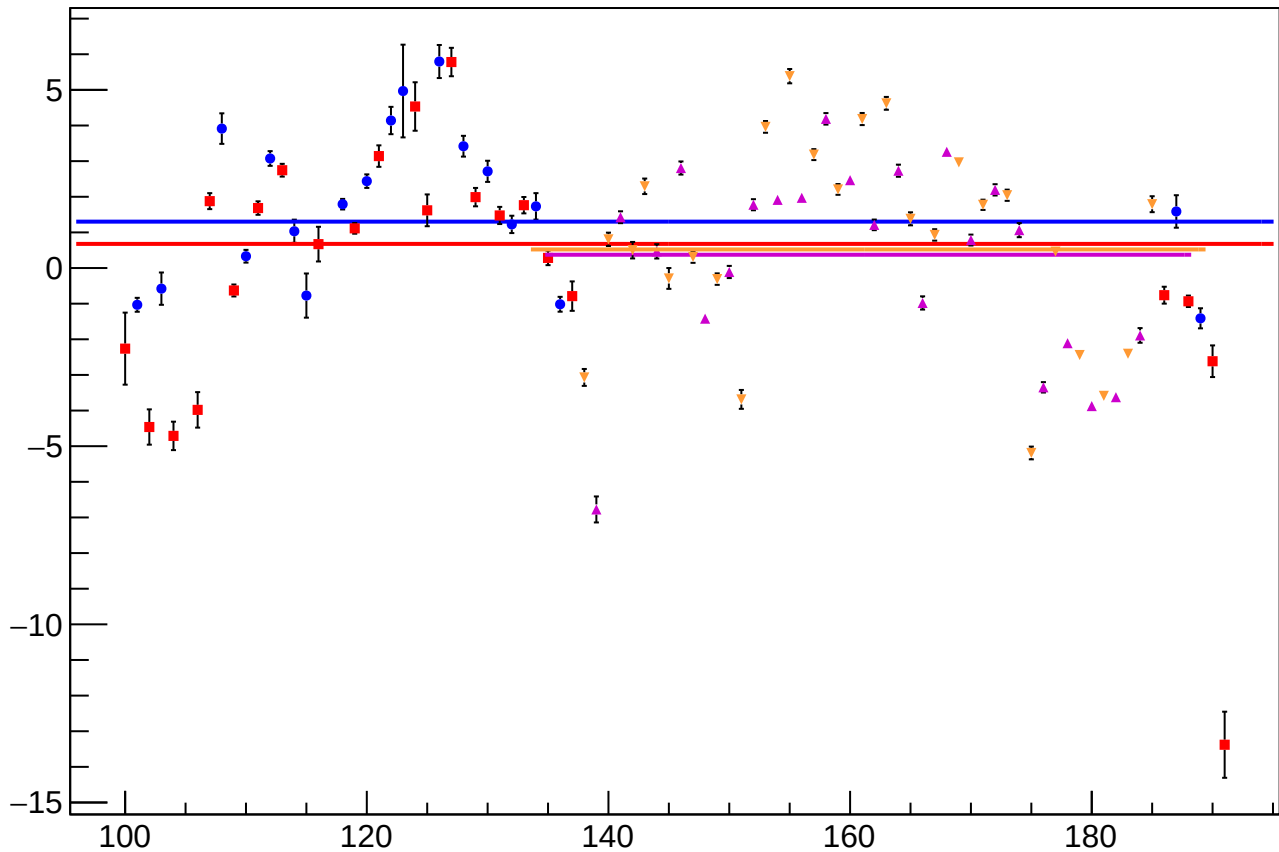
Left In: -17.309 ± 0.039 $\chi^2/\text{NDF}: 43807.0/22$

+ sign -17.479 ± 0.039 $\chi^2/\text{NDF}: 102983.7/26$

All: -15.646 ± 0.026 $\chi^2/\text{NDF}: 197346.2/53$

- sign -14.099 ± 0.036 $\chi^2/\text{NDF}: 90264.1/26$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.302 ± 0.060 χ^2/NDF : 808.6/18

Left Out: 0.522 ± 0.033 χ^2/NDF : 7038.3/24

Right Out: 0.677 ± 0.054 χ^2/NDF : 1410.3/22

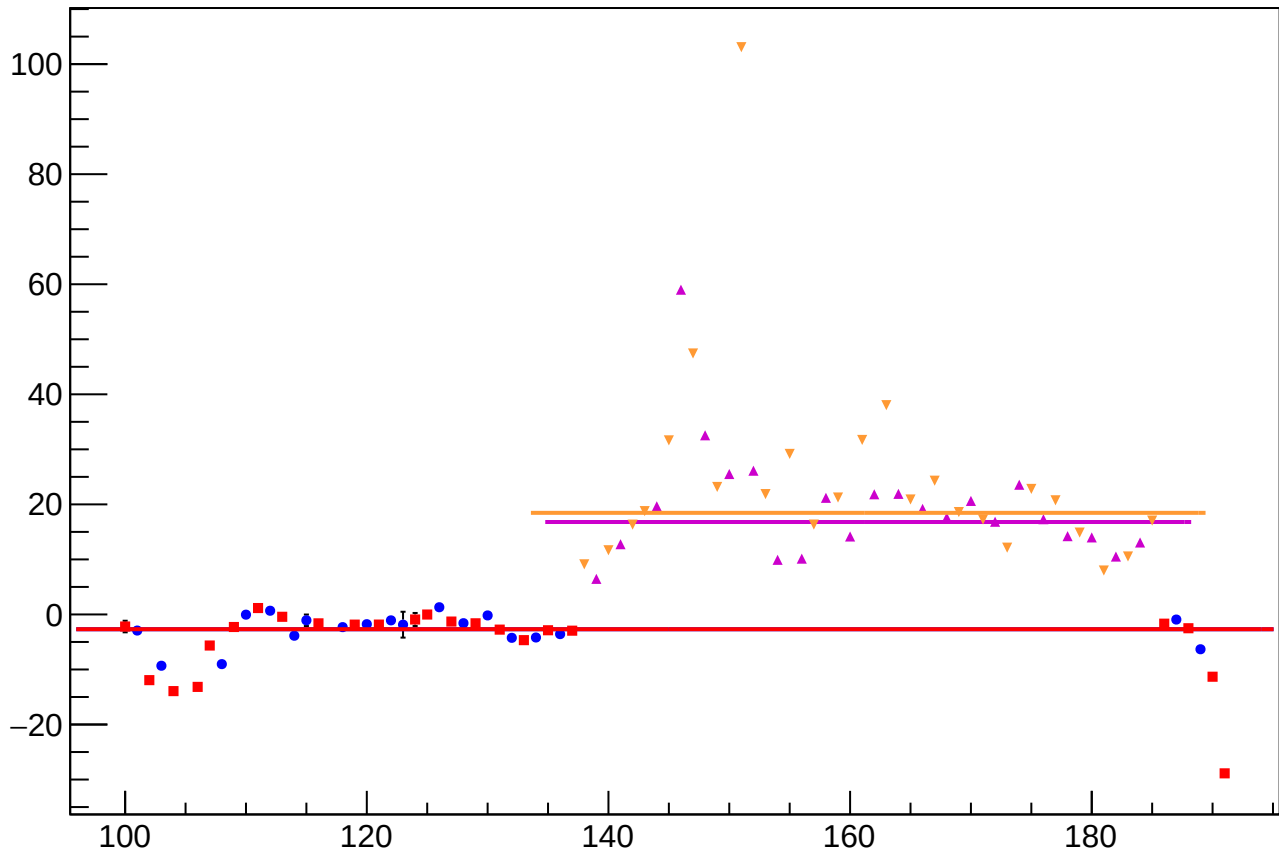
Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

+ sign 0.702 ± 0.029 χ^2/NDF : 7976.1/43

All: 0.568 ± 0.020 χ^2/NDF : 15714.8/89

- sign 0.450 ± 0.027 χ^2/NDF : 7698.1/45

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: -2.684 ± 0.060 χ^2/NDF : 2591.9/22

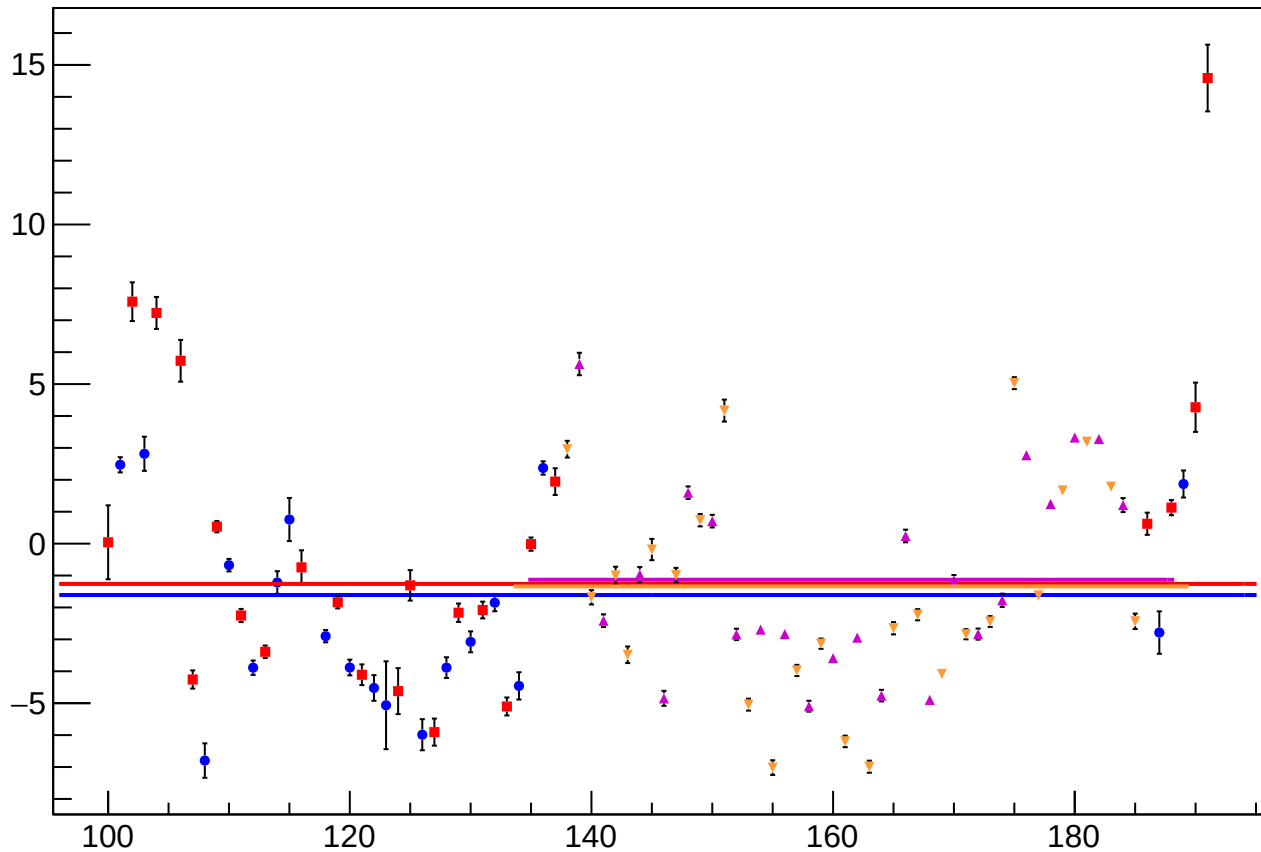
Left In: 16.798 ± 0.038 χ^2/NDF : 40258.9/22

+ sign 15.083 ± 0.037 χ^2/NDF : 122914.1/43

All: 12.859 ± 0.024 χ^2/NDF : 247251.5/89

- sign 11.121 ± 0.032 χ^2/NDF : 117757.9/45

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: -1.261 ± 0.063 $\chi^2/\text{NDF}: 1906.9/22$

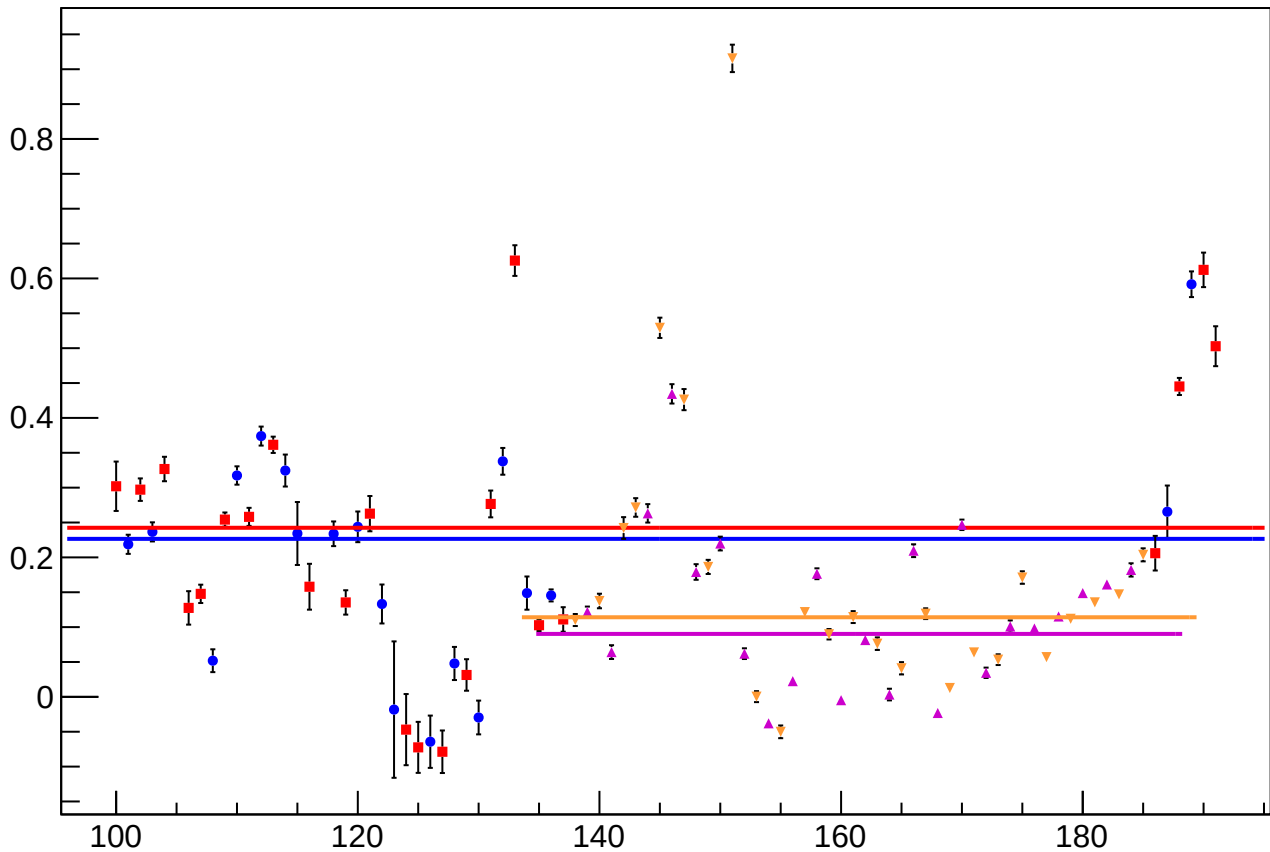
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

+ sign -1.399 ± 0.032 $\chi^2/\text{NDF}: 9302.8/43$

All: -1.273 ± 0.022 $\chi^2/\text{NDF}: 17984.6/89$

- sign -1.162 ± 0.030 $\chi^2/\text{NDF}: 8653.5/45$

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: 0.242 $\pm$ 0.003 χ^2/NDF : 1796.0/22

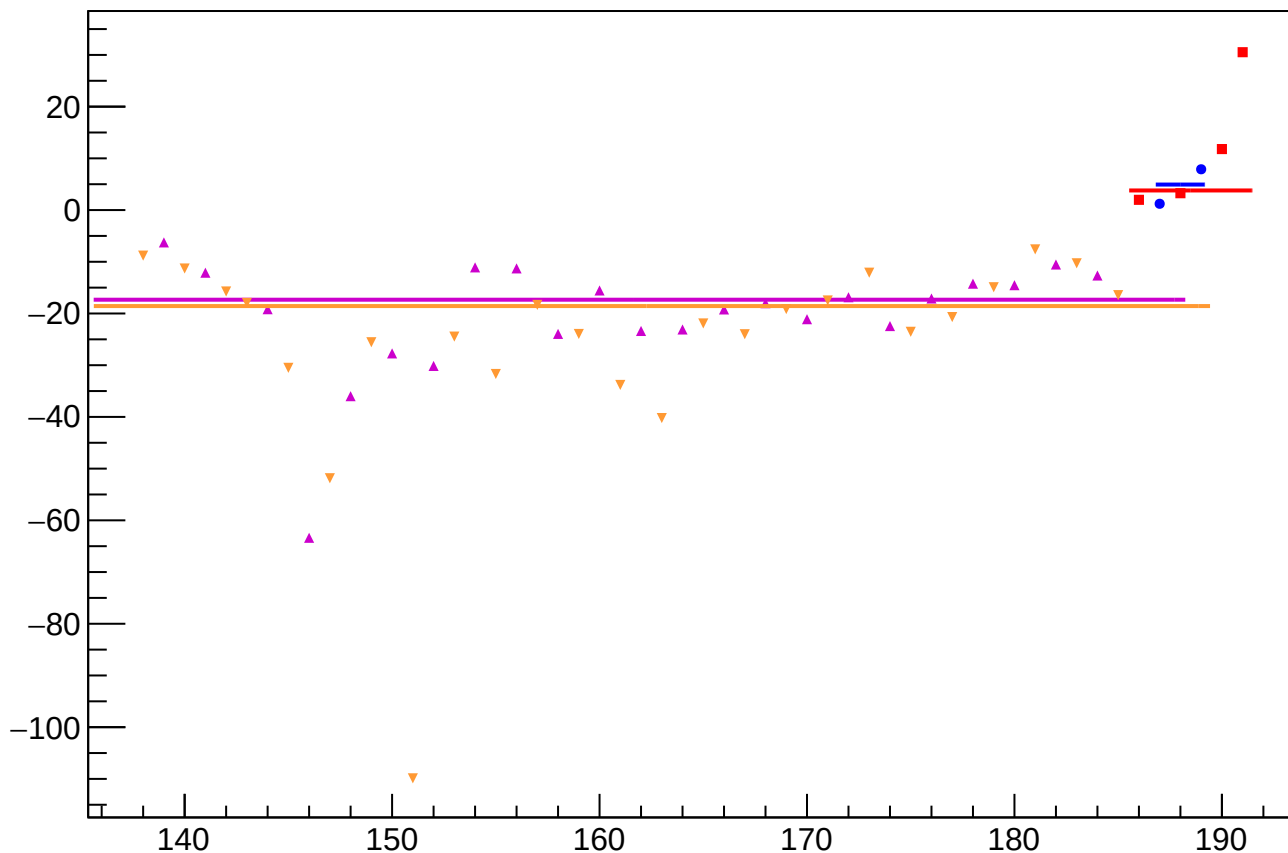
Left In: 0.090 $\pm$ 0.002 χ^2/NDF : 3679.2/22

+ sign 0.130 $\pm$ 0.002 χ^2/NDF : 6110.5/43

All: 0.122 $\pm$ 0.001 χ^2/NDF : 13231.7/89

- sign 0.115 $\pm$ 0.001 χ^2/NDF : 7068.3/45

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: 3.792 ± 0.093 $\chi^2/\text{NDF}: 1500.4/3$

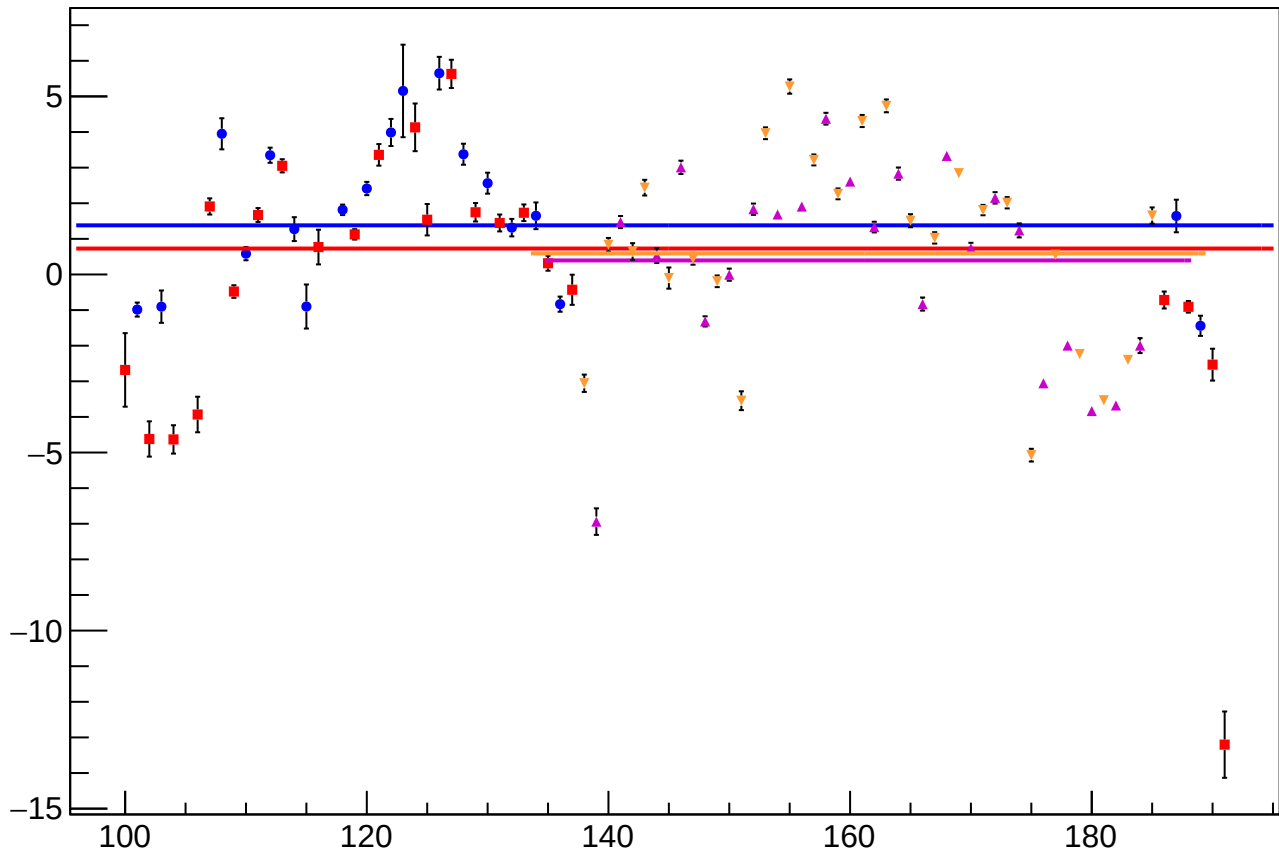
Left In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

+ sign -17.552 ± 0.039 $\chi^2/\text{NDF}: 101429.1/26$

All: -15.694 ± 0.027 $\chi^2/\text{NDF}: 195350.3/53$

- sign -14.128 ± 0.036 $\chi^2/\text{NDF}: 89794.6/26$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.380 ± 0.061 χ^2/NDF : 773.8/18

Left Out: 0.590 ± 0.033 χ^2/NDF : 6780.3/24

Right Out: 0.728 ± 0.054 χ^2/NDF : 1383.8/22

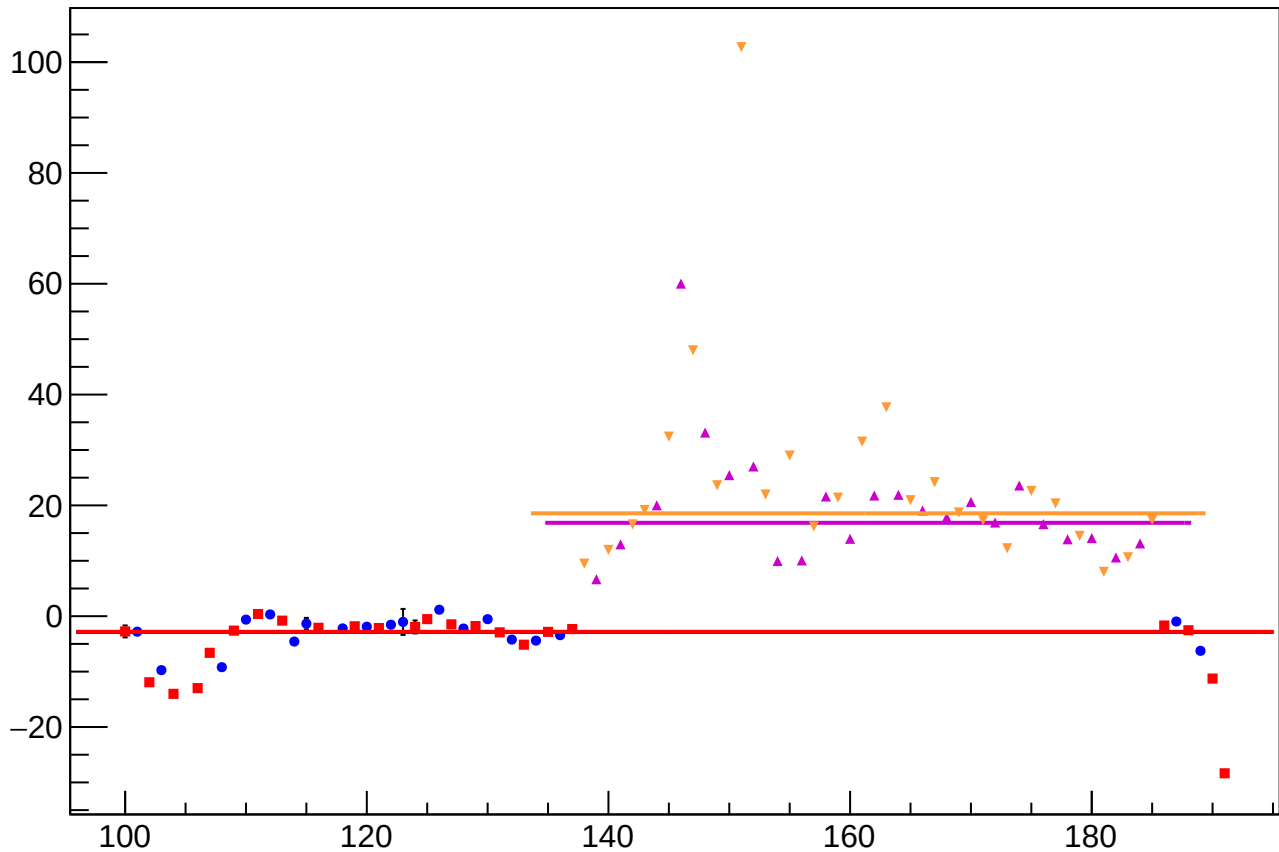
Left In: 0.394 ± 0.032 χ^2/NDF : 6112.7/22

+ sign 0.773 ± 0.029 χ^2/NDF : 7684.0/43

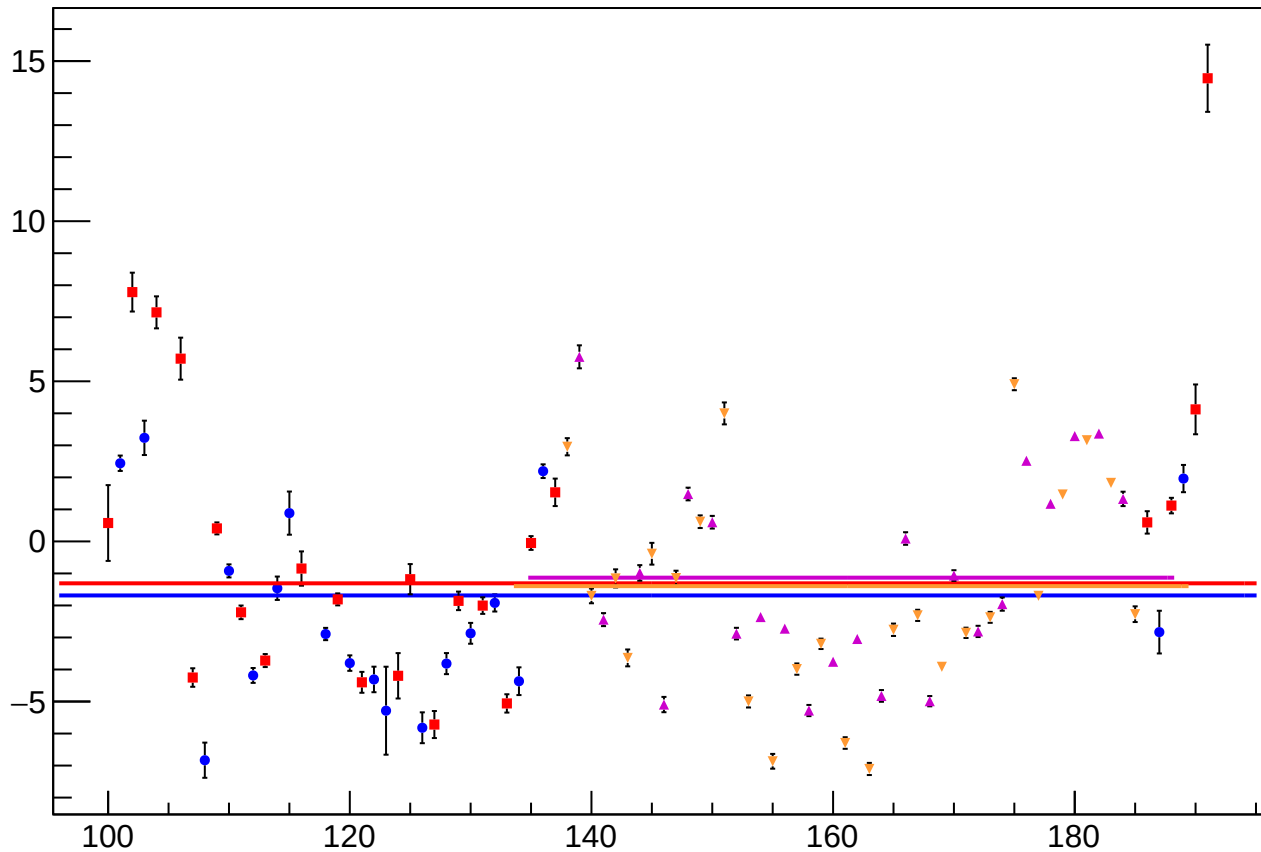
All: 0.616 ± 0.020 χ^2/NDF : 15263.0/89

- sign 0.479 ± 0.027 χ^2/NDF : 7524.7/45

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.687 ± 0.071 $\chi^2/\text{NDF}: 1350.1/18$

Left Out: -1.397 ± 0.037 $\chi^2/\text{NDF}: 7631.3/24$

Right Out: -1.309 ± 0.064 $\chi^2/\text{NDF}: 1863.7/22$

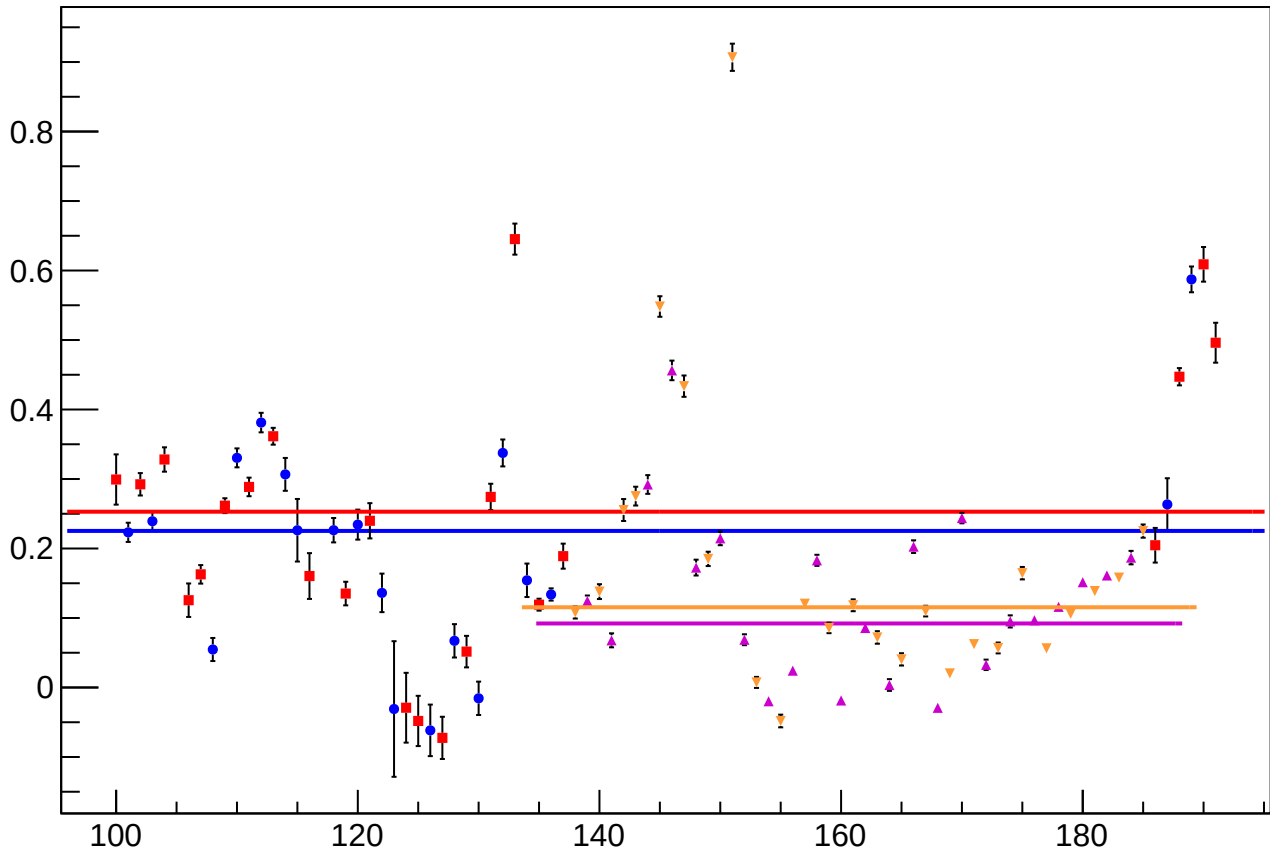
Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6638.3/22$

+ sign -1.459 ± 0.033 $\chi^2/\text{NDF}: 8994.7/43$

All: -1.307 ± 0.022 $\chi^2/\text{NDF}: 17542.9/89$

- sign -1.173 ± 0.031 $\chi^2/\text{NDF}: 8507.9/45$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.225 $\pm$ 0.004 χ^2/NDF : 1055.0/18

Left Out: 0.115 $\pm$ 0.002 χ^2/NDF : 4423.4/24

Right Out: 0.253 $\pm$ 0.004 χ^2/NDF : 1627.8/22

Left In: 0.092 $\pm$ 0.002 χ^2/NDF : 3632.6/22

+ sign 0.131 $\pm$ 0.002 χ^2/NDF : 6090.0/43

All: 0.124 $\pm$ 0.001 χ^2/NDF : 13107.4/89

- sign 0.118 $\pm$ 0.001 χ^2/NDF : 6978.5/45