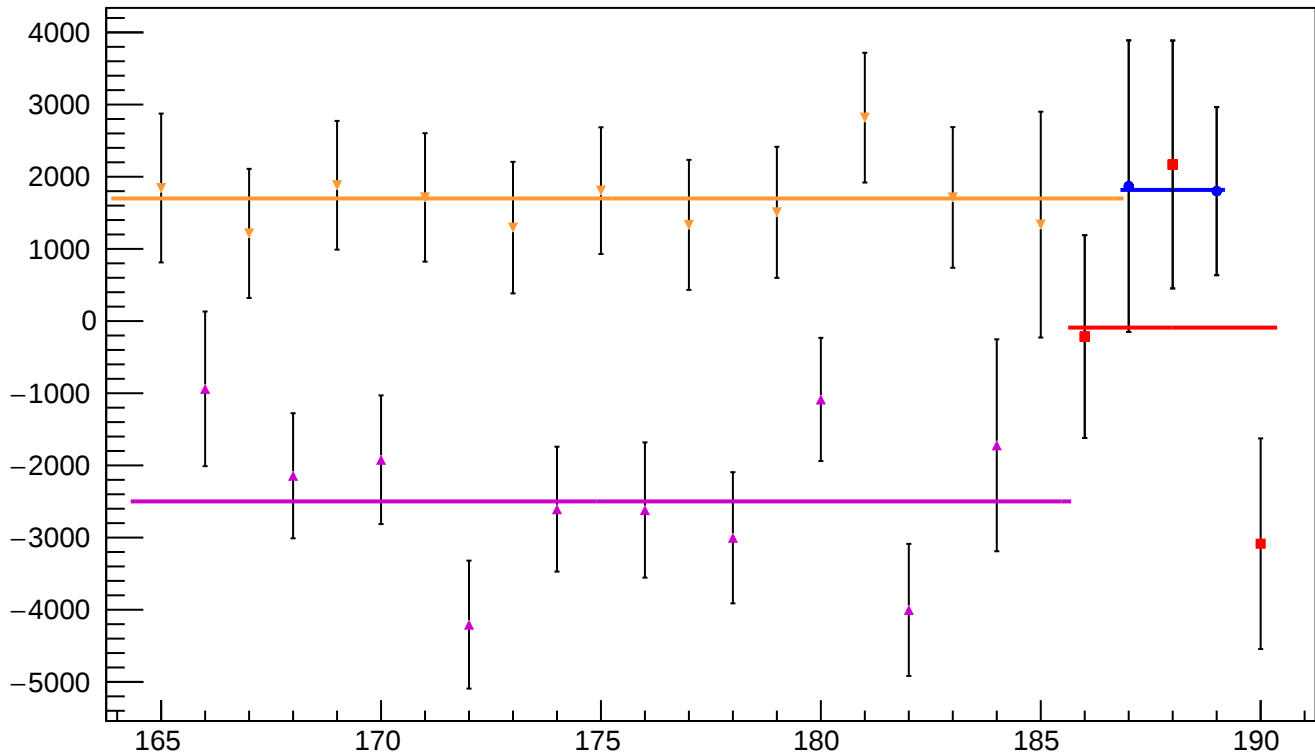


dit_asym_us_avg_mean vs Slug



Right In: 1817.477+/-713.422

χ^2/NDF : 0.0/3

+ sign 1715.267+/-264.273

χ^2/NDF : 2.4/14

Left Out: 1699.011+/-284.513

χ^2/NDF : 2.4/10

All: -152.005+/-189.225

χ^2/NDF : 135.6/29

Right Out: -90.202+/-680.328

χ^2/NDF : 7.7/4

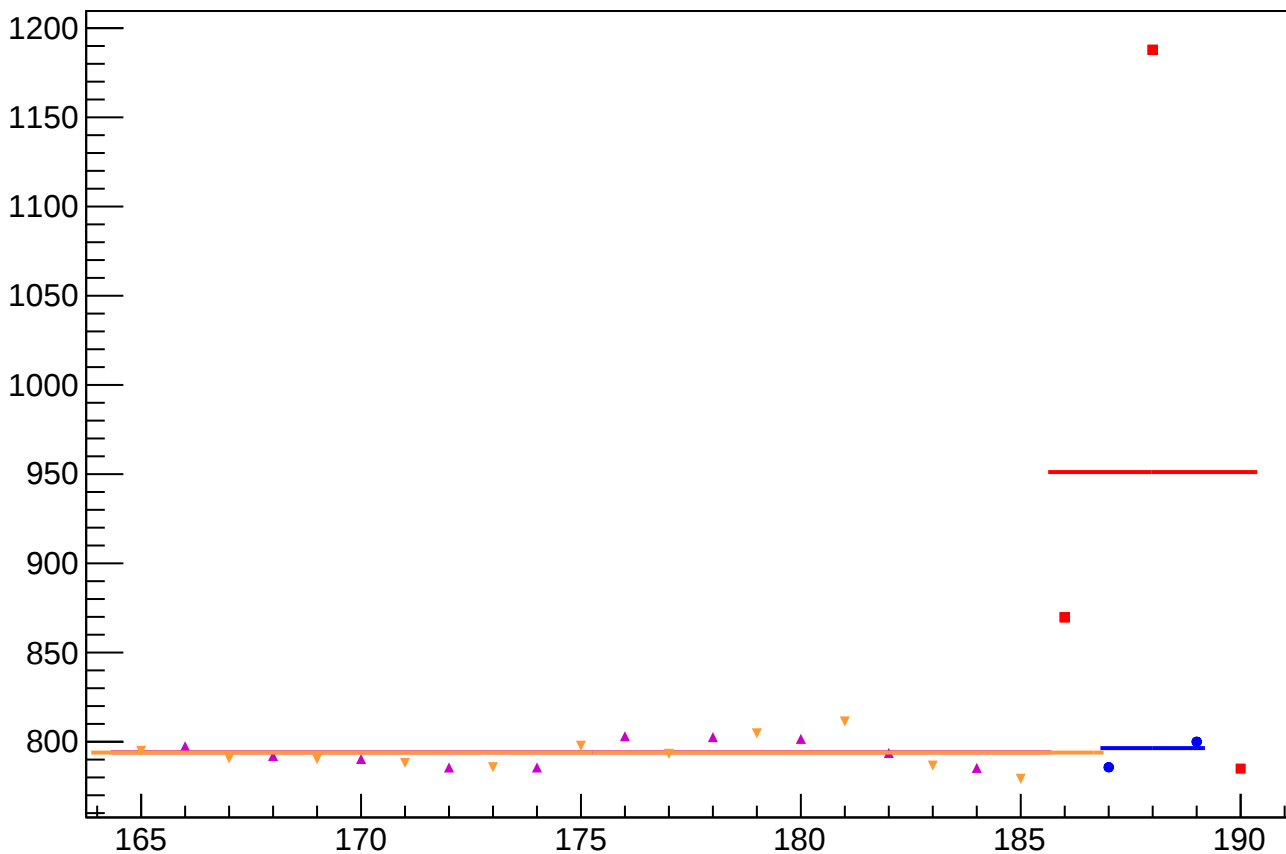
- sign -2116.490+/-271.065

χ^2/NDF : 30.7/14

Left In: -2498.863+/-295.536

χ^2/NDF : 12.5/9

dit_asym_us_avg_rms vs Slug



Right In: 796.430+/-0.504 χ^2/NDF : 150.2/3

Left Out: 793.936+/-0.201 χ^2/NDF :1671.9/10

Right Out: 951.163+/-0.481 χ^2/NDF : 115326.7/4

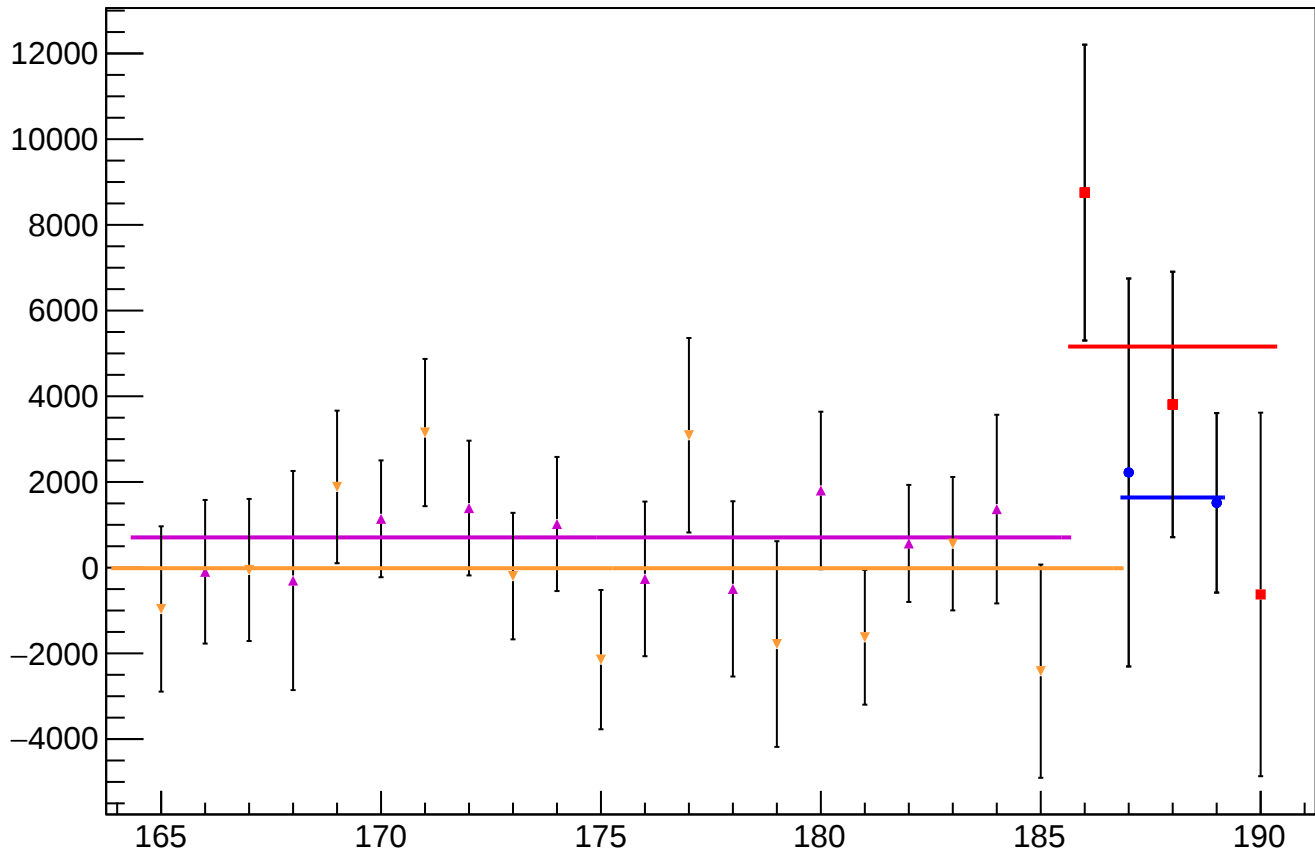
Left In: 794.074+/-0.209 χ^2/NDF :1030.8/9

+ sign 794.278+/-0.187 χ^2/NDF : 1843.2/14

All: 806.331+/-0.134 χ^2/NDF : 216442.4/29

- sign 819.011+/-0.192 χ^2/NDF : 206062.1/14

asym_us_avg_correction_mean vs Slug



Right In: 1638.138+/-1344.131 χ^2/NDF : 0.0/3

Left Out: -12.697+/-536.773 χ^2/NDF : 11.0/10

Right Out: 5160.015+/-1521.742 χ^2/NDF : 4.4/4

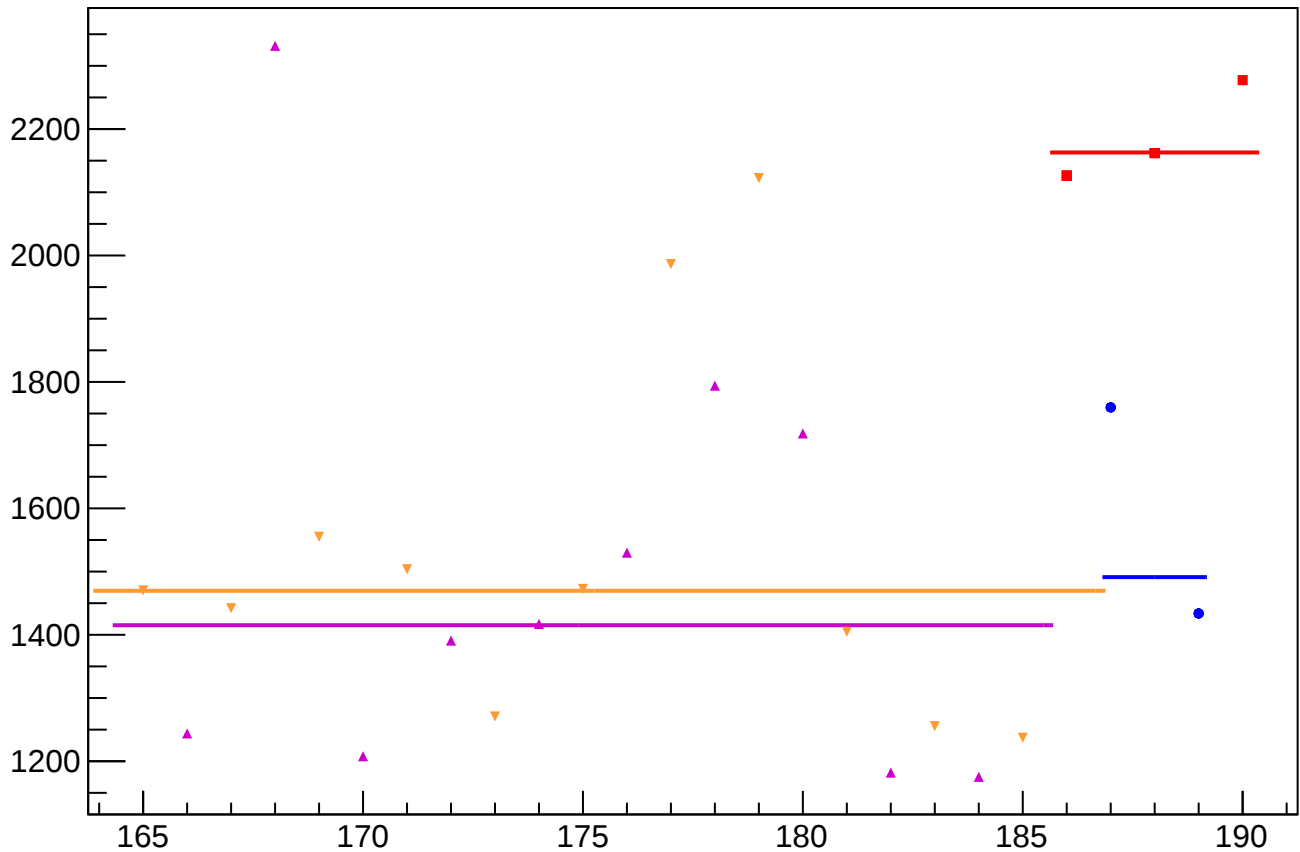
Left In: 706.311+/-538.804 χ^2/NDF : 1.8/9

+ sign 214.363+/-498.493 χ^2/NDF : 12.4/14

All: 699.167+/-355.769 χ^2/NDF : 28.1/29

- sign 1202.454+/-507.906 χ^2/NDF : 13.8/14

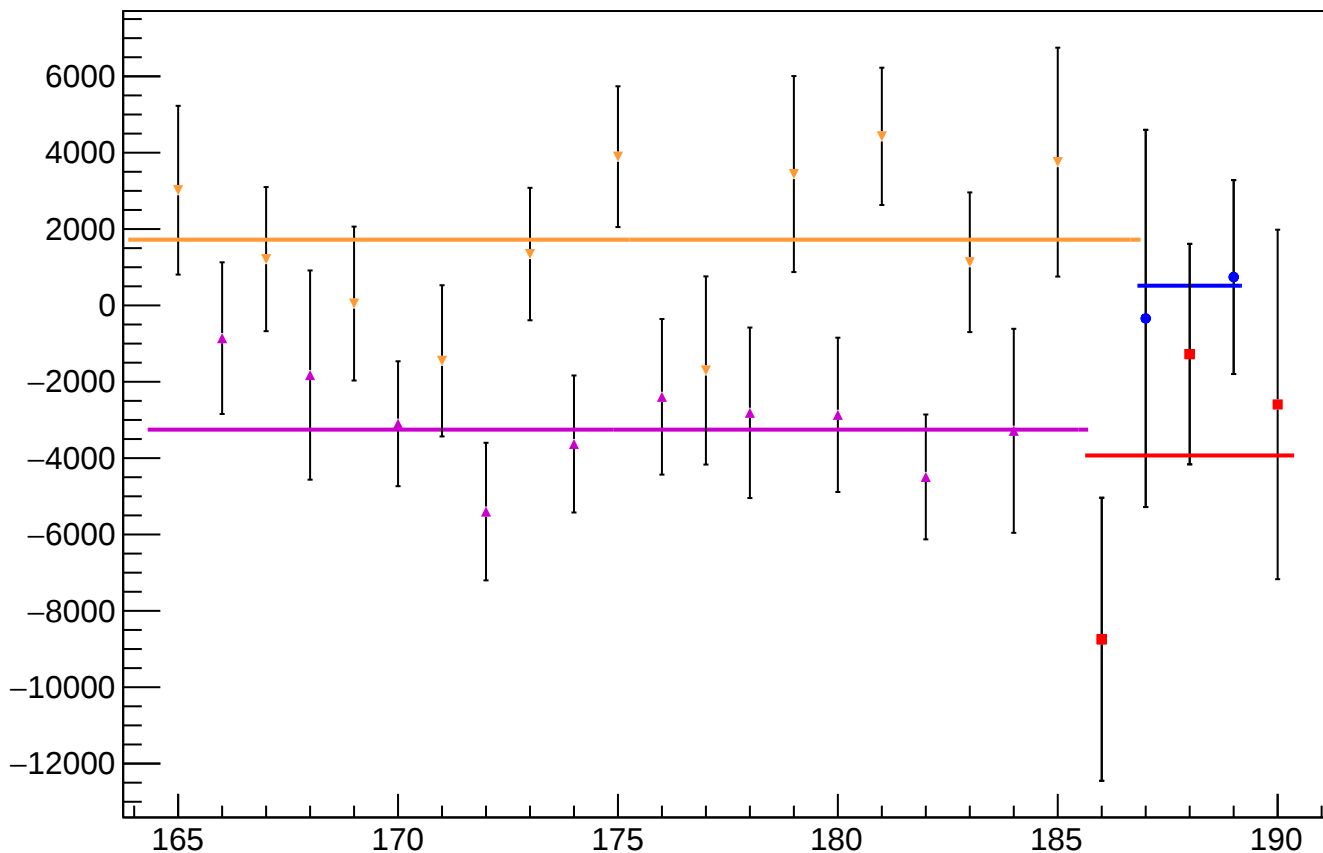
asym_us_avg_correction_rms vs Slug



Right In: 1491.225+/-0.950 χ^2/NDF : 17081.4/3
 Left Out: 1469.642+/-0.380 χ^2/NDF : 352609.5/10
 Right Out: 2162.976+/-1.076 χ^2/NDF : 1907.2/4
 Left In: 1415.165+/-0.381 χ^2/NDF : 537785.8/9

+ sign 1472.610+/-0.352 χ^2/NDF : 370135.6/14
 All: 1485.299+/-0.252 χ^2/NDF : 1341648.0/29
 - sign 1498.471+/-0.359 χ^2/NDF : 968871.5/14

asym_us_avg_mean vs Slug



Right In: 516.094 ± 1597.055 $\chi^2/\text{NDF}: 0.1/3$

Left Out: 1721.293 ± 614.414 $\chi^2/\text{NDF}: 10.3/10$

Right Out: -3929.906 ± 1519.336 $\chi^2/\text{NDF}: 5.1/4$

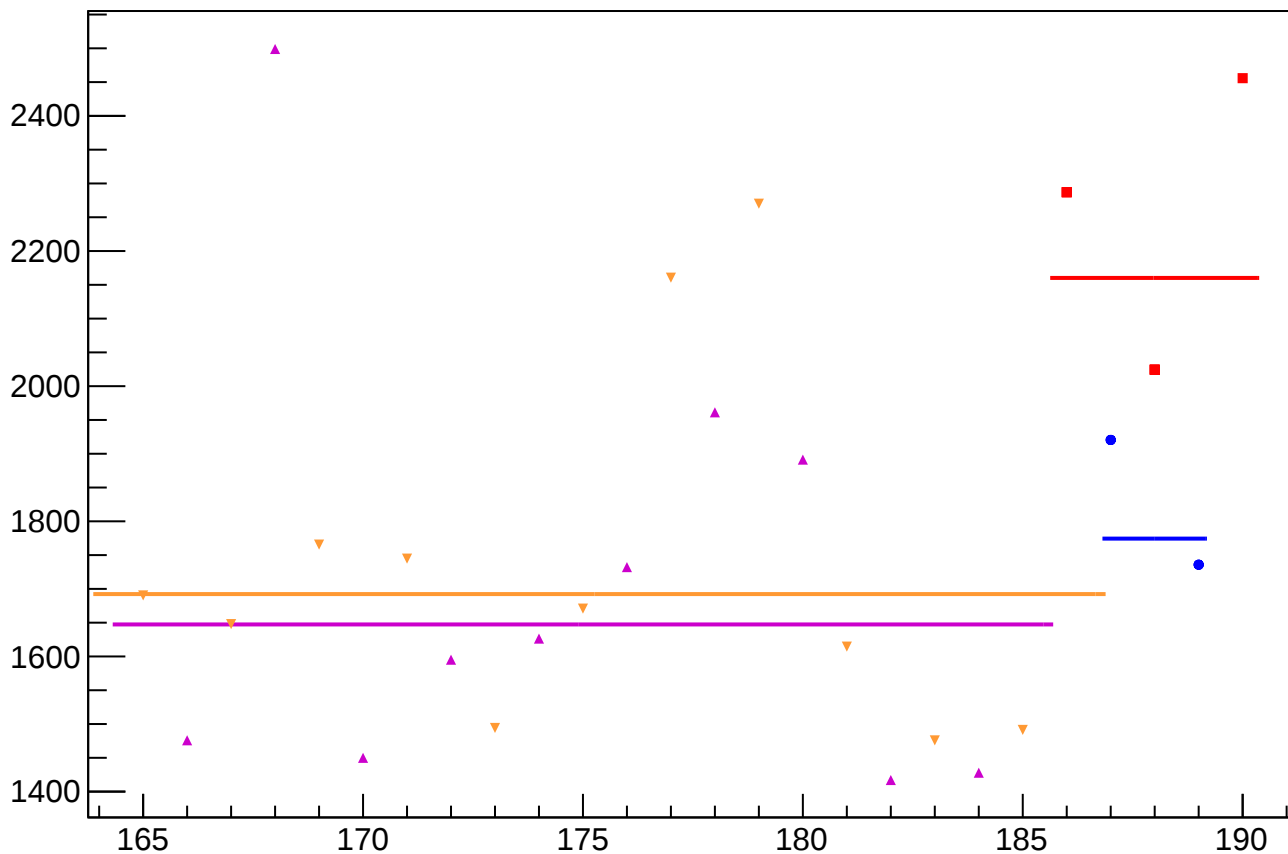
Left In: -3253.469 ± 622.681 $\chi^2/\text{NDF}: 4.0/9$

+ sign 1565.912 ± 573.441 $\chi^2/\text{NDF}: 10.9/14$

All: -880.748 ± 406.445 $\chi^2/\text{NDF}: 56.8/29$

- sign -3350.749 ± 576.170 $\chi^2/\text{NDF}: 9.3/14$

asym_us_avg_rms vs Slug



Right In: 1774.403+/-1.129 χ^2/NDF : 4420.9/3

Left Out: 1692.317+/-0.434 χ^2/NDF : 245790.9/10

Right Out: 2160.204+/-1.074 χ^2/NDF : 21870.1/4

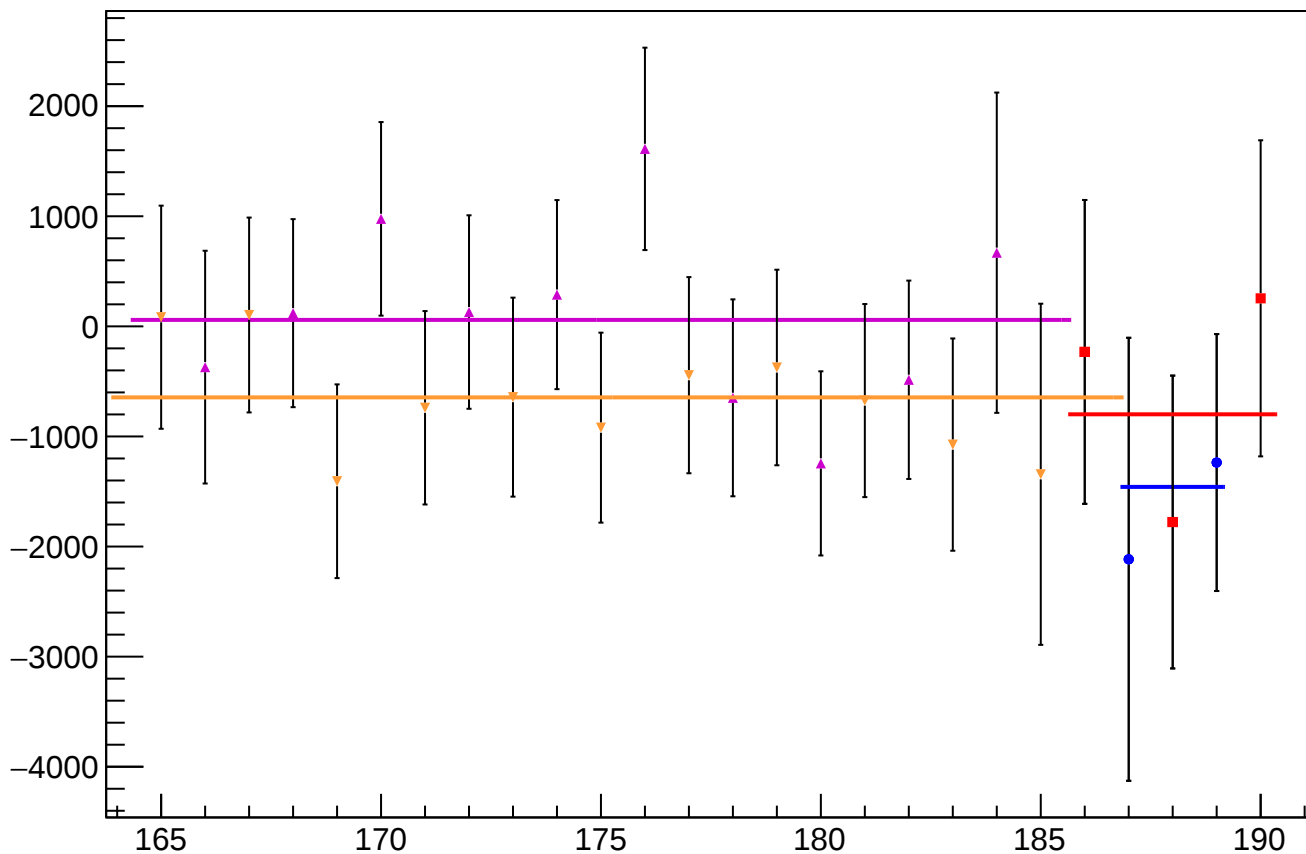
Left In: 1647.376+/-0.440 χ^2/NDF : 364463.2/9

+ sign 1702.900+/-0.405 χ^2/NDF : 254814.3/14

All: 1711.970+/-0.287 χ^2/NDF : 837243.3/29

- sign 1721.126+/-0.407 χ^2/NDF : 581423.5/14

dit_asym_us_dd_mean vs Slug



Right In: -1458.233 ± 713.779 χ^2/NDF : 0.3/3

Left Out: -645.184 ± 280.312 χ^2/NDF : 2.6/10

Right Out: -798.906 ± 612.423 χ^2/NDF : 2.0/4

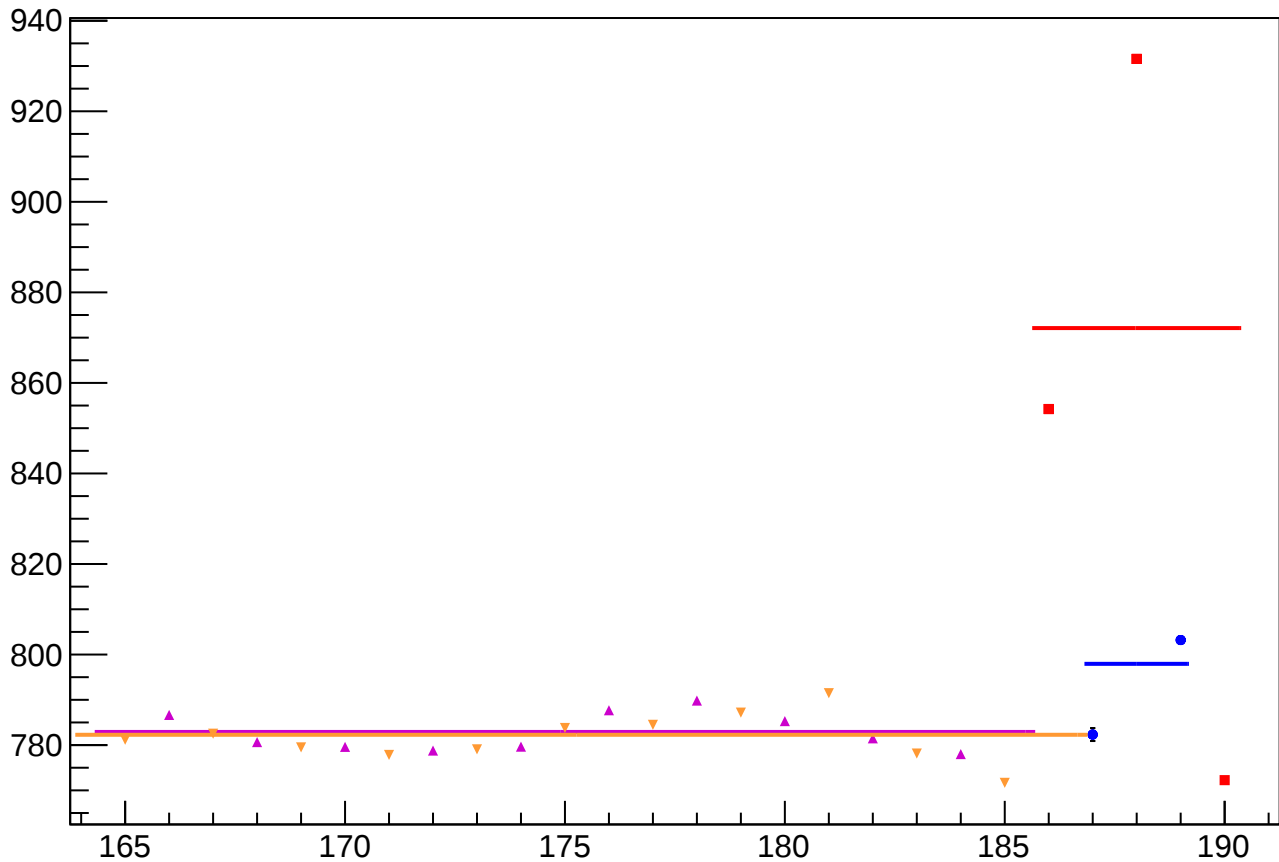
Left In: 58.633 ± 291.364 χ^2/NDF : 7.8/9

+ sign -753.822 ± 260.913 χ^2/NDF : 4.1/14

All: -429.468 ± 185.264 χ^2/NDF : 18.5/29

- sign -99.640 ± 263.105 χ^2/NDF : 11.3/14

dit_asym_us_dd_rms vs Slug



Right In: 797.947 $\pm$ 0.505 χ^2 /NDF: 322.4/3

Left Out: 782.278 $\pm$ 0.198 χ^2 /NDF: 528.5/10

Right Out: 872.112 $\pm$ 0.433 χ^2 /NDF: 18342.4/4

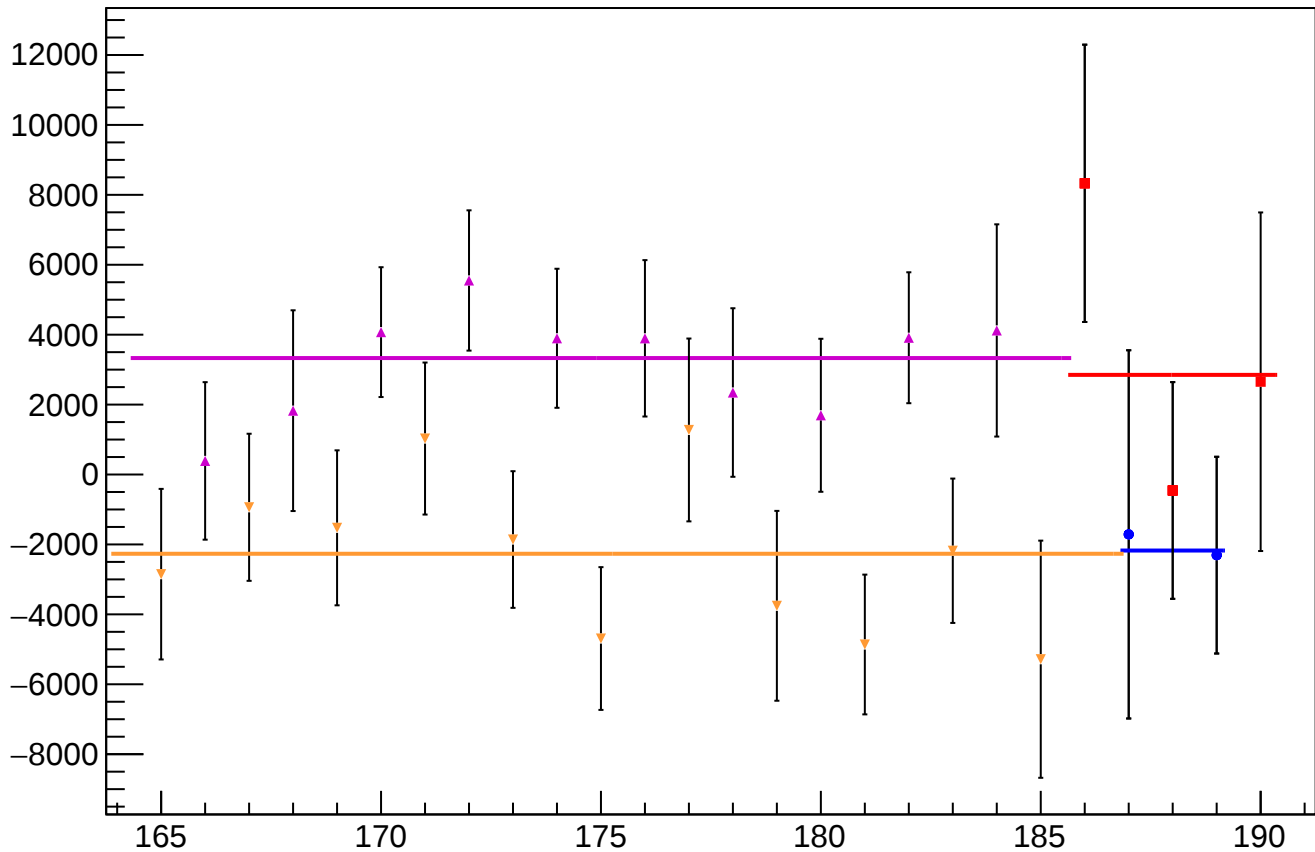
Left In: 782.905 $\pm$ 0.206 χ^2 /NDF: 357.9/9

+ sign 784.371 $\pm$ 0.184 χ^2 /NDF: 1685.9/14

All: 791.808 $\pm$ 0.131 χ^2 /NDF: 58266.5/29

- sign 799.370 $\pm$ 0.186 χ^2 /NDF: 53303.9/14

asym_us_dd_correction_mean vs Slug



Right In: -2174.549 ± 1754.879 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -2266.873 ± 679.726 $\chi^2/\text{NDF}: 8.9/10$

Right Out: 2850.076 ± 1626.599 $\chi^2/\text{NDF}: 6.1/4$

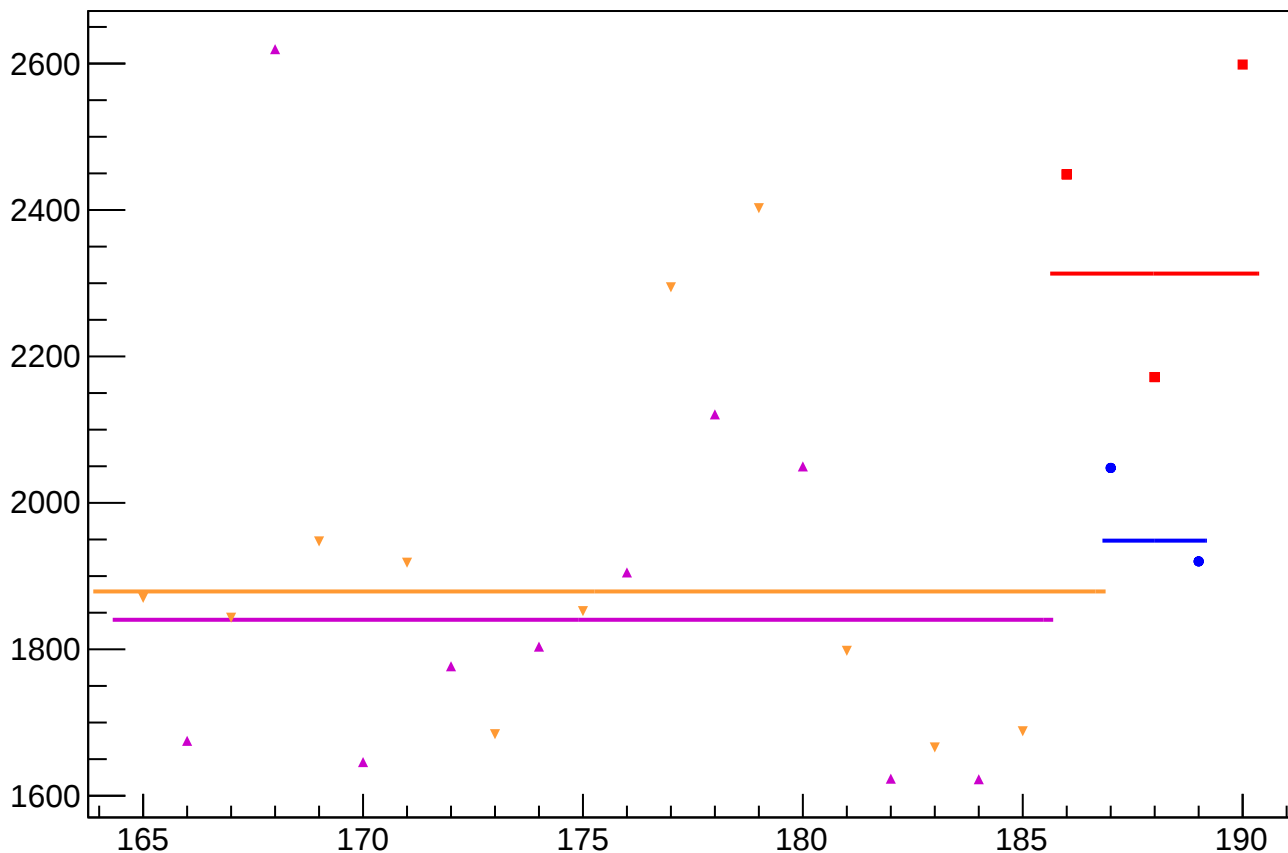
Left In: 3331.168 ± 692.671 $\chi^2/\text{NDF}: 4.4/9$

+ sign -2254.829 ± 633.840 $\chi^2/\text{NDF}: 9.0/14$

All: 486.270 ± 449.409 $\chi^2/\text{NDF}: 57.1/29$

- sign 3257.319 ± 637.293 $\chi^2/\text{NDF}: 10.6/14$

asym_us_dd_correction_rms vs Slug



Right In: 1948.426+/-1.241 χ^2 /NDF: 1828.0/3

Left Out: 1879.025+/-0.481 χ^2 /NDF:179124.4/10

Right Out: 2313.151+/-1.150 χ^2 /NDF: 19940.4/4

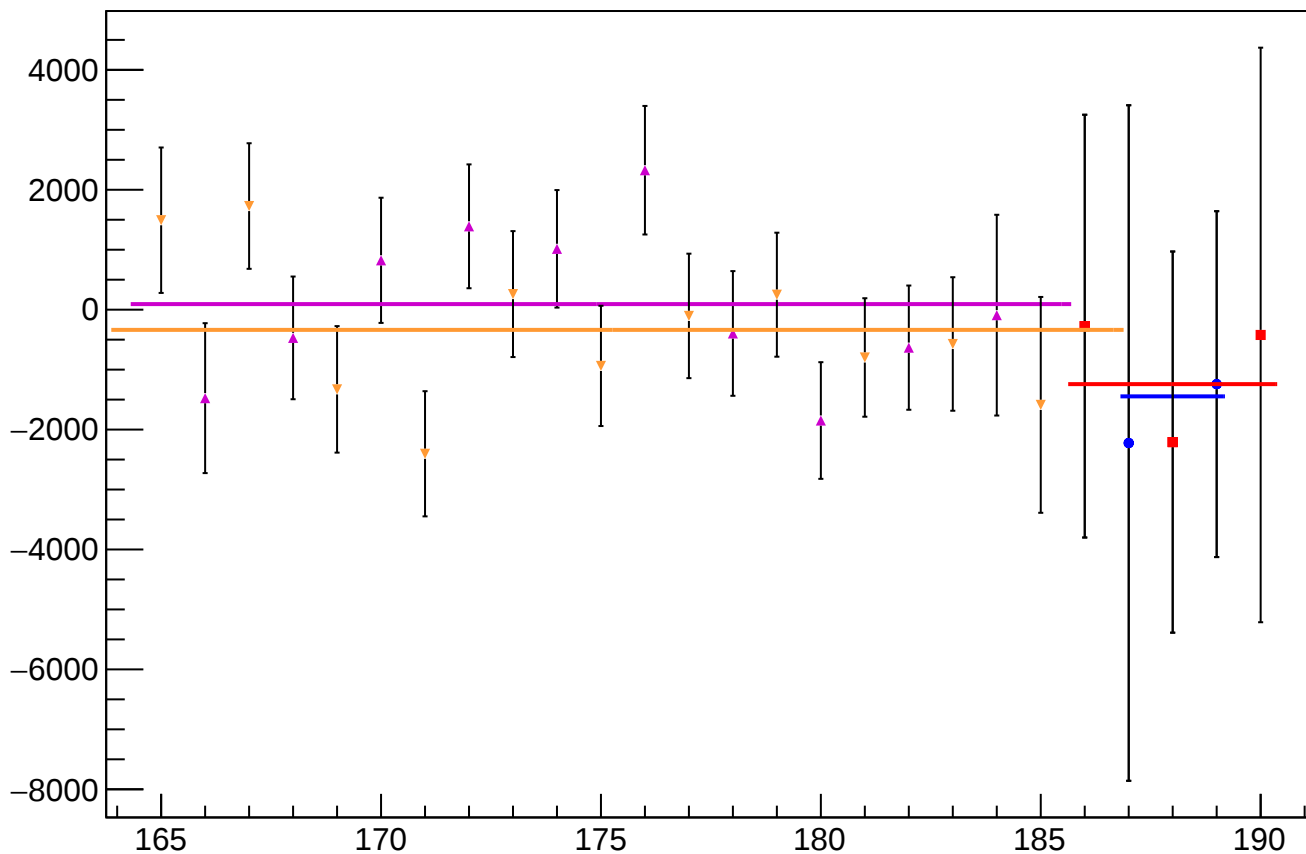
Left In: 1840.342+/-0.490 χ^2 /NDF:266955.1/9

+ sign 1888.079+/-0.448 χ^2 /NDF: 183672.3/14

All: 1900.432+/-0.318 χ^2 /NDF: 615137.8/29

- sign 1912.920+/-0.451 χ^2 /NDF: 429937.8/14

asym_us_dd_mean vs Slug



Right In: -1446.123 ± 1815.607 χ^2/NDF : 0.0/3

Left Out: -337.032 ± 327.741 χ^2/NDF : 12.8/10

Right Out: -1241.905 ± 1576.557 χ^2/NDF : 0.4/4

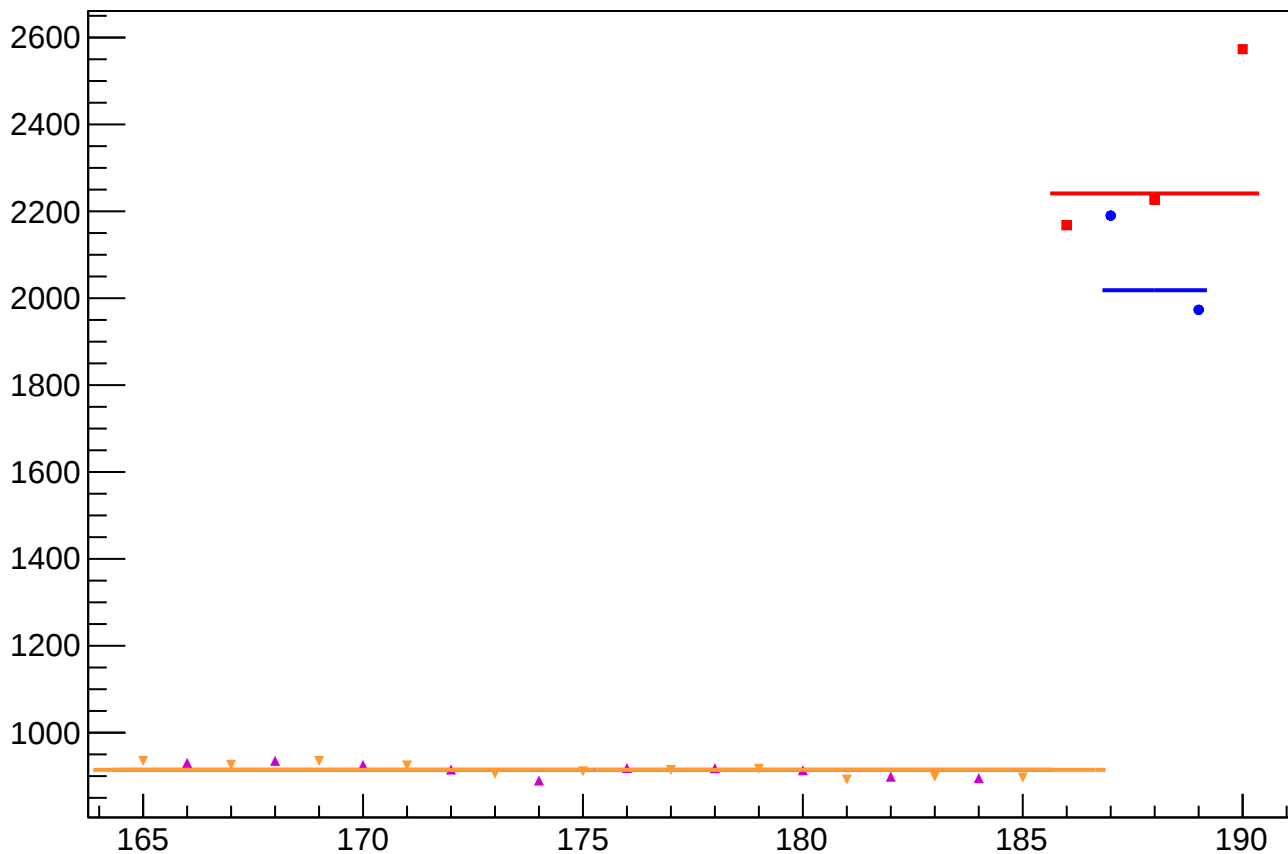
Left In: 92.942 ± 340.405 χ^2/NDF : 13.9/9

+ sign -372.031 ± 322.528 χ^2/NDF : 13.2/14

All: -175.590 ± 231.587 χ^2/NDF : 28.9/29

- sign 33.484 ± 332.738 χ^2/NDF : 14.9/14

asym_us_dd_rms vs Slug



Right In: 2018.378+/-1.284 χ^2/NDF : 4690.4/3

Left Out: 914.469+/-0.232 χ^2/NDF : 3551.8/10

Right Out: 2241.127+/-1.115 χ^2/NDF : 11395.3/4

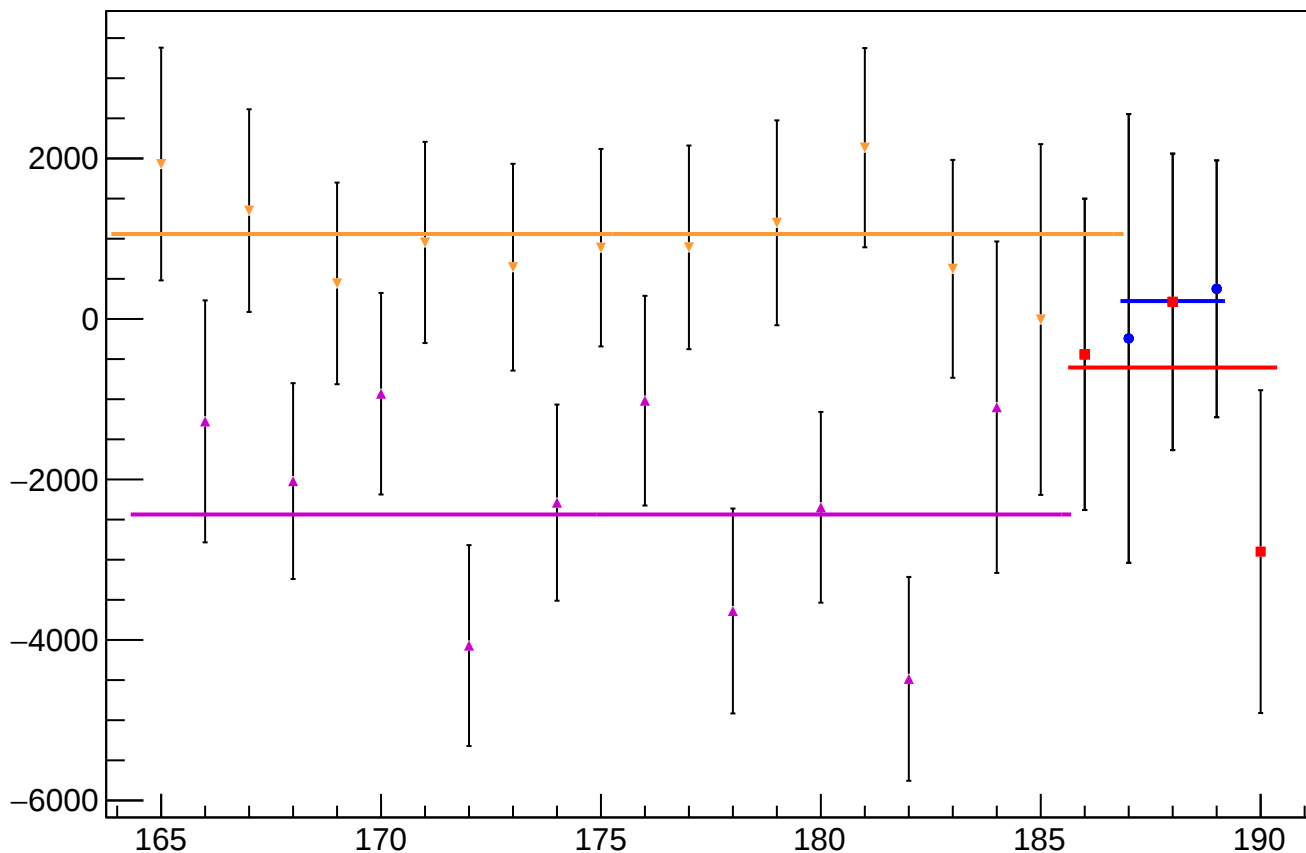
Left In: 914.498+/-0.241 χ^2/NDF : 3417.4/9

+ sign 949.305+/-0.228 χ^2/NDF : 724264.9/14

All: 961.069+/-0.164 χ^2/NDF : 2097642.0/29

- sign 973.591+/-0.235 χ^2/NDF : 1367883.6/14

dit_asym_usl_mean vs Slug



Right In: 223.230 ± 981.985 $\chi^2/\text{NDF}: 0.1/3$

Left Out: 1058.742 ± 399.332 $\chi^2/\text{NDF}: 1.9/10$

Right Out: -605.032 ± 855.986 $\chi^2/\text{NDF}: 1.7/4$

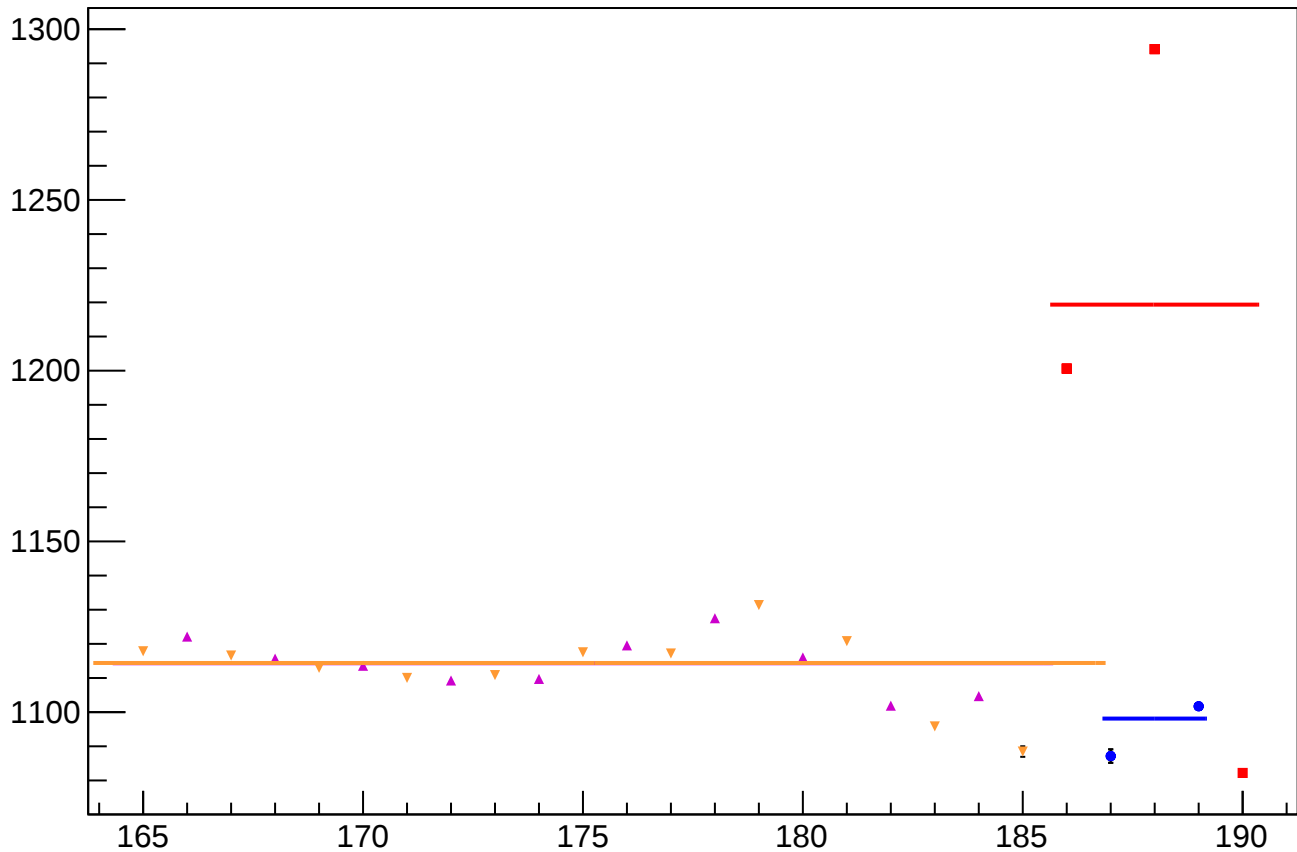
Left In: -2436.363 ± 414.706 $\chi^2/\text{NDF}: 9.0/9$

+ sign 940.180 ± 369.915 $\chi^2/\text{NDF}: 2.6/14$

All: -560.586 ± 262.728 $\chi^2/\text{NDF}: 50.2/29$

- sign -2088.229 ± 373.213 $\chi^2/\text{NDF}: 14.4/14$

dit_asym_usl_rms vs Slug



Right In: 1098.119 $\pm$ 0.694 χ^2 /NDF: 81.9/3

Left Out: 1114.403 $\pm$ 0.282 χ^2 /NDF: 1143.5/10

Right Out: 1219.341 $\pm$ 0.605 χ^2 /NDF: 16229.7/4

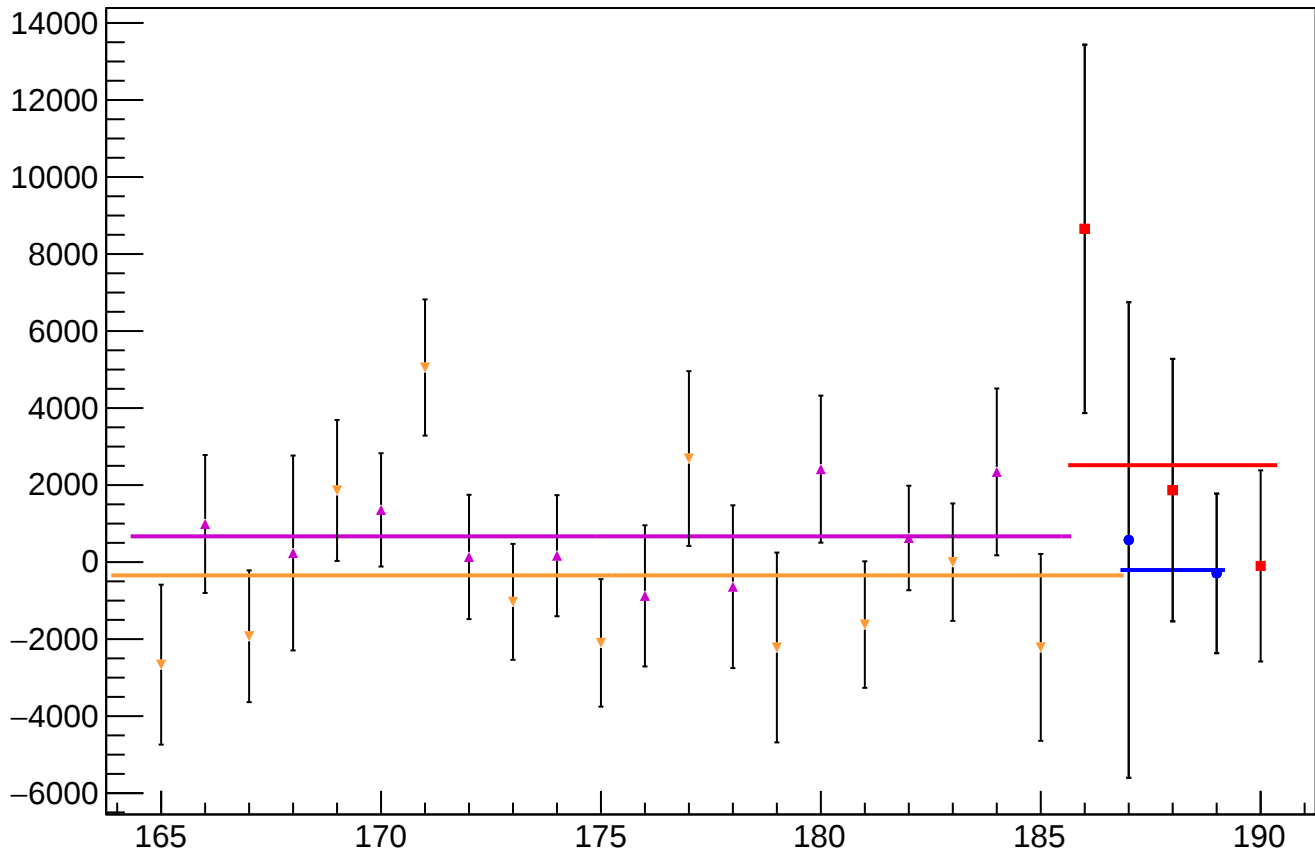
Left In: 1114.321 $\pm$ 0.293 χ^2 /NDF: 601.6/9

+ sign 1112.092 $\pm$ 0.262 χ^2 /NDF: 1697.3/14

All: 1123.090 $\pm$ 0.186 χ^2 /NDF: 46478.6/29

- sign 1134.286 $\pm$ 0.264 χ^2 /NDF: 41213.6/14

asym_usl_correction_mean vs Slug



Right In: -205.425+/-1388.931 χ^2/NDF : 0.0/3

Left Out: -344.512+/-548.253 χ^2/NDF : 17.8/10

Right Out: 2516.784+/-1539.317 χ^2/NDF : 4.5/4

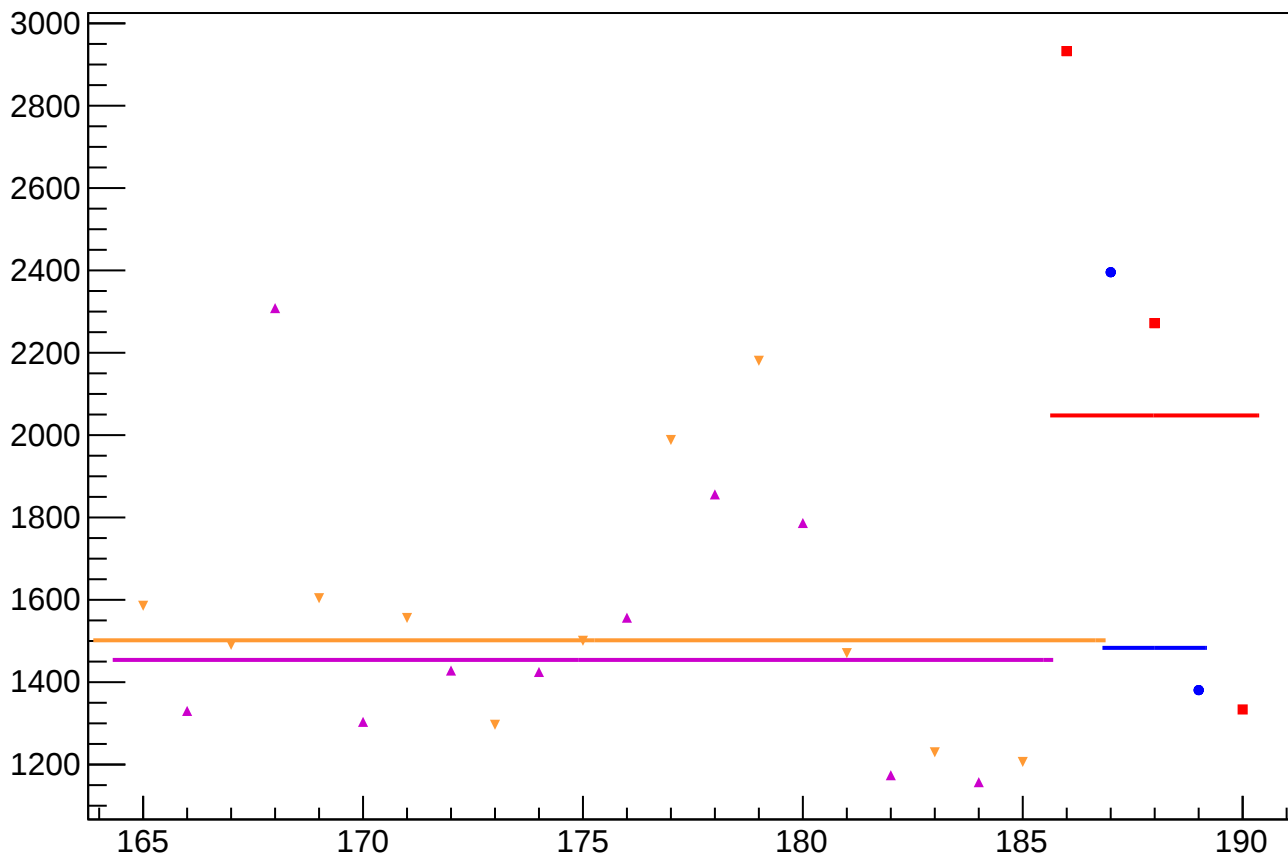
Left In: 669.284+/-553.023 χ^2/NDF : 3.0/9

+ sign -325.762+/-509.962 χ^2/NDF : 17.9/14

All: 265.079+/-364.250 χ^2/NDF : 29.4/29

- sign 880.483+/-520.454 χ^2/NDF : 8.8/14

asym_usl_correction_rms vs Slug



Right In: 1483.348+/-0.982 χ^2/NDF : 97119.7/3

Left Out: 1501.715+/-0.388 χ^2/NDF : 386242.3/10

Right Out: 2047.782+/-1.088 χ^2/NDF : 319810.6/4

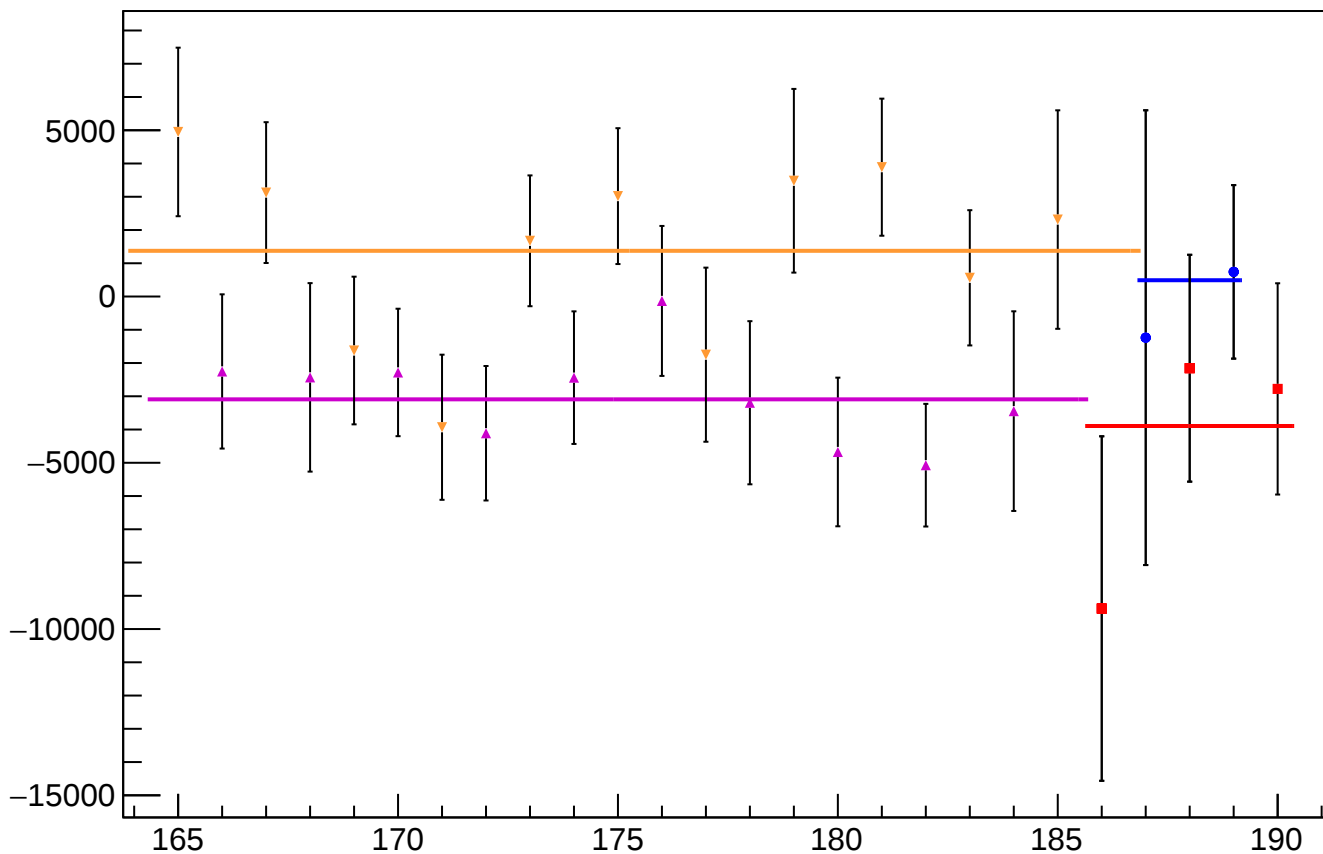
Left In: 1454.081+/-0.391 χ^2/NDF : 521642.0/9

+ sign 1499.239+/-0.361 χ^2/NDF : 483664.6/14

All: 1510.364+/-0.258 χ^2/NDF : 1590564.1/29

- sign 1521.951+/-0.368 χ^2/NDF : 1104956.4/14

asym_usl_mean vs Slug



Right In: 489.676 ± 1723.795 $\chi^2/\text{NDF}: 0.1/3$

Left Out: 1374.186 ± 684.155 $\chi^2/\text{NDF}: 14.8/10$

Right Out: -3893.936 ± 1701.304 $\chi^2/\text{NDF}: 2.9/4$

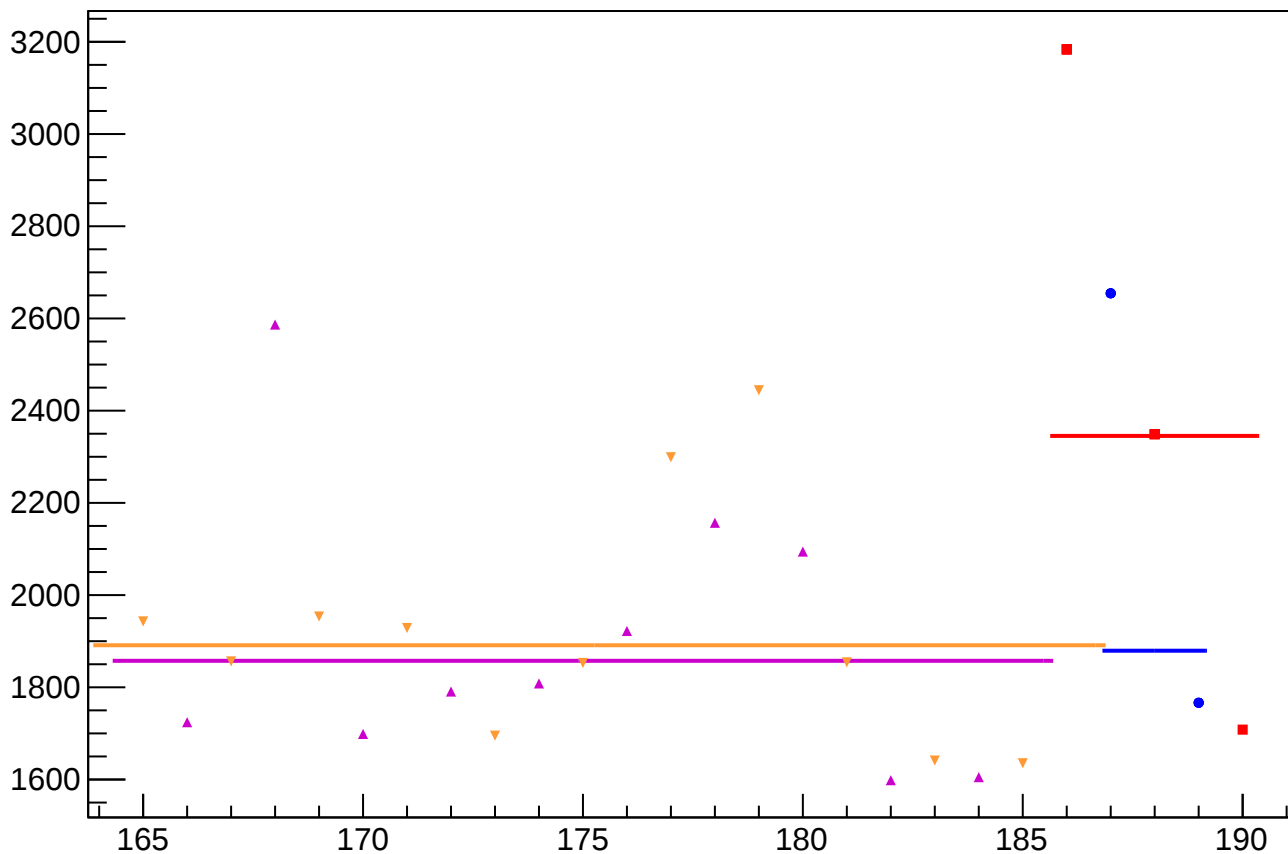
Left In: -3092.341 ± 698.965 $\chi^2/\text{NDF}: 4.1/9$

+ sign 1253.818 ± 635.902 $\chi^2/\text{NDF}: 15.2/14$

All: -940.174 ± 453.361 $\chi^2/\text{NDF}: 46.6/29$

- sign -3208.103 ± 646.528 $\chi^2/\text{NDF}: 7.2/14$

asym_usl_rms vs Slug



Right In: 1879.378+/-1.219 χ^2/NDF : 58879.1/3

Left Out: 1891.196+/-0.484 χ^2/NDF : 195836.5/10

Right Out: 2345.241+/-1.203 χ^2/NDF : 185230.4/4

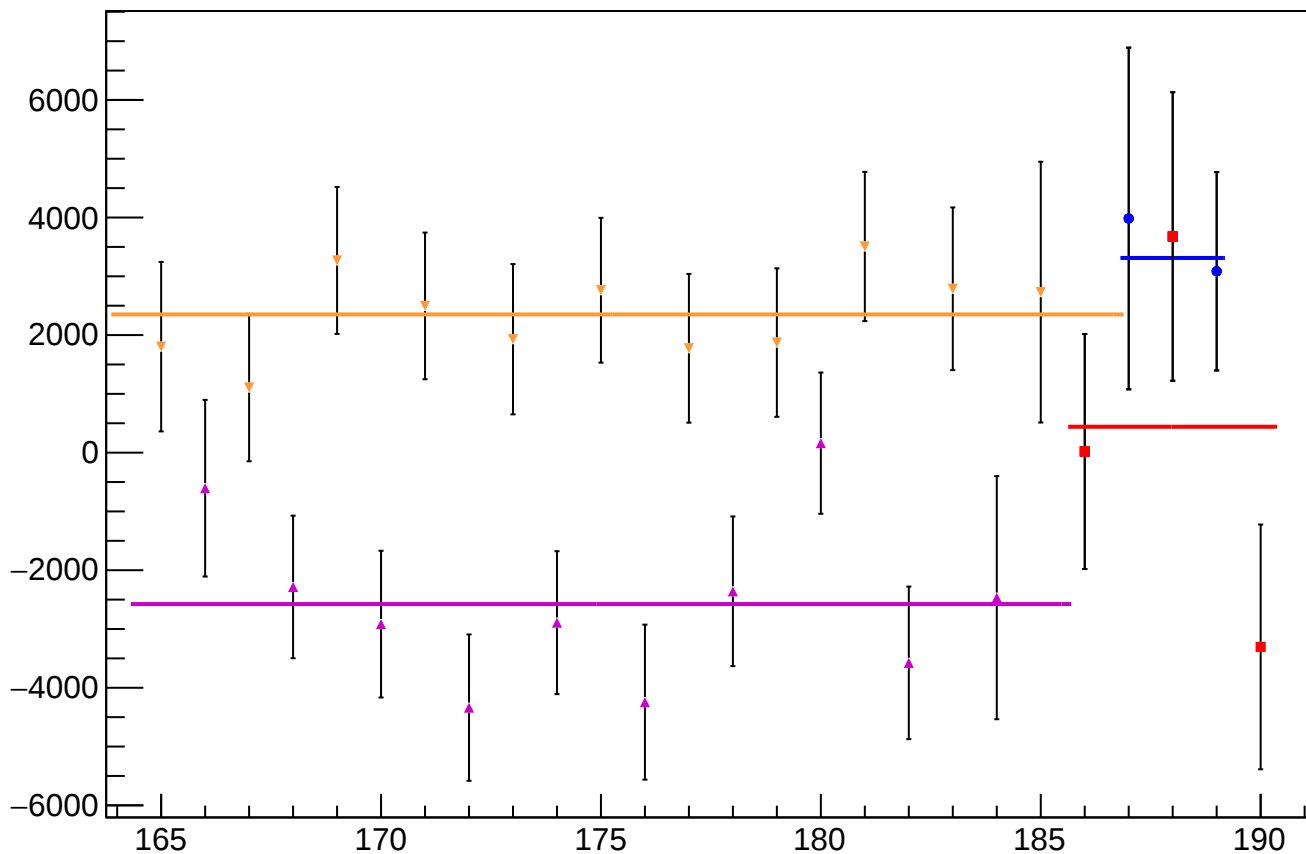
Left In: 1857.447+/-0.494 χ^2/NDF : 263581.1/9

+ sign 1889.588+/-0.450 χ^2/NDF : 254796.8/14

All: 1908.422+/-0.321 χ^2/NDF : 847846.6/29

- sign 1927.891+/-0.457 χ^2/NDF : 589481.7/14

dit_asym_usr_mean vs Slug



Right In: 3312.165 $\pm$ 1032.145 χ^2/NDF : 0.1/3

Left Out: 2351.609 $\pm$ 399.409 χ^2/NDF : 3.2/10

Right Out: 440.212 $\pm$ 969.822 χ^2/NDF : 6.8/4

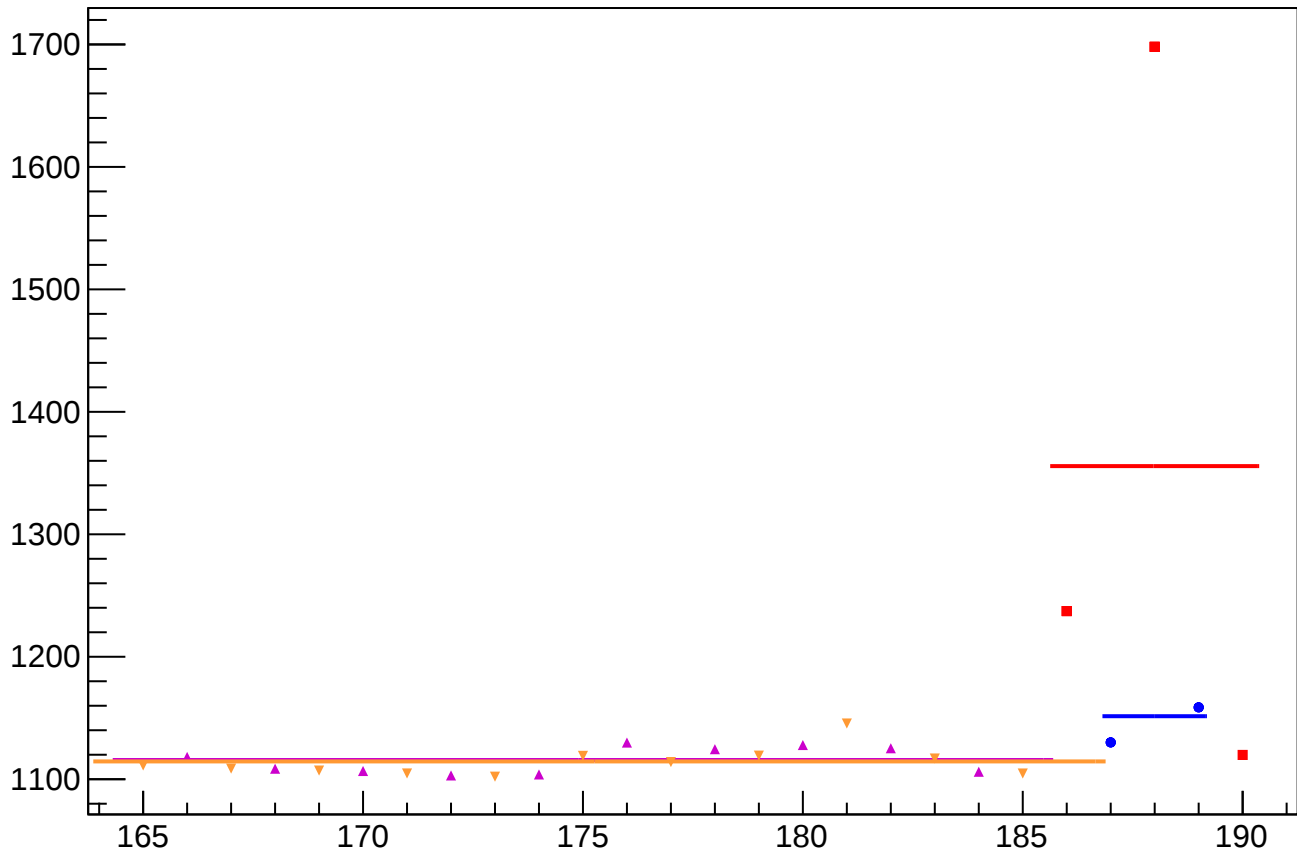
Left In: -2575.438 $\pm$ 415.250 χ^2/NDF : 11.3/9

+ sign 2476.714 $\pm$ 372.492 χ^2/NDF : 4.1/14

All: 240.392 $\pm$ 266.598 χ^2/NDF : 104.3/29

- sign -2108.230 $\pm$ 381.730 χ^2/NDF : 26.3/14

dit_asym_usr_rms vs Slug



Right In: 1151.456 $\pm$ 0.730 χ^2 /NDF: 289.9/3

Left Out: 1114.537 $\pm$ 0.282 χ^2 /NDF: 1730.4/10

Right Out: 1355.682 $\pm$ 0.686 χ^2 /NDF: 117533.1/4

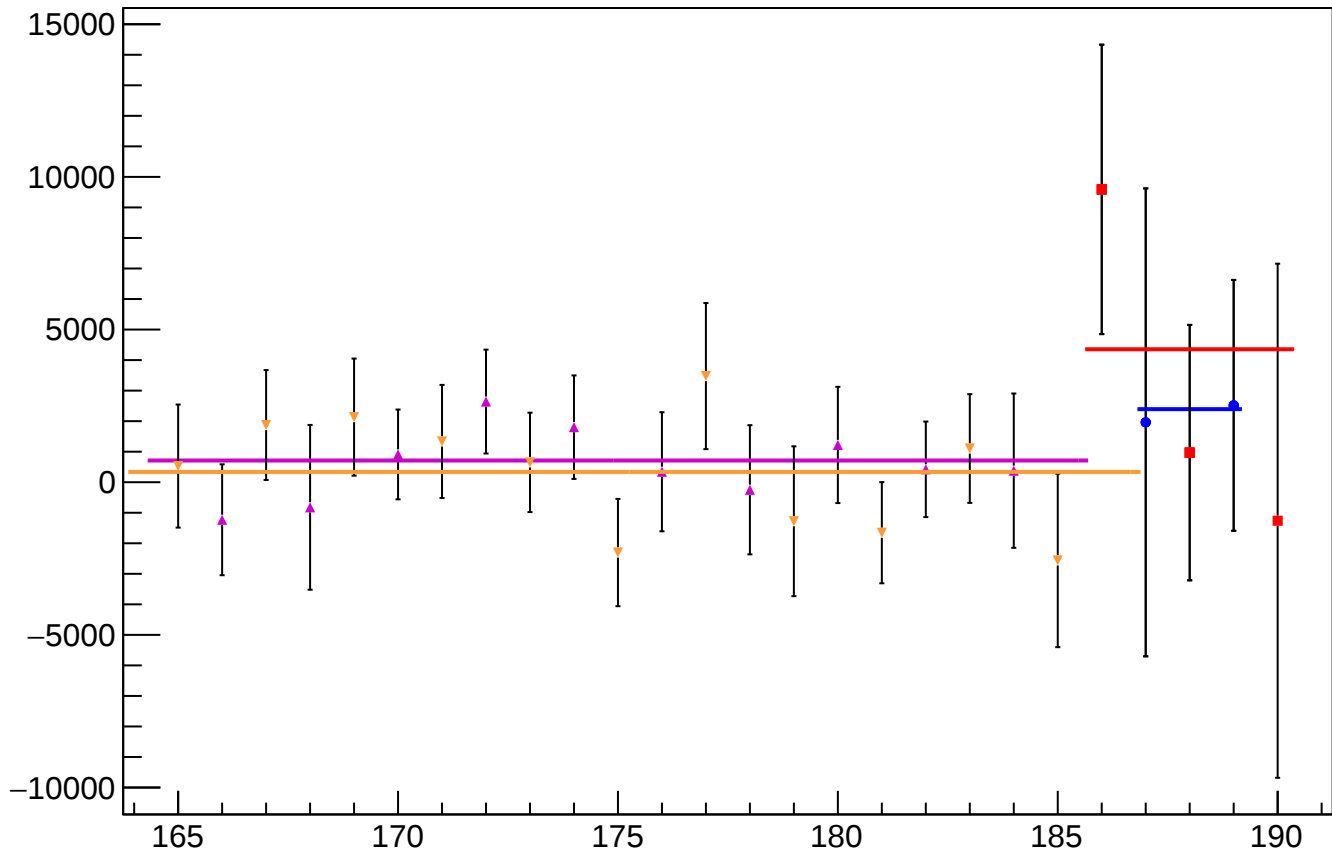
Left In: 1115.698 $\pm$ 0.294 χ^2 /NDF: 1260.6/9

+ sign 1119.345 $\pm$ 0.263 χ^2 /NDF: 4246.0/14

All: 1135.701 $\pm$ 0.189 χ^2 /NDF: 234436.5/29

- sign 1152.878 $\pm$ 0.270 χ^2 /NDF: 222284.8/14

asym_usr_correction_mean vs Slug



Right In: 2393.173+/-2560.202 χ^2/NDF : 0.0/3

Left Out: 337.216+/-580.828 χ^2/NDF : 9.0/10

Right Out: 4354.747+/-2144.662 χ^2/NDF : 4.2/4

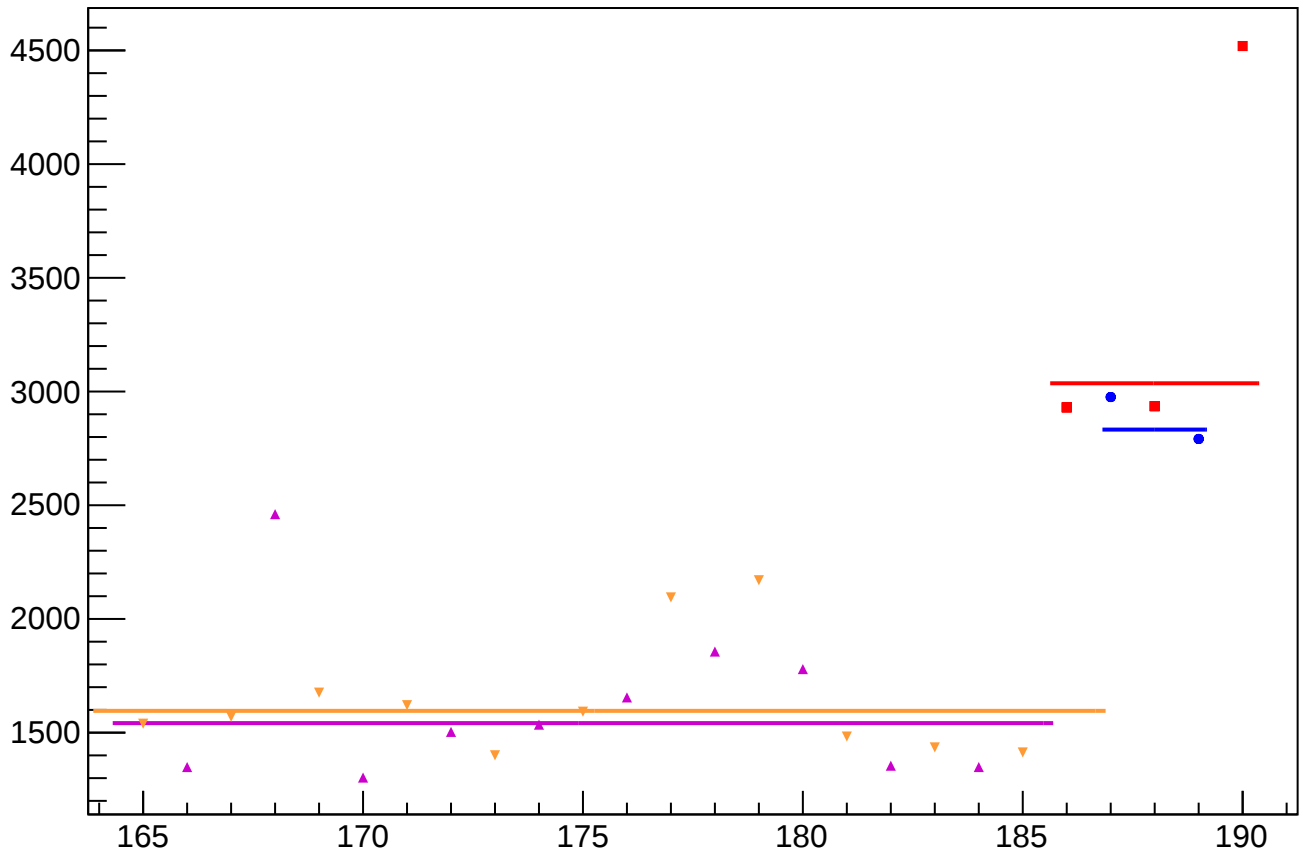
Left In: 711.083+/-584.759 χ^2/NDF : 3.6/9

+ sign 437.855+/-566.434 χ^2/NDF : 9.6/14

All: 701.591+/-399.724 χ^2/NDF : 20.5/29

- sign 963.217+/-564.164 χ^2/NDF : 10.4/14

asym_usr_correction_rms vs Slug



Right In: 2832.684 ± 1.810 χ^2/NDF : 1796.1/3

Left Out: 1595.902 ± 0.411 χ^2/NDF : 265029.9/10

Right Out: 3036.293 ± 1.517 χ^2/NDF : 66367.3/4

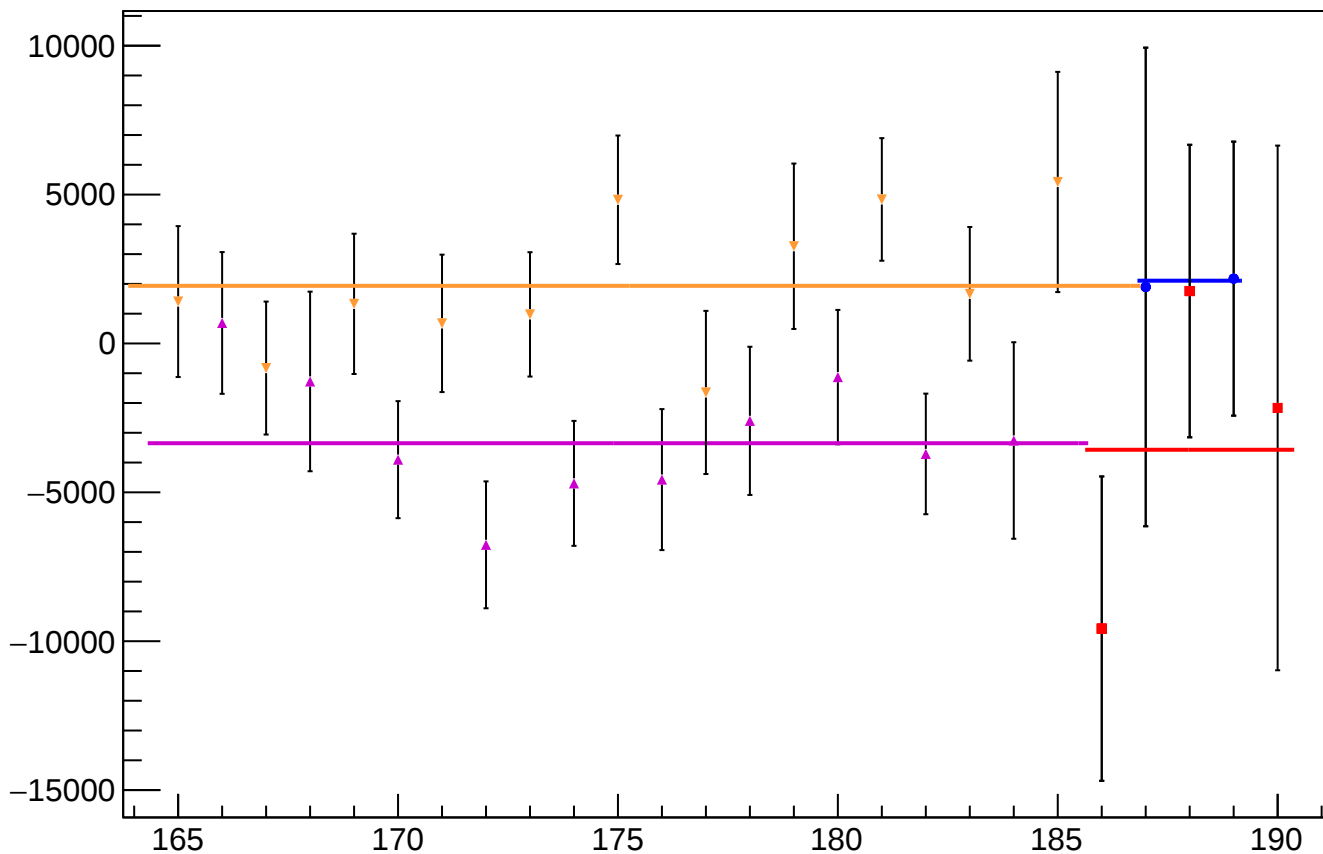
Left In: 1541.958 ± 0.413 χ^2/NDF : 431040.2/9

+ sign 1656.442 ± 0.401 χ^2/NDF : 710711.9/14

All: 1650.880 ± 0.283 χ^2/NDF : 2112290.2/29

- sign 1645.363 ± 0.399 χ^2/NDF : 1401194.1/14

asym_usr_mean vs Slug



Right In: 2107.580 $\pm$ 2823.668 χ^2 /NDF: 0.0/3

Left Out: 1935.327 $\pm$ 718.202 χ^2 /NDF: 8.8/10

Right Out: -3570.449 $\pm$ 2408.920 χ^2 /NDF: 5.1/4

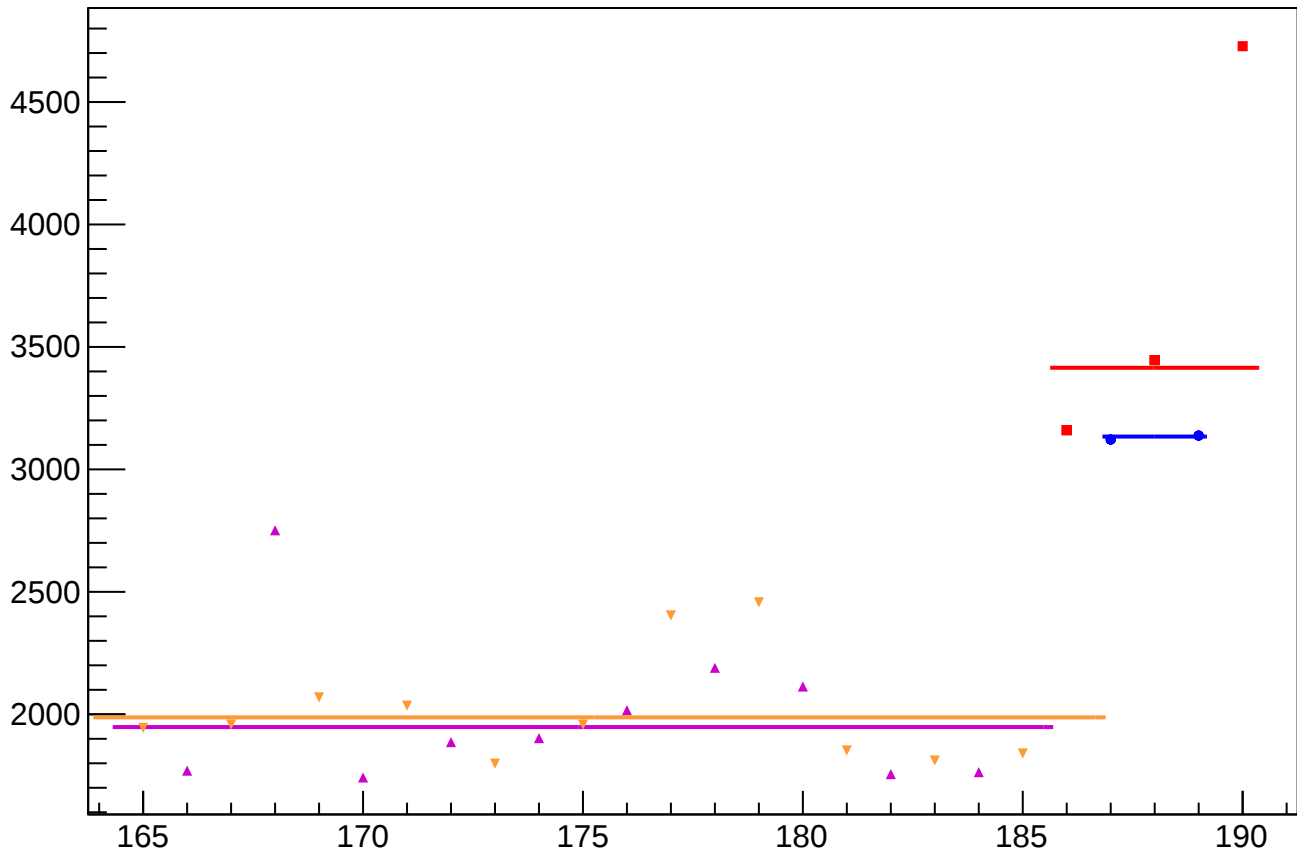
Left In: -3350.413 $\pm$ 732.321 χ^2 /NDF: 7.8/9

+ sign 1945.794 $\pm$ 696.040 χ^2 /NDF: 8.8/14

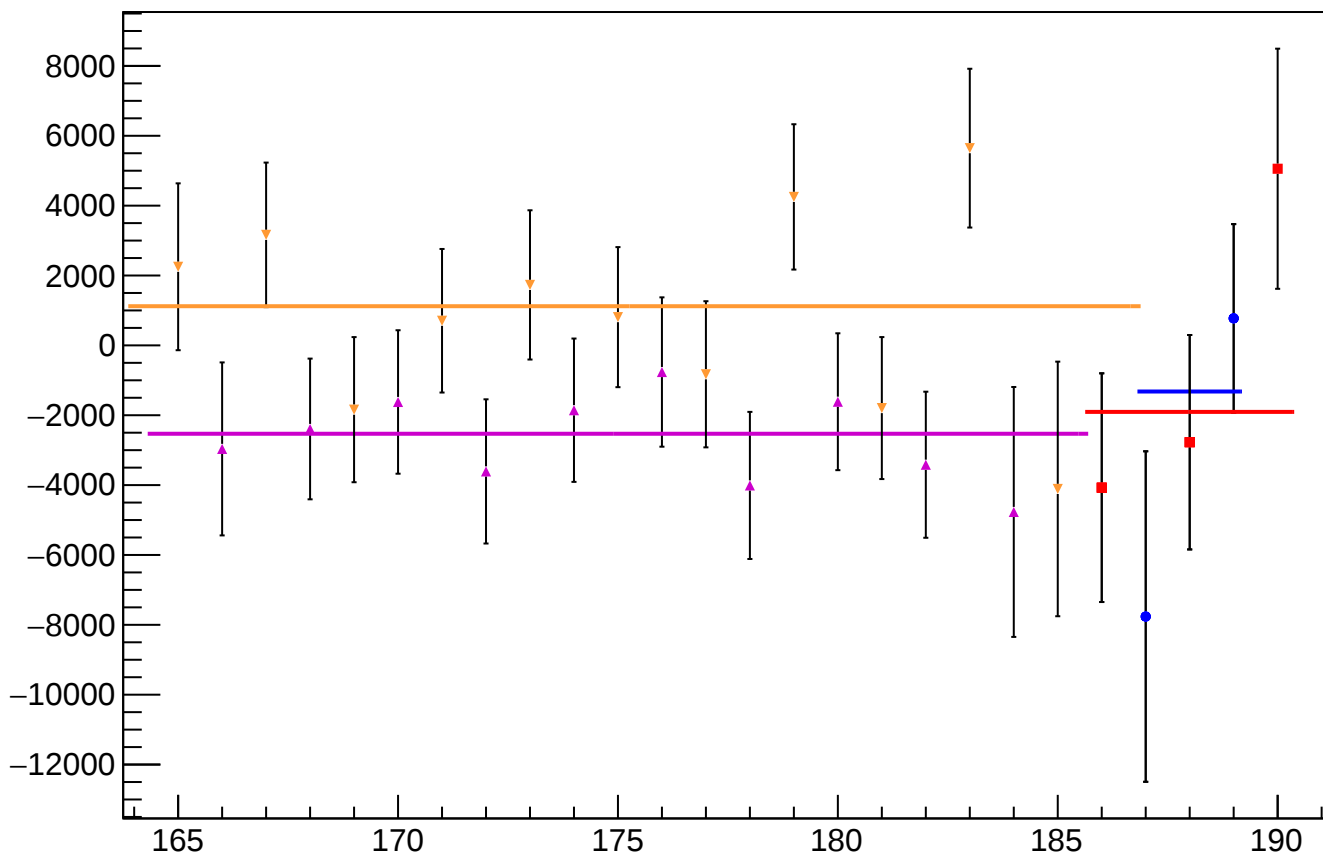
All: -694.040 $\pm$ 493.800 χ^2 /NDF: 50.7/29

- sign -3369.028 $\pm$ 700.659 χ^2 /NDF: 12.9/14

asym_usr_rms vs Slug



dit_asym_at1_avg_mean vs Slug



Right In: -1320.791+/-1657.018 χ^2/NDF : 4.9/3

Left Out: 1121.131+/-657.102 χ^2/NDF : 14.6/10

Right Out: -1904.260+/-1438.107 χ^2/NDF : 5.1/4

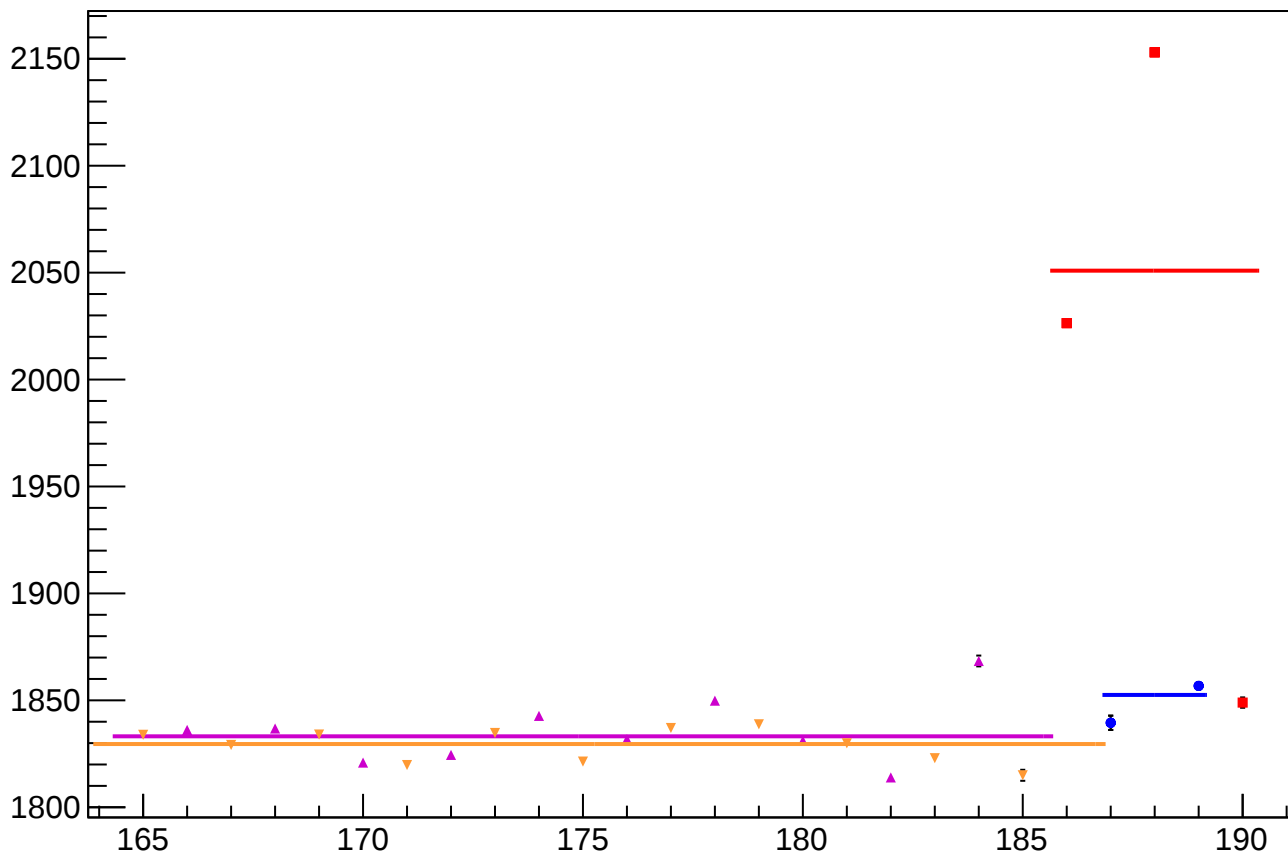
Left In: -2530.143+/-685.059 χ^2/NDF : 2.6/9

+ sign 789.303+/-610.826 χ^2/NDF : 21.4/14

All: -792.617+/-434.597 χ^2/NDF : 42.8/29

- sign -2414.385+/-618.471 χ^2/NDF : 7.9/14

dit_asym_at1_avg_rms vs Slug



Right In: 1852.530 $\pm$ 1.172 χ^2/NDF : 40.2/3

Left Out: 1829.567 $\pm$ 0.465 χ^2/NDF : 220.9/10

Right Out: 2050.925 $\pm$ 1.017 χ^2/NDF : 11555.8/4

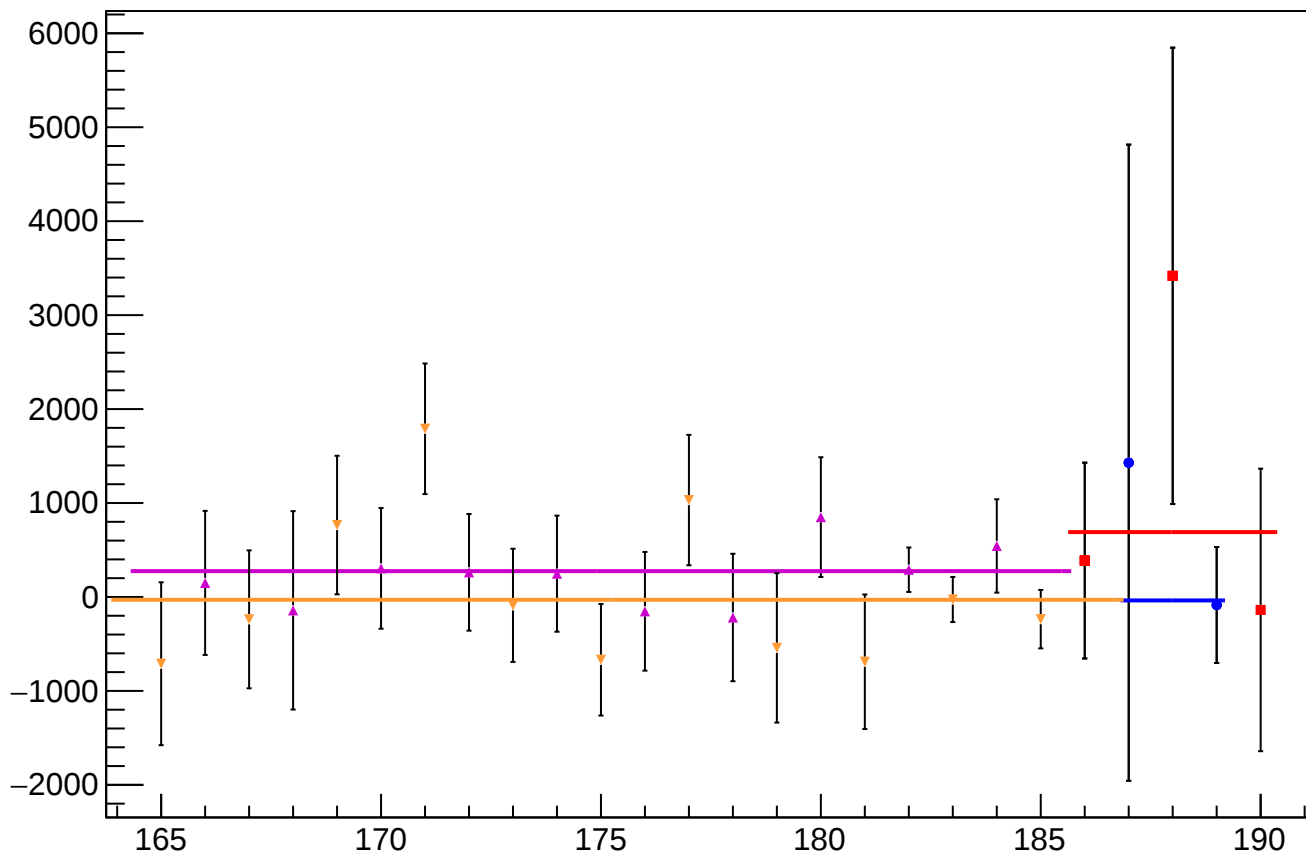
Left In: 1833.177 $\pm$ 0.484 χ^2/NDF : 651.3/9

+ sign 1832.688 $\pm$ 0.432 χ^2/NDF : 593.0/14

All: 1852.815 $\pm$ 0.307 χ^2/NDF : 54569.4/29

- sign 1873.450 $\pm$ 0.437 χ^2/NDF : 49578.5/14

asym_at1_avg_correction_mean vs Slug



Right In: -36.747 ± 429.420 $\chi^2/\text{NDF}: 0.4/3$

Left Out: -30.166 ± 147.446 $\chi^2/\text{NDF}: 13.9/10$

Right Out: 690.544 ± 617.355 $\chi^2/\text{NDF}: 3.0/4$

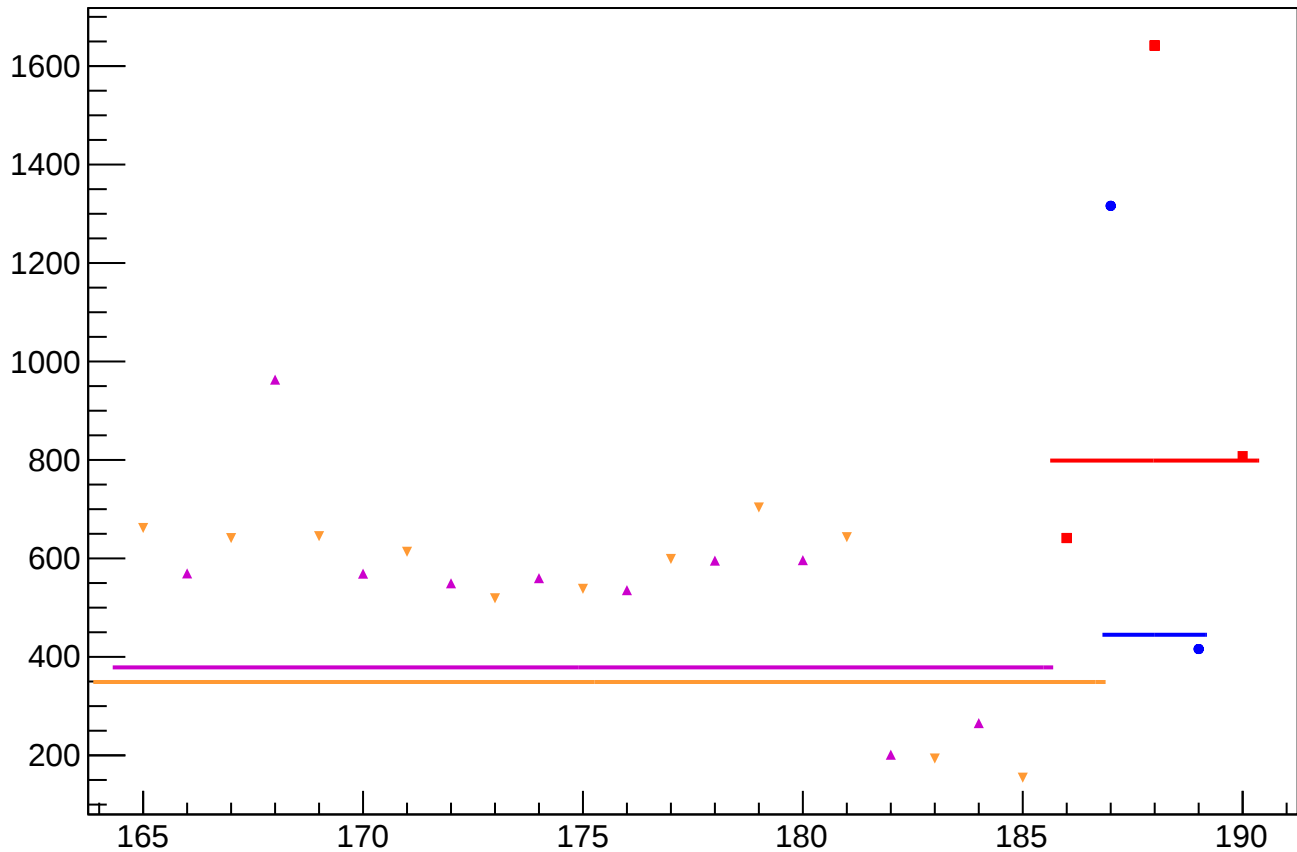
Left In: 274.972 ± 159.511 $\chi^2/\text{NDF}: 2.3/9$

+ sign -30.860 ± 139.454 $\chi^2/\text{NDF}: 14.3/14$

All: 118.184 ± 103.502 $\chi^2/\text{NDF}: 22.6/29$

- sign 300.979 ± 154.439 $\chi^2/\text{NDF}: 5.7/14$

asym_at1_avg_correction_rms vs Slug



Right In: 444.918+/-0.304 χ^2/NDF : 273655.8/3

Left Out: 348.990+/-0.104 χ^2/NDF : 4165999.1/10

Right Out: 798.741+/-0.437 χ^2/NDF : 573176.1/4

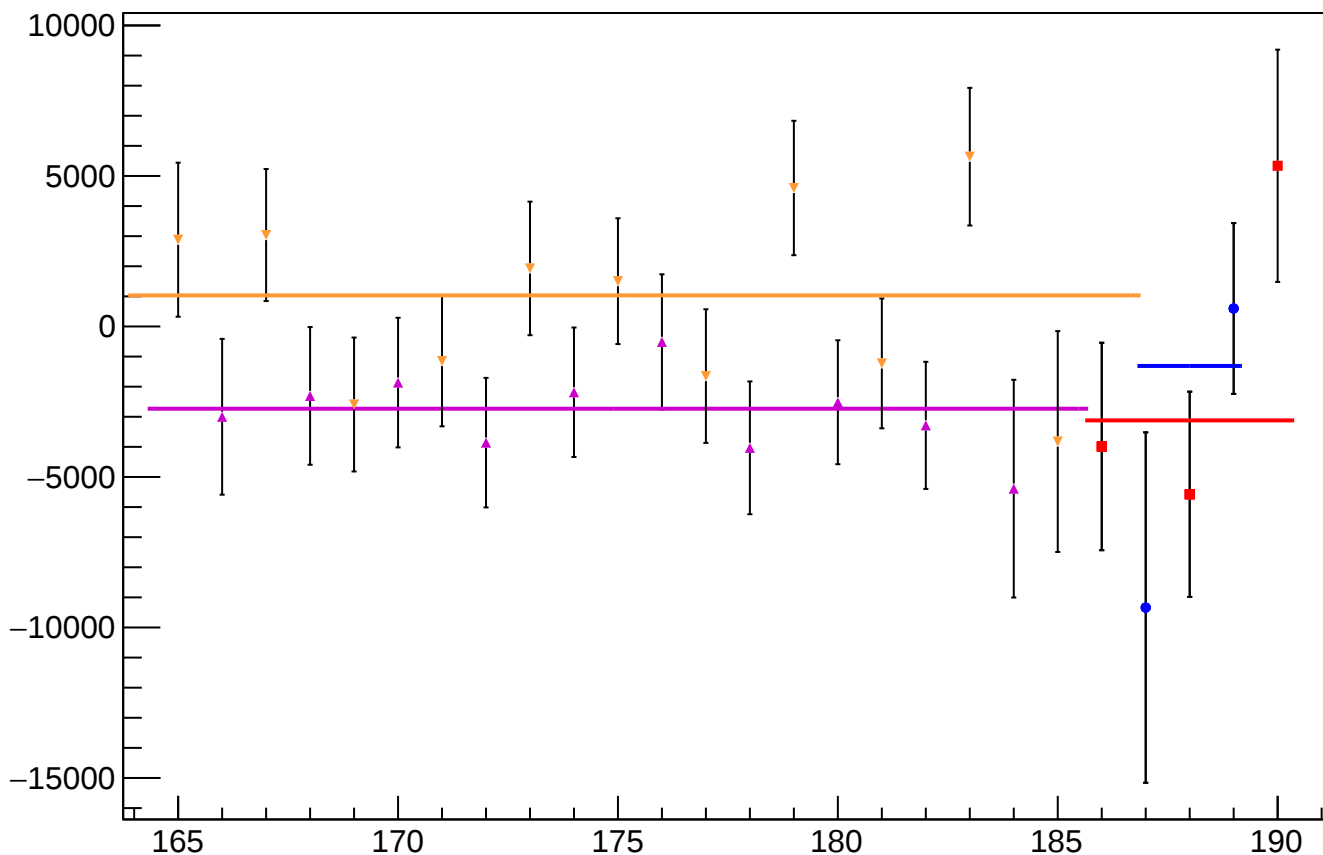
Left In: 378.649+/-0.113 χ^2/NDF : 3025841.0/9

+ sign 359.107+/-0.099 χ^2/NDF : 4528934.1/14

All: 379.692+/-0.073 χ^2/NDF : 9093103.7/29

- sign 404.939+/-0.109 χ^2/NDF : 4467144.6/14

asym_at1_avg_mean vs Slug



Right In: -1311.411 ± 1803.903 $\chi^2/\text{NDF}: 4.7/3$

Left Out: 1032.608 ± 691.381 $\chi^2/\text{NDF}: 16.2/10$

Right Out: -3120.635 ± 1566.323 $\chi^2/\text{NDF}: 6.0/4$

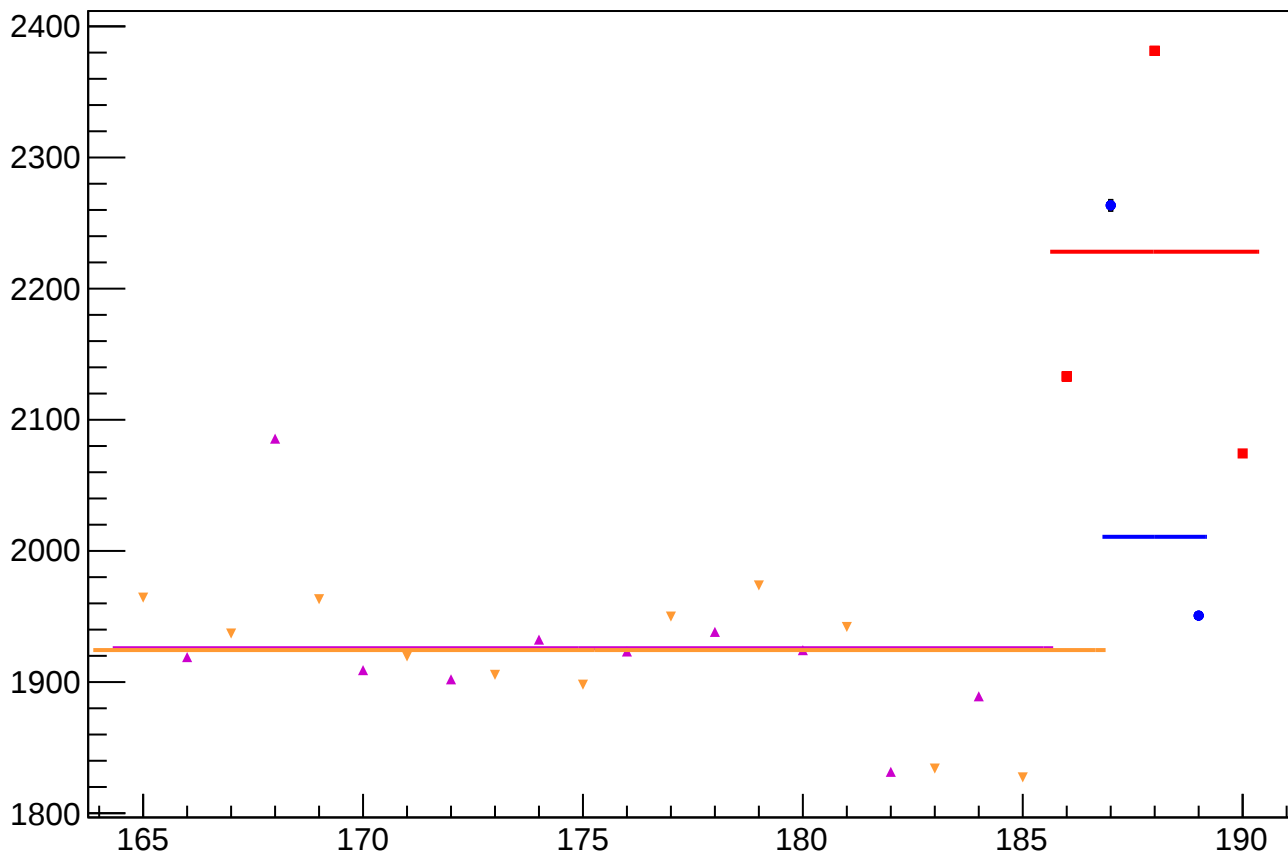
Left In: -2732.175 ± 720.005 $\chi^2/\text{NDF}: 2.5/9$

+ sign 732.384 ± 645.588 $\chi^2/\text{NDF}: 22.3/14$

All: -1010.380 ± 459.513 $\chi^2/\text{NDF}: 45.6/29$

- sign -2799.939 ± 654.198 $\chi^2/\text{NDF}: 8.5/14$

asym_at1_avg_rms vs Slug



Right In: 2010.773+/-1.276 χ^2/NDF : 9333.2/3

Left Out: 1924.401+/-0.489 χ^2/NDF : 7532.5/10

Right Out: 2228.155+/-1.108 χ^2/NDF : 14297.9/4

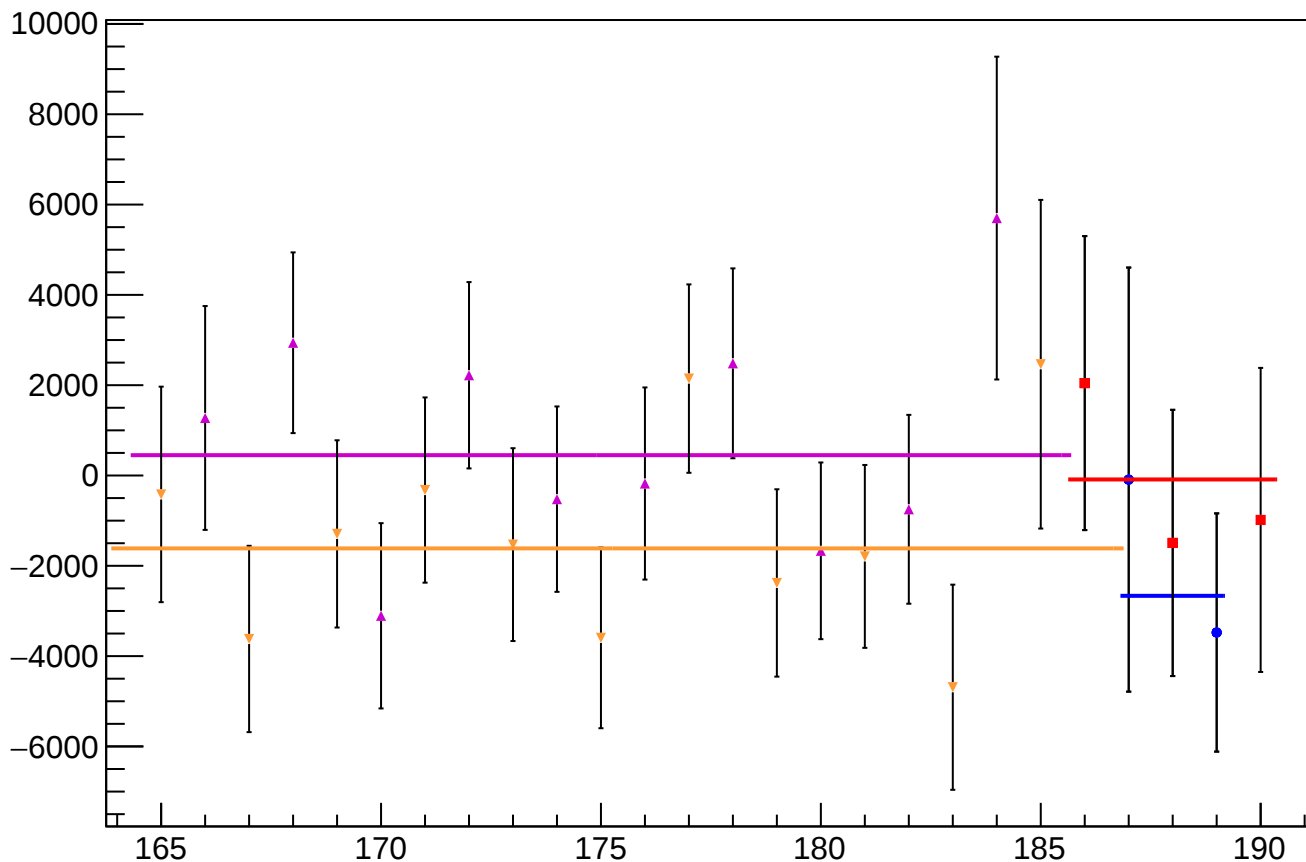
Left In: 1925.819+/-0.509 χ^2/NDF : 14417.4/9

+ sign 1935.463+/-0.456 χ^2/NDF : 20863.6/14

All: 1956.726+/-0.325 χ^2/NDF : 115492.9/29

- sign 1978.560+/-0.463 χ^2/NDF : 90232.1/14

dit_asym_at1_dd_mean vs Slug



Right In: -2664.798 ± 1626.324 $\chi^2/\text{NDF}: 0.8/3$

Left Out: -1614.539 ± 655.810 $\chi^2/\text{NDF}: 9.1/10$

Right Out: -87.458 ± 1404.349 $\chi^2/\text{NDF}: 1.4/4$

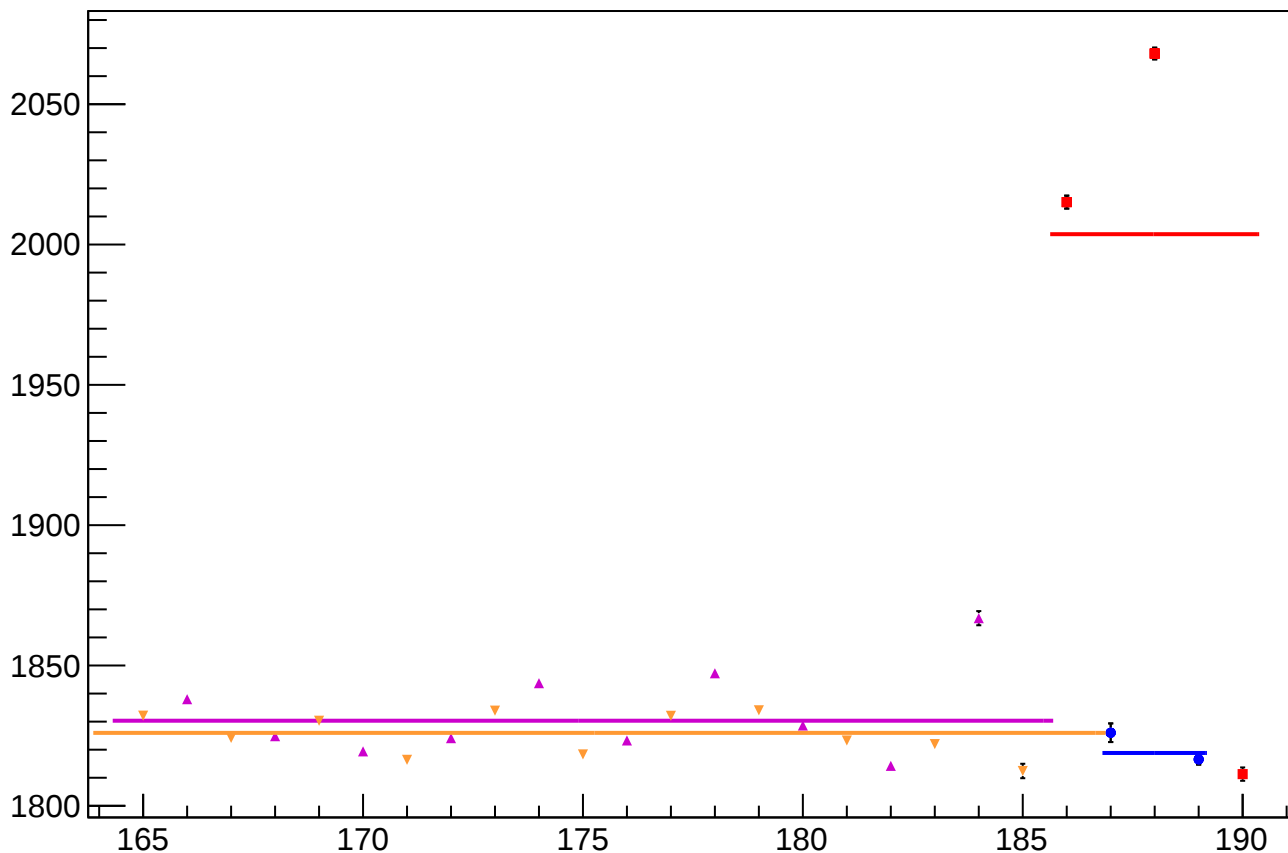
Left In: 450.275 ± 683.995 $\chi^2/\text{NDF}: 10.3/9$

+ sign -1761.434 ± 608.221 $\chi^2/\text{NDF}: 10.2/14$

All: -718.704 ± 432.431 $\chi^2/\text{NDF}: 28.0/29$

- sign 347.171 ± 614.935 $\chi^2/\text{NDF}: 11.8/14$

dit_asym_at1_dd_rms vs Slug



Right In: 1818.830+/-1.150 χ^2/NDF : 12.4/3

Left Out: 1825.991+/-0.464 χ^2/NDF : 208.9/10

Right Out: 2003.688+/-0.993 χ^2/NDF : 8486.8/4

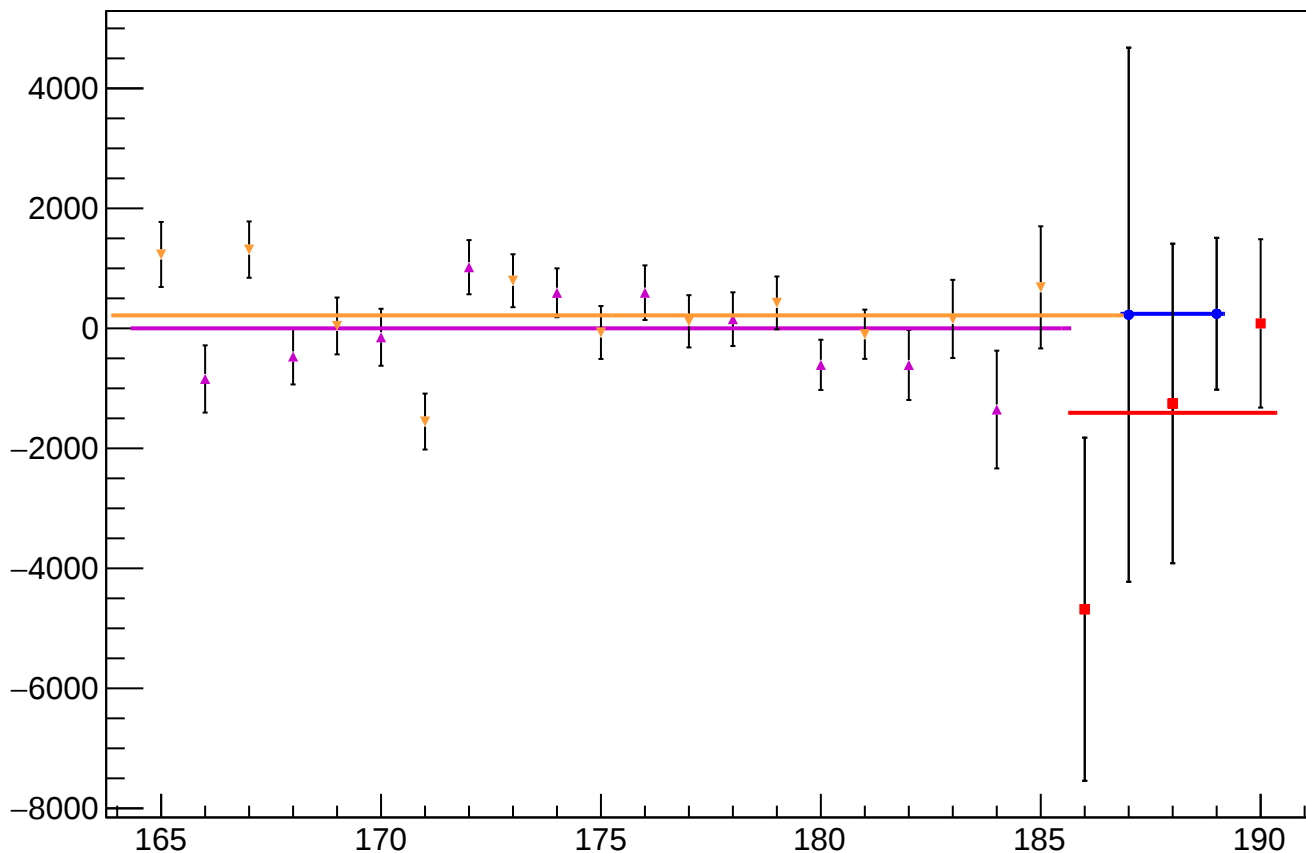
Left In: 1830.322+/-0.484 χ^2/NDF : 673.9/9

+ sign 1824.989+/-0.430 χ^2/NDF : 254.7/14

All: 1844.064+/-0.306 χ^2/NDF : 38028.8/29

- sign 1863.563+/-0.435 χ^2/NDF : 33796.1/14

asym_at1_dd_correction_mean vs Slug



Right In: 242.403 ± 860.628 χ^2/NDF : 0.0/3

Left Out: 216.577 ± 145.940 χ^2/NDF : 26.7/10

Right Out: -1407.637 ± 983.193 χ^2/NDF : 3.8/4

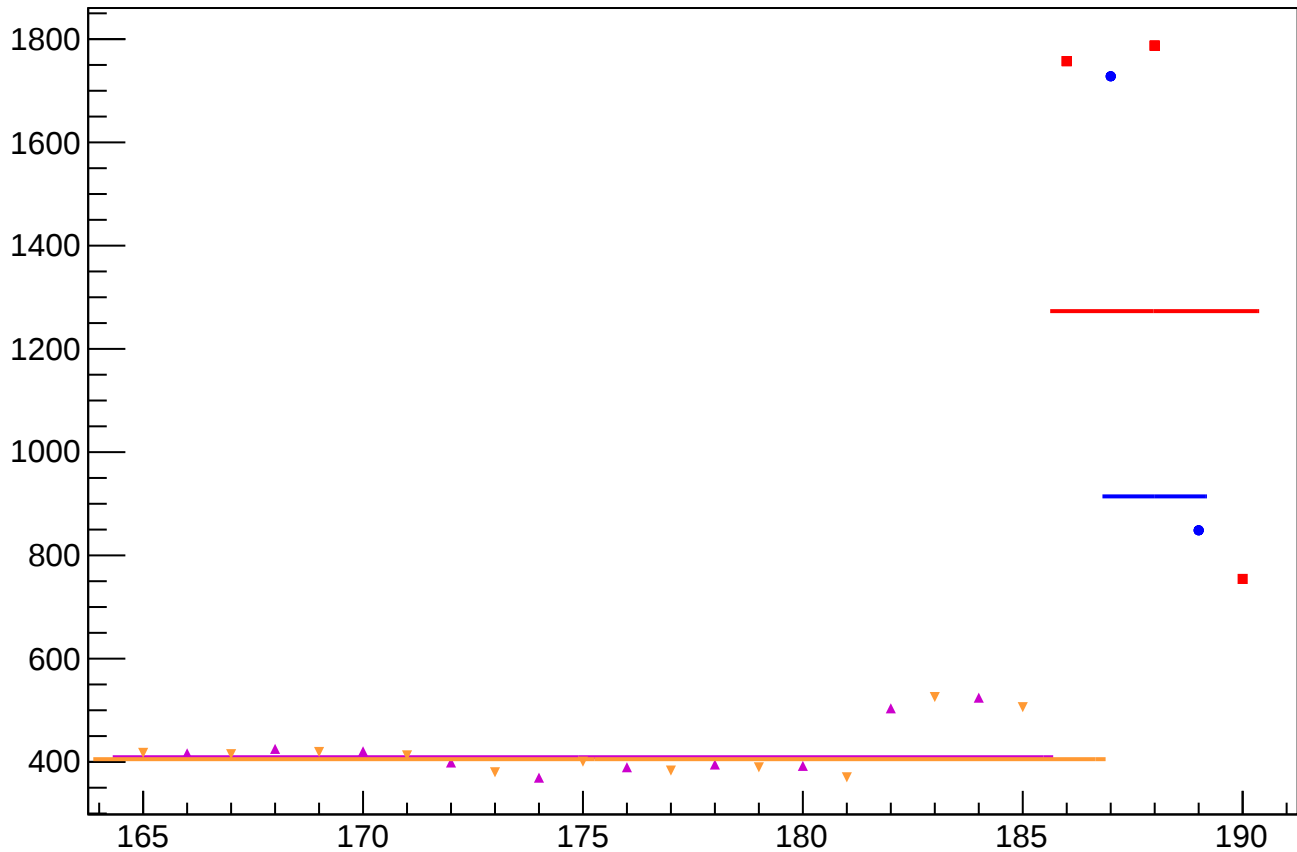
Left In: 0.689 ± 153.084 χ^2/NDF : 17.5/9

+ sign 217.299 ± 143.886 χ^2/NDF : 26.7/14

All: 98.569 ± 104.253 χ^2/NDF : 51.4/29

- sign -32.645 ± 151.262 χ^2/NDF : 23.3/14

asym_at1_dd_correction_rms vs Slug



Right In: 914.293 $\pm$ 0.609 χ^2/NDF : 144471.9/3

Left Out: 405.270 $\pm$ 0.103 χ^2/NDF : 121118.6/10

Right Out: 1273.153 $\pm$ 0.695 χ^2/NDF : 537187.3/4

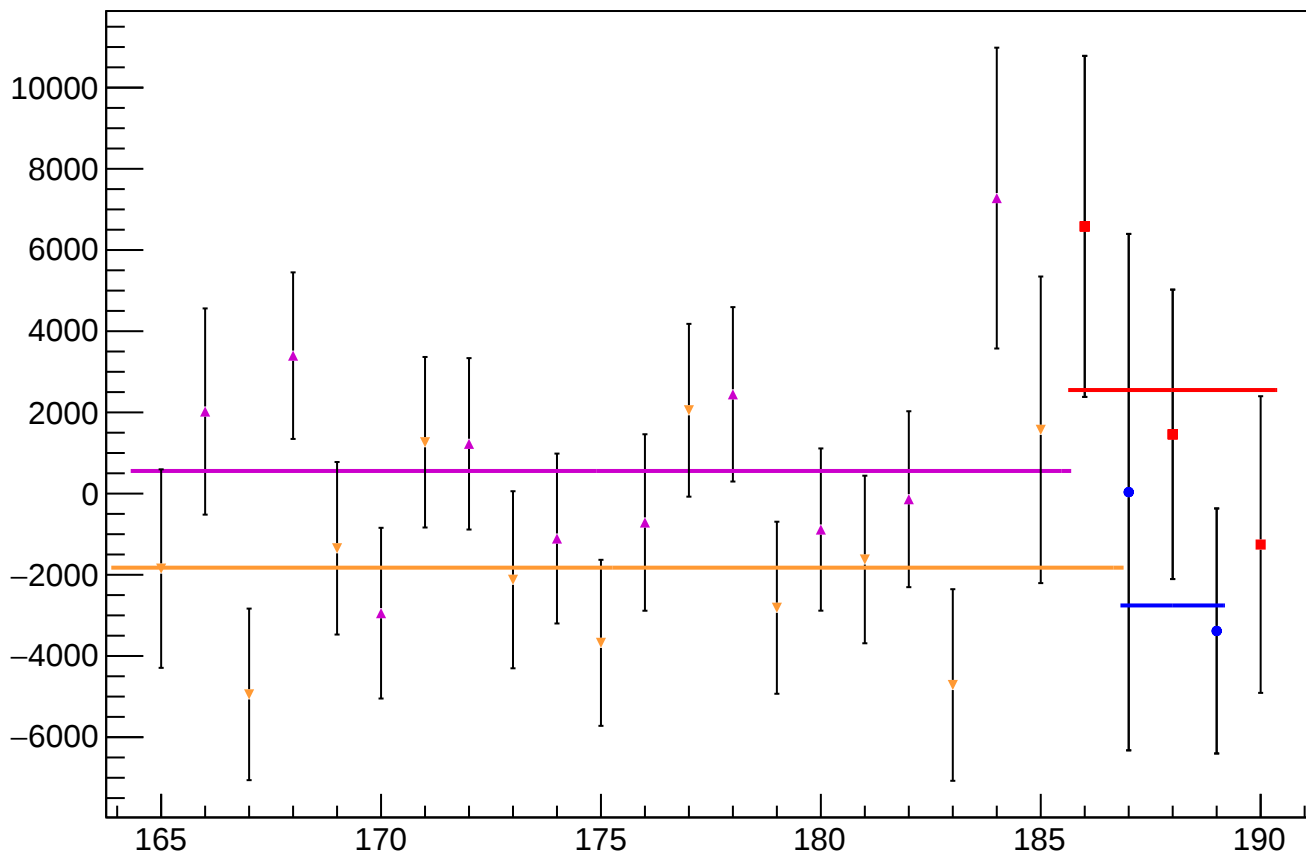
Left In: 409.046 $\pm$ 0.108 χ^2/NDF : 112939.3/9

+ sign 419.498 $\pm$ 0.102 χ^2/NDF : 945671.6/14

All: 424.248 $\pm$ 0.074 χ^2/NDF : 3108675.9/29

- sign 429.498 $\pm$ 0.107 χ^2/NDF : 2158415.4/14

asym_at1_dd_mean vs Slug



Right In: -2755.241+/-1927.896 χ^2/NDF : 0.5/3

Left Out: -1824.424+/-671.644 χ^2/NDF : 11.1/10

Right Out: 2550.986+/-1700.888 χ^2/NDF : 3.1/4

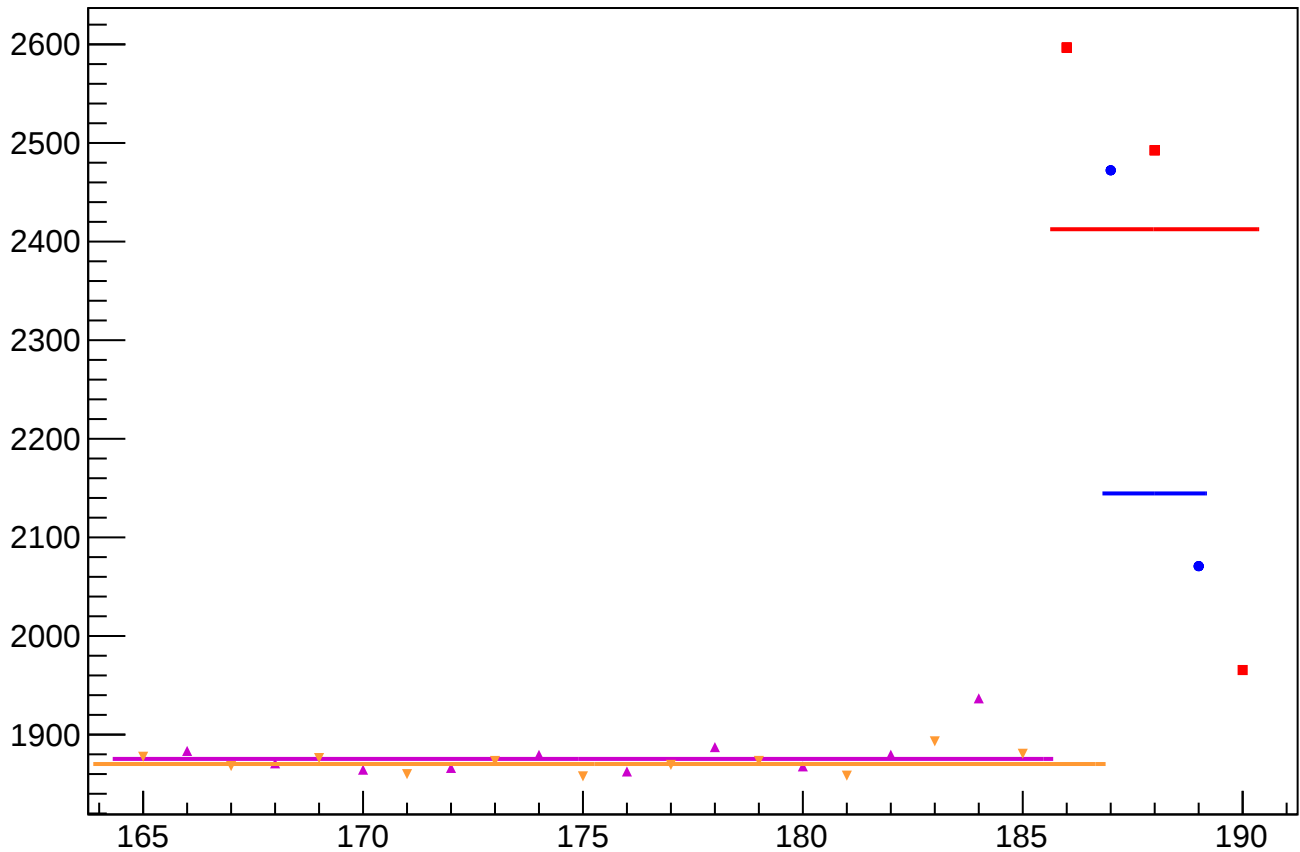
Left In: 557.327+/-700.760 χ^2/NDF : 10.8/9

+ sign -1925.169+/-634.256 χ^2/NDF : 11.8/14

All: -568.817+/-453.242 χ^2/NDF : 36.2/29

- sign 846.627+/-647.925 χ^2/NDF : 15.1/14

asym_at1_dd_rms vs Slug



Right In: 2144.579+/-1.363 χ^2/NDF : 13007.6/3

Left Out: 1870.169+/-0.475 χ^2/NDF : 438.3/10

Right Out: 2412.520+/-1.203 χ^2/NDF : 39650.3/4

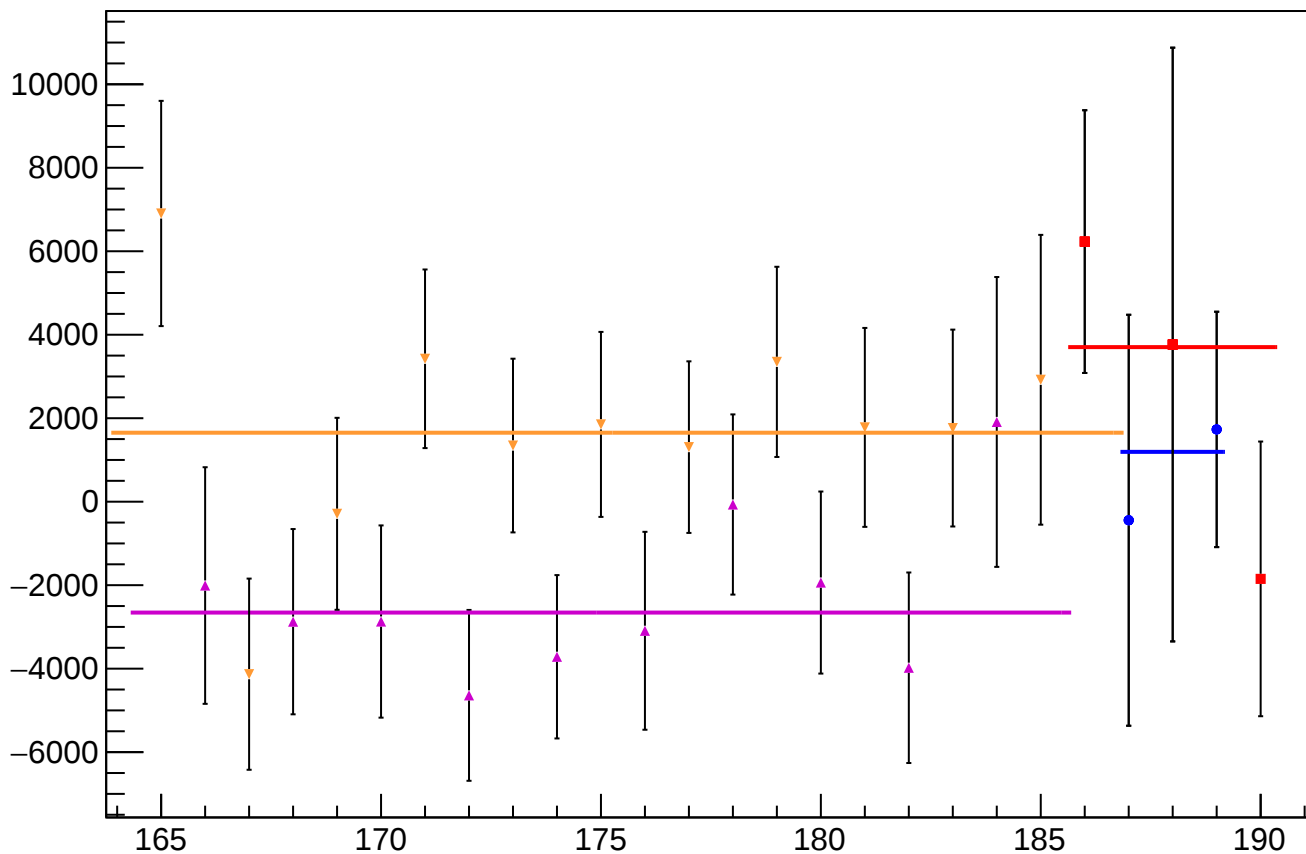
Left In: 1875.351+/-0.496 χ^2/NDF : 845.8/9

+ sign 1899.870+/-0.448 χ^2/NDF : 49579.5/14

All: 1926.015+/-0.320 χ^2/NDF : 267554.8/29

- sign 1953.300+/-0.458 χ^2/NDF : 211030.1/14

dit_asym_at2_avg_mean vs Slug



Right In: 1193.883 $\pm$ 1730.047 χ^2 /NDF: 0.3/3

Left Out: 1652.715 $\pm$ 700.392 χ^2 /NDF:12.3/10

Right Out: 3703.267 $\pm$ 1730.780 χ^2 /NDF: 4.1/4

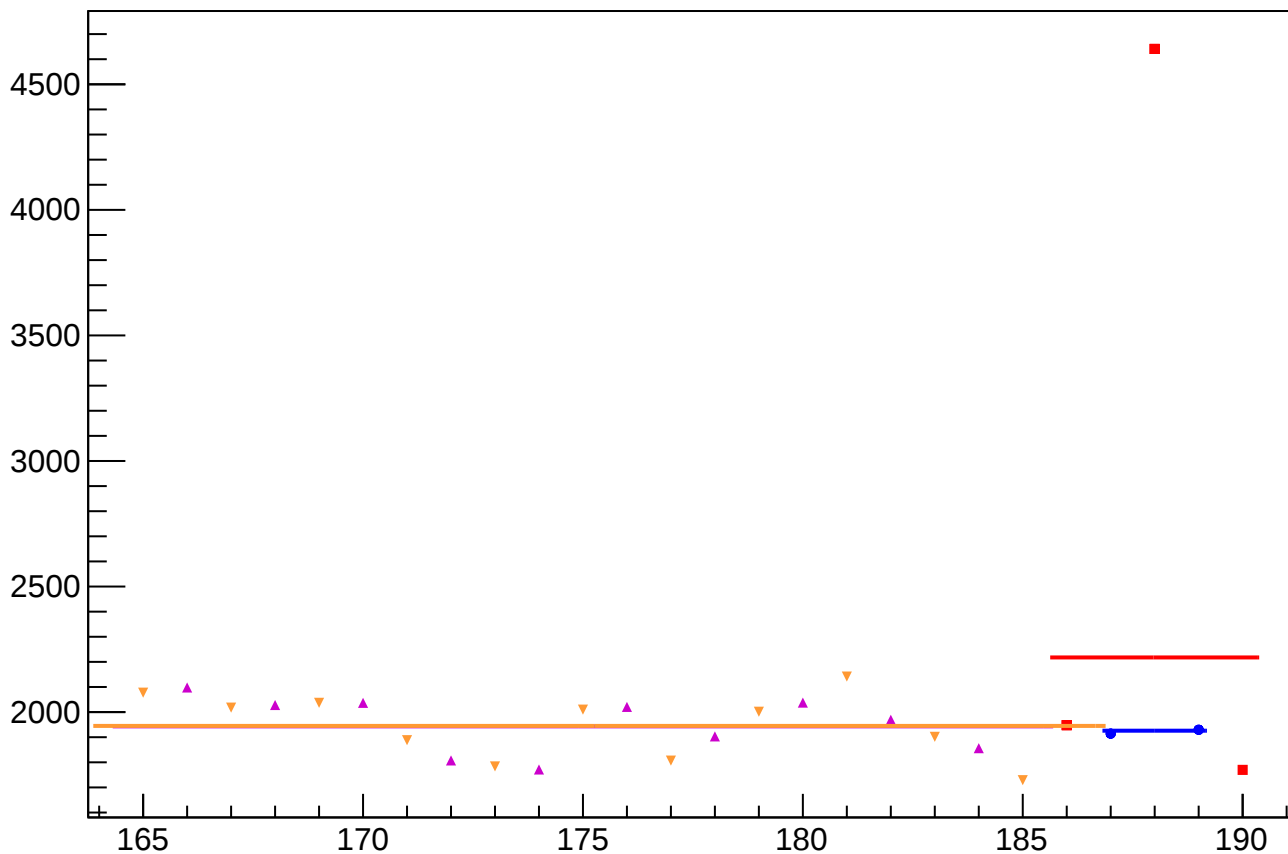
Left In: -2656.310 $\pm$ 726.683 χ^2 /NDF:4.9/9

+ sign 1588.104 $\pm$ 649.208 χ^2 /NDF: 12.7/14

All: -5.652 $\pm$ 466.244 χ^2 /NDF: 45.7/29

- sign -1703.243 $\pm$ 670.023 χ^2 /NDF: 20.6/14

dit_asym_at2_avg_rms vs Slug



Right In: 1925.923 ± 1.223 χ^2/NDF : 29.9/3

Left Out: 1944.980 ± 0.495 χ^2/NDF : 57476.6/10

Right Out: 2217.625 ± 1.224 χ^2/NDF : 530760.0/4

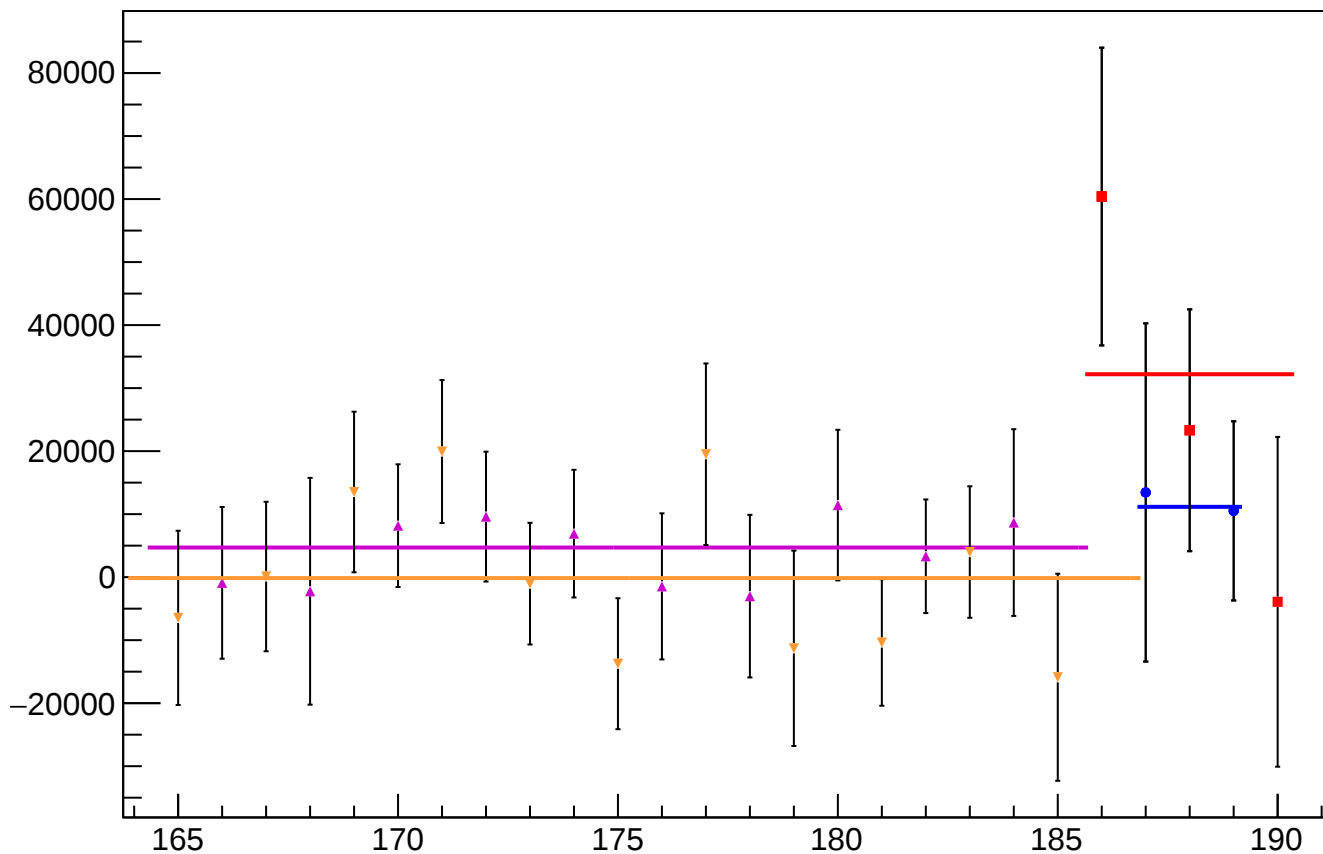
Left In: 1943.156 ± 0.514 χ^2/NDF : 44512.4/9

+ sign 1942.297 ± 0.459 χ^2/NDF : 57715.0/14

All: 1962.630 ± 0.330 χ^2/NDF : 679797.7/29

- sign 1984.289 ± 0.474 χ^2/NDF : 618030.8/14

asym_at2_avg_correction_mean vs Slug



Right In: 11159.082+/-8883.098 χ^2/NDF : 0.0/3

Left Out: -146.282+/-3579.078 χ^2/NDF : 10.7/10

Right Out: 32204.107+/-9772.156 χ^2/NDF : 5.2/4

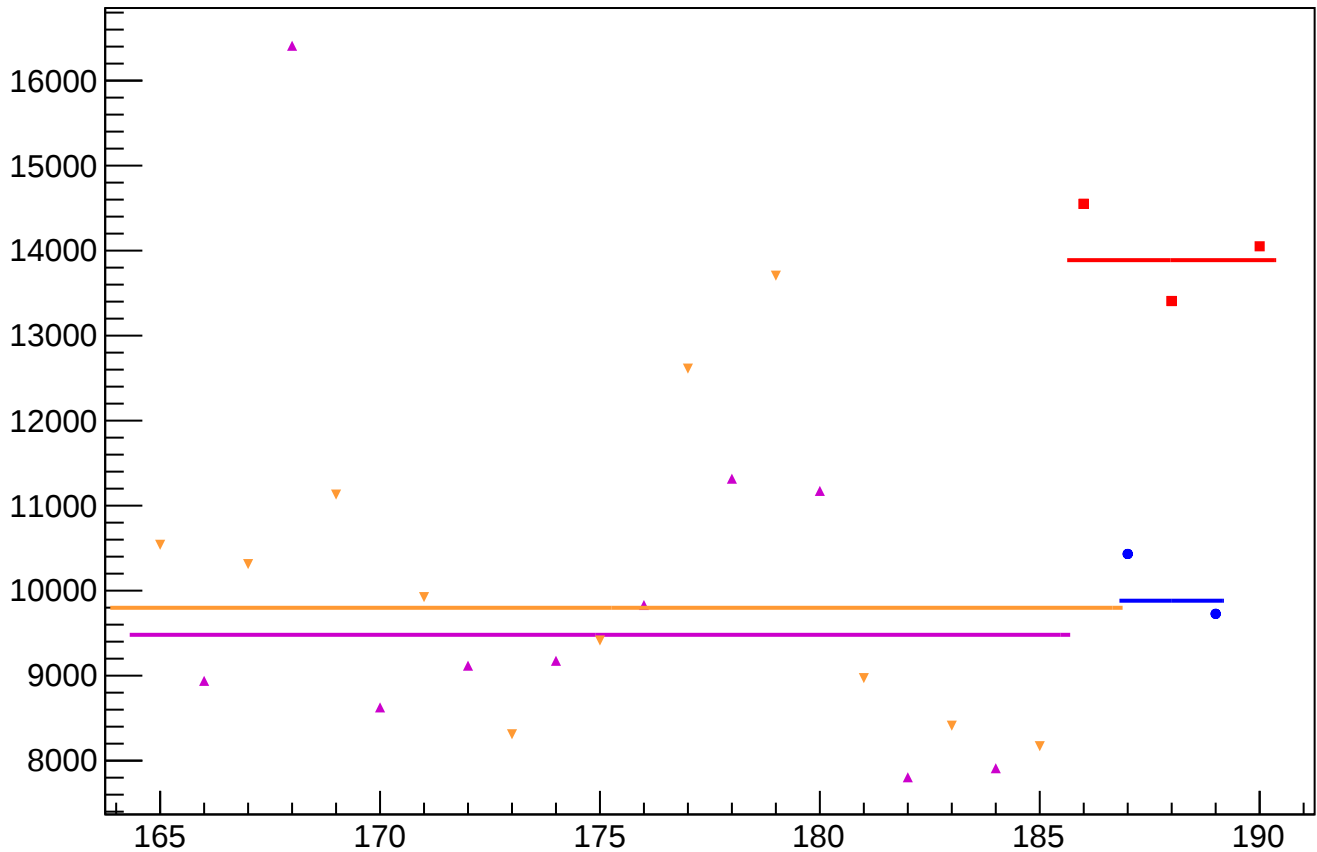
Left In: 4701.313+/-3603.696 χ^2/NDF : 1.8/9

+ sign 1432.661+/-3319.750 χ^2/NDF : 12.1/14

All: 4653.120+/-2368.817 χ^2/NDF : 28.0/29

- sign 7993.745+/-3381.118 χ^2/NDF : 14.0/14

asym_at2_avg_correction_rms vs Slug



Right In: 9881.637+/-6.281 χ^2/NDF : 2152.7/3

Left Out: 9798.370+/-2.531 χ^2/NDF : 353800.0/10

Right Out: 13887.798+/-6.910 χ^2/NDF : 5725.2/4

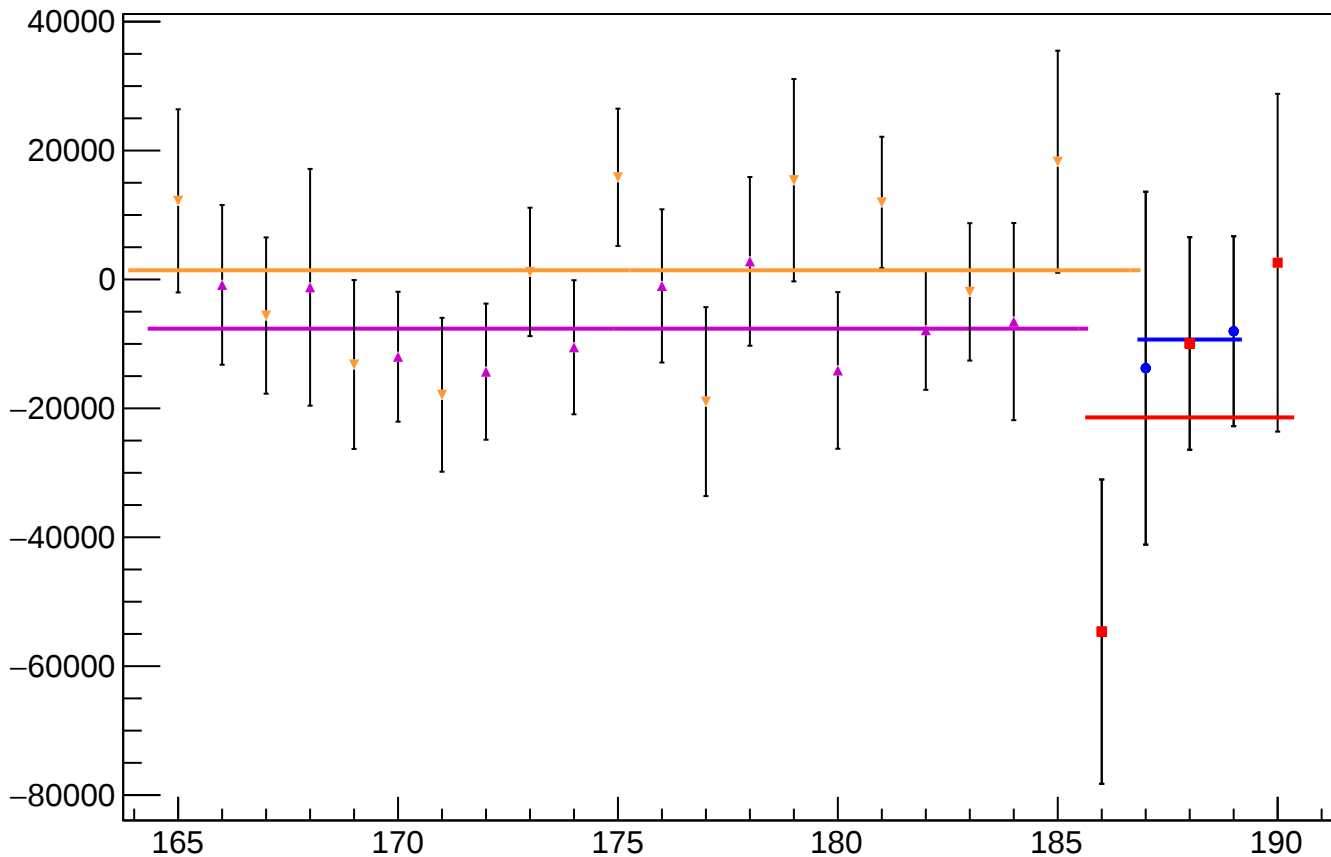
Left In: 9480.425+/-2.548 χ^2/NDF : 494386.0/9

+ sign 9810.000+/-2.347 χ^2/NDF : 356103.8/14

All: 9907.208+/-1.675 χ^2/NDF : 1217832.6/29

- sign 10008.043+/-2.391 χ^2/NDF : 858235.1/14

asym_at2_avg_mean vs Slug



Right In: -9321.236+/-9172.955 χ^2/NDF : 0.1/3

Left Out: 1423.318+/-3675.736 χ^2/NDF : 11.5/10

Right Out: -21404.284+/-8980.041 χ^2/NDF : 5.8/4

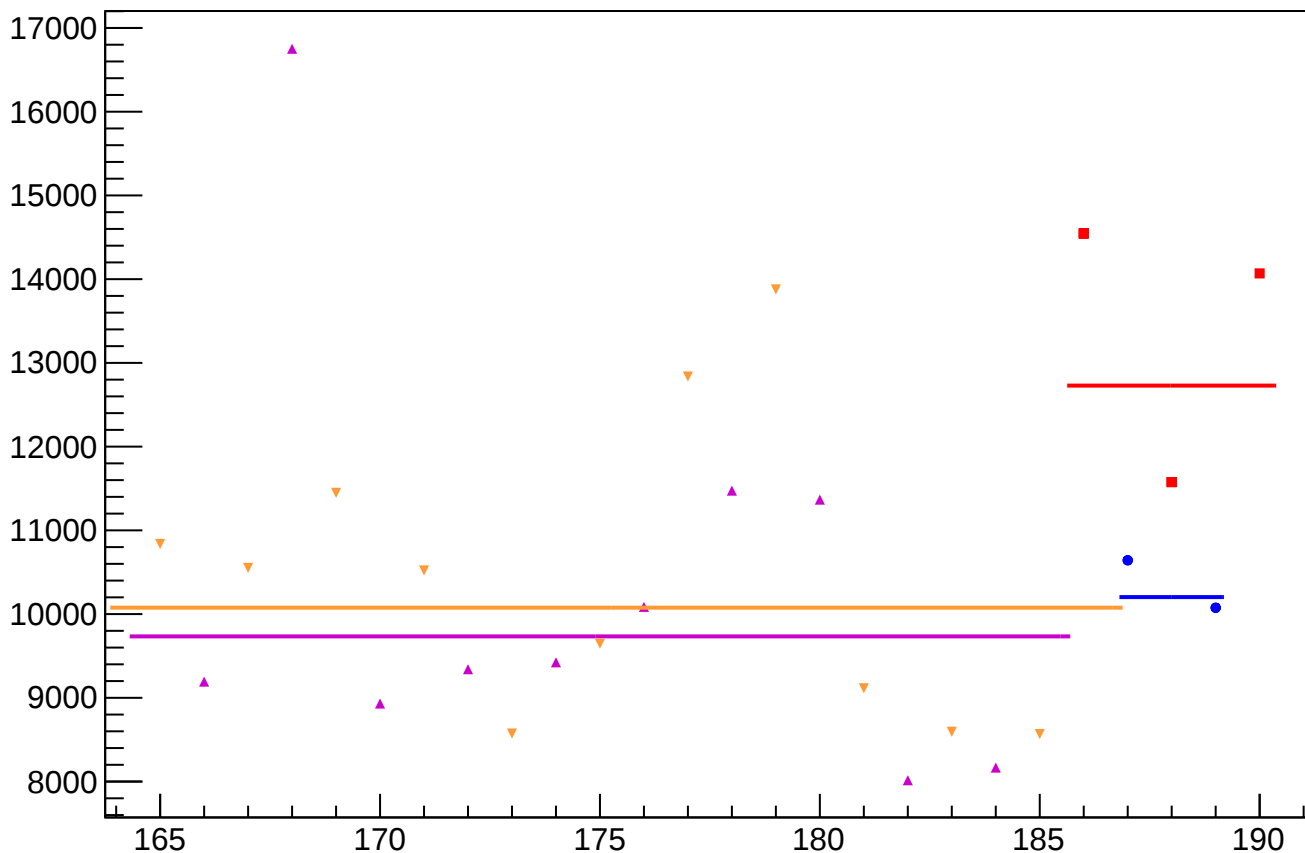
Left In: -7635.447+/-3697.283 χ^2/NDF : 2.3/9

+ sign -63.255+/-3411.994 χ^2/NDF : 12.7/14

All: -4837.613+/-2415.064 χ^2/NDF : 26.7/29

- sign -9631.170+/-3418.848 χ^2/NDF : 10.1/14

asym_at2_avg_rms vs Slug



Right In: 10203.001+/-6.486 χ^2/NDF : 1327.5/3

Left Out: 10076.847+/-2.599 χ^2/NDF : 342412.0/10

Right Out: 12728.793+/-6.350 χ^2/NDF : 48474.2/4

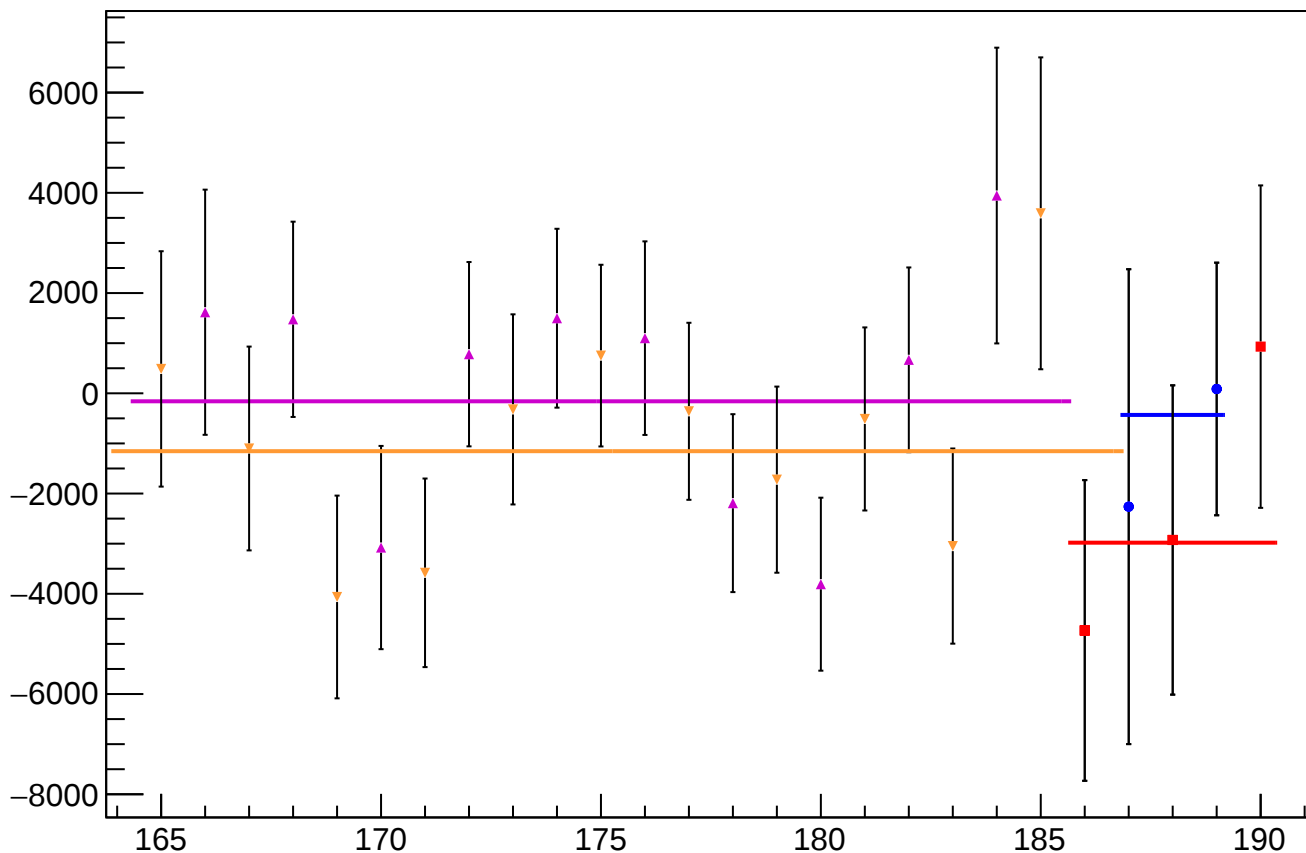
Left In: 9733.628+/-2.614 χ^2/NDF : 476082.7/9

+ sign 10094.302+/-2.413 χ^2/NDF : 344065.4/14

All: 10130.958+/-1.708 χ^2/NDF : 1059328.0/20

- sign 10167.762+/-2.417 χ^2/NDF : 714799.9/14

dit_asym_at2_dd_mean vs Slug



Right In: -431.411 ± 1573.102 χ^2/NDF : 0.4/3

Left Out: -1154.842 ± 596.526 χ^2/NDF : 9.2/10

Right Out: -2980.244 ± 1374.883 χ^2/NDF : 2.2/4

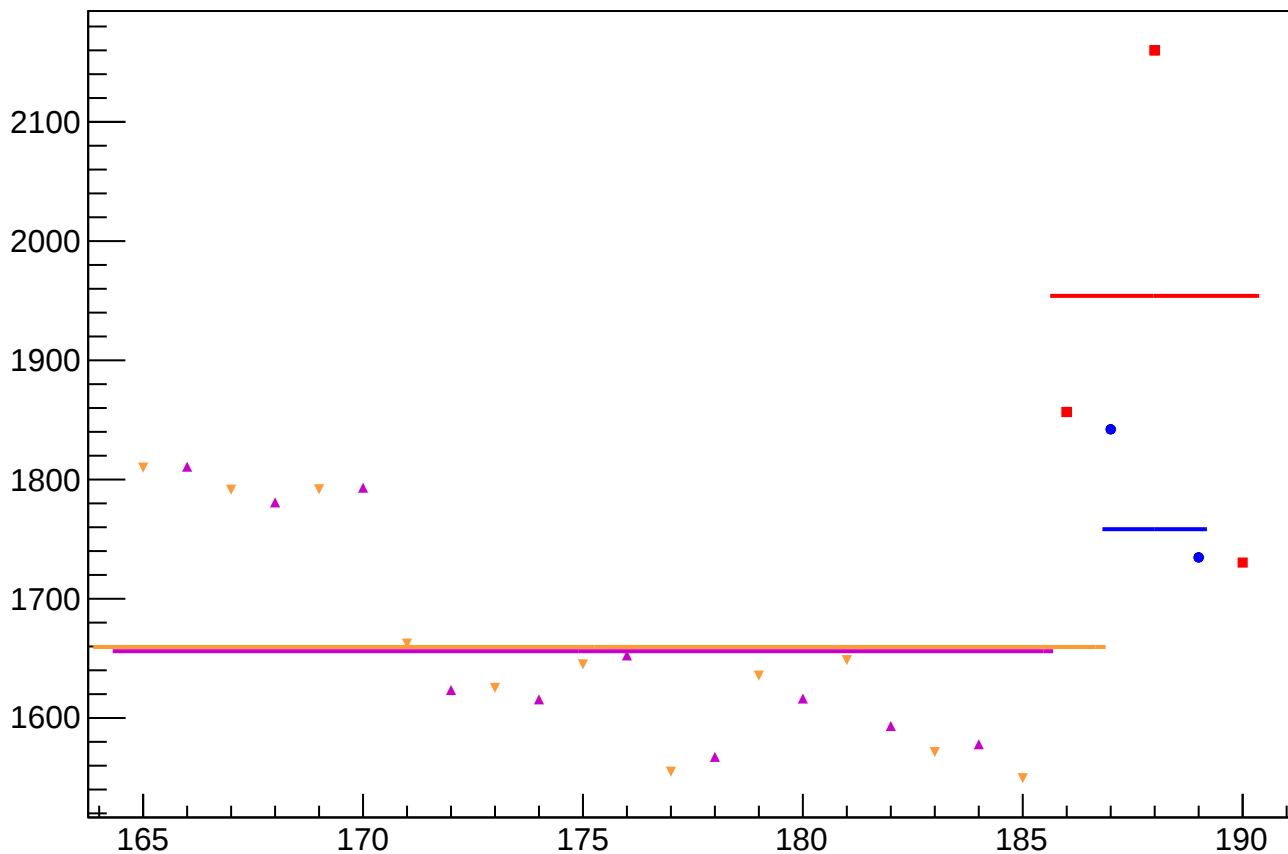
Left In: -159.568 ± 618.467 χ^2/NDF : 12.8/9

+ sign -1063.894 ± 557.770 χ^2/NDF : 9.8/14

All: -851.480 ± 396.597 χ^2/NDF : 28.5/29

- sign -634.273 ± 564.028 χ^2/NDF : 18.4/14

dit_asym_at2_dd_rms vs Slug



Right In: 1758.365 $\pm$ 1.112 χ^2 /NDF: 1603.5/3

Left Out: 1659.538 $\pm$ 0.422 χ^2 /NDF: 40002.0/10

Right Out: 1954.066 $\pm$ 0.972 χ^2 /NDF: 31719.2/4

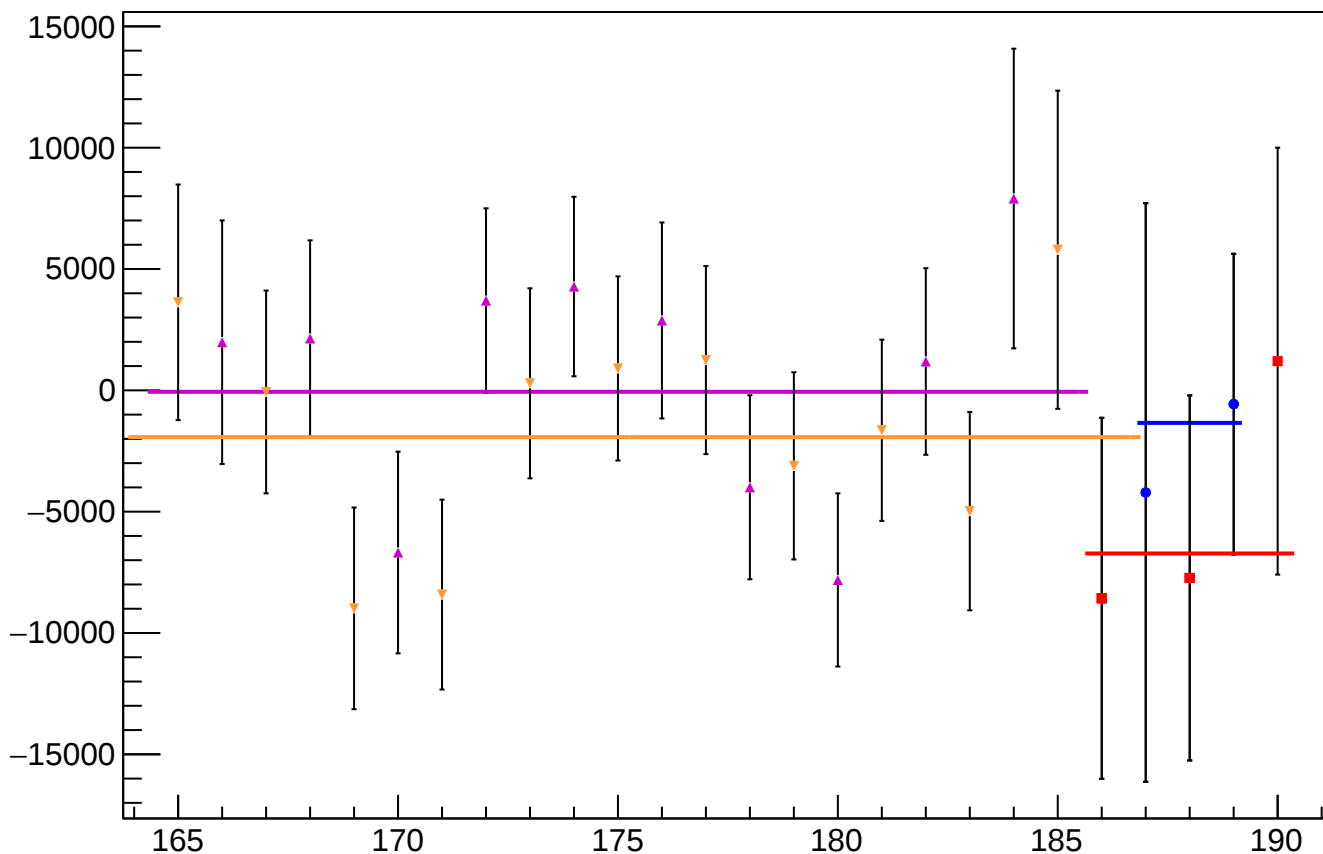
Left In: 1656.018 $\pm$ 0.437 χ^2 /NDF: 36790.4/9

+ sign 1671.962 $\pm$ 0.394 χ^2 /NDF: 48506.6/14

All: 1688.879 $\pm$ 0.280 χ^2 /NDF: 198907.8/29

- sign 1706.178 $\pm$ 0.399 χ^2 /NDF: 146680.1/14

asym_at2_dd_correction_mean vs Slug



Right In: -1341.235 ± 3887.448 χ^2/NDF : 0.1/3

Left Out: -1927.736 ± 1243.971 χ^2/NDF : 10.7/10

Right Out: -6722.437 ± 3442.203 χ^2/NDF : 1.0/4

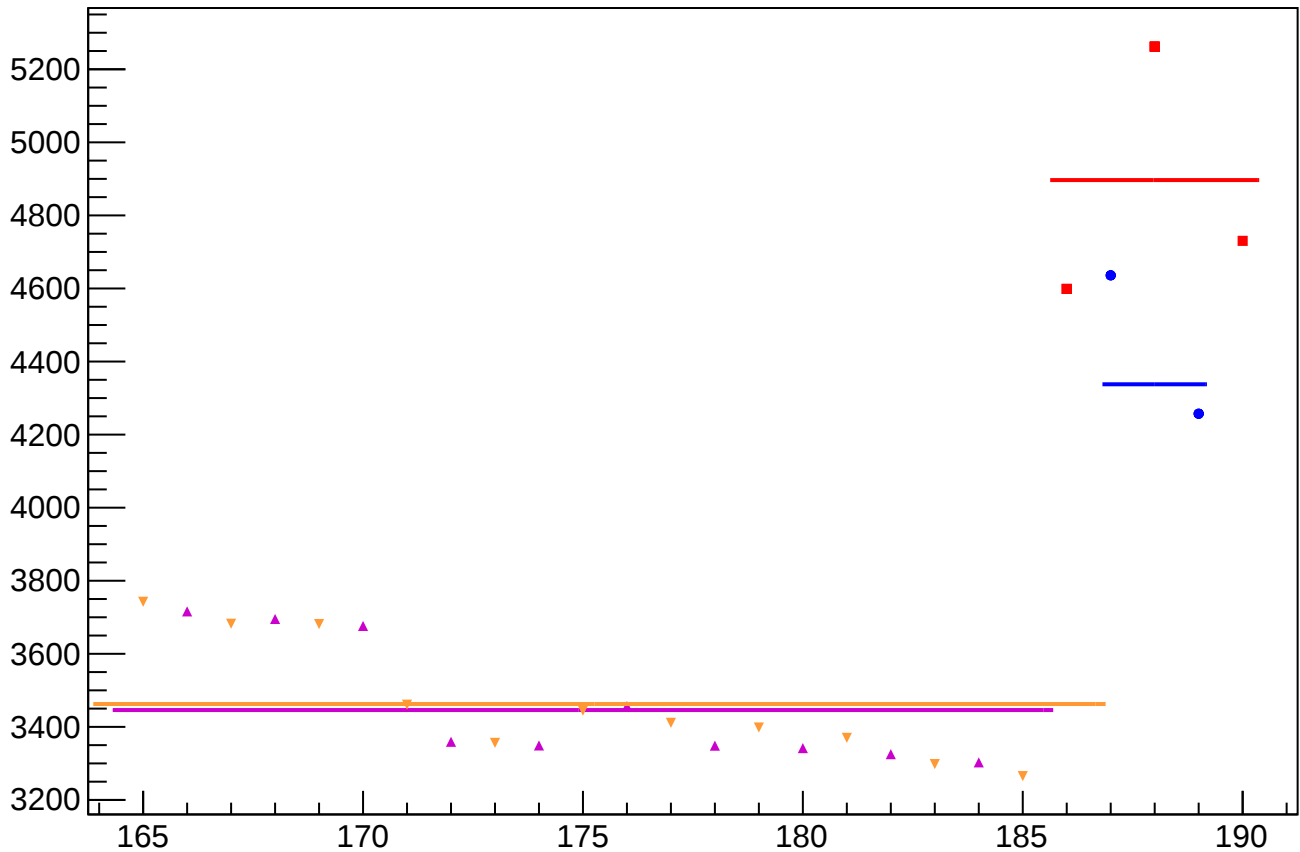
Left In: -59.590 ± 1286.510 χ^2/NDF : 13.5/9

+ sign -1873.258 ± 1184.789 χ^2/NDF : 10.9/14

All: -1383.211 ± 844.859 χ^2/NDF : 29.0/29

- sign -876.225 ± 1205.093 χ^2/NDF : 17.7/14

asym_at2_dd_correction_rms vs Slug



Right In: 4337.749 $\pm$ 2.749 χ^2 /NDF: 3177.3/3

Left Out: 3462.583 $\pm$ 0.880 χ^2 /NDF: 26437.6/10

Right Out: 4896.712 $\pm$ 2.434 χ^2 /NDF: 16562.1/4

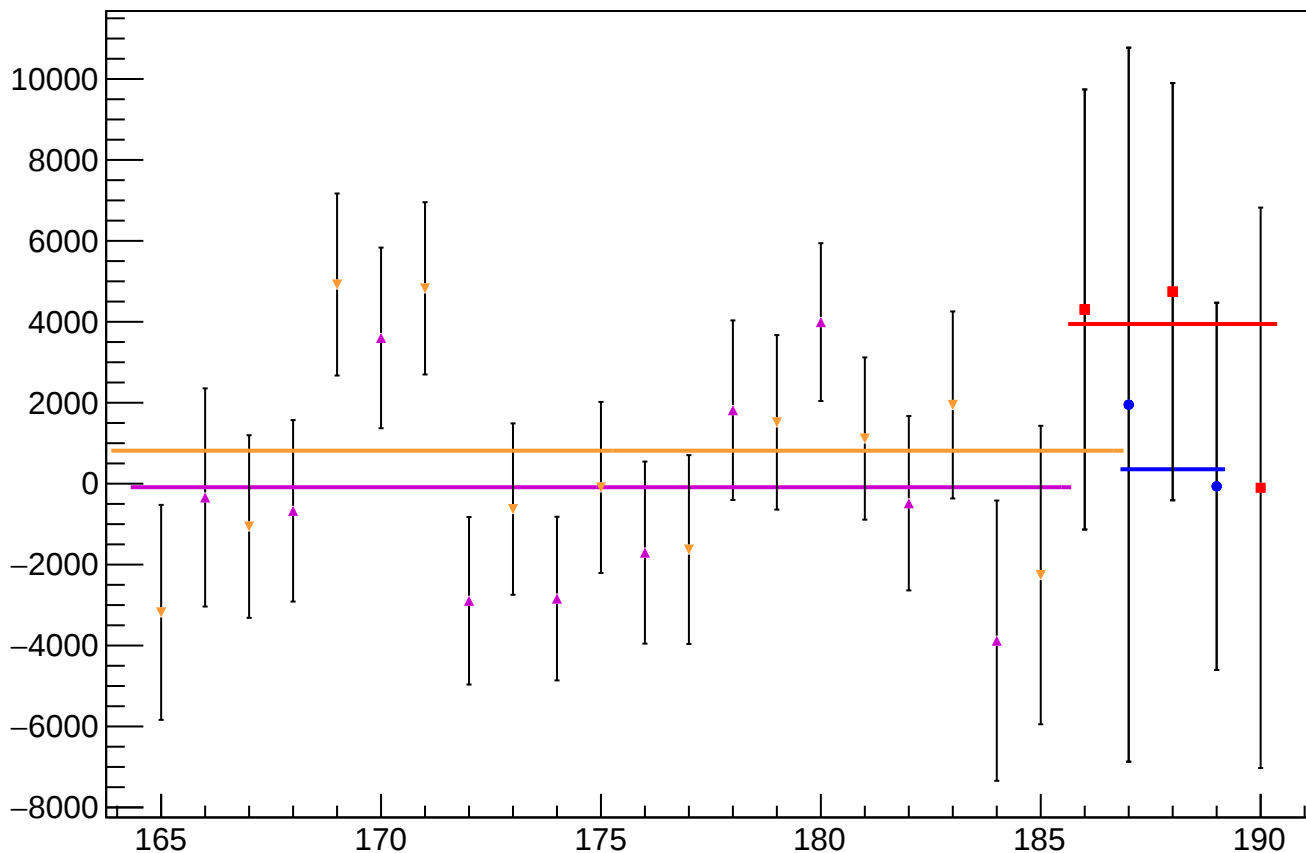
Left In: 3446.080 $\pm$ 0.910 χ^2 /NDF: 28042.4/9

+ sign 3543.874 $\pm$ 0.838 χ^2 /NDF: 121563.3/14

All: 3583.196 $\pm$ 0.597 χ^2 /NDF: 482313.7/29

- sign 3623.877 $\pm$ 0.852 χ^2 /NDF: 356268.2/14

asym_at2_dd_mean vs Slug



Right In: 355.977 $\pm$ 2853.195 χ^2 /NDF: 0.1/3

Left Out: 815.173 $\pm$ 688.171 χ^2 /NDF:12.6/10

Right Out: 3945.968 $\pm$ 2470.856 χ^2 /NDF: 0.4/4

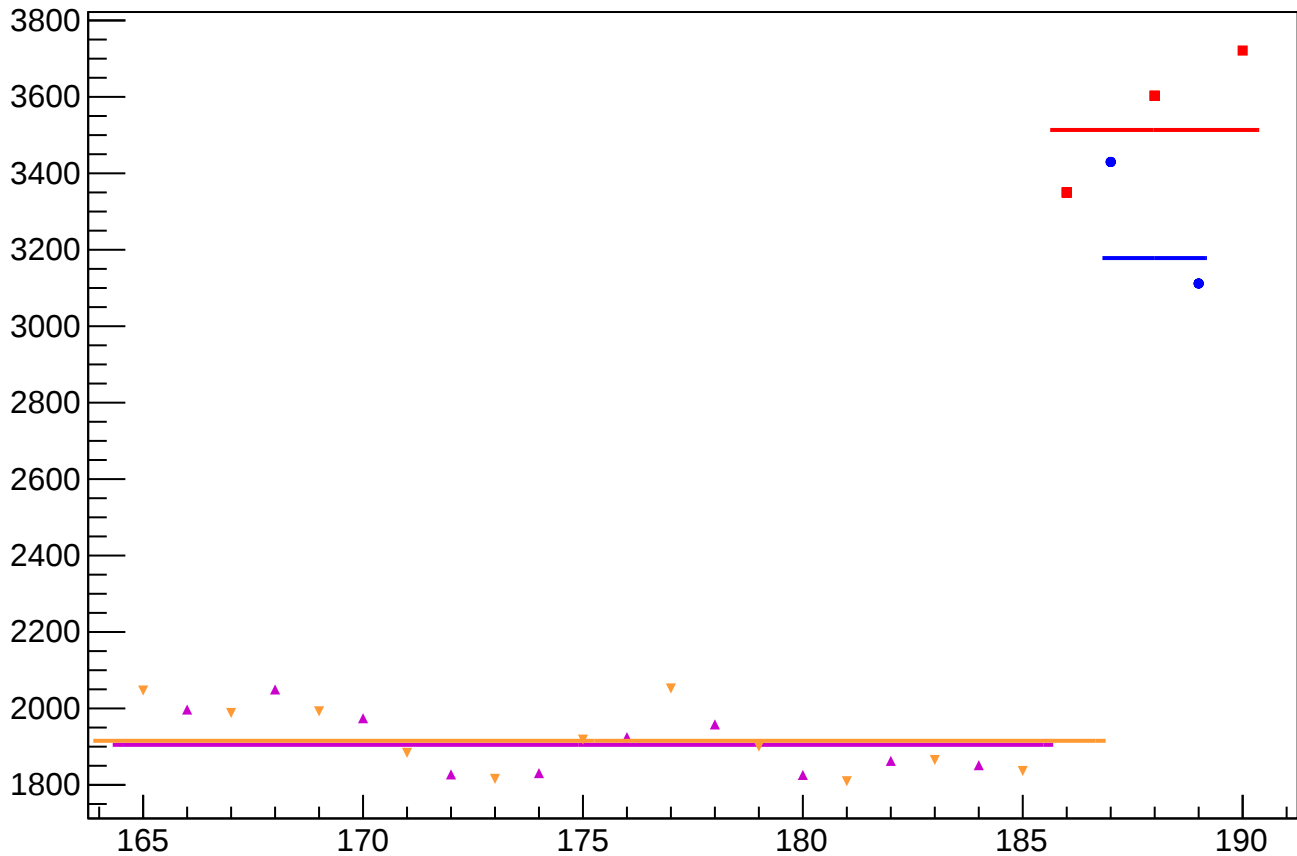
Left In: -87.623 $\pm$ 710.999 χ^2 /NDF:13.4/9

+ sign 789.928 $\pm$ 668.987 χ^2 /NDF: 12.8/14

All: 511.390 $\pm$ 478.016 χ^2 /NDF: 29.3/29

- sign 220.828 $\pm$ 683.273 χ^2 /NDF: 16.2/14

asym_at2_dd_rms vs Slug



Right In: 3178.304+/-2.018 χ^2/NDF : 4110.2/3

Left Out: 1915.342+/-0.487 χ^2/NDF : 28625.6/10

Right Out: 3513.481+/-1.747 χ^2/NDF : 6624.9/4

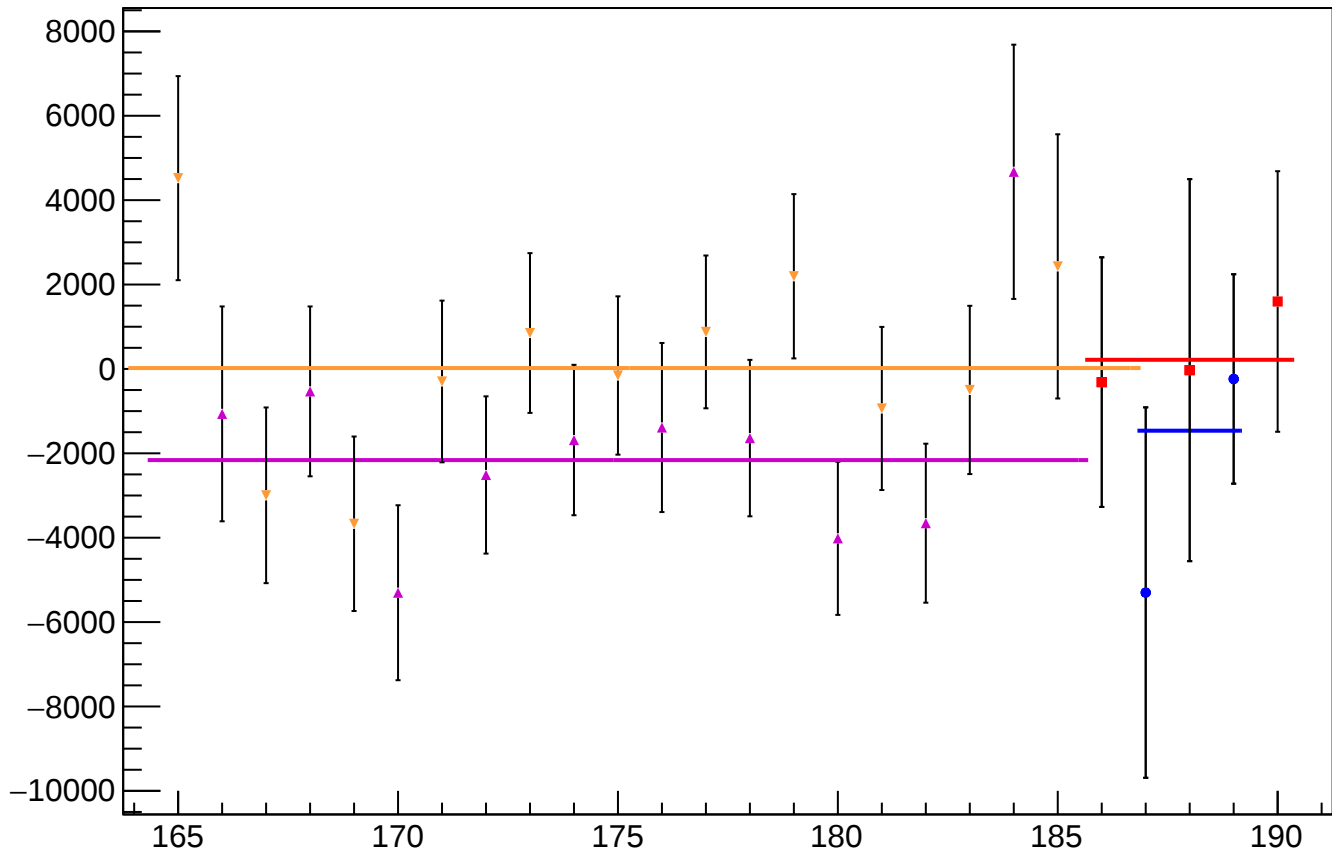
Left In: 1904.786+/-0.503 χ^2/NDF : 23930.5/9

+ sign 1984.775+/-0.473 χ^2/NDF : 403066.9/14

All: 2005.835+/-0.338 χ^2/NDF : 1220621.3/29

- sign 2027.803+/-0.483 χ^2/NDF : 813504.9/14

dit_asym_atl_avg_mean vs Slug



Right In: -1464.024 ± 1527.522 $\chi^2/\text{NDF}: 2.0/3$

Left Out: 20.601 ± 612.996 $\chi^2/\text{NDF}: 11.4/10$

Right Out: 216.408 ± 1523.123 $\chi^2/\text{NDF}: 0.3/4$

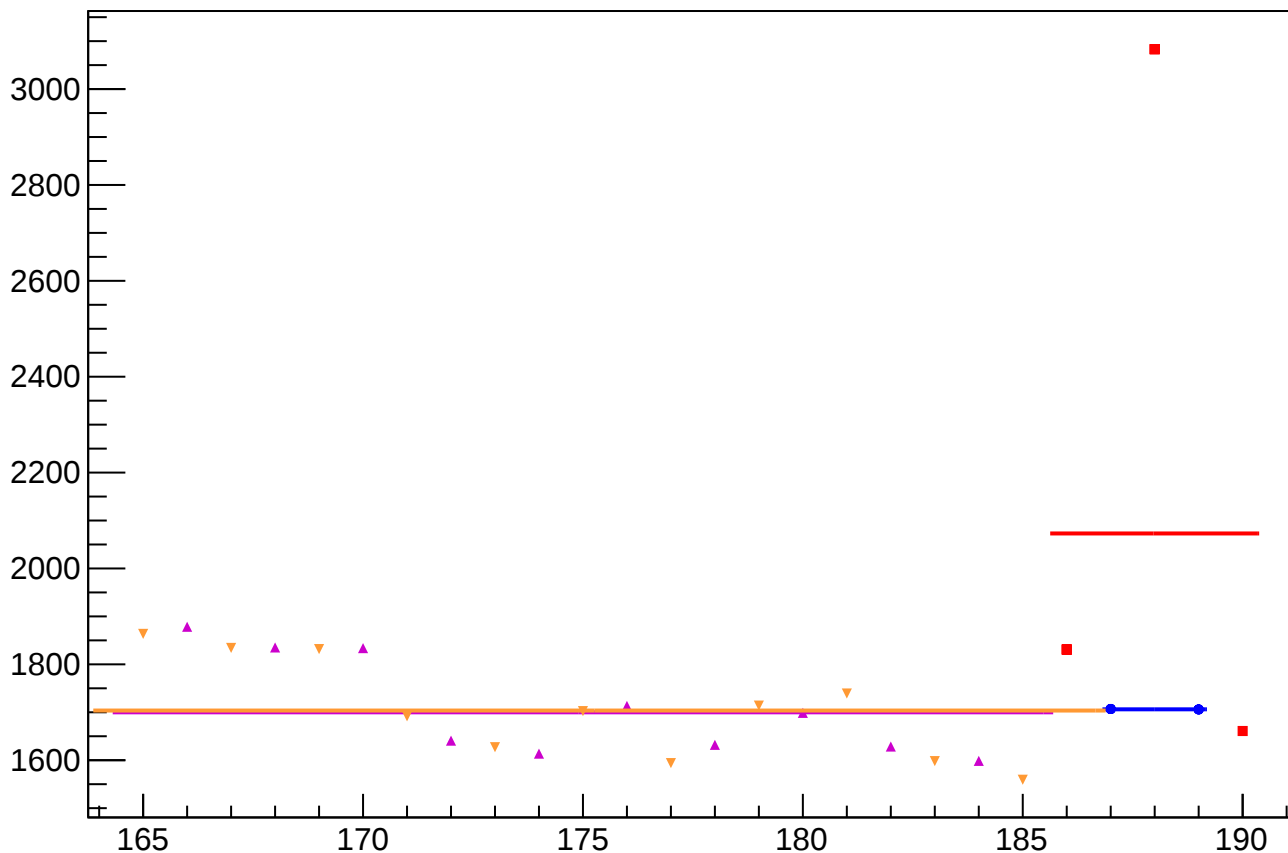
Left In: -2160.683 ± 636.020 $\chi^2/\text{NDF}: 10.3/9$

+ sign -185.324 ± 568.897 $\chi^2/\text{NDF}: 14.2/14$

All: -971.255 ± 408.489 $\chi^2/\text{NDF}: 30.8/29$

- sign -1807.733 ± 586.906 $\chi^2/\text{NDF}: 12.6/14$

dit_asym_atl_avg_rms vs Slug



Right In: 1706.165+/-1.080 χ^2/NDF : 0.1/3

Left Out: 1703.625+/-0.433 χ^2/NDF : 45569.8/10

Right Out: 2073.018+/-1.077 χ^2/NDF : 261559.0/4

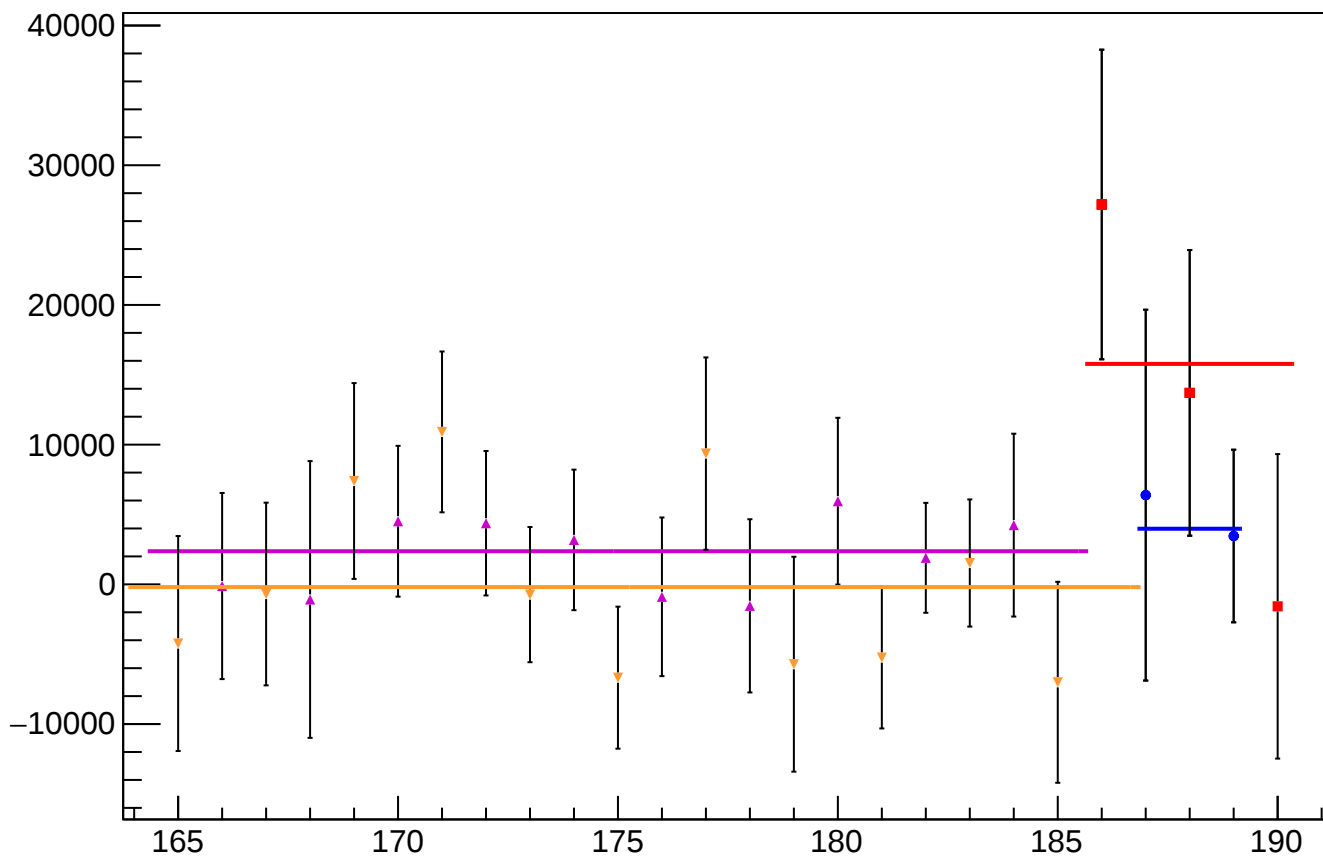
Left In: 1699.896+/-0.450 χ^2/NDF : 41793.6/9

+ sign 1703.977+/-0.402 χ^2/NDF : 45574.7/14

All: 1728.838+/-0.289 χ^2/NDF : 459012.8/29

- sign 1755.297+/-0.415 χ^2/NDF : 405553.9/14

asym_atl_avg_correction_mean vs Slug



Right In: 3981.184 $\pm$ 3960.036 χ^2 /NDF: 0.1/3

Left Out: -195.953 $\pm$ 1776.858 χ^2 /NDF:11.3/10

Right Out: 15780.195 $\pm$ 4775.992 χ^2 /NDF: 4.7/4

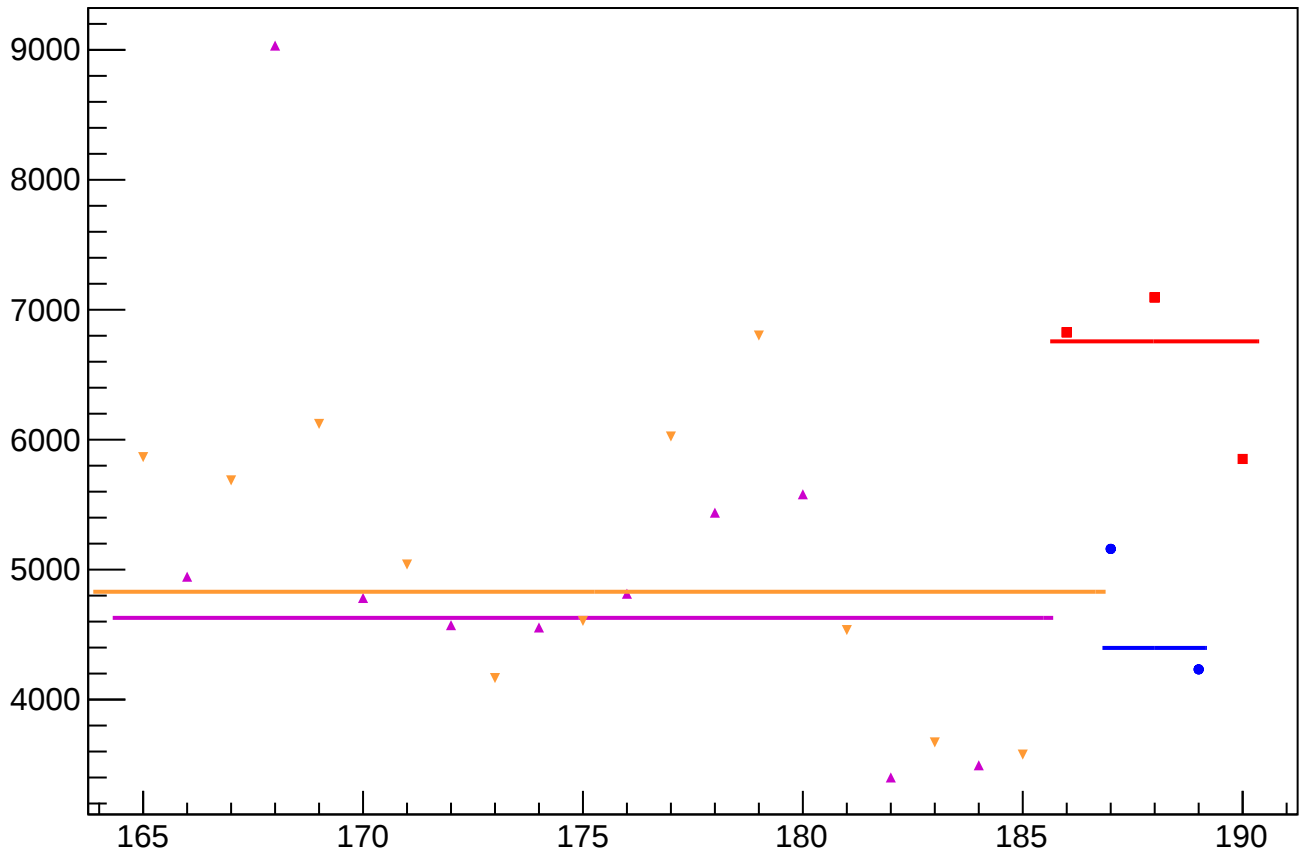
Left In: 2371.554 $\pm$ 1775.856 χ^2 /NDF:1.8/9

+ sign 504.088 $\pm$ 1621.144 χ^2 /NDF: 12.3/14

All: 2206.015 $\pm$ 1161.352 χ^2 /NDF: 28.0/29

- sign 4000.222 $\pm$ 1664.514 χ^2 /NDF: 13.4/14

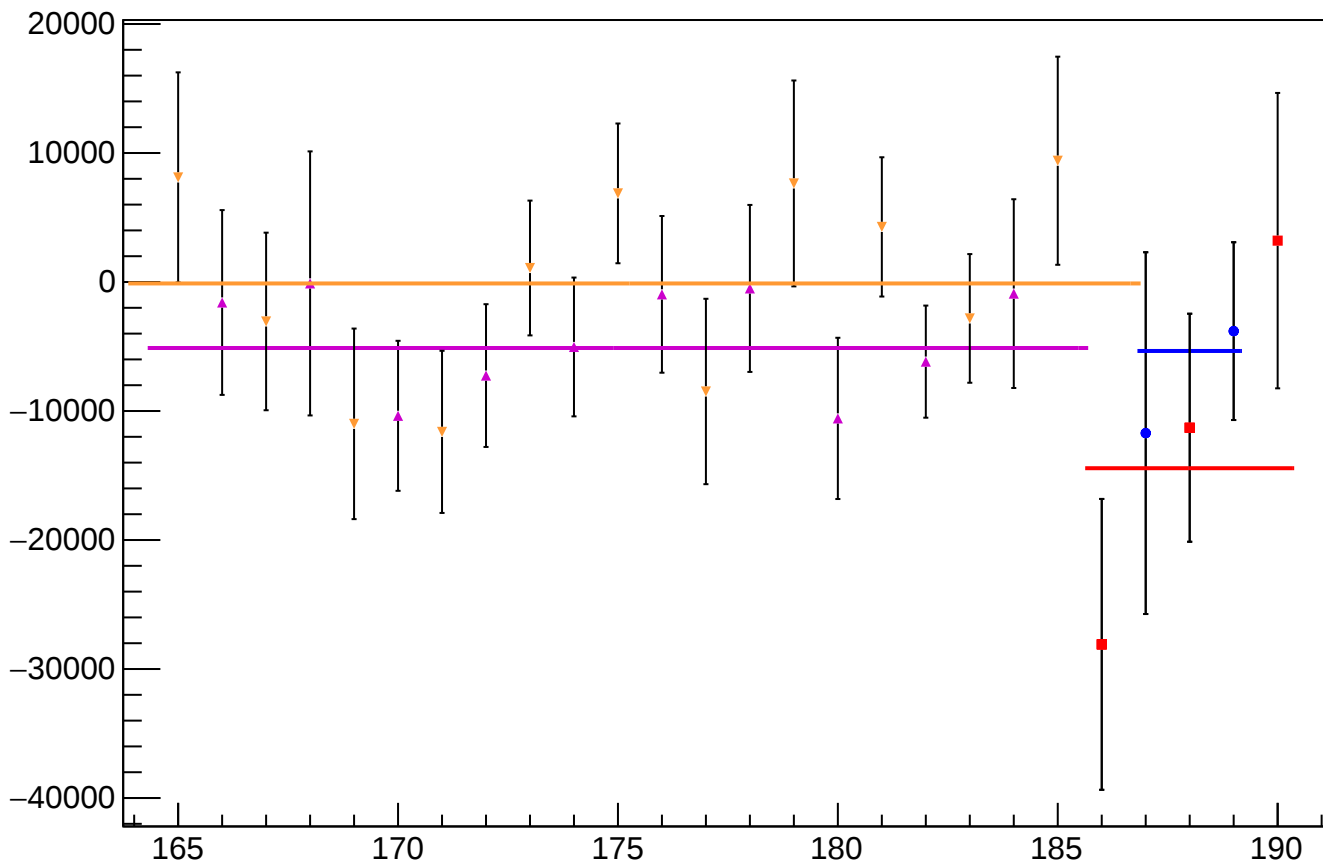
asym_atl_avg_correction_rms vs Slug



Right In: 4397.360+/-2.800 χ^2/NDF : 16051.8/3
 Left Out: 4829.685+/-1.256 χ^2/NDF : 571816.3/10
 Right Out: 6756.735+/-3.377 χ^2/NDF : 18345.1/4
 Left In: 4628.713+/-1.256 χ^2/NDF : 744352.4/9

+ sign 4757.232+/-1.146 χ^2/NDF : 607710.2/14
 All: 4820.496+/-0.821 χ^2/NDF : 1725494.9/29
 - sign 4887.191+/-1.177 χ^2/NDF : 1111527.9/14

asym_atl_avg_mean vs Slug



Right In: -5345.848 ± 4372.837 χ^2/NDF : 0.5/3

Left Out: -112.012 ± 1905.097 χ^2/NDF : 13.1/10

Right Out: -14434.382 ± 4518.907 χ^2/NDF : 5.6/4

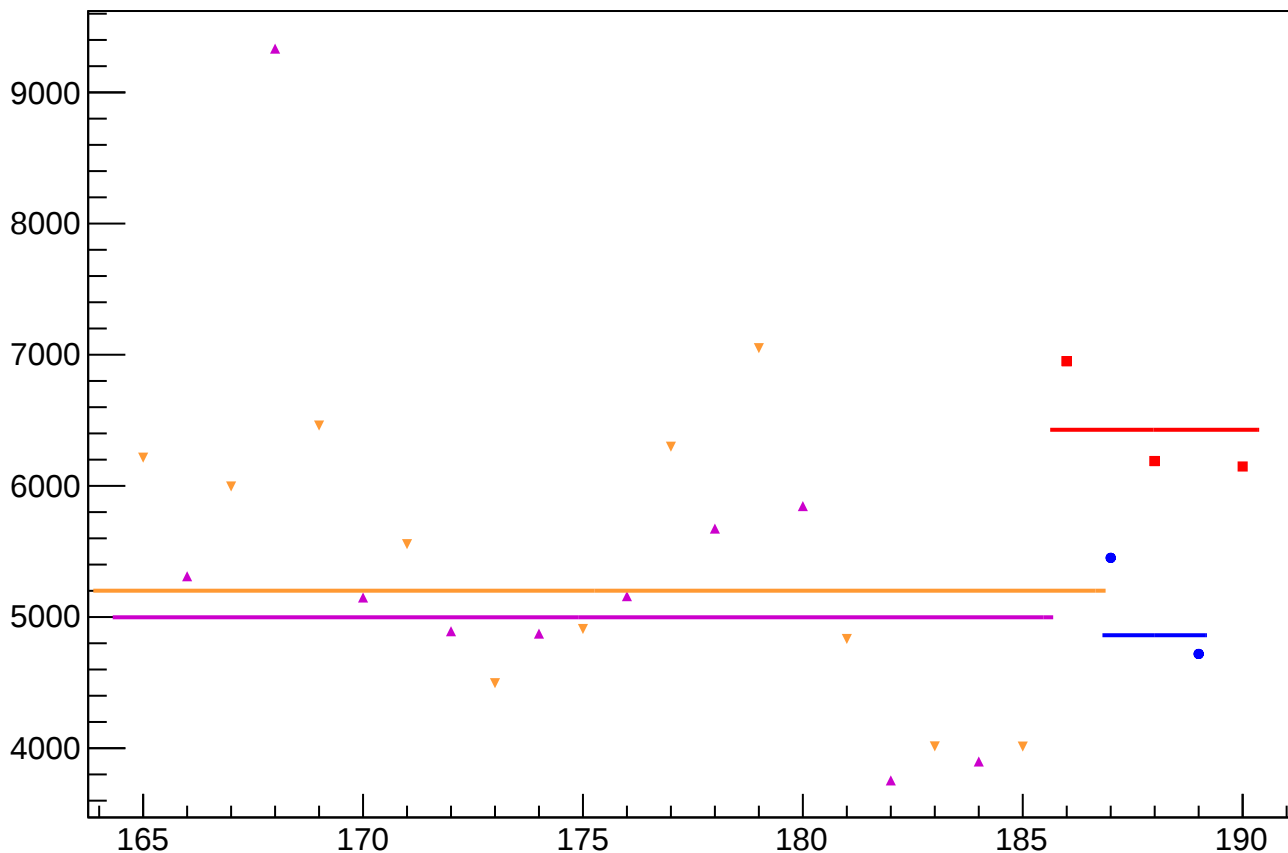
Left In: -5115.575 ± 1910.185 χ^2/NDF : 3.6/9

+ sign -946.945 ± 1746.543 χ^2/NDF : 14.8/14

All: -3717.059 ± 1239.530 χ^2/NDF : 32.6/29

- sign -6528.267 ± 1759.450 χ^2/NDF : 12.7/14

asym_atl_avg_rms vs Slug



Right In: 4861.293+/-3.092 χ^2/NDF : 8793.4/3

Left Out: 5200.873+/-1.347 χ^2/NDF : 484559.7/10

Right Out: 6427.775+/-3.195 χ^2/NDF : 12724.1/4

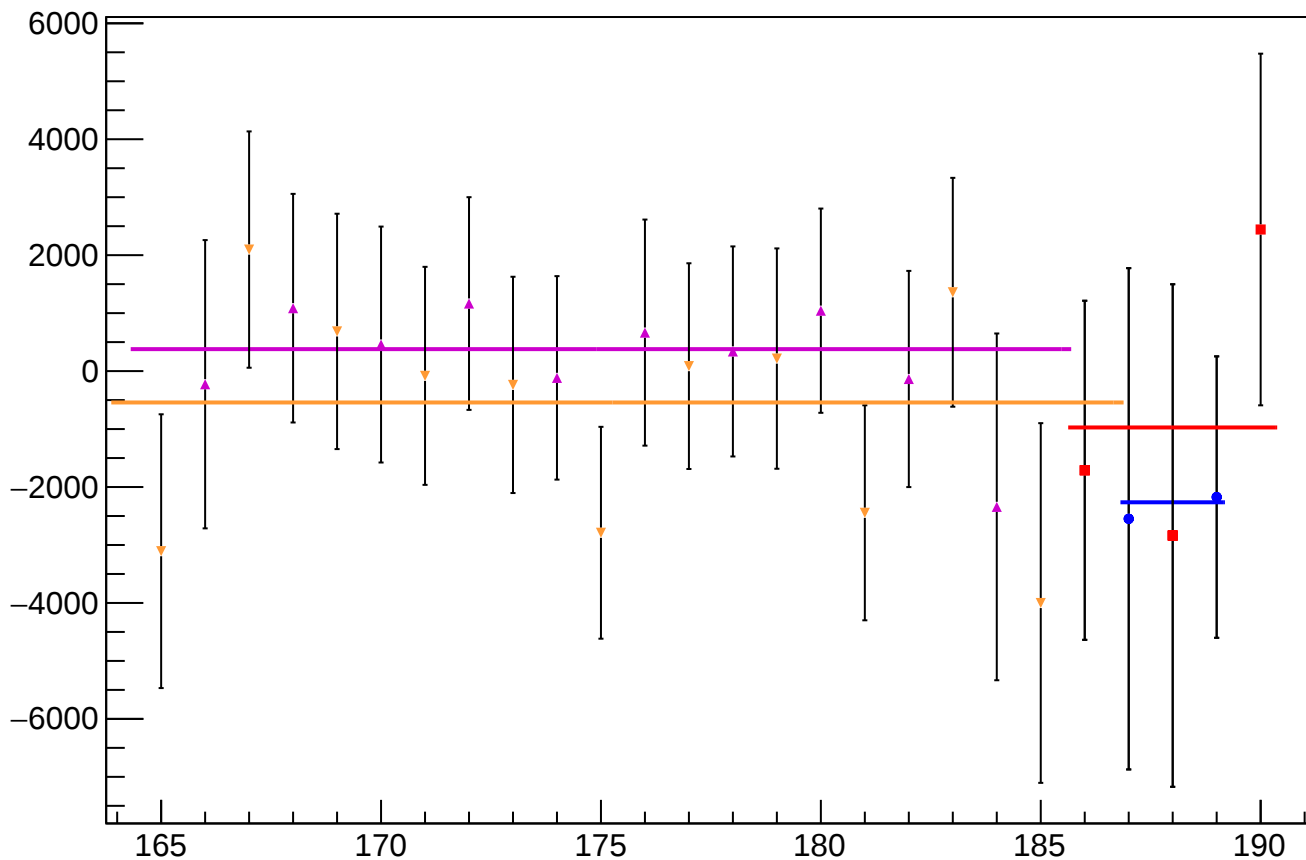
Left In: 4998.123+/-1.351 χ^2/NDF : 634920.2/9

+ sign 5146.701+/-1.235 χ^2/NDF : 503490.1/14

All: 5180.526+/-0.876 χ^2/NDF : 1322480.5/29

- sign 5214.852+/-1.244 χ^2/NDF : 817479.0/14

dit_asym_atl_dd_mean vs Slug



Right In: -2263.419 $\pm$ 1496.911 χ^2 /NDF: 0.0/3

Left Out: -541.340 $\pm$ 600.021 χ^2 /NDF: 8.3/10

Right Out: -972.416 $\pm$ 1492.542 χ^2 /NDF: 1.8/4

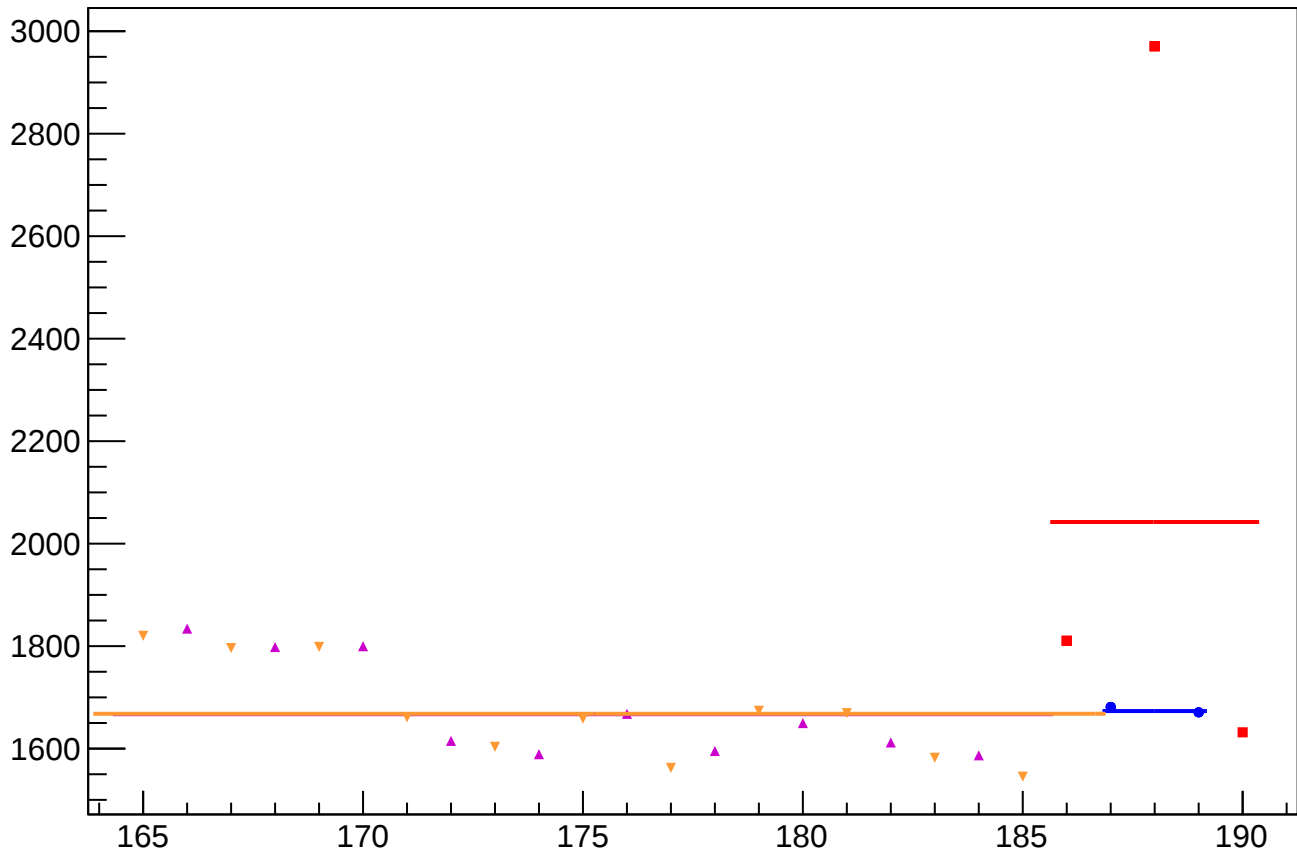
Left In: 378.897 $\pm$ 623.652 χ^2 /NDF: 1.5/9

+ sign -779.728 $\pm$ 556.944 χ^2 /NDF: 9.5/14

All: -316.485 $\pm$ 400.197 χ^2 /NDF: 14.9/29

- sign 178.034 $\pm$ 575.438 χ^2 /NDF: 4.0/14

dit_asym_atl_dd_rms vs Slug



Right In: 1673.329+/-1.058 χ^2/NDF : 18.0/3

Left Out: 1668.029+/-0.424 χ^2/NDF : 40969.9/10

Right Out: 2042.265+/-1.055 χ^2/NDF : 245233.4/4

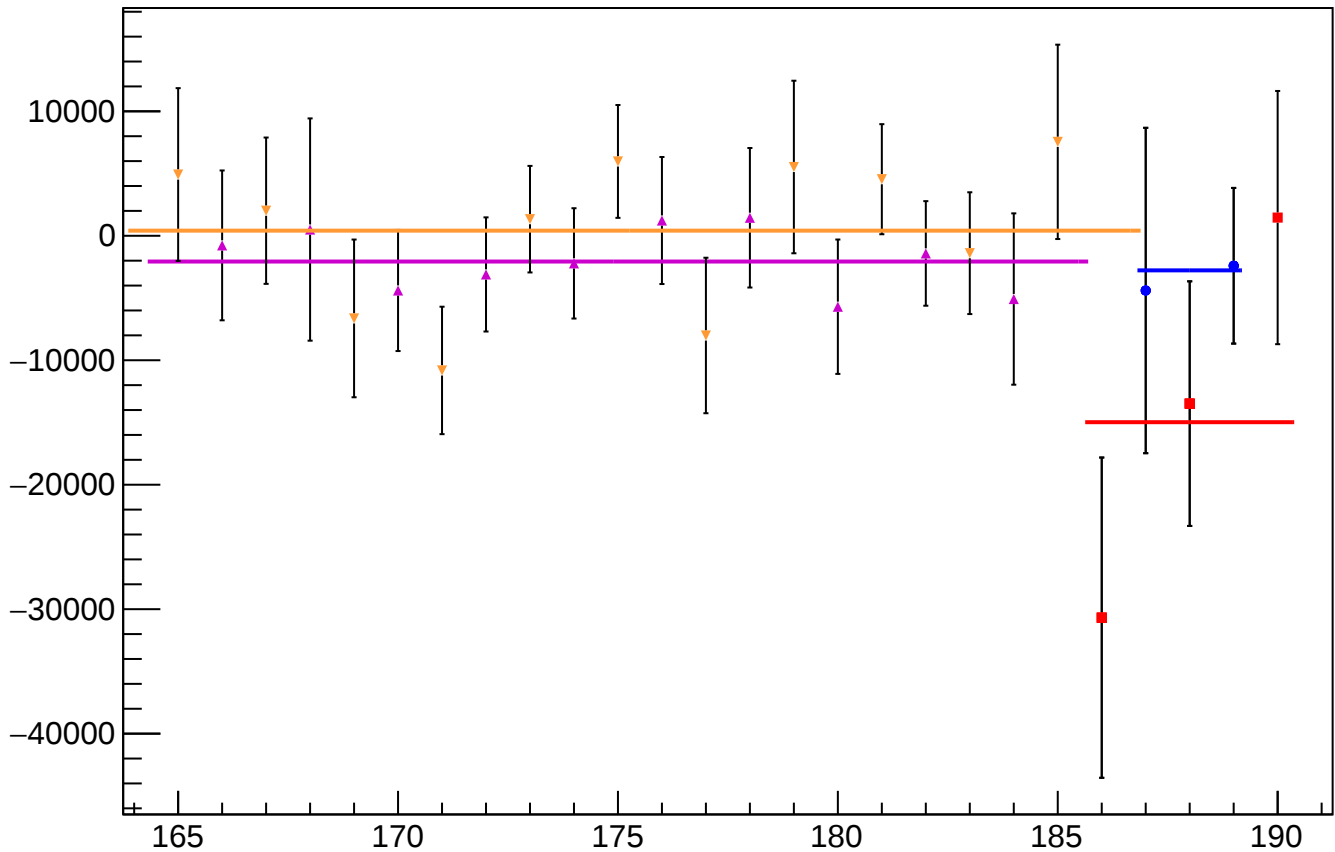
Left In: 1667.136+/-0.441 χ^2/NDF : 38444.1/9

+ sign 1668.763+/-0.394 χ^2/NDF : 41009.6/14

All: 1694.946+/-0.283 χ^2/NDF : 441385.8/29

- sign 1722.897+/-0.407 χ^2/NDF : 391237.3/14

asym_atl_dd_correction_mean vs Slug



Right In: -2778.570 ± 3988.882 χ^2/NDF : 0.0/3

Left Out: 413.119 ± 1639.975 χ^2/NDF : 12.3/10

Right Out: -14976.494 ± 4853.057 χ^2/NDF : 5.6/4

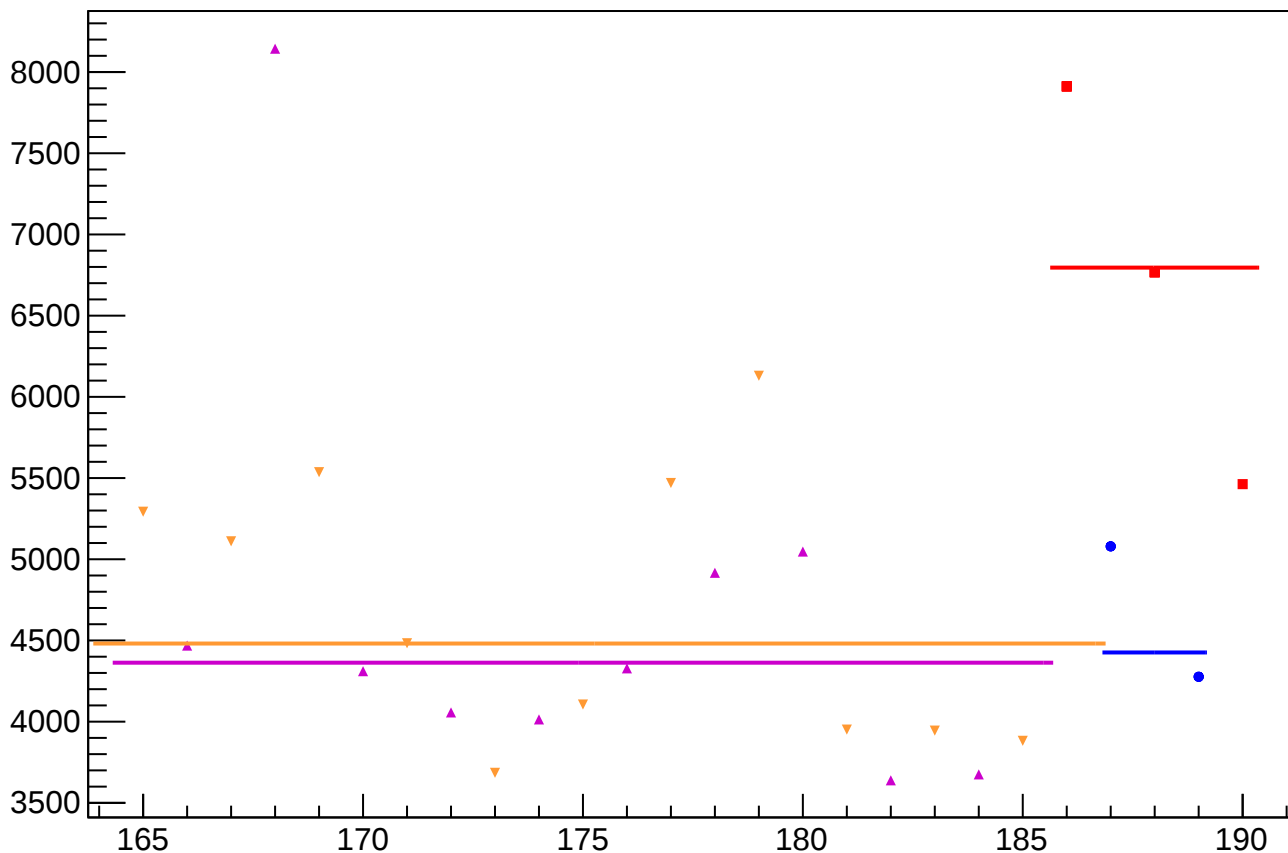
Left In: -2068.484 ± 1659.301 χ^2/NDF : 1.9/9

+ sign -48.375 ± 1516.784 χ^2/NDF : 12.9/14

All: -1675.772 ± 1090.878 χ^2/NDF : 29.1/29

- sign -3419.511 ± 1570.065 χ^2/NDF : 13.9/14

asym_atl_dd_correction_rms vs Slug



Right In: 4426.064+/-2.821 χ^2/NDF : 12278.6/3

Left Out: 4481.089+/-1.160 χ^2/NDF : 416466.8/10

Right Out: 6795.829+/-3.432 χ^2/NDF : 64481.4/4

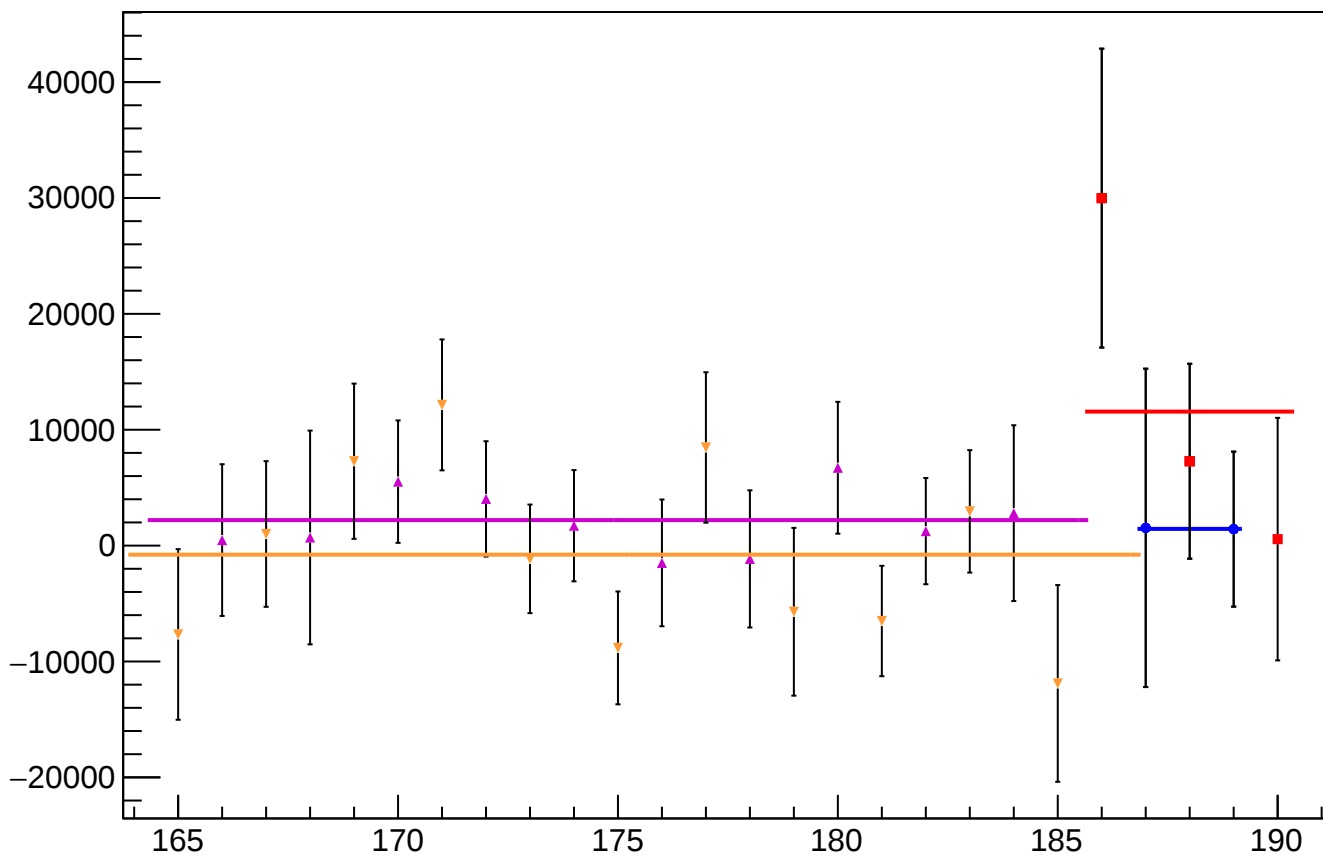
Left In: 4363.093+/-1.173 χ^2/NDF : 511921.8/9

+ sign 4473.132+/-1.073 χ^2/NDF : 429070.9/14

All: 4542.930+/-0.771 χ^2/NDF : 1464207.4/29

- sign 4617.717+/-1.110 χ^2/NDF : 1026363.6/14

asym_atl_dd_mean vs Slug



Right In: 1443.539 $\pm$ 4252.252 χ^2/NDF : 0.0/3

Left Out: -781.614 $\pm$ 1763.115 χ^2/NDF :16.5/10

Right Out: 11565.085 $\pm$ 4498.128 χ^2/NDF : 5.7/4

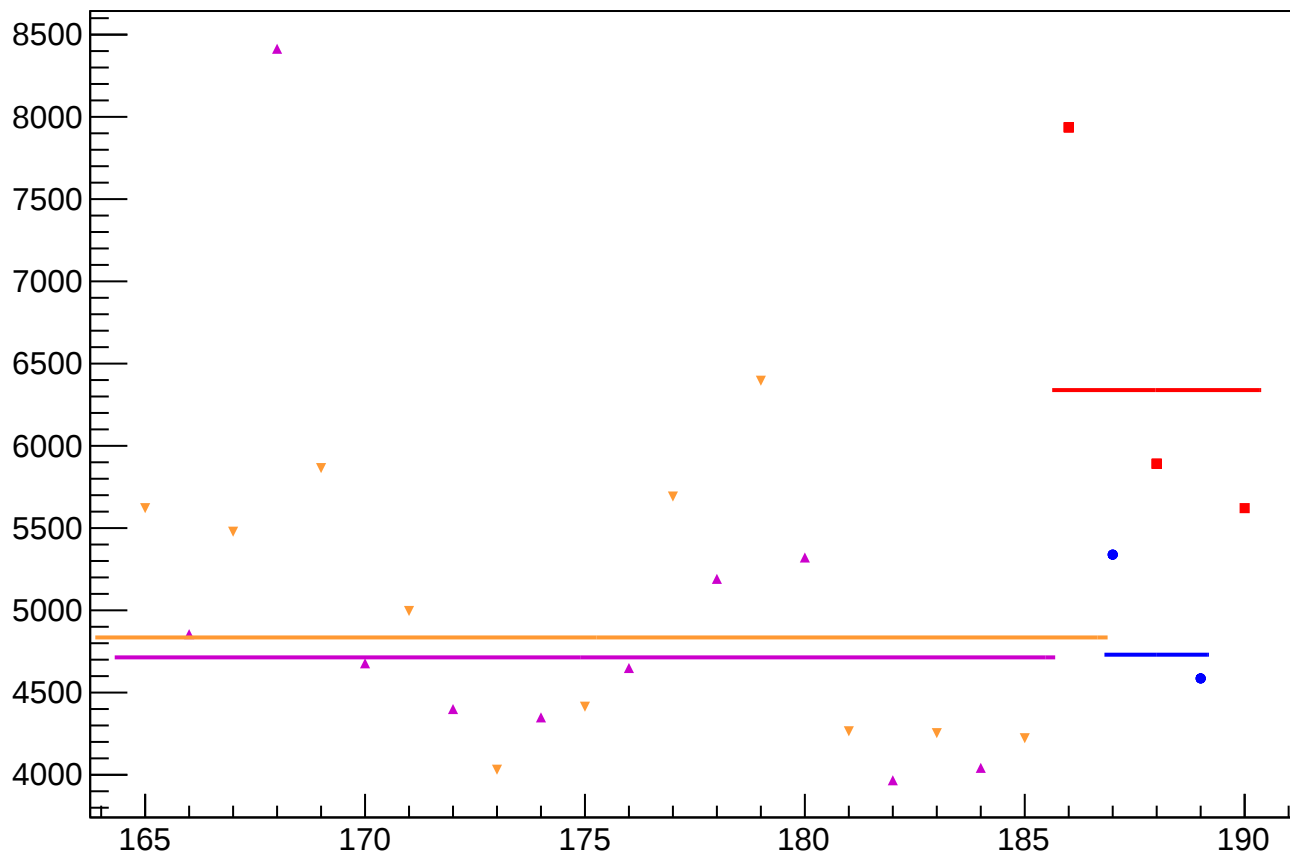
Left In: 2200.776 $\pm$ 1788.774 χ^2/NDF :2.1/9

+ sign -455.187 $\pm$ 1628.666 χ^2/NDF : 16.8/14

All: 1472.083 $\pm$ 1163.304 χ^2/NDF : 31.2/29

- sign 3479.454 $\pm$ 1662.167 χ^2/NDF : 11.5/14

asym_atl_dd_rms vs Slug



Right In: 4730.262+/-3.007 χ^2/NDF : 9708.0/3

Left Out: 4835.123+/-1.247 χ^2/NDF : 357607.6/10

Right Out: 6338.981+/-3.181 χ^2/NDF : 82112.0/4

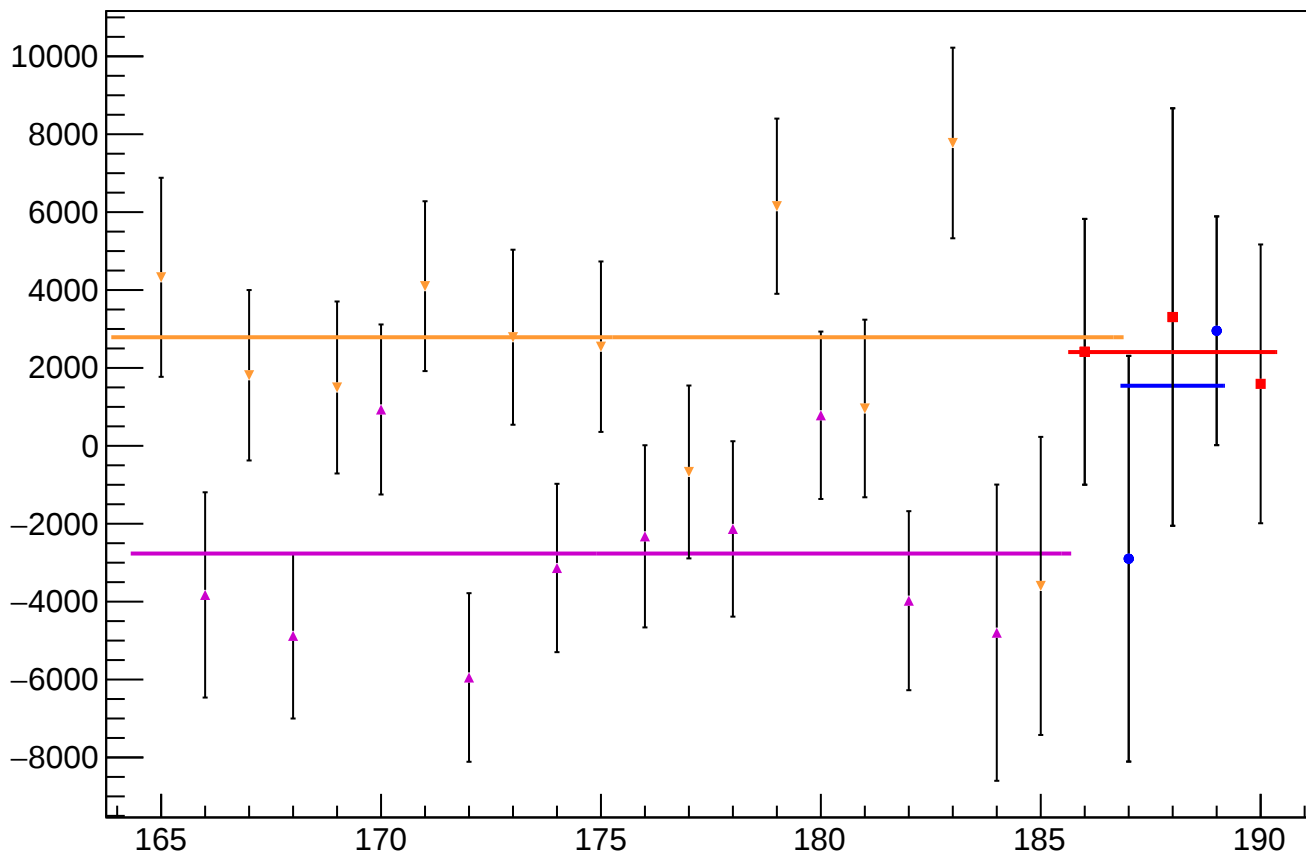
Left In: 4713.938+/-1.265 χ^2/NDF : 447211.5/9

+ sign 4819.740+/-1.152 χ^2/NDF : 368353.4/14

All: 4876.606+/-0.823 χ^2/NDF : 1128044.2/29

- sign 4935.834+/-1.175 χ^2/NDF : 754713.1/14

dit_asym_atr_avg_mean vs Slug



Right In: 1542.573 ± 1808.709 χ^2/NDF : 1.9/3

Left Out: 2788.033 ± 704.826 χ^2/NDF : 13.5/10

Right Out: 2407.476 ± 1769.206 χ^2/NDF : 0.1/4

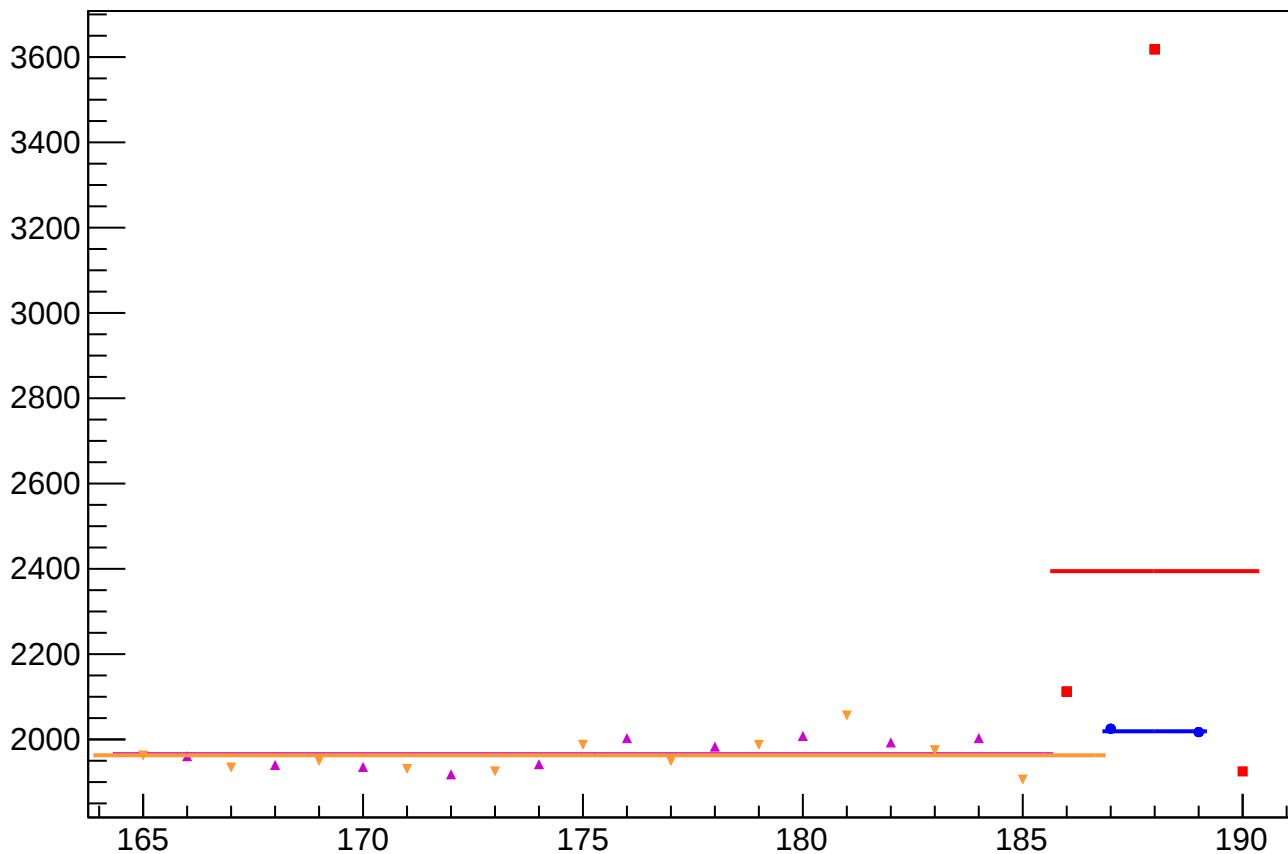
Left In: -2765.184 ± 733.524 χ^2/NDF : 9.6/9

+ sign 2623.839 ± 656.724 χ^2/NDF : 15.9/14

All: 381.101 ± 471.580 χ^2/NDF : 57.0/29

- sign -2006.439 ± 677.594 χ^2/NDF : 17.0/14

dit_asym_atr_avg_rms vs Slug



Right In: 2019.063+/-1.279 χ^2/NDF : 7.2/3

Left Out: 1962.867+/-0.498 χ^2/NDF : 5829.5/10

Right Out: 2394.628+/-1.251 χ^2/NDF : 270360.0/4

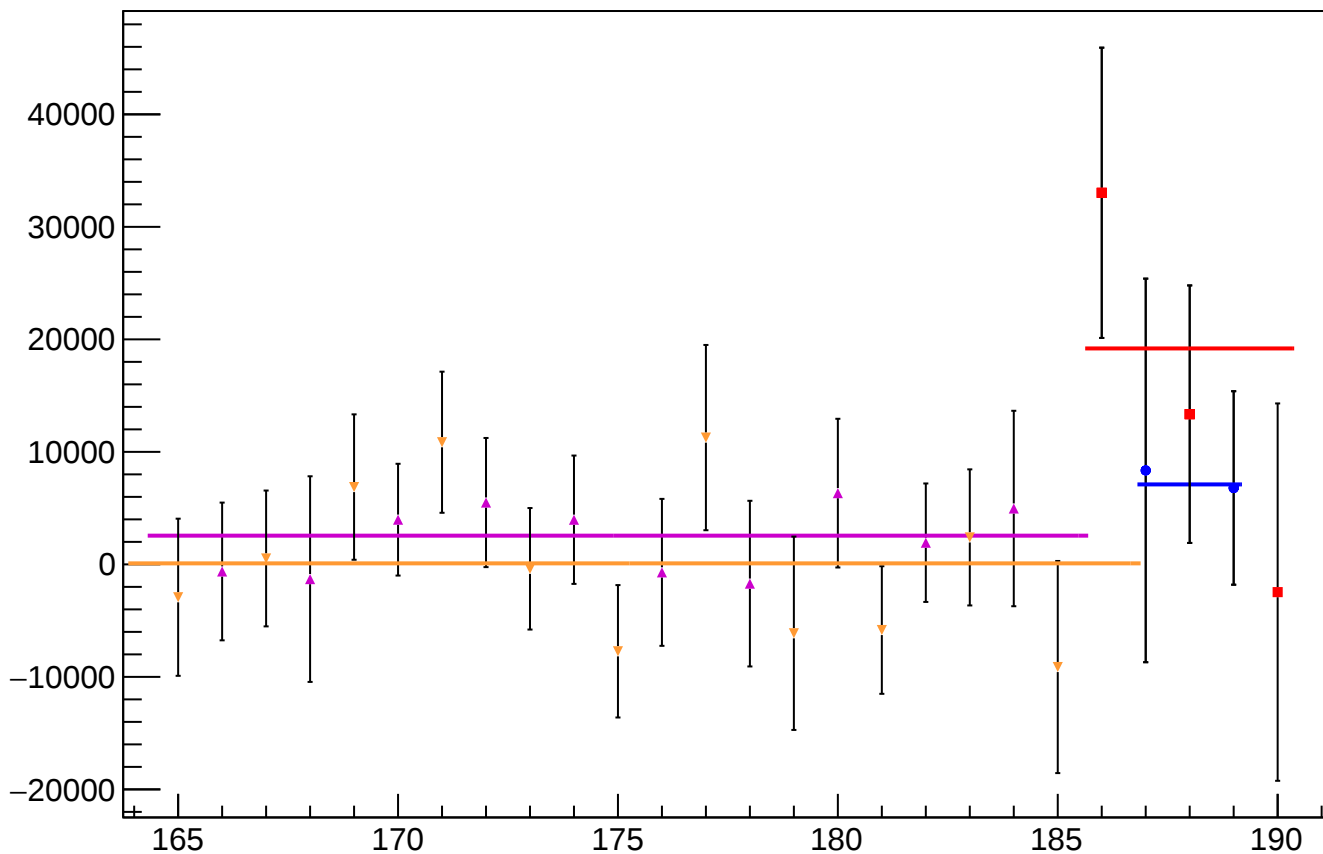
Left In: 1965.347+/-0.519 χ^2/NDF : 3769.5/9

+ sign 1970.276+/-0.464 χ^2/NDF : 7512.8/14

All: 1998.388+/-0.333 χ^2/NDF : 389685.8/29

- sign 2028.316+/-0.479 χ^2/NDF : 374606.6/14

asym_atr_avg_correction_mean vs Slug



Right In: 7108.035 $\pm$ 5428.884 χ^2 /NDF: 0.0/3

Left Out: 90.313 $\pm$ 1966.995 χ^2 /NDF:10.6/10

Right Out: 19193.171 $\pm$ 5694.046 χ^2 /NDF: 4.5/4

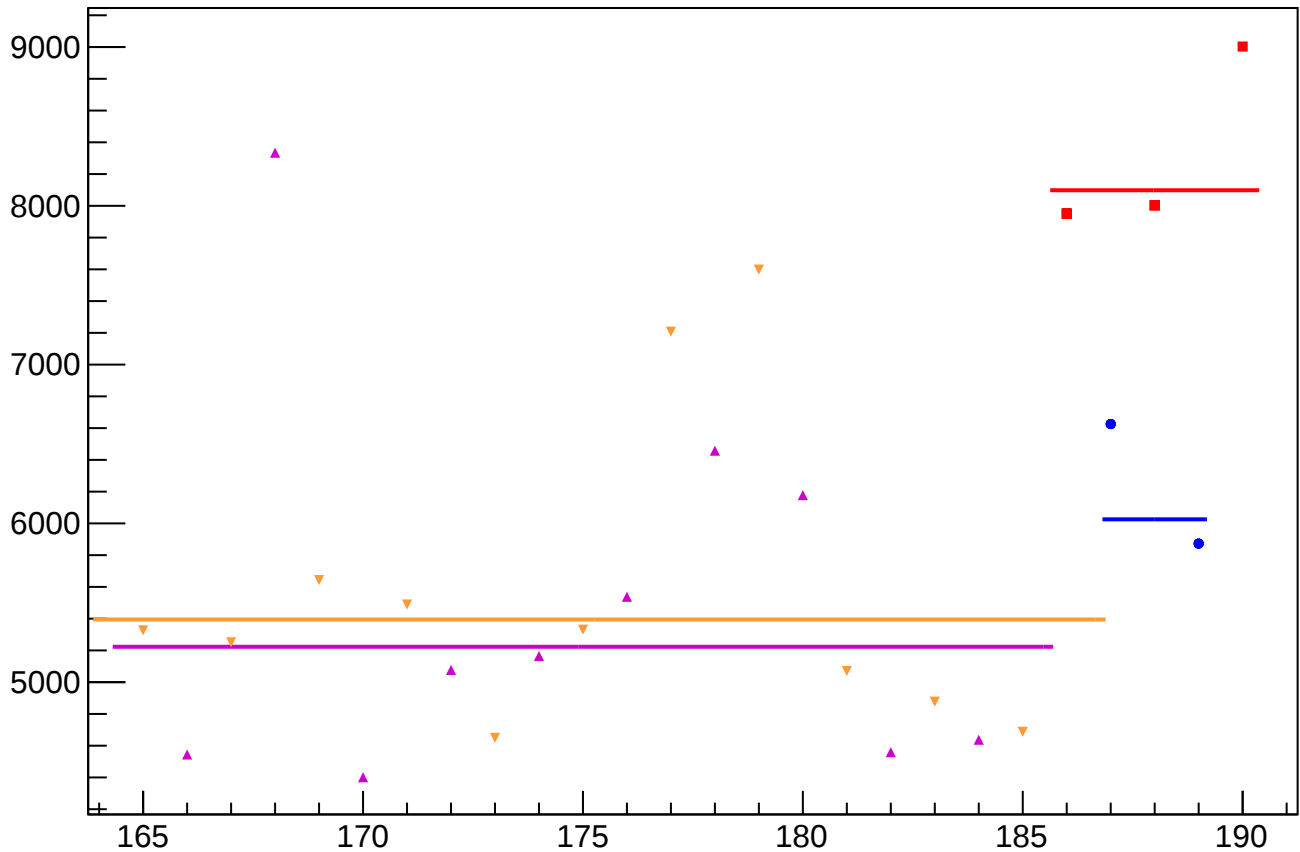
Left In: 2552.985 $\pm$ 1982.598 χ^2 /NDF:1.9/9

+ sign 904.666 $\pm$ 1849.350 χ^2 /NDF: 12.1/14

All: 2607.143 $\pm$ 1315.743 χ^2 /NDF: 27.7/29

- sign 4352.224 $\pm$ 1872.347 χ^2 /NDF: 14.0/14

asym_atr_avg_correction_rms vs Slug



Right In: 6025.625 $\pm$ 3.839 χ^2 /NDF: 6216.8/3

Left Out: 5394.658 $\pm$ 1.391 χ^2 /NDF:303952.7/10

Right Out: 8098.197 $\pm$ 4.026 χ^2 /NDF: 6617.2/4

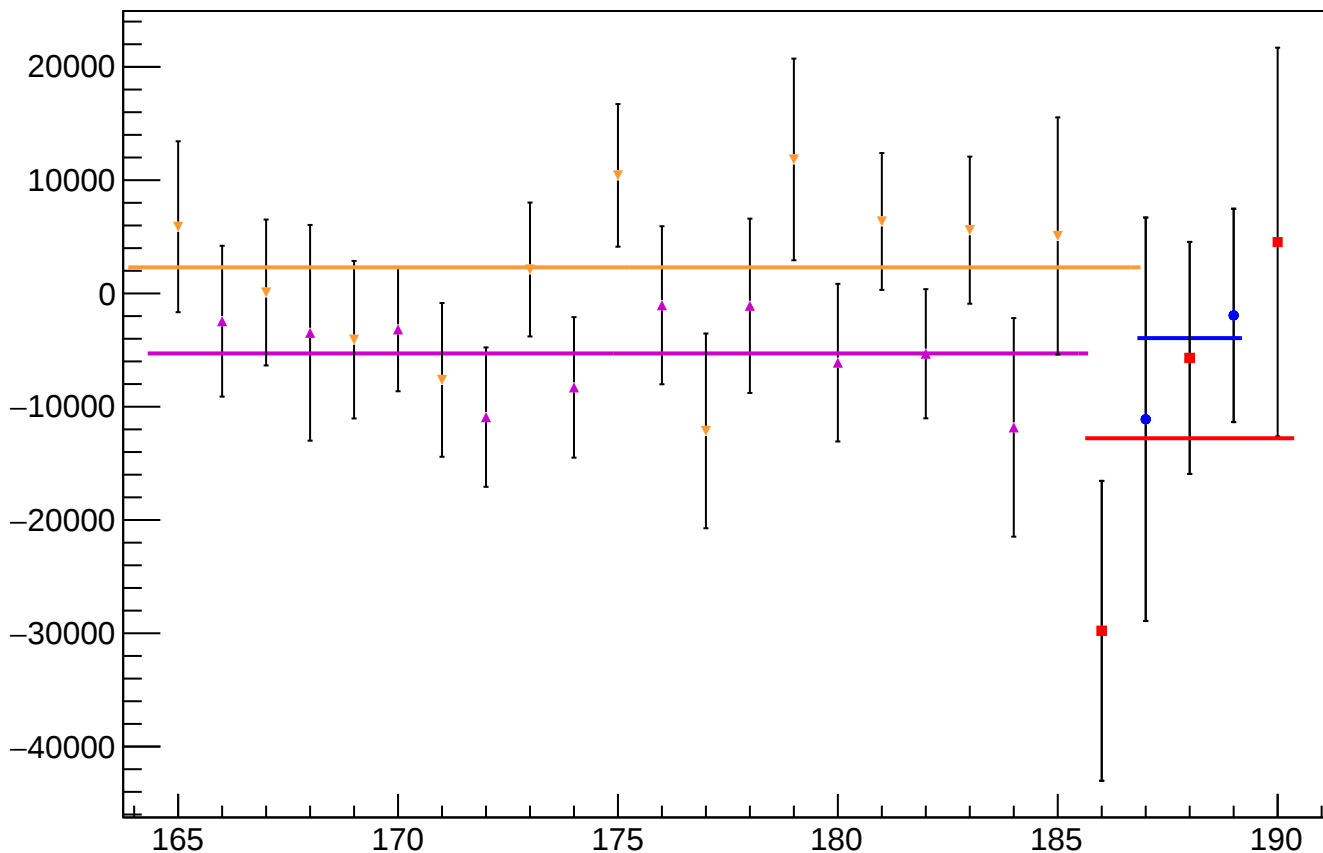
Left In: 5223.010 $\pm$ 1.402 χ^2 /NDF:456221.8/9

+ sign 5467.877 $\pm$ 1.308 χ^2 /NDF: 334050.5/14

All: 5500.477 $\pm$ 0.930 χ^2 /NDF: 1252951.5/29

- sign 5533.893 $\pm$ 1.324 χ^2 /NDF: 917642.5/14

asym_atr_avg_mean vs Slug



Right In: -3942.837+/-5887.477 χ^2/NDF : 0.4/3

Left Out: 2304.653+/-2111.232 χ^2/NDF : 9.7/10

Right Out: -12782.994+/-5433.147 χ^2/NDF : 5.3/4

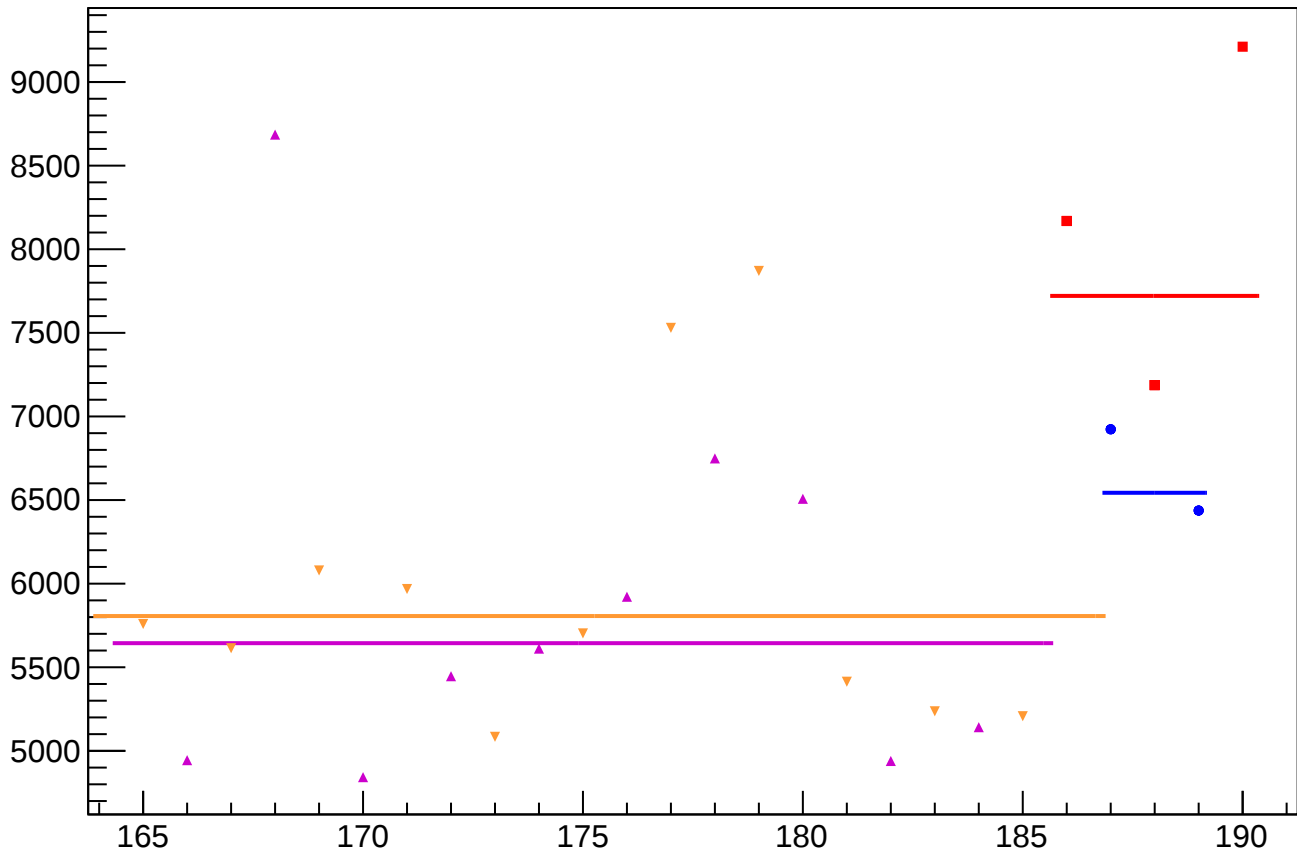
Left In: -5296.231+/-2136.584 χ^2/NDF : 2.6/9

+ sign 1592.814+/-1987.318 χ^2/NDF : 11.1/14

All: -2350.998+/-1405.616 χ^2/NDF : 28.5/29

- sign -6298.958+/-1988.363 χ^2/NDF : 9.5/14

asym_atr_avg_rms vs Slug



Right In: 6543.502 $\pm$ 4.163 χ^2 /NDF: 2324.4/3

Left Out: 5806.333 $\pm$ 1.493 χ^2 /NDF: 254831.4/10

Right Out: 7720.954 $\pm$ 3.842 χ^2 /NDF: 30525.6/4

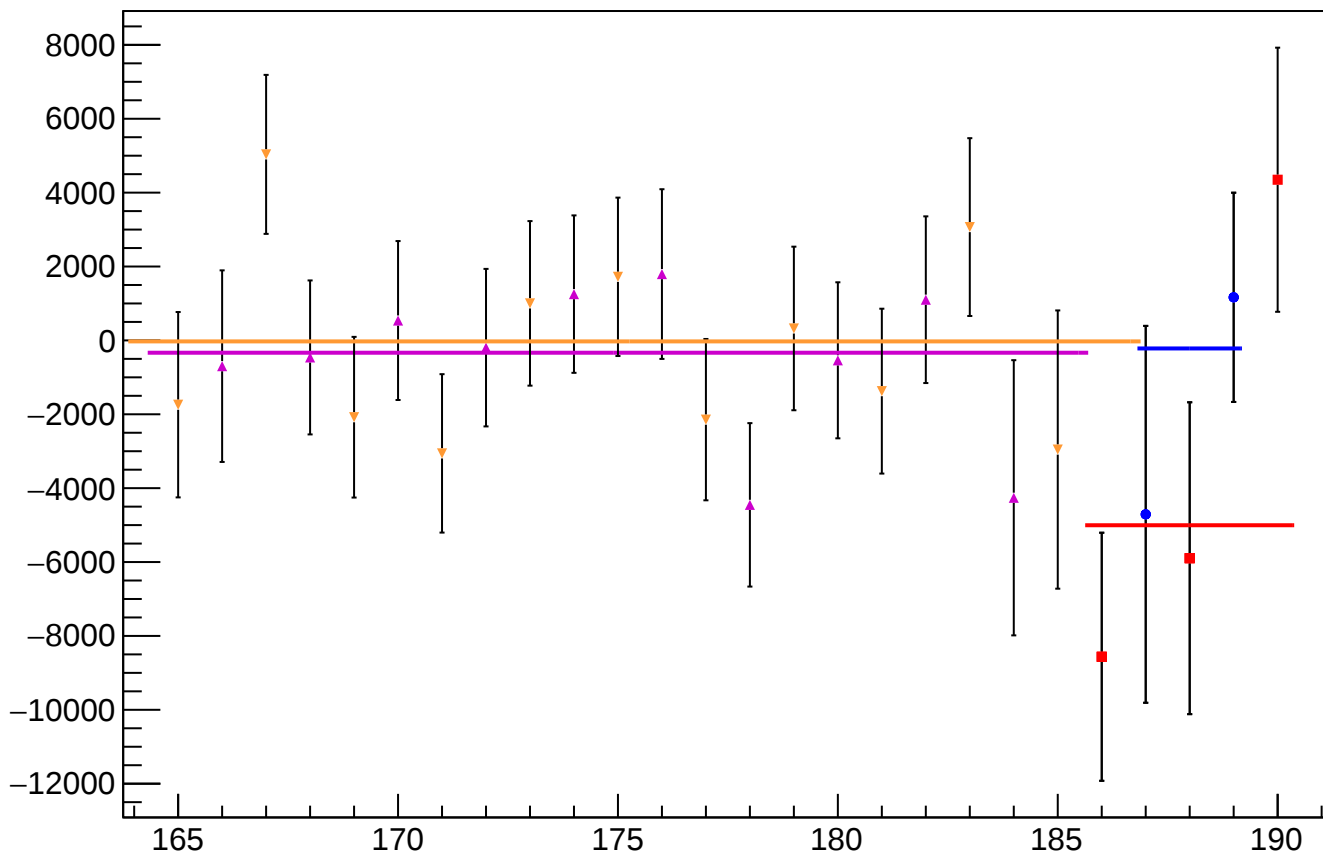
Left In: 5644.066 $\pm$ 1.511 χ^2 /NDF: 382395.2/9

+ sign 5890.326 $\pm$ 1.405 χ^2 /NDF: 284938.1/14

All: 5906.270 $\pm$ 0.994 χ^2 /NDF: 951223.7/29

- sign 5922.231 $\pm$ 1.406 χ^2 /NDF: 666028.0/14

dit_asym_atr_dd_mean vs Slug



Right In: -218.067+/-1750.784 χ^2/NDF : 2.0/3

Left Out: -26.961+/-693.304 χ^2/NDF :13.4/10

Right Out: -5003.820+/-1648.722 χ^2/NDF : 9.2/4

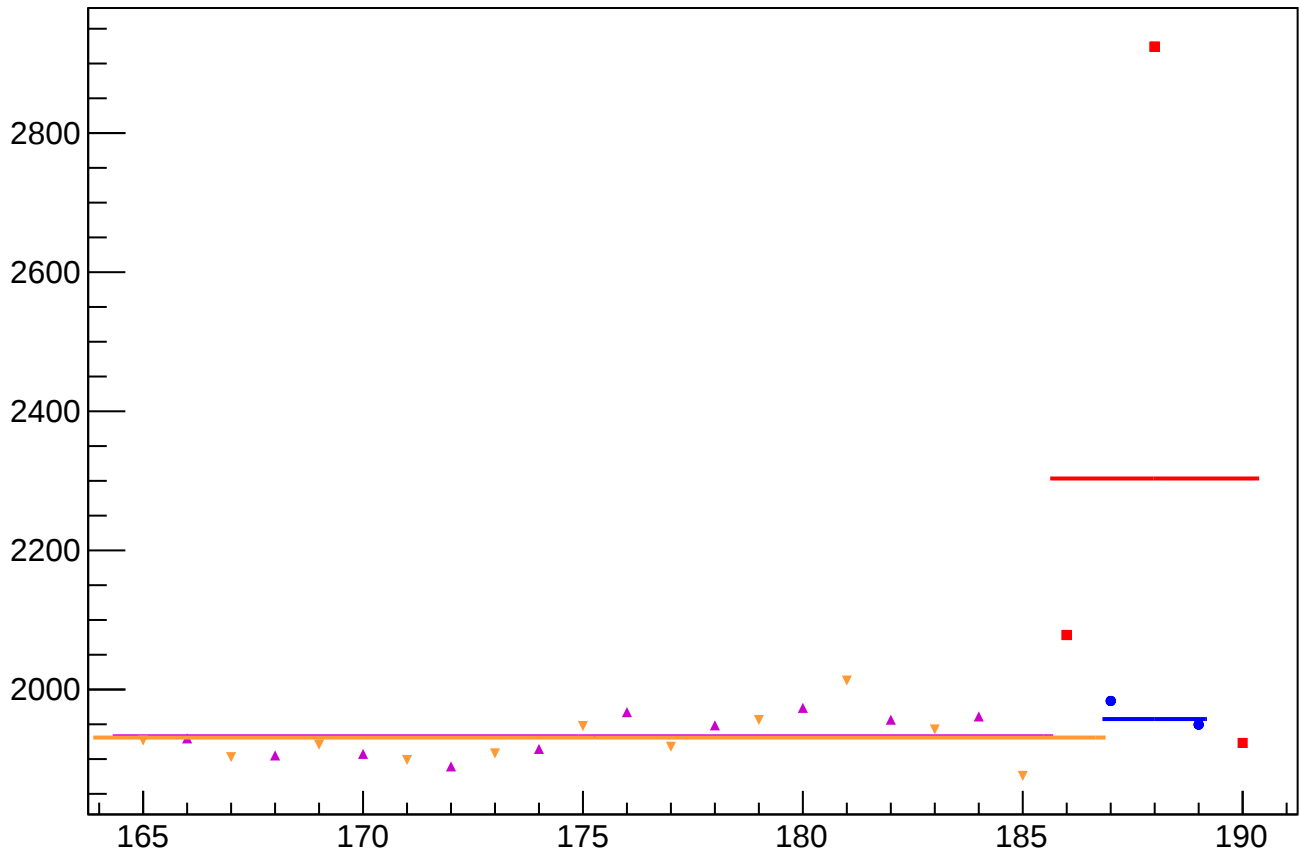
Left In: -333.823+/-721.348 χ^2/NDF :6.6/9

+ sign -52.866+/-644.603 χ^2/NDF : 15.4/14

All: -555.660+/-461.445 χ^2/NDF : 39.2/29

- sign -1084.141+/-660.863 χ^2/NDF : 22.5/14

dit_asym_atr_dd_rms vs Slug



Right In: 1957.533 ± 1.238 χ^2/NDF : 136.3/3

Left Out: 1930.926 ± 0.490 χ^2/NDF : 4680.2/10

Right Out: 2303.399 ± 1.166 χ^2/NDF : 127070.6/4

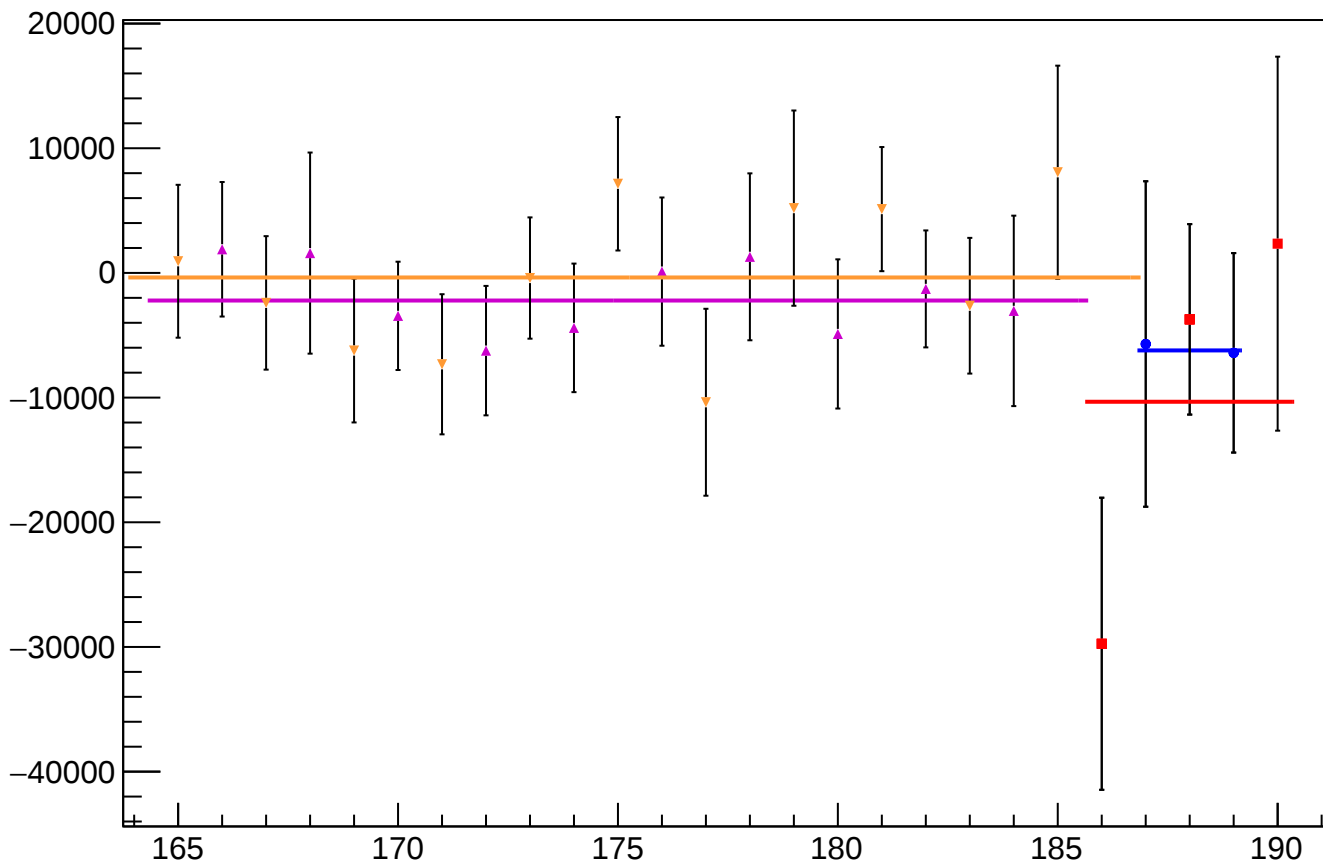
Left In: 1932.736 ± 0.510 χ^2/NDF : 3247.5/9

+ sign 1934.533 ± 0.456 χ^2/NDF : 5215.8/14

All: 1962.692 ± 0.326 χ^2/NDF : 228207.5/29

- sign 1992.290 ± 0.467 χ^2/NDF : 215163.3/14

asym_atr_dd_correction_mean vs Slug



Right In: -6216.411+/-4822.685 χ^2/NDF : 0.0/3

Left Out: -364.975+/-1761.397 χ^2/NDF : 9.4/10

Right Out: -10333.680+/-4331.247 χ^2/NDF : 7.7/4

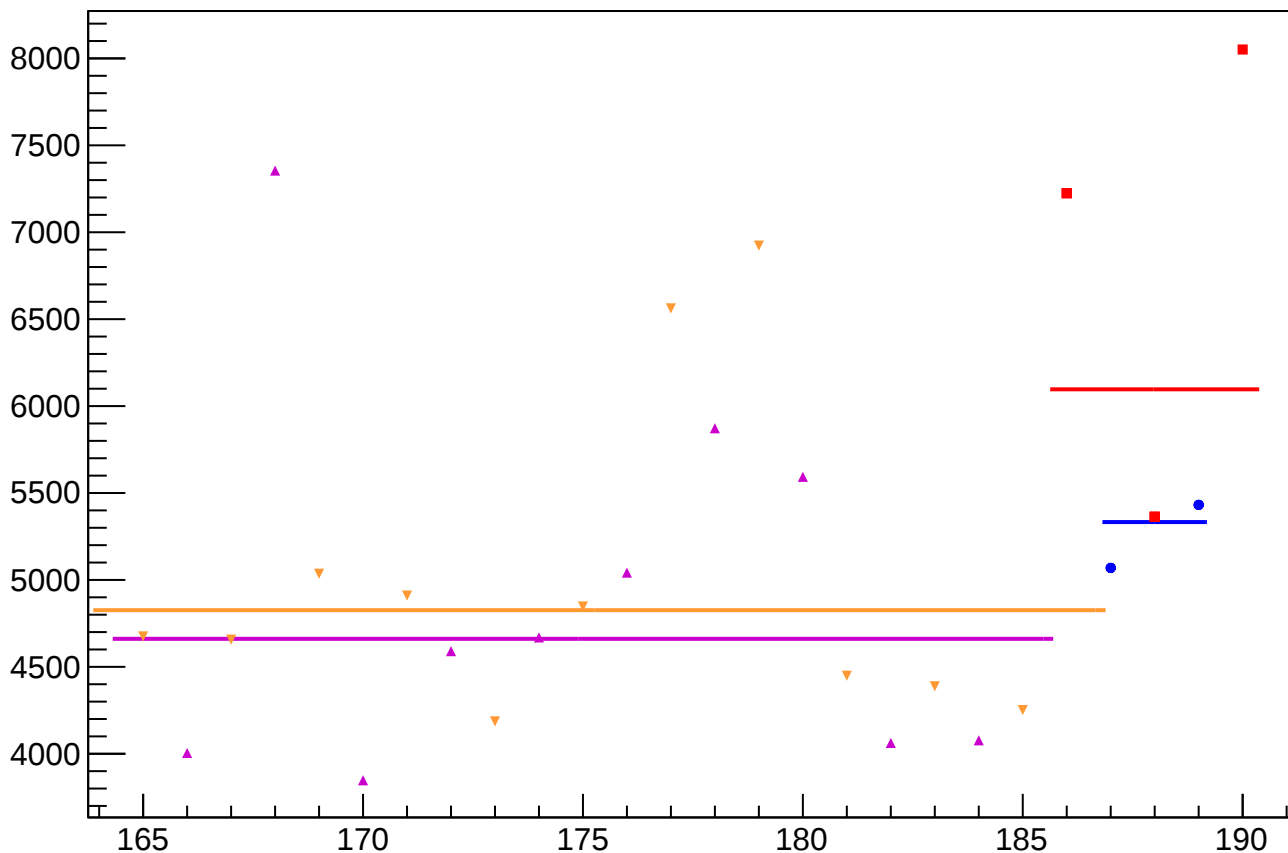
Left In: -2214.063+/-1771.564 χ^2/NDF : 2.3/9

+ sign -1053.656+/-1654.500 χ^2/NDF : 10.7/14

All: -2226.148+/-1164.643 χ^2/NDF : 24.7/29

- sign -3377.765+/-1639.707 χ^2/NDF : 13.1/14

asym_atr_dd_correction_rms vs Slug



Right In: 5332.912 $\pm$ 3.410 χ^2 /NDF: 2244.3/3

Left Out: 4826.060 $\pm$ 1.245 χ^2 /NDF: 325113.3/10

Right Out: 6096.543 $\pm$ 3.063 χ^2 /NDF: 107919.0/4

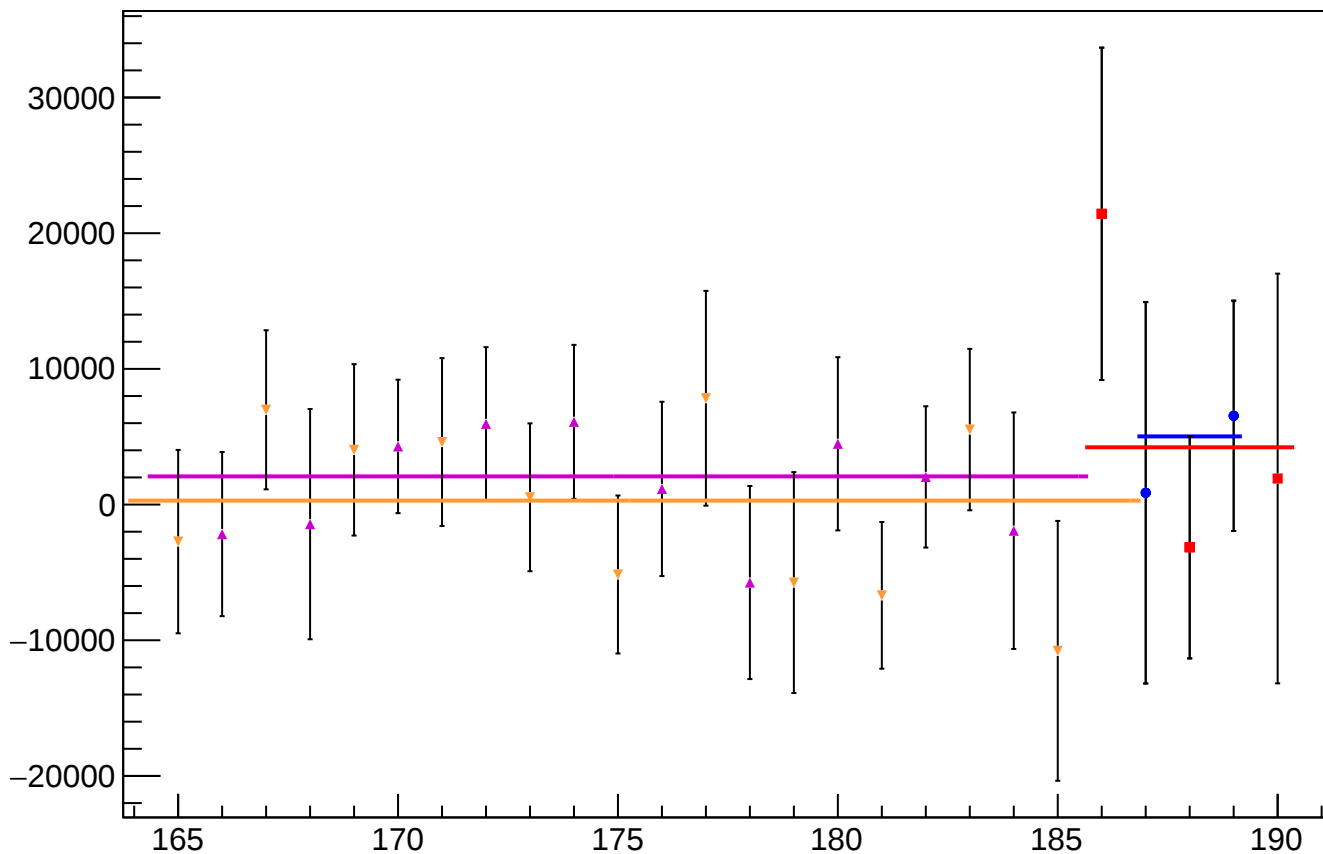
Left In: 4661.243 $\pm$ 1.253 χ^2 /NDF: 489746.2/9

+ sign 4885.714 $\pm$ 1.170 χ^2 /NDF: 346848.6/14

All: 4876.248 $\pm$ 0.824 χ^2 /NDF: 1132795.2/29

- sign 4866.950 $\pm$ 1.159 χ^2 /NDF: 785816.9/14

asym_atr_dd_mean vs Slug



Right In: 5024.161+/-5137.868 χ^2/NDF : 0.2/3

Left Out: 292.783+/-1924.979 χ^2/NDF : 8.5/10

Right Out: 4222.063+/-4588.511 χ^2/NDF : 5.6/4

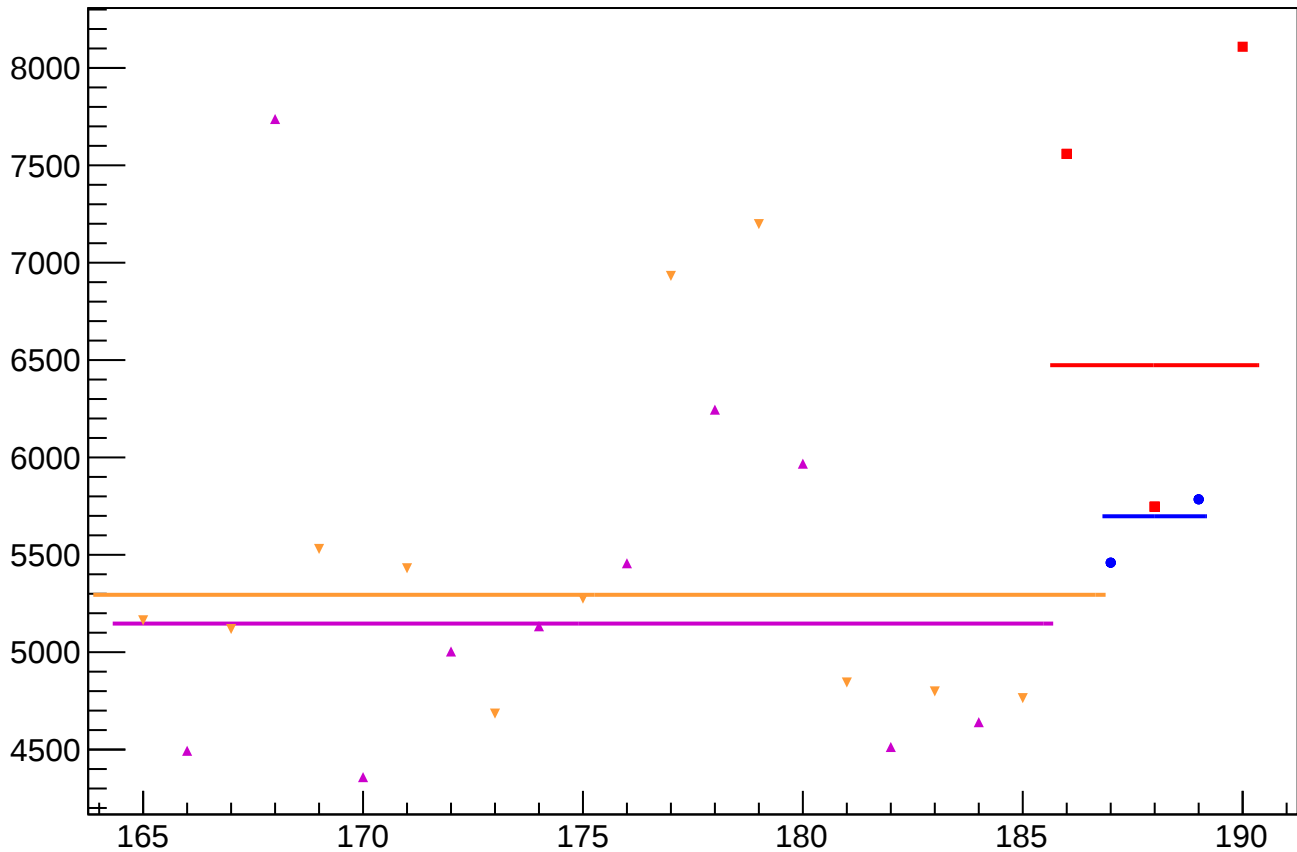
Left In: 2077.027+/-1948.217 χ^2/NDF : 3.4/9

+ sign 875.190+/-1802.613 χ^2/NDF : 9.4/14

All: 1643.897+/-1271.324 χ^2/NDF : 19.0/29

- sign 2404.657+/-1793.272 χ^2/NDF : 9.2/14

asym_atr_dd_rms vs Slug



Right In: 5697.906+/-3.633 χ^2/NDF : 1567.6/3

Left Out: 5294.662+/-1.361 χ^2/NDF : 260303.9/10

Right Out: 6473.691+/-3.245 χ^2/NDF : 86297.4/4

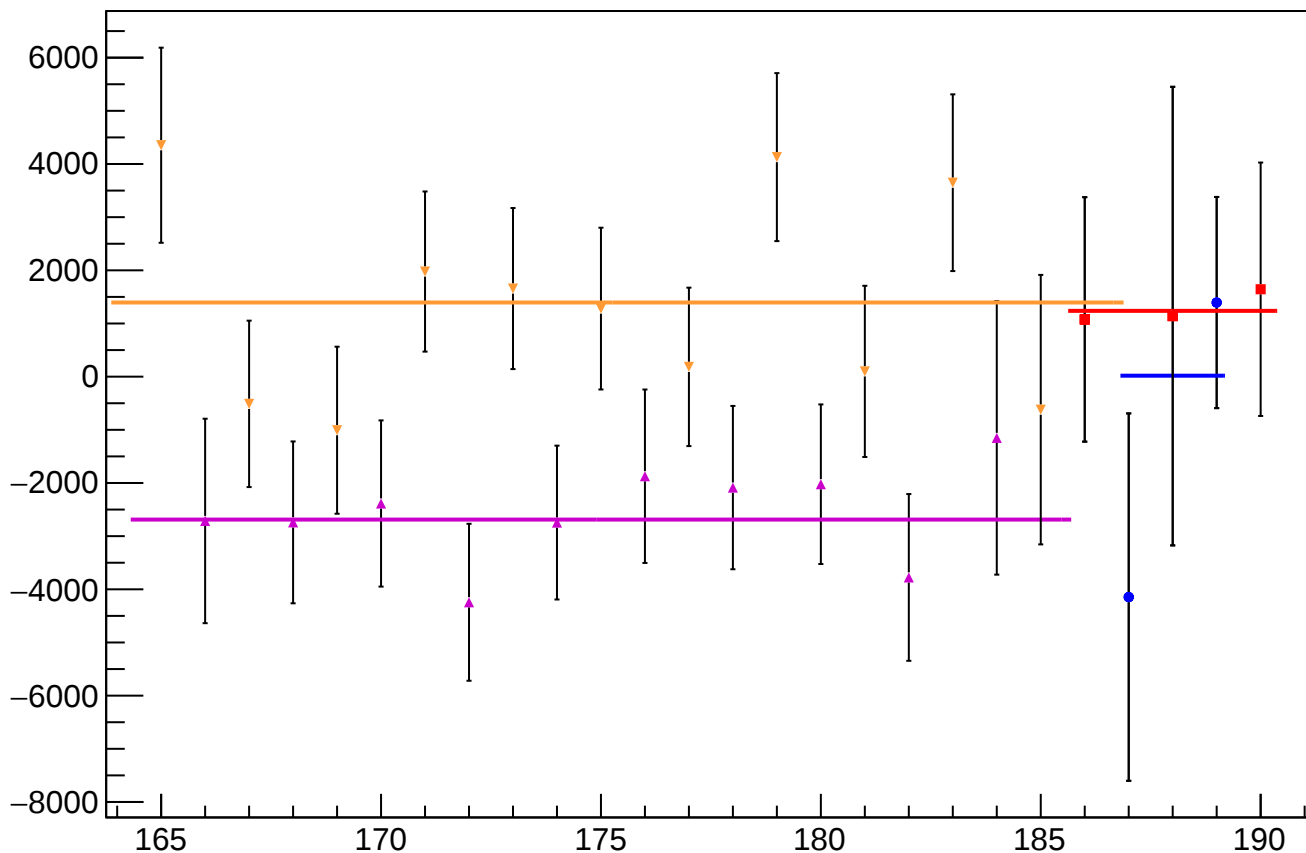
Left In: 5146.891+/-1.378 χ^2/NDF : 384400.8/9

+ sign 5344.299+/-1.275 χ^2/NDF : 272674.7/14

All: 5346.936+/-0.899 χ^2/NDF : 885063.4/29

- sign 5349.545+/-1.268 χ^2/NDF : 612380.2/14

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 18.160 ± 1217.589 $\chi^2/\text{NDF}: 3.9/3$

Left Out: 1394.929 ± 489.489 $\chi^2/\text{NDF}: 13.4/10$

Right Out: 1237.664 ± 1229.170 $\chi^2/\text{NDF}: 0.0/4$

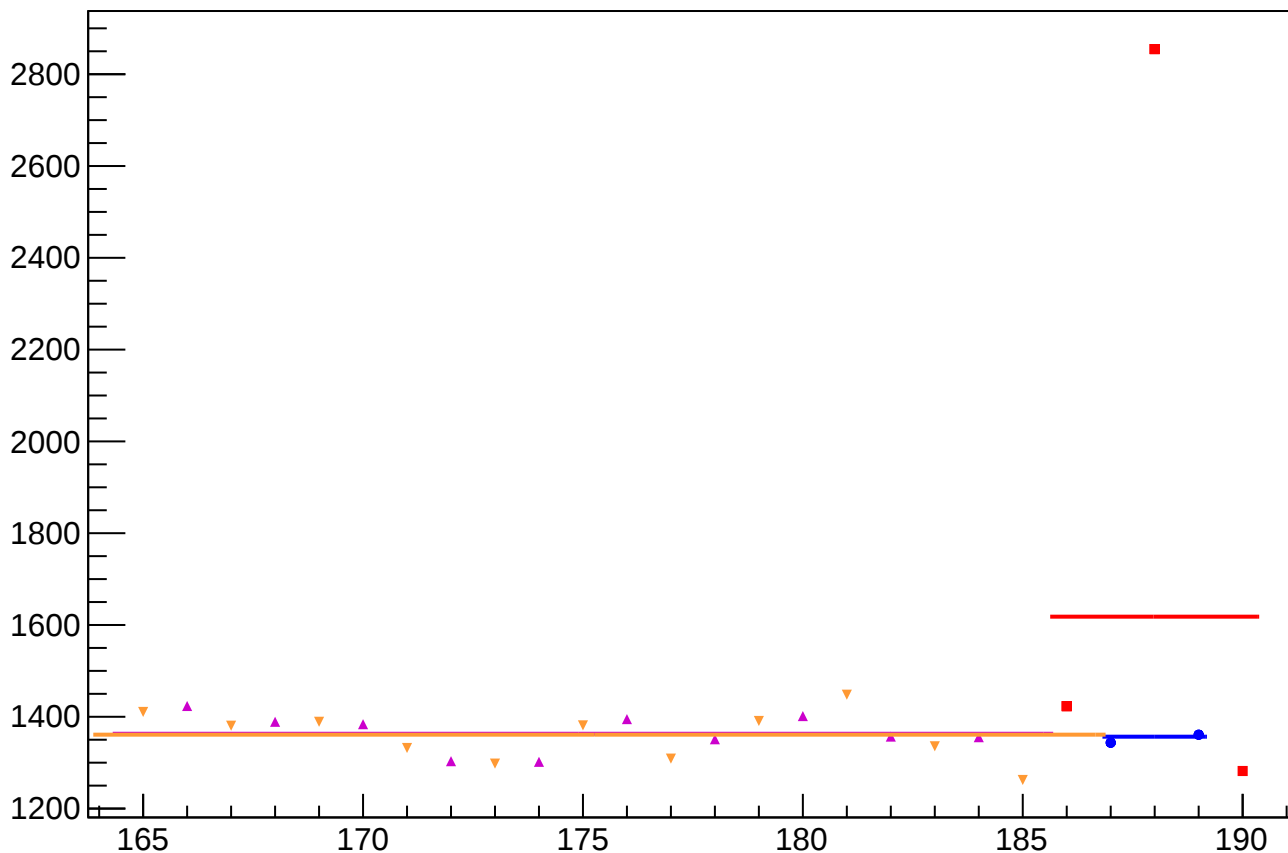
Left In: -2688.337 ± 509.708 $\chi^2/\text{NDF}: 2.6/9$

+ sign 1203.379 ± 454.163 $\chi^2/\text{NDF}: 18.3/14$

All: -394.723 ± 326.876 $\chi^2/\text{NDF}: 55.4/29$

- sign -2112.289 ± 470.832 $\chi^2/\text{NDF}: 11.3/14$

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1356.627 ± 0.861 $\chi^2/\text{NDF}: 76.5/3$

Left Out: 1361.034 ± 0.346 $\chi^2/\text{NDF}: 19484.0/10$

Right Out: 1618.128 ± 0.869 $\chi^2/\text{NDF}: 397446.0/4$

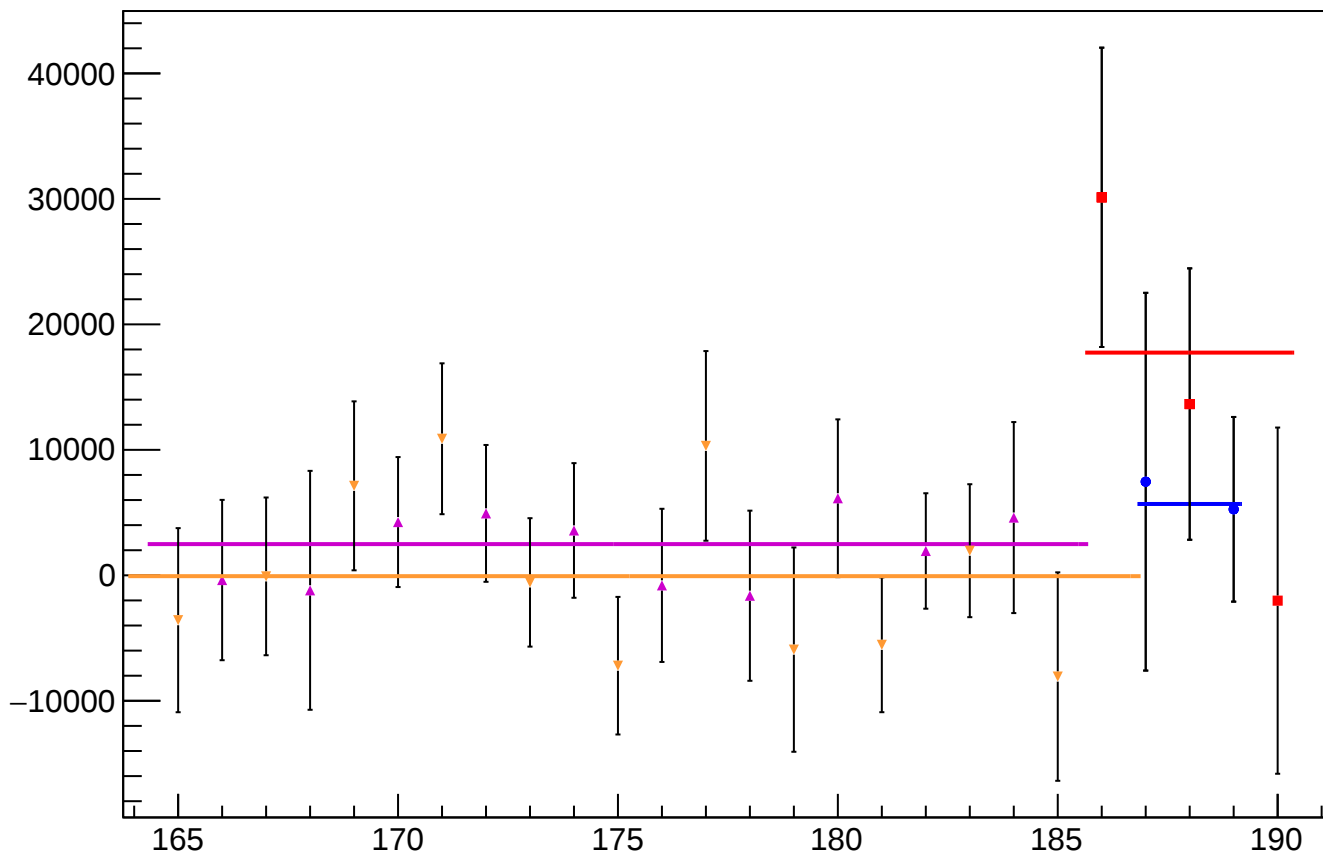
Left In: 1363.001 ± 0.360 $\chi^2/\text{NDF}: 12024.1/9$

+ sign 1360.421 ± 0.321 $\chi^2/\text{NDF}: 19583.0/14$

All: 1379.707 ± 0.231 $\chi^2/\text{NDF}: 510056.1/29$

- sign 1400.435 ± 0.333 $\chi^2/\text{NDF}: 482990.1/14$

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 5686.070+/-4674.720 χ^2/NDF : 0.0/3

Left Out: -66.837+/-1881.517 χ^2/NDF : 10.9/10

Right Out: 17749.369+/-5240.533 χ^2/NDF : 4.5/4

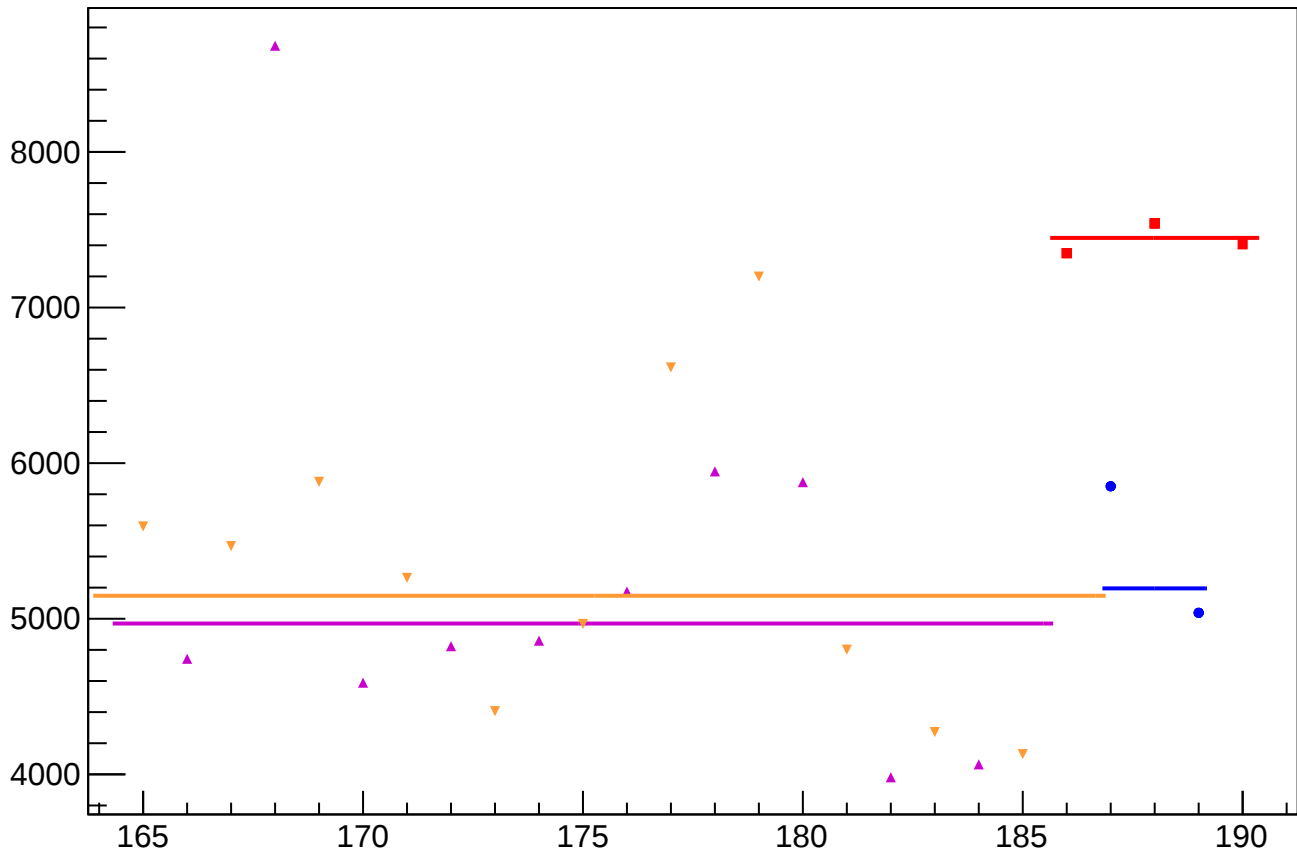
Left In: 2488.328+/-1891.172 χ^2/NDF : 1.8/9

+ sign 735.188+/-1745.443 χ^2/NDF : 12.2/14

All: 2457.663+/-1245.870 χ^2/NDF : 28.0/29

- sign 4246.772+/-1778.884 χ^2/NDF : 13.8/14

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5195.126 $\pm$ 3.306 χ^2 /NDF: 9416.3/3

Left Out: 5147.767 $\pm$ 1.330 χ^2 /NDF:376501.7/10

Right Out: 7447.598 $\pm$ 3.706 χ^2 /NDF: 586.7/4

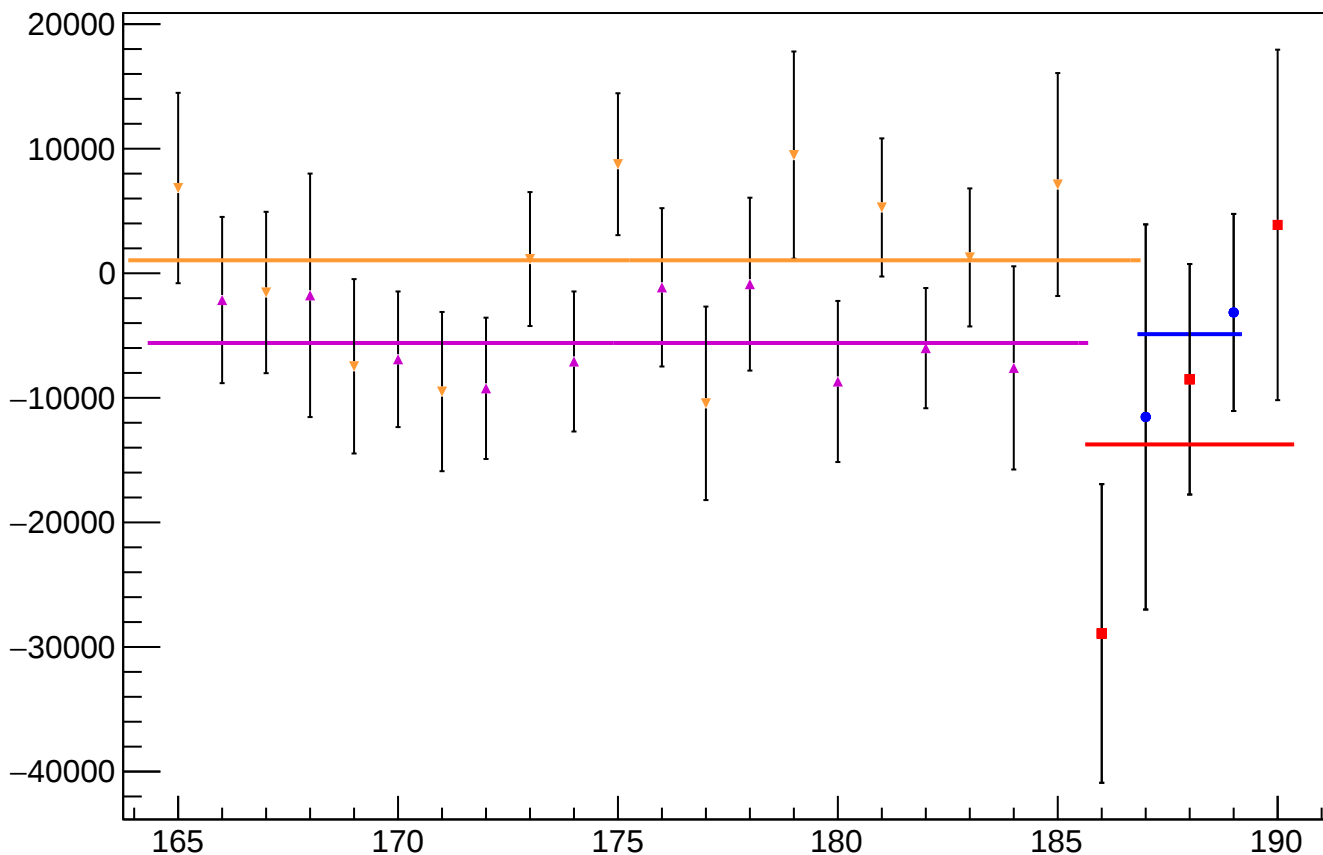
Left In: 4969.306 $\pm$ 1.337 χ^2 /NDF:526034.9/9

+ sign 5154.370 $\pm$ 1.234 χ^2 /NDF: 386094.6/14

All: 5203.664 $\pm$ 0.881 χ^2 /NDF: 1311714.7/29

- sign 5254.866 $\pm$ 1.258 χ^2 /NDF: 922367.9/14

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -4887.703 ± 4979.313 $\chi^2/\text{NDF}: 0.5/3$

Left Out: 1043.168 ± 1961.522 $\chi^2/\text{NDF}: 11.0/10$

Right Out: -13738.655 ± 4860.071 $\chi^2/\text{NDF}: 5.4/4$

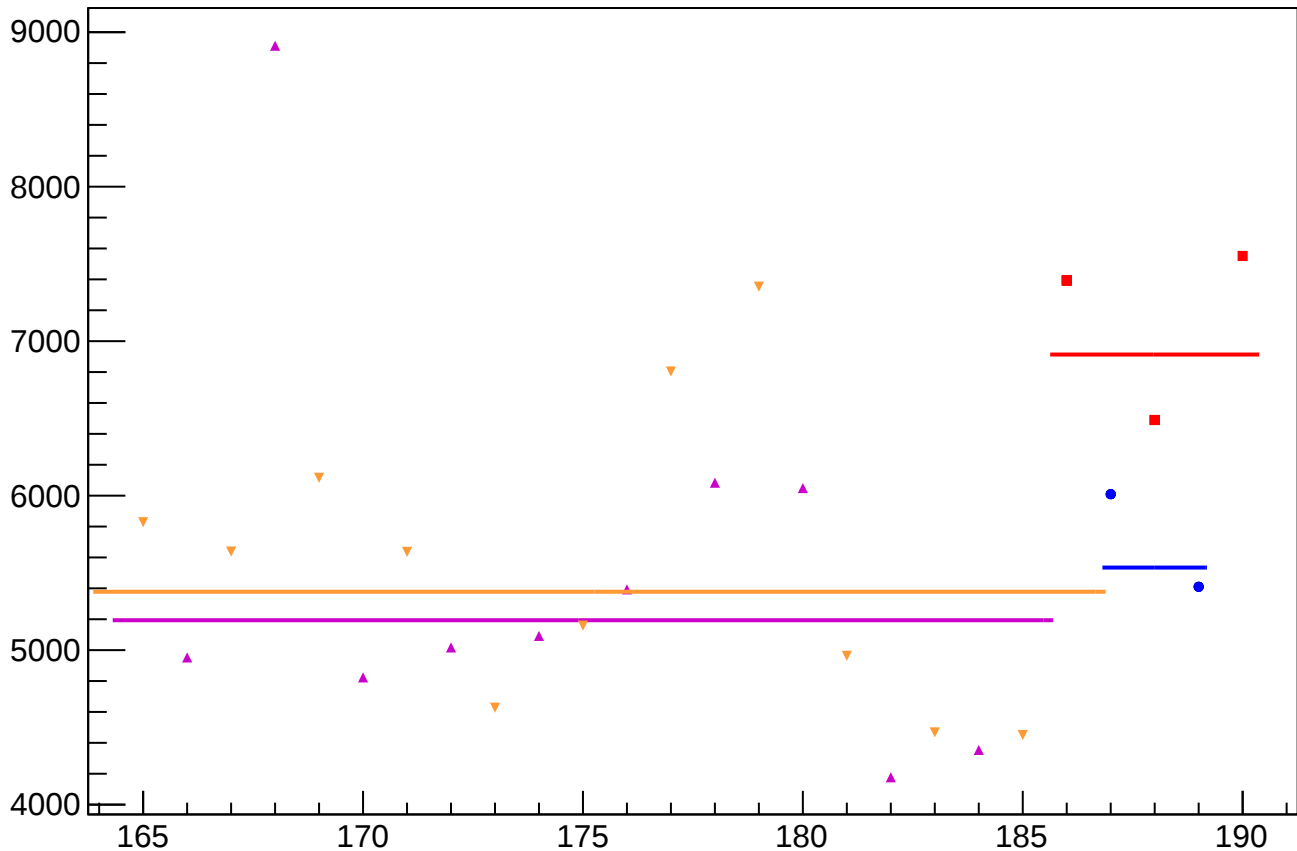
Left In: -5595.358 ± 1973.358 $\chi^2/\text{NDF}: 2.2/9$

+ sign 246.432 ± 1825.020 $\chi^2/\text{NDF}: 12.7/14$

All: -3244.280 ± 1291.673 $\chi^2/\text{NDF}: 30.1/29$

- sign -6747.887 ± 1828.388 $\chi^2/\text{NDF}: 10.0/14$

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 5534.544+/-3.521 χ^2/NDF : 4762.7/3

Left Out: 5378.072+/-1.387 χ^2/NDF : 344356.5/10

Right Out: 6913.477+/-3.437 χ^2/NDF : 18910.8/4

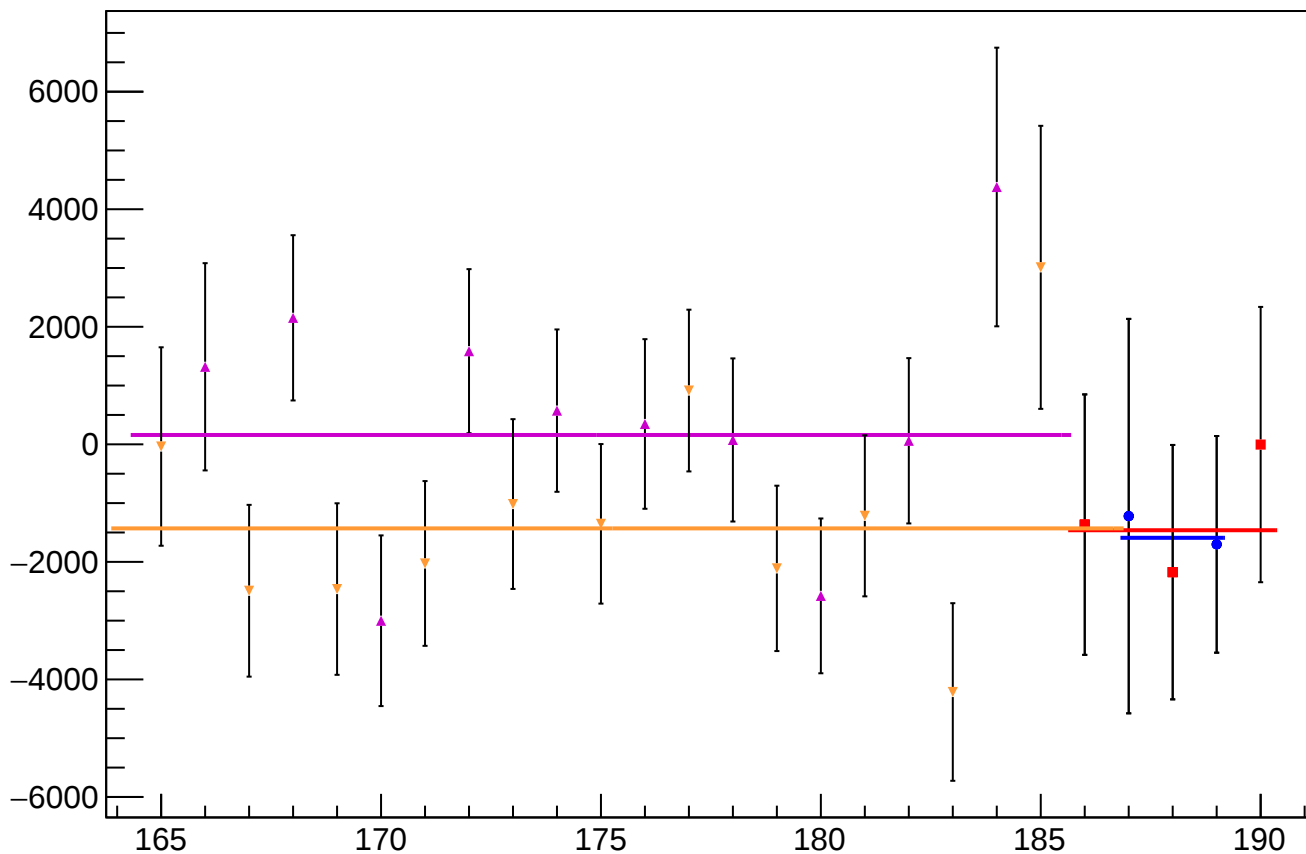
Left In: 5193.584+/-1.395 χ^2/NDF : 483833.9/9

+ sign 5399.092+/-1.290 χ^2/NDF : 350828.9/14

All: 5418.012+/-0.913 χ^2/NDF : 1069020.8/29

- sign 5437.002+/-1.293 χ^2/NDF : 717761.3/14

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1590.431 $\pm$ 1142.432 χ^2 /NDF: 0.0/3

Left Out: -1430.286 $\pm$ 447.388 χ^2 /NDF:11.9/10

Right Out: -1461.684 $\pm$ 991.780 χ^2 /NDF: 0.6/4

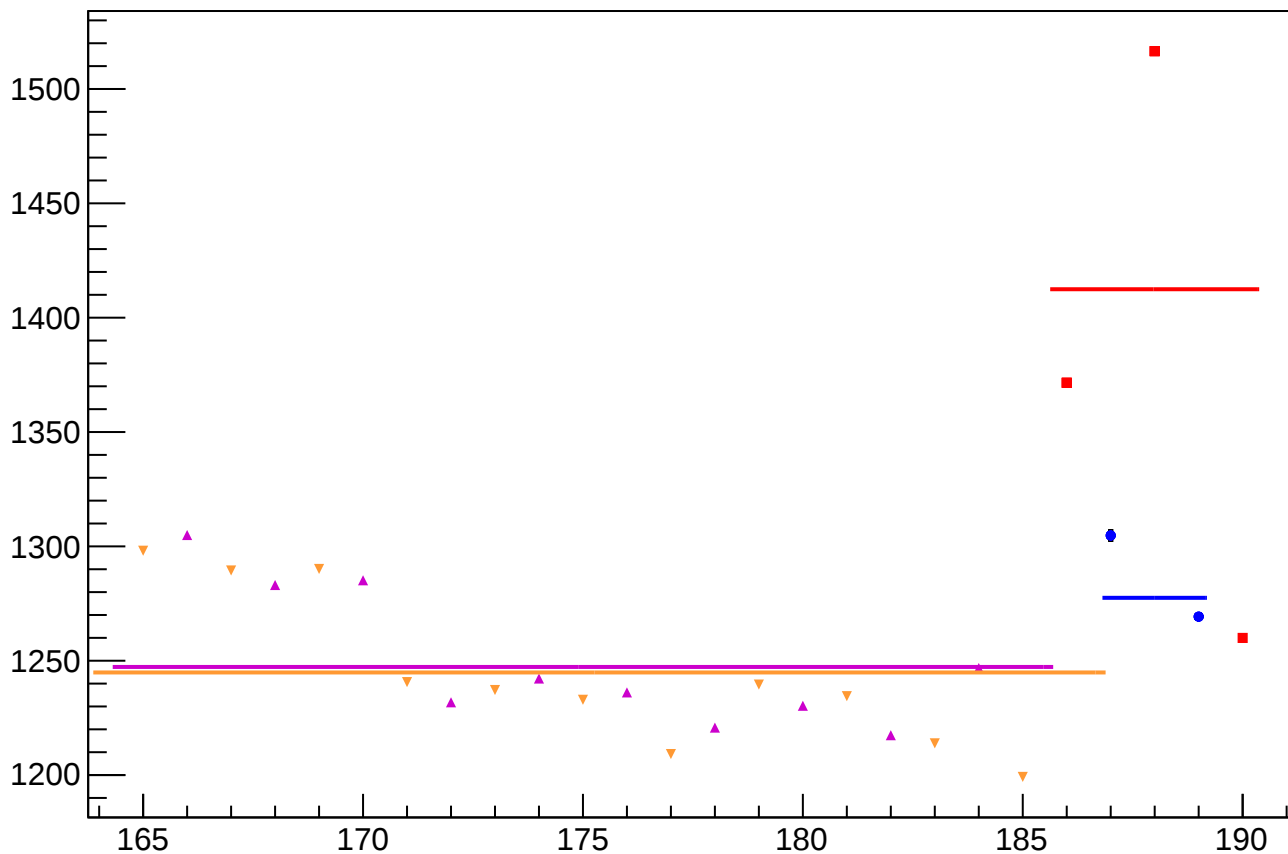
Left In: 159.096 $\pm$ 466.302 χ^2 /NDF:15.8/9

+ sign -1451.580 $\pm$ 416.584 χ^2 /NDF: 12.0/14

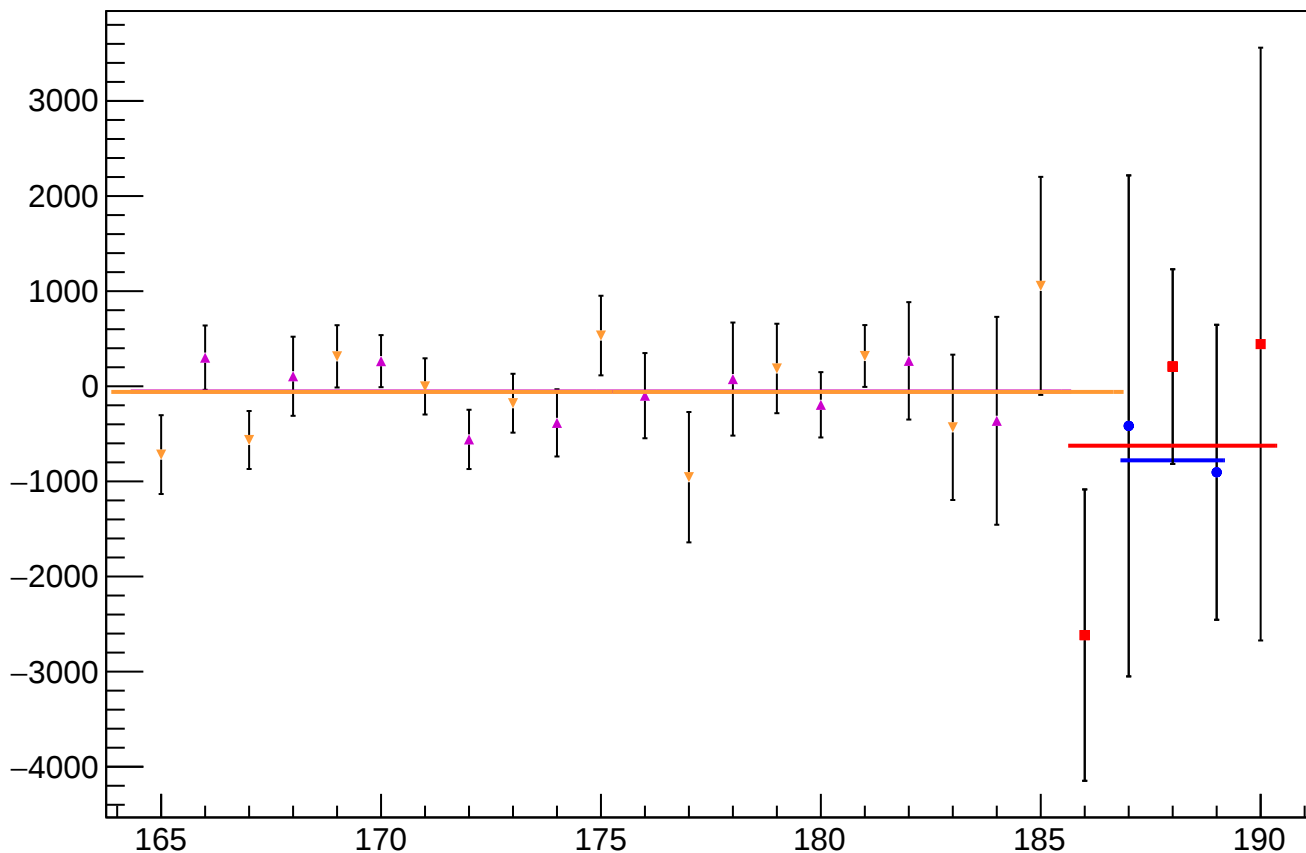
All: -801.441 $\pm$ 296.461 χ^2 /NDF: 35.5/29

- sign -134.326 $\pm$ 421.988 χ^2 /NDF: 18.6/14

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -778.636 $\pm$ 944.877 χ^2 /NDF: 0.1/3

Left Out: -59.171 $\pm$ 117.770 χ^2 /NDF:13.3/10

Right Out: -624.709 $\pm$ 590.857 χ^2 /NDF: 4.8/4

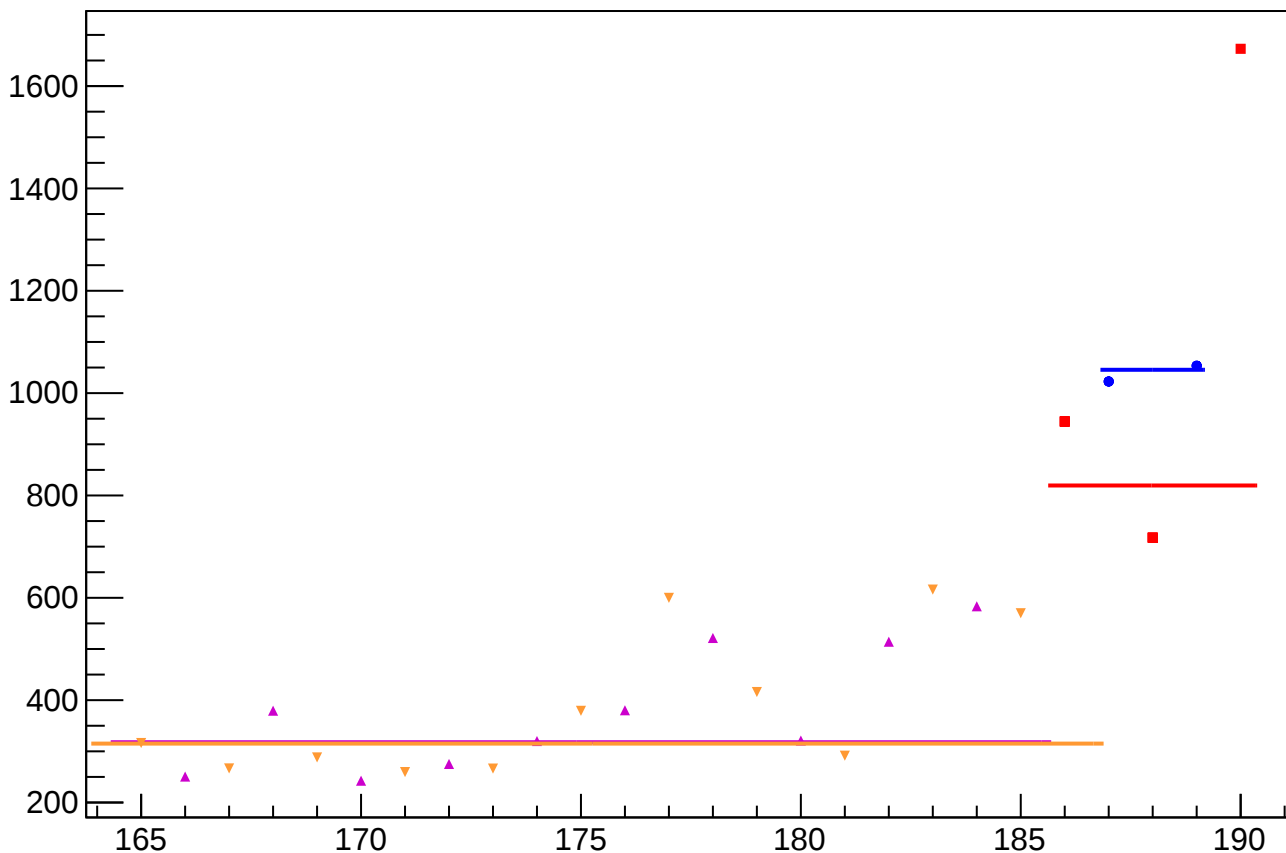
Left In: -54.483 $\pm$ 123.162 χ^2 /NDF:6.7/9

+ sign -70.177 $\pm$ 116.866 χ^2 /NDF: 13.9/14

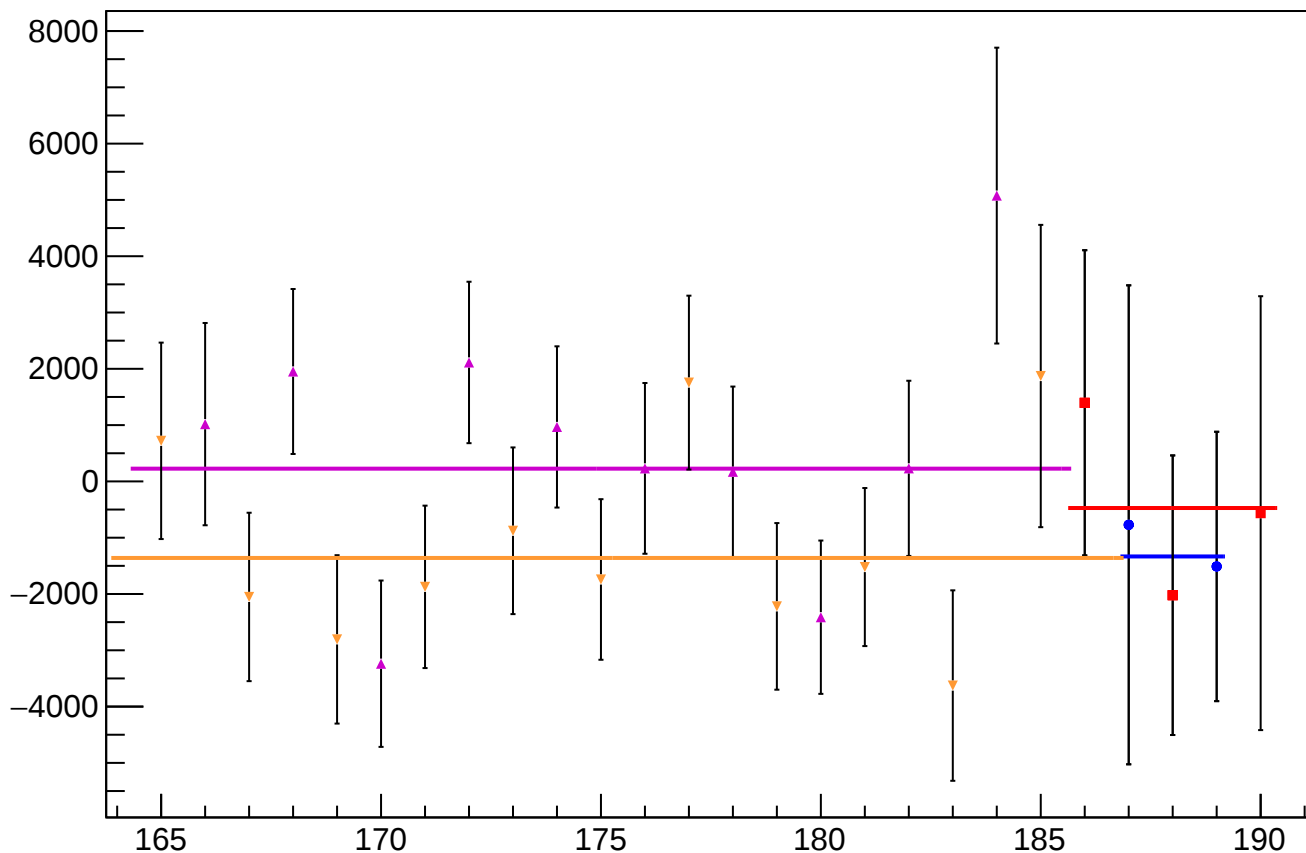
All: -74.077 $\pm$ 83.916 χ^2 /NDF: 26.3/29

- sign -78.227 $\pm$ 120.570 χ^2 /NDF: 12.4/14

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1333.108 ± 1474.530 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -1359.761 ± 470.227 $\chi^2/\text{NDF}: 10.5/10$

Right Out: -472.716 ± 1227.343 $\chi^2/\text{NDF}: 1.7/4$

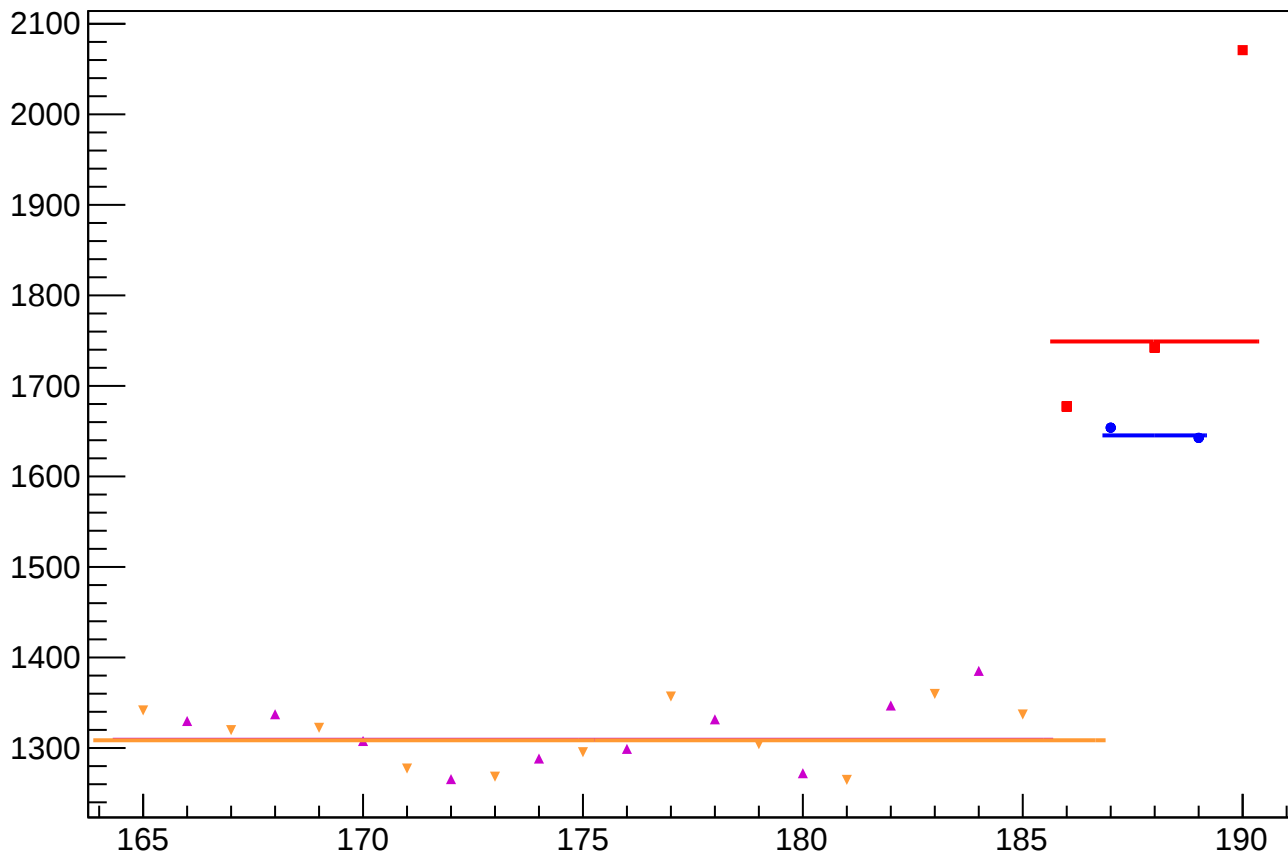
Left In: 226.415 ± 489.327 $\chi^2/\text{NDF}: 16.2/9$

+ sign -1357.300 ± 447.998 $\chi^2/\text{NDF}: 10.6/14$

All: -624.160 ± 319.068 $\chi^2/\text{NDF}: 34.3/29$

- sign 130.528 ± 454.534 $\chi^2/\text{NDF}: 18.3/14$

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1645.331 $\pm$ 1.043 χ^2/NDF : 21.3/3

Left Out: 1308.545 $\pm$ 0.333 χ^2/NDF :9555.8/10

Right Out: 1749.093 $\pm$ 0.868 χ^2/NDF : 16782.2/4

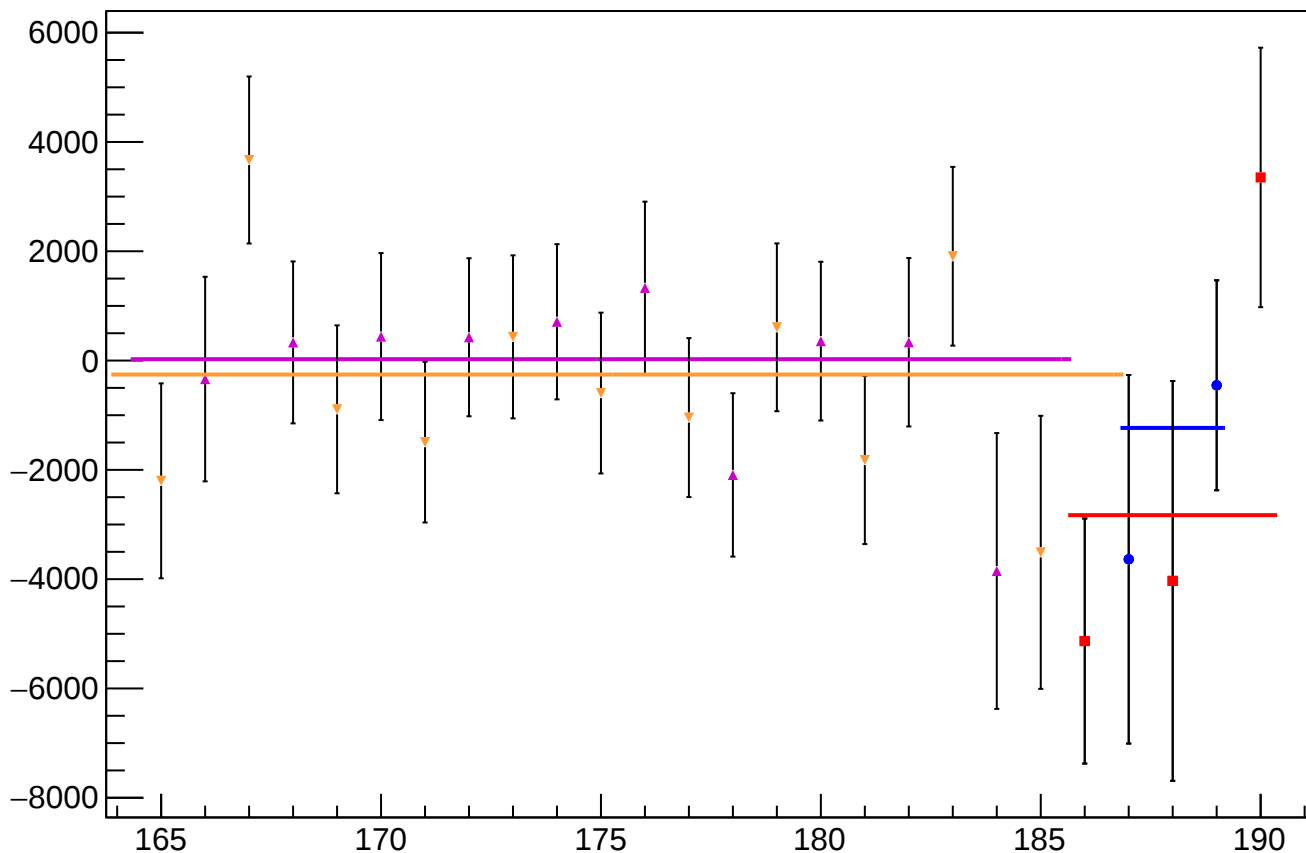
Left In: 1309.092 $\pm$ 0.346 χ^2/NDF :8132.1/9

+ sign 1339.633 $\pm$ 0.317 χ^2/NDF : 104281.5/14

All: 1354.320 $\pm$ 0.226 χ^2/NDF : 355346.8/29

- sign 1369.439 $\pm$ 0.321 χ^2/NDF : 246703.0/14

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1232.561 $\pm$ 1180.162 χ^2 /NDF: 1.3/3

Left Out: -255.489 $\pm$ 477.027 χ^2 /NDF:14.0/10

Right Out: -2828.846 $\pm$ 1174.581 χ^2 /NDF: 9.1/4

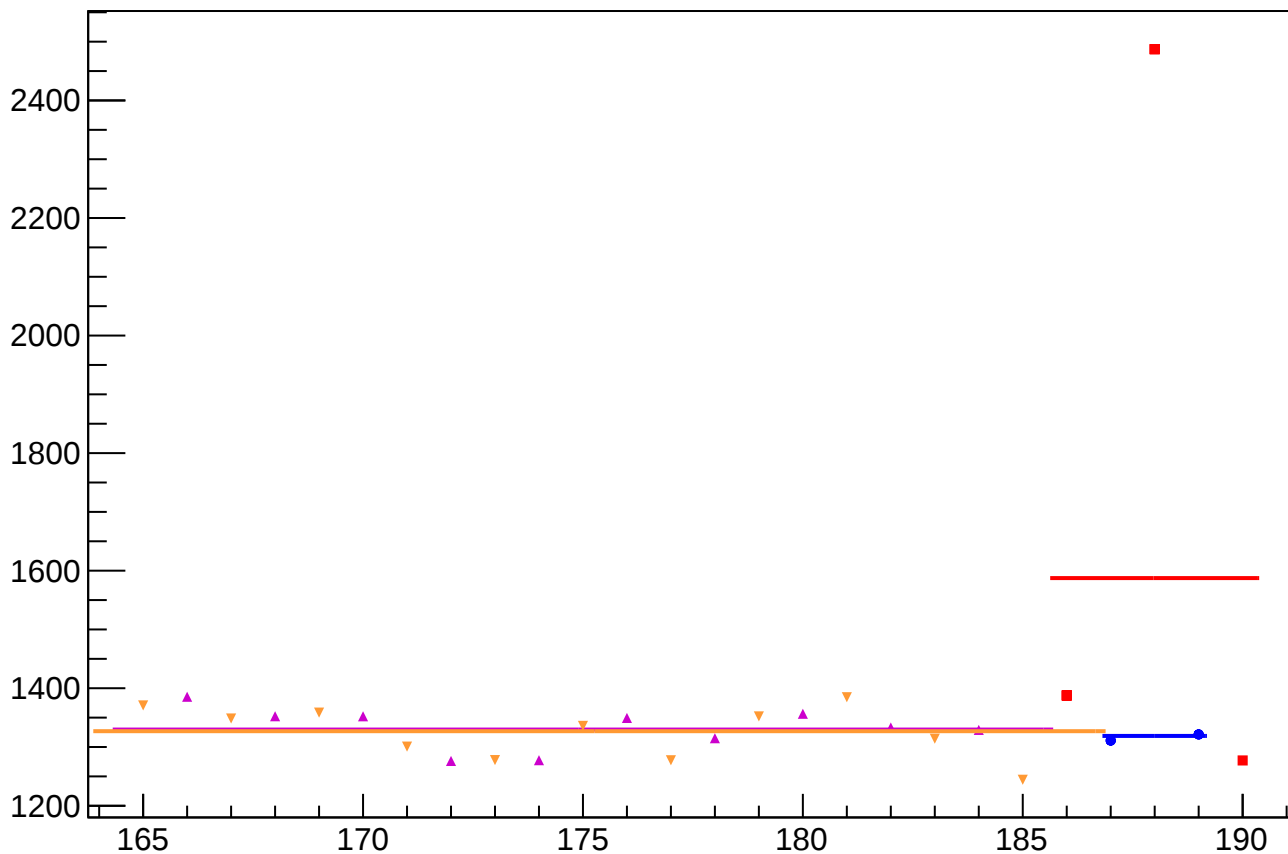
Left In: 25.216 $\pm$ 497.184 χ^2 /NDF:5.6/9

+ sign -392.706 $\pm$ 442.265 χ^2 /NDF: 16.0/14

All: -400.305 $\pm$ 318.098 χ^2 /NDF: 35.7/29

- sign -408.450 $\pm$ 457.856 χ^2 /NDF: 19.7/14

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1318.857 $\pm$ 0.835 χ^2 /NDF: 28.6/3

Left Out: 1326.915 $\pm$ 0.337 χ^2 /NDF:13322.8/10

Right Out: 1587.392 $\pm$ 0.831 χ^2 /NDF: 307949.6/4

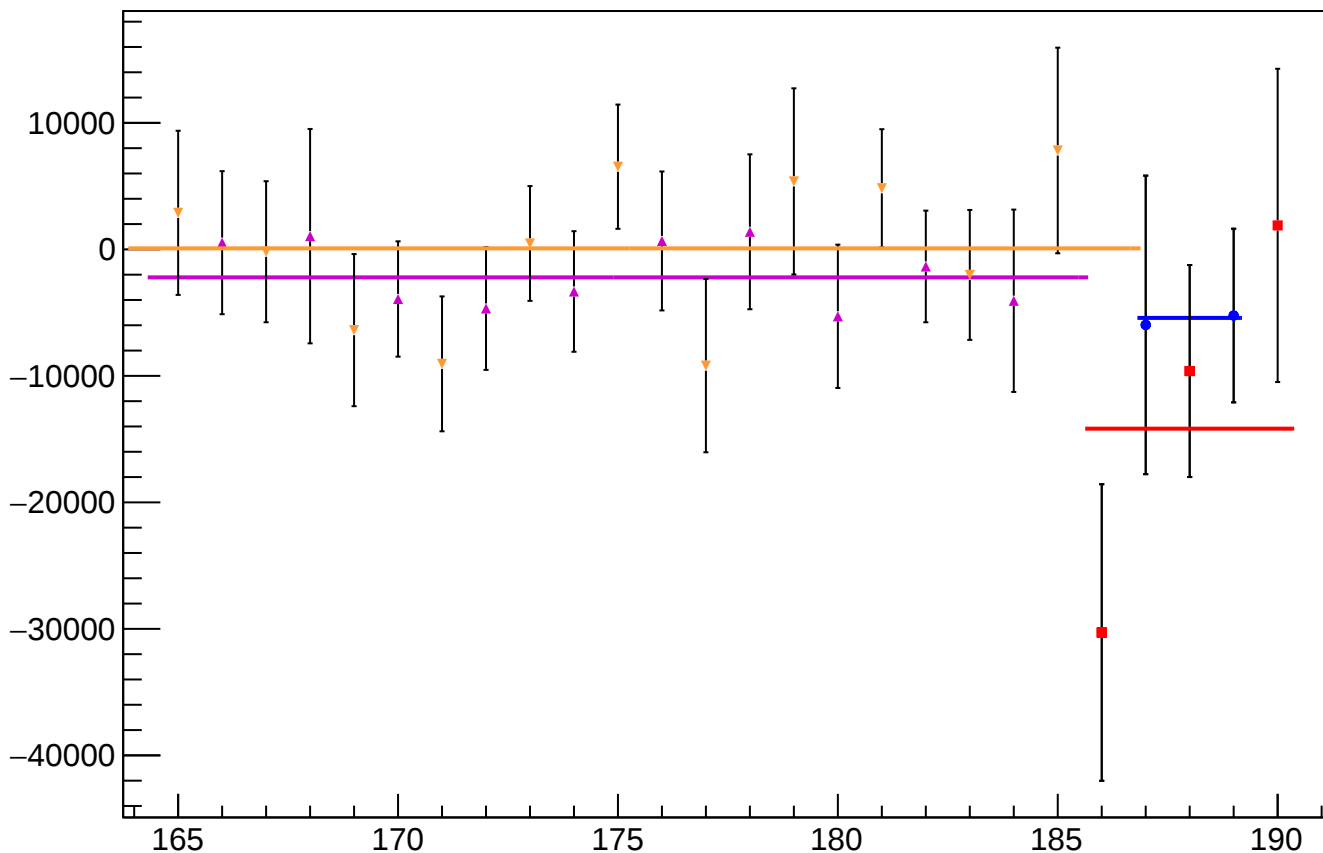
Left In: 1329.701 $\pm$ 0.352 χ^2 /NDF:9310.5/9

+ sign 1325.784 $\pm$ 0.313 χ^2 /NDF: 13431.5/14

All: 1346.574 $\pm$ 0.225 χ^2 /NDF: 421484.6/29

- sign 1368.856 $\pm$ 0.324 χ^2 /NDF: 398896.5/14

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -5417.677 ± 4195.291 χ^2/NDF : 0.0/3

Left Out: 81.351 ± 1696.277 χ^2/NDF : 10.5/10

Right Out: -14173.266 ± 4492.063 χ^2/NDF : 6.1/4

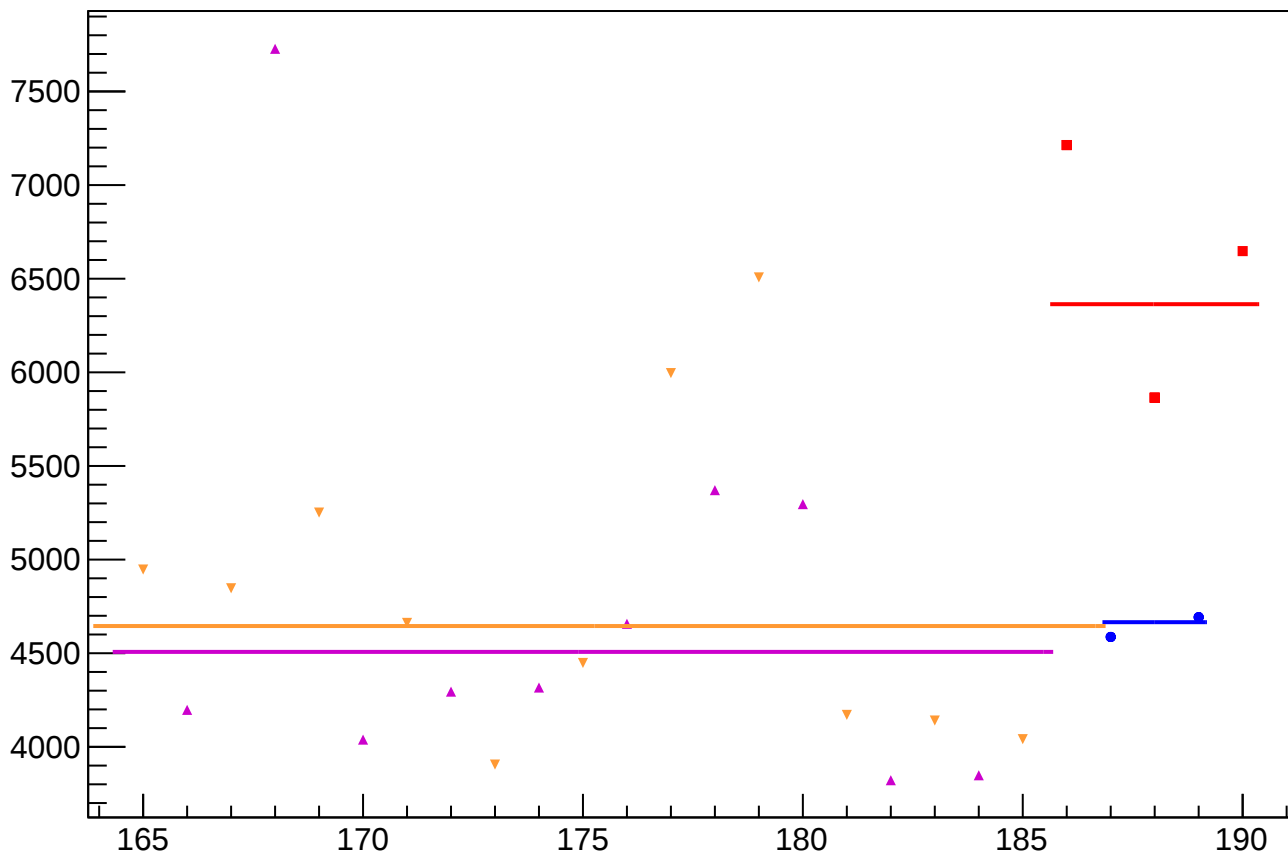
Left In: -2213.379 ± 1711.583 χ^2/NDF : 1.9/9

+ sign -691.322 ± 1572.596 χ^2/NDF : 12.0/14

All: -2184.766 ± 1121.355 χ^2/NDF : 27.9/29

- sign -3729.585 ± 1599.415 χ^2/NDF : 14.1/14

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4665.780 $\pm$ 2.967 χ^2/NDF : 238.5/3

Left Out: 4645.217 $\pm$ 1.199 χ^2/NDF : 340487.6/10

Right Out: 6363.932 $\pm$ 3.176 χ^2/NDF : 36266.0/4

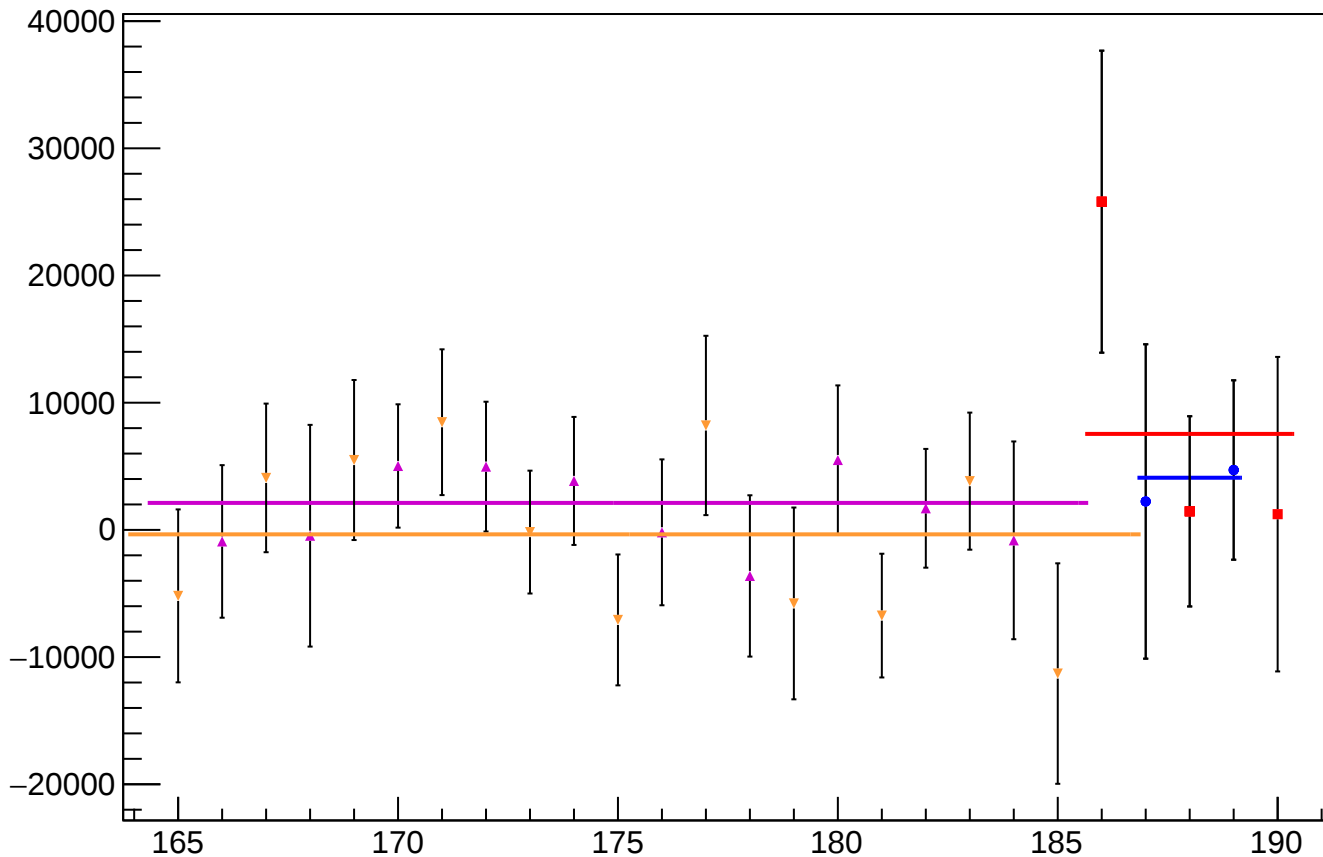
Left In: 4507.143 $\pm$ 1.210 χ^2/NDF : 468069.9/9

+ sign 4648.107 $\pm$ 1.112 χ^2/NDF : 340767.4/14

All: 4694.523 $\pm$ 0.793 χ^2/NDF : 1147042.2/29

- sign 4742.536 $\pm$ 1.131 χ^2/NDF : 802730.1/14

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: 4101.161+/-4331.060 χ^2/NDF : 0.1/3

Left Out: -350.007+/-1781.672 χ^2/NDF : 11.9/10

Right Out: 7546.582+/-4207.113 χ^2/NDF : 6.3/4

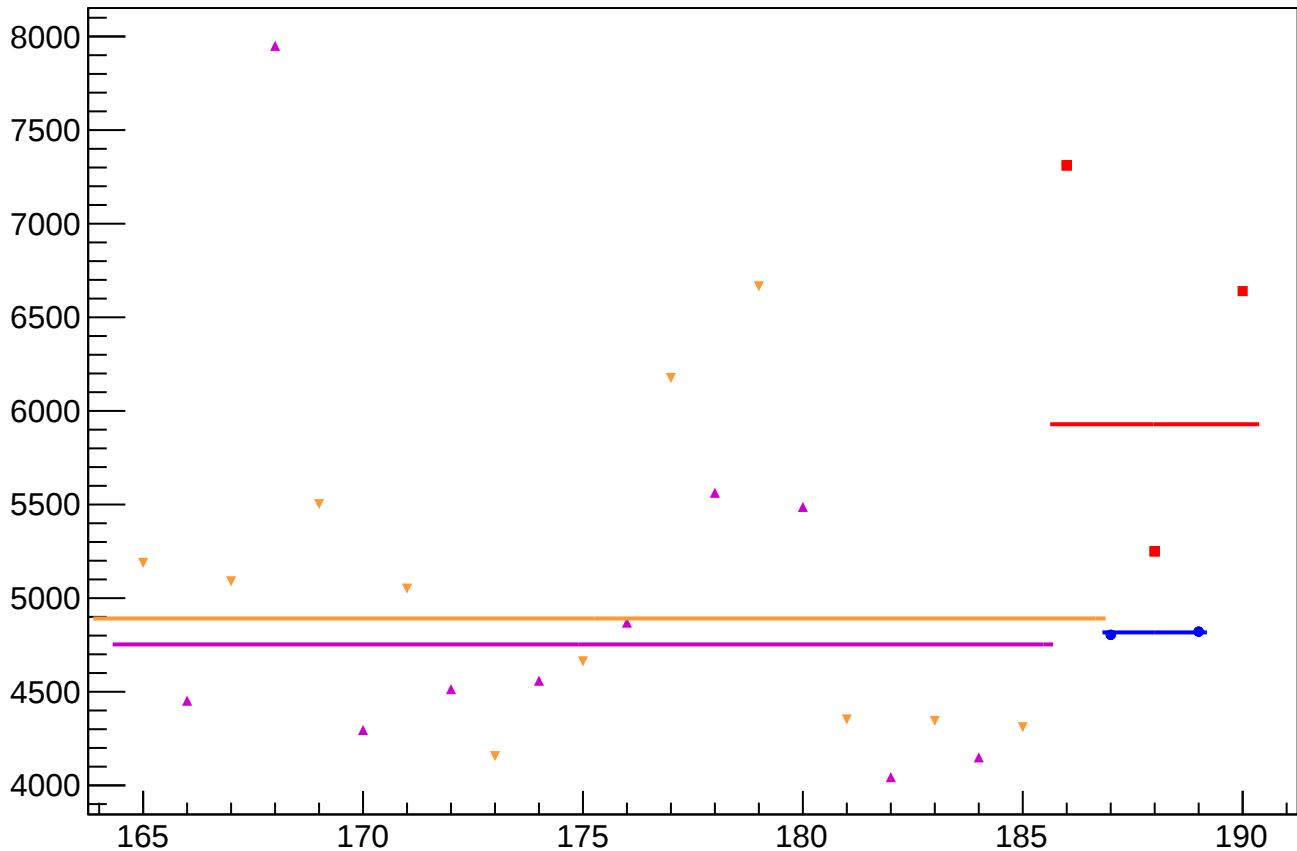
Left In: 2121.641+/-1801.479 χ^2/NDF : 2.6/9

+ sign 294.225+/-1647.701 χ^2/NDF : 12.9/14

All: 1621.478+/-1168.039 χ^2/NDF : 24.5/29

- sign 2962.204+/-1656.044 χ^2/NDF : 10.3/14

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4817.122+/-3.063 χ^2/NDF : 5.7/3

Left Out: 4891.564+/-1.260 χ^2/NDF : 308148.0/10

+ sign 4880.790+/-1.165 χ^2/NDF : 308659.1/14

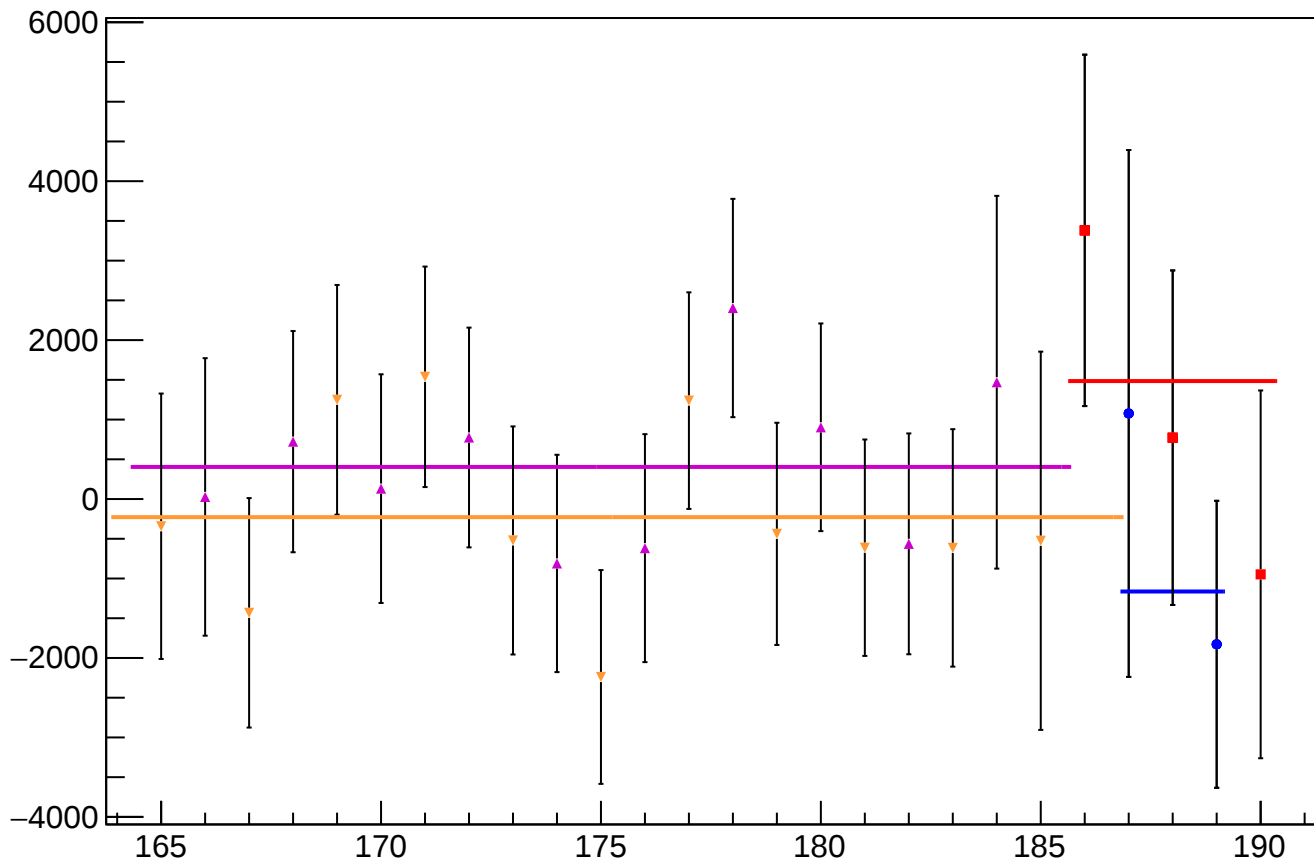
Right Out: 5928.863+/-2.975 χ^2/NDF : 93833.0/4

All: 4907.780+/-0.826 χ^2/NDF : 957832.5/29

- sign 4935.045+/-1.171 χ^2/NDF : 648094.6/14

Left In: 4752.825+/-1.274 χ^2/NDF : 422196.0/9

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -1163.528 ± 1121.287 $\chi^2/\text{NDF}: 1.2/3$

Left Out: -227.740 ± 443.311 $\chi^2/\text{NDF}: 7.0/10$

Right Out: 1484.560 ± 977.169 $\chi^2/\text{NDF}: 2.8/4$

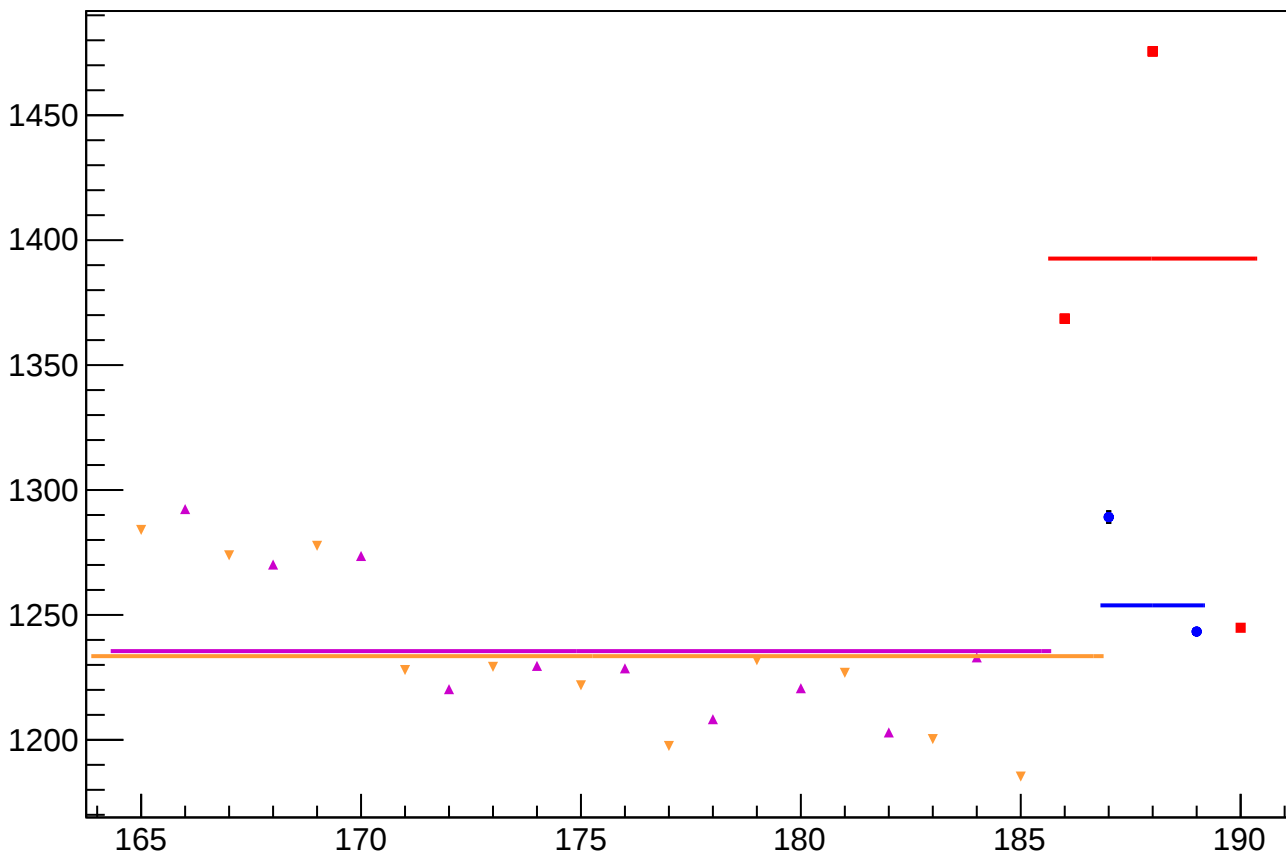
Left In: 404.144 ± 461.935 $\chi^2/\text{NDF}: 4.5/9$

+ sign -354.239 ± 412.260 $\chi^2/\text{NDF}: 8.8/14$

All: 117.448 ± 293.390 $\chi^2/\text{NDF}: 19.7/29$

- sign 601.486 ± 417.623 $\chi^2/\text{NDF}: 8.3/14$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1253.828 $\pm$ 0.793 χ^2/NDF : 589.1/3

Left Out: 1233.502 $\pm$ 0.313 χ^2/NDF : 8710.3/10

Right Out: 1392.630 $\pm$ 0.691 χ^2/NDF : 14835.8/4

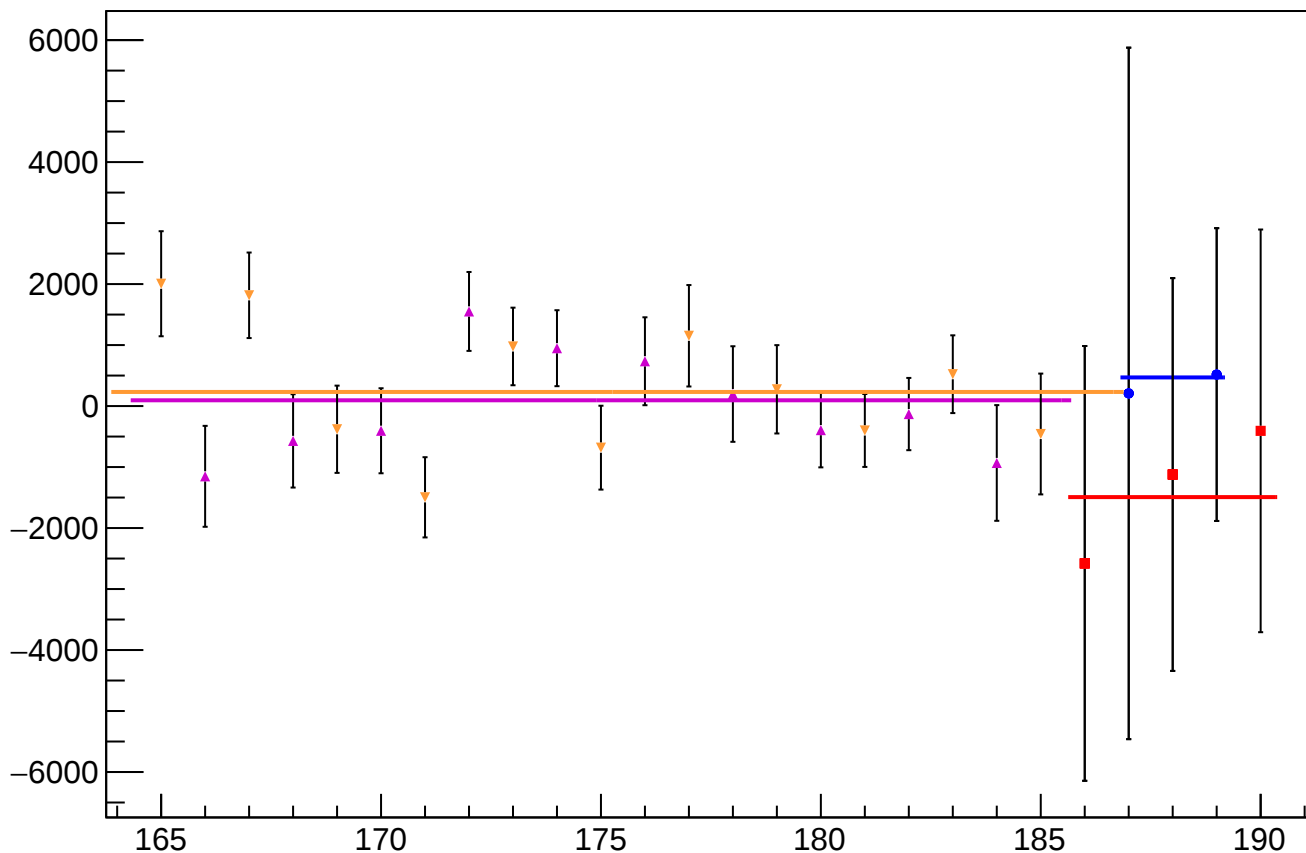
Left In: 1235.522 $\pm$ 0.327 χ^2/NDF : 7230.1/9

+ sign 1236.250 $\pm$ 0.292 χ^2/NDF : 9867.7/14

All: 1250.053 $\pm$ 0.207 χ^2/NDF : 78733.0/29

- sign 1264.219 $\pm$ 0.295 χ^2/NDF : 64322.2/14

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 469.433 $\pm$ 1562.966 χ^2/NDF : 0.0/3

Left Out: 231.297 $\pm$ 213.835 χ^2/NDF : 23.2/10

Right Out: -1492.740 $\pm$ 1504.023 χ^2/NDF : 0.3/4

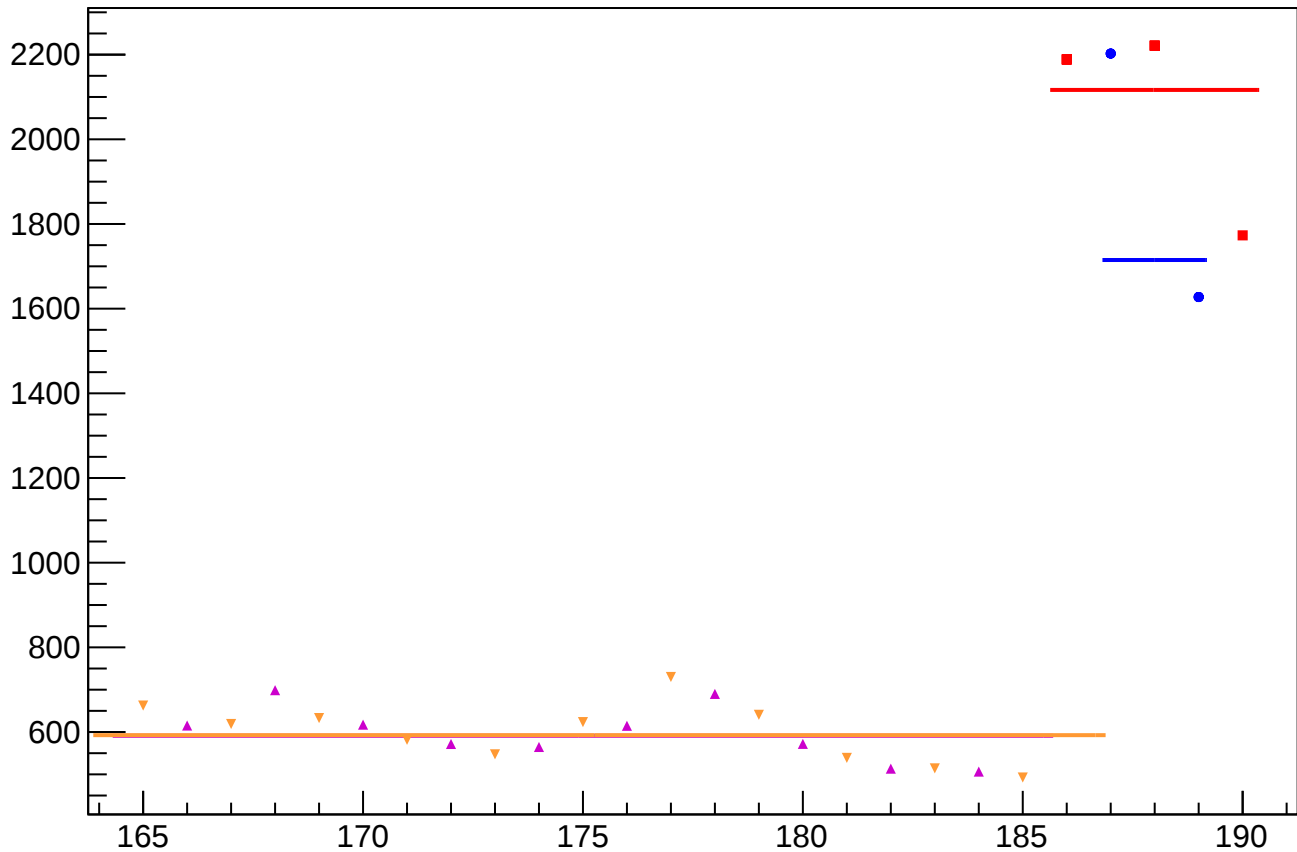
Left In: 94.538 $\pm$ 221.430 χ^2/NDF : 13.3/9

+ sign 235.673 $\pm$ 211.862 χ^2/NDF : 23.2/14

All: 151.191 $\pm$ 152.293 χ^2/NDF : 38.2/29

- sign 60.864 $\pm$ 219.068 χ^2/NDF : 14.7/14

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1714.916 $\pm$ 1.105 χ^2 /NDF: 34914.7/3

Left Out: 592.587 $\pm$ 0.151 χ^2 /NDF:167353.9/10

Right Out: 2116.651 $\pm$ 1.064 χ^2 /NDF: 27512.4/4

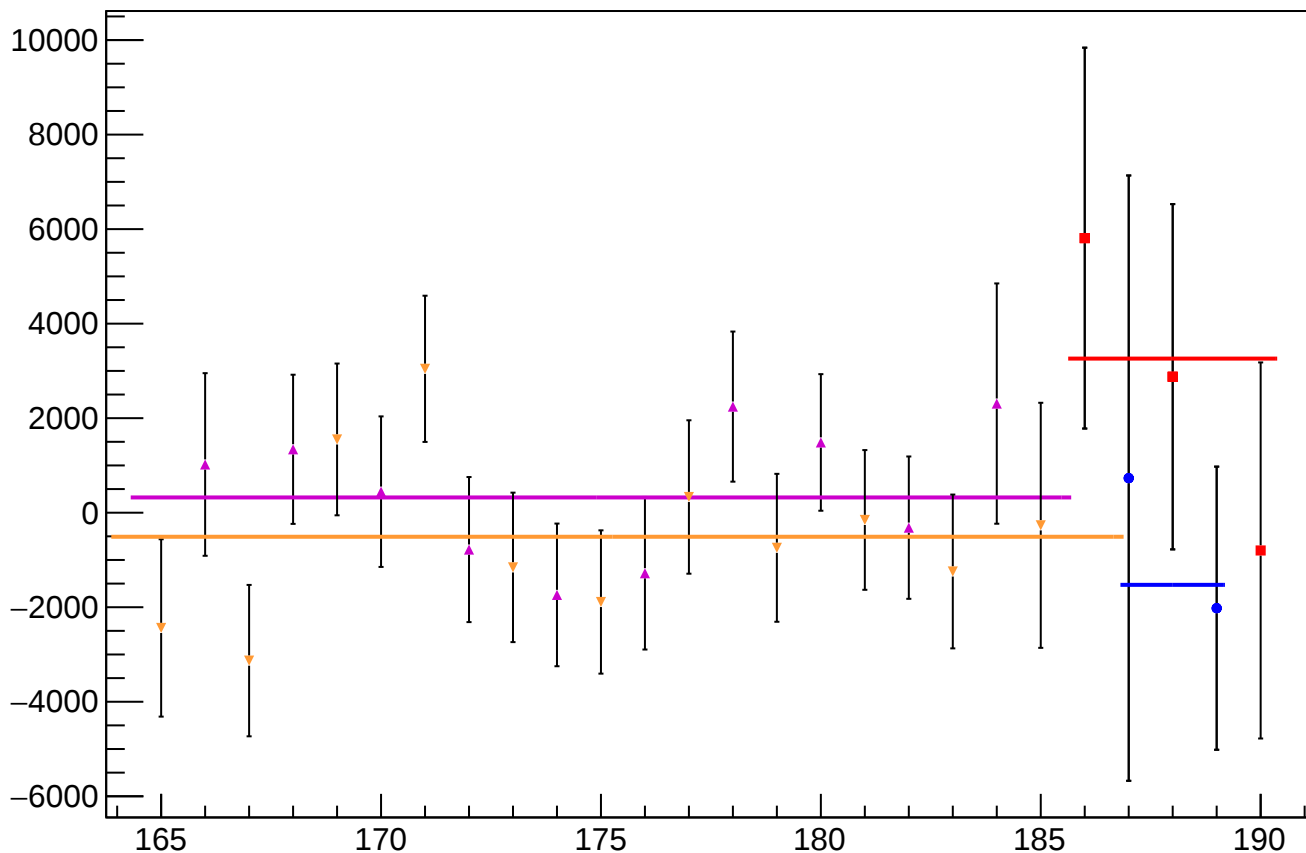
Left In: 591.110 $\pm$ 0.157 χ^2 /NDF:135863.9/9

+ sign 613.209 $\pm$ 0.150 χ^2 /NDF: 1214587.4/14

All: 618.170 $\pm$ 0.108 χ^2 /NDF: 3394218.6/29

- sign 623.475 $\pm$ 0.155 χ^2 /NDF: 2177361.8/14

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -1526.496+/-1918.469 χ^2/NDF : 0.3/3

Left Out: -508.993+/-494.659 χ^2/NDF : 12.2/10

Right Out: 3260.667+/-1724.475 χ^2/NDF : 1.9/4

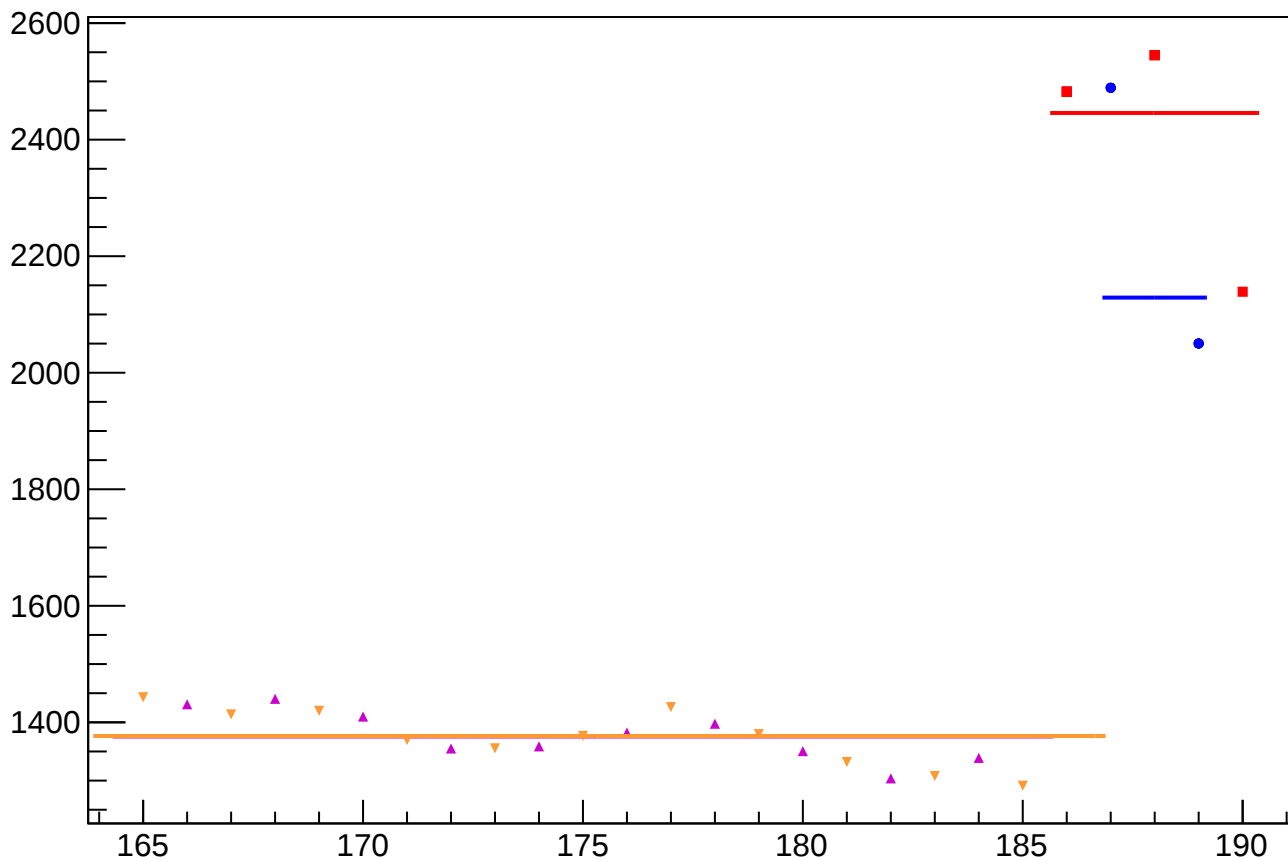
Left In: 322.756+/-514.182 χ^2/NDF : 6.8/9

+ sign -572.421+/-478.993 χ^2/NDF : 12.8/14

All: -20.959+/-343.458 χ^2/NDF : 26.9/29

- sign 562.622+/-492.745 χ^2/NDF : 11.4/14

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 2128.948 $\pm$ 1.357 χ^2/NDF : 15416.8/3

Left Out: 1376.519 $\pm$ 0.350 χ^2/NDF : 14865.5/10

Right Out: 2445.793 $\pm$ 1.219 χ^2/NDF : 15171.5/4

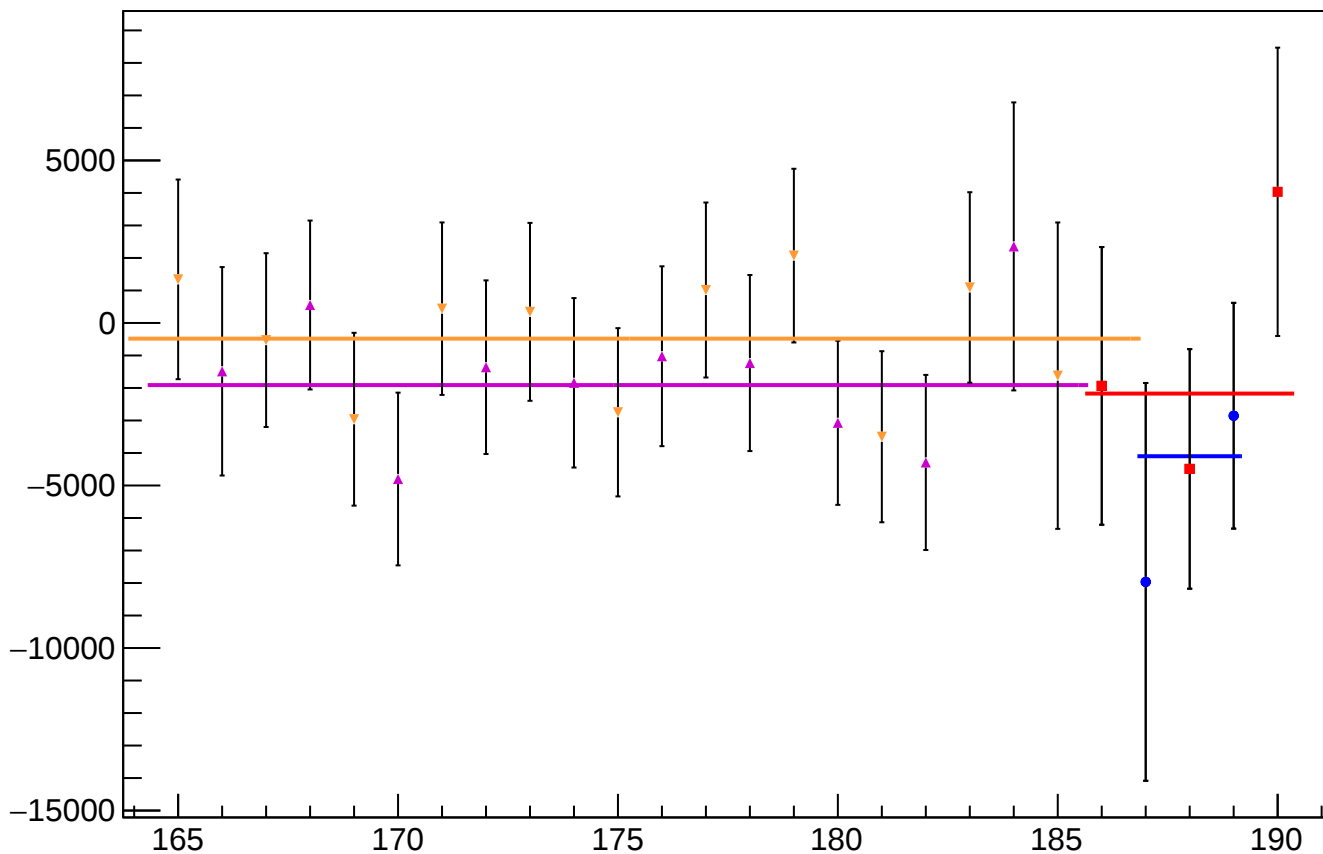
Left In: 1375.712 $\pm$ 0.364 χ^2/NDF : 12529.2/9

+ sign 1423.423 $\pm$ 0.339 χ^2/NDF : 318750.3/14

All: 1442.690 $\pm$ 0.243 χ^2/NDF : 1060340.4/29

- sign 1463.079 $\pm$ 0.348 χ^2/NDF : 734930.0/14

dit_asym_atl1_mean vs Slug



Right In: -4099.365 ± 2135.597 $\chi^2/\text{NDF}: 1.1/3$

Left Out: -482.296 ± 846.253 $\chi^2/\text{NDF}: 5.1/10$

Right Out: -2172.127 ± 1802.815 $\chi^2/\text{NDF}: 2.8/4$

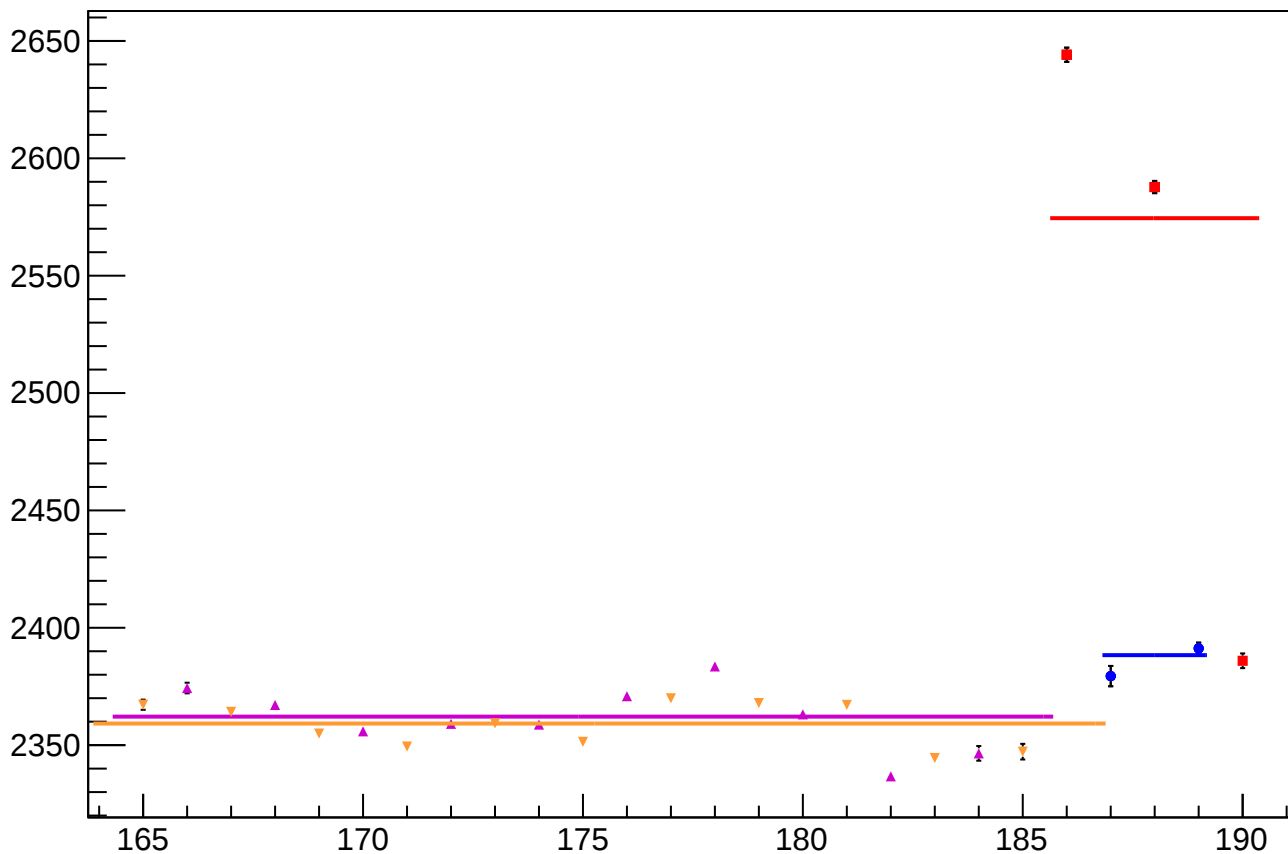
Left In: -1910.978 ± 881.439 $\chi^2/\text{NDF}: 4.2/9$

+ sign -973.178 ± 786.736 $\chi^2/\text{NDF}: 8.6/14$

All: -1464.062 ± 558.109 $\chi^2/\text{NDF}: 16.4/29$

- sign -1961.361 ± 791.860 $\chi^2/\text{NDF}: 7.0/14$

dit_asym_atl1_rms vs Slug



Right In: 2388.337+/-1.510 χ^2/NDF : 11.3/3

Left Out: 2359.203+/-0.598 χ^2/NDF : 205.8/10

Right Out: 2574.499+/-1.275 χ^2/NDF : 4729.0/4

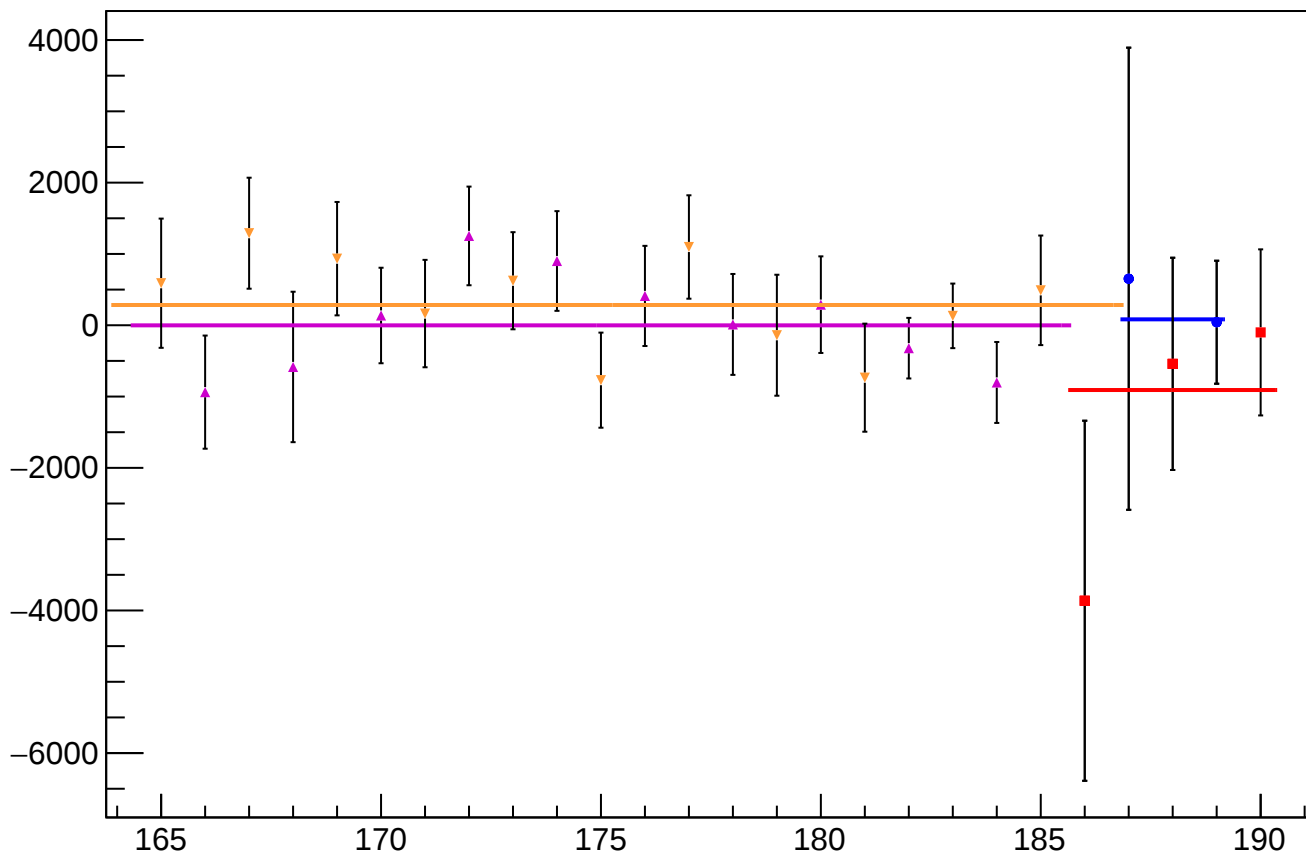
Left In: 2362.148+/-0.623 χ^2/NDF : 401.2/9

+ sign 2363.157+/-0.556 χ^2/NDF : 538.8/14

All: 2383.007+/-0.395 χ^2/NDF : 30626.9/29

- sign 2403.117+/-0.560 χ^2/NDF : 27525.0/14

asym_atl1_correction_mean vs Slug



Right In: 82.701 $\pm$ 589.263 χ^2/NDF : 0.1/3

Left Out: 284.027 $\pm$ 212.117 χ^2/NDF : 8.7/10

Right Out: -908.354 $\pm$ 715.351 χ^2/NDF : 3.3/4

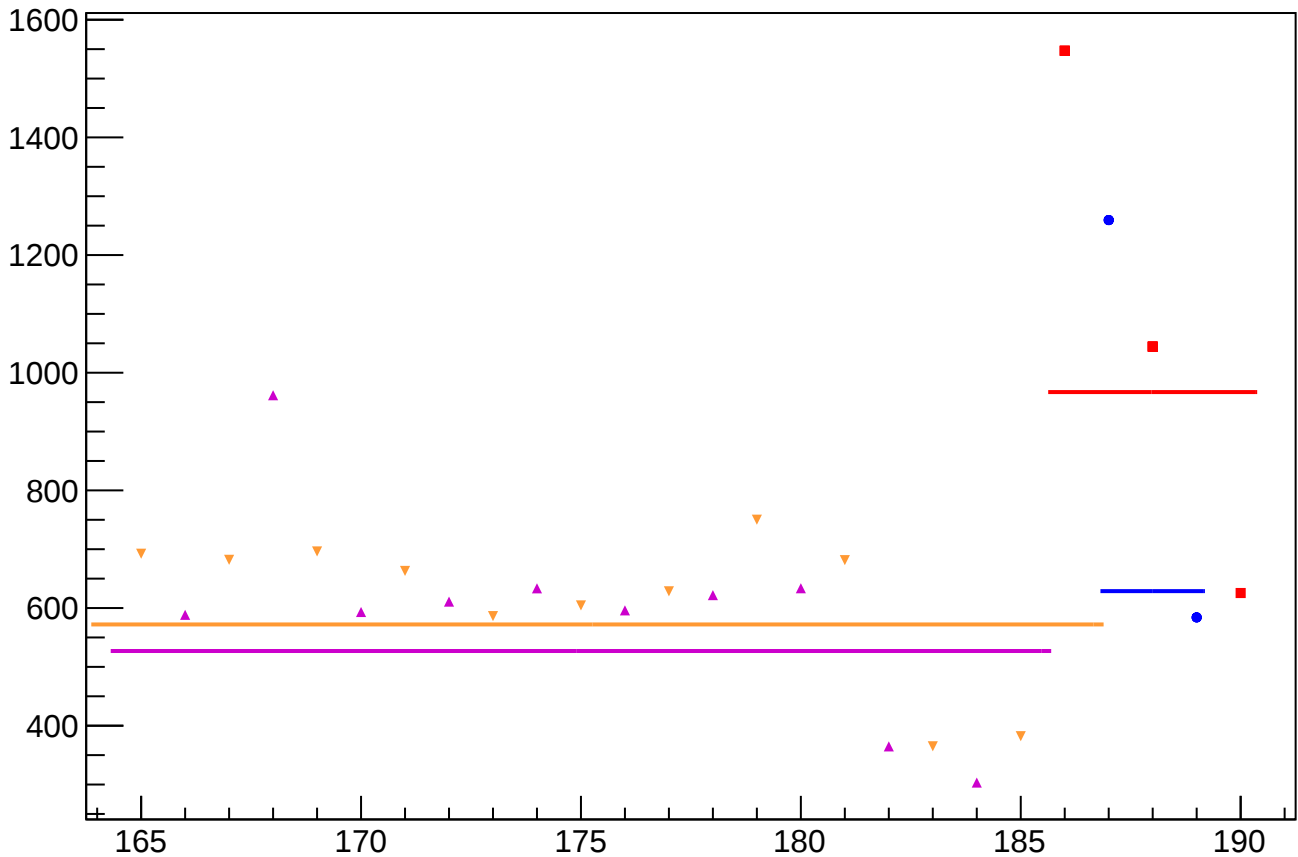
Left In: -1.411 $\pm$ 205.411 χ^2/NDF : 9.8/9

+ sign 260.932 $\pm$ 199.580 χ^2/NDF : 8.9/14

All: 93.426 $\pm$ 140.359 χ^2/NDF : 24.9/29

- sign -70.496 $\pm$ 197.433 χ^2/NDF : 14.6/14

asym_atl1_correction_rms vs Slug



Right In: 628.749 $\pm$ 0.417 χ^2/NDF : 162248.8/3

Left Out: 572.121 $\pm$ 0.150 χ^2/NDF : 841217.7/10

Right Out: 967.106 $\pm$ 0.506 χ^2/NDF : 394087.0/4

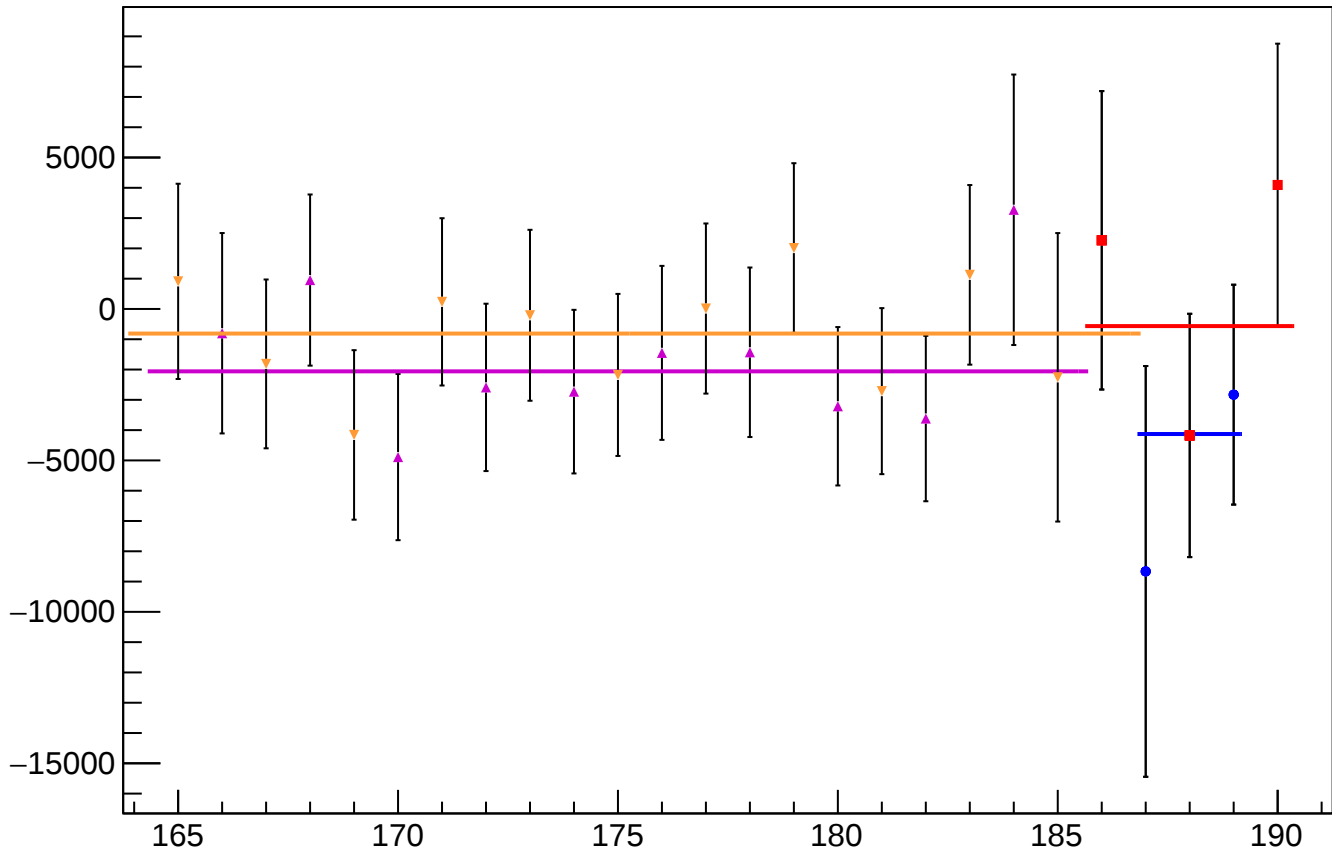
Left In: 526.971 $\pm$ 0.145 χ^2/NDF : 1153910.4/9

+ sign 578.617 $\pm$ 0.141 χ^2/NDF : 1019818.2/14

All: 569.460 $\pm$ 0.099 χ^2/NDF : 3275592.3/29

- sign 560.498 $\pm$ 0.140 χ^2/NDF : 2247442.5/14

asym_atl1_mean vs Slug



Right In: -4128.743 +/- 2262.661 χ^2/NDF : 1.2/3

Left Out: -811.953 +/- 878.939 χ^2/NDF : 4.4/10

Right Out: -565.446 +/- 1990.678 χ^2/NDF : 3.3/4

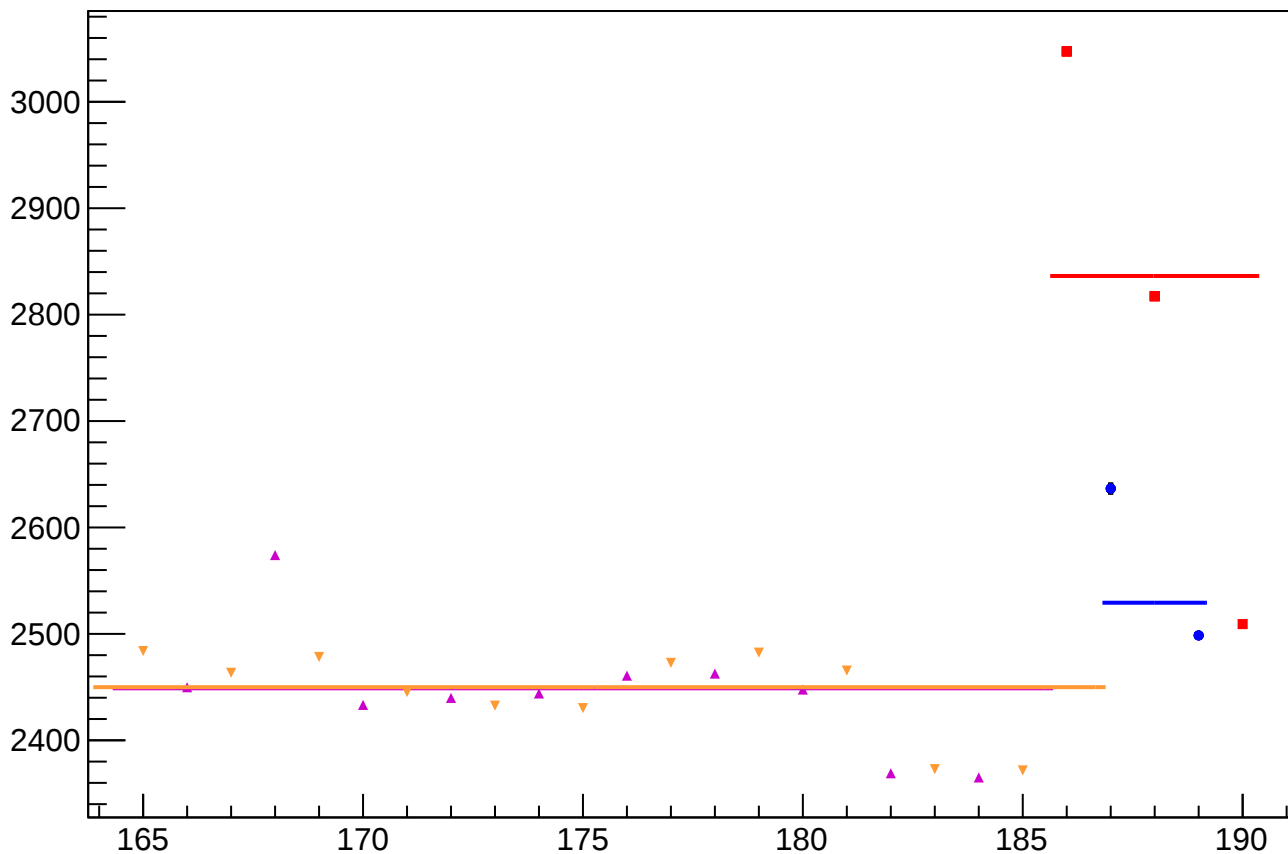
Left In: -2059.612 +/- 913.996 χ^2/NDF : 4.5/9

+ sign -1246.824 +/- 819.296 χ^2/NDF : 7.4/14

All: -1519.352 +/- 583.295 χ^2/NDF : 15.9/29

- sign -1799.470 +/- 830.629 χ^2/NDF : 8.2/14

asym_atl1_rms vs Slug



Right In: 2529.285+/-1.600 χ^2/NDF : 1288.0/3

Left Out: 2449.930+/-0.622 χ^2/NDF : 3019.8/10

Right Out: 2836.340+/-1.408 χ^2/NDF : 17269.5/4

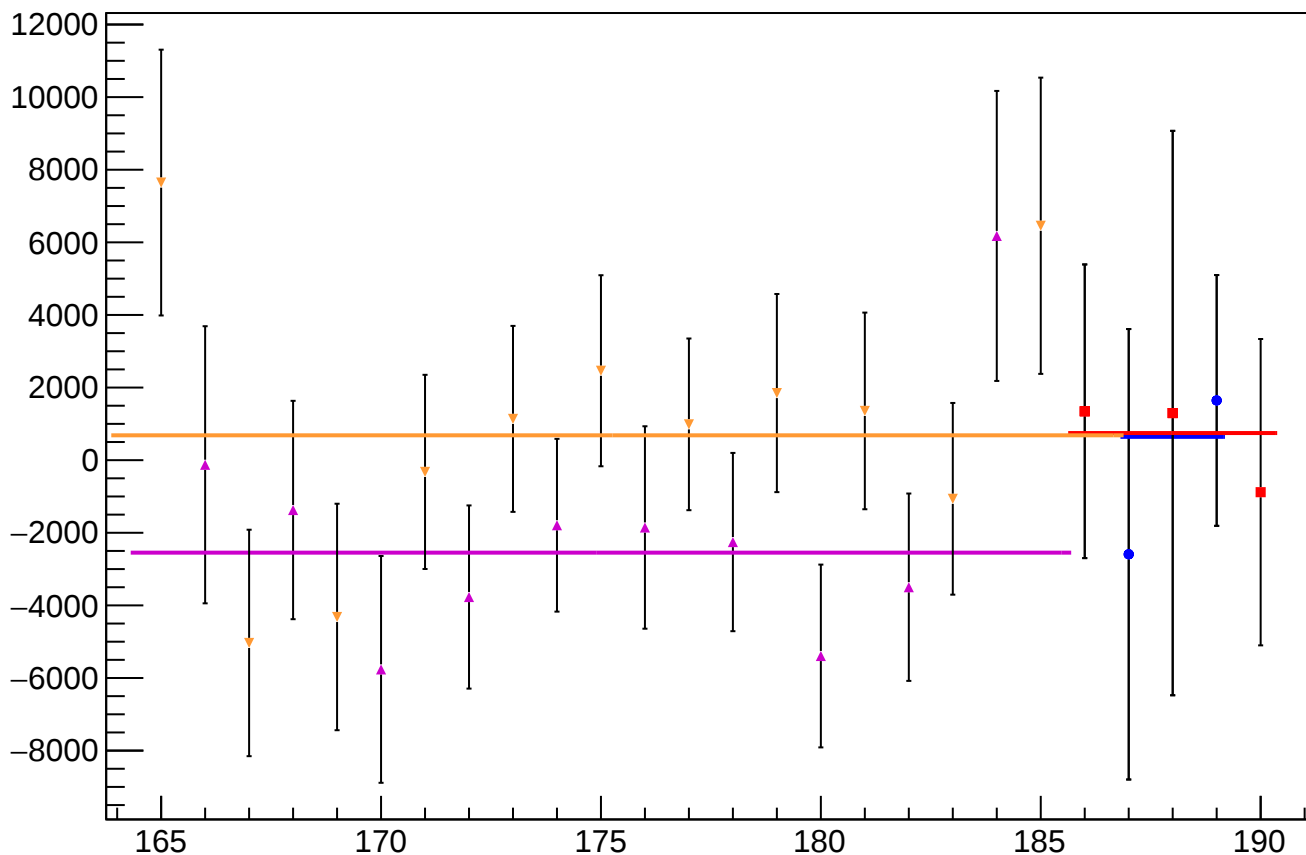
Left In: 2448.862+/-0.646 χ^2/NDF : 6517.8/9

+ sign 2460.334+/-0.579 χ^2/NDF : 6445.3/14

All: 2487.945+/-0.412 χ^2/NDF : 97420.0/29

- sign 2516.324+/-0.587 χ^2/NDF : 86368.6/14

dit_asym_atl2_mean vs Slug



Right In: 642.529+/-2133.987 χ^2/NDF : 0.7/3

Left Out: 684.669+/-854.373 χ^2/NDF : 12.9/10

Right Out: 747.289+/-2174.230 χ^2/NDF : 0.2/4

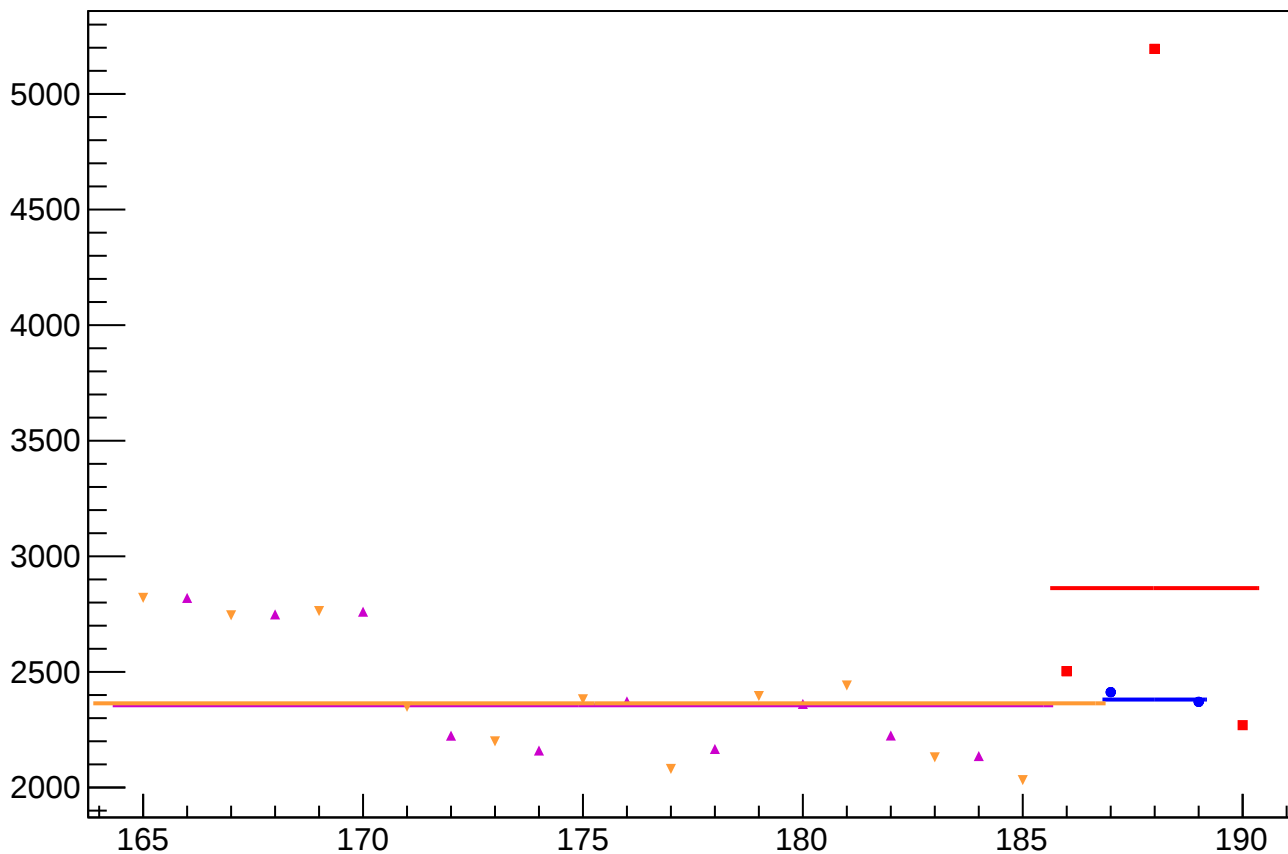
Left In: -2547.308+/-883.663 χ^2/NDF : 8.2/9

+ sign 678.848+/-793.165 χ^2/NDF : 13.6/14

All: -657.115+/-569.644 χ^2/NDF : 29.8/29

- sign -2080.250+/-818.634 χ^2/NDF : 10.4/14

dit_asym_atl2_rms vs Slug



Right In: 2380.461 $\pm$ 1.509 χ^2 /NDF: 138.3/3

Left Out: 2364.135 $\pm$ 0.604 χ^2 /NDF:161650.4/10

Right Out: 2862.461 $\pm$ 1.537 χ^2 /NDF: 431103.2/4

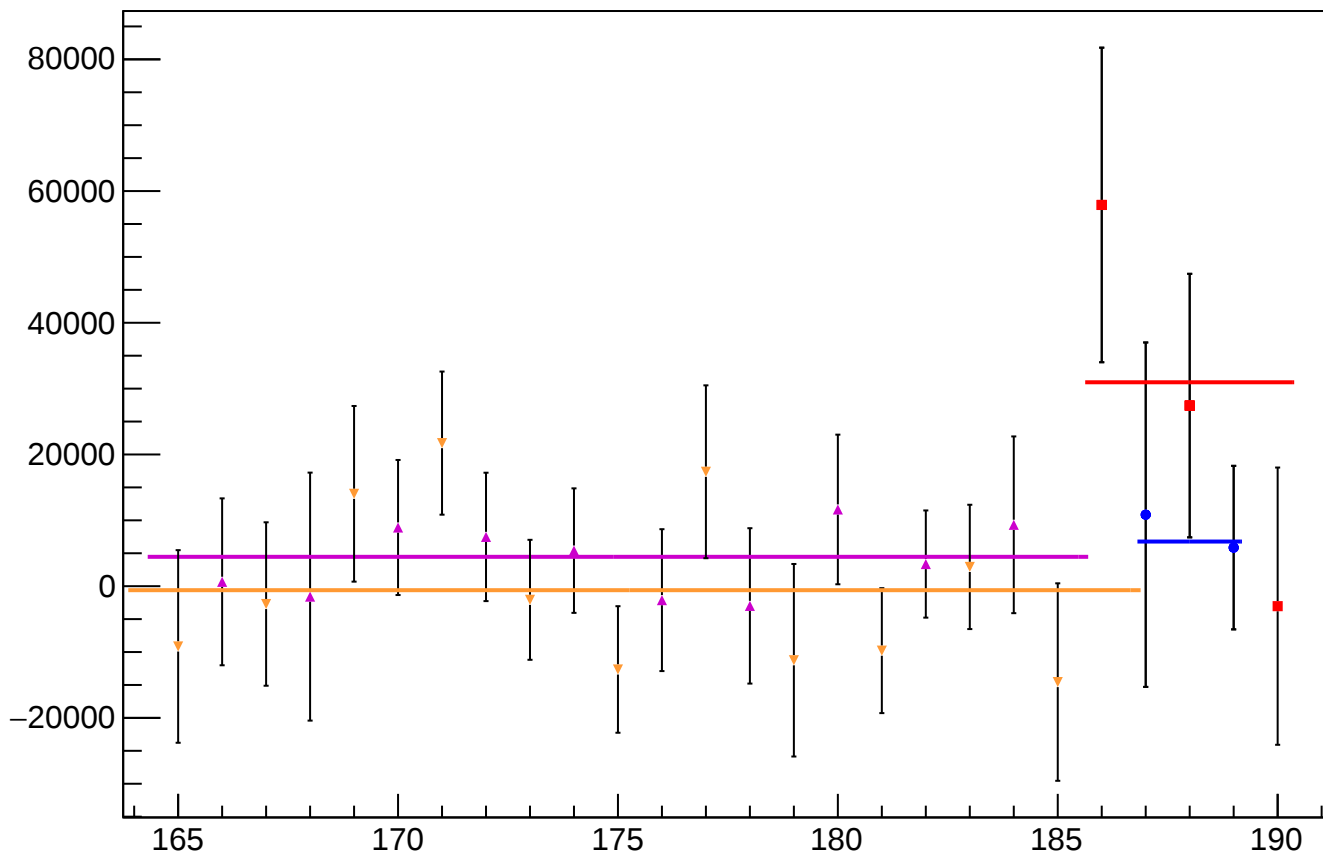
Left In: 2355.715 $\pm$ 0.625 χ^2 /NDF:139457.7/9

+ sign 2366.391 $\pm$ 0.561 χ^2 /NDF: 161889.6/14

All: 2396.006 $\pm$ 0.403 χ^2 /NDF: 831449.8/29

- sign 2427.553 $\pm$ 0.579 χ^2 /NDF: 663801.7/14

asym_atl2_correction_mean vs Slug



Right In: 6778.169+/-7930.942 χ^2/NDF : 0.1/3

Left Out: -608.097+/-3421.720 χ^2/NDF : 11.7/10

Right Out: 30964.157+/-9641.168 χ^2/NDF : 5.2/4

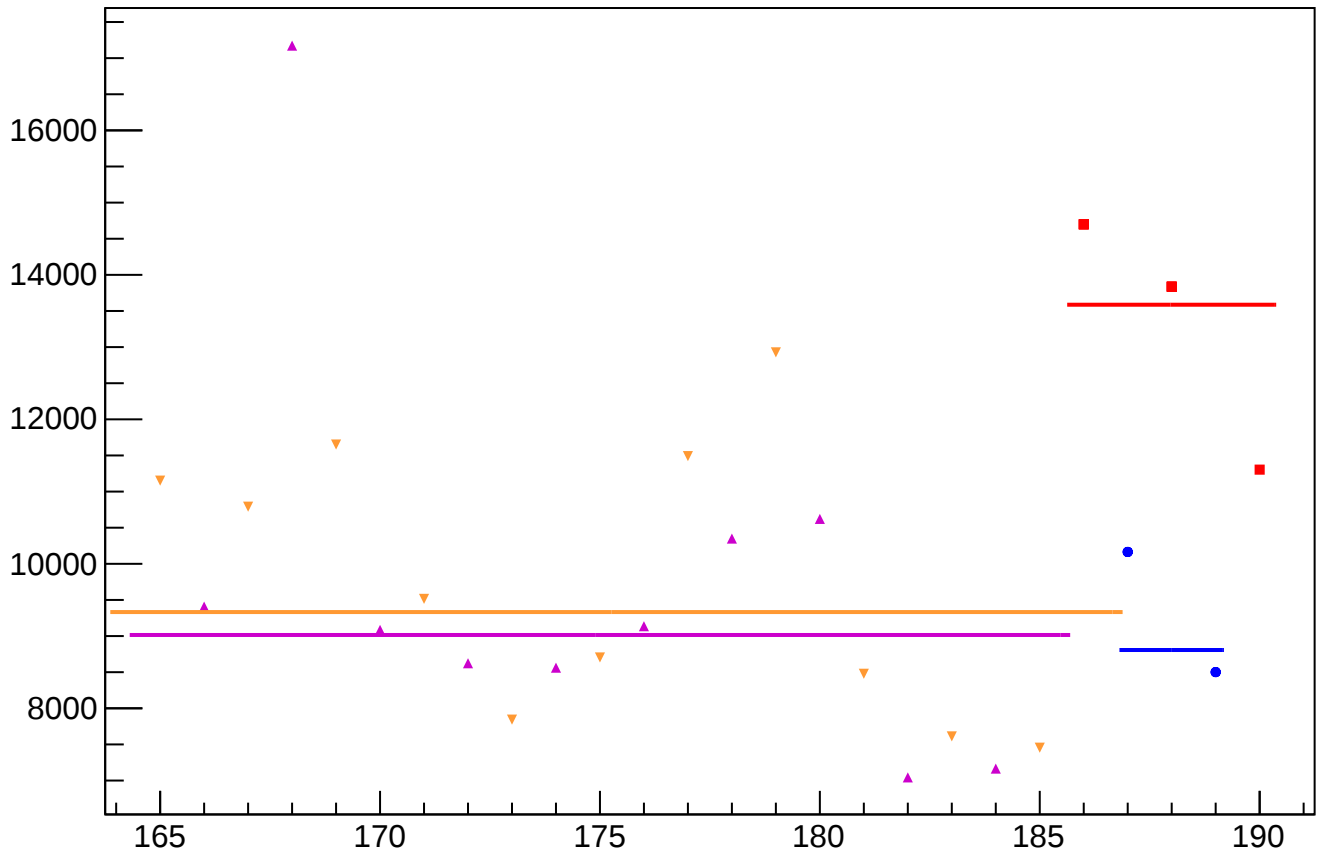
Left In: 4459.098+/-3440.678 χ^2/NDF : 1.8/9

+ sign 551.023+/-3141.785 χ^2/NDF : 12.5/14

All: 3895.470+/-2255.671 χ^2/NDF : 28.6/29

- sign 7453.399+/-3240.507 χ^2/NDF : 13.7/14

asym_atl2_correction_rms vs Slug



Right In: 8807.028+/-5.608 χ^2/NDF : 13212.4/3

Left Out: 9332.362+/-2.420 χ^2/NDF : 470714.8/10

Right Out: 13586.604+/-6.817 χ^2/NDF : 32829.8/4

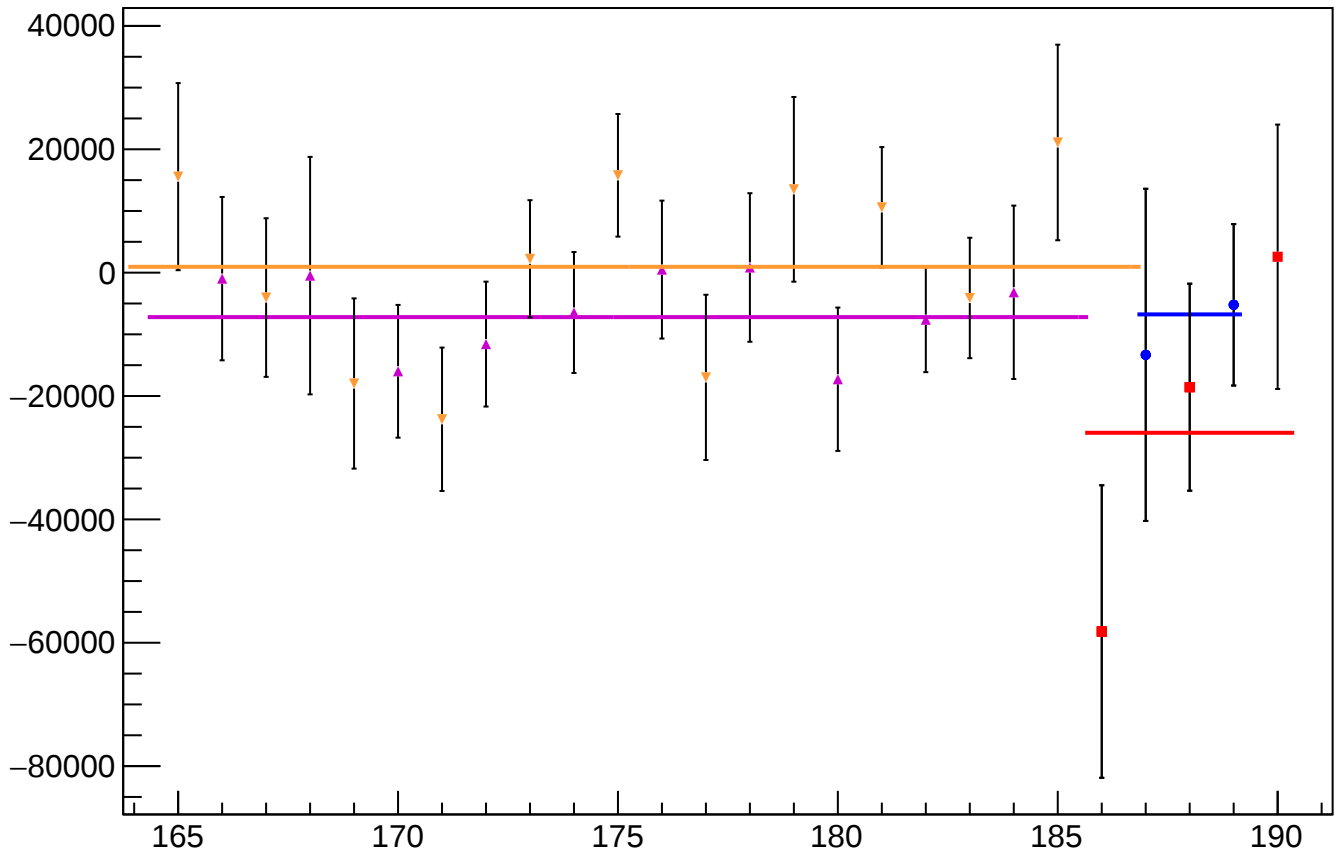
Left In: 9015.022+/-2.433 χ^2/NDF : 606444.1/9

+ sign 9249.922+/-2.222 χ^2/NDF : 491325.2/14

All: 9386.346+/-1.595 χ^2/NDF : 1537261.0/29

- sign 9531.478+/-2.291 χ^2/NDF : 1038153.2/14

asym_atl2_mean vs Slug



Right In: -6765.713+/-8323.022 χ^2/NDF : 0.1/3

Left Out: 944.765+/-3553.226 χ^2/NDF : 15.1/10

Right Out: -25961.057+/-8826.860 χ^2/NDF : 5.9/4

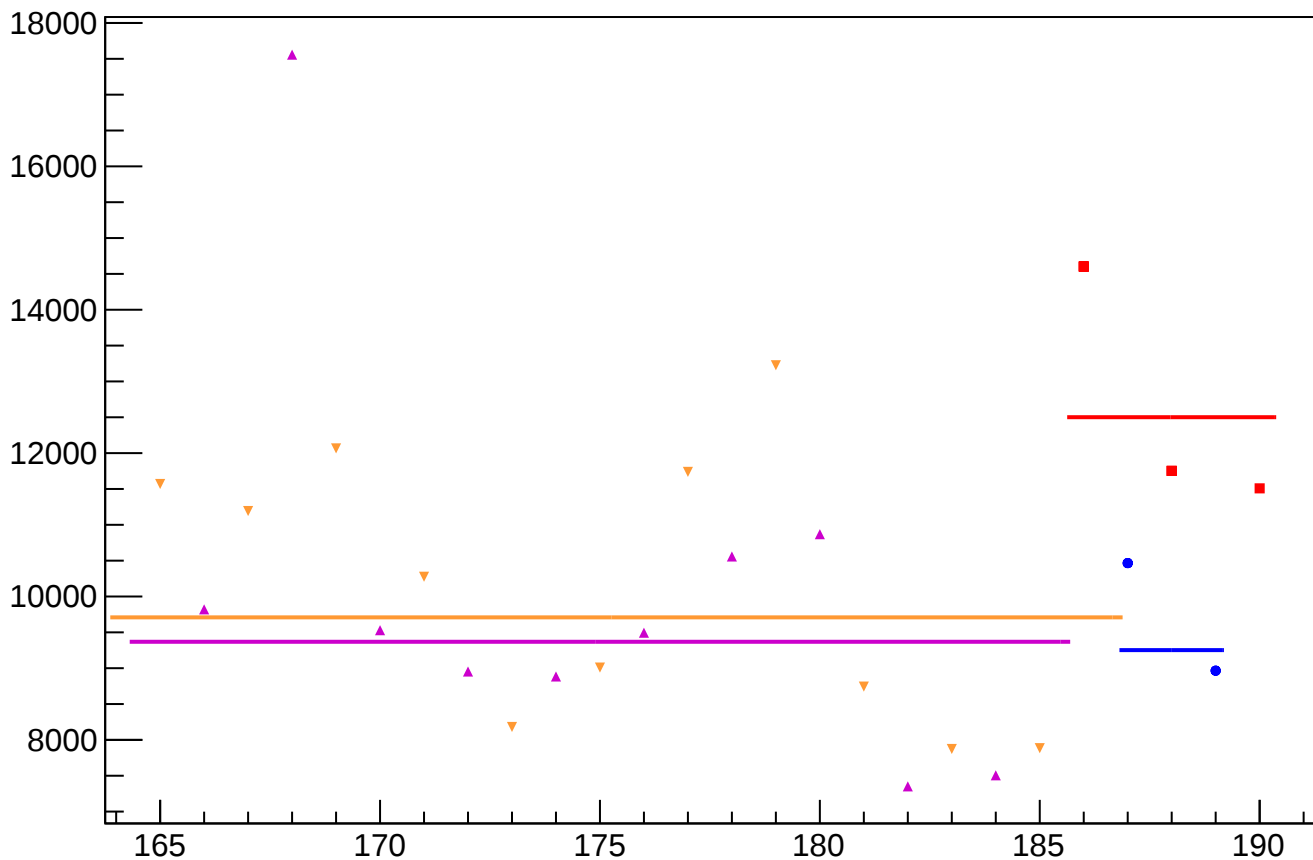
Left In: -7207.675+/-3571.659 χ^2/NDF : 3.0/9

+ sign -243.883+/-3267.886 χ^2/NDF : 15.9/14

All: -4982.266+/-2325.797 χ^2/NDF : 32.9/29

- sign -9846.163+/-3310.884 χ^2/NDF : 12.7/14

asym_atl2_rms vs Slug



Right In: 9252.177+/-5.885 χ^2/NDF : 10047.0/3

Left Out: 9708.989+/-2.513 χ^2/NDF : 454391.7/10

Right Out: 12501.005+/-6.242 χ^2/NDF : 43667.4/4

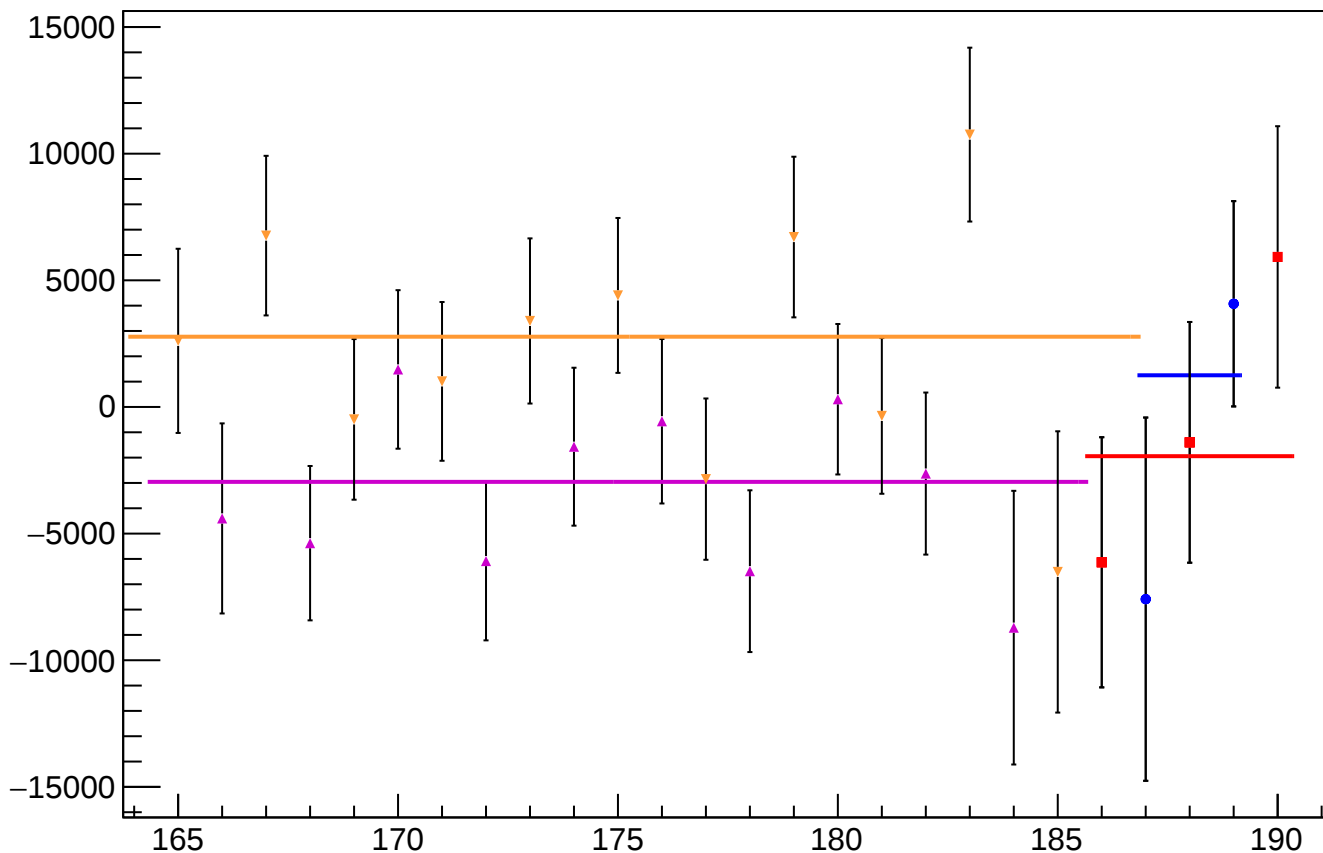
Left In: 9368.534+/-2.526 χ^2/NDF : 573731.7/9

+ sign 9638.567+/-2.311 χ^2/NDF : 469534.7/14

All: 9722.795+/-1.645 χ^2/NDF : 1306067.3/29

- sign 9809.254+/-2.341 χ^2/NDF : 833840.1/14

dit_asym_atr1_mean vs Slug



Right In: 1250.581+/-2494.814 χ^2/NDF : 4.0/3

Left Out: 2773.636+/-1000.045 χ^2/NDF : 17.2/10

Right Out: -1943.436+/-2192.064 χ^2/NDF : 3.8/4

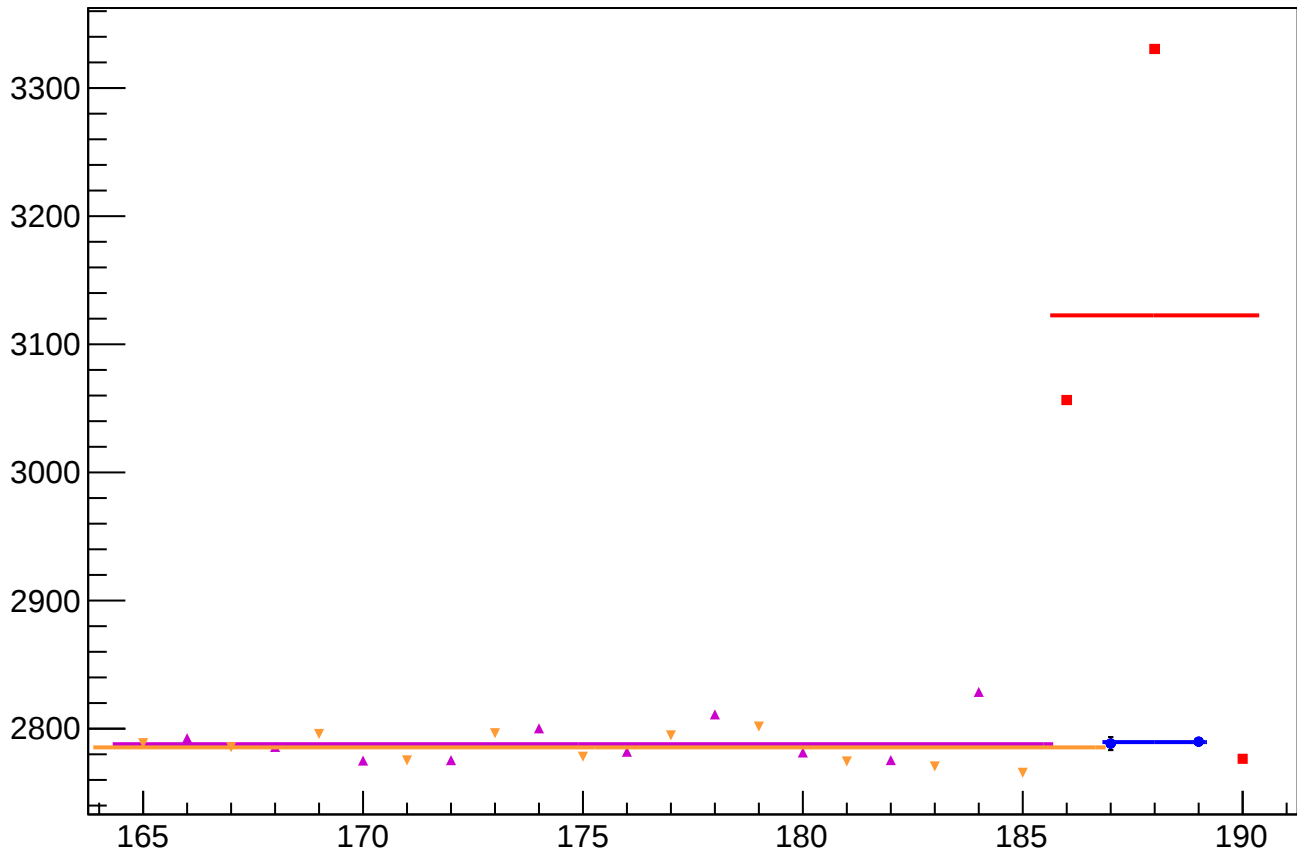
Left In: -2957.498+/-1040.364 χ^2/NDF : 8.1/9

+ sign 2562.790+/-928.246 χ^2/NDF : 21.5/14

All: -70.921+/-660.444 χ^2/NDF : 49.9/29

- sign -2771.073+/-939.882 χ^2/NDF : 12.1/14

dit_asym_atr1_rms vs Slug



Right In: 2789.524+/-1.764 χ^2/NDF : 0.1/3

Left Out: 2785.416+/-0.707 χ^2/NDF : 237.0/10

Right Out: 3122.581+/-1.550 χ^2/NDF : 17362.9/4

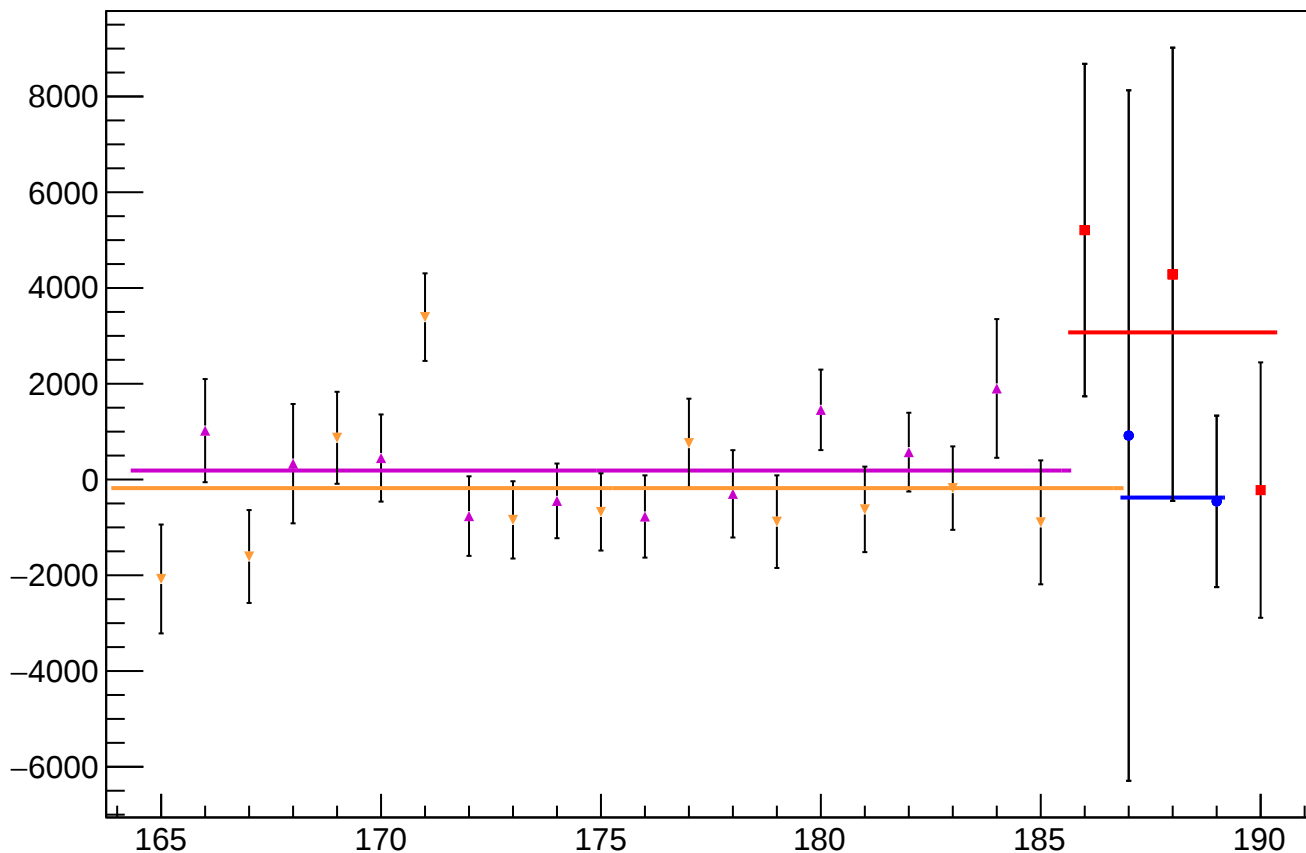
Left In: 2787.884+/-0.736 χ^2/NDF : 366.9/9

+ sign 2785.984+/-0.656 χ^2/NDF : 241.8/14

All: 2817.304+/-0.467 χ^2/NDF : 60637.1/29

- sign 2849.414+/-0.665 χ^2/NDF : 55784.0/14

asym_atr1_correction_mean vs Slug



Right In: -376.875 ± 1228.658 χ^2/NDF : 0.1/3

Left Out: -179.839 ± 281.887 χ^2/NDF : 24.6/10

Right Out: 3072.691 ± 1589.598 χ^2/NDF : 2.4/4

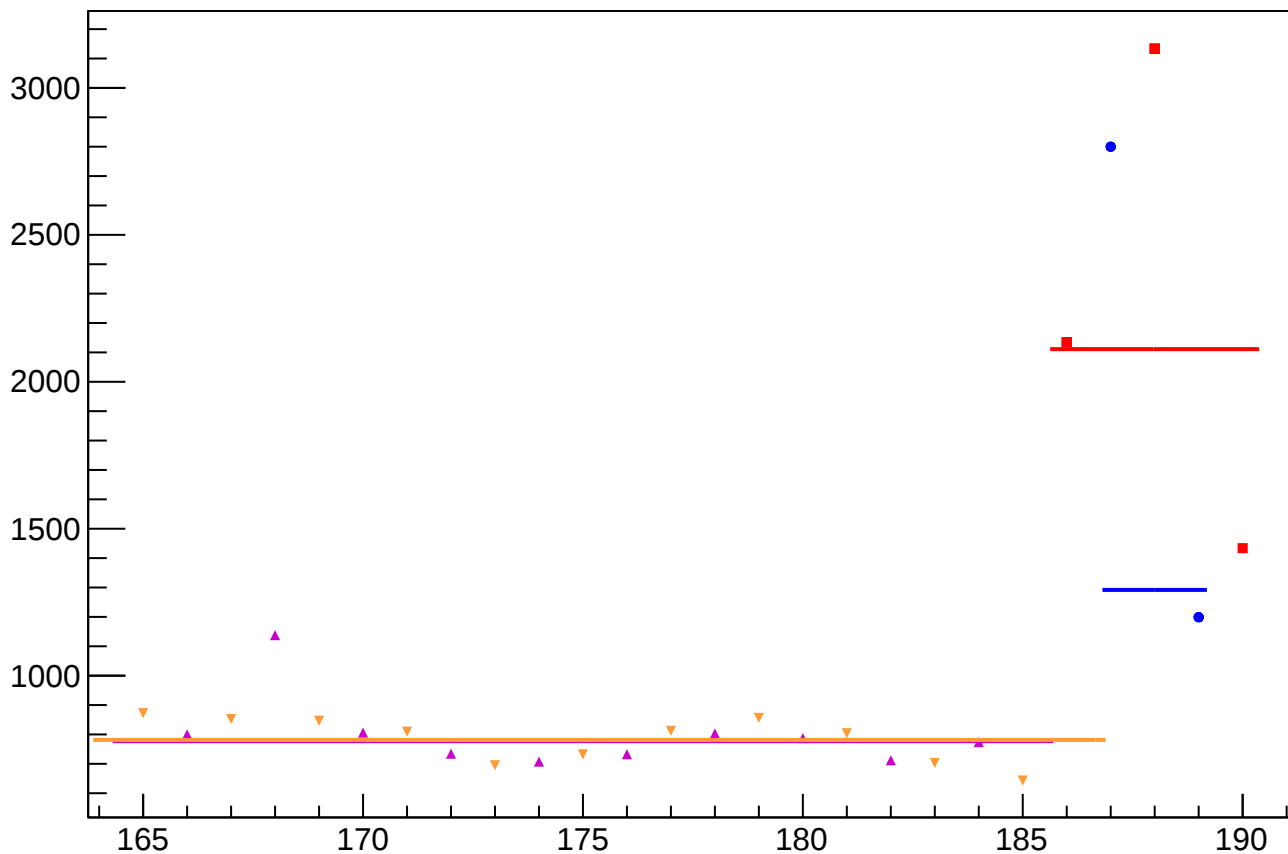
Left In: 187.400 ± 291.961 χ^2/NDF : 8.1/9

+ sign -189.692 ± 274.748 χ^2/NDF : 24.6/14

All: 35.530 ± 198.519 χ^2/NDF : 39.7/29

- sign 281.557 ± 287.158 χ^2/NDF : 13.7/14

asym_atr1_correction_rms vs Slug



Right In: 1291.795+/-0.869 χ^2/NDF : 185766.2/3

Left Out: 781.406+/-0.199 χ^2/NDF : 119425.5/10

Right Out: 2111.195+/-1.124 χ^2/NDF : 315800.3/4

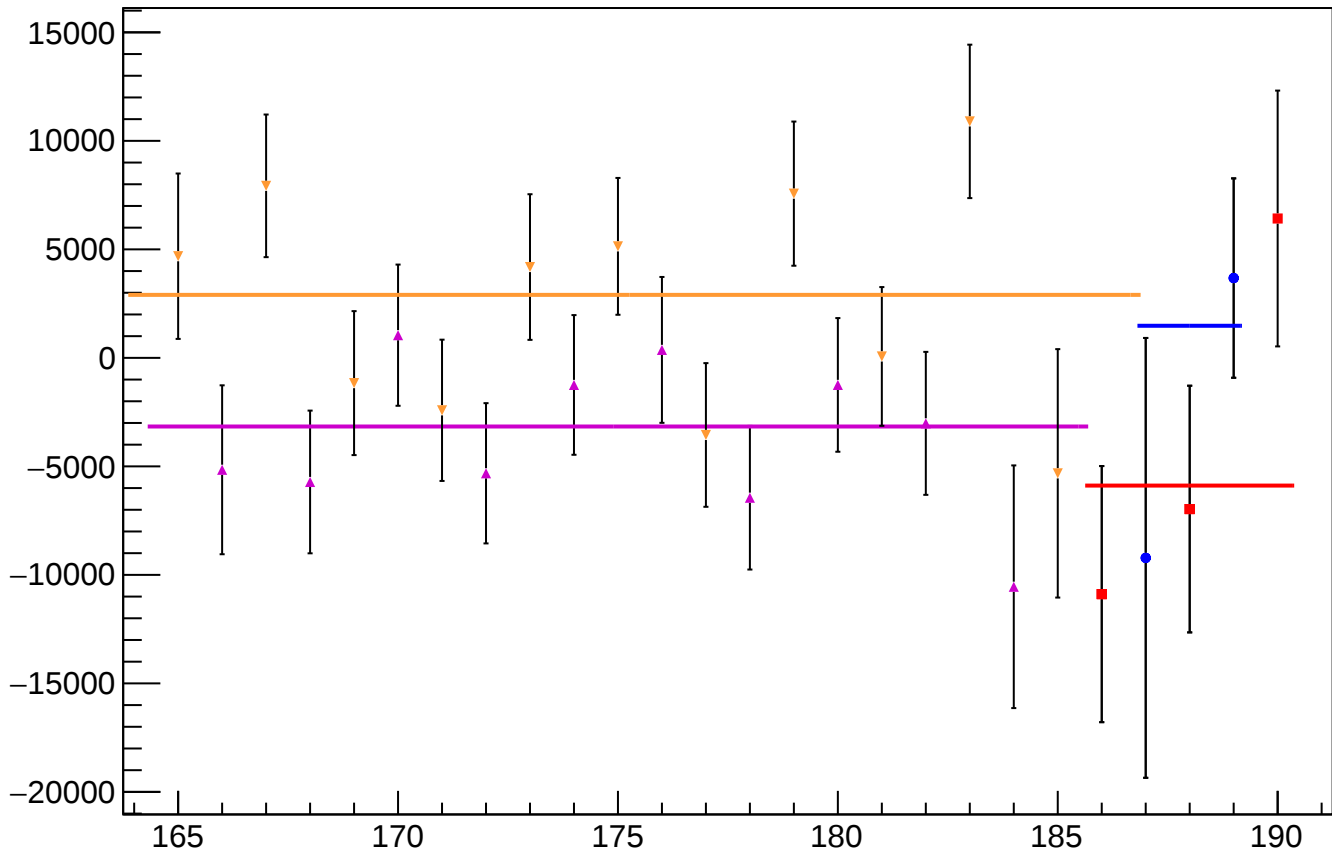
Left In: 777.162+/-0.206 χ^2/NDF : 211571.8/9

+ sign 806.928+/-0.194 χ^2/NDF : 633053.9/14

All: 813.509+/-0.140 χ^2/NDF : 2525461.0/29

- sign 820.697+/-0.203 χ^2/NDF : 1890006.6/14

asym_atr1_mean vs Slug



Right In: 1479.032 $\pm$ 2958.680 χ^2 /NDF: 2.7/3

Left Out: 2902.698 $\pm$ 1038.930 χ^2 /NDF:21.1/10

Right Out: -5884.995 $\pm$ 2598.216 χ^2 /NDF: 5.9/4

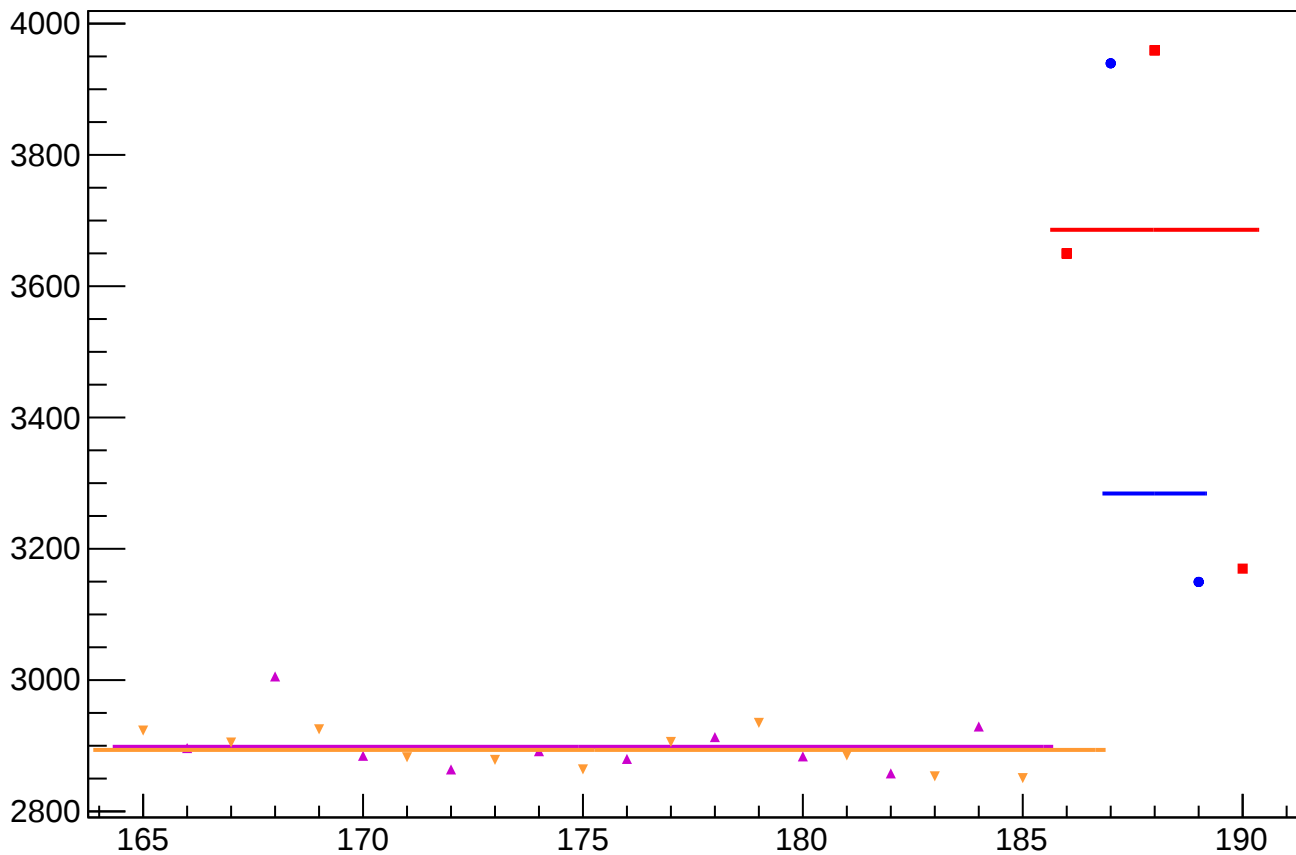
Left In: -3162.633 $\pm$ 1081.663 χ^2 /NDF:7.6/9

+ sign 2746.423 $\pm$ 980.252 χ^2 /NDF: 24.0/14

All: -350.705 $\pm$ 699.534 χ^2 /NDF: 58.7/29

- sign -3564.762 $\pm$ 998.585 χ^2 /NDF: 14.4/14

asym_atr1_rms vs Slug



Right In: 3284.226 $\pm$ 2.092 χ^2 /NDF: 20159.0/3

Left Out: 2893.652 $\pm$ 0.735 χ^2 /NDF:1284.5/10

Right Out: 3685.925 $\pm$ 1.837 χ^2 /NDF: 24741.7/4

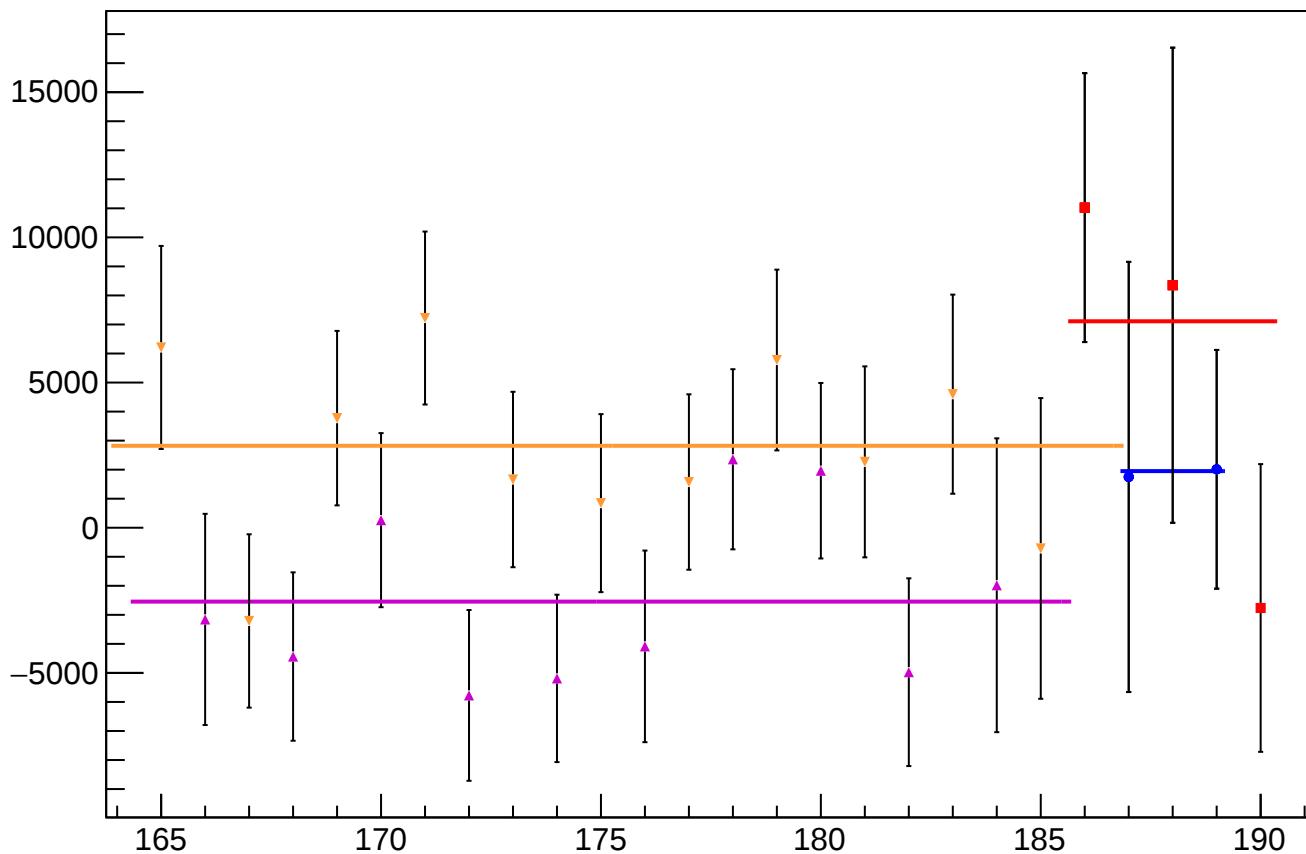
Left In: 2898.389 $\pm$ 0.765 χ^2 /NDF:2905.6/9

+ sign 2936.525 $\pm$ 0.693 χ^2 /NDF: 52470.7/14

All: 2974.897 $\pm$ 0.495 χ^2 /NDF: 242968.6/29

- sign 3014.718 $\pm$ 0.706 χ^2 /NDF: 184252.8/14

dit_asym_atr2_mean vs Slug



Right In: 1950.133+/-2541.917 χ^2/NDF : 0.0/3

Left Out: 2822.554+/-970.767 χ^2/NDF : 9.7/10

Right Out: 7110.180+/-2470.273 χ^2/NDF : 5.4/4

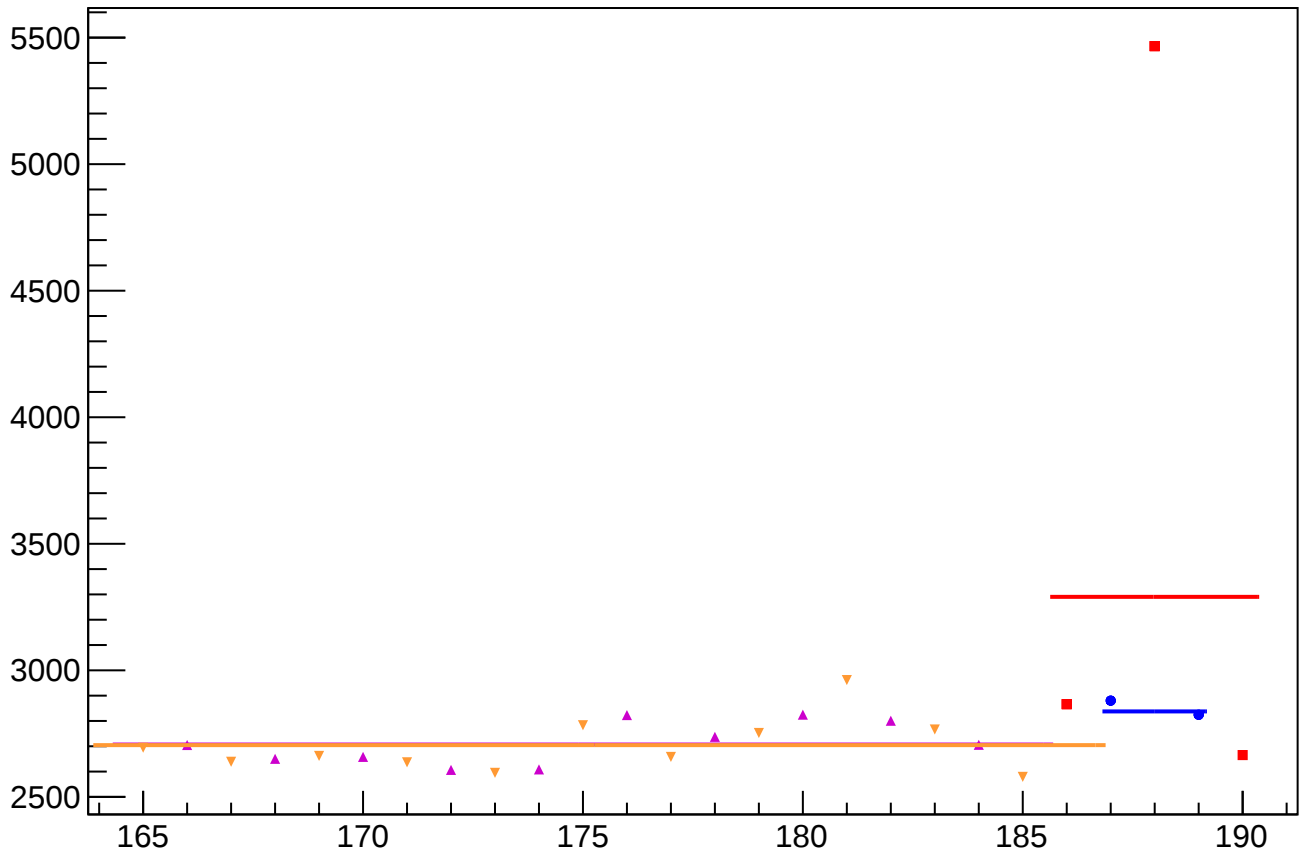
Left In: -2544.229+/-1009.254 χ^2/NDF : 8.9/9

+ sign 2711.507+/-906.882 χ^2/NDF : 9.8/14

All: 831.799+/-650.735 χ^2/NDF : 46.1/29

- sign -1163.224+/-934.286 χ^2/NDF : 27.4/14

dit_asym_atr2_rms vs Slug



Right In: 2837.667 $\pm$ 1.797 χ^2 /NDF: 173.5/3

Left Out: 2704.466 $\pm$ 0.686 χ^2 /NDF: 21362.7/10

Right Out: 3290.366 $\pm$ 1.747 χ^2 /NDF: 348297.4/4

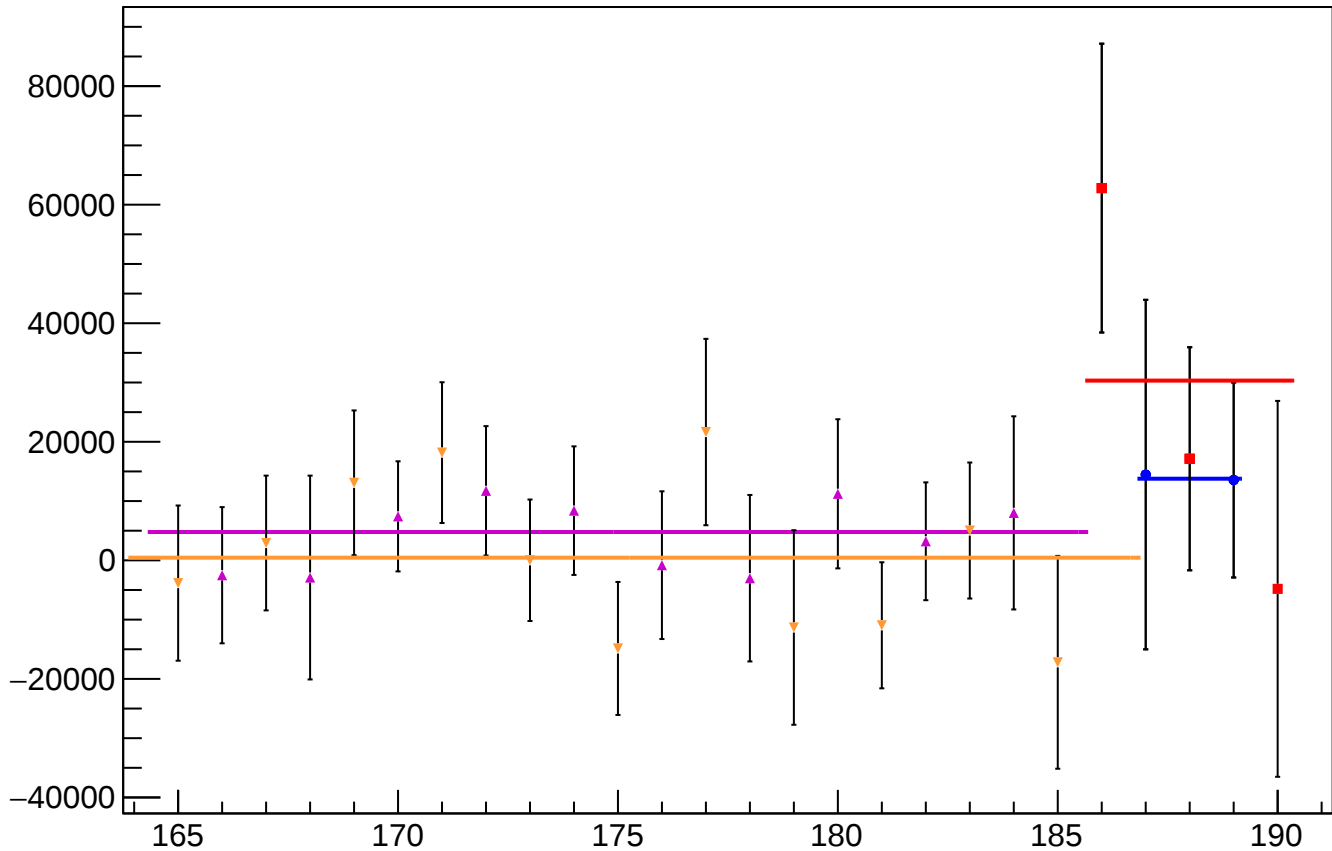
Left In: 2706.909 $\pm$ 0.714 χ^2 /NDF: 13356.5/9

+ sign 2721.420 $\pm$ 0.641 χ^2 /NDF: 26329.0/14

All: 2754.869 $\pm$ 0.460 χ^2 /NDF: 489204.0/29

- sign 2790.369 $\pm$ 0.661 χ^2 /NDF: 457266.8/14

asym_atr2_correction_mean vs Slug



Right In: 13772.233+/-10157.721 χ^2/NDF : 0.0/3

Left Out: 449.351+/-3723.011 χ^2/NDF : 9.9/10

Right Out: 30322.620+/-9993.484 χ^2/NDF : 5.8/4

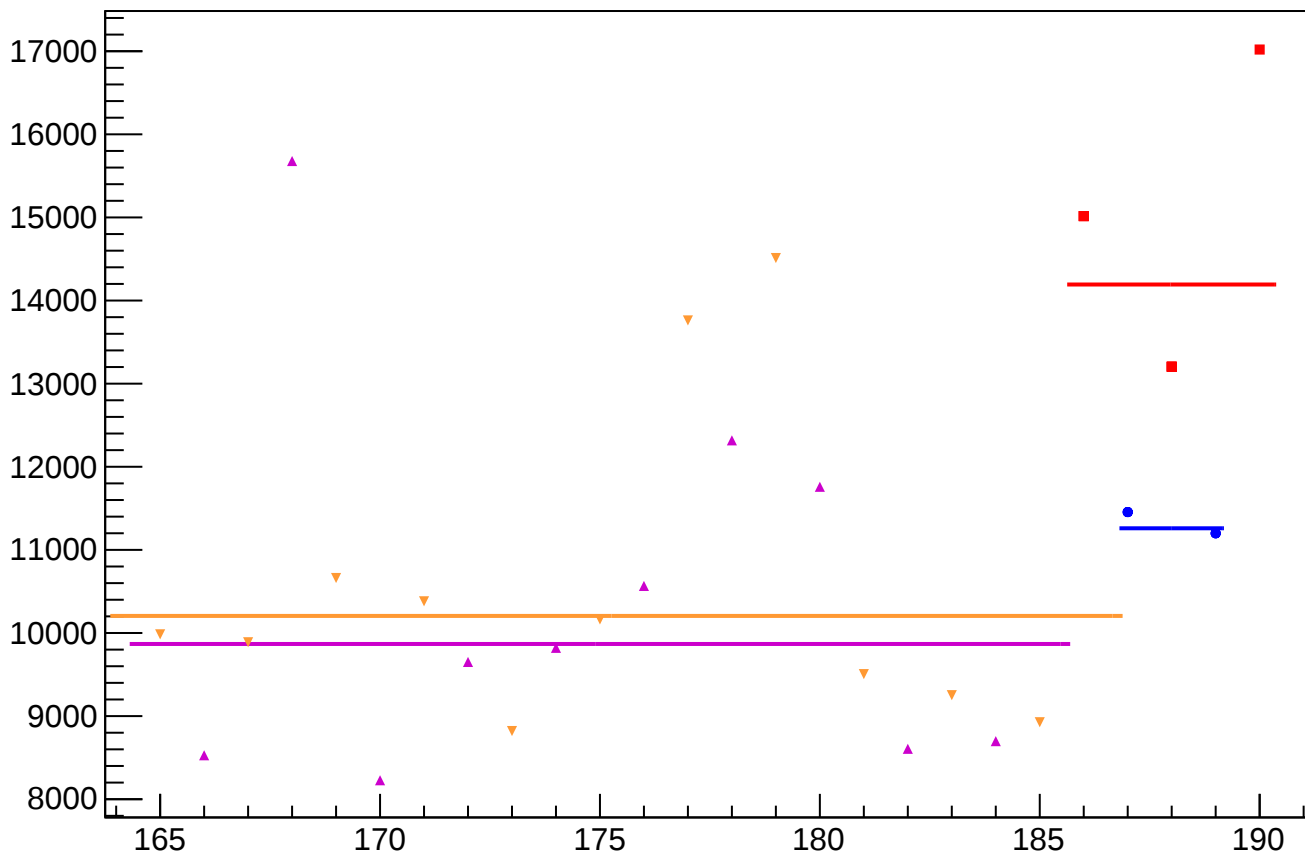
Left In: 4779.032+/-3748.176 χ^2/NDF : 2.0/9

+ sign 2027.151+/-3495.612 χ^2/NDF : 11.4/14

All: 4966.490+/-2476.651 χ^2/NDF : 26.4/29

- sign 7929.154+/-3509.455 χ^2/NDF : 13.5/14

asym_atr2_correction_rms vs Slug



Right In: 11259.770+/-7.183 χ^2/NDF : 229.5/3

Left Out: 10205.388+/-2.633 χ^2/NDF : 314581.4/10

Right Out: 14192.950+/-7.066 χ^2/NDF : 31513.0/4

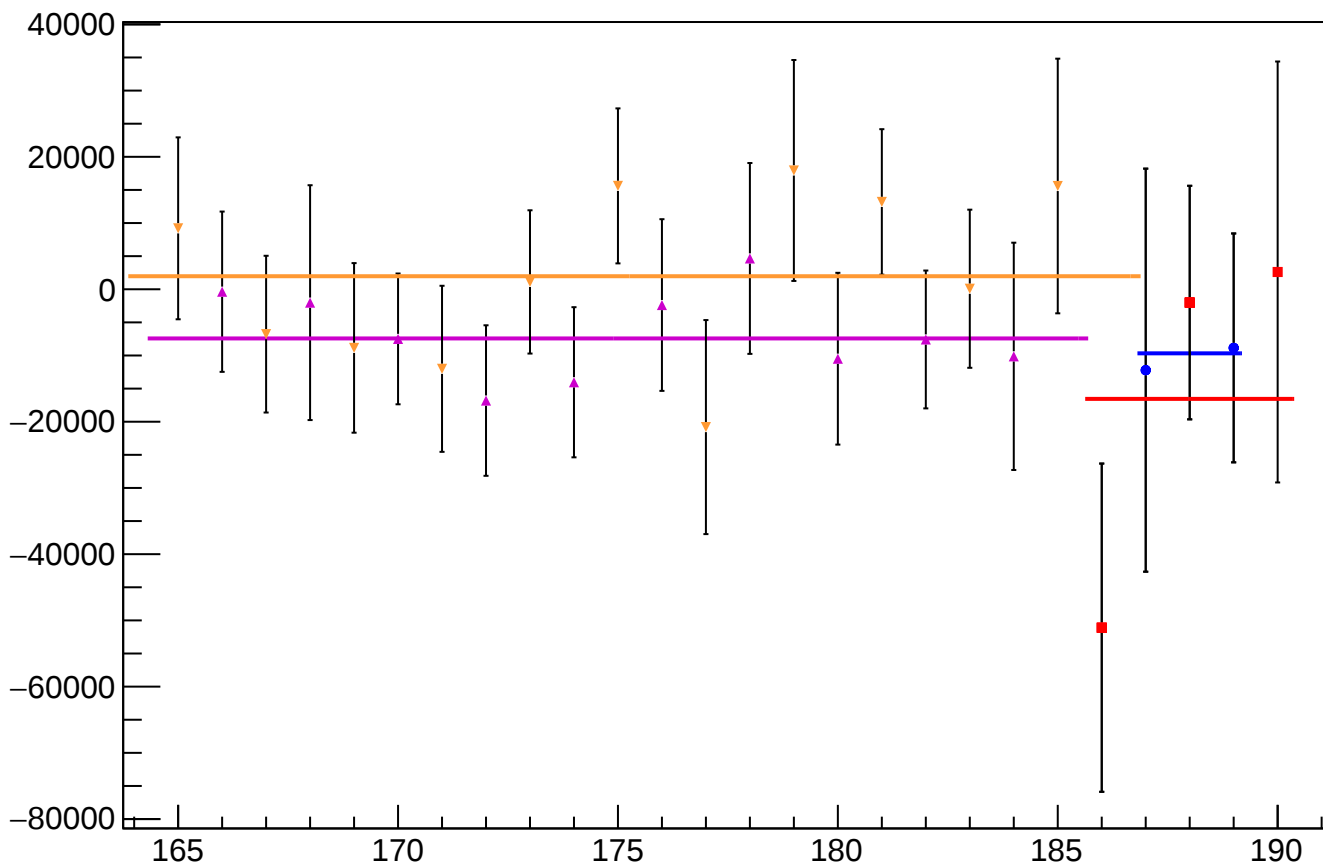
Left In: 9867.814+/-2.650 χ^2/NDF : 473719.9/9

+ sign 10330.256+/-2.472 χ^2/NDF : 333808.2/14

All: 10365.590+/-1.751 χ^2/NDF : 1167875.6/2

- sign 10401.204+/-2.482 χ^2/NDF : 833657.2/14

asym_atr2_mean vs Slug



Right In: -9674.007 ± 10625.189 χ^2/NDF : 0.0/3

Left Out: 1968.804 ± 3887.066 χ^2/NDF : 8.6/10

Right Out: -16551.670 ± 9677.236 χ^2/NDF : 5.6/4

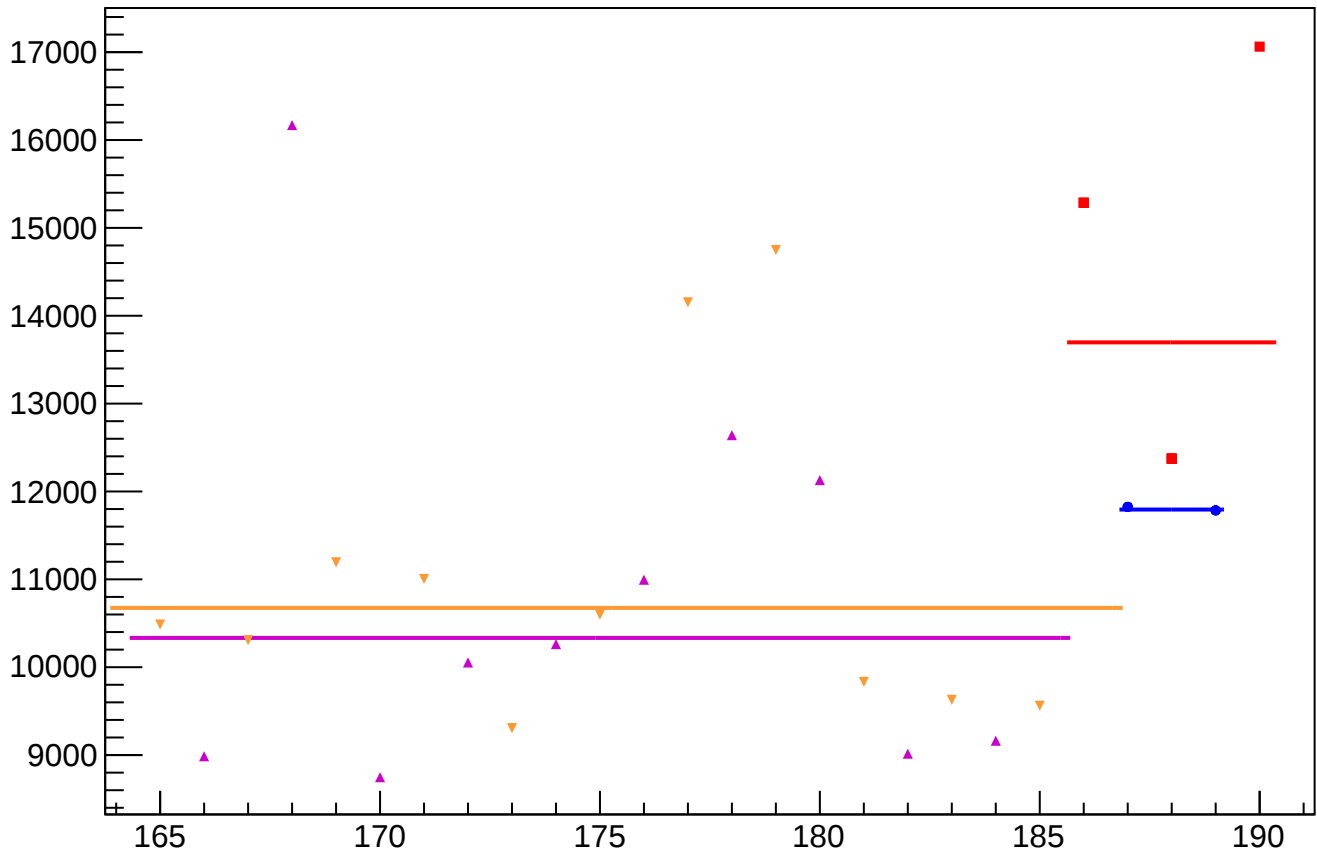
Left In: -7425.636 ± 3918.321 χ^2/NDF : 2.4/9

+ sign 594.514 ± 3650.454 χ^2/NDF : 9.7/14

All: -4081.983 ± 2574.676 χ^2/NDF : 21.7/29

- sign -8711.061 ± 3631.900 χ^2/NDF : 8.8/14

asym_atr2_rms vs Slug



Right In: 11794.398+/-7.513 χ^2/NDF : 5.2/3

Left Out: 10674.868+/-2.749 χ^2/NDF : 284786.5/10

Right Out: 13696.971+/-6.843 χ^2/NDF : 61389.3/4

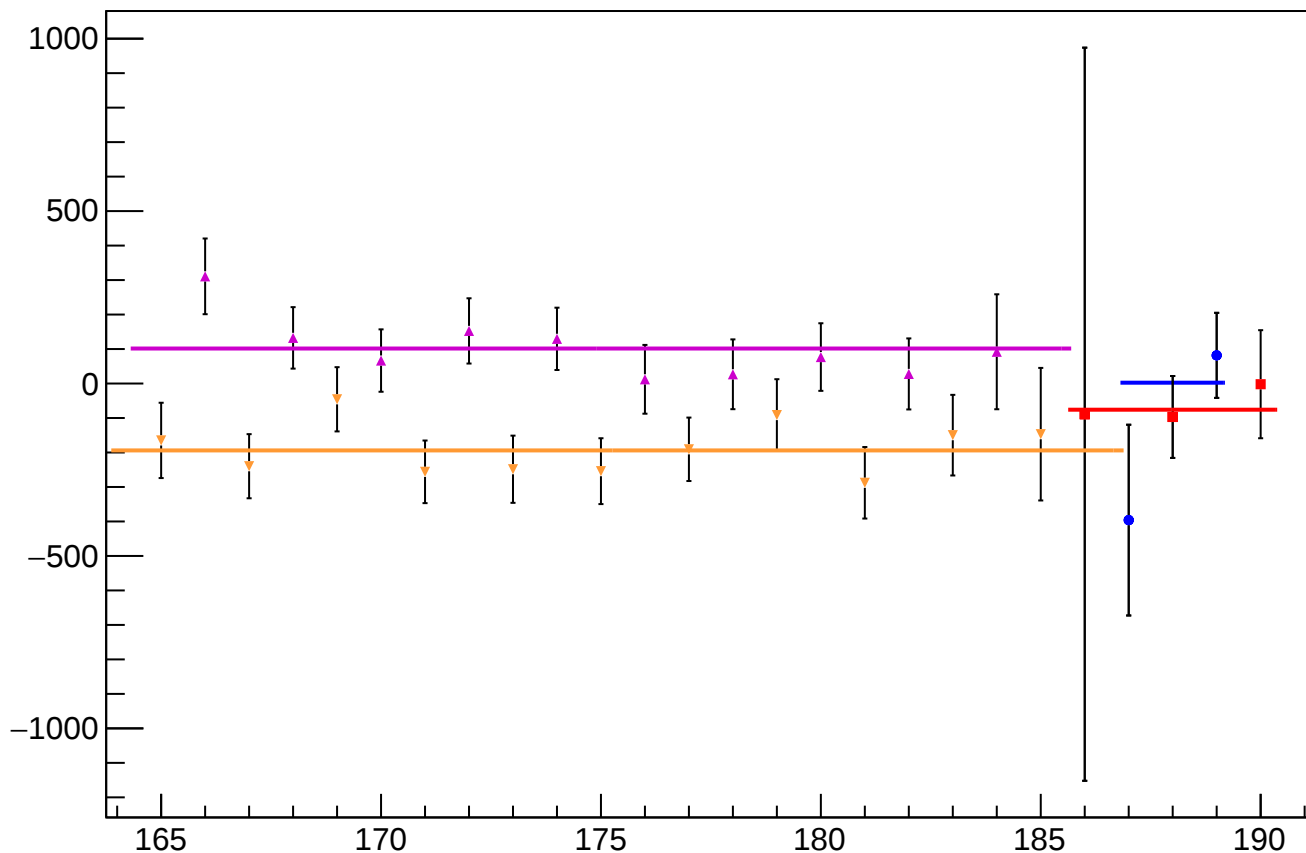
Left In: 10333.354+/-2.771 χ^2/NDF : 430585.9/9

+ sign 10807.015+/-2.581 χ^2/NDF : 304374.7/14

All: 10807.072+/-1.821 χ^2/NDF : 1003940.6/2

- sign 10807.128+/-2.568 χ^2/NDF : 699565.9/14

dit_asym_sam1_mean vs Slug



Right In: 2.407 ± 79.642 $\chi^2/\text{NDF}: 5.0/3$

Left Out: -193.983 ± 30.784 $\chi^2/\text{NDF}: 6.0/10$

Right Out: -75.921 ± 73.659 $\chi^2/\text{NDF}: 0.3/4$

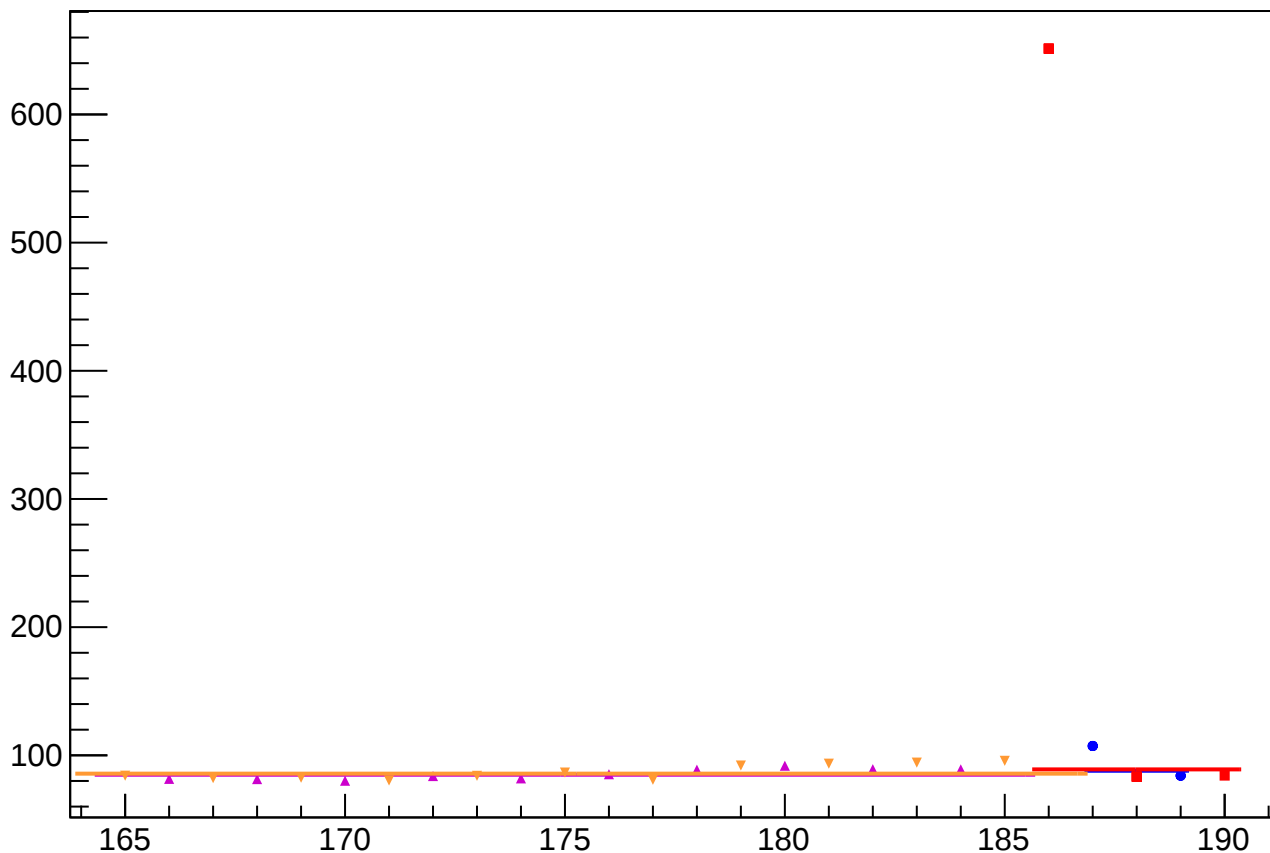
Left In: 101.487 ± 31.656 $\chi^2/\text{NDF}: 6.2/9$

+ sign -168.455 ± 28.714 $\chi^2/\text{NDF}: 16.3/14$

All: -48.865 ± 20.433 $\chi^2/\text{NDF}: 62.8/29$

- sign 73.828 ± 29.084 $\chi^2/\text{NDF}: 11.4/14$

dit_asym_sam1_rms vs Slug



Right In: 87.971+/-0.056 χ^2/NDF : 23430.3/3

Left Out: 85.705+/-0.022 χ^2/NDF : 53624.8/10

Right Out: 89.025+/-0.052 χ^2/NDF : 1130381.8/4

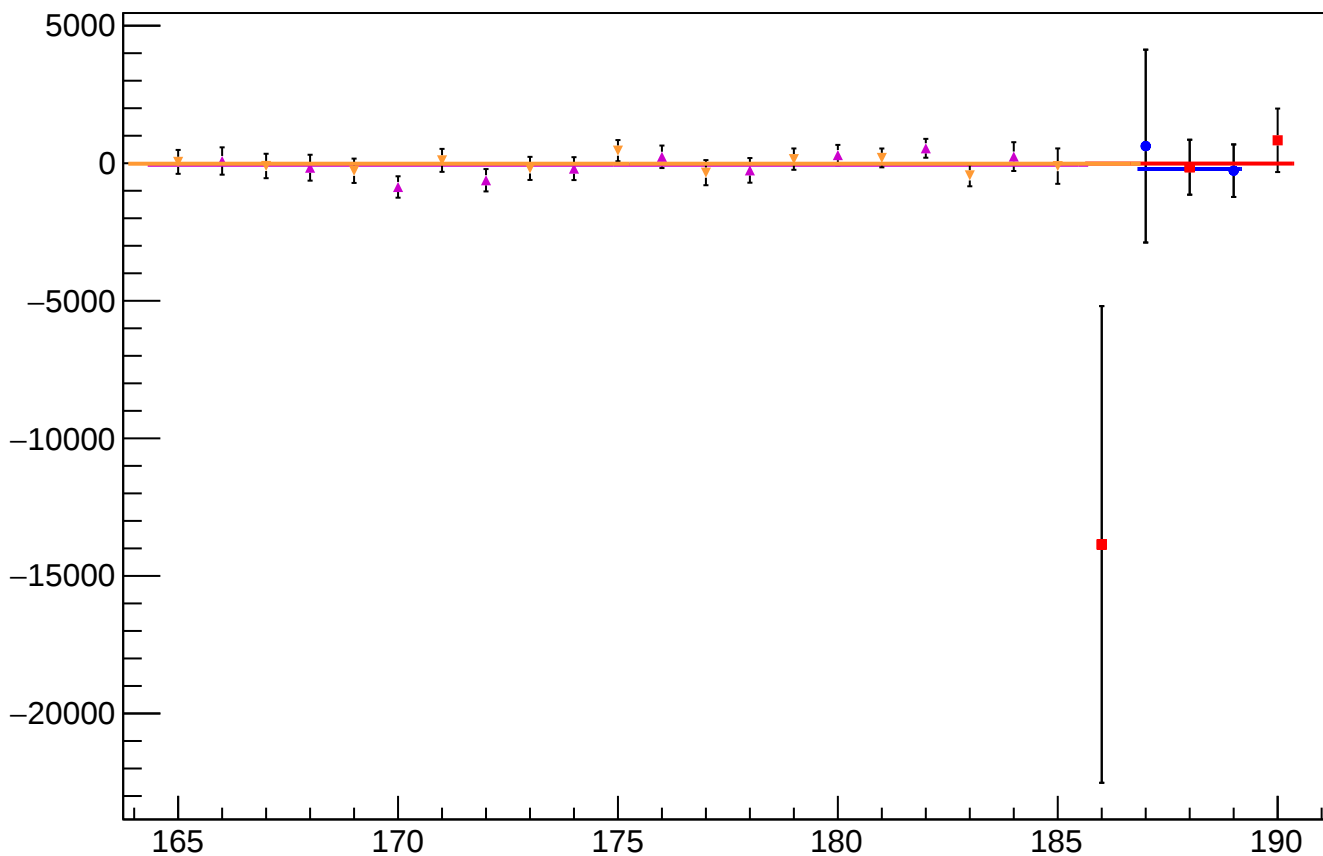
Left In: 84.852+/-0.022 χ^2/NDF : 30349.6/9

+ sign 86.000+/-0.020 χ^2/NDF : 78462.7/14

All: 85.754+/-0.014 χ^2/NDF : 1244909.2/29

- sign 85.503+/-0.021 χ^2/NDF : 1166150.4/14

asym_sam1_correction_mean vs Slug



Right In: -209.036+/-651.379 χ^2/NDF : 0.1/3

Left Out: -17.066+/-126.616 χ^2/NDF : 4.4/10

Right Out: -11.814+/-599.537 χ^2/NDF : 5.7/4

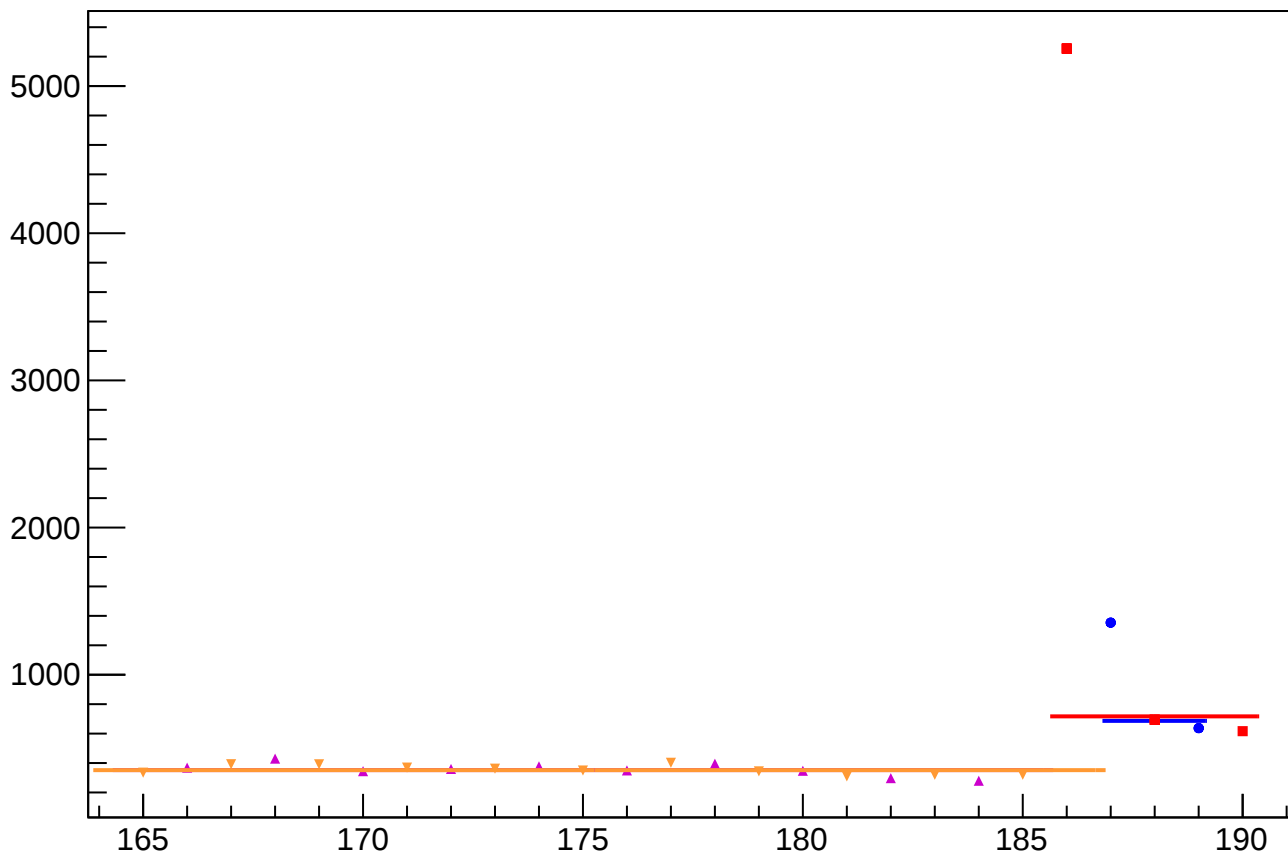
Left In: -55.781+/-131.994 χ^2/NDF : 11.4/9

+ sign -24.055+/-124.290 χ^2/NDF : 4.6/14

All: -38.360+/-89.474 χ^2/NDF : 21.8/29

- sign -53.748+/-128.907 χ^2/NDF : 17.1/14

asym_sam1_correction_rms vs Slug



Right In: 686.541 ± 0.461 $\chi^2/\text{NDF}: 155826.0/3$

Left Out: 351.644 ± 0.090 $\chi^2/\text{NDF}: 113660.6/10$

Right Out: 717.066 ± 0.424 $\chi^2/\text{NDF}: 1114613.0/4$

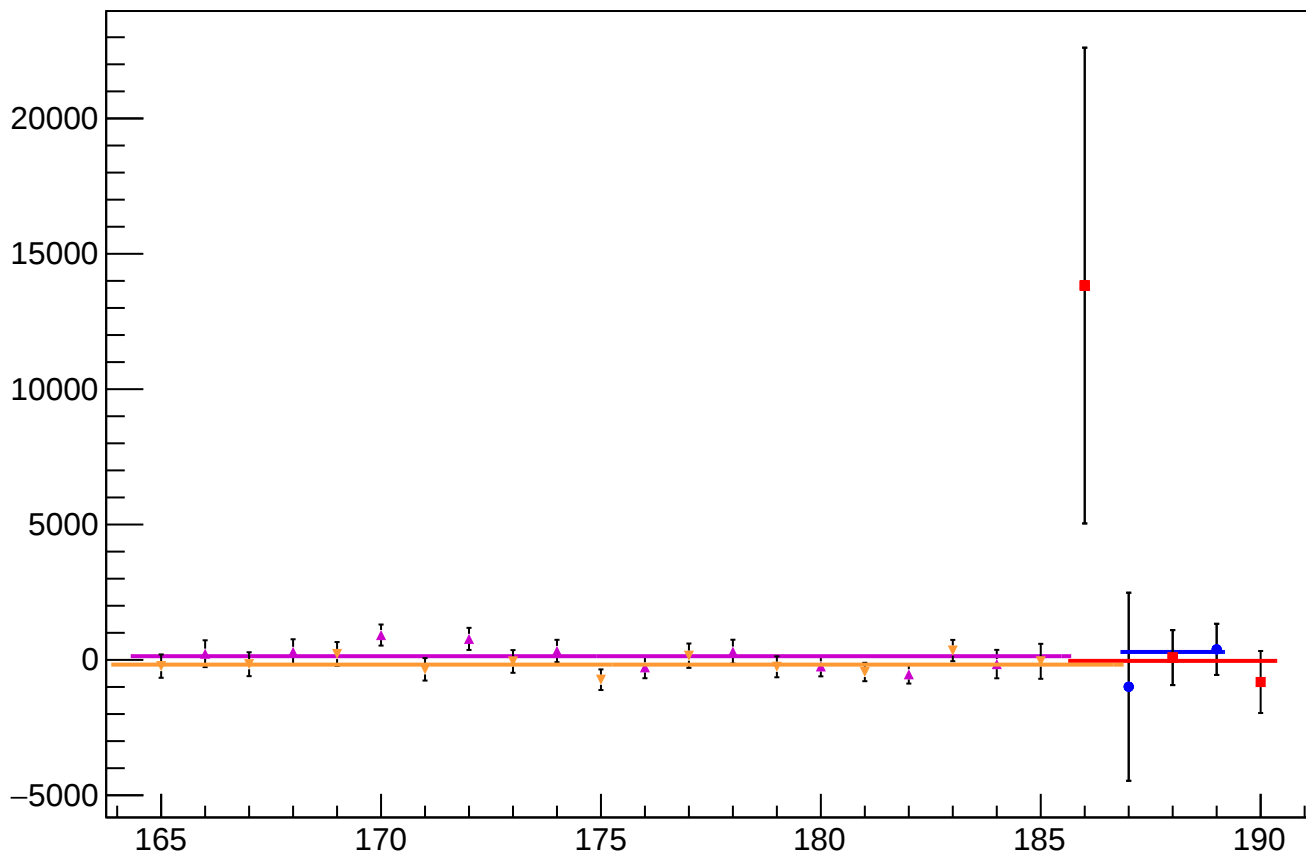
Left In: 352.141 ± 0.093 $\chi^2/\text{NDF}: 174144.8/9$

+ sign 363.837 ± 0.088 $\chi^2/\text{NDF}: 778908.1/14$

All: 366.330 ± 0.063 $\chi^2/\text{NDF}: 2776059.4/29$

- sign 369.011 ± 0.091 $\chi^2/\text{NDF}: 1995481.6/14$

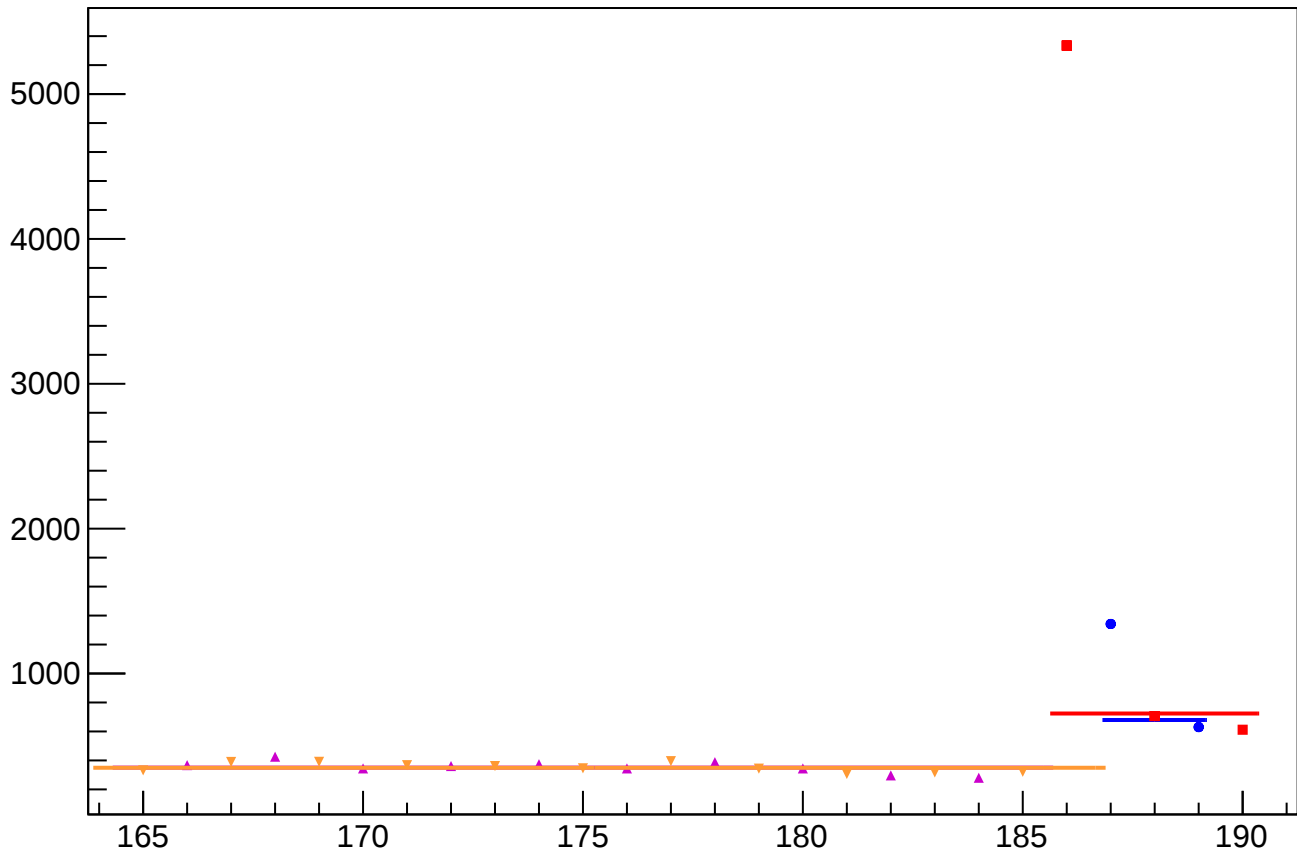
asym_sam1_mean vs Slug



Right In: 293.306+/-644.325 χ^2/NDF : 0.3/3
 Left Out: -174.379+/-125.857 χ^2/NDF : 6.2/10
 Right Out: -36.439+/-605.514 χ^2/NDF : 5.5/4
 Left In: 137.272+/-131.287 χ^2/NDF : 13.2/9

+ sign -157.190+/-123.522 χ^2/NDF : 7.0/14
 All: -19.302+/-88.986 χ^2/NDF : 28.3/29
 - sign 129.473+/-128.306 χ^2/NDF : 18.7/14

asym_sam1_rms vs Slug



Right In: 679.097 $\pm$ 0.456 χ^2 /NDF: 156453.8/3

Left Out: 349.403 $\pm$ 0.089 χ^2 /NDF: 113292.4/10

Right Out: 723.888 $\pm$ 0.428 χ^2 /NDF: 1121713.9/4

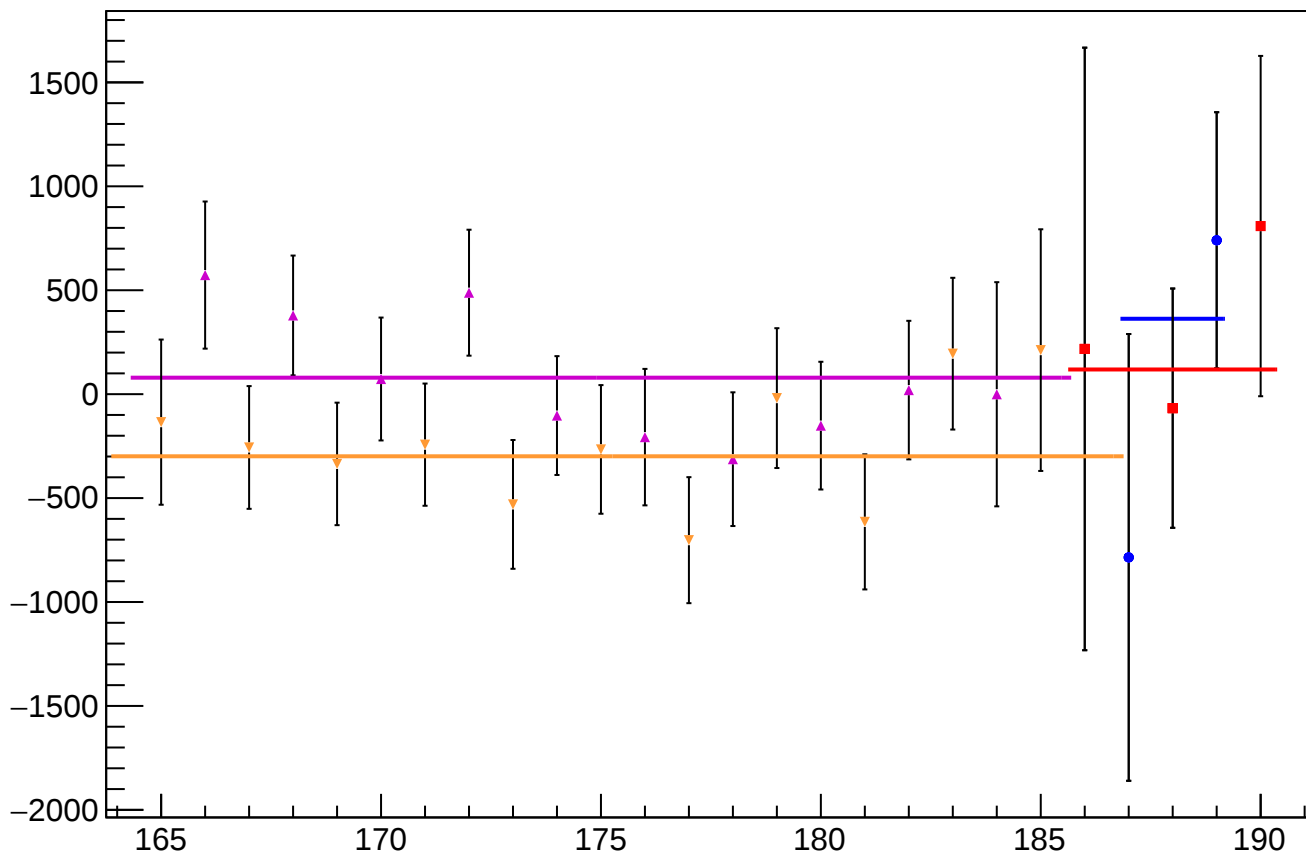
Left In: 350.324 $\pm$ 0.093 χ^2 /NDF: 163228.6/9

+ sign 361.520 $\pm$ 0.087 χ^2 /NDF: 774151.7/14

All: 364.203 $\pm$ 0.063 χ^2 /NDF: 2788097.8/29

- sign 367.097 $\pm$ 0.091 χ^2 /NDF: 2011985.1/14

dit_asym_sam2_mean vs Slug



Right In: 362.754 ± 378.034 χ^2/NDF : 3.0/3

Left Out: -298.917 ± 99.309 χ^2/NDF : 6.8/10

Right Out: 118.752 ± 343.404 χ^2/NDF : 0.9/4

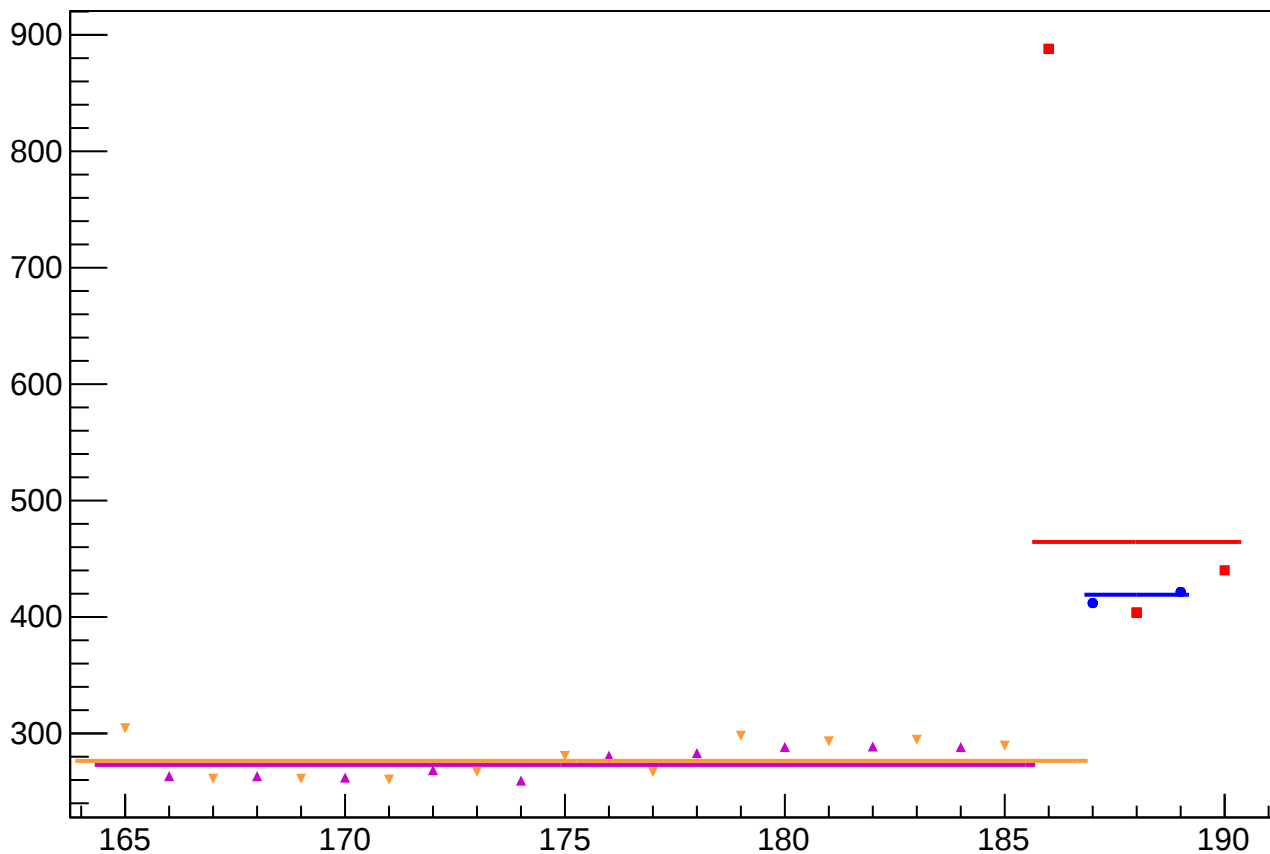
Left In: 79.268 ± 101.757 χ^2/NDF : 8.1/9

+ sign -256.203 ± 96.050 χ^2/NDF : 12.7/14

All: -89.522 ± 68.446 χ^2/NDF : 27.9/29

- sign 82.455 ± 97.564 χ^2/NDF : 9.1/14

dit_asym_sam2_rms vs Slug



Right In: 419.135 $\pm$ 0.267 χ^2 /NDF: 237.4/3

Left Out: 276.463 $\pm$ 0.070 χ^2 /NDF: 50479.8/10

Right Out: 464.499 $\pm$ 0.243 χ^2 /NDF: 387781.1/4

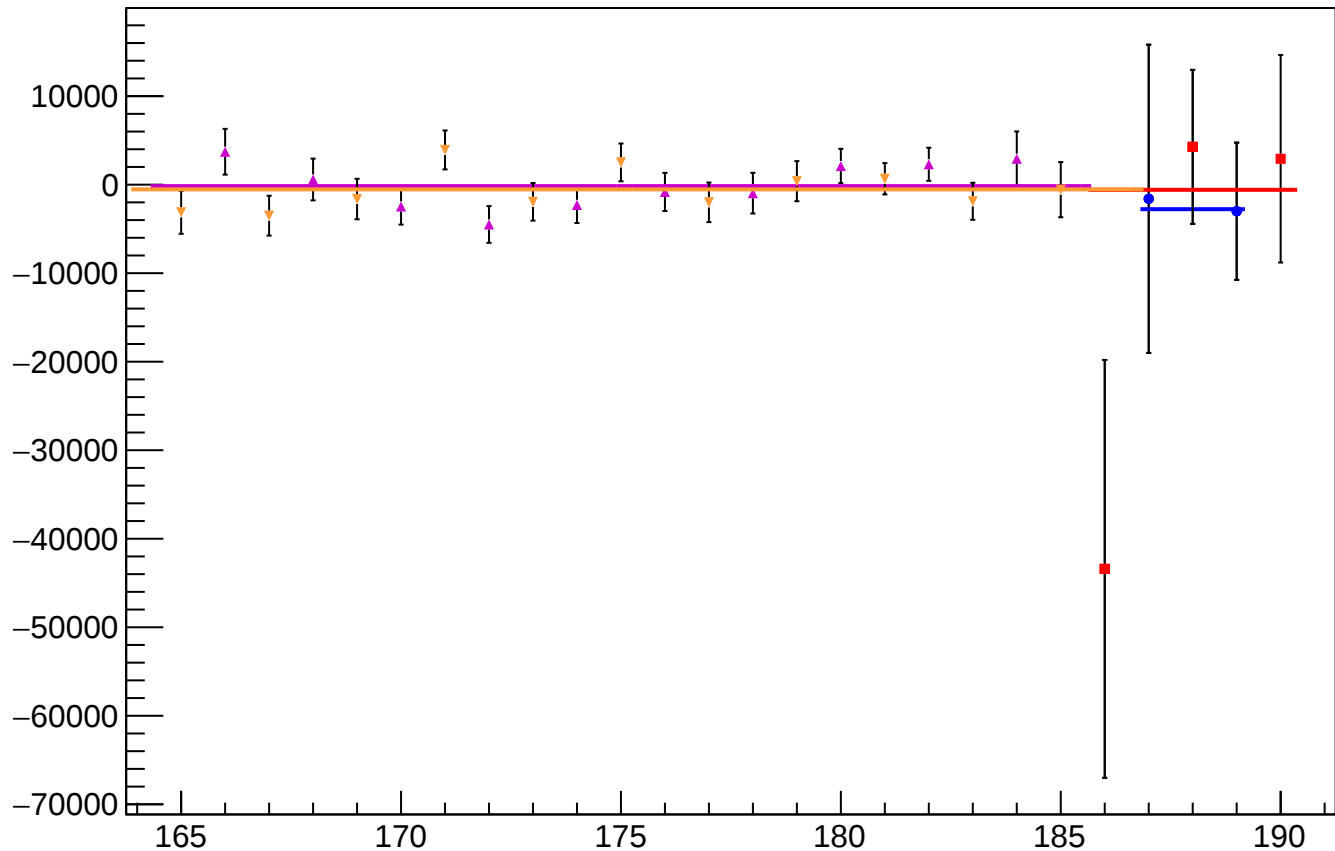
Left In: 272.969 $\pm$ 0.072 χ^2 /NDF: 25643.3/9

+ sign 285.674 $\pm$ 0.068 χ^2 /NDF: 317196.9/14

All: 287.030 $\pm$ 0.048 χ^2 /NDF: 1303363.6/29

- sign 288.429 $\pm$ 0.069 χ^2 /NDF: 985356.8/14

asym_sam2_correction_mean vs Slug



Right In: -2770.731+/-5008.189 χ^2/NDF : 0.0/3

Left Out: -531.659+/-666.511 χ^2/NDF : 11.2/10

Right Out: -581.964+/-5177.487 χ^2/NDF : 7.3/4

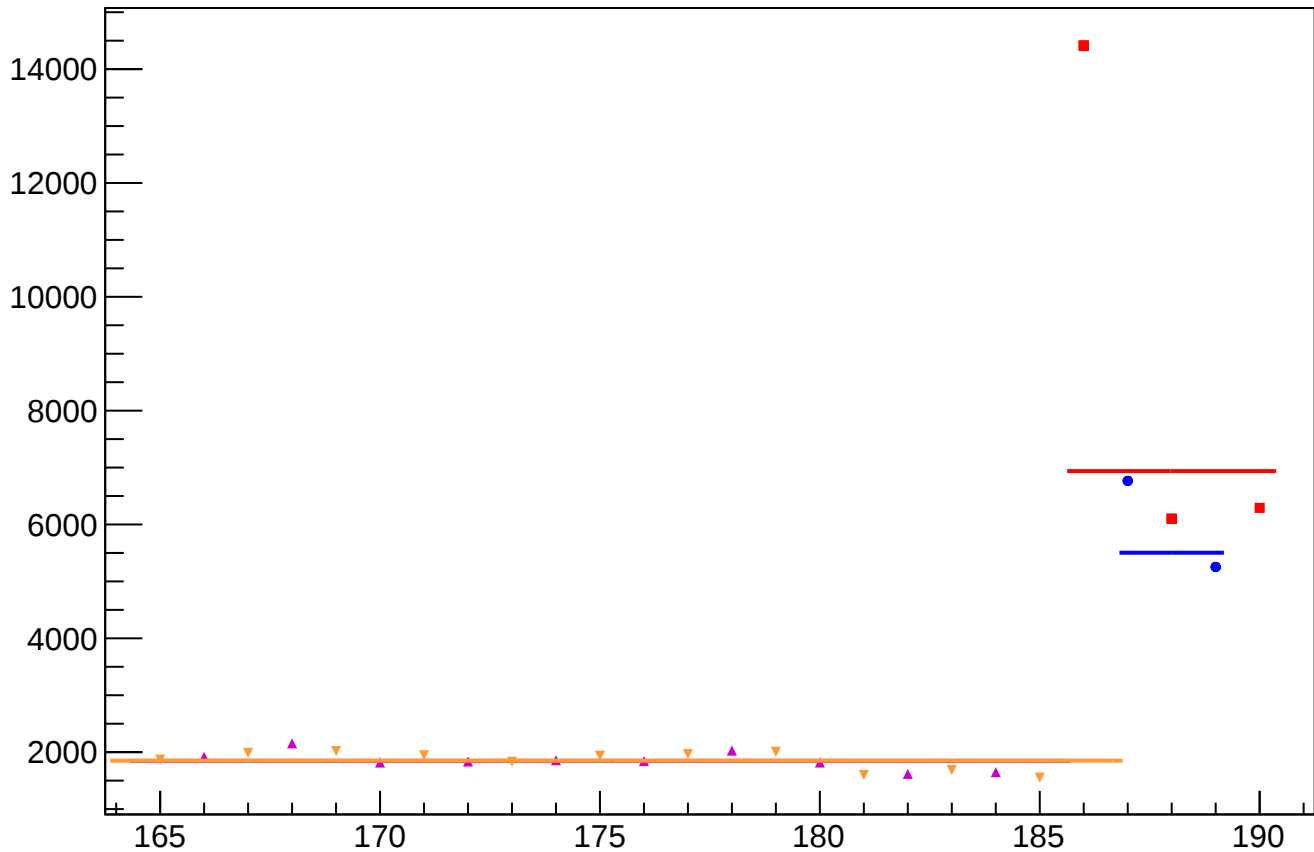
Left In: -162.274+/-690.258 χ^2/NDF : 13.4/9

+ sign -570.626+/-660.686 χ^2/NDF : 11.4/14

All: -377.125+/-475.272 χ^2/NDF : 32.2/29

- sign -169.603+/-684.204 χ^2/NDF : 20.7/14

asym_sam2_correction_rms vs Slug



Right In: 5504.296+/-3.541 χ^2/NDF : 25189.7/3

Left Out: 1850.873+/-0.471 χ^2/NDF : 111958.8/10

Right Out: 6938.121+/-3.661 χ^2/NDF : 444408.9/4

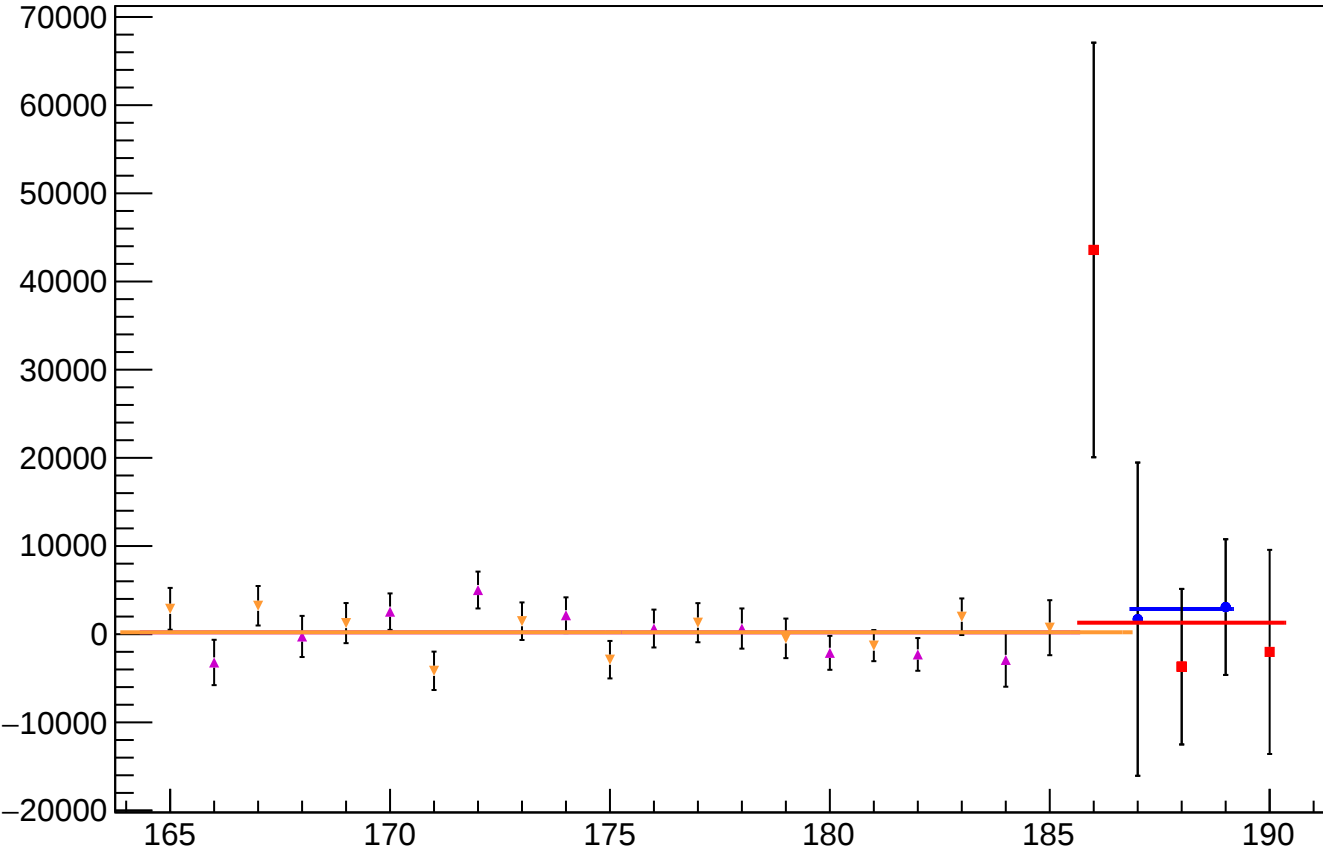
Left In: 1846.586+/-0.488 χ^2/NDF : 86944.2/9

+ sign 1914.454+/-0.467 χ^2/NDF : 1182936.9/14

All: 1924.610+/-0.336 χ^2/NDF : 3615638.5/29

- sign 1935.503+/-0.484 χ^2/NDF : 2431722.1/14

asym_sam2_mean vs Slug



Right In: 2858.476+/-4993.577 χ^2/NDF : 0.0/3

Left Out: 218.283+/-662.099 $\chi^2/\text{NDF}: 11.6/10$

Right Out: 1304.203 ± 5213.766 χ^2/NDF : 7.2/4

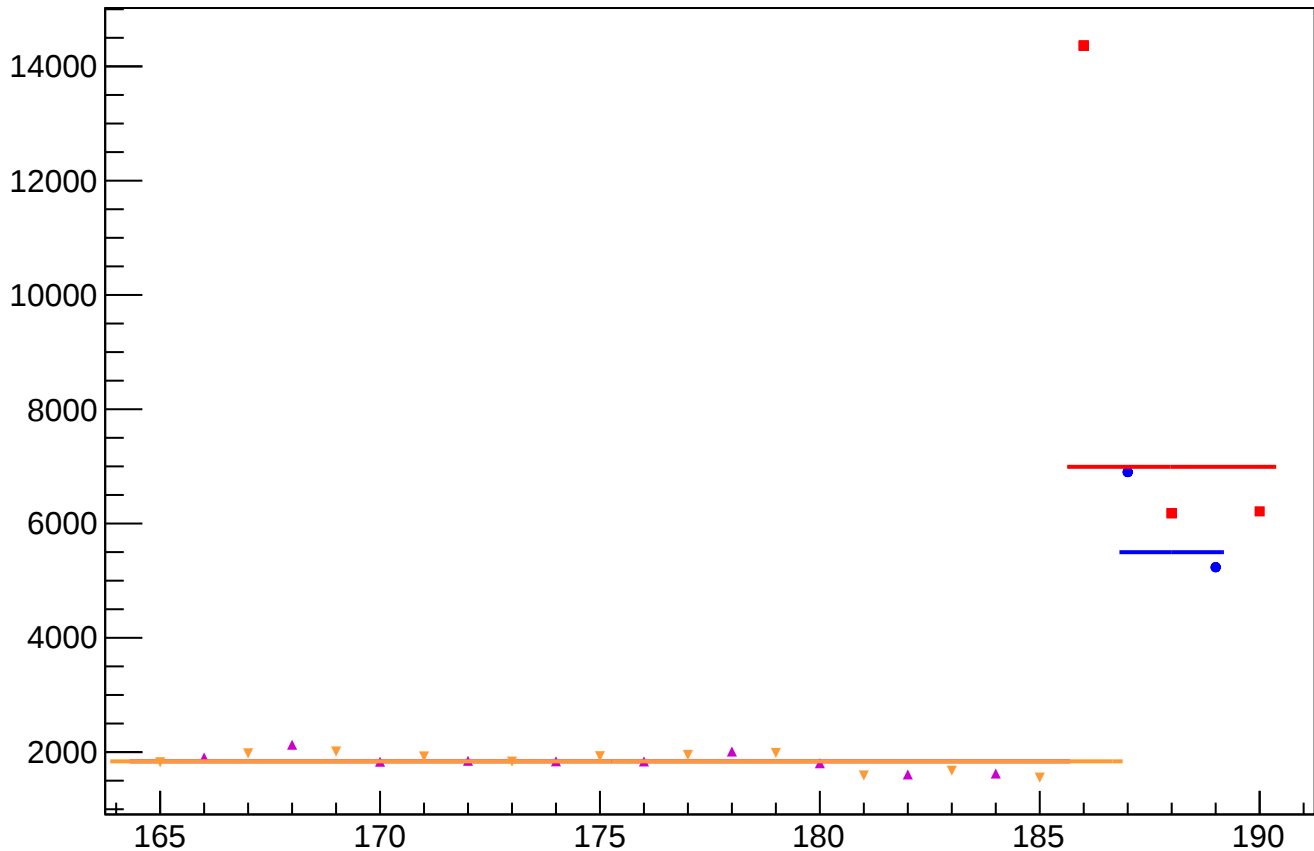
Left In: 212.218+/-687.160 χ^2/NDF :13.7/9

+ sign 263.896+/-656.355 χ^2/NDF : 11.9/14

All: 247.994+/-472.675 χ^2/NDF : 32.8/29

- sign 230.863+/-681.268 χ^2/NDF : 20.9/14

asym_sam2_rms vs Slug



Right In: 5498.355+/-3.531 χ^2/NDF : 29591.5/3

Left Out: 1838.470+/-0.468 χ^2/NDF : 108301.0/10

Right Out: 6992.394+/-3.687 χ^2/NDF : 436132.7/4

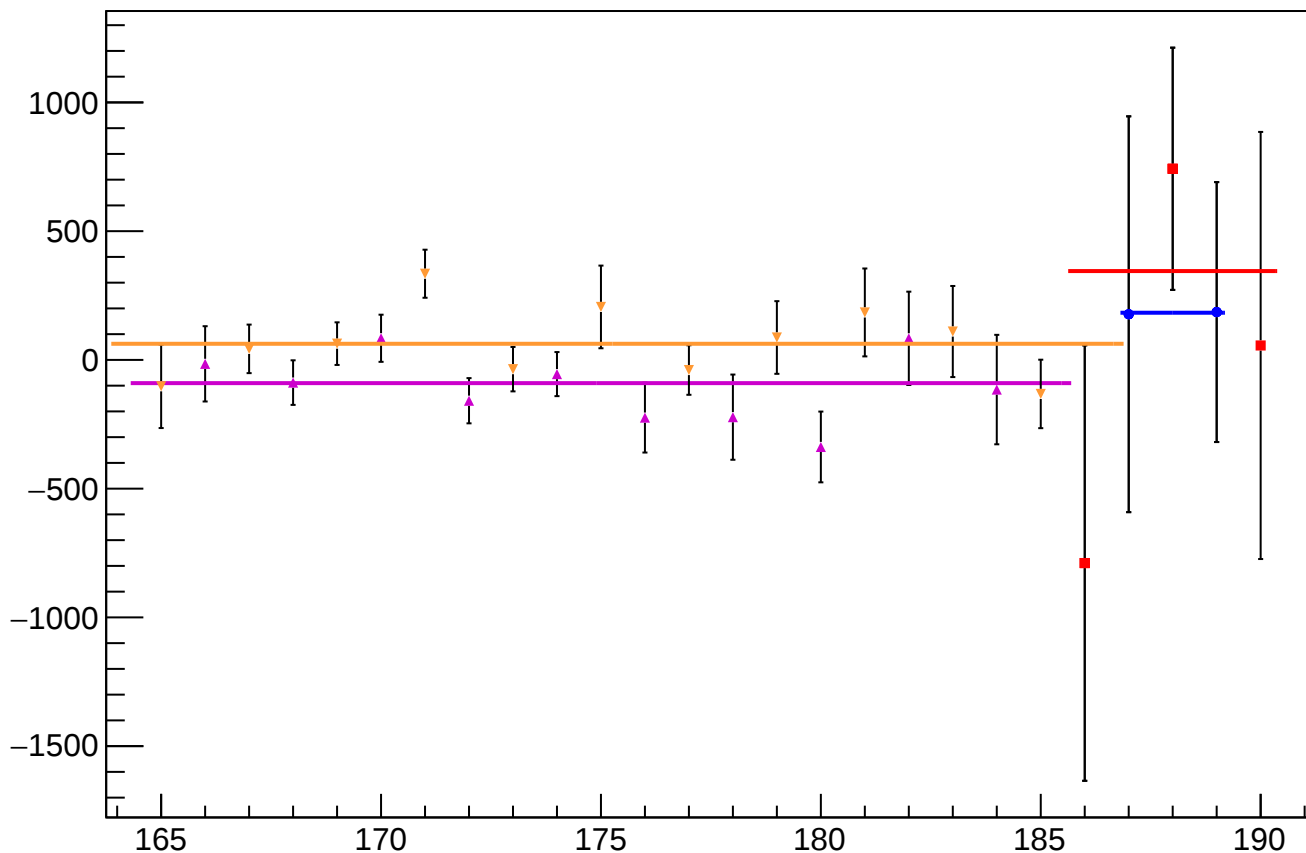
Left In: 1838.085+/-0.486 χ^2/NDF : 84812.2/9

+ sign 1901.699+/-0.464 χ^2/NDF : 1193670.9/14

All: 1913.440+/-0.334 χ^2/NDF : 3637216.4/29

- sign 1926.089+/-0.482 χ^2/NDF : 2442216.2/14

dit_asym_sam3_mean vs Slug



Right In: 183.228 ± 298.338 χ^2/NDF : 0.0/3

Left Out: 62.635 ± 33.983 χ^2/NDF : 15.6/10

Right Out: 345.042 ± 274.302 χ^2/NDF : 5.1/4

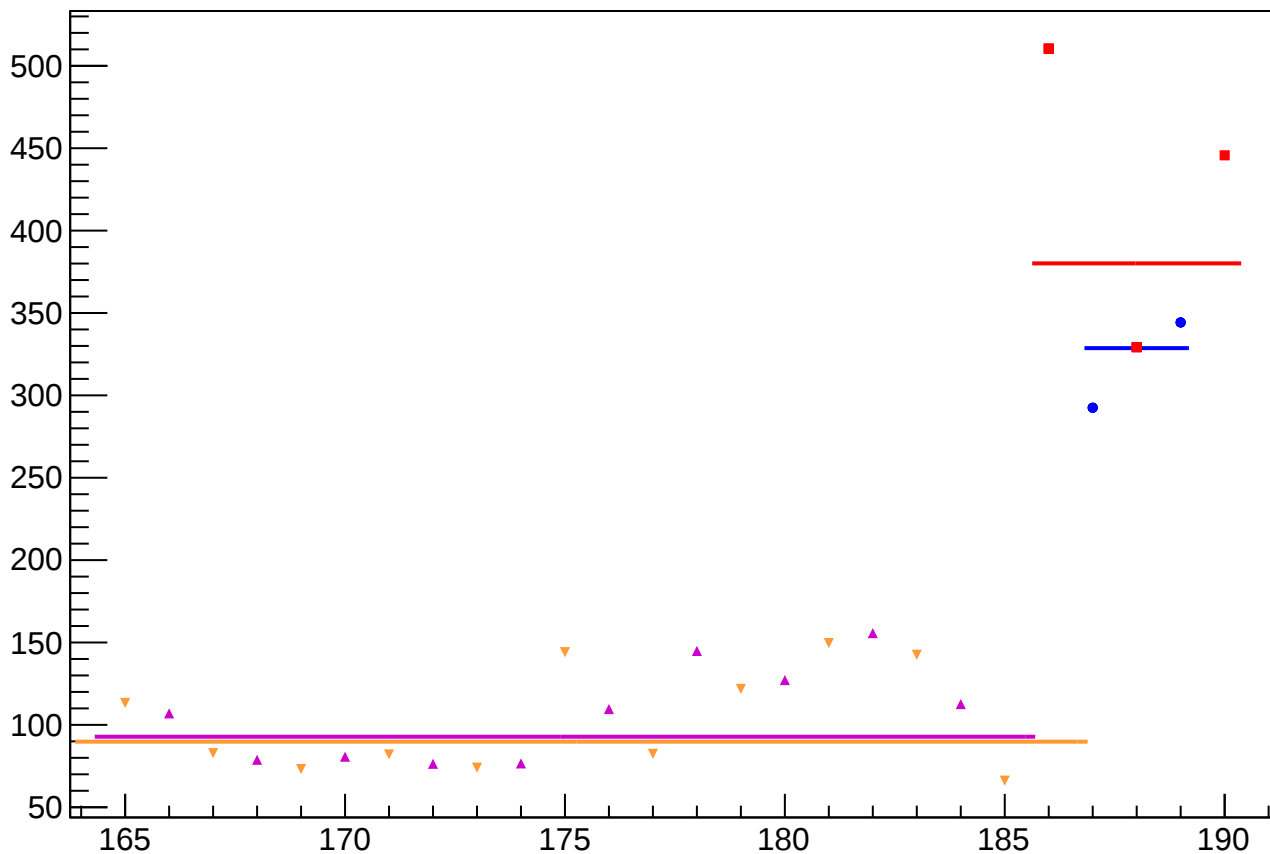
Left In: -90.173 ± 36.223 χ^2/NDF : 10.5/9

+ sign 64.180 ± 33.764 χ^2/NDF : 15.7/14

All: -4.745 ± 24.599 χ^2/NDF : 42.7/29

- sign -82.713 ± 35.911 χ^2/NDF : 18.1/14

dit_asym_sam3_rms vs Slug



Right In: 328.670 ± 0.211 χ^2/NDF : 12672.5/3

Left Out: 89.805 ± 0.024 χ^2/NDF : 1044820.1/10

Right Out: 380.109 ± 0.194 χ^2/NDF : 154281.3/4

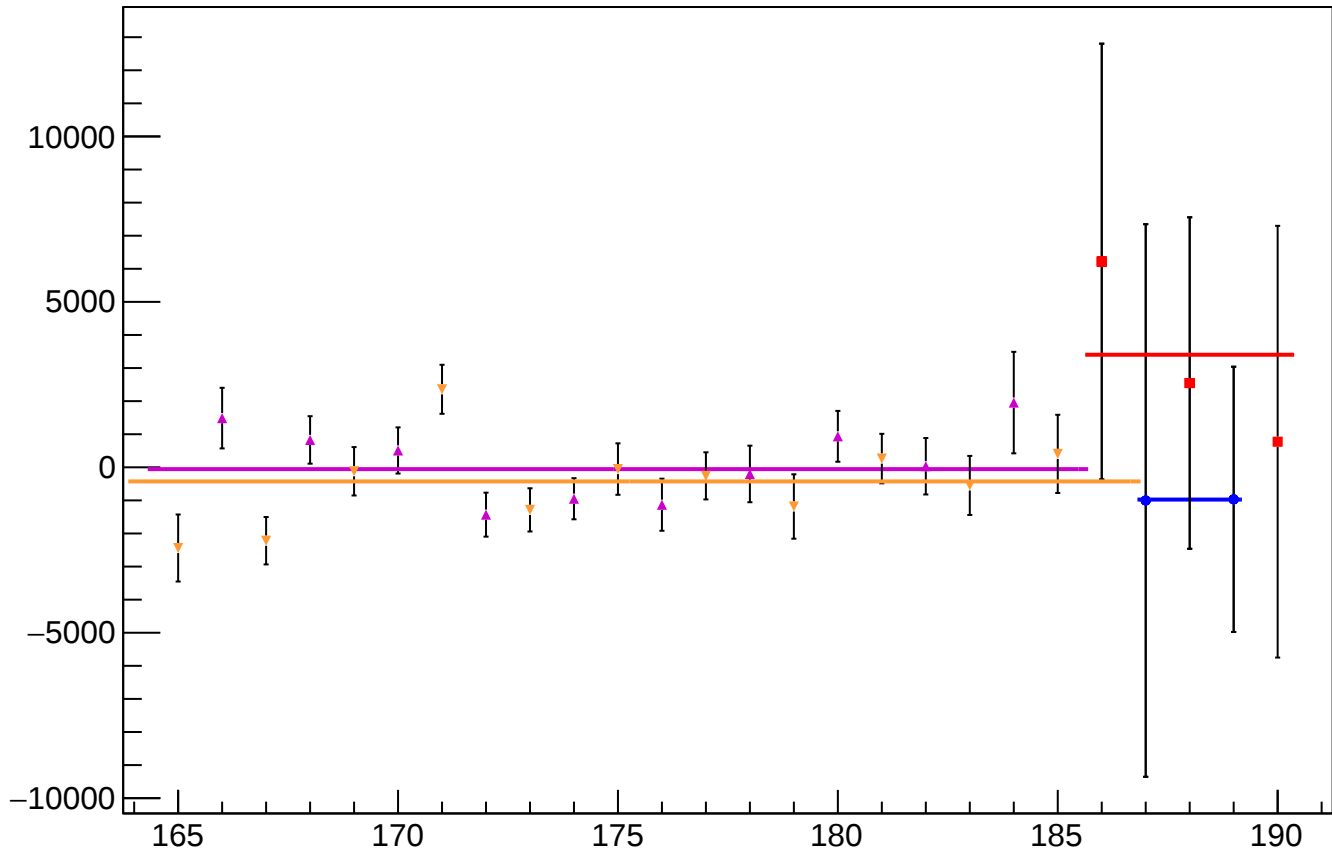
Left In: 92.815 ± 0.026 χ^2/NDF : 859762.7/9

+ sign 92.865 ± 0.024 χ^2/NDF : 2323164.7/14

All: 95.152 ± 0.017 χ^2/NDF : 5513091.2/29

- sign 97.739 ± 0.025 χ^2/NDF : 3170366.9/14

asym_sam3_correction_mean vs Slug



Right In: -974.643 ± 2555.216 χ^2/NDF : 0.0/3

Left Out: -426.103 ± 239.762 χ^2/NDF : 28.5/10

Right Out: 3402.395 ± 2588.031 χ^2/NDF : 0.6/4

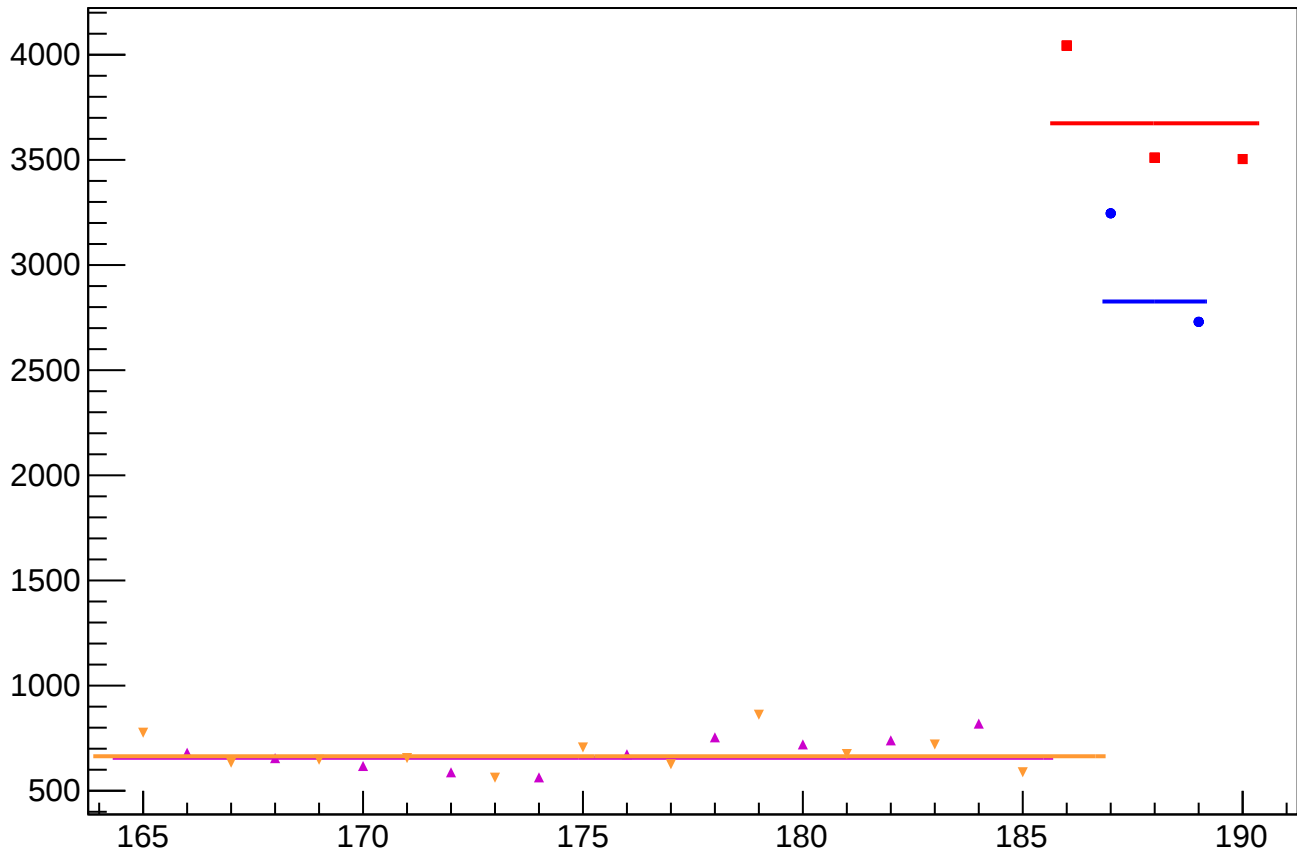
Left In: -54.870 ± 246.034 χ^2/NDF : 16.7/9

+ sign -430.891 ± 238.714 χ^2/NDF : 28.5/14

All: -232.627 ± 170.951 χ^2/NDF : 49.0/29

- sign -23.904 ± 244.929 χ^2/NDF : 19.0/14

asym_sam3_correction_rms vs Slug



Right In: 2826.588 $\pm$ 1.807 χ^2 /NDF: 12403.6/3

Left Out: 664.060 $\pm$ 0.170 χ^2 /NDF: 188512.8/10

Right Out: 3673.987 $\pm$ 1.830 χ^2 /NDF: 18204.1/4

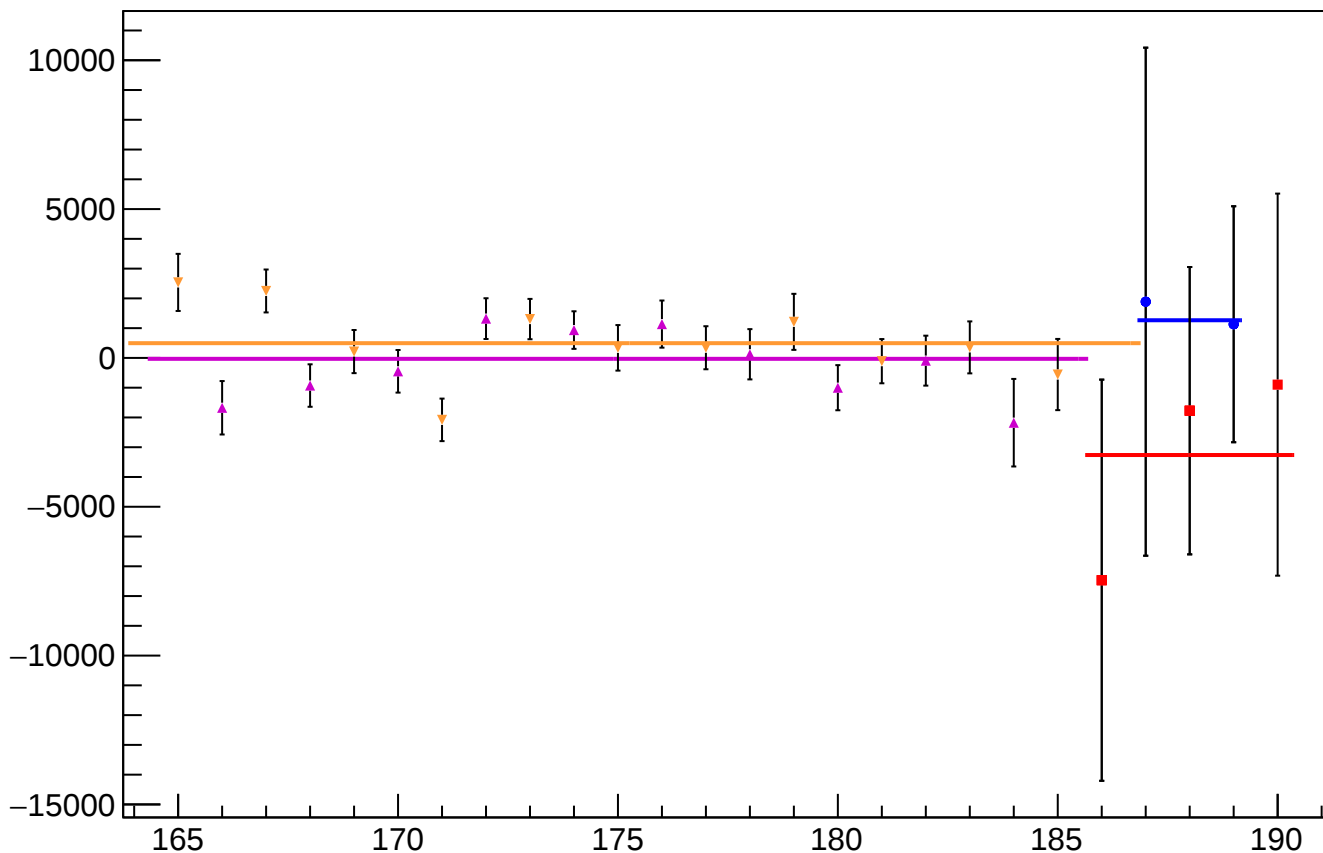
Left In: 656.822 $\pm$ 0.174 χ^2 /NDF: 155955.4/9

+ sign 682.934 $\pm$ 0.169 χ^2 /NDF: 1620925.3/14

All: 683.378 $\pm$ 0.121 χ^2 /NDF: 4489000.5/29

- sign 683.846 $\pm$ 0.173 χ^2 /NDF: 2868061.0/14

asym_sam3_mean vs Slug



Right In: 1265.443 ± 2541.961 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 495.364 ± 238.170 $\chi^2/\text{NDF}: 27.2/10$

Right Out: -3261.943 ± 2546.760 $\chi^2/\text{NDF}: 1.1/4$

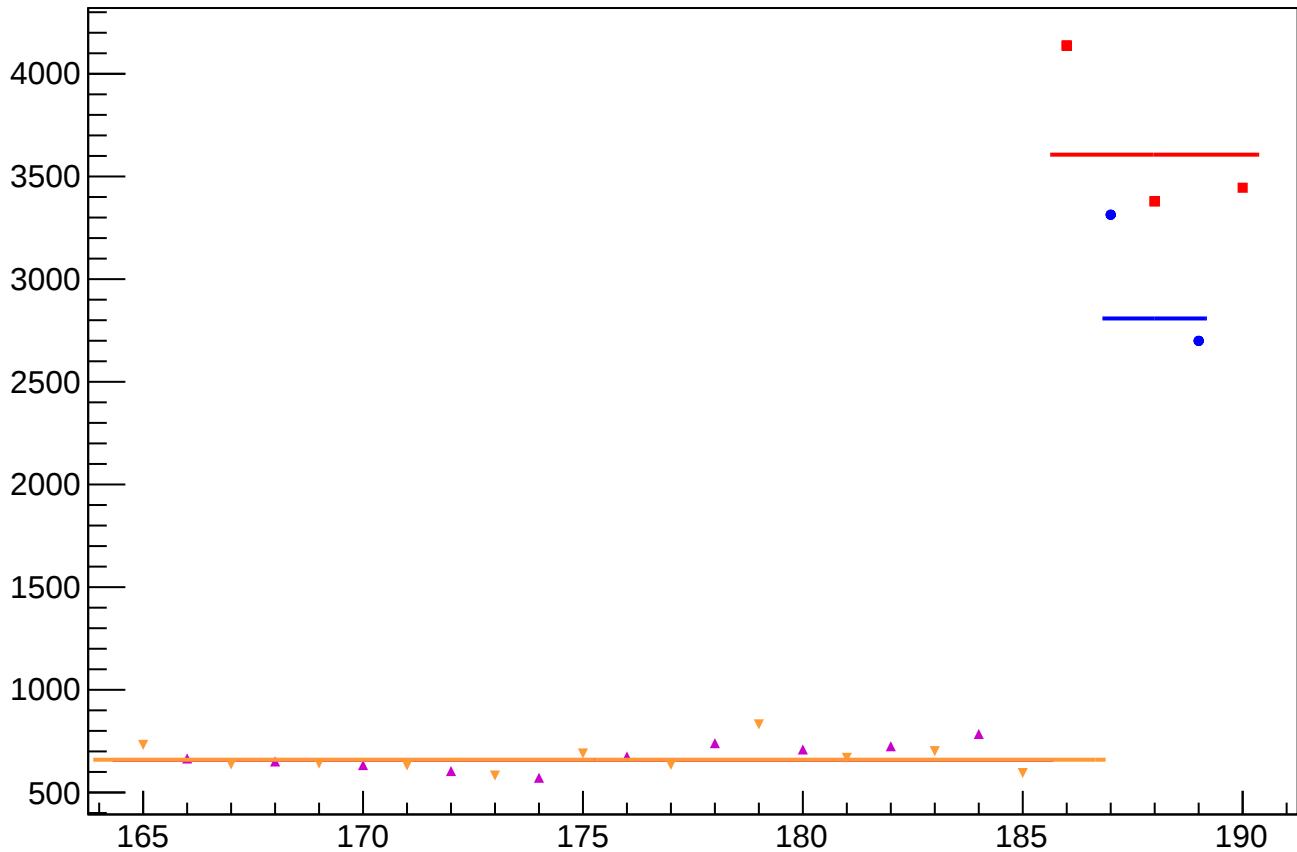
Left In: -30.568 ± 246.722 $\chi^2/\text{NDF}: 17.5/9$

+ sign 502.065 ± 237.132 $\chi^2/\text{NDF}: 27.3/14$

All: 230.562 ± 170.583 $\chi^2/\text{NDF}: 50.2/29$

- sign -60.612 ± 245.572 $\chi^2/\text{NDF}: 20.2/14$

asym_sam3_rms vs Slug



Right In: 2808.503+/-1.797 χ^2/NDF : 17044.9/3

Left Out: 659.536+/-0.168 χ^2/NDF : 126812.5/10

Right Out: 3606.284+/-1.801 χ^2/NDF : 34922.1/4

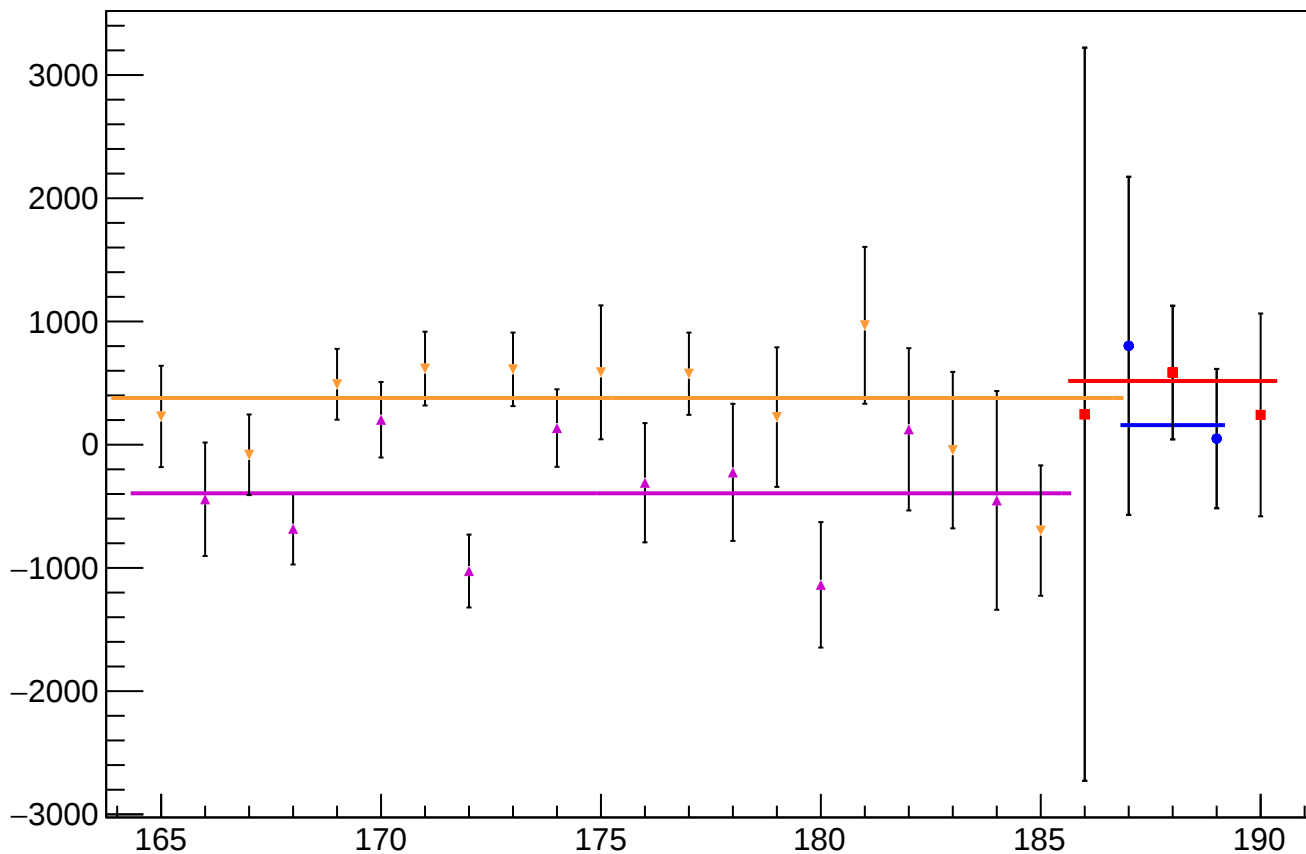
Left In: 658.324+/-0.174 χ^2/NDF : 109111.2/9

+ sign 678.237+/-0.168 χ^2/NDF : 1560810.4/14

All: 681.854+/-0.121 χ^2/NDF : 4360658.7/29

- sign 685.733+/-0.174 χ^2/NDF : 2798884.0/14

dit_asym_sam4_mean vs Slug



Right In: 158.829 $\pm$ 369.556 χ^2 /NDF: 0.5/3

Left Out: 378.689 $\pm$ 116.432 χ^2 /NDF: 9.5/10

Right Out: 516.877 $\pm$ 342.873 χ^2 /NDF: 0.2/4

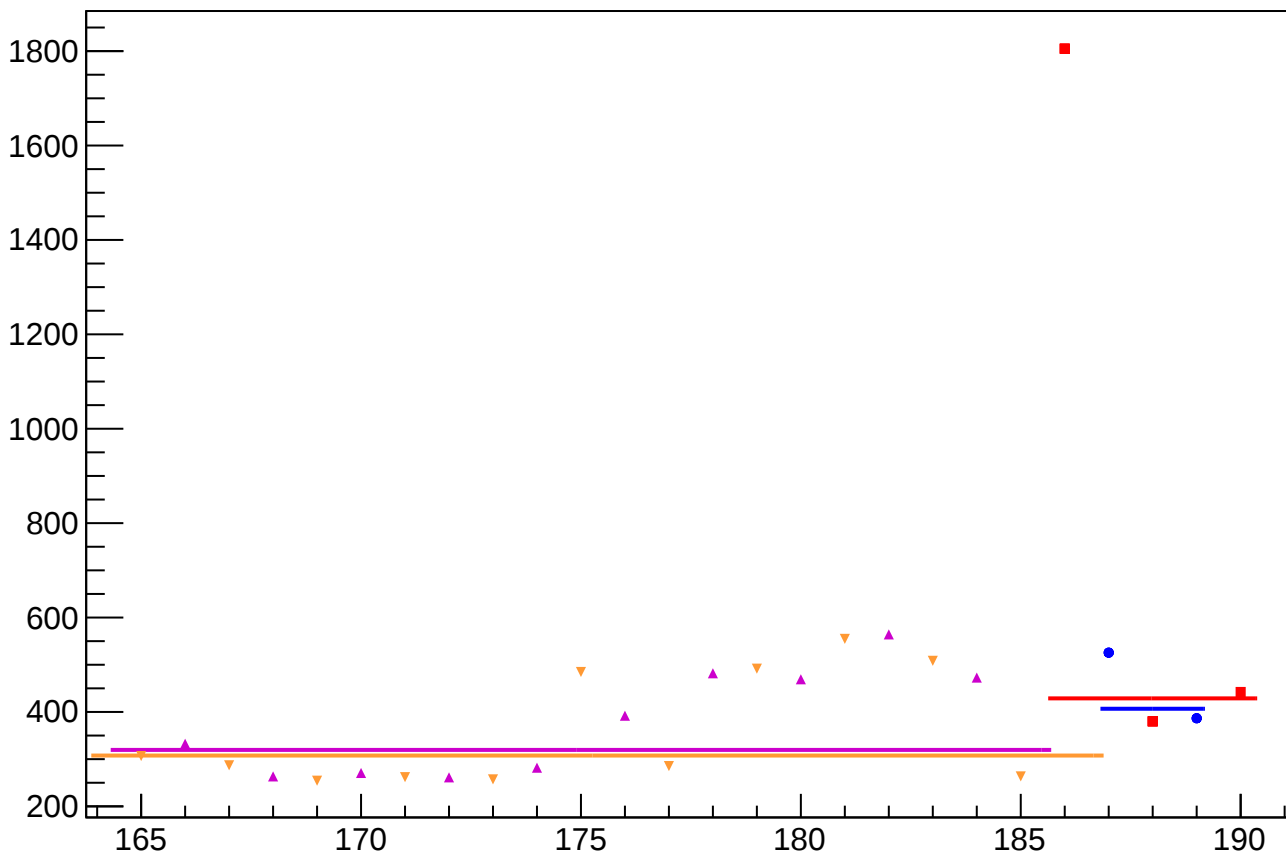
Left In: -394.373 $\pm$ 125.297 χ^2 /NDF: 15.0/9

+ sign 358.836 $\pm$ 111.051 χ^2 /NDF: 10.4/14

All: 54.623 $\pm$ 80.768 χ^2 /NDF: 47.7/29

- sign -287.020 $\pm$ 117.685 χ^2 /NDF: 21.4/14

dit_asym_sam4_rms vs Slug



Right In: 406.774 $\pm$ 0.261 χ^2 /NDF: 35132.4/3

Left Out: 307.645 $\pm$ 0.082 χ^2 /NDF: 1128501.7/10

Right Out: 428.759 $\pm$ 0.242 χ^2 /NDF: 889180.1/4

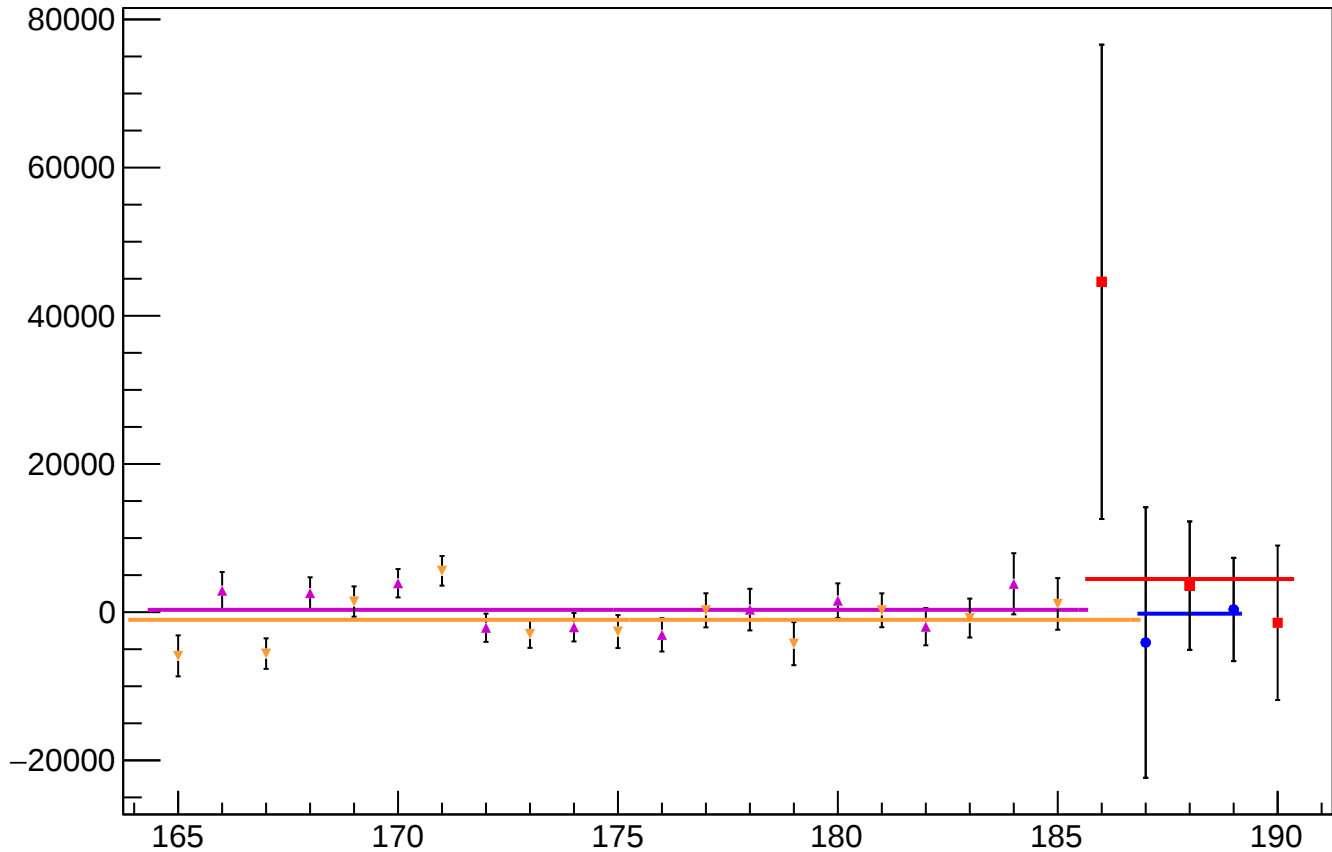
Left In: 319.590 $\pm$ 0.089 χ^2 /NDF: 956931.9/9

+ sign 316.597 $\pm$ 0.079 χ^2 /NDF: 1294541.4/14

All: 324.064 $\pm$ 0.057 χ^2 /NDF: 3338719.5/29

- sign 332.451 $\pm$ 0.083 χ^2 /NDF: 2024976.7/14

asym_sam4_correction_mean vs Slug



Right In: -203.421+/-4602.429 χ^2/NDF : 0.1/3

Left Out: -1032.316+/-695.923 χ^2/NDF : 24.2/10

Right Out: 4474.670+/-5144.200 χ^2/NDF : 3.5/4

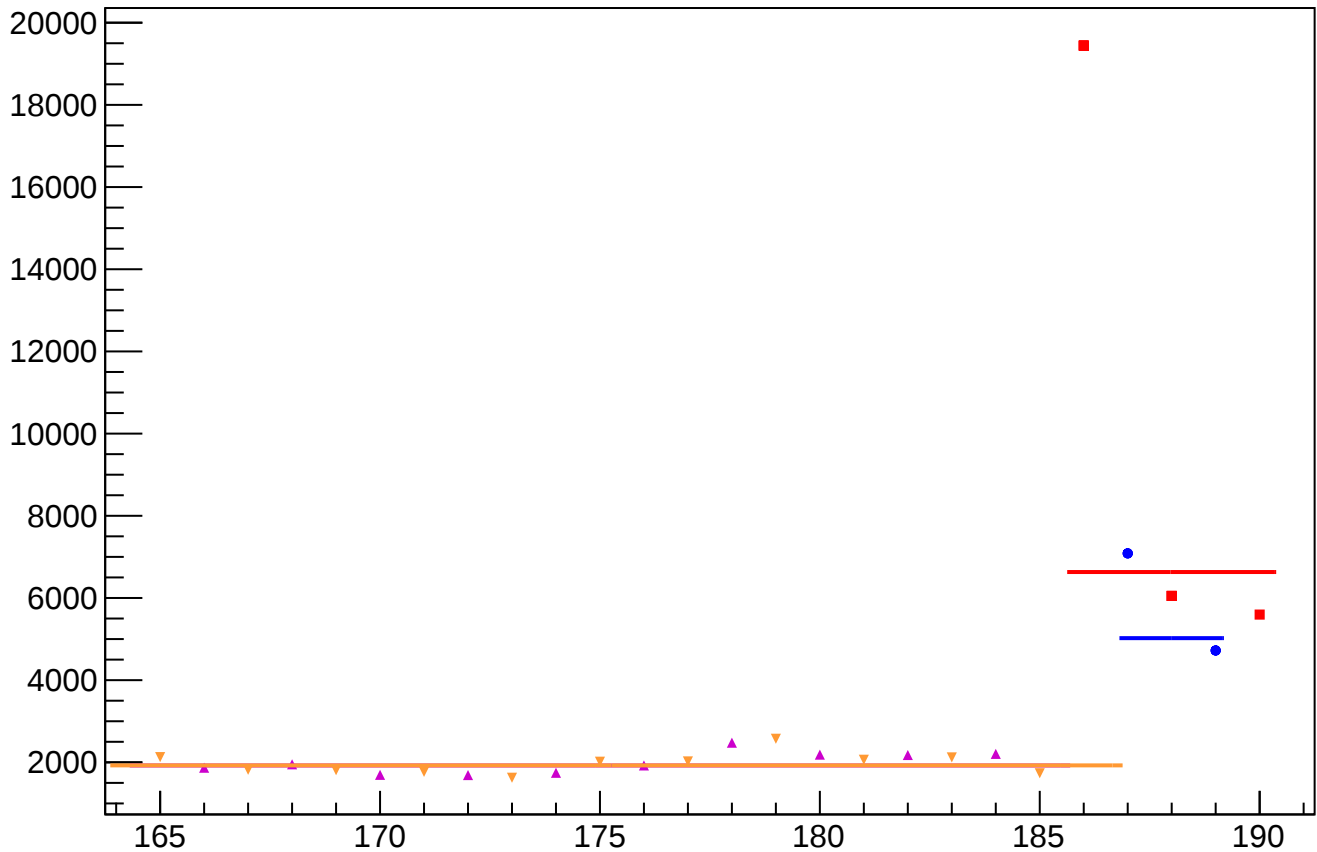
Left In: 314.305+/-721.868 χ^2/NDF : 12.8/9

+ sign -1013.788+/-688.101 χ^2/NDF : 24.3/14

All: -336.427+/-495.752 χ^2/NDF : 43.3/29

- sign 394.647+/-714.864 χ^2/NDF : 17.0/14

asym_sam4_correction_rms vs Slug



Right In: 5022.624 $\pm$ 3.254 χ^2/NDF : 58467.7/3

Left Out: 1926.180 $\pm$ 0.492 χ^2/NDF : 216155.7/10

Right Out: 6631.600 $\pm$ 3.637 χ^2/NDF : 678422.7/4

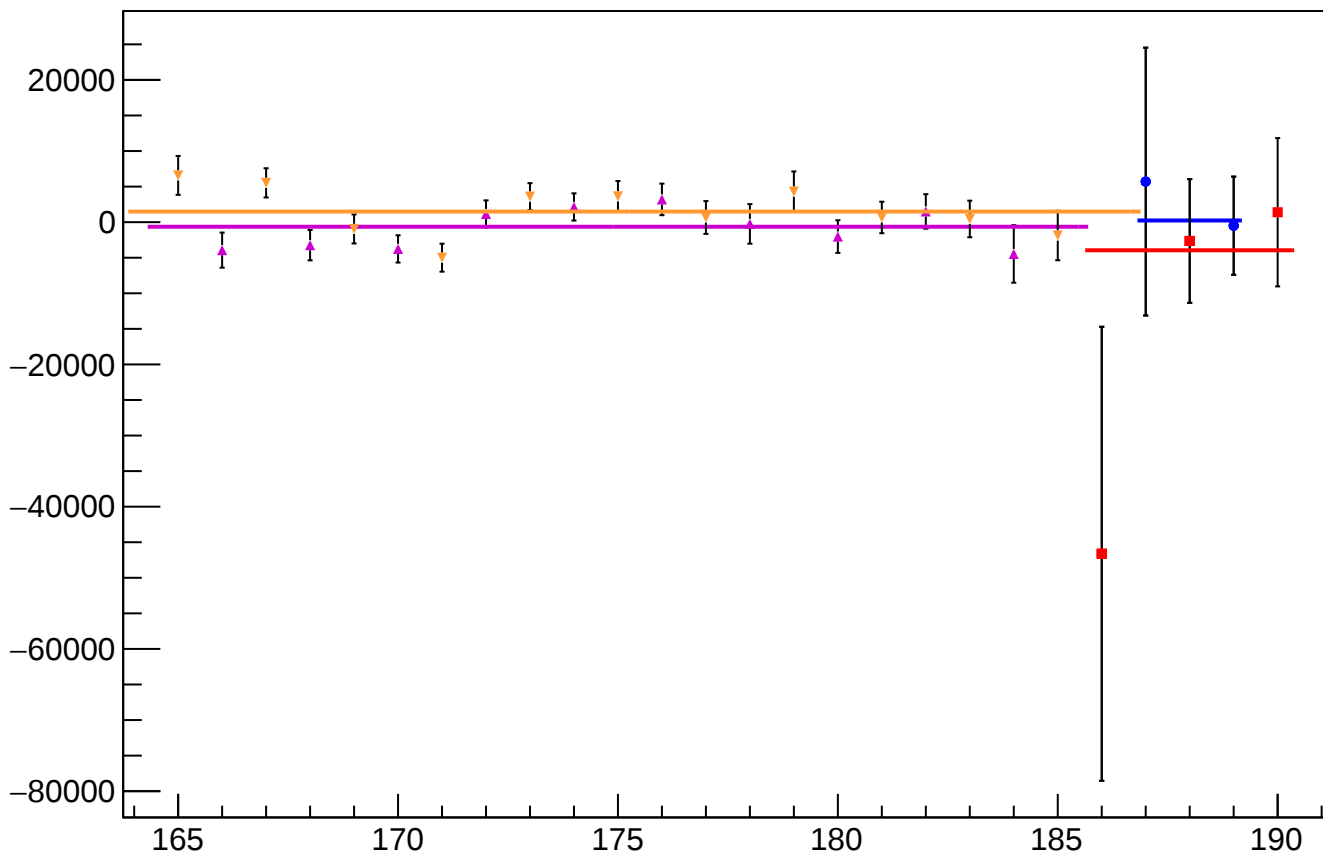
Left In: 1923.554 $\pm$ 0.510 χ^2/NDF : 209916.5/9

+ sign 1995.394 $\pm$ 0.487 χ^2/NDF : 1159666.9/14

All: 2004.569 $\pm$ 0.351 χ^2/NDF : 3691629.5/29

- sign 2014.472 $\pm$ 0.505 χ^2/NDF : 2531223.1/14

asym_sam4_mean vs Slug



Right In: 237.668 ± 4582.411 $\chi^2/\text{NDF}: 0.2/3$

Left Out: 1491.616 ± 688.085 $\chi^2/\text{NDF}: 24.2/10$

Right Out: -3952.309 ± 5157.219 $\chi^2/\text{NDF}: 3.9/4$

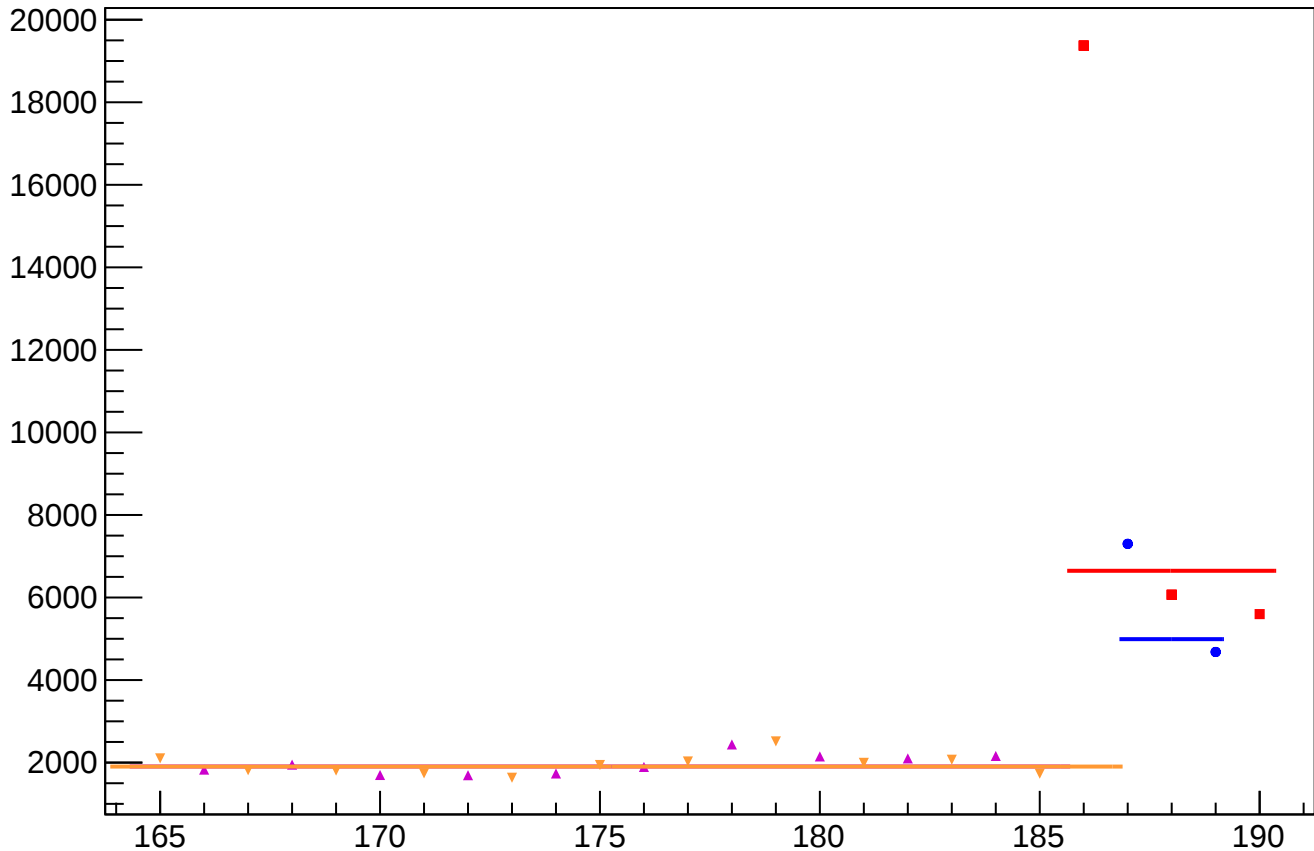
Left In: -645.092 ± 715.402 $\chi^2/\text{NDF}: 13.9/9$

+ sign 1463.967 ± 680.456 $\chi^2/\text{NDF}: 24.4/14$

All: 422.222 ± 490.809 $\chi^2/\text{NDF}: 47.6/29$

- sign -707.531 ± 708.617 $\chi^2/\text{NDF}: 18.2/14$

asym_sam4_rms vs Slug



Right In: 4991.060 +/- 3.240 χ^2/NDF : 68270.5/3

Left Out: 1903.690 +/- 0.487 χ^2/NDF : 188624.5/10

Right Out: 6647.596 +/- 3.647 χ^2/NDF : 673958.0/4

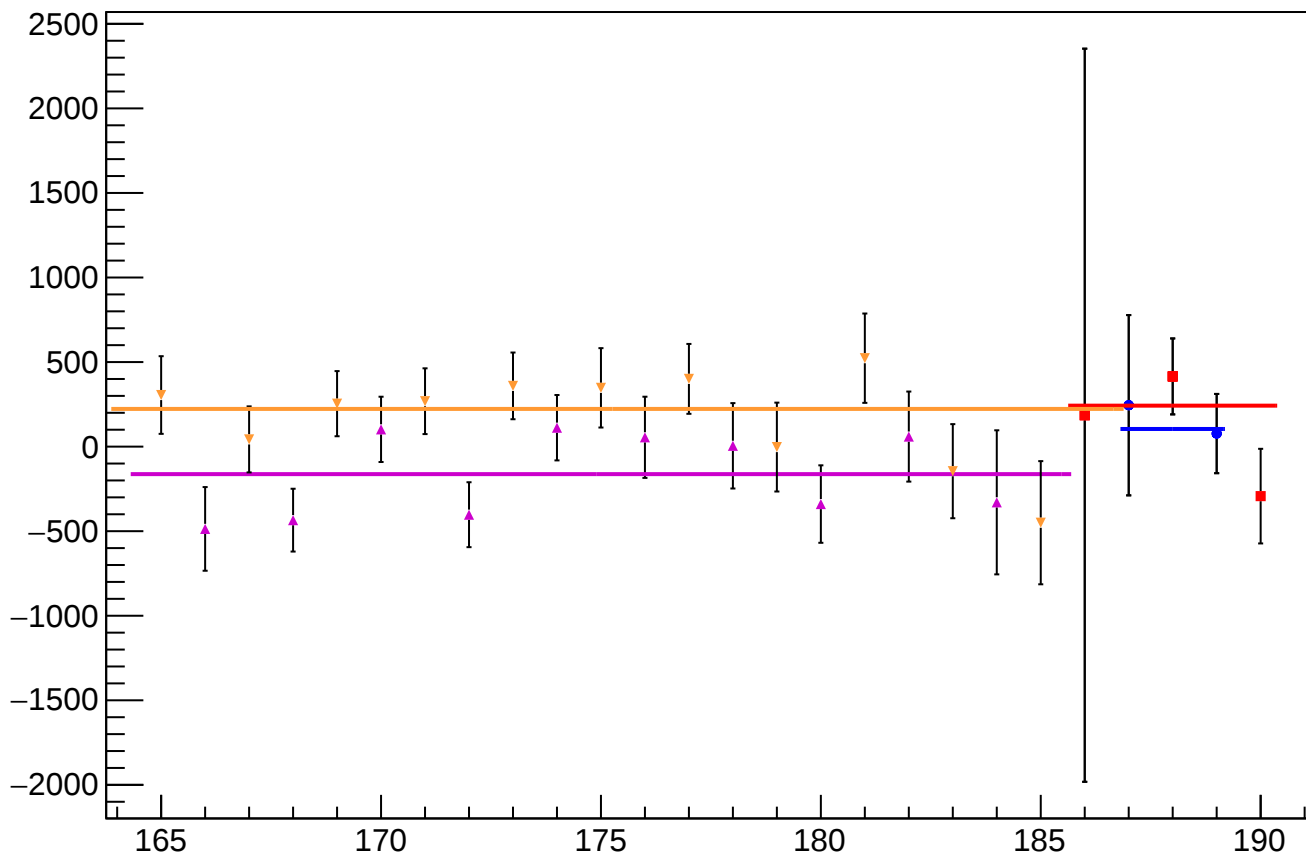
Left In: 1905.662 +/- 0.506 χ^2/NDF : 183089.4/9

+ sign 1971.768 +/- 0.481 χ^2/NDF : 1144737.3/14

All: 1983.003 +/- 0.347 χ^2/NDF : 3661867.0/29

- sign 1995.188 +/- 0.501 χ^2/NDF : 2515993.1/14

dit_asym_sam5_mean vs Slug



Right In: 104.388 ± 151.695 χ^2/NDF : 0.2/3

Left Out: 222.979 ± 68.167 χ^2/NDF : 9.8/10

Right Out: 242.282 ± 137.522 χ^2/NDF : 4.8/4

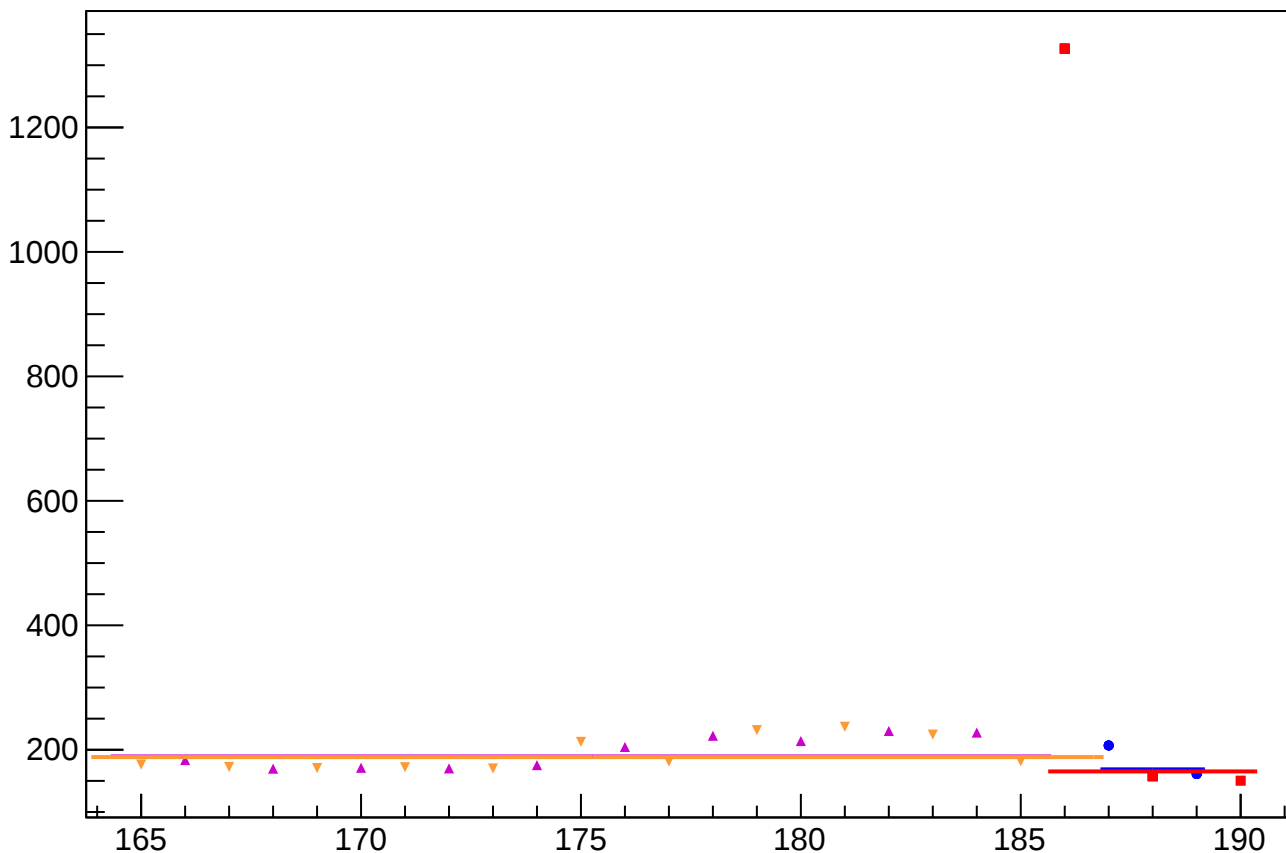
Left In: -162.631 ± 71.103 χ^2/NDF : 12.0/9

+ sign 203.054 ± 62.178 χ^2/NDF : 10.4/14

All: 65.113 ± 44.310 χ^2/NDF : 44.1/29

- sign -77.221 ± 63.160 χ^2/NDF : 23.7/14

dit_asym_sam5_rms vs Slug



Right In: 168.522 $\pm$ 0.107 χ^2 /NDF: 24780.8/3

Left Out: 188.257 $\pm$ 0.048 χ^2 /NDF: 247319.6/10

Right Out: 165.193 $\pm$ 0.097 χ^2 /NDF: 1158857.1/4

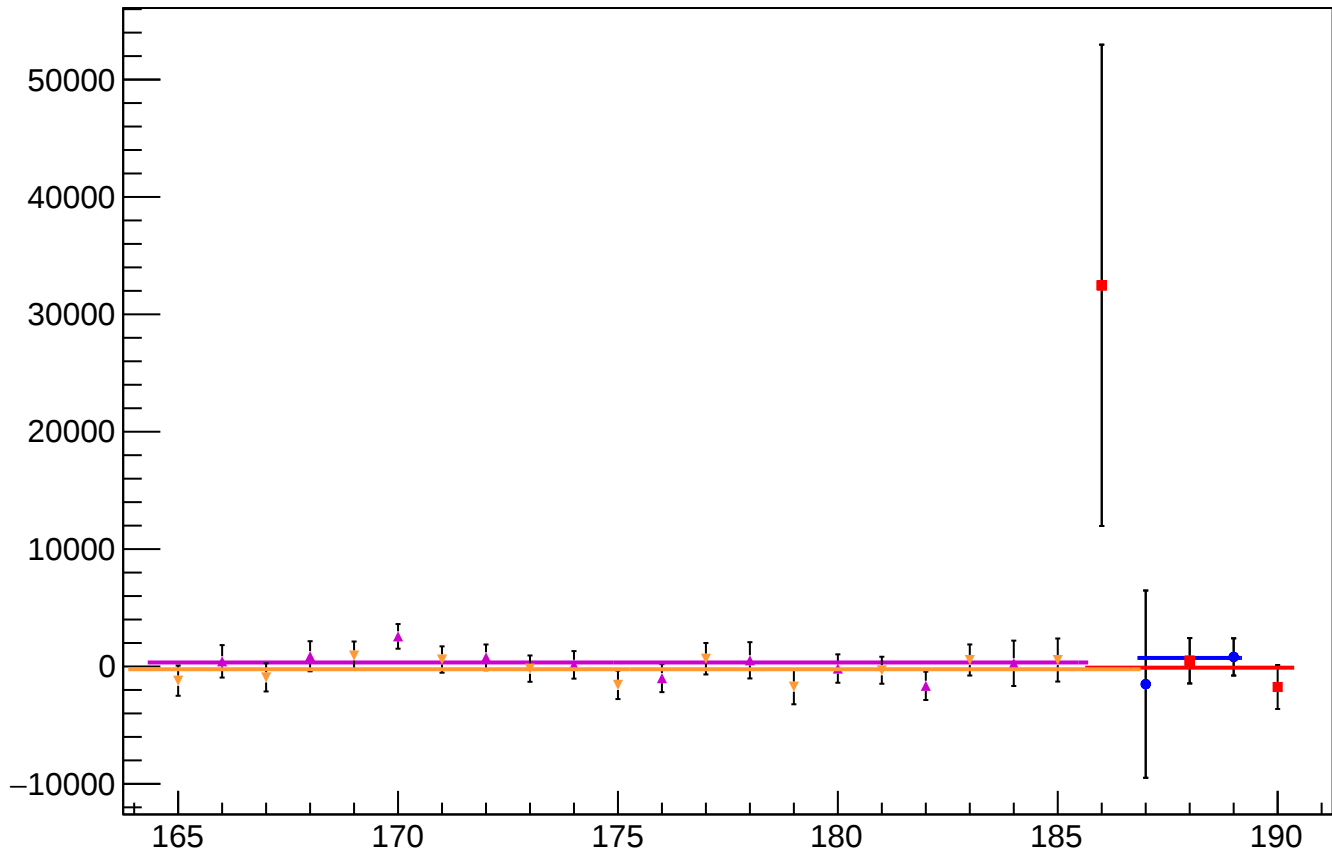
Left In: 189.309 $\pm$ 0.050 χ^2 /NDF: 201269.5/9

+ sign 184.941 $\pm$ 0.044 χ^2 /NDF: 300262.1/14

All: 184.587 $\pm$ 0.031 χ^2 /NDF: 1709048.1/29

- sign 184.222 $\pm$ 0.045 χ^2 /NDF: 1408654.2/14

asym_sam5_correction_mean vs Slug



Right In: 726.951 $\pm$ 1099.662 χ^2 /NDF: 0.2/3

Left Out: -236.160 $\pm$ 381.031 χ^2 /NDF: 5.6/10

Right Out: -100.772 $\pm$ 1101.023 χ^2 /NDF: 6.0/4

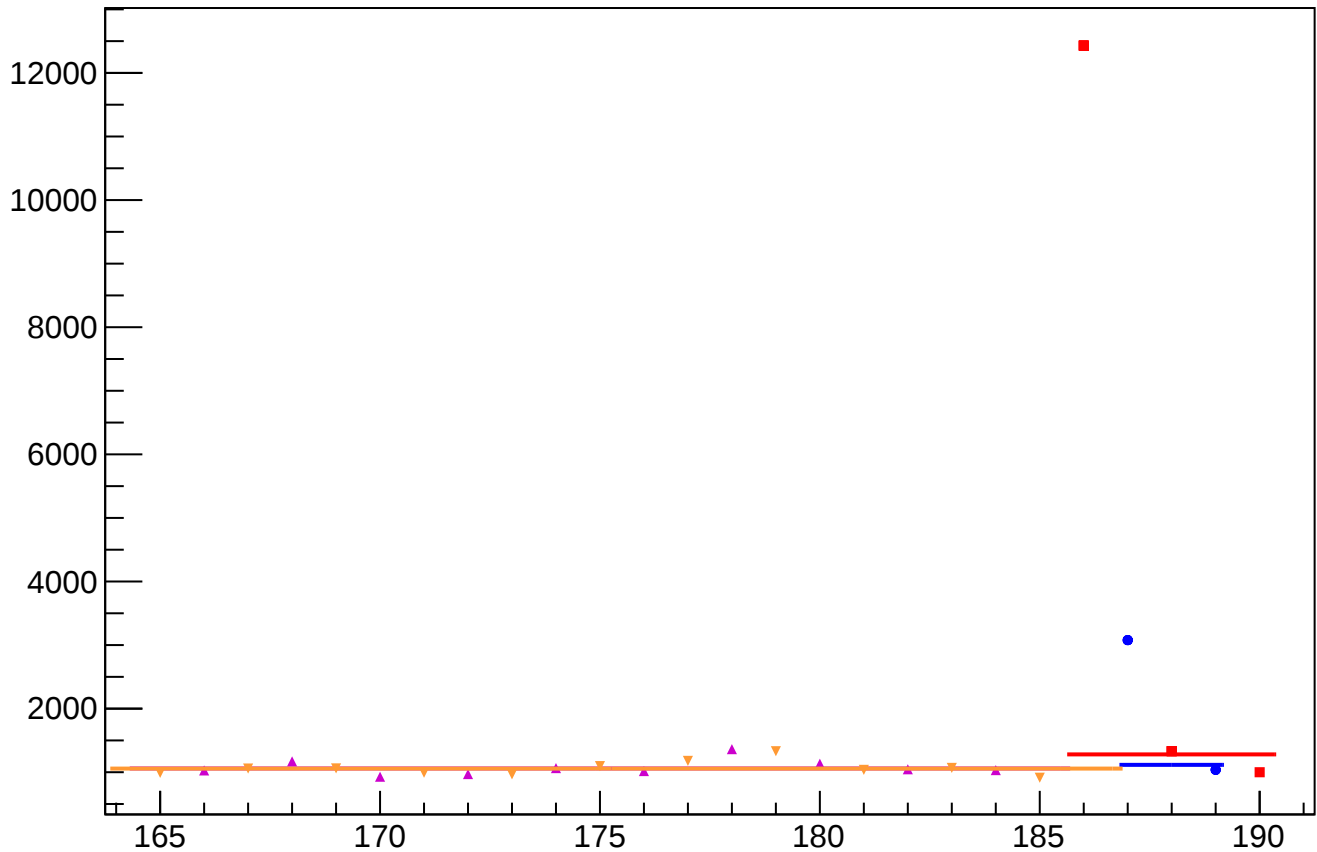
Left In: 341.702 $\pm$ 396.561 χ^2 /NDF: 9.0/9

+ sign -132.922 $\pm$ 360.031 χ^2 /NDF: 6.4/14

All: 71.433 $\pm$ 259.077 χ^2 /NDF: 22.3/29

- sign 290.893 $\pm$ 373.099 χ^2 /NDF: 15.2/14

asym_sam5_correction_rms vs Slug



Right In: 1115.696 $\pm$ 0.778 χ^2 /NDF: 251481.0/3

Left Out: 1057.138 $\pm$ 0.269 χ^2 /NDF: 122863.2/10

Right Out: 1280.243 $\pm$ 0.779 χ^2 /NDF: 1230675.8/4

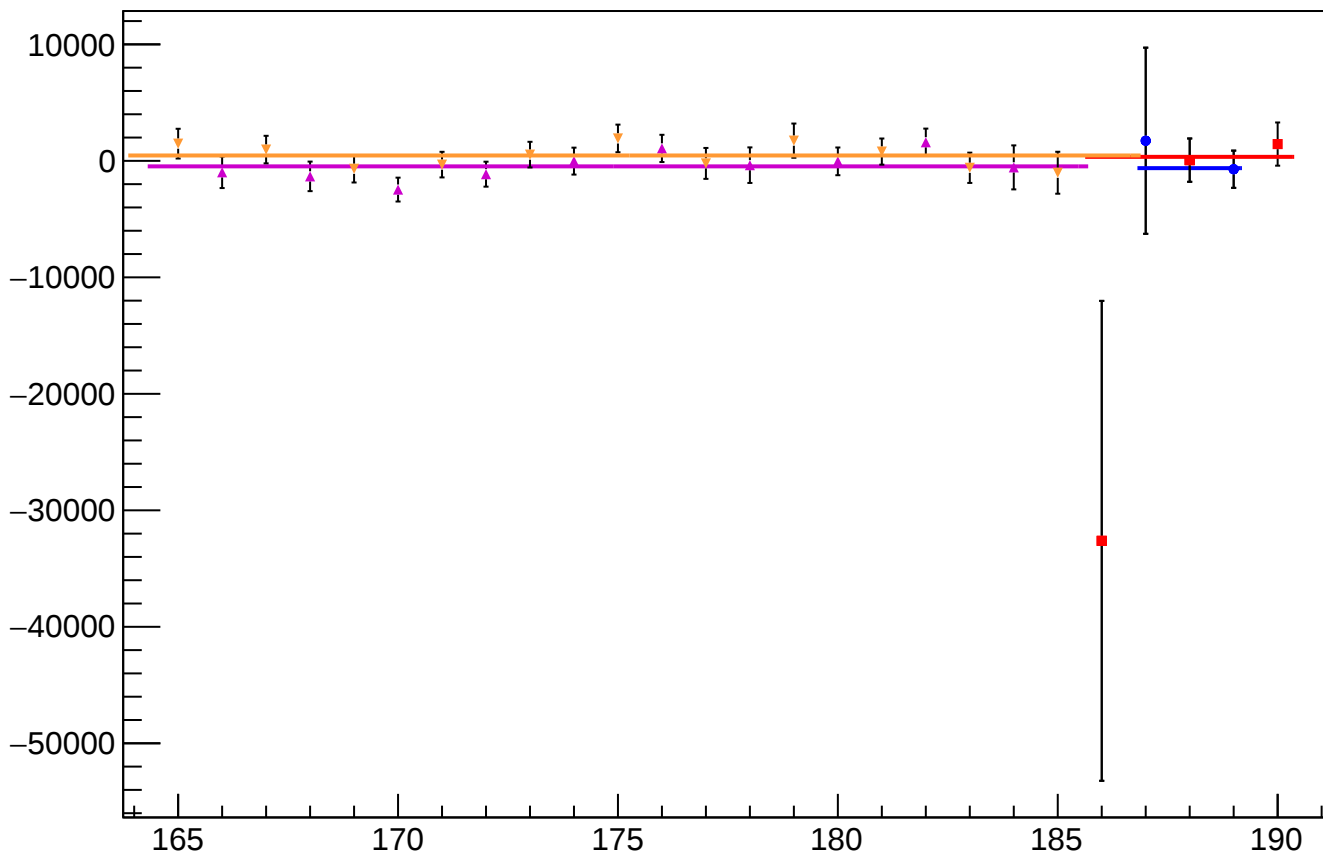
Left In: 1058.775 $\pm$ 0.280 χ^2 /NDF: 147556.2/9

+ sign 1063.415 $\pm$ 0.255 χ^2 /NDF: 379407.5/14

All: 1073.440 $\pm$ 0.183 χ^2 /NDF: 1832484.0/29

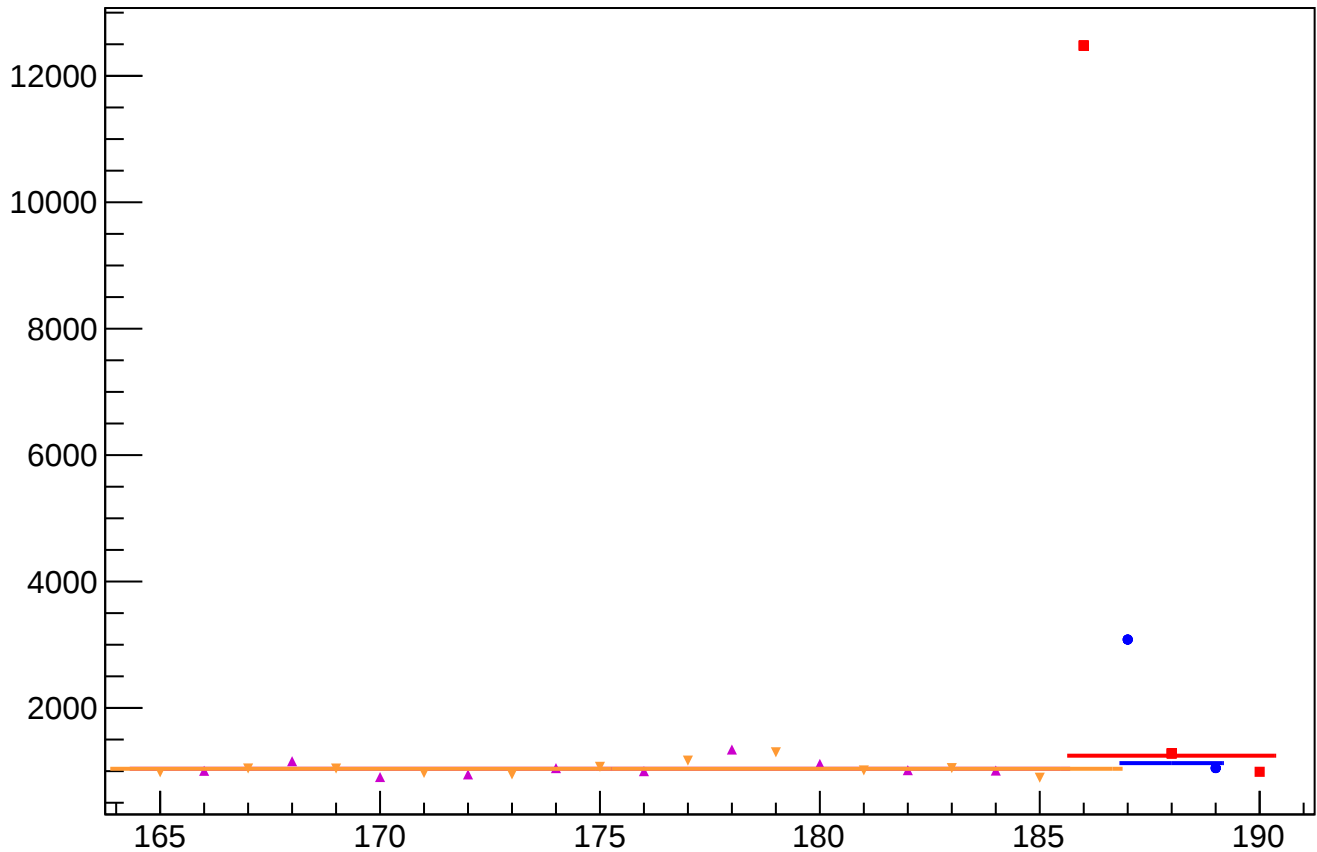
- sign 1084.206 $\pm$ 0.264 χ^2 /NDF: 1449860.4/14

asym_sam5_mean vs Slug



+ sign 350.903 $\pm$ 354.459 χ^2 /NDF: 7.3/14
All: -2.225 $\pm$ 254.418 χ^2 /NDF: 25.3/29
- sign -377.474 $\pm$ 365.393 χ^2 /NDF: 16.0/14

asym_sam5_rms vs Slug



Right In: 1126.817 $\pm$ 0.784 χ^2 /NDF: 249126.3/3

Left Out: 1037.356 $\pm$ 0.265 χ^2 /NDF: 121377.2/10

Right Out: 1244.486 $\pm$ 0.756 χ^2 /NDF: 1229106.2/4

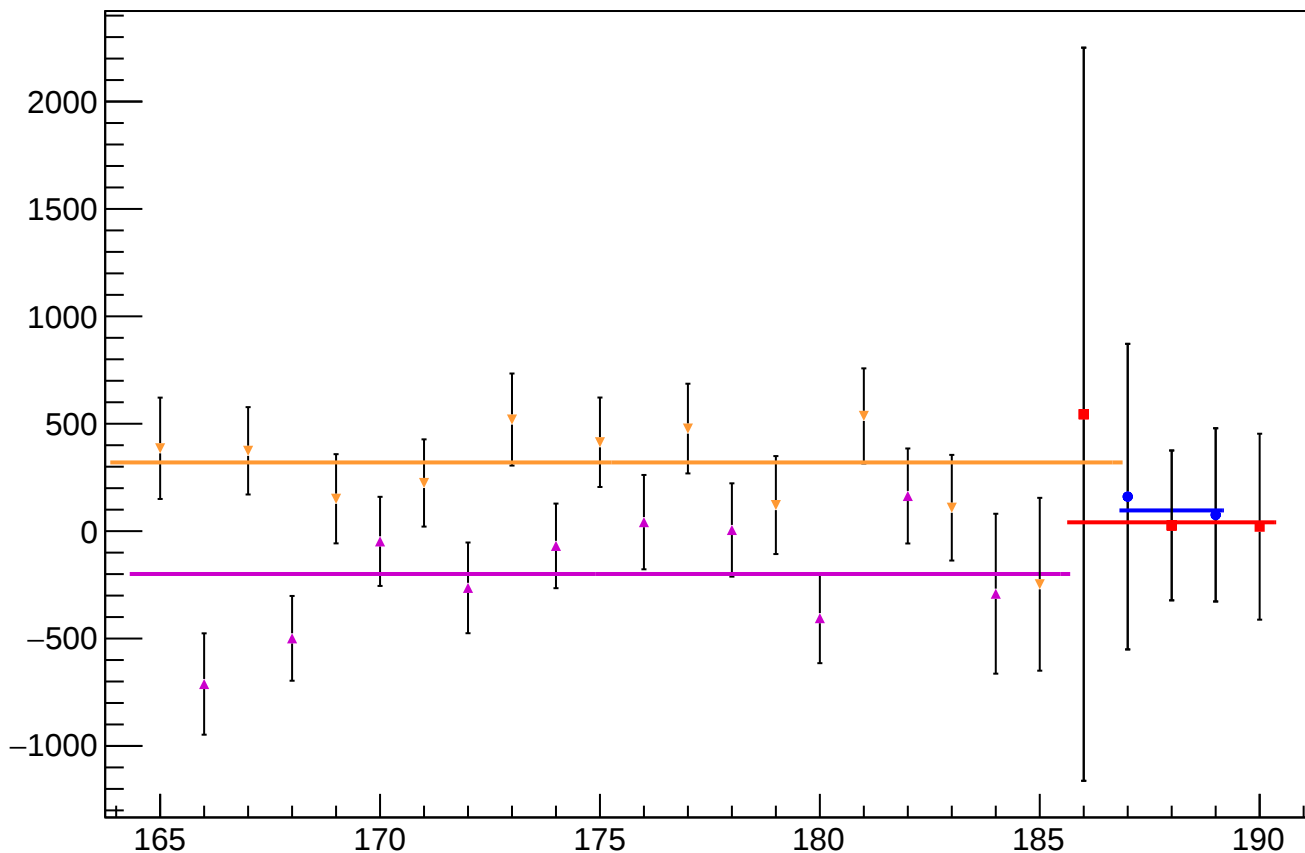
Left In: 1037.117 $\pm$ 0.275 χ^2 /NDF: 156541.1/9

+ sign 1046.511 $\pm$ 0.251 χ^2 /NDF: 382206.4/14

All: 1053.690 $\pm$ 0.180 χ^2 /NDF: 1835950.4/29

- sign 1061.318 $\pm$ 0.258 χ^2 /NDF: 1452051.8/14

dit_asym_sam6_mean vs Slug



Right In: 96.451 $\pm$ 248.048 χ^2 /NDF: 0.0/3

Left Out: 319.869 $\pm$ 67.461 χ^2 /NDF: 7.1/10

Right Out: 41.074 $\pm$ 210.968 χ^2 /NDF: 0.2/4

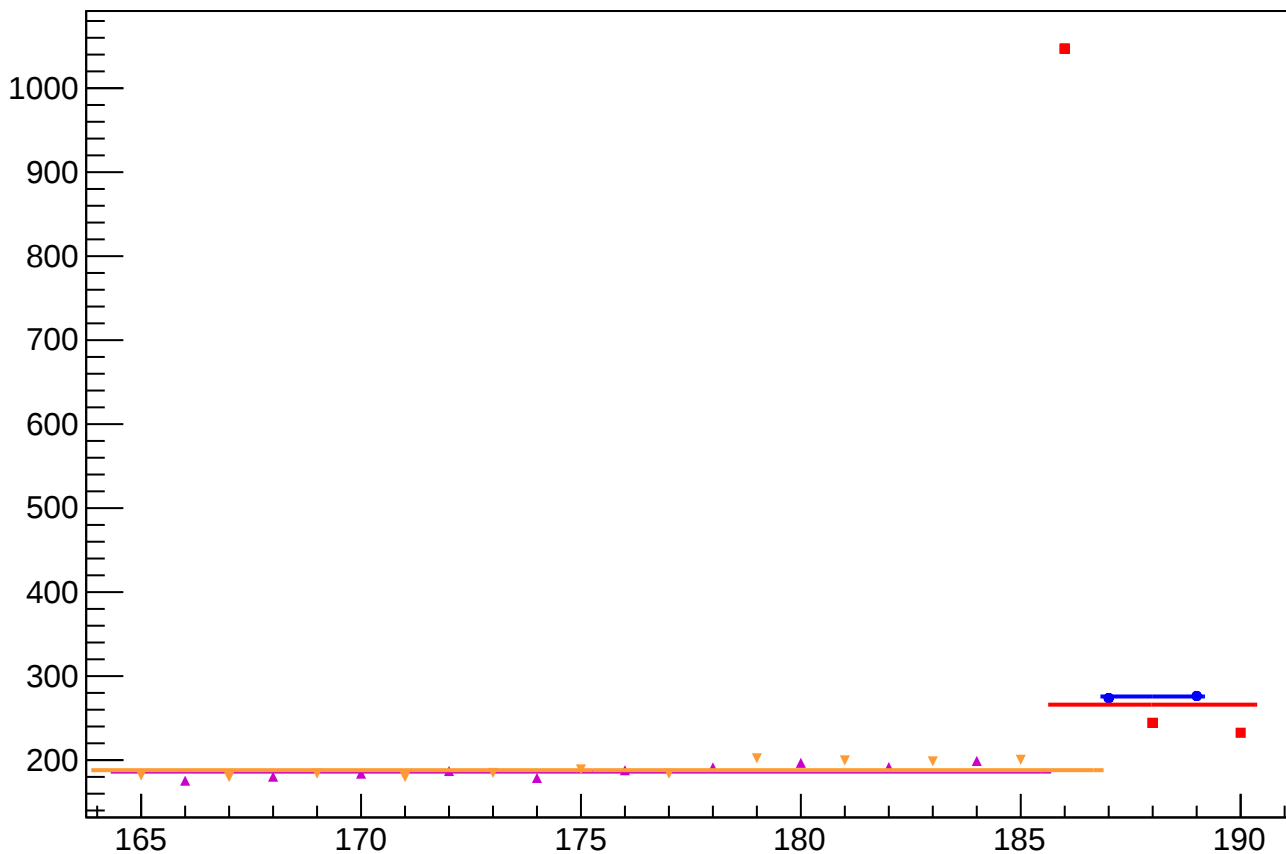
Left In: -199.483 $\pm$ 69.429 χ^2 /NDF: 13.9/9

+ sign 304.482 $\pm$ 65.096 χ^2 /NDF: 7.9/14

All: 67.381 $\pm$ 46.329 χ^2 /NDF: 50.0/29

- sign -175.975 $\pm$ 65.949 χ^2 /NDF: 15.3/14

dit_asym_sam6_rms vs Slug



Right In: 275.726 $\pm$ 0.175 χ^2 /NDF: 37.0/3

Left Out: 188.001 $\pm$ 0.048 χ^2 /NDF: 28748.3/10

Right Out: 266.011 $\pm$ 0.149 χ^2 /NDF: 865359.6/4

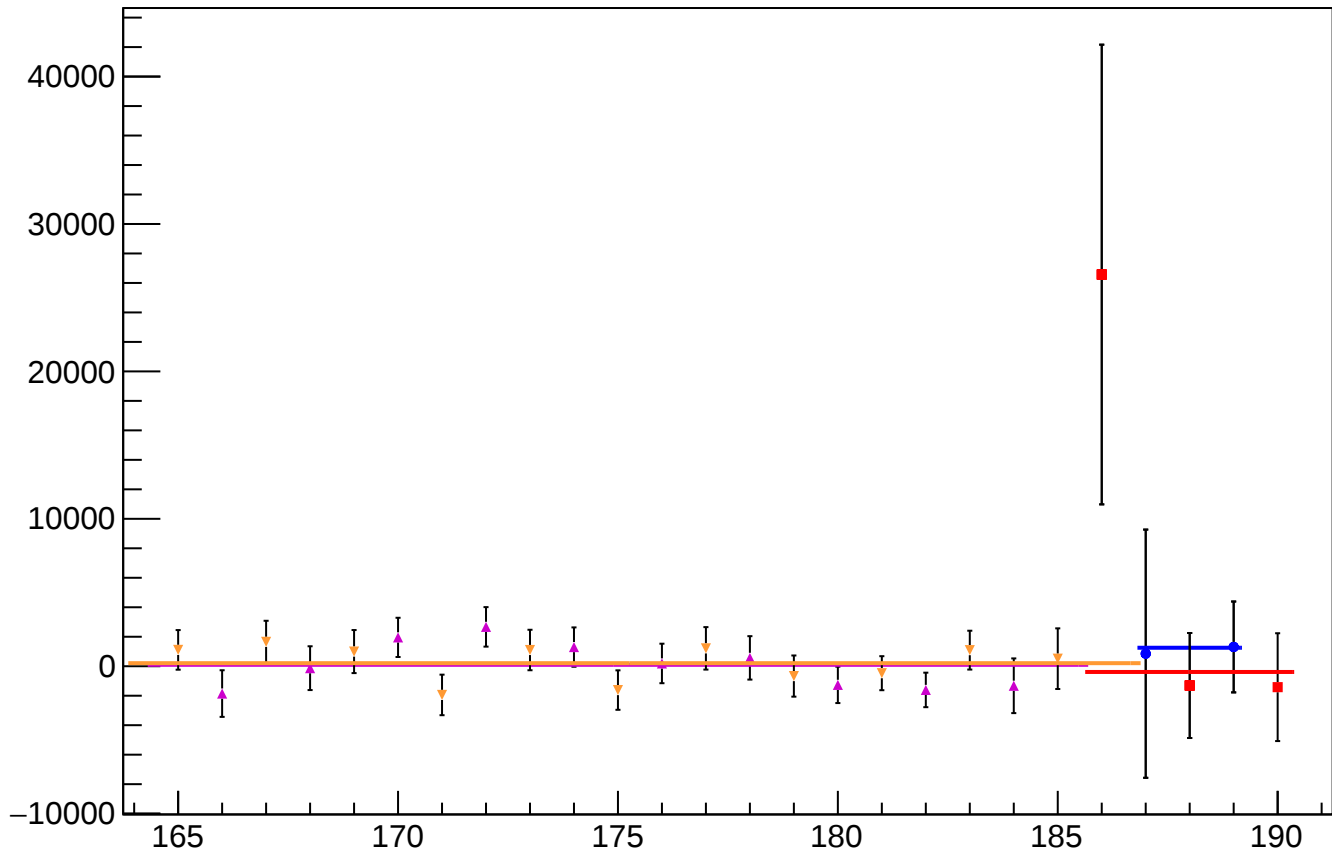
Left In: 186.296 $\pm$ 0.049 χ^2 /NDF: 18942.9/9

+ sign 194.043 $\pm$ 0.046 χ^2 /NDF: 261707.9/14

All: 194.064 $\pm$ 0.033 χ^2 /NDF: 1403652.3/29

- sign 194.085 $\pm$ 0.047 χ^2 /NDF: 1141944.0/14

asym_sam6_correction_mean vs Slug



Right In: 1253.580 $\pm$ 2046.643 χ^2 /NDF: 0.0/3

Left Out: 207.282 $\pm$ 419.316 χ^2 /NDF: 8.2/10

Right Out: -389.113 $\pm$ 2038.453 χ^2 /NDF: 6.2/4

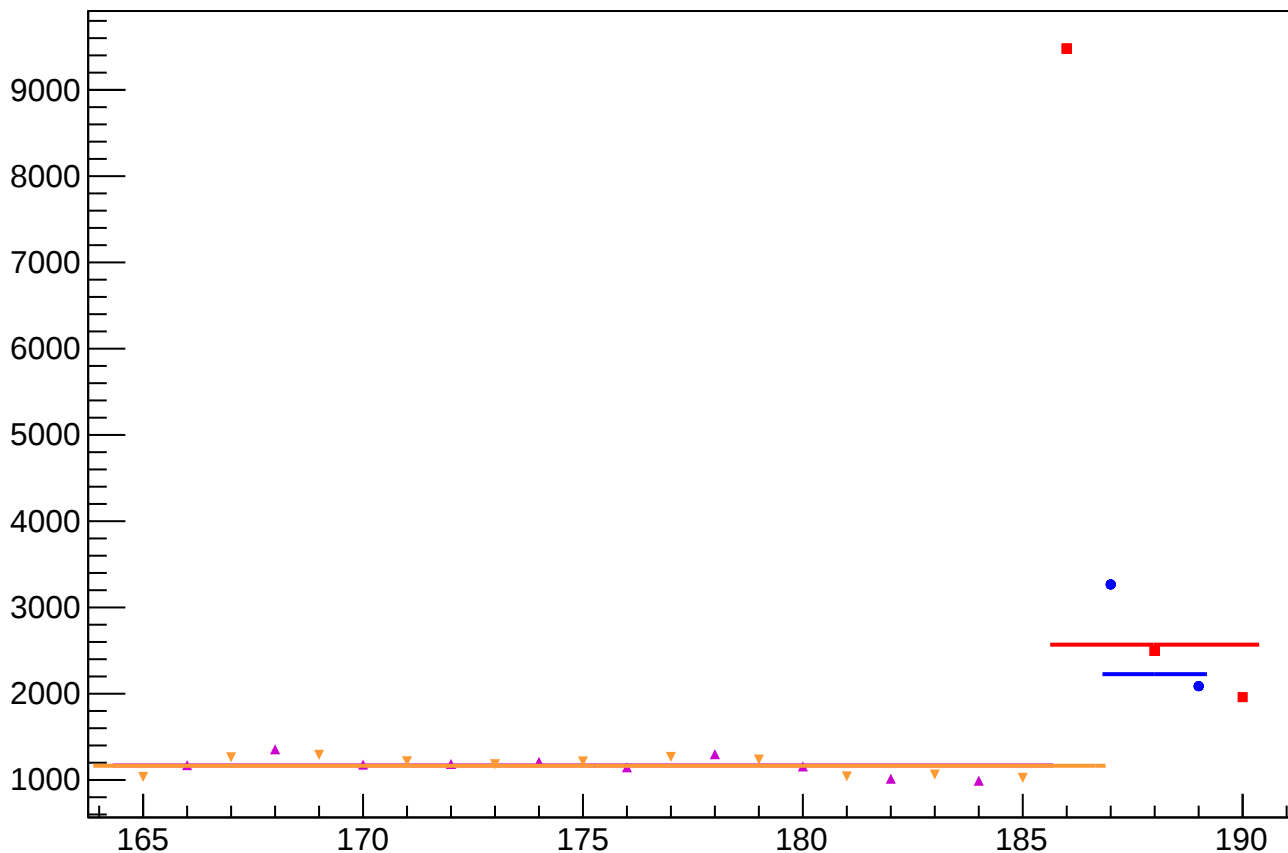
Left In: 95.669 $\pm$ 437.210 χ^2 /NDF: 12.0/9

+ sign 249.432 $\pm$ 410.783 χ^2 /NDF: 8.5/14

All: 165.378 $\pm$ 296.197 χ^2 /NDF: 26.8/29

- sign 74.349 $\pm$ 427.488 χ^2 /NDF: 18.3/14

asym_sam6_correction_rms vs Slug



Right In: 2226.837 $\pm$ 1.447 χ^2/NDF : 69219.8/3

Left Out: 1164.799 $\pm$ 0.297 χ^2/NDF : 108487.9/10

Right Out: 2568.585 $\pm$ 1.441 χ^2/NDF : 842539.2/4

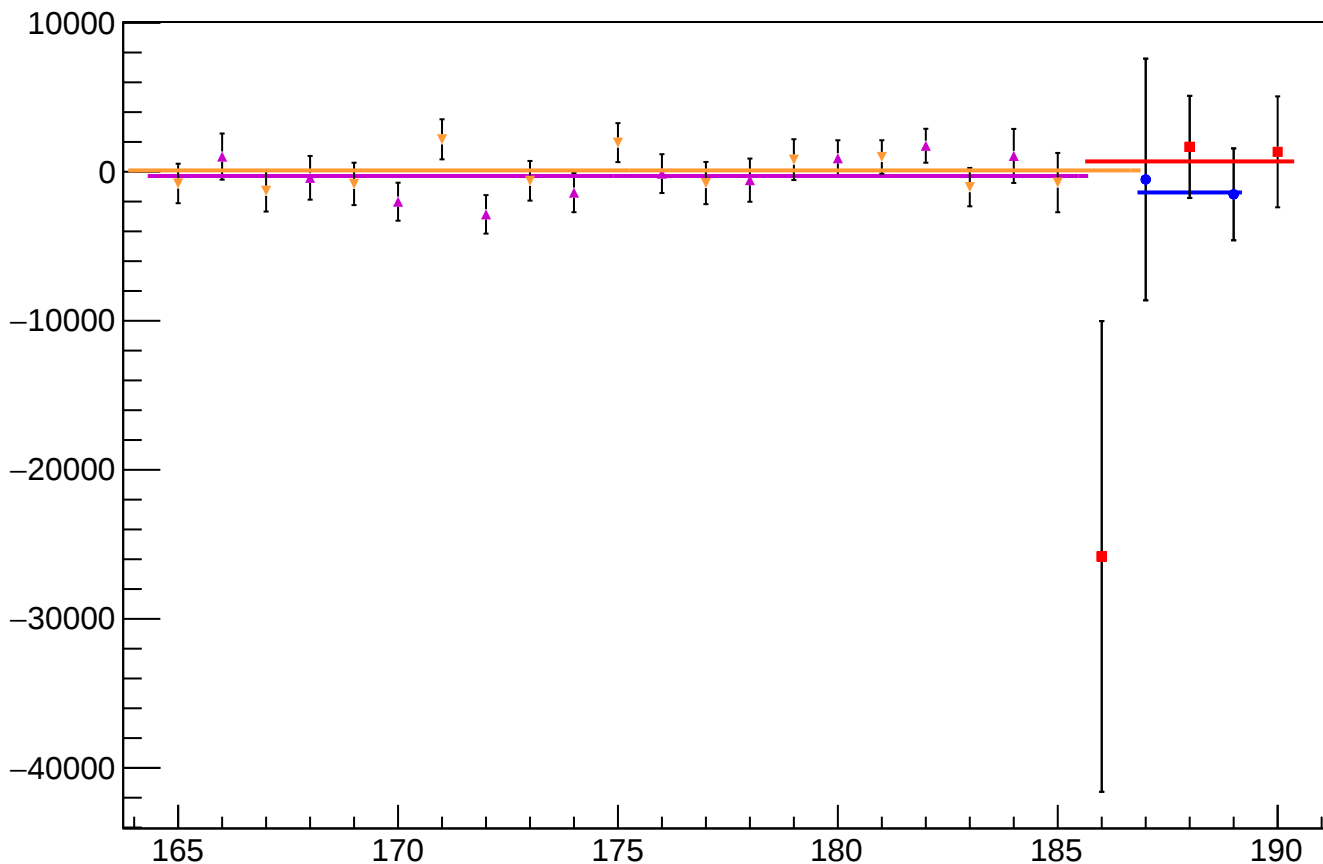
Left In: 1169.085 $\pm$ 0.309 χ^2/NDF : 103406.0/9

+ sign 1207.583 $\pm$ 0.290 χ^2/NDF : 694562.7/14

All: 1218.649 $\pm$ 0.209 χ^2/NDF : 2544774.5/29

- sign 1230.634 $\pm$ 0.302 χ^2/NDF : 1847188.4/14

asym_sam6_mean vs Slug



Right In: -1389.386 ± 2037.294 χ^2/NDF : 0.0/3

Left Out: 89.616 ± 409.610 χ^2/NDF : 8.7/10

Right Out: 692.942 ± 1997.145 χ^2/NDF : 5.8/4

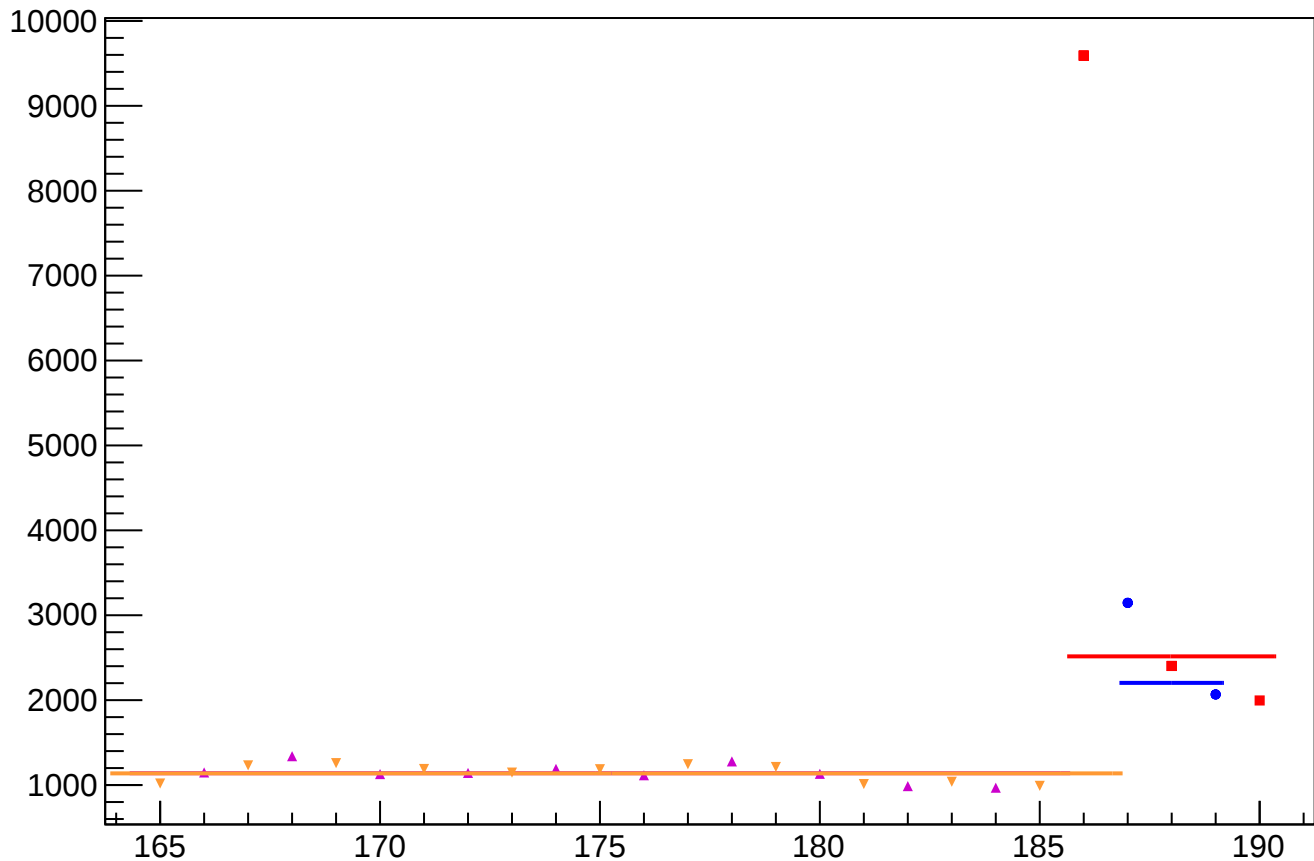
Left In: -287.271 ± 426.310 χ^2/NDF : 12.0/9

+ sign 32.152 ± 401.574 χ^2/NDF : 9.3/14

All: -101.016 ± 289.228 χ^2/NDF : 27.5/29

- sign -244.554 ± 416.917 χ^2/NDF : 18.0/14

asym_sam6_rms vs Slug



Right In: 2203.440+/-1.441 χ^2 /NDF: 61940.2/3

Left Out: 1137.486+/-0.290 χ^2 /NDF: 110977.5/10

Right Out: 2515.598+/-1.412 χ^2 /NDF: 846409.7/4

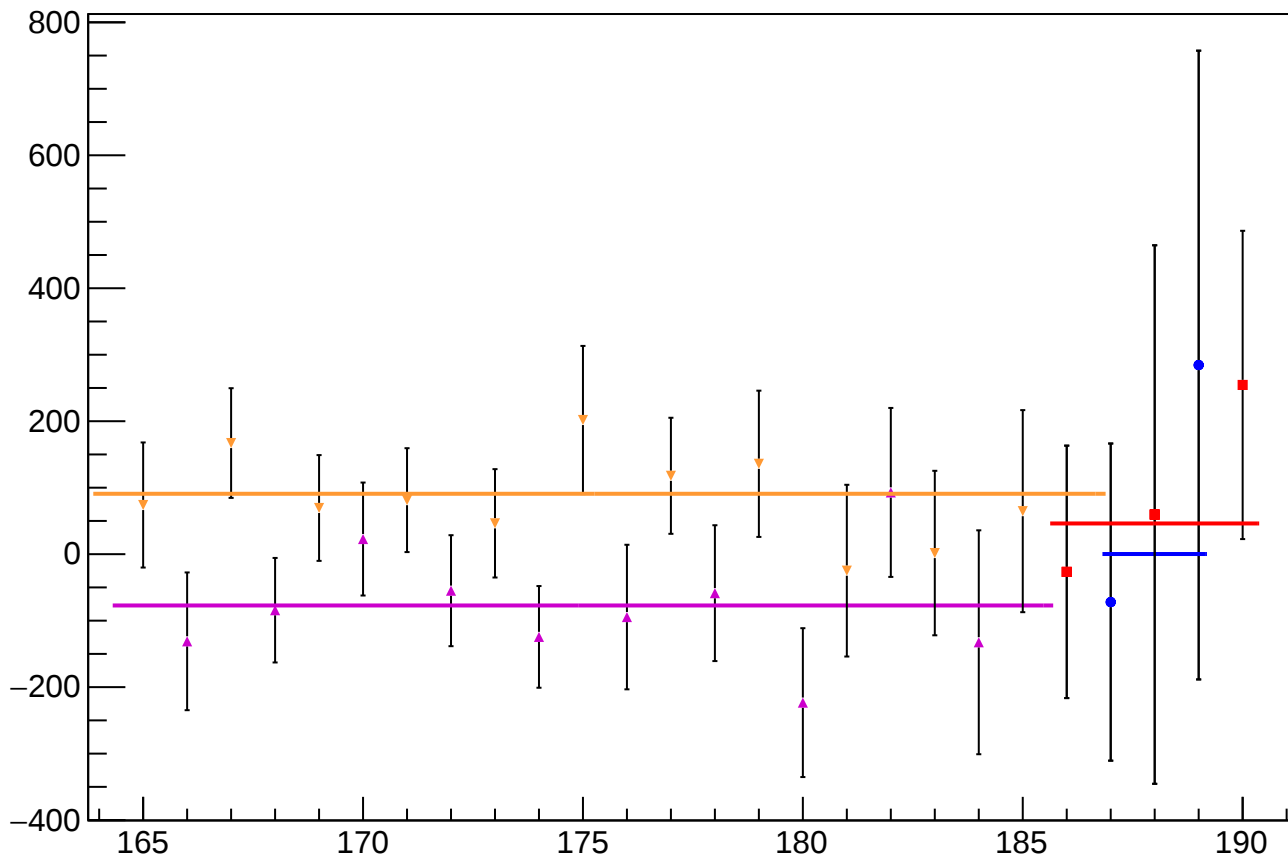
Left In: 1139.533+/-0.301 χ^2 /NDF: 113075.1/9

+ sign 1178.901+/-0.284 χ^2 /NDF: 699164.6/14

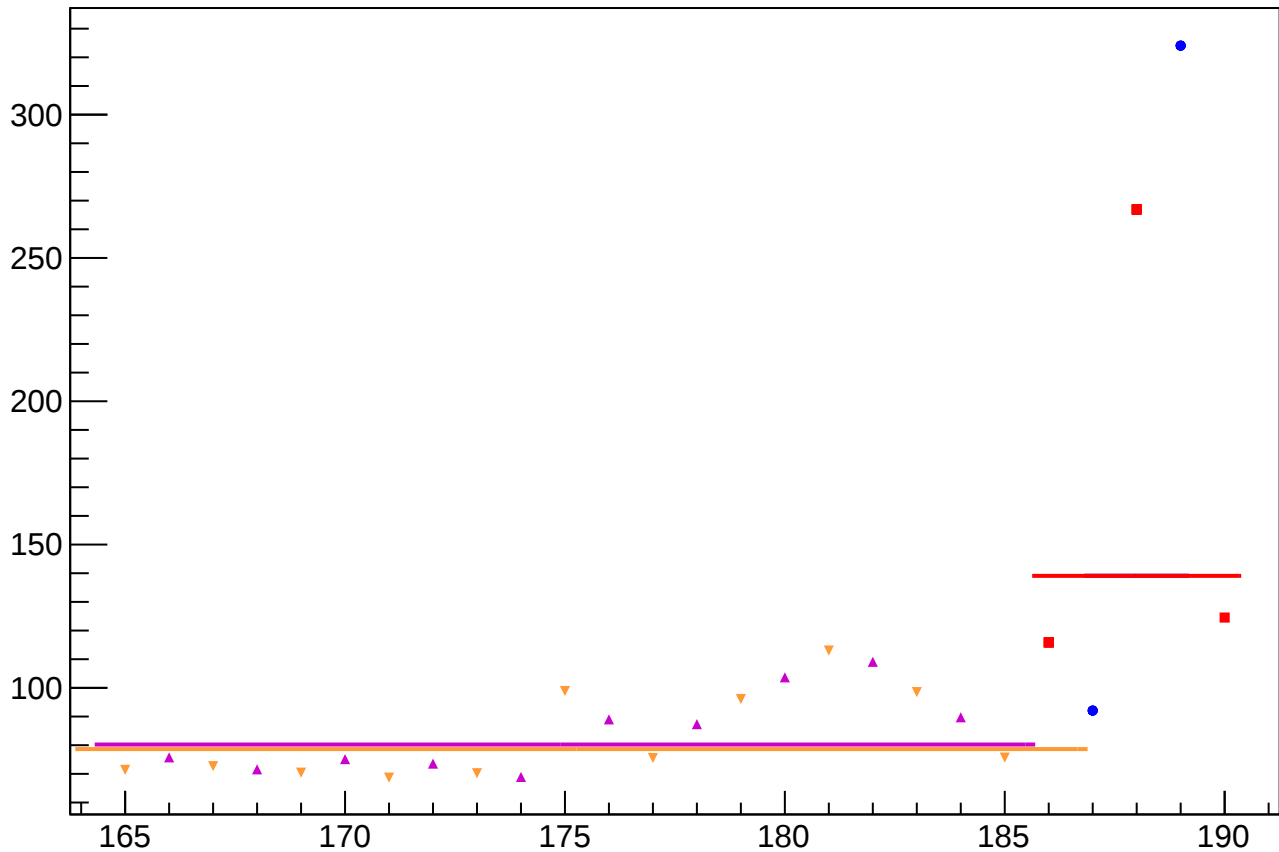
All: 1188.815+/-0.205 χ^2 /NDF: 2569290.4/29

- sign 1199.501+/-0.295 χ^2 /NDF: 1867593.2/14

dit_asym_sam7_mean vs Slug



dit_asym_sam7_rms vs Slug



Right In: 139.132 $\pm$ 0.106 χ^2 /NDF: 767504.8/3

Left Out: 78.649 $\pm$ 0.020 χ^2 /NDF: 410733.7/10

Right Out: 139.085 $\pm$ 0.076 χ^2 /NDF: 466126.2/4

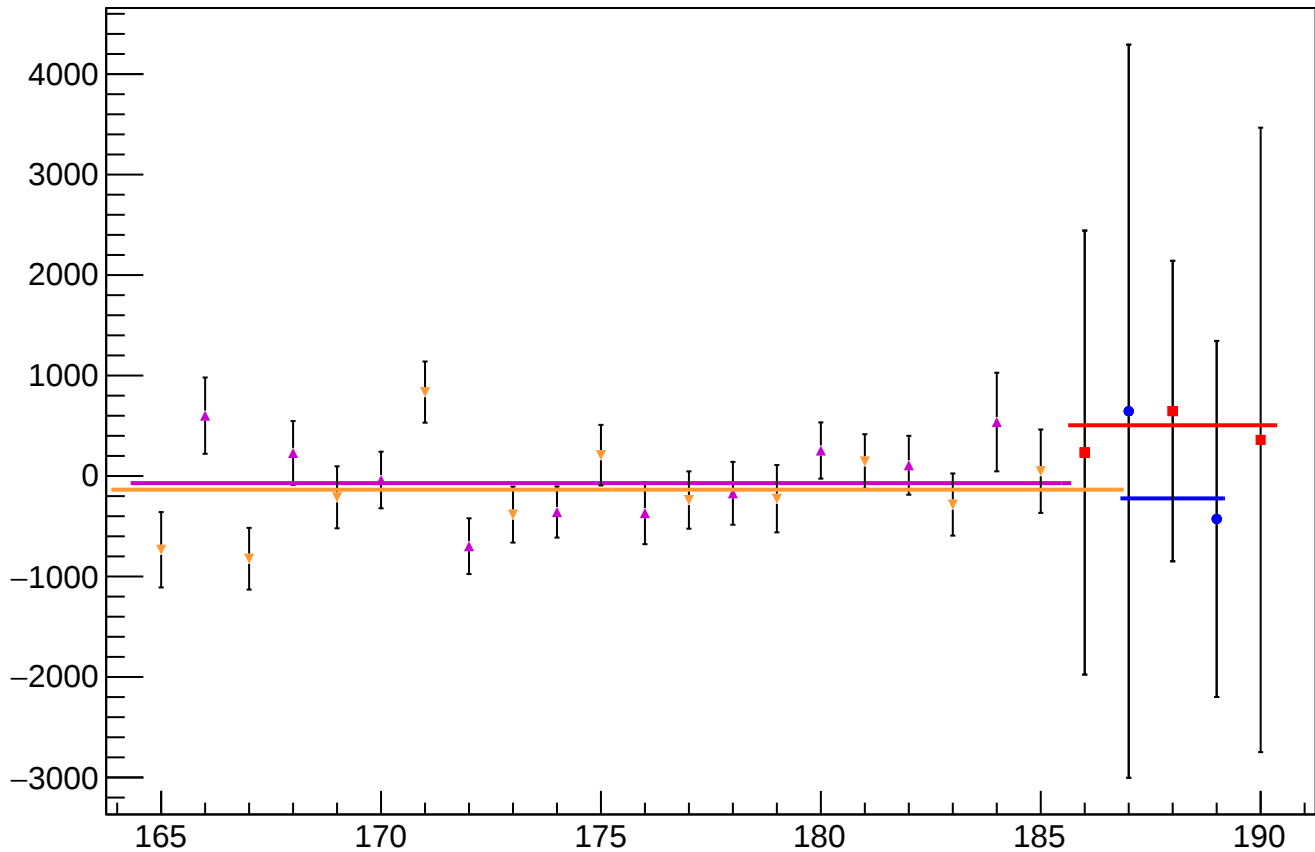
Left In: 80.239 $\pm$ 0.022 χ^2 /NDF: 311489.9/9

+ sign 80.801 $\pm$ 0.020 χ^2 /NDF: 1489393.6/14

All: 82.654 $\pm$ 0.014 χ^2 /NDF: 2837423.4/29

- sign 84.648 $\pm$ 0.021 χ^2 /NDF: 1330359.9/14

asym_sam7_correction_mean vs Slug



Right In: -222.697 $\pm$ 1126.865 χ^2/NDF : 0.1/3

Left Out: -135.836 $\pm$ 93.684 χ^2/NDF : 21.6/10

Right Out: 505.175 $\pm$ 842.787 χ^2/NDF : 0.1/4

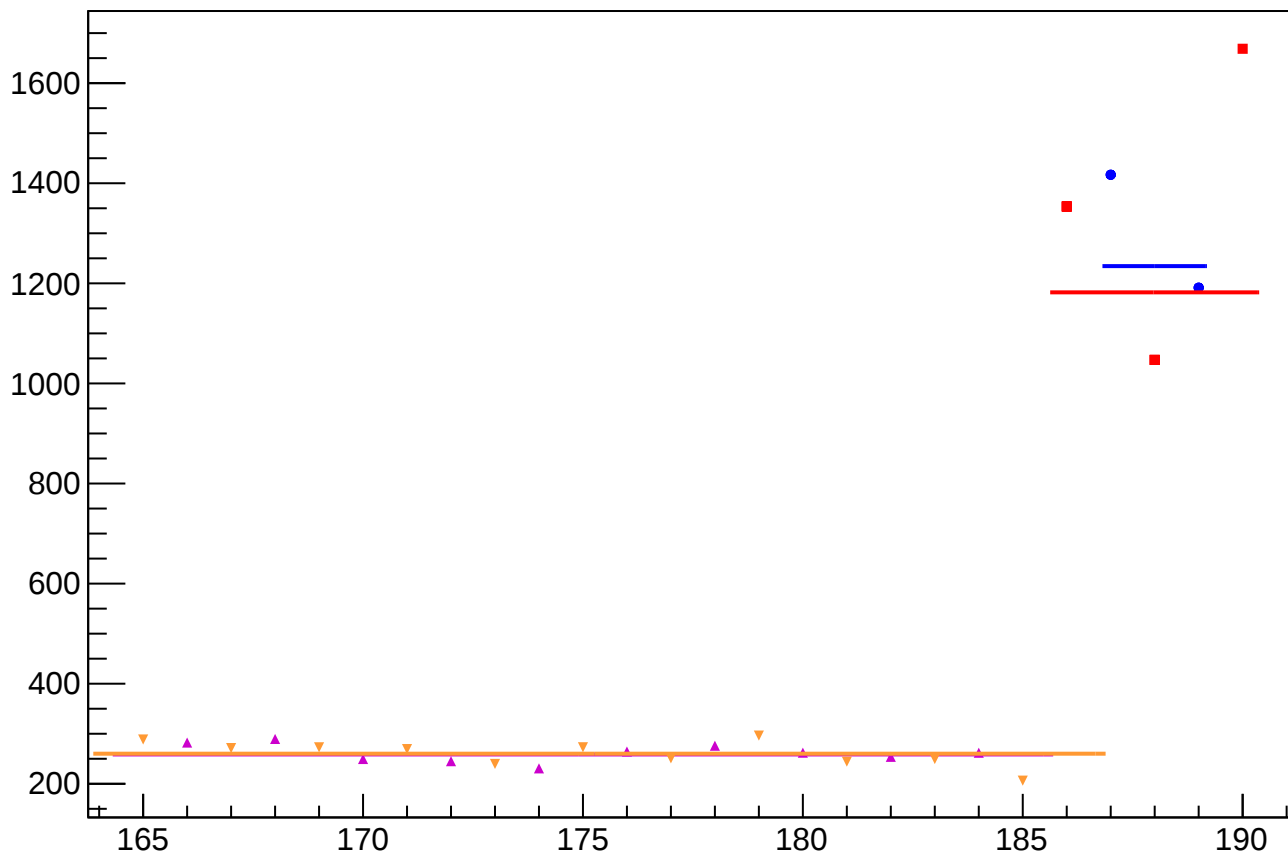
Left In: -70.445 $\pm$ 96.623 χ^2/NDF : 14.7/9

+ sign -136.433 $\pm$ 93.362 χ^2/NDF : 21.7/14

All: -100.726 $\pm$ 66.928 χ^2/NDF : 37.2/29

- sign -62.977 $\pm$ 95.994 χ^2/NDF : 15.2/14

asym_sam7_correction_rms vs Slug



Right In: 1234.418+/-0.797 χ^2/NDF : 12383.5/3

Left Out: 260.150+/-0.066 χ^2/NDF : 102189.5/10

Right Out: 1181.998+/-0.596 χ^2/NDF : 105755.8/4

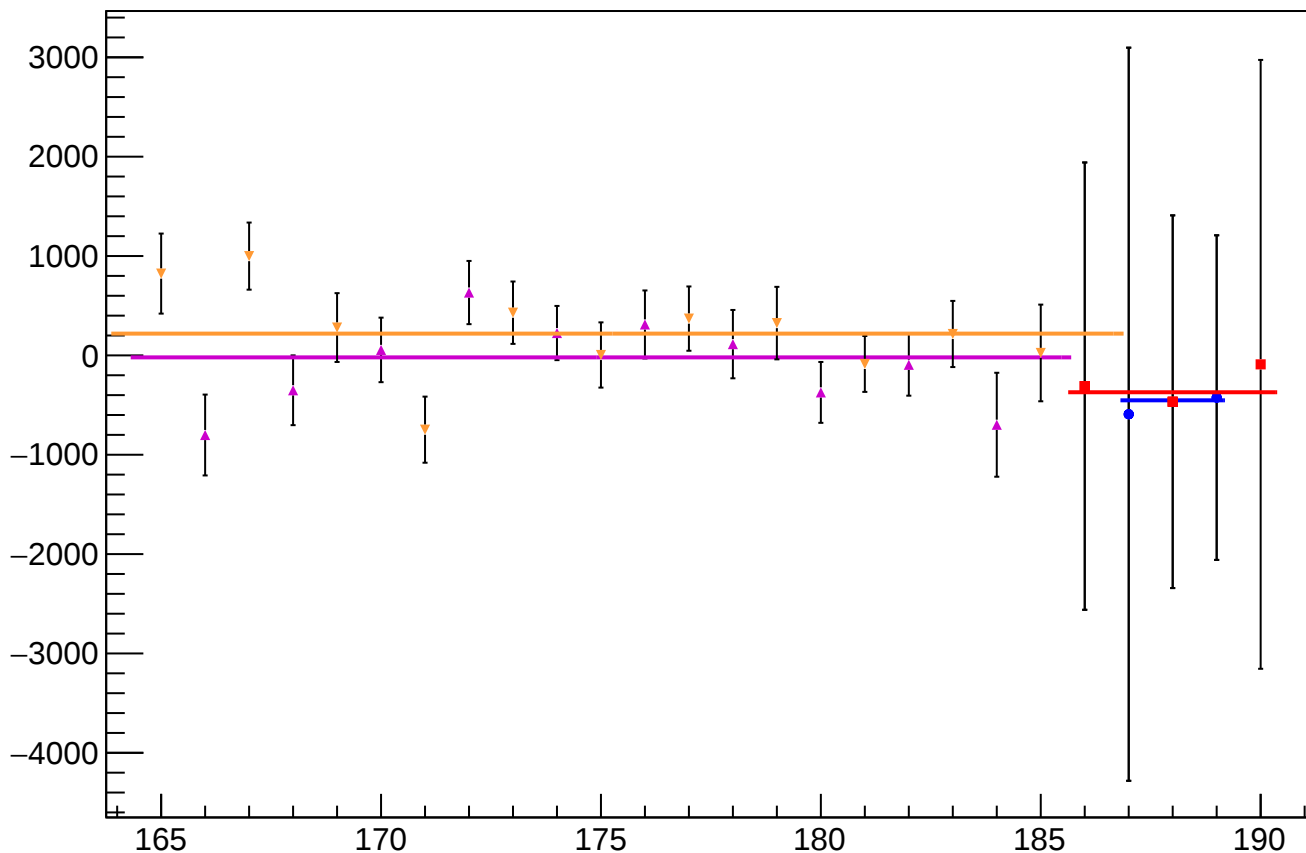
Left In: 258.615+/-0.068 χ^2/NDF : 65394.4/9

+ sign 266.838+/-0.066 χ^2/NDF : 1599318.0/14

All: 268.664+/-0.047 χ^2/NDF : 4141708.8/29

- sign 270.594+/-0.068 χ^2/NDF : 2540817.0/14

asym_sam7_mean vs Slug



Right In: -452.298 ± 1056.231 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 219.084 ± 102.768 $\chi^2/\text{NDF}: 18.6/10$

Right Out: -371.019 ± 966.875 $\chi^2/\text{NDF}: 0.0/4$

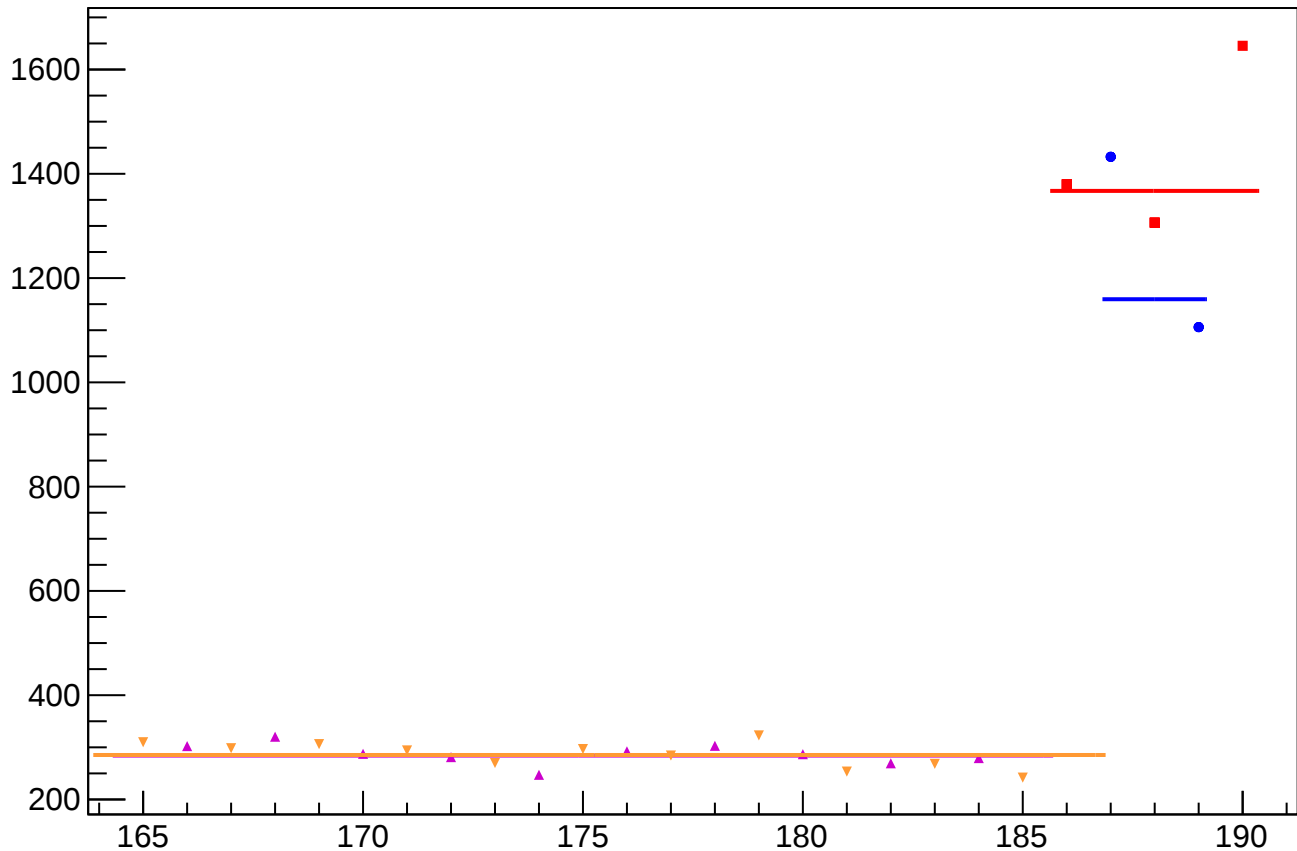
Left In: -20.026 ± 106.242 $\chi^2/\text{NDF}: 13.8/9$

+ sign 212.788 ± 102.285 $\chi^2/\text{NDF}: 19.0/14$

All: 98.073 ± 73.473 $\chi^2/\text{NDF}: 35.5/29$

- sign -24.213 ± 105.607 $\chi^2/\text{NDF}: 13.9/14$

asym_sam7_rms vs Slug



Right In: 1159.439+/-0.747 χ^2/NDF : 26232.0/3

Left Out: 285.316+/-0.073 χ^2/NDF : 94105.3/10

Right Out: 1367.210+/-0.684 χ^2/NDF : 20833.3/4

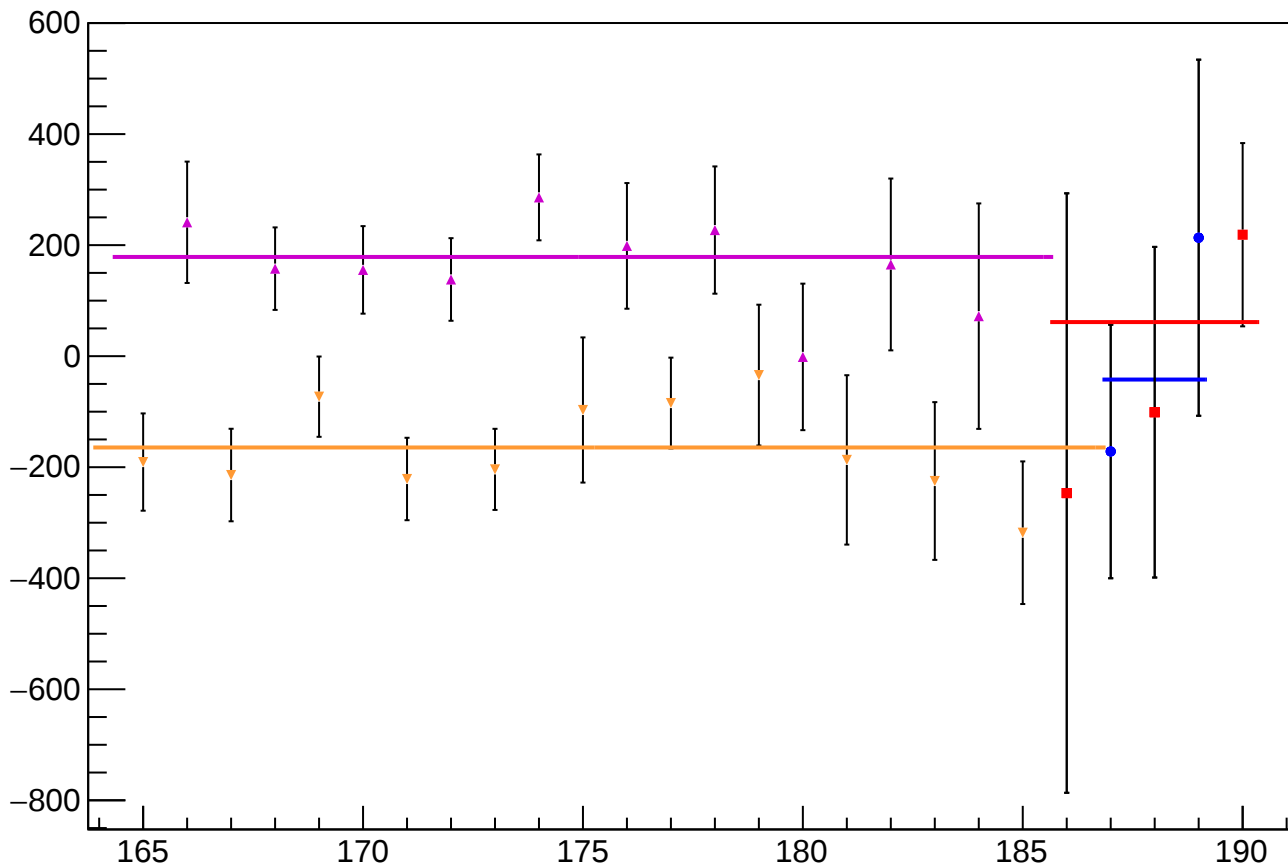
Left In: 284.165+/-0.075 χ^2/NDF : 74051.2/9

+ sign 293.514+/-0.072 χ^2/NDF : 1477289.1/14

All: 295.243+/-0.052 χ^2/NDF : 4052885.1/29

- sign 297.086+/-0.075 χ^2/NDF : 2574415.4/14

dit_asym_sam8_mean vs Slug



Right In: -42.114 ± 131.547 χ^2/NDF : 1.9/3

Left Out: -164.476 ± 28.199 χ^2/NDF : 6.8/10

Right Out: 61.410 ± 122.986 χ^2/NDF : 2.2/4

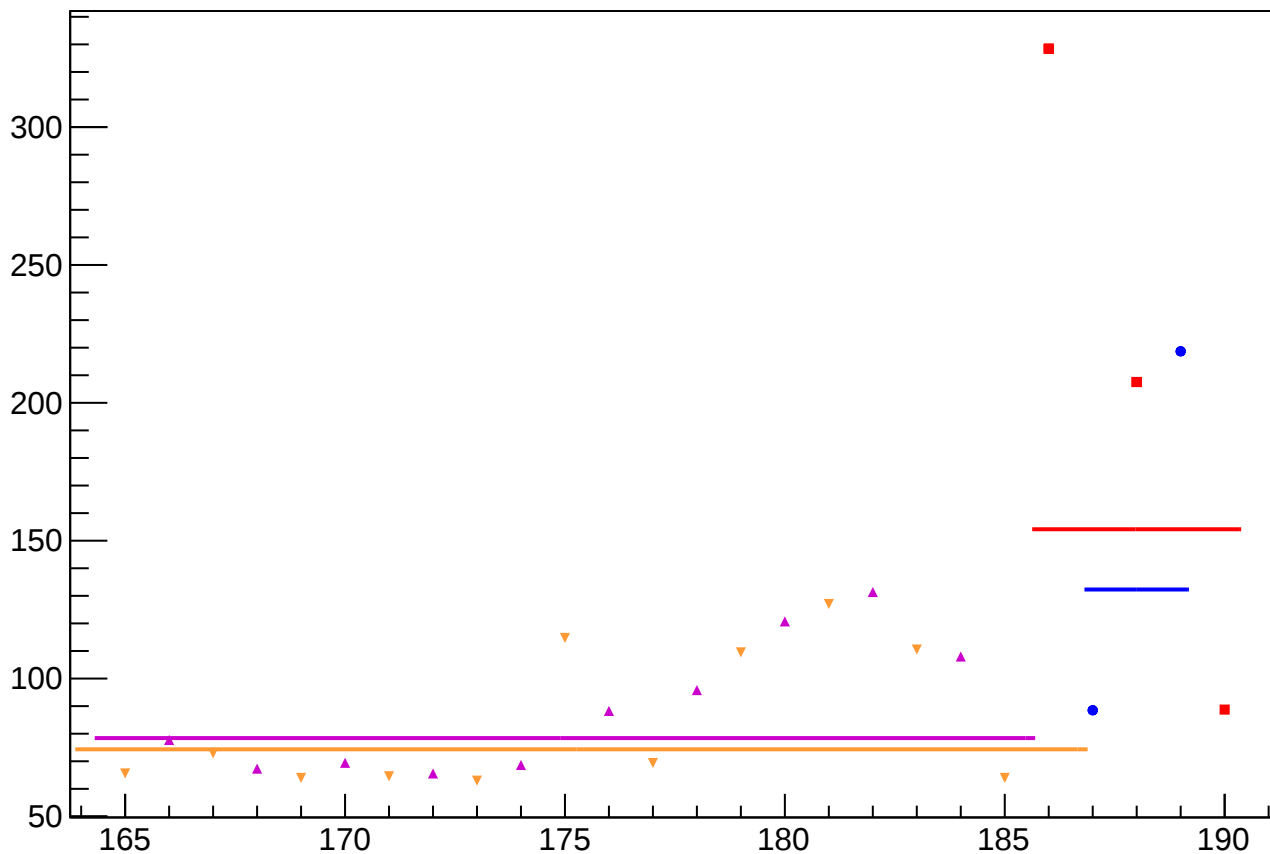
Left In: 178.722 ± 30.847 χ^2/NDF : 5.1/9

+ sign -159.100 ± 27.573 χ^2/NDF : 9.6/14

All: -7.149 ± 20.276 χ^2/NDF : 83.8/29

- sign 171.779 ± 29.921 χ^2/NDF : 8.1/14

dit_asym_sam8_rms vs Slug



Right In: 132.296 ± 0.093 χ^2/NDF : 437340.8/3

Left Out: 74.337 ± 0.020 χ^2/NDF : 878482.5/10

Right Out: 154.147 ± 0.087 χ^2/NDF : 859406.4/4

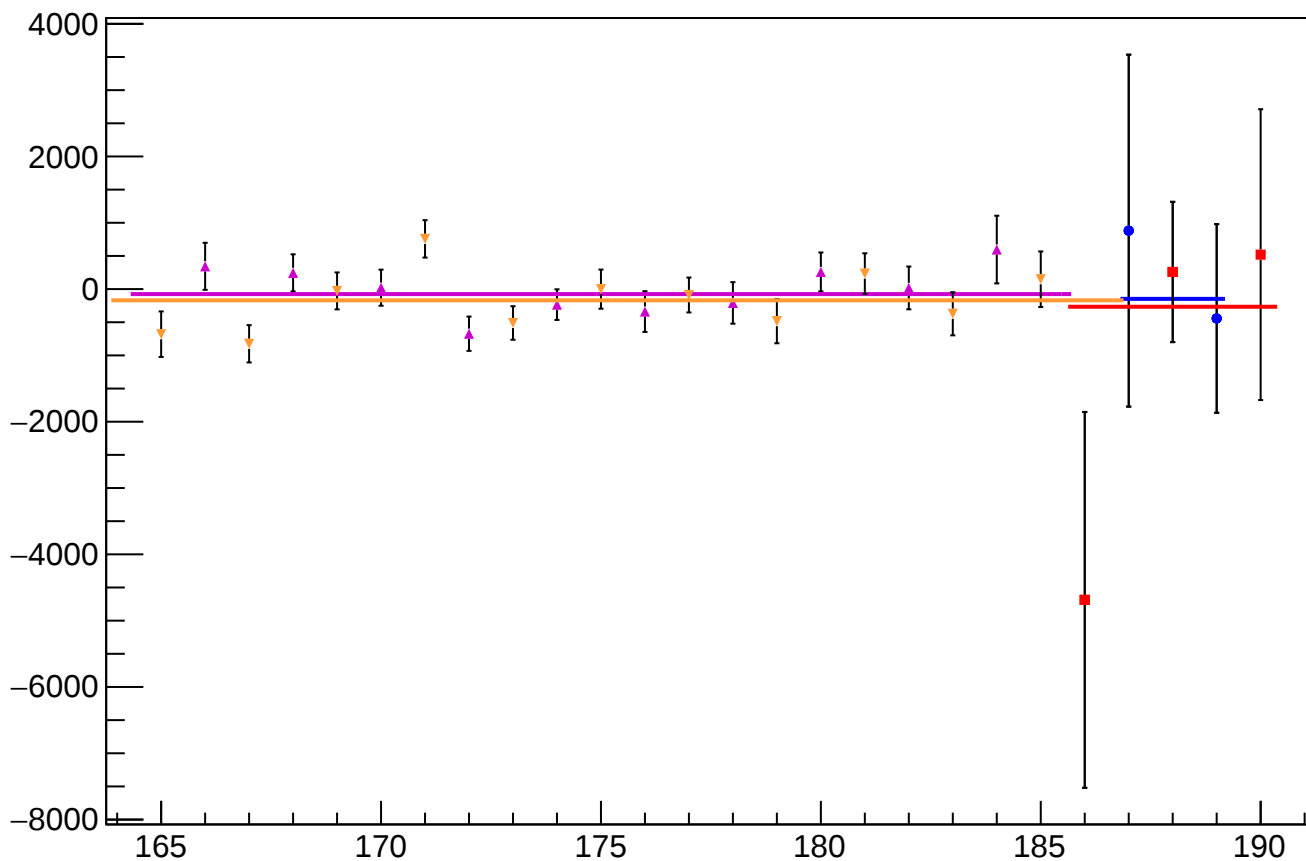
Left In: 78.413 ± 0.022 χ^2/NDF : 705385.5/9

+ sign 76.884 ± 0.019 χ^2/NDF : 1687016.6/14

All: 79.644 ± 0.014 χ^2/NDF : 4008988.6/29

- sign 82.895 ± 0.021 χ^2/NDF : 2278308.3/14

asym_sam8_correction_mean vs Slug



Right In: -147.288 ± 886.595 χ^2/NDF : 0.4/3

Left Out: -169.633 ± 90.198 χ^2/NDF : 24.5/10

Right Out: -266.320 ± 667.464 χ^2/NDF : 5.5/4

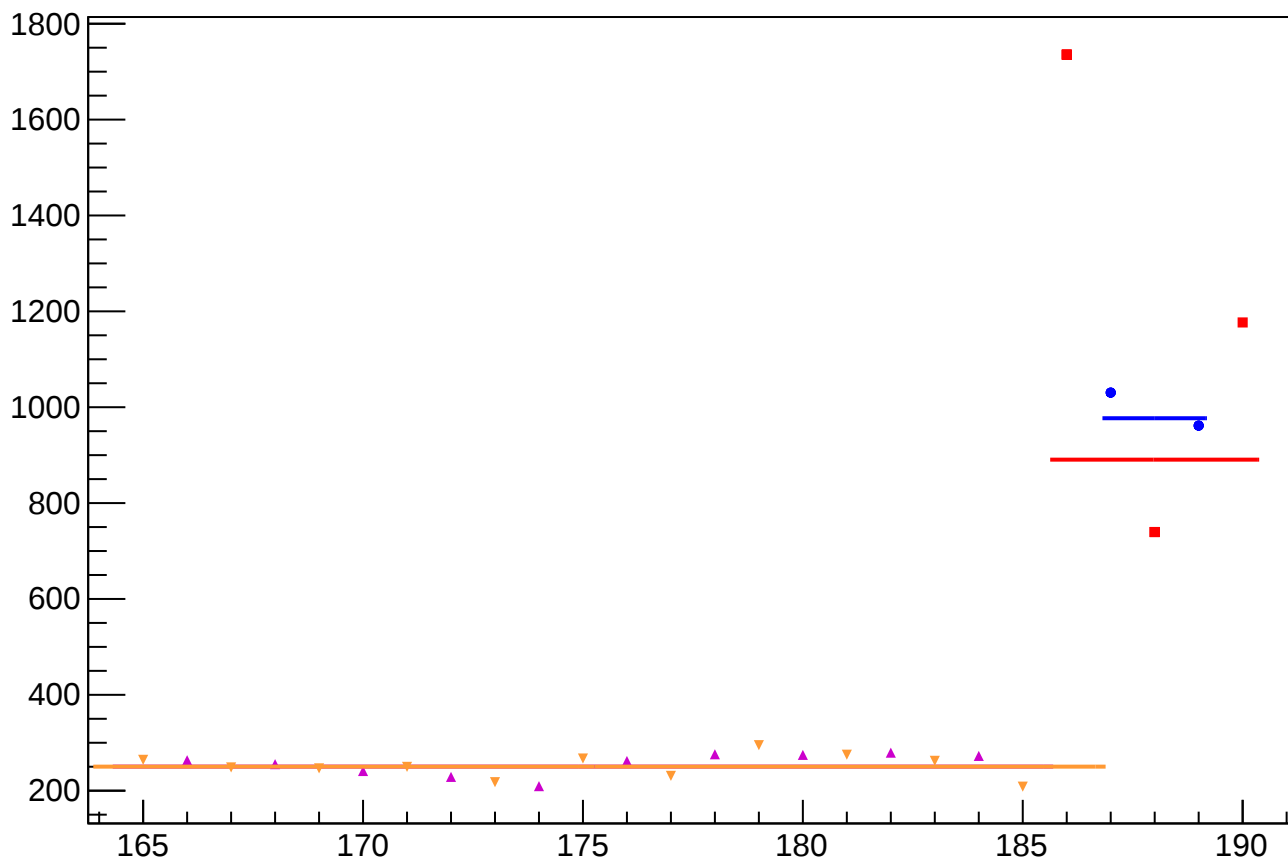
Left In: -75.300 ± 93.744 χ^2/NDF : 12.7/9

+ sign -169.404 ± 89.735 χ^2/NDF : 24.9/14

All: -125.733 ± 64.520 χ^2/NDF : 43.6/29

- sign -78.995 ± 92.833 χ^2/NDF : 18.2/14

asym_sam8_correction_rms vs Slug



Right In: 977.022 $\pm$ 0.627 χ^2 /NDF: 2090.2/3

Left Out: 250.195 $\pm$ 0.064 χ^2 /NDF: 125835.9/10

Right Out: 890.620 $\pm$ 0.472 χ^2 /NDF: 471138.5/4

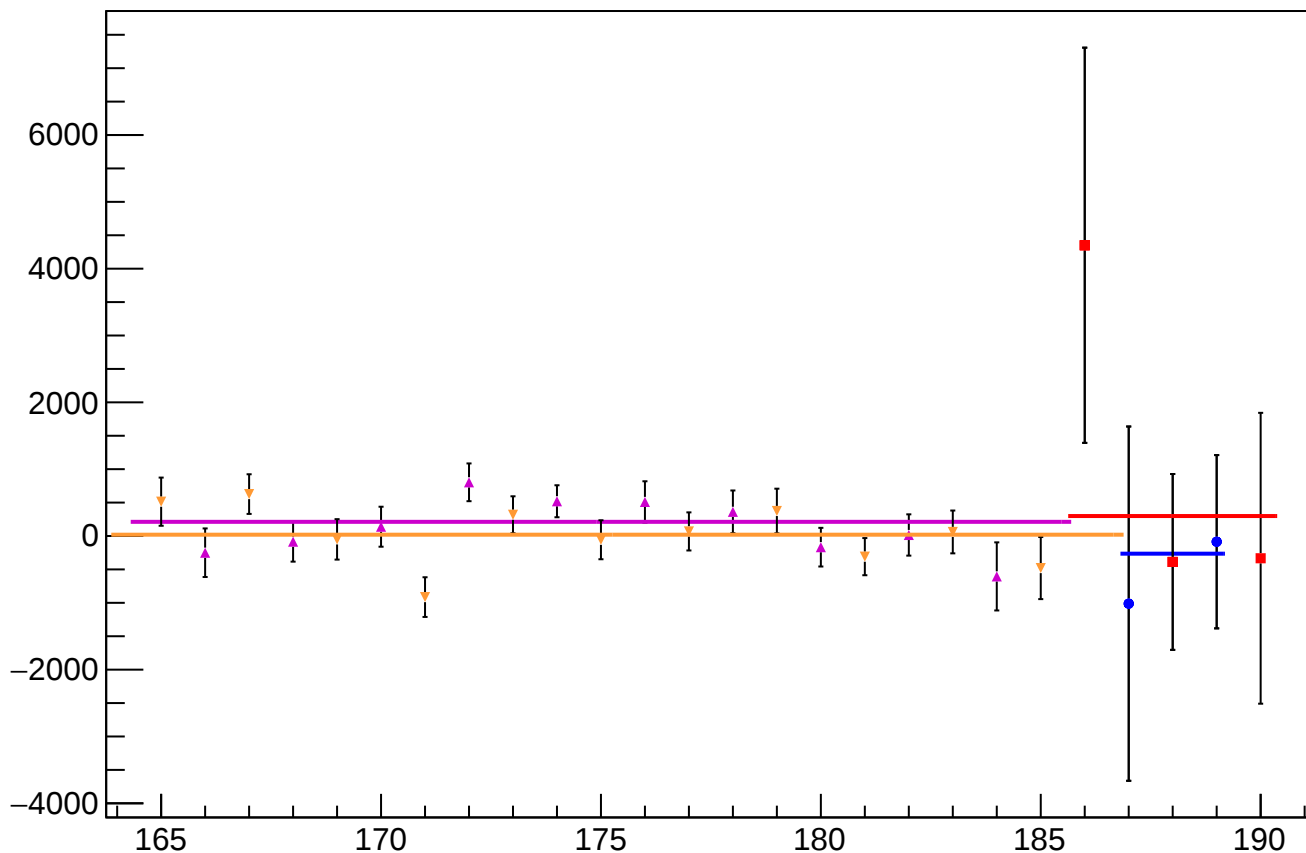
Left In: 250.259 $\pm$ 0.066 χ^2 /NDF: 132198.9/9

+ sign 257.640 $\pm$ 0.063 χ^2 /NDF: 1458288.8/14

All: 260.059 $\pm$ 0.046 χ^2 /NDF: 3869891.0/29

- sign 262.647 $\pm$ 0.066 χ^2 /NDF: 2408595.3/14

asym_sam8_mean vs Slug



Right In: -264.591 ± 823.548 χ^2/NDF : 0.2/3

Left Out: 19.448 ± 93.339 χ^2/NDF : 21.0/10

Right Out: 298.607 ± 791.745 χ^2/NDF : 4.4/4

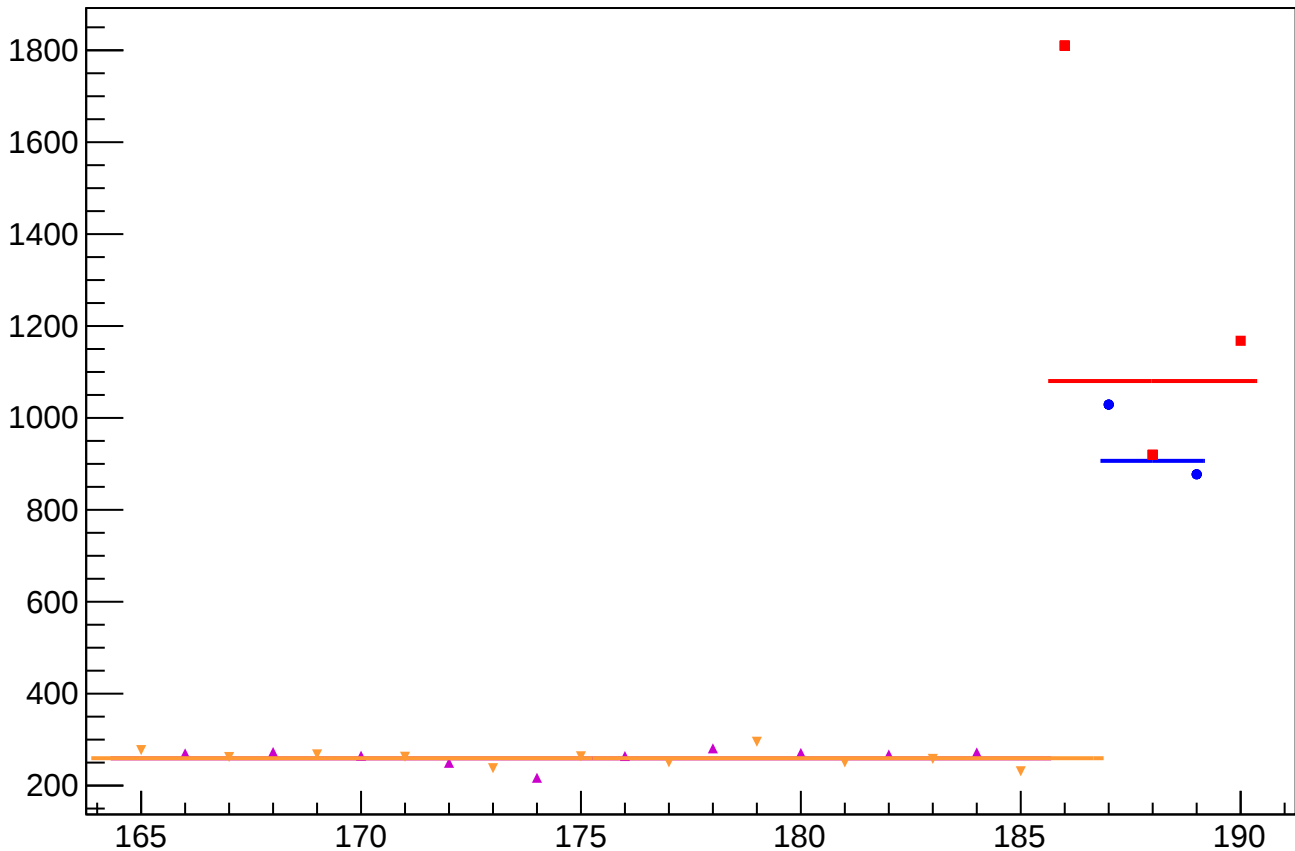
Left In: 211.932 ± 96.919 χ^2/NDF : 14.5/9

+ sign 15.846 ± 92.745 χ^2/NDF : 21.3/14

All: 110.920 ± 66.769 χ^2/NDF : 42.4/29

- sign 213.212 ± 96.201 χ^2/NDF : 18.9/14

asym_sam8_rms vs Slug



Right In: 906.601 $\pm$ 0.582 χ^2 /NDF: 10584.4/3

Left Out: 259.525 $\pm$ 0.066 χ^2 /NDF: 54255.4/10

Right Out: 1080.285 $\pm$ 0.560 χ^2 /NDF: 306480.9/4

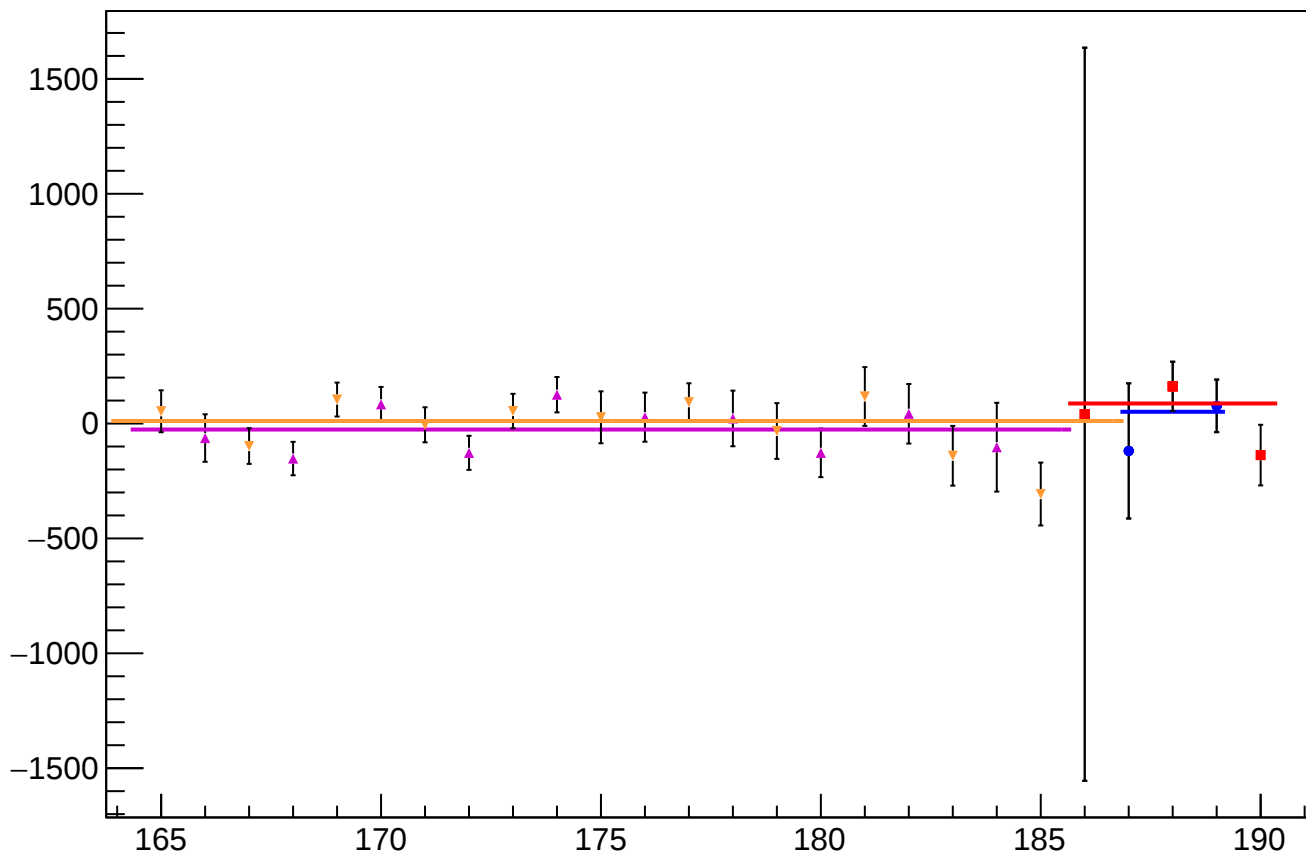
Left In: 259.154 $\pm$ 0.069 χ^2 /NDF: 87089.1/9

+ sign 267.732 $\pm$ 0.066 χ^2 /NDF: 1283884.6/14

All: 269.439 $\pm$ 0.047 χ^2 /NDF: 3798318.5/29

- sign 271.277 $\pm$ 0.068 χ^2 /NDF: 2513026.1/14

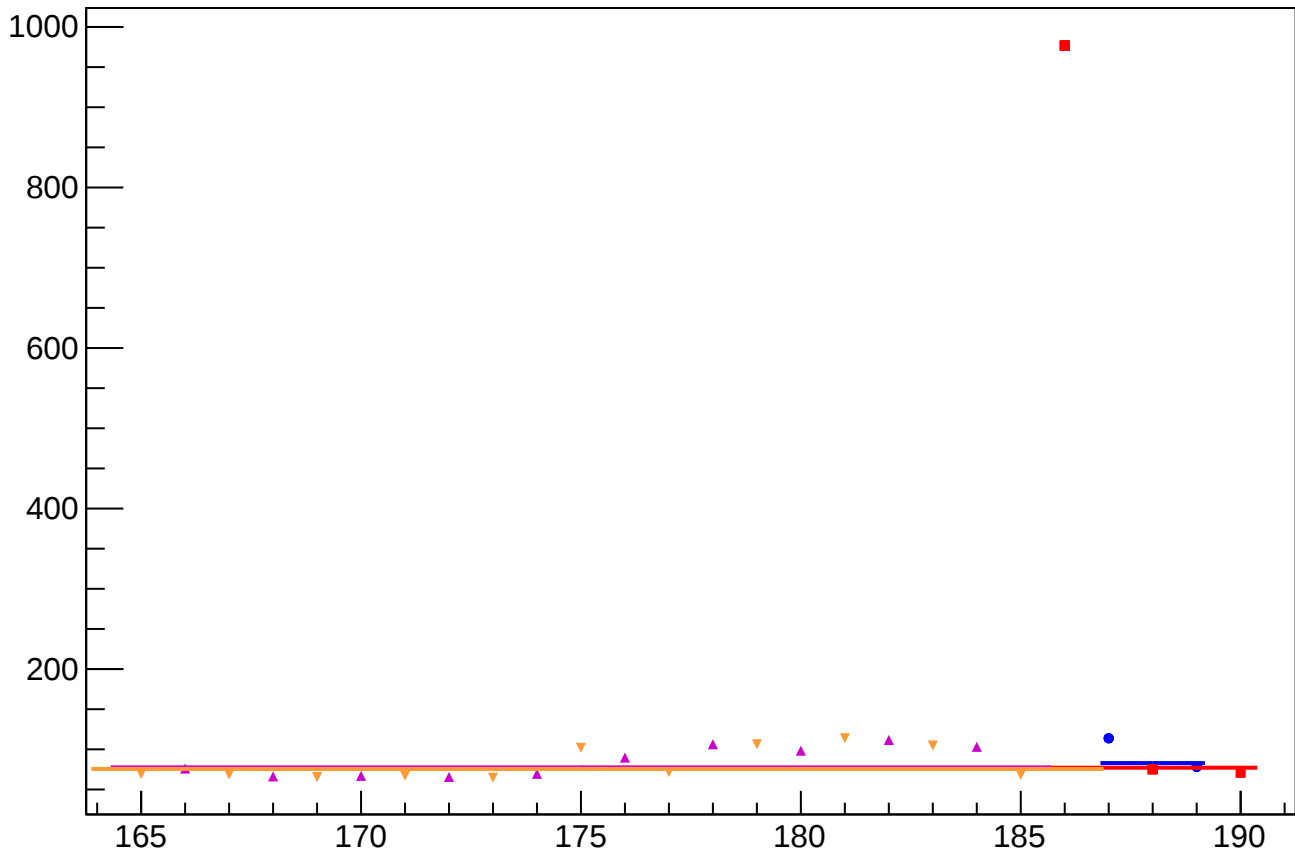
dit_asym_sam_15_avg_mean vs Slug



Right In: 51.198 ± 75.450 $\chi^2/\text{NDF}: 0.8/3$
 Left Out: 11.130 ± 27.875 $\chi^2/\text{NDF}: 12.7/10$
 Right Out: 87.330 ± 65.658 $\chi^2/\text{NDF}: 3.9/4$
 Left In: -26.080 ± 29.623 $\chi^2/\text{NDF}: 12.8/9$

+ sign 15.942 ± 26.148 $\chi^2/\text{NDF}: 13.8/14$
 All: 4.888 ± 18.784 $\chi^2/\text{NDF}: 33.3/29$
 - sign -6.900 ± 27.002 $\chi^2/\text{NDF}: 19.1/14$

dit_asym_sam_15_avg_rms vs Slug



Right In: 82.900 $\pm$ 0.053 χ^2 /NDF: 50604.3/3

Left Out: 75.594 $\pm$ 0.020 χ^2 /NDF: 656946.0/10

Right Out: 77.123 $\pm$ 0.046 χ^2 /NDF: 1278030.0/4

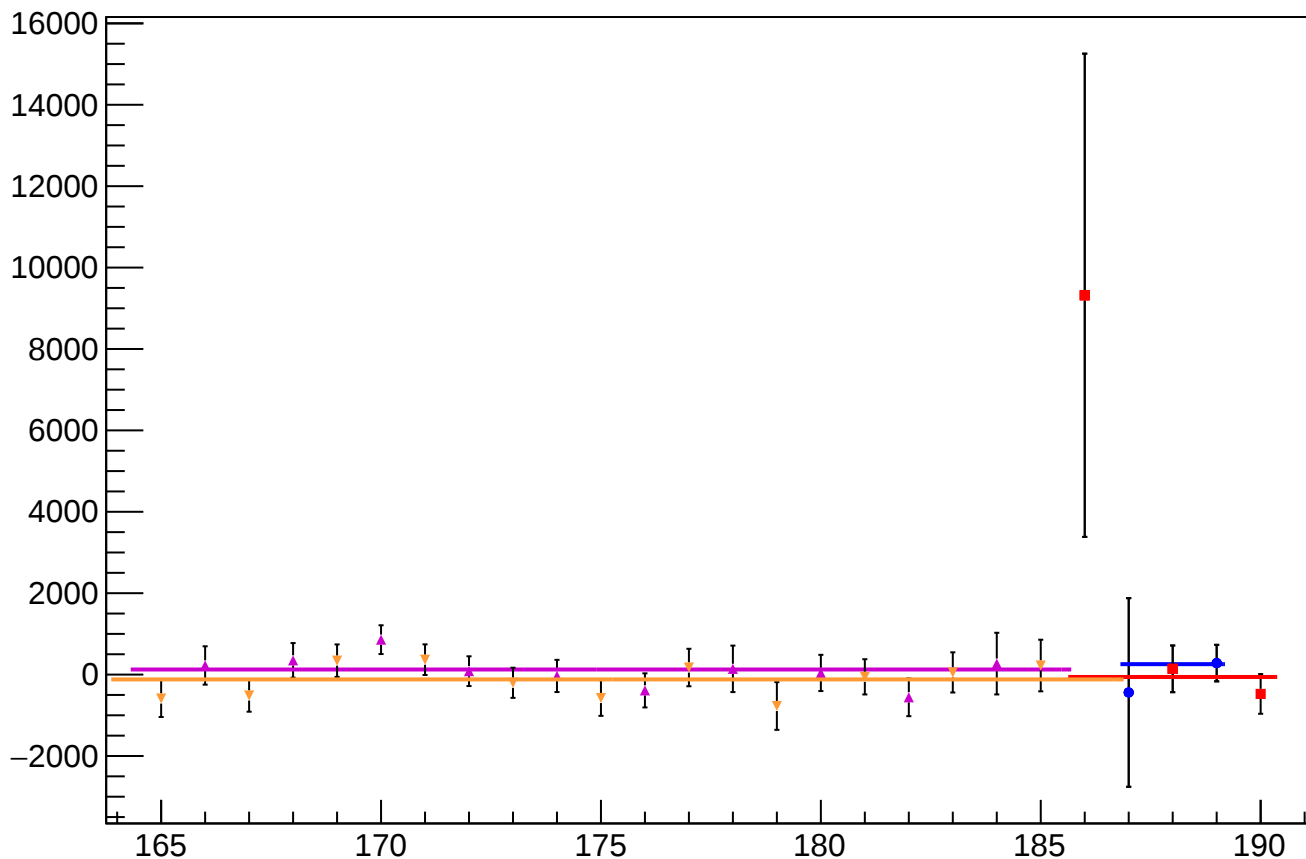
Left In: 77.552 $\pm$ 0.021 χ^2 /NDF: 550900.6/9

+ sign 76.471 $\pm$ 0.018 χ^2 /NDF: 724050.0/14

All: 76.959 $\pm$ 0.013 χ^2 /NDF: 2554489.1/29

- sign 77.479 $\pm$ 0.019 χ^2 /NDF: 1829001.6/14

asym_sam_15_avg_correction_mean vs Slug



Right In: 256.487 $\pm$ 311.474 χ^2 /NDF: 0.2/3

Left Out: -118.590 $\pm$ 133.037 χ^2 /NDF: 8.2/10

Right Out: -58.680 $\pm$ 311.001 χ^2 /NDF: 6.0/4

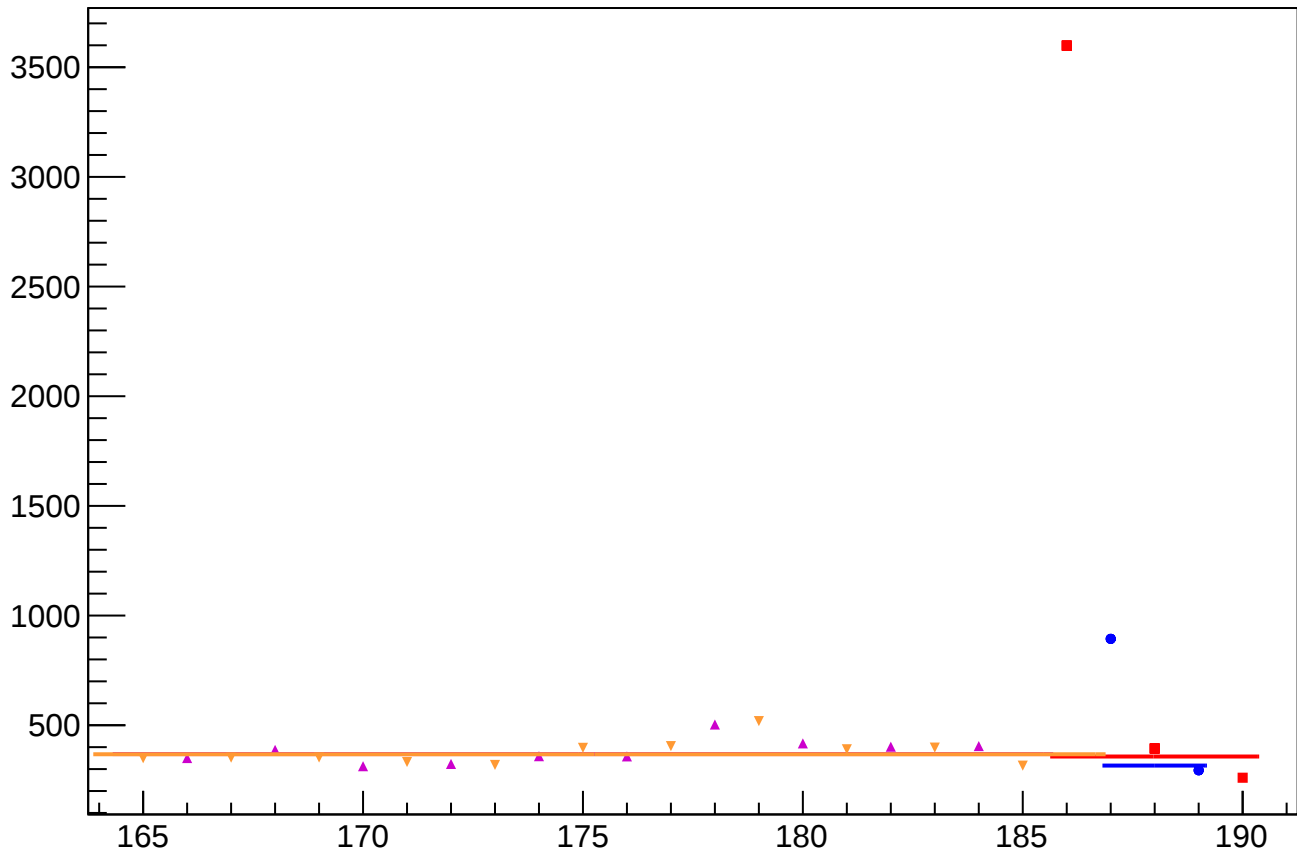
Left In: 125.319 $\pm$ 138.496 χ^2 /NDF: 8.5/9

+ sign -60.721 $\pm$ 122.344 χ^2 /NDF: 9.7/14

All: 14.465 $\pm$ 87.949 χ^2 /NDF: 25.2/29

- sign 94.868 $\pm$ 126.518 χ^2 /NDF: 14.8/14

asym_sam_15_avg_correction_rms vs Slug



Right In: 316.012 $\pm$ 0.220 χ^2 /NDF: 258049.8/3

Left Out: 367.590 $\pm$ 0.094 χ^2 /NDF: 242504.8/10

Right Out: 357.315 $\pm$ 0.220 χ^2 /NDF: 1287435.4/4

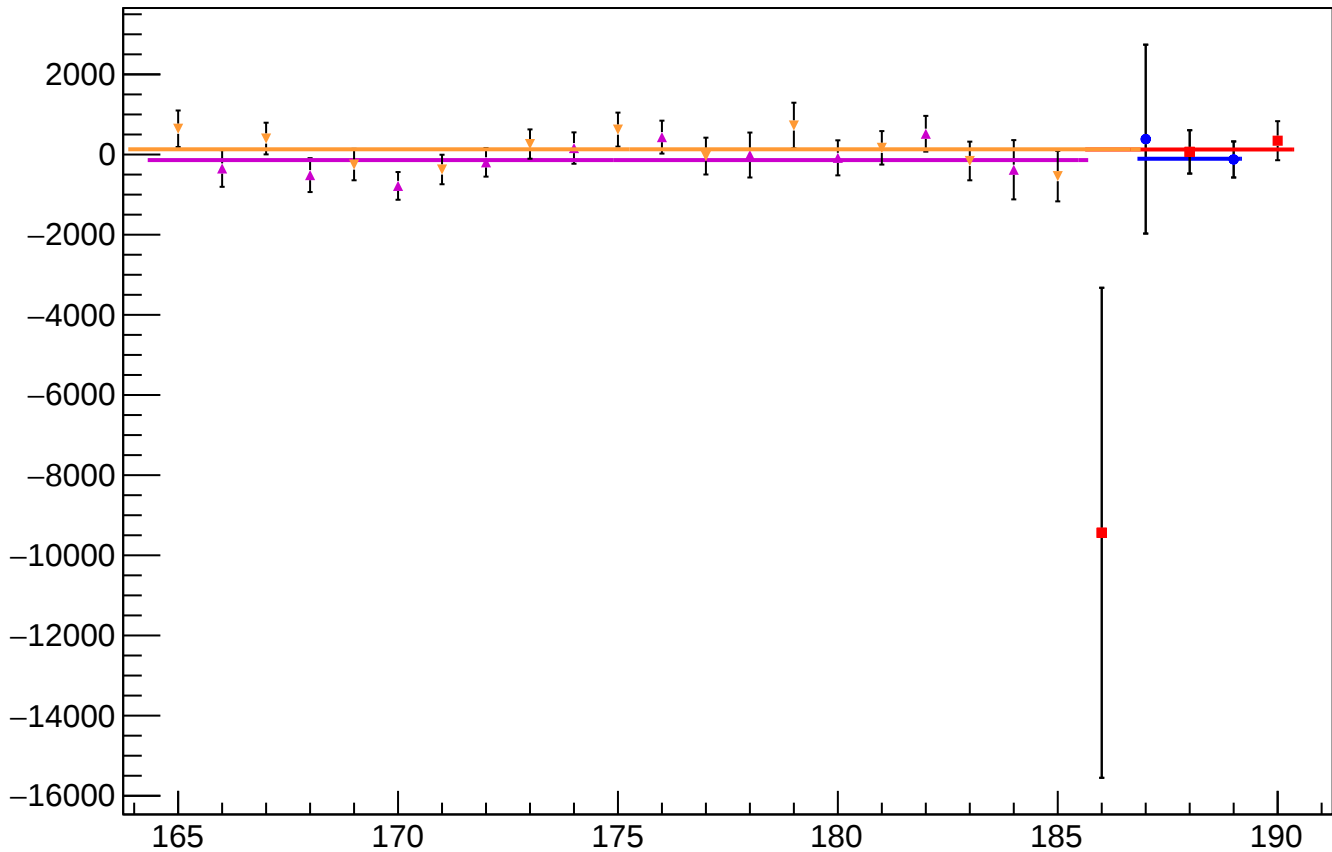
Left In: 368.526 $\pm$ 0.098 χ^2 /NDF: 239333.6/9

+ sign 359.632 $\pm$ 0.087 χ^2 /NDF: 546934.8/14

All: 363.033 $\pm$ 0.062 χ^2 /NDF: 2079071.6/29

- sign 366.671 $\pm$ 0.089 χ^2 /NDF: 1528937.8/14

asym_sam_15_avg_mean vs Slug



Right In: -105.186+/-312.299 χ^2/NDF : 0.1/3

Left Out: 130.977+/-130.727 χ^2/NDF : 8.7/10

Right Out: 126.116+/-300.098 χ^2/NDF : 5.1/4

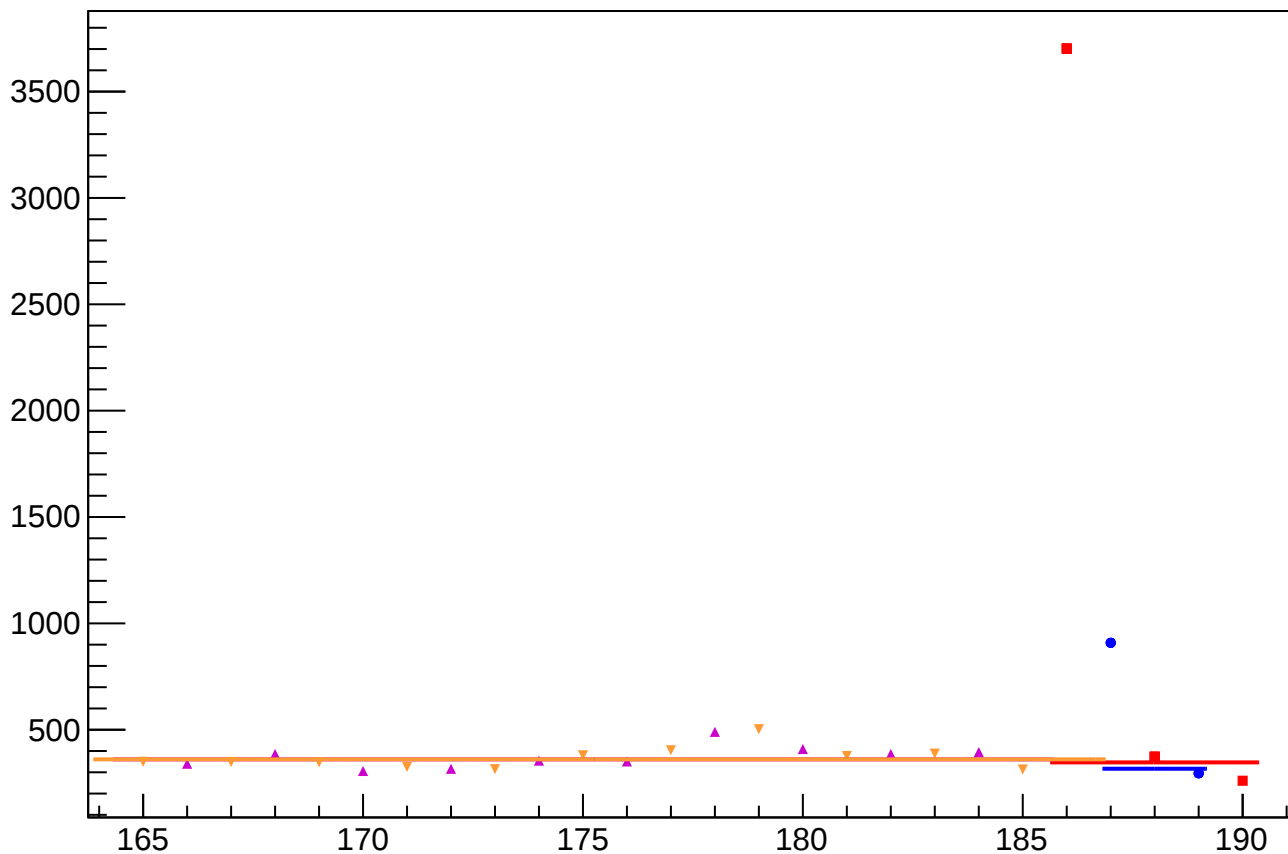
Left In: -138.377+/-135.774 χ^2/NDF : 9.4/9

+ sign 95.766+/-120.589 χ^2/NDF : 9.3/14

All: 3.576+/-86.349 χ^2/NDF : 25.6/29

- sign -93.436+/-123.702 χ^2/NDF : 15.1/14

asym_sam_15_avg_rms vs Slug



Right In: 316.704 $\pm$ 0.221 χ^2 /NDF: 261676.0/3

Left Out: 360.820 $\pm$ 0.092 χ^2 /NDF: 222029.0/10

Right Out: 346.512 $\pm$ 0.212 χ^2 /NDF: 1277465.7/4

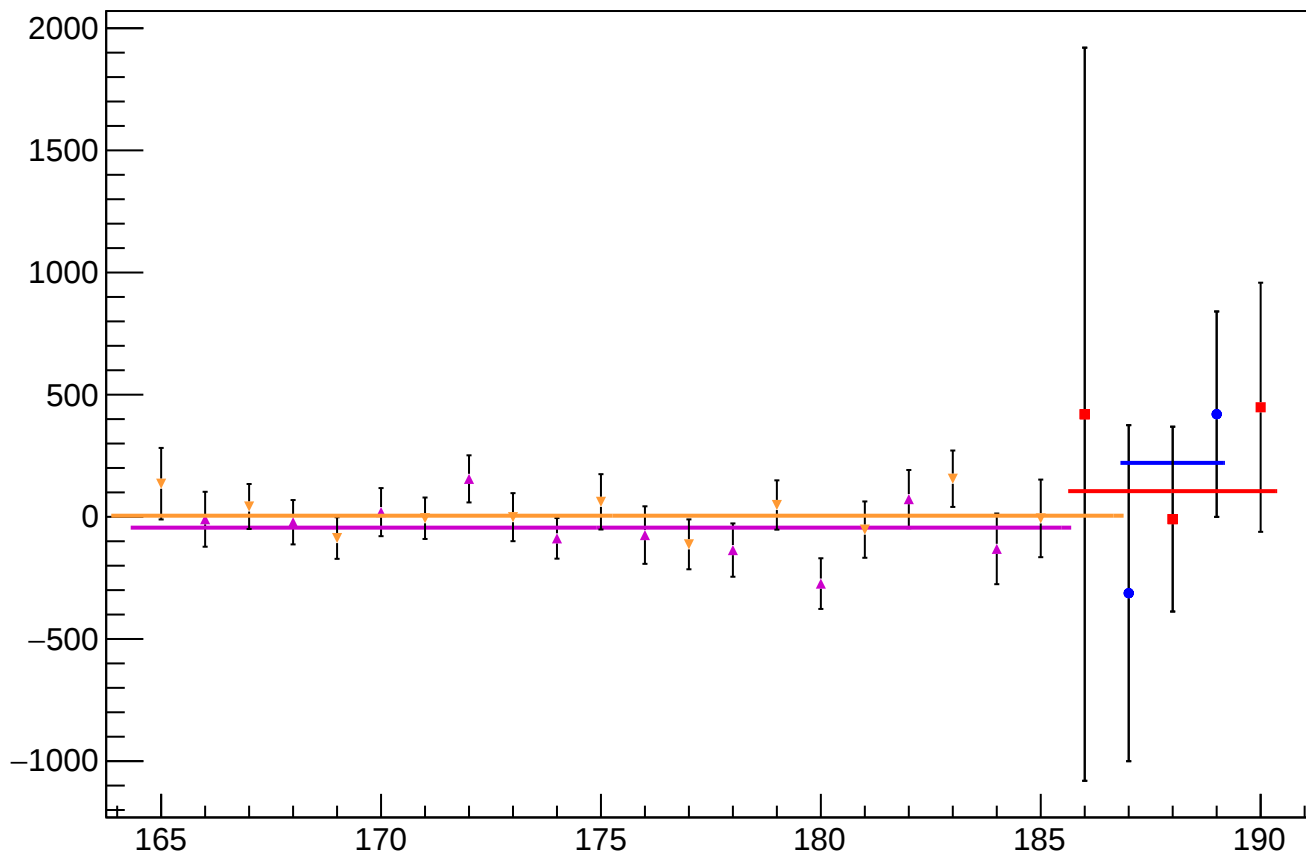
Left In: 360.761 $\pm$ 0.096 χ^2 /NDF: 235416.4/9

+ sign 354.242 $\pm$ 0.085 χ^2 /NDF: 517663.5/14

All: 356.239 $\pm$ 0.061 χ^2 /NDF: 2035413.6/29

- sign 358.340 $\pm$ 0.087 χ^2 /NDF: 1516624.7/14

dit_asym_sam_26_avg_mean vs Slug



Right In: 220.849 ± 253.642 $\chi^2/\text{NDF}: 1.7/3$

Left Out: 4.633 ± 31.512 $\chi^2/\text{NDF}: 5.9/10$

Right Out: 105.153 ± 231.195 $\chi^2/\text{NDF}: 0.7/4$

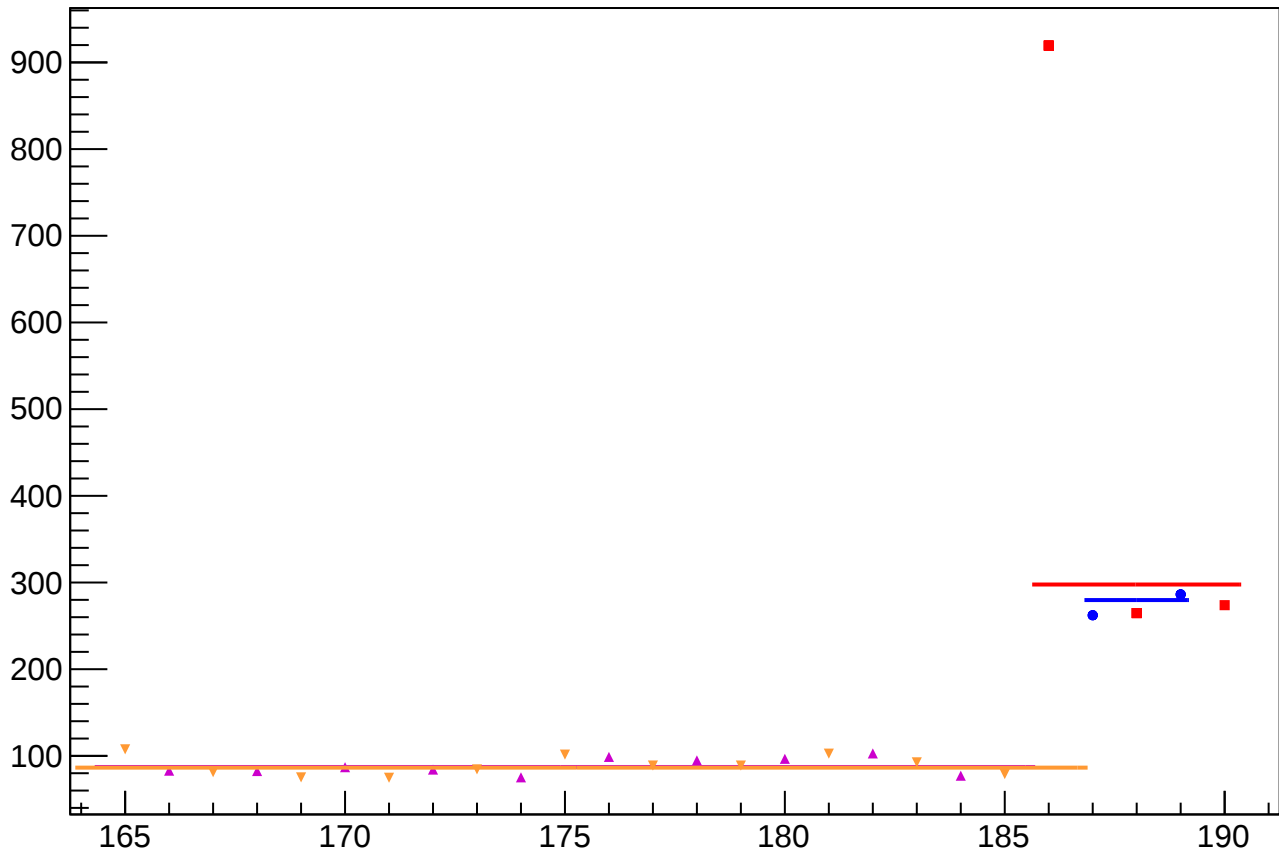
Left In: -44.278 ± 32.914 $\chi^2/\text{NDF}: 12.1/9$

+ sign 7.919 ± 31.271 $\chi^2/\text{NDF}: 8.2/14$

All: -15.682 ± 22.562 $\chi^2/\text{NDF}: 22.7/29$

- sign -41.310 ± 32.585 $\chi^2/\text{NDF}: 13.2/14$

dit_asym_sam_26_avg_rms vs Slug



Right In: 279.757 $\pm$ 0.179 χ^2 /NDF: 3575.0/3

Left Out: 86.447 $\pm$ 0.022 χ^2 /NDF: 208417.6/10

Right Out: 297.696 $\pm$ 0.163 χ^2 /NDF: 721514.0/4

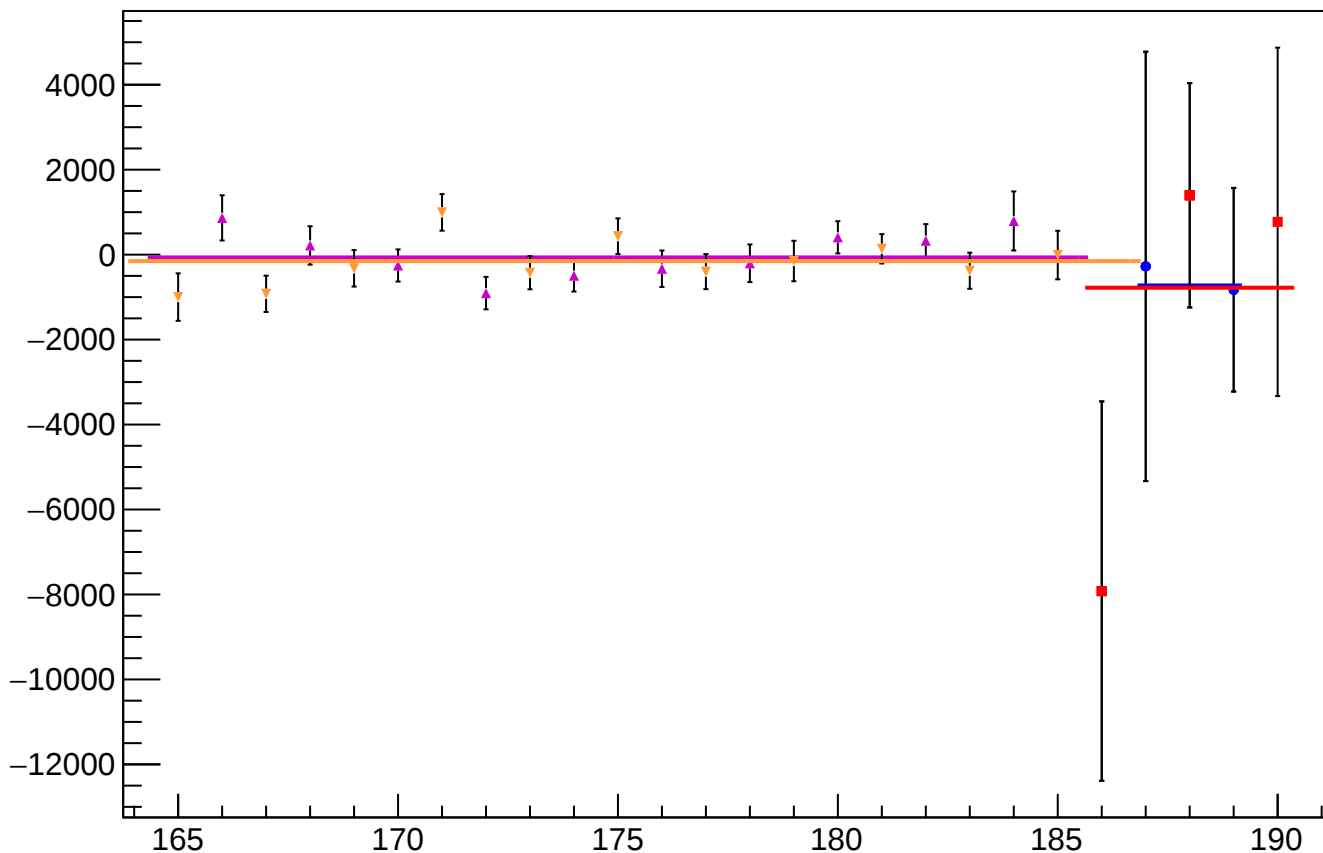
Left In: 87.195 $\pm$ 0.023 χ^2 /NDF: 141138.3/9

+ sign 89.385 $\pm$ 0.022 χ^2 /NDF: 1356038.5/14

All: 90.340 $\pm$ 0.016 χ^2 /NDF: 3847628.6/29

- sign 91.377 $\pm$ 0.023 χ^2 /NDF: 2487701.6/14

asym_sam_26_avg_correction_mean vs Slug



Right In: -725.500 ± 1531.435 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -152.321 ± 130.176 $\chi^2/\text{NDF}: 16.6/10$

Right Out: -778.601 ± 1496.362 $\chi^2/\text{NDF}: 6.6/4$

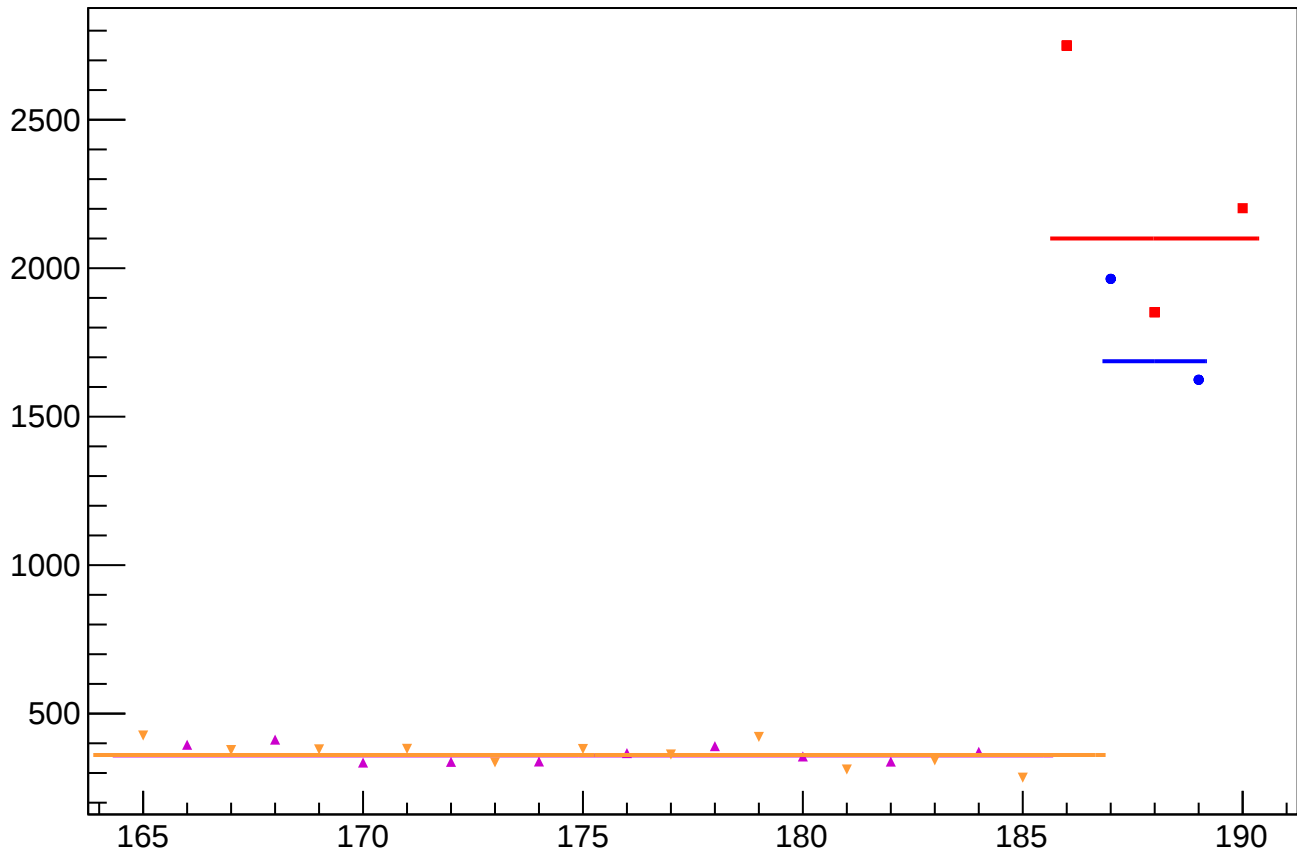
Left In: -65.215 ± 134.198 $\chi^2/\text{NDF}: 14.4/9$

+ sign -156.433 ± 129.708 $\chi^2/\text{NDF}: 16.8/14$

All: -114.954 ± 93.084 $\chi^2/\text{NDF}: 38.3/29$

- sign -70.907 ± 133.662 $\chi^2/\text{NDF}: 21.3/14$

asym_sam_26_avg_correction_rms vs Slug



Right In: 1686.728+/-1.083 χ^2/NDF : 14762.6/3

Left Out: 360.602+/-0.092 χ^2/NDF : 163977.8/10

Right Out: 2100.077+/-1.058 χ^2/NDF : 121247.0/4

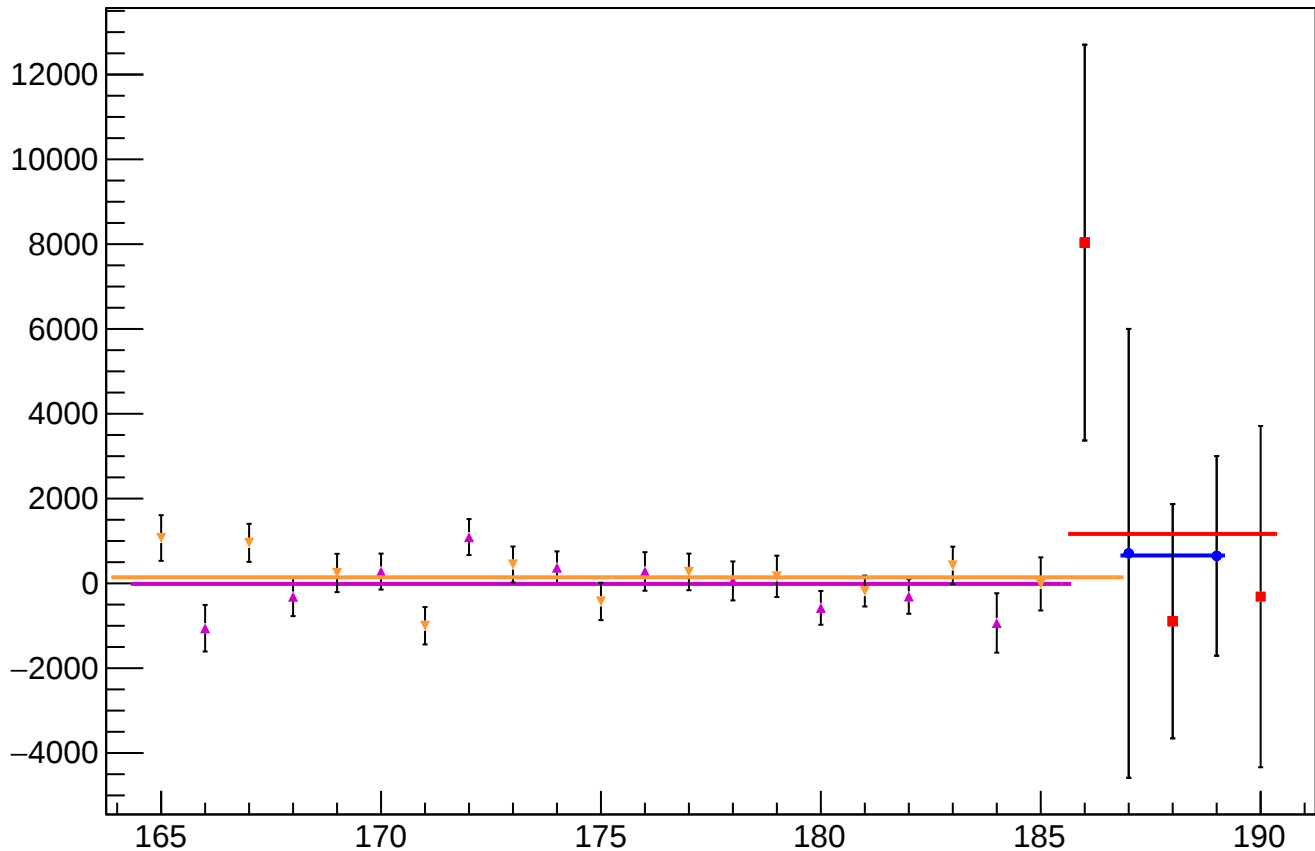
Left In: 359.083+/-0.095 χ^2/NDF : 74312.5/9

+ sign 370.115+/-0.092 χ^2/NDF : 1667675.5/14

All: 371.502+/-0.066 χ^2/NDF : 4549494.6/29

- sign 372.974+/-0.095 χ^2/NDF : 2881347.9/14

asym_sam_26_avg_mean vs Slug



Right In: 658.374+/-1521.509 χ^2/NDF : 0.0/3

Left Out: 142.974+/-136.137 χ^2/NDF : 16.5/10

Right Out: 1166.838+/-1551.137 χ^2/NDF : 5.6/4

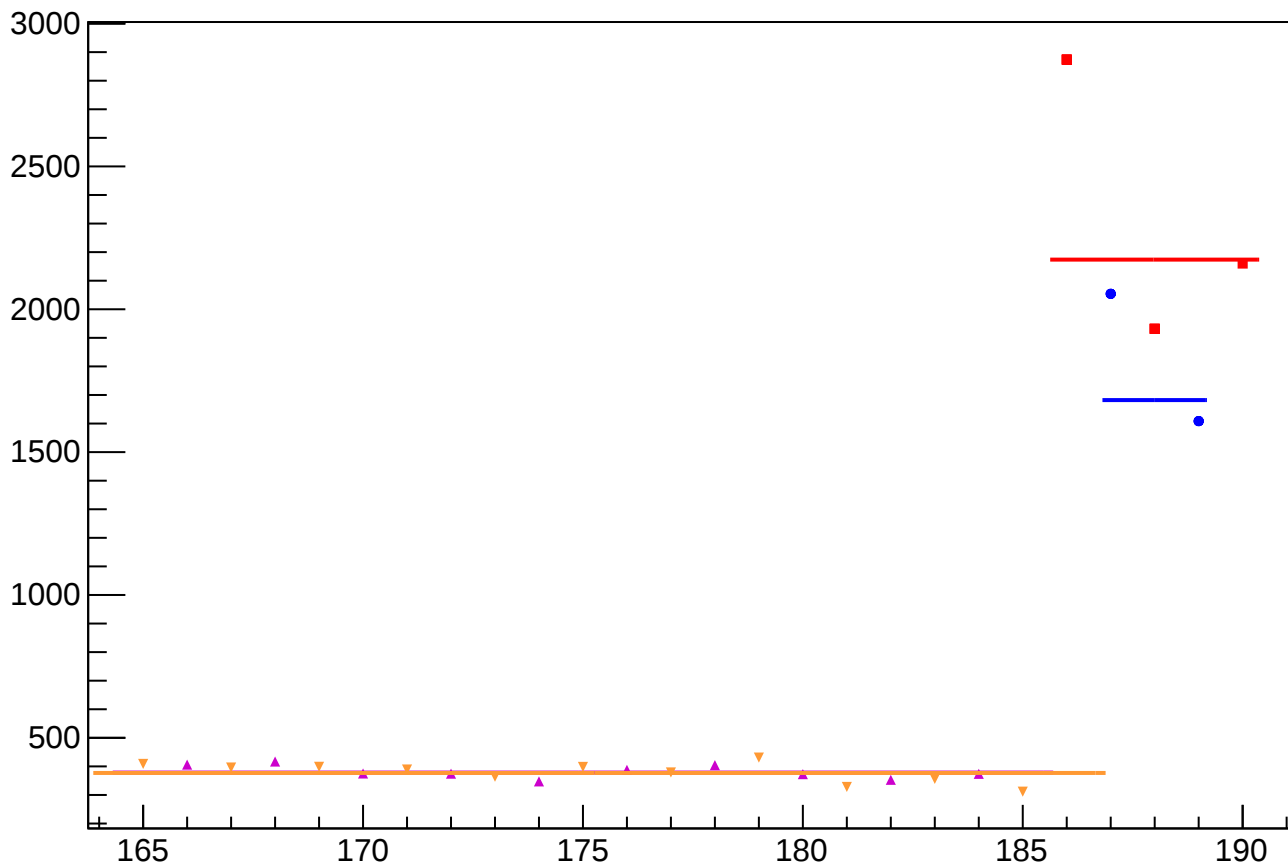
Left In: -12.324+/-141.521 χ^2/NDF : 17.0/9

+ sign 147.067+/-135.596 χ^2/NDF : 16.6/14

All: 75.128+/-97.714 χ^2/NDF : 40.4/29

- sign -2.590+/-140.935 χ^2/NDF : 23.2/14

asym_sam_26_avg_rms vs Slug



Right In: 1682.123 $\pm$ 1.076 χ^2/NDF : 23676.4/3

Left Out: 377.056 $\pm$ 0.096 χ^2/NDF : 109844.9/10

Right Out: 2173.806 $\pm$ 1.097 χ^2/NDF : 120693.2/4

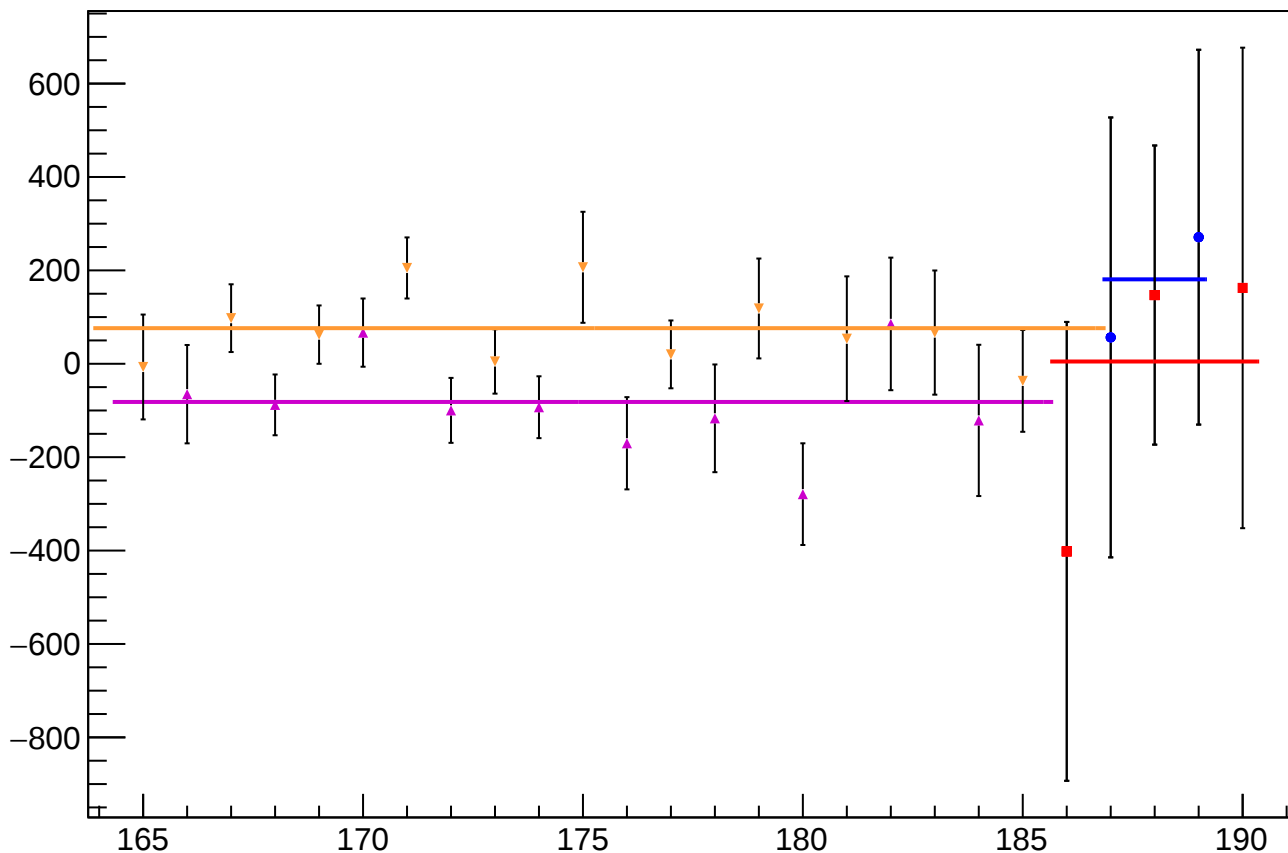
Left In: 378.448 $\pm$ 0.100 χ^2/NDF : 48091.5/9

+ sign 387.421 $\pm$ 0.096 χ^2/NDF : 1593286.8/14

All: 390.233 $\pm$ 0.069 χ^2/NDF : 4421104.0/29

- sign 393.270 $\pm$ 0.100 χ^2/NDF : 2826028.3/14

dit_asym_sam_37_avg_mean vs Slug



Right In: 180.806 $\pm$ 216.003 χ^2 /NDF: 0.2/3

Left Out: 76.265 $\pm$ 25.693 χ^2 /NDF: 8.7/10

Right Out: 4.878 $\pm$ 178.015 χ^2 /NDF: 1.9/4

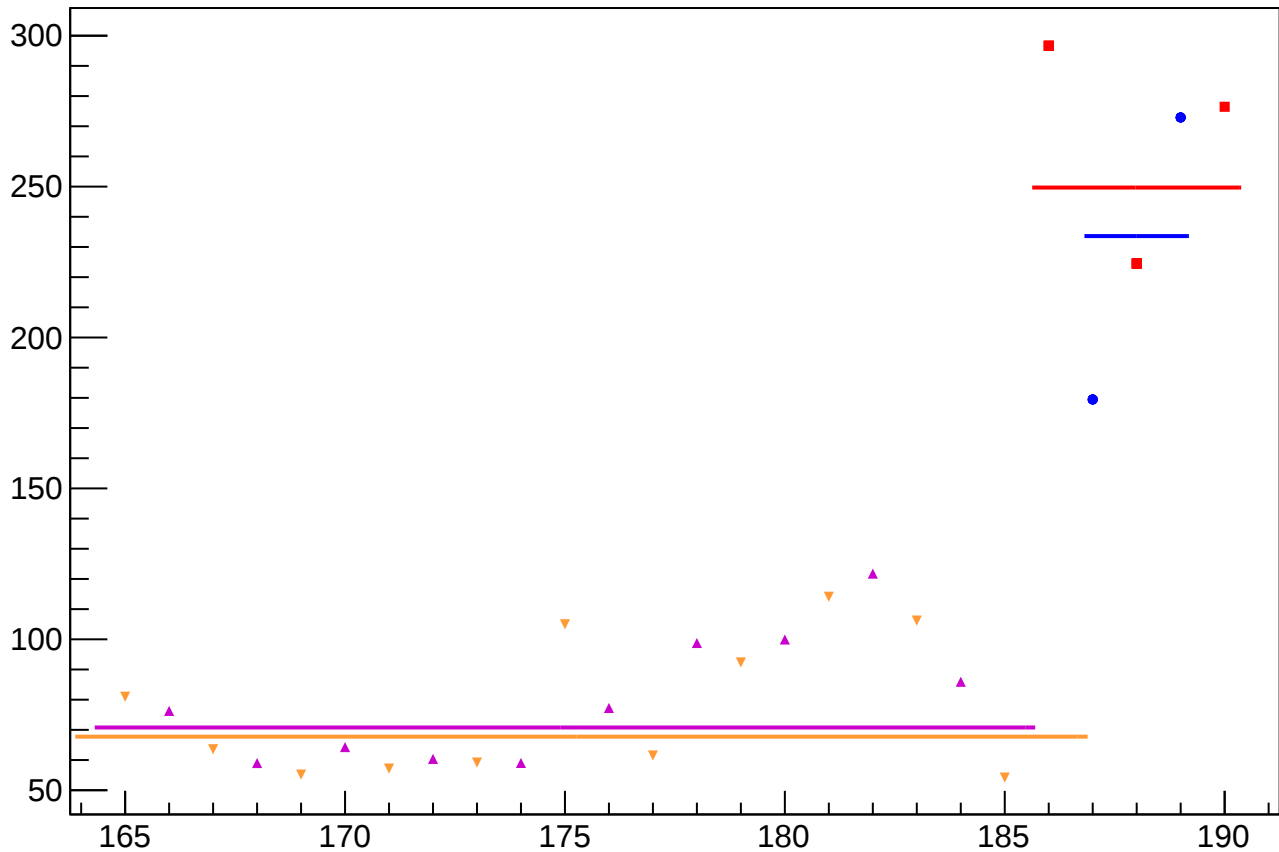
Left In: -81.755 $\pm$ 27.755 χ^2 /NDF: 9.9/9

+ sign 77.724 $\pm$ 25.514 χ^2 /NDF: 9.2/14

All: 4.685 $\pm$ 18.680 χ^2 /NDF: 38.8/29

- sign -79.699 $\pm$ 27.424 χ^2 /NDF: 12.0/14

dit_asym_sam_37_avg_rms vs Slug



Right In: 233.606 $\pm$ 0.153 χ^2 /NDF: 91209.7/3

Left Out: 67.743 $\pm$ 0.018 χ^2 /NDF: 954799.5/10

Right Out: 249.688 $\pm$ 0.126 χ^2 /NDF: 66694.8/4

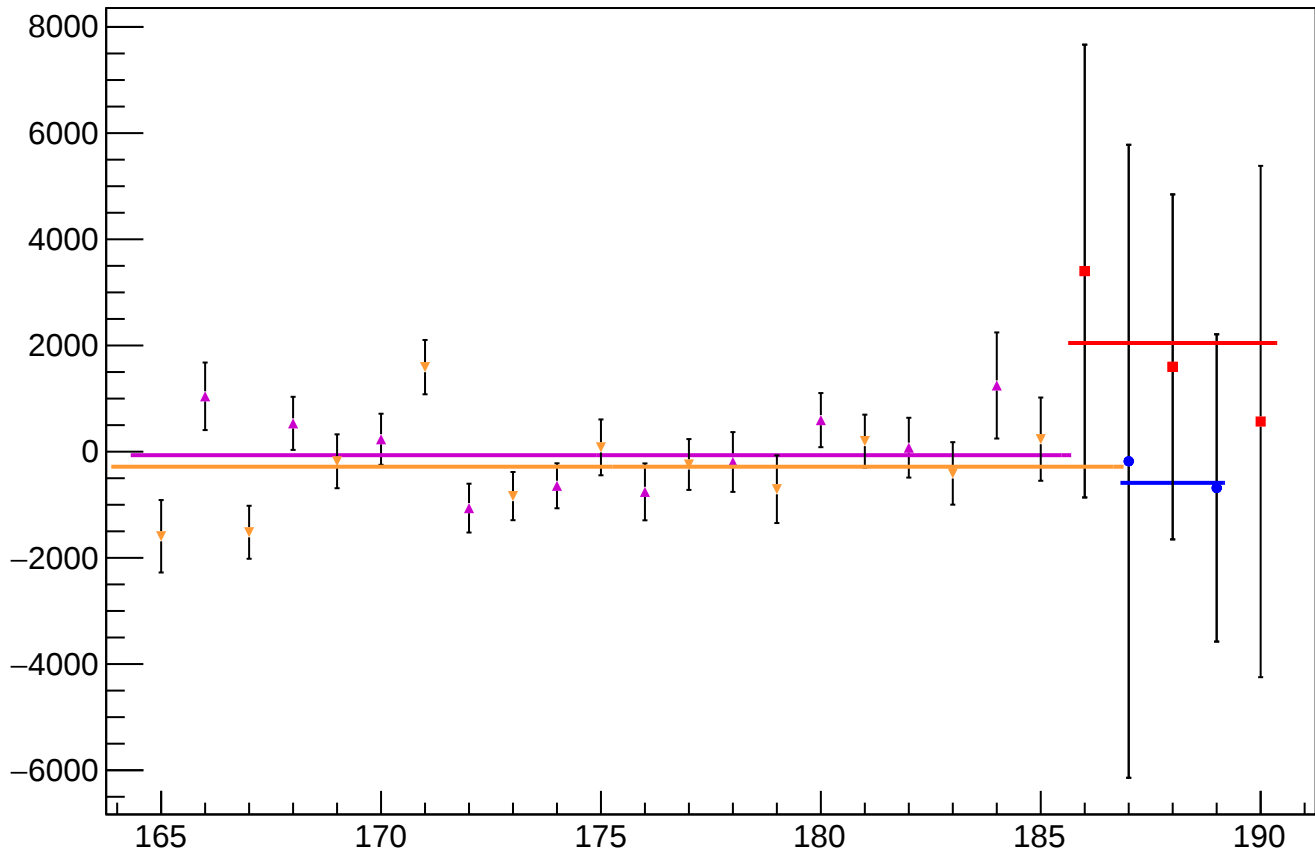
Left In: 70.787 $\pm$ 0.020 χ^2 /NDF: 739845.2/9

+ sign 70.057 $\pm$ 0.018 χ^2 /NDF: 2208813.1/14

All: 72.366 $\pm$ 0.013 χ^2 /NDF: 5022678.7/29

- sign 75.033 $\pm$ 0.019 χ^2 /NDF: 2778571.1/14

asym_sam_37_avg_correction_mean vs Slug



Right In: -587.139+/-1840.856 χ^2/NDF : 0.0/3

Left Out: -283.330+/-162.830 χ^2/NDF : 27.1/10

Right Out: 2047.012+/-1708.496 χ^2/NDF : 0.3/4

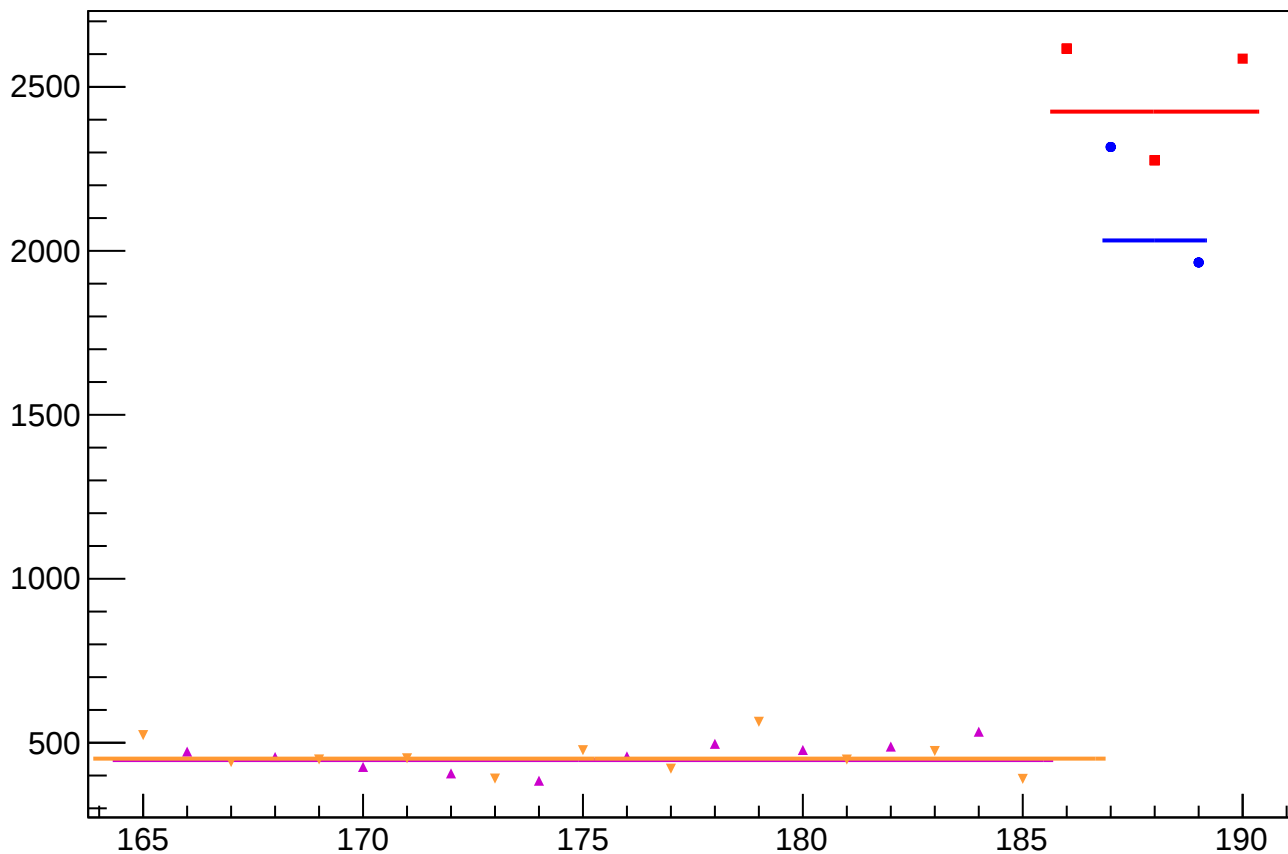
Left In: -66.175+/-167.285 χ^2/NDF : 16.6/9

+ sign -285.689+/-162.197 χ^2/NDF : 27.2/14

All: -169.027+/-116.178 χ^2/NDF : 46.7/29

- sign -46.108+/-166.489 χ^2/NDF : 18.5/14

asym_sam_37_avg_correction_rms vs Slug



Right In: 2031.774+/-1.302 χ^2/NDF : 11295.6/3

Left Out: 451.540+/-0.115 χ^2/NDF : 149758.2/10

Right Out: 2424.600+/-1.208 χ^2/NDF : 18692.6/4

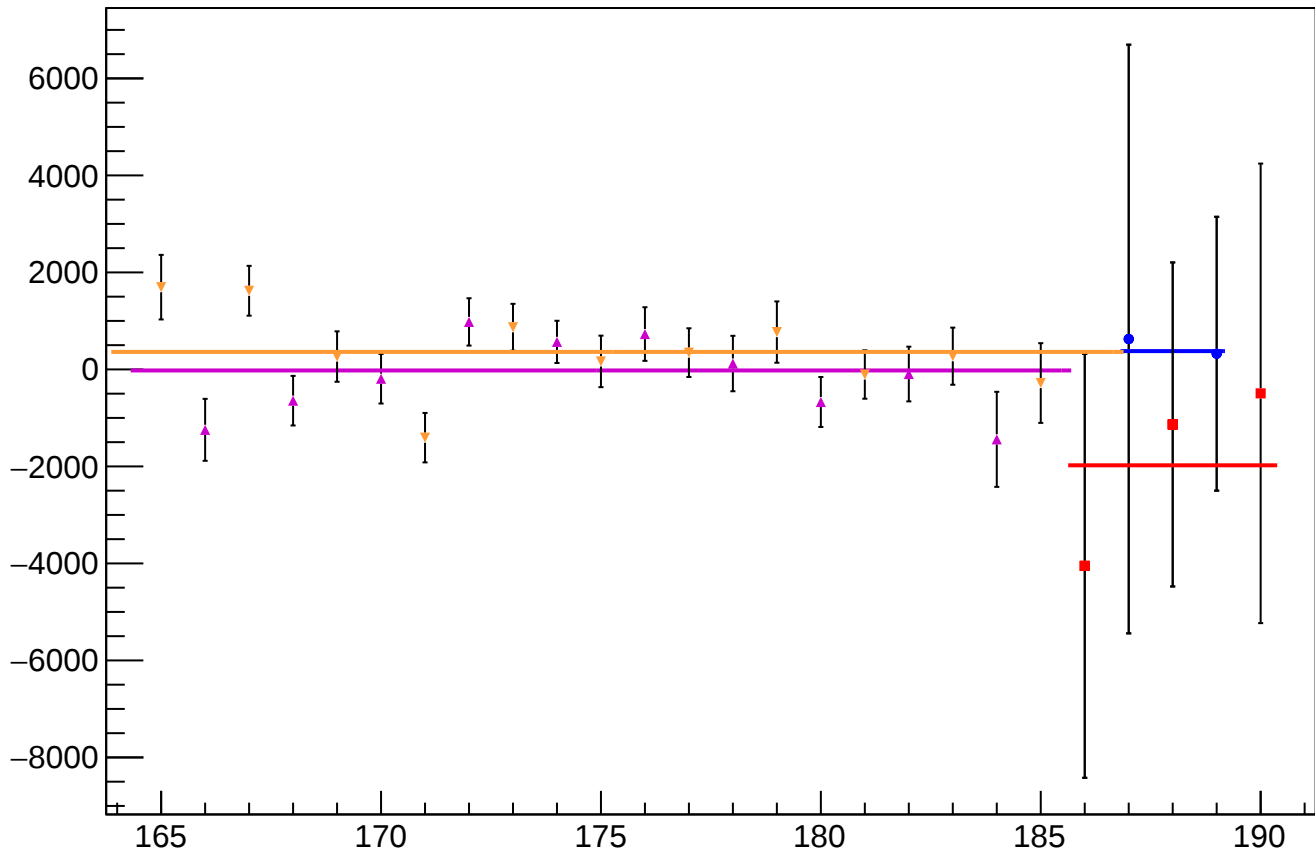
Left In: 447.151+/-0.118 χ^2/NDF : 116895.4/9

+ sign 463.808+/-0.115 χ^2/NDF : 1623393.4/14

All: 464.841+/-0.082 χ^2/NDF : 4412953.3/29

- sign 465.929+/-0.118 χ^2/NDF : 2789393.4/14

asym_sam_37_avg_mean vs Slug



Right In: 377.408 $\pm$ 1810.144 χ^2 /NDF: 0.0/3

Left Out: 361.126 $\pm$ 166.006 χ^2 /NDF:25.3/10

Right Out: -1977.160 $\pm$ 1744.658 χ^2 /NDF: 0.7/4

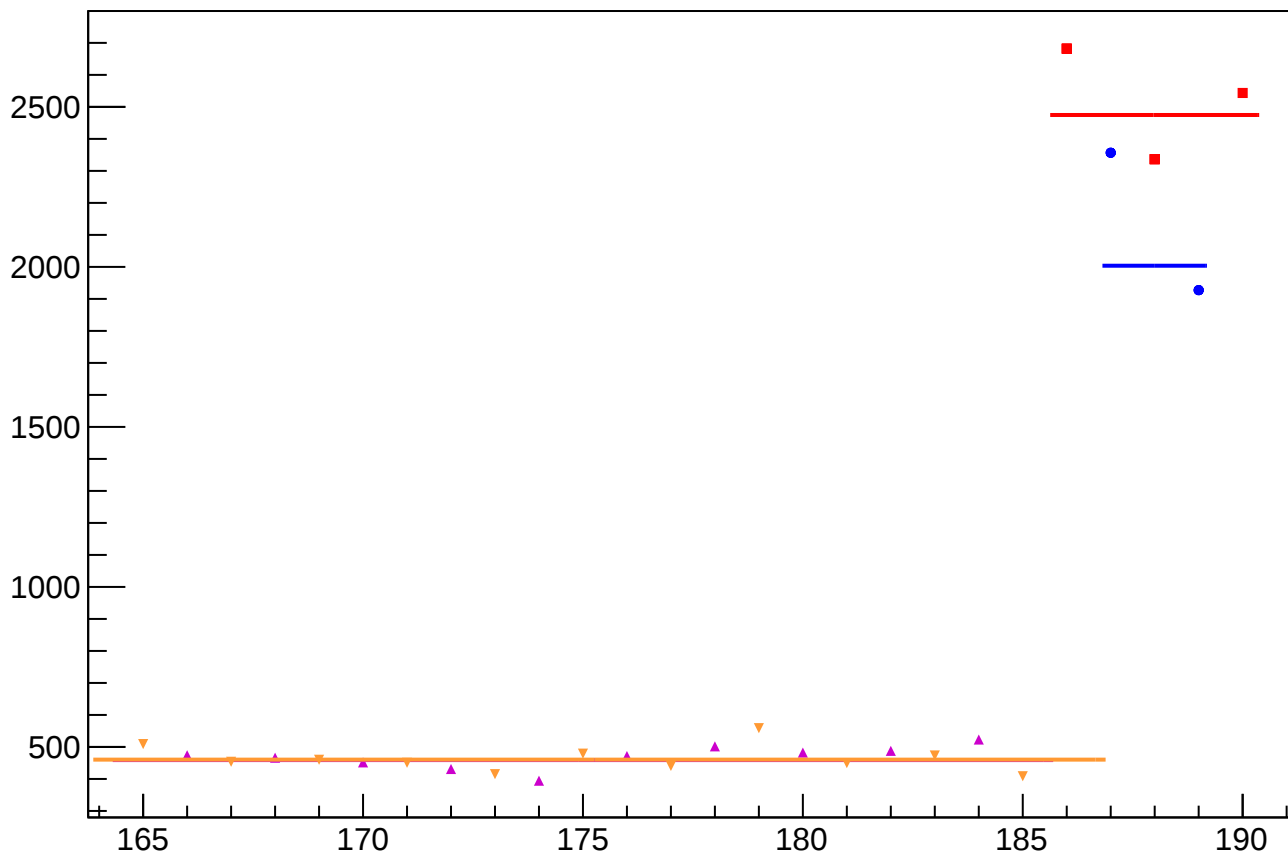
Left In: -21.377 $\pm$ 171.793 χ^2 /NDF:16.9/9

+ sign 361.262 $\pm$ 165.312 χ^2 /NDF: 25.3/14

All: 167.299 $\pm$ 118.842 χ^2 /NDF: 47.0/29

- sign -40.159 $\pm$ 170.967 χ^2 /NDF: 18.9/14

asym_sam_37_avg_rms vs Slug



Right In: 2003.685+/-1.280 χ^2/NDF : 16467.9/3

Left Out: 460.365+/-0.117 χ^2/NDF : 93362.8/10

Right Out: 2474.692+/-1.234 χ^2/NDF : 16263.9/4

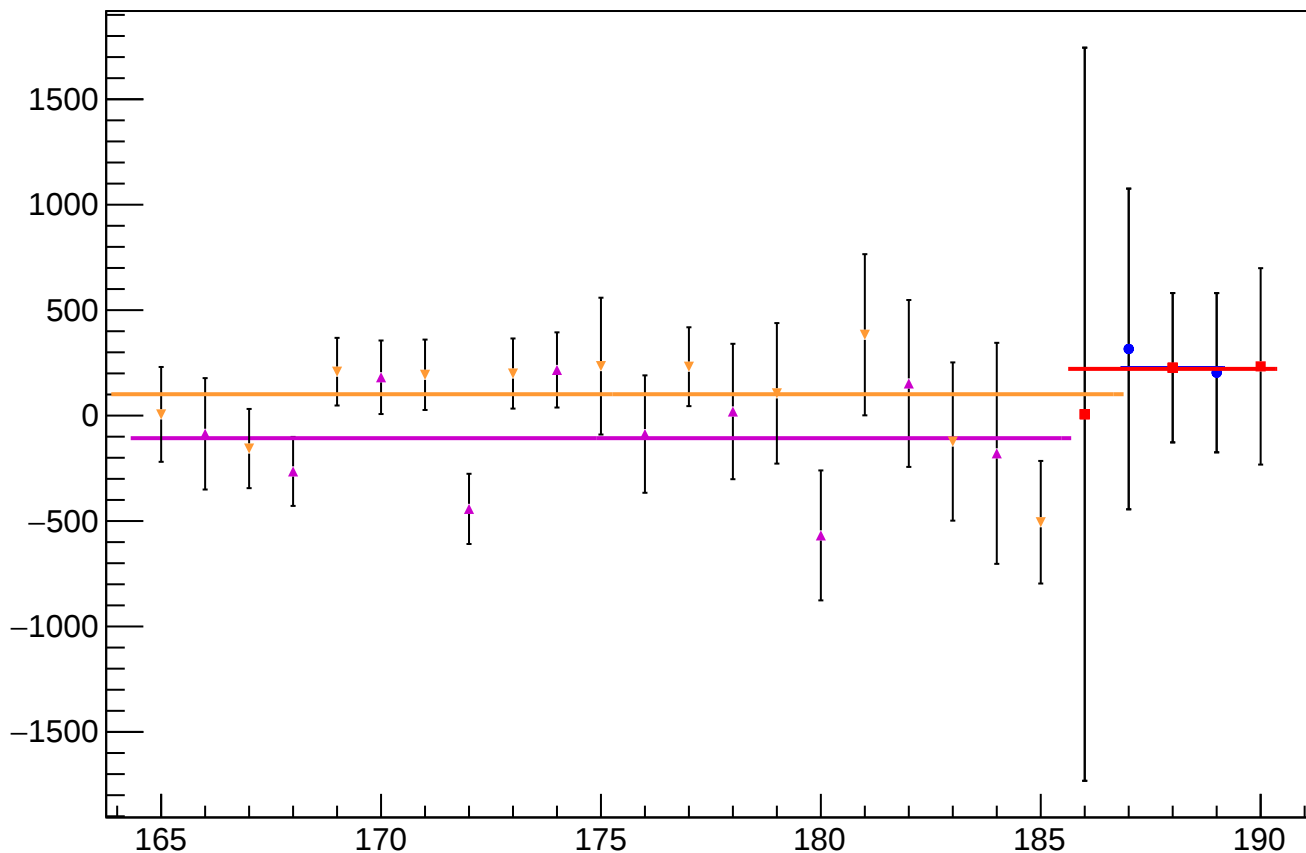
Left In: 458.953+/-0.121 χ^2/NDF : 82610.6/9

+ sign 473.237+/-0.117 χ^2/NDF : 1551541.4/14

All: 475.688+/-0.084 χ^2/NDF : 4295485.3/29

- sign 478.310+/-0.121 χ^2/NDF : 2743034.0/14

dit_asym_sam_48_avg_mean vs Slug



Right In: 225.600 ± 239.117 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 101.338 ± 65.655 $\chi^2/\text{NDF}: 9.1/10$

Right Out: 221.484 ± 217.055 $\chi^2/\text{NDF}: 0.0/4$

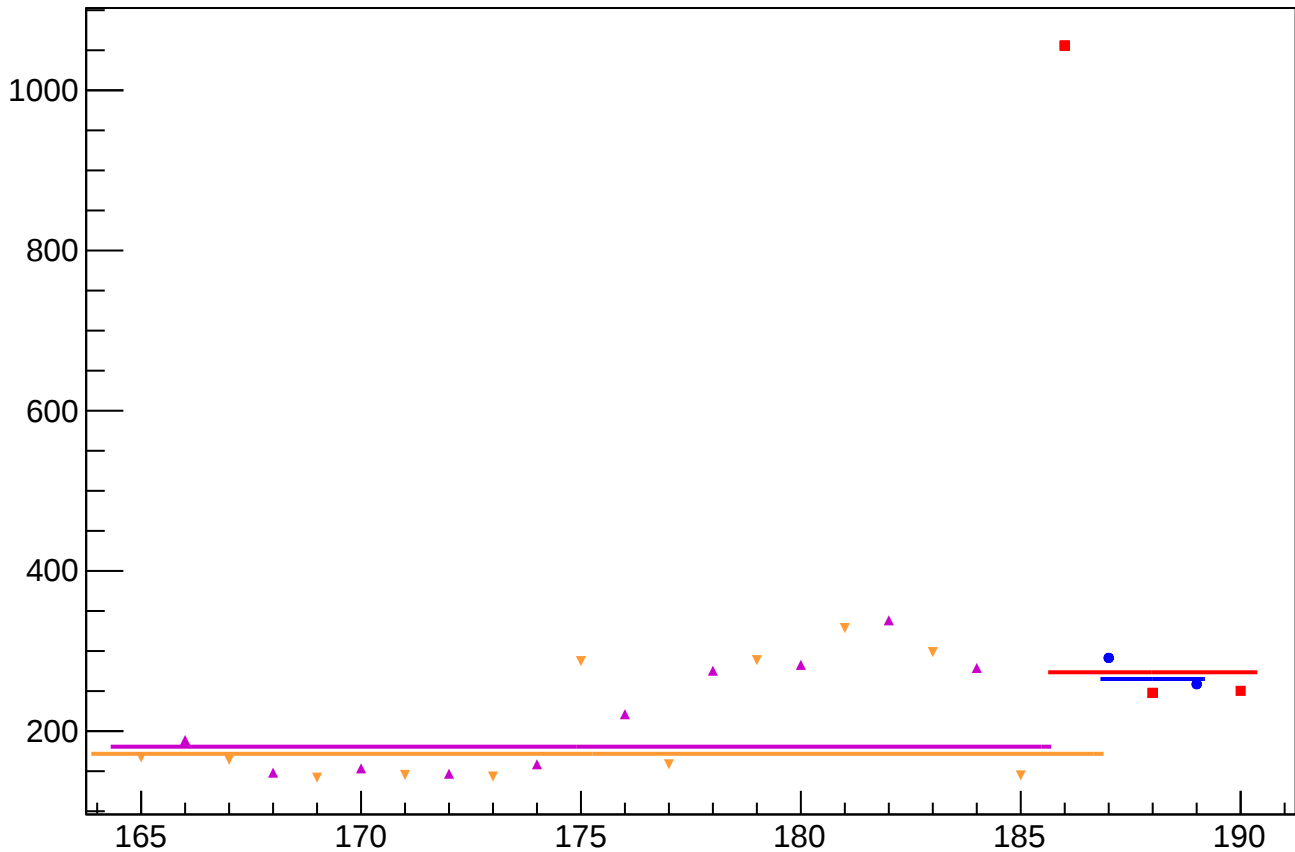
Left In: -107.102 ± 71.545 $\chi^2/\text{NDF}: 13.9/9$

+ sign 110.049 ± 63.312 $\chi^2/\text{NDF}: 9.4/14$

All: 24.100 ± 46.321 $\chi^2/\text{NDF}: 29.3/29$

- sign -74.901 ± 67.949 $\chi^2/\text{NDF}: 16.0/14$

dit_asym_sam_48_avg_rms vs Slug



Right In: 265.099 $\pm$ 0.169 χ^2 /NDF: 5980.4/3

Left Out: 171.715 $\pm$ 0.046 χ^2 /NDF:1275404.3/10

Right Out: 273.480 $\pm$ 0.153 χ^2 /NDF: 836325.5/4

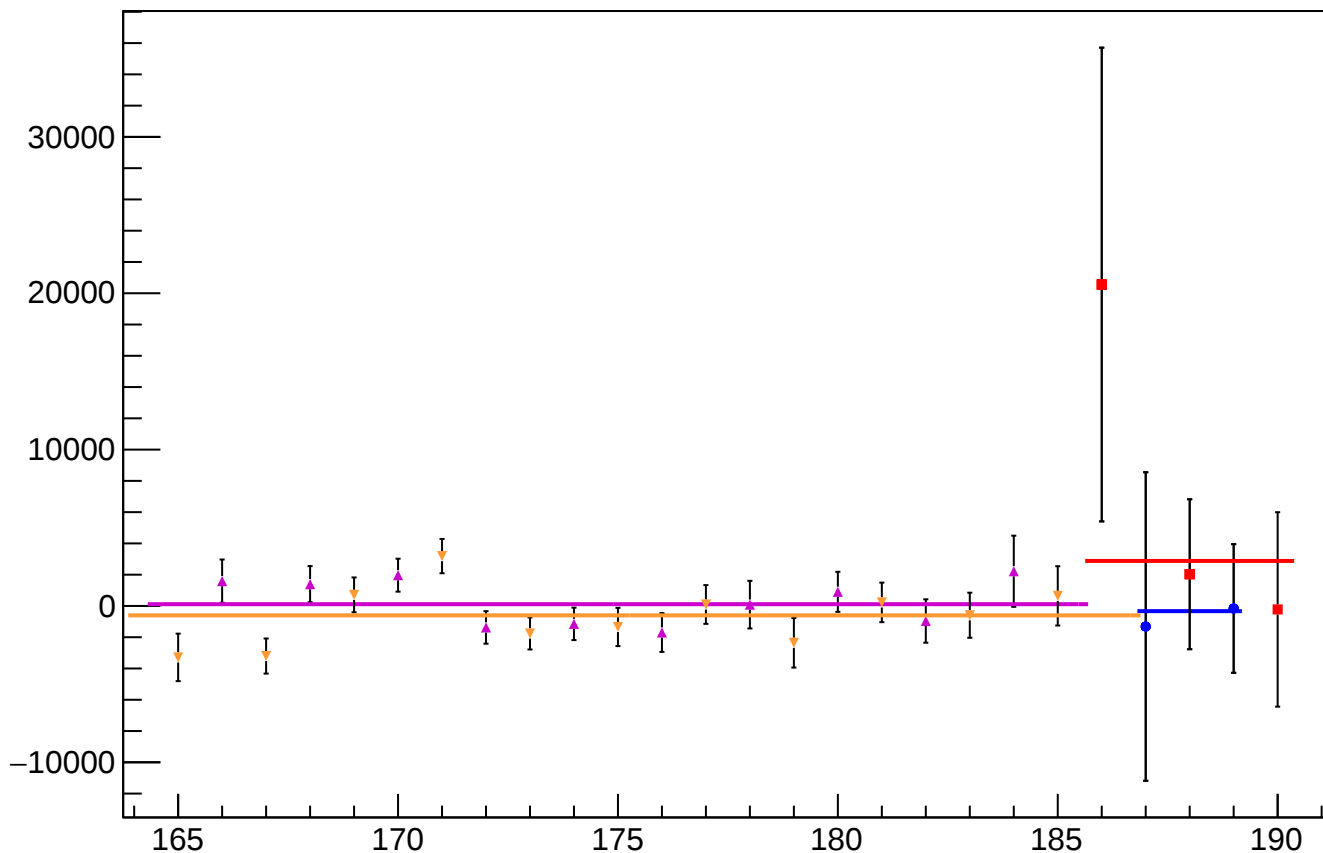
Left In: 180.592 $\pm$ 0.051 χ^2 /NDF:1066233.8/9

+ sign 178.262 $\pm$ 0.045 χ^2 /NDF: 1565034.1/14

All: 183.575 $\pm$ 0.033 χ^2 /NDF: 3828281.2/29

- sign 189.695 $\pm$ 0.048 χ^2 /NDF: 2232938.4/14

asym_sam_48_avg_correction_mean vs Slug



Right In: -332.378+/-2685.336 χ^2/NDF : 0.0/3

Left Out: -601.461+/-380.183 χ^2/NDF : 25.9/10

Right Out: 2879.012+/-2868.585 χ^2/NDF : 3.0/4

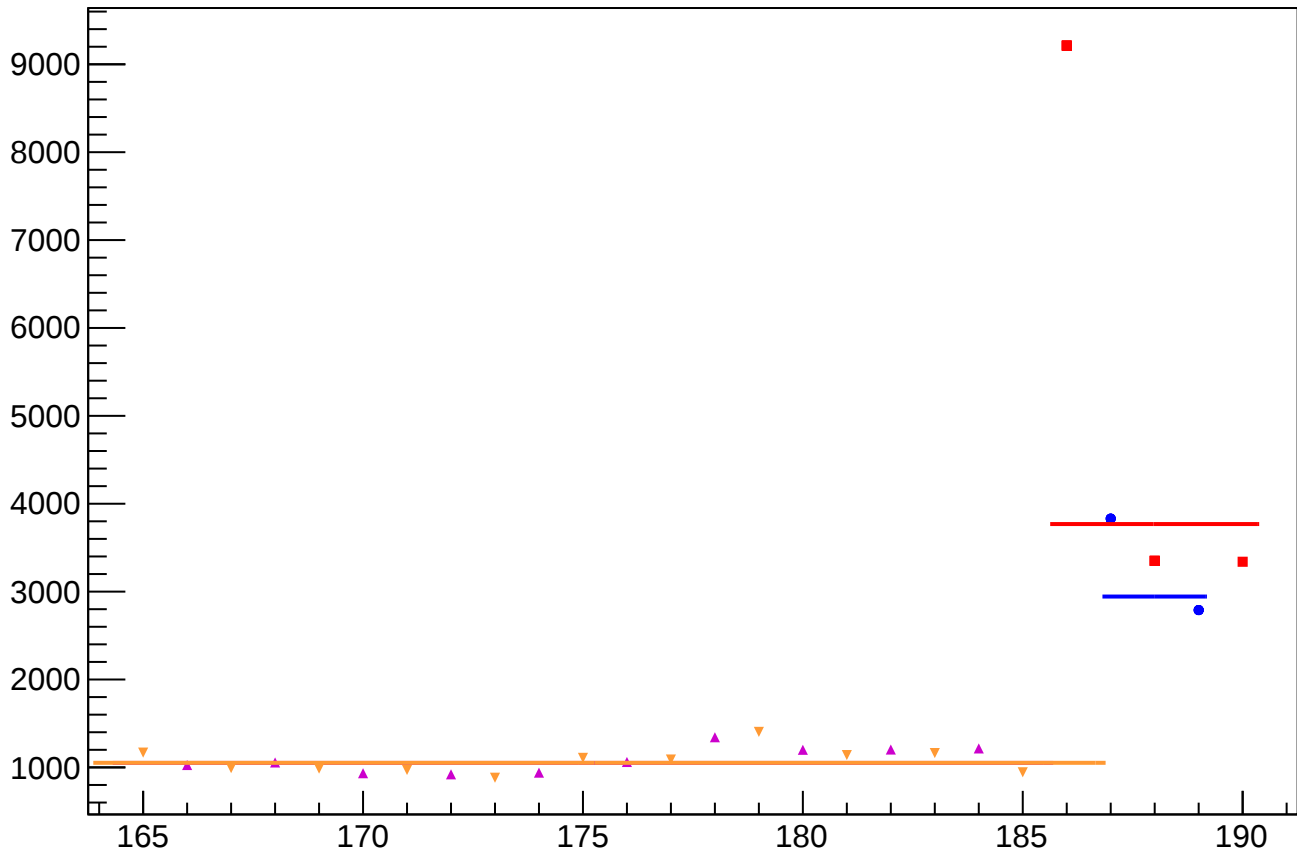
Left In: 112.579+/-394.385 χ^2/NDF : 13.0/9

+ sign -596.173+/-376.429 χ^2/NDF : 25.9/14

All: -230.281+/-271.084 χ^2/NDF : 44.8/29

- sign 163.900+/-390.710 χ^2/NDF : 16.9/14

asym_sam_48_avg_correction_rms vs Slug



Right In: 2943.987+/-1.899 χ^2/NDF : 37939.4/3

Left Out: 1052.077+/-0.269 χ^2/NDF : 223137.6/10

Right Out: 3768.820+/-2.028 χ^2/NDF : 556407.9/4

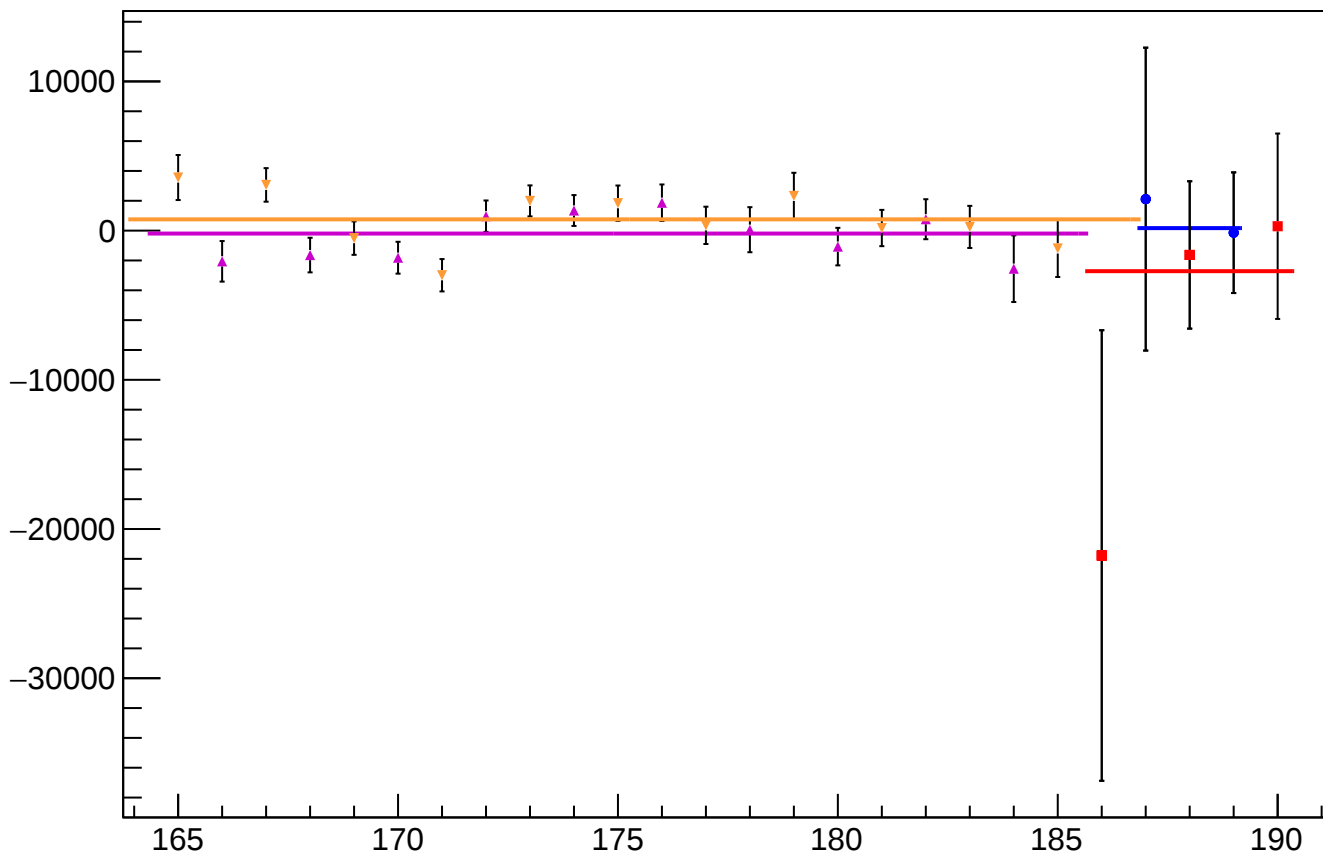
Left In: 1050.666+/-0.279 χ^2/NDF : 214889.3/9

+ sign 1089.254+/-0.266 χ^2/NDF : 1234305.3/14

All: 1094.952+/-0.192 χ^2/NDF : 3768978.2/29

- sign 1101.091+/-0.276 χ^2/NDF : 2533720.8/14

asym_sam_48_avg_mean vs Slug



Right In: 168.338 $\pm$ 2656.307 χ^2 /NDF: 0.1/3

Left Out: 755.483 $\pm$ 377.319 χ^2 /NDF: 25.6/10

Right Out: -2717.604 $\pm$ 2927.859 χ^2 /NDF: 3.5/4

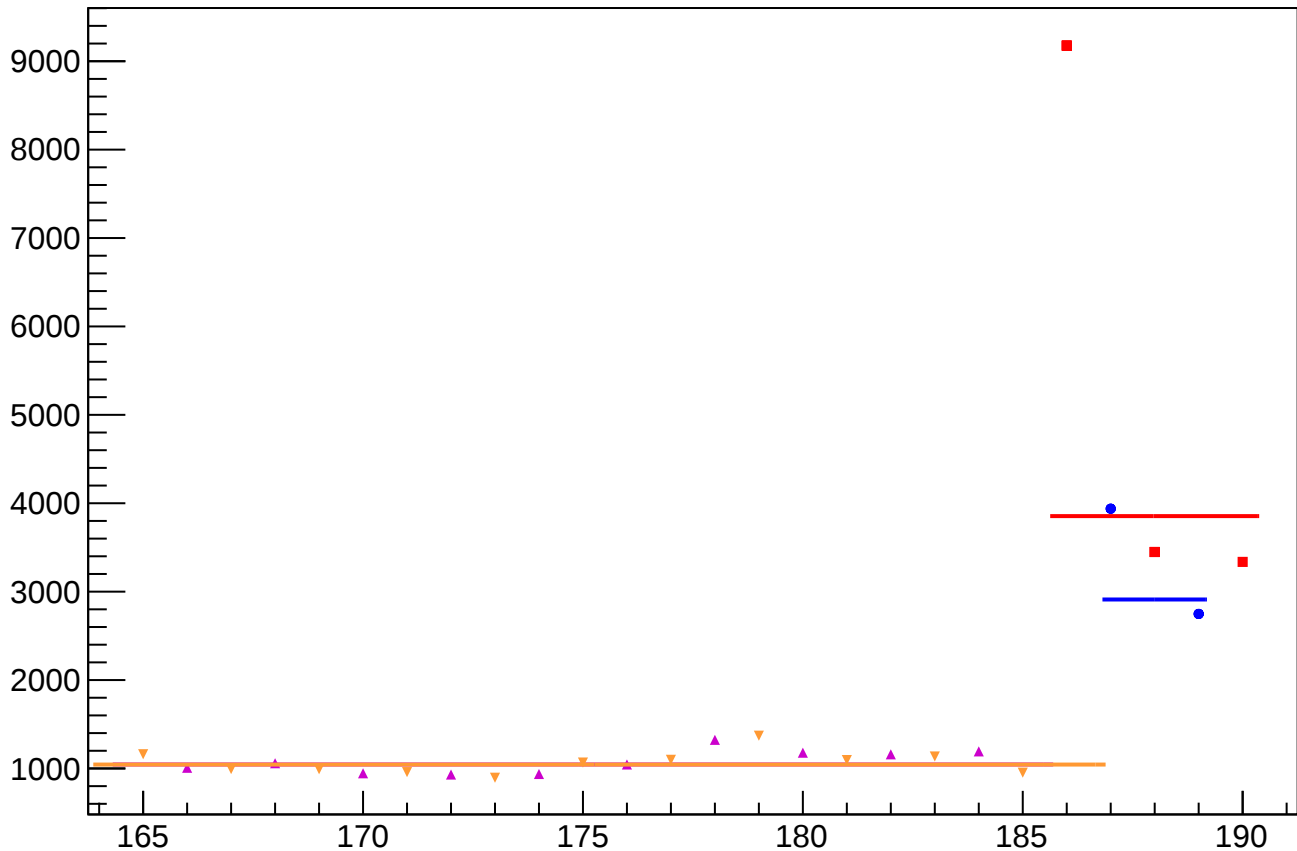
Left In: -196.430 $\pm$ 392.294 χ^2 /NDF: 14.2/9

+ sign 743.870 $\pm$ 373.569 χ^2 /NDF: 25.8/14

All: 271.179 $\pm$ 269.383 χ^2 /NDF: 47.5/29

- sign -240.893 $\pm$ 388.819 χ^2 /NDF: 18.4/14

asym_sam_48_avg_rms vs Slug



Right In: 2911.294+/-1.878 χ^2/NDF : 47458.5/3

Left Out: 1044.107+/-0.267 χ^2/NDF : 183699.5/10

Right Out: 3854.460+/-2.070 χ^2/NDF : 537814.3/4

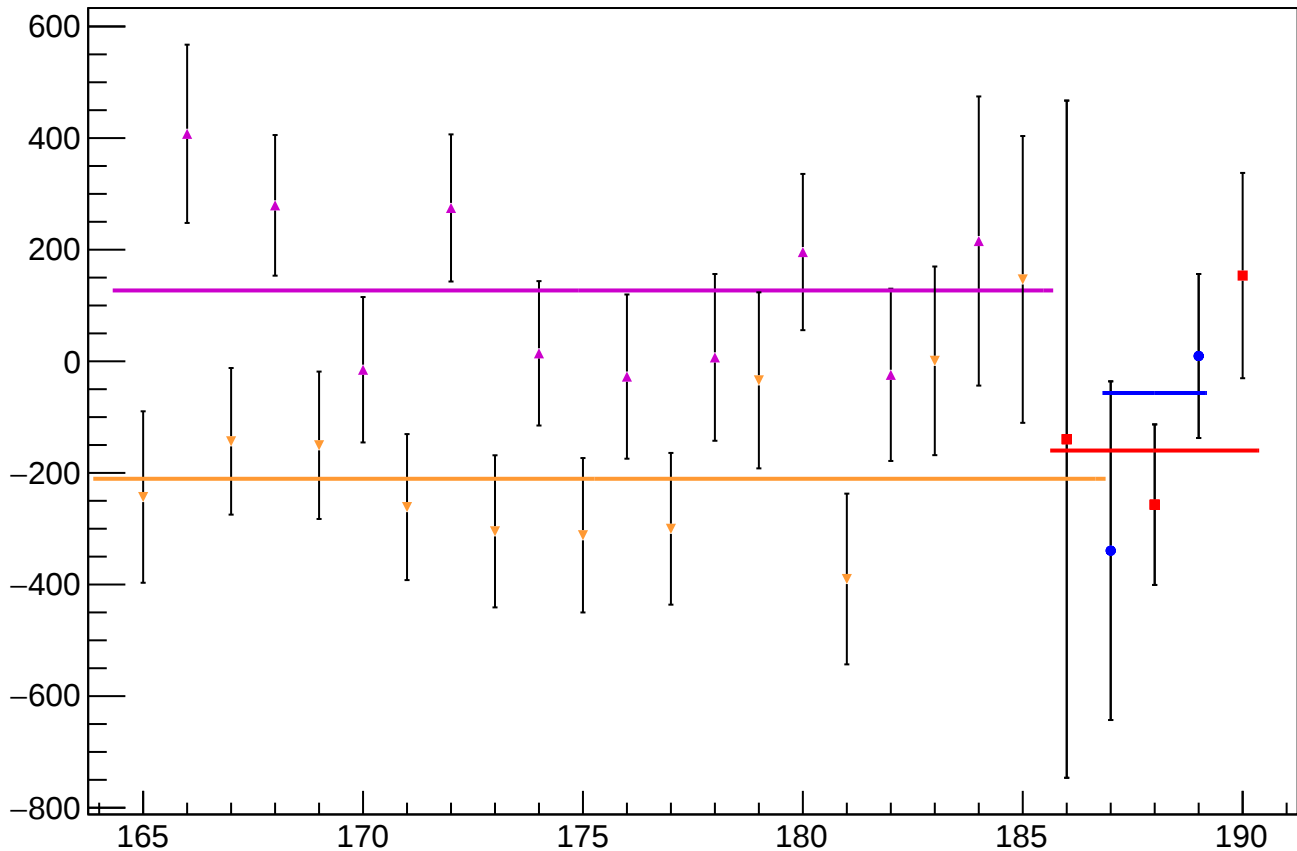
Left In: 1045.037+/-0.277 χ^2/NDF : 178384.1/9

+ sign 1081.037+/-0.264 χ^2/NDF : 1199822.4/14

All: 1087.539+/-0.190 χ^2/NDF : 3726274.7/29

- sign 1094.583+/-0.275 χ^2/NDF : 2525189.9/14

dit_asym_sam_15_dd_mean vs Slug



Right In: -56.777 ± 93.522 χ^2/NDF : 2.1/3

Left Out: -210.517 ± 44.309 χ^2/NDF : 8.2/10

Right Out: -159.901 ± 87.161 χ^2/NDF : 3.8/4

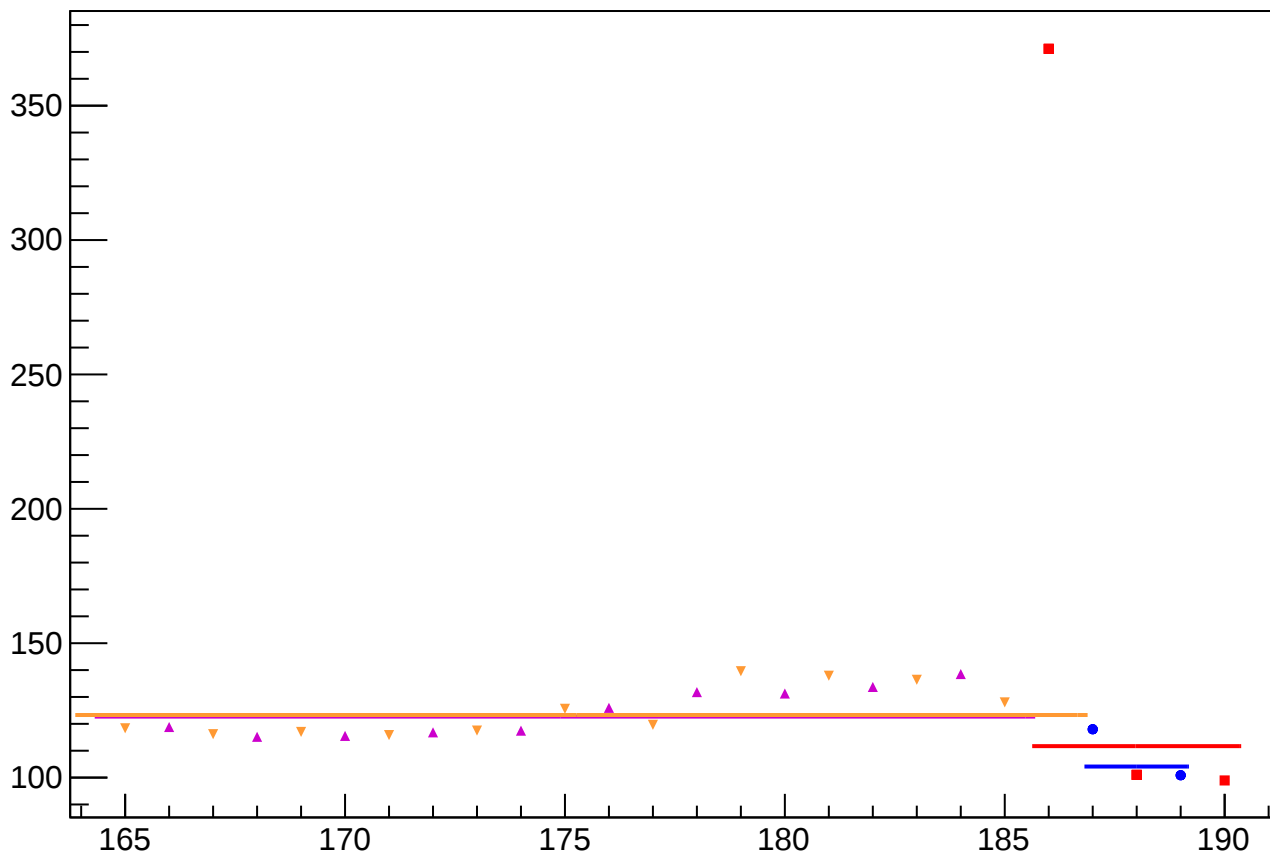
Left In: 126.948 ± 45.775 χ^2/NDF : 10.8/9

+ sign -182.333 ± 40.042 χ^2/NDF : 12.6/14

All: -60.184 ± 28.484 χ^2/NDF : 54.5/29

- sign 64.936 ± 40.526 χ^2/NDF : 23.1/14

dit_asym_sam_15_dd_rms vs Slug



Right In: 104.113 $\pm$ 0.066 χ^2 /NDF: 10302.6/3

Left Out: 123.287 $\pm$ 0.031 χ^2 /NDF: 76926.4/10

Right Out: 111.701 $\pm$ 0.062 χ^2 /NDF: 763047.1/4

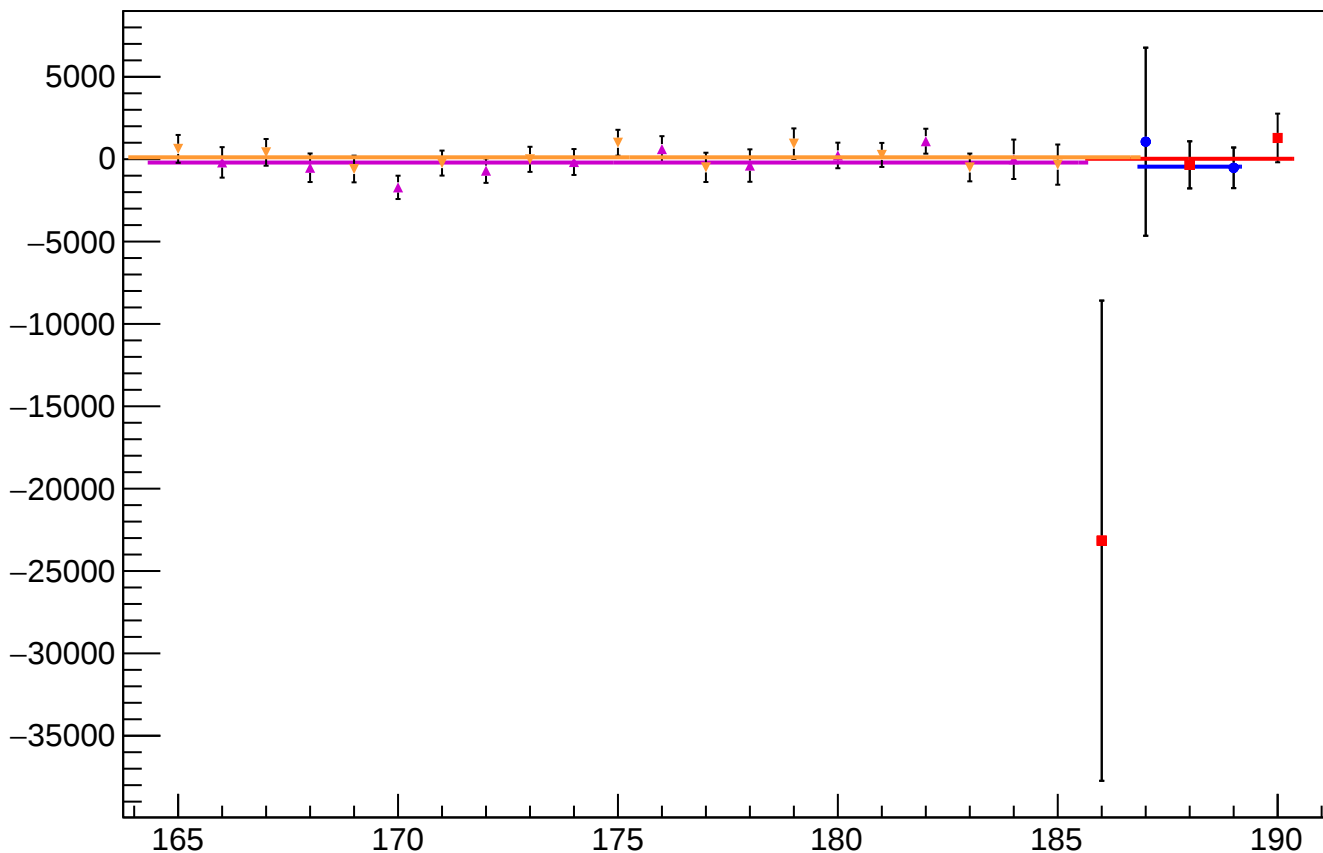
Left In: 122.692 $\pm$ 0.032 χ^2 /NDF: 55224.2/9

+ sign 119.772 $\pm$ 0.028 χ^2 /NDF: 155883.9/14

All: 120.041 $\pm$ 0.020 χ^2 /NDF: 999265.8/29

- sign 120.316 $\pm$ 0.029 χ^2 /NDF: 843199.3/14

asym_sam_15_dd_correction_mean vs Slug



Right In: -452.828+/-852.044 χ^2 /NDF: 0.1/3

Left Out: 115.239+/-250.740 χ^2 /NDF:4.8/10

Right Out: 25.881+/-831.551 χ^2 /NDF: 5.9/4

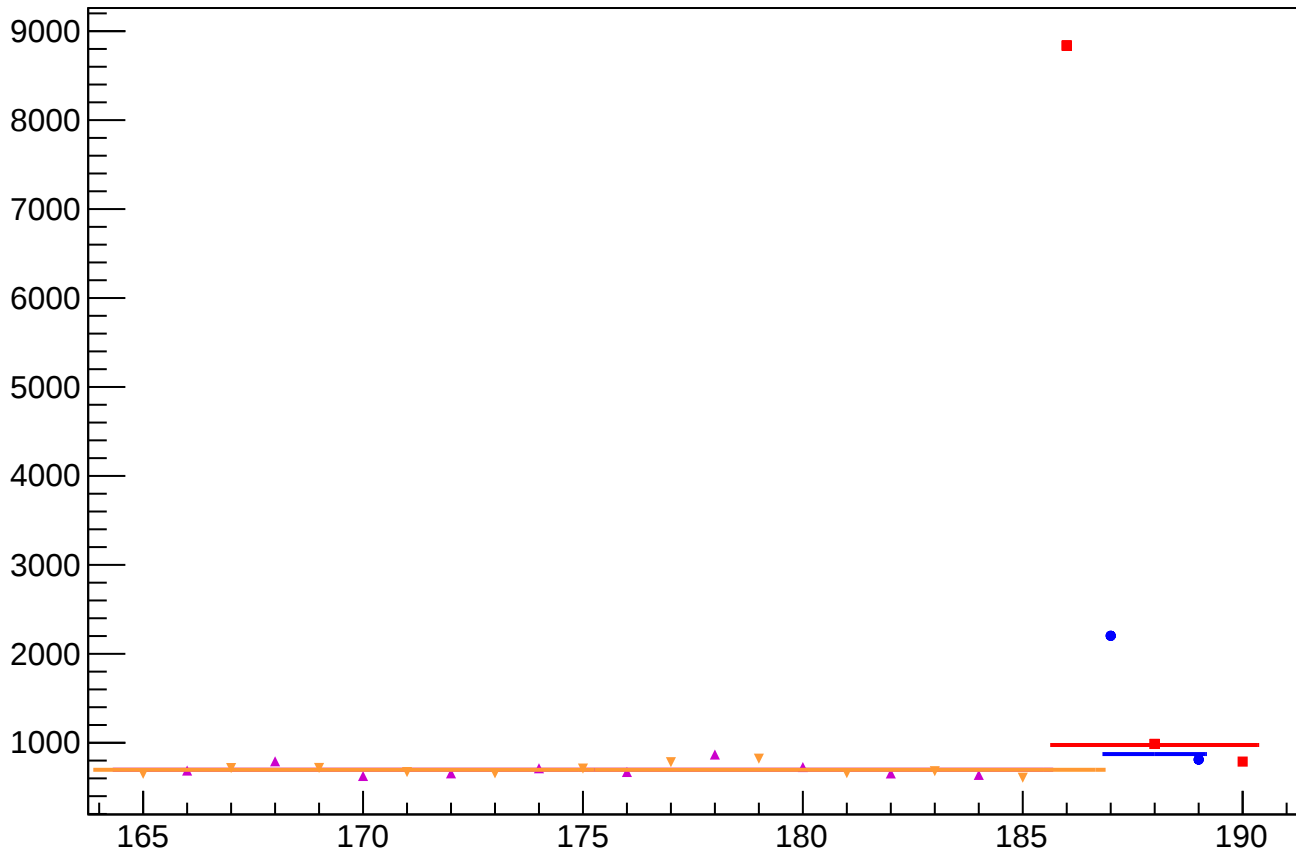
Left In: -203.043+/-260.948 χ^2 /NDF:9.5/9

+ sign 69.964+/-240.540 χ^2 /NDF: 5.3/14

All: -51.928+/-172.993 χ^2 /NDF: 21.3/29

- sign -182.520+/-248.976 χ^2 /NDF: 15.5/14

asym_sam_15_dd_correction_rms vs Slug



Right In: 873.236 $\pm$ 0.602 χ^2 /NDF: 227172.8/3

Left Out: 696.542 $\pm$ 0.177 χ^2 /NDF: 88373.7/10

Right Out: 975.230 $\pm$ 0.588 χ^2 /NDF: 1196120.5/4

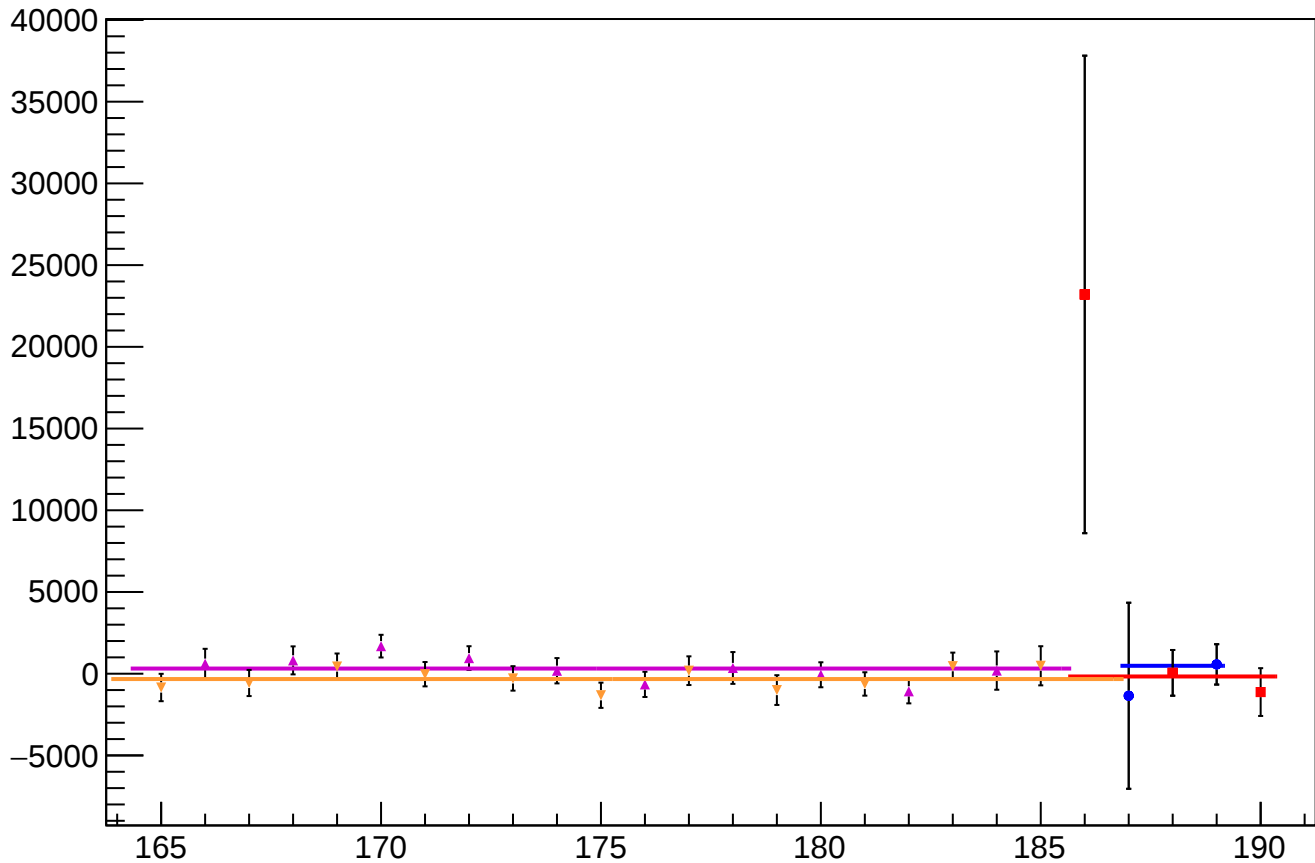
Left In: 697.248 $\pm$ 0.185 χ^2 /NDF: 126669.9/9

+ sign 710.624 $\pm$ 0.170 χ^2 /NDF: 394701.8/14

All: 716.197 $\pm$ 0.122 χ^2 /NDF: 1923185.0/29

- sign 722.168 $\pm$ 0.176 χ^2 /NDF: 1526259.4/14

asym_sam_15_dd_mean vs Slug



Right In: 483.710+/-853.592 χ^2/NDF : 0.2/3

Left Out: -326.829+/-246.637 χ^2/NDF : 5.6/10

Right Out: -169.365+/-816.748 χ^2/NDF : 5.6/4

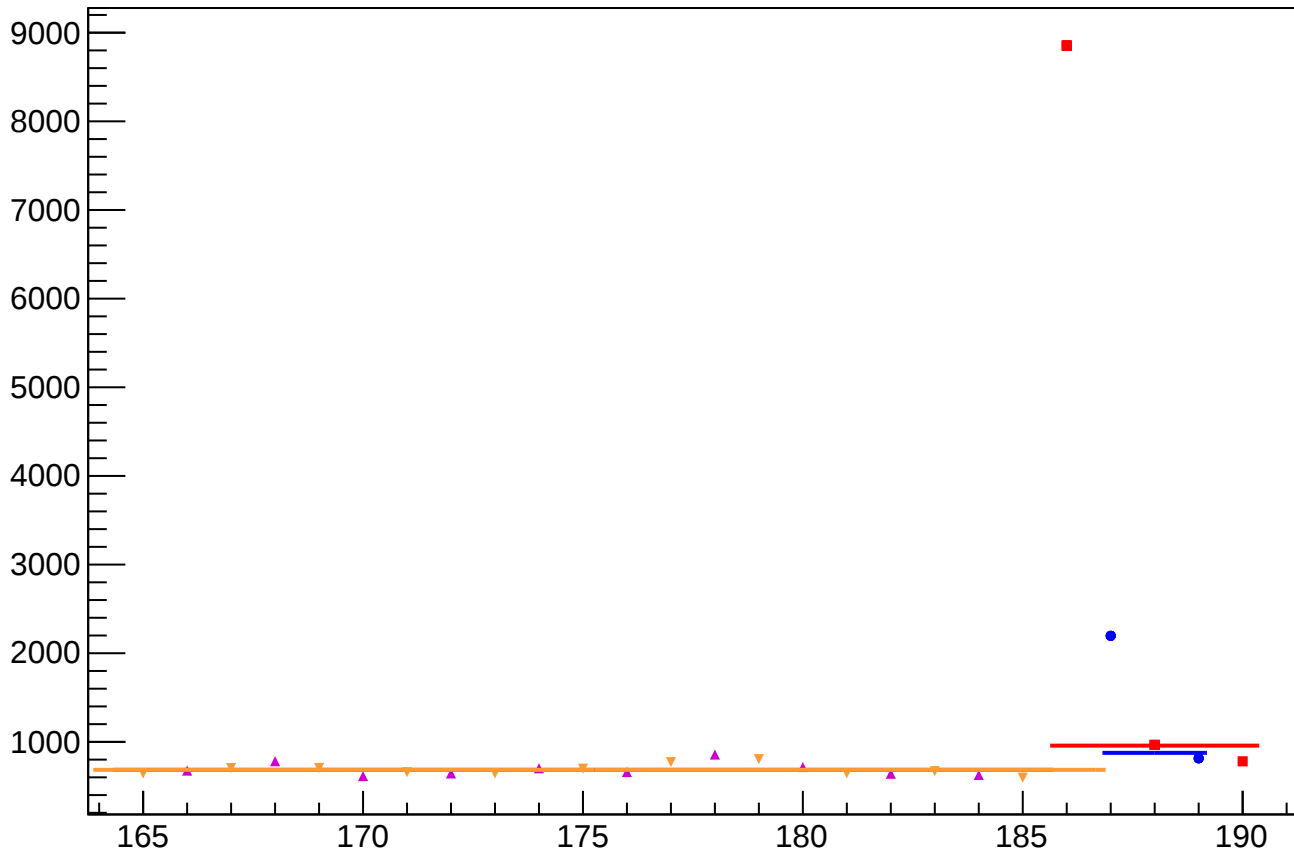
Left In: 315.331+/-256.397 χ^2/NDF : 10.5/9

+ sign -264.374+/-236.945 χ^2/NDF : 6.7/14

All: -4.813+/-170.196 χ^2/NDF : 25.6/29

- sign 271.850+/-244.626 χ^2/NDF : 16.5/14

asym_sam_15_dd_rms vs Slug



Right In: 876.288 $\pm$ 0.604 χ^2 /NDF: 225319.1/3

Left Out: 684.972 $\pm$ 0.174 χ^2 /NDF: 88973.0/10

Right Out: 957.674 $\pm$ 0.578 χ^2 /NDF: 1198179.3/4

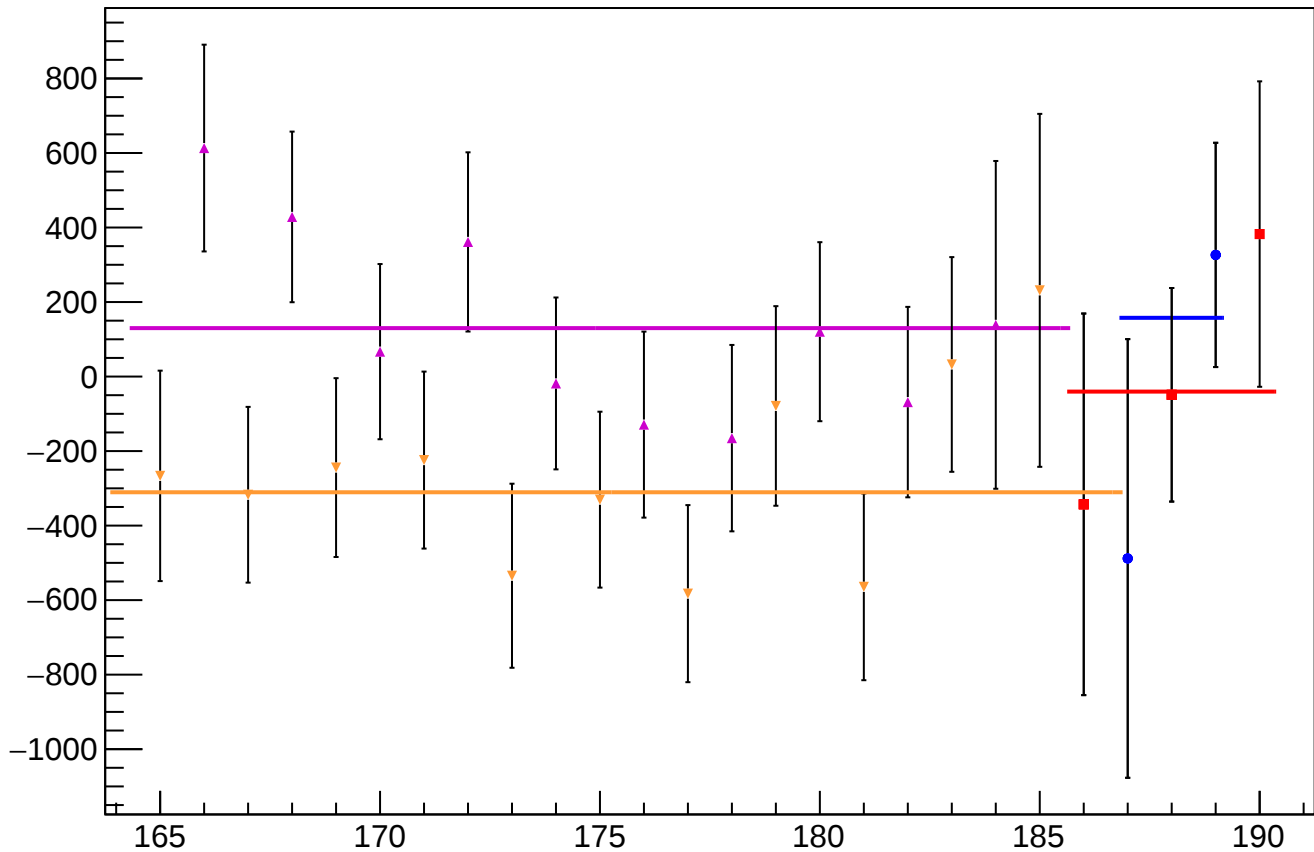
Left In: 684.775 $\pm$ 0.181 χ^2 /NDF: 134282.2/9

+ sign 699.713 $\pm$ 0.168 χ^2 /NDF: 407019.5/14

All: 704.333 $\pm$ 0.120 χ^2 /NDF: 1944305.4/29

- sign 709.256 $\pm$ 0.173 χ^2 /NDF: 1535715.7/14

dit_asym_sam_26_dd_mean vs Slug



Right In: 157.659 $\pm$ 189.476 χ^2 /NDF: 3.0/3

Left Out: -310.522 $\pm$ 78.079 χ^2 /NDF:6.9/10

Right Out: -40.347 $\pm$ 162.378 χ^2 /NDF: 1.8/4

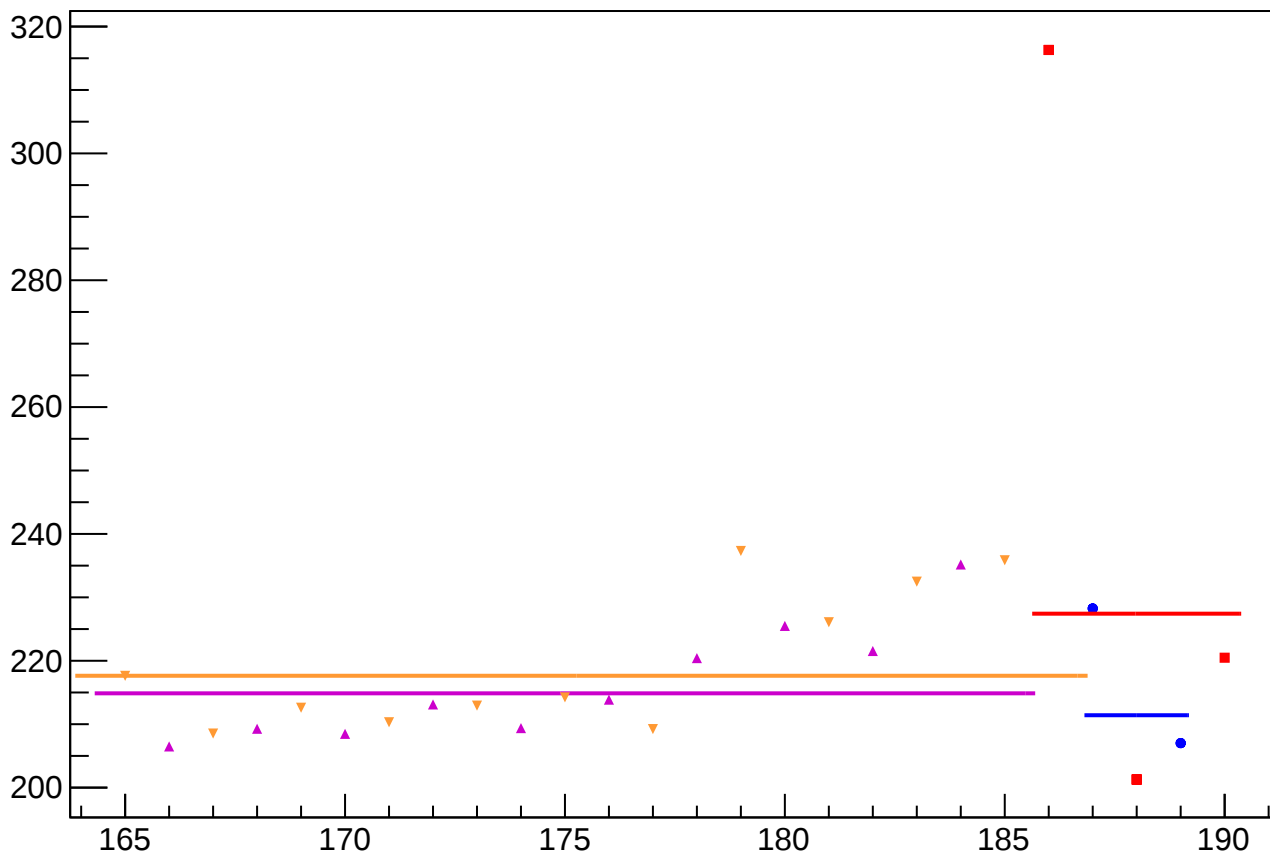
Left In: 130.010 $\pm$ 80.042 χ^2 /NDF:9.2/9

+ sign -242.561 $\pm$ 72.190 χ^2 /NDF: 15.1/14

All: -71.993 $\pm$ 50.905 χ^2 /NDF: 38.1/29

- sign 96.708 $\pm$ 71.793 χ^2 /NDF: 11.9/14

dit_asym_sam_26_dd_rms vs Slug



Right In: 211.413 $\pm$ 0.134 χ^2 /NDF: 4128.0/3

Left Out: 217.637 $\pm$ 0.055 χ^2 /NDF:30745.5/10

Right Out: 227.425 $\pm$ 0.115 χ^2 /NDF: 154381.5/4

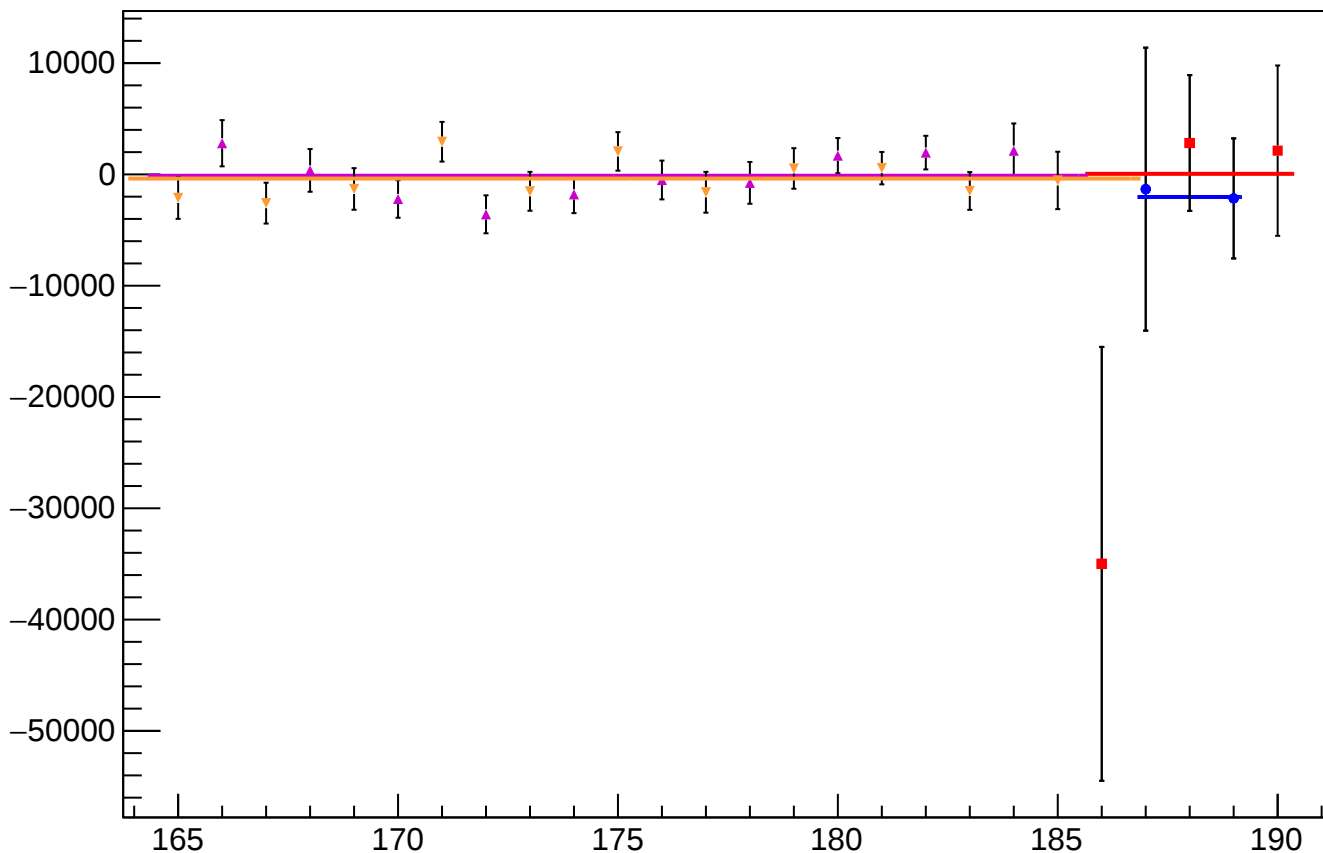
Left In: 214.867 $\pm$ 0.057 χ^2 /NDF:16288.3/9

+ sign 216.733 $\pm$ 0.051 χ^2 /NDF: 36718.1/14

All: 217.029 $\pm$ 0.036 χ^2 /NDF: 217078.8/29

- sign 217.322 $\pm$ 0.051 χ^2 /NDF: 180293.8/14

asym_sam_26_dd_correction_mean vs Slug



Right In: -2304.79 $\pm$ 3510.598 χ^2 /NDF: 0.0/3

Left Out: -372.172 $\pm$ 541.435 χ^2 /NDF:10.0/10

Right Out: 51.158 $\pm$ 3625.241 χ^2 /NDF: 6.9/4

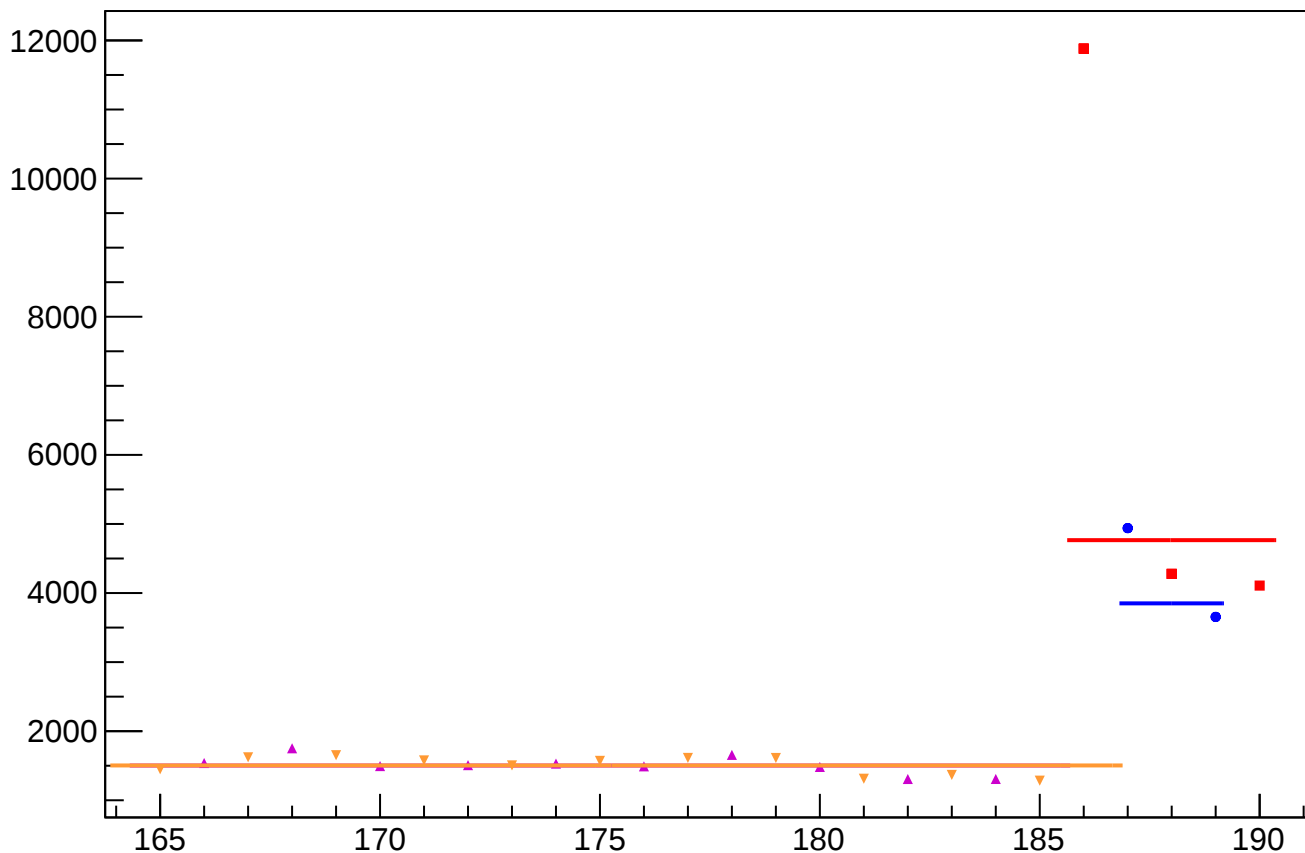
Left In: -119.796 $\pm$ 561.799 χ^2 /NDF:12.9/9

+ sign -410.701 $\pm$ 535.108 χ^2 /NDF: 10.2/14

All: -268.670 $\pm$ 385.276 χ^2 /NDF: 30.2/29

- sign -115.787 $\pm$ 555.172 χ^2 /NDF: 19.9/14

asym_sam_26_dd_correction_rms vs Slug



Right In: 3850.501+/-2.482 χ^2/NDF : 34630.3/3

Left Out: 1504.027+/-0.383 χ^2/NDF : 105620.4/10

Right Out: 4765.636+/-2.563 χ^2/NDF : 573379.6/4

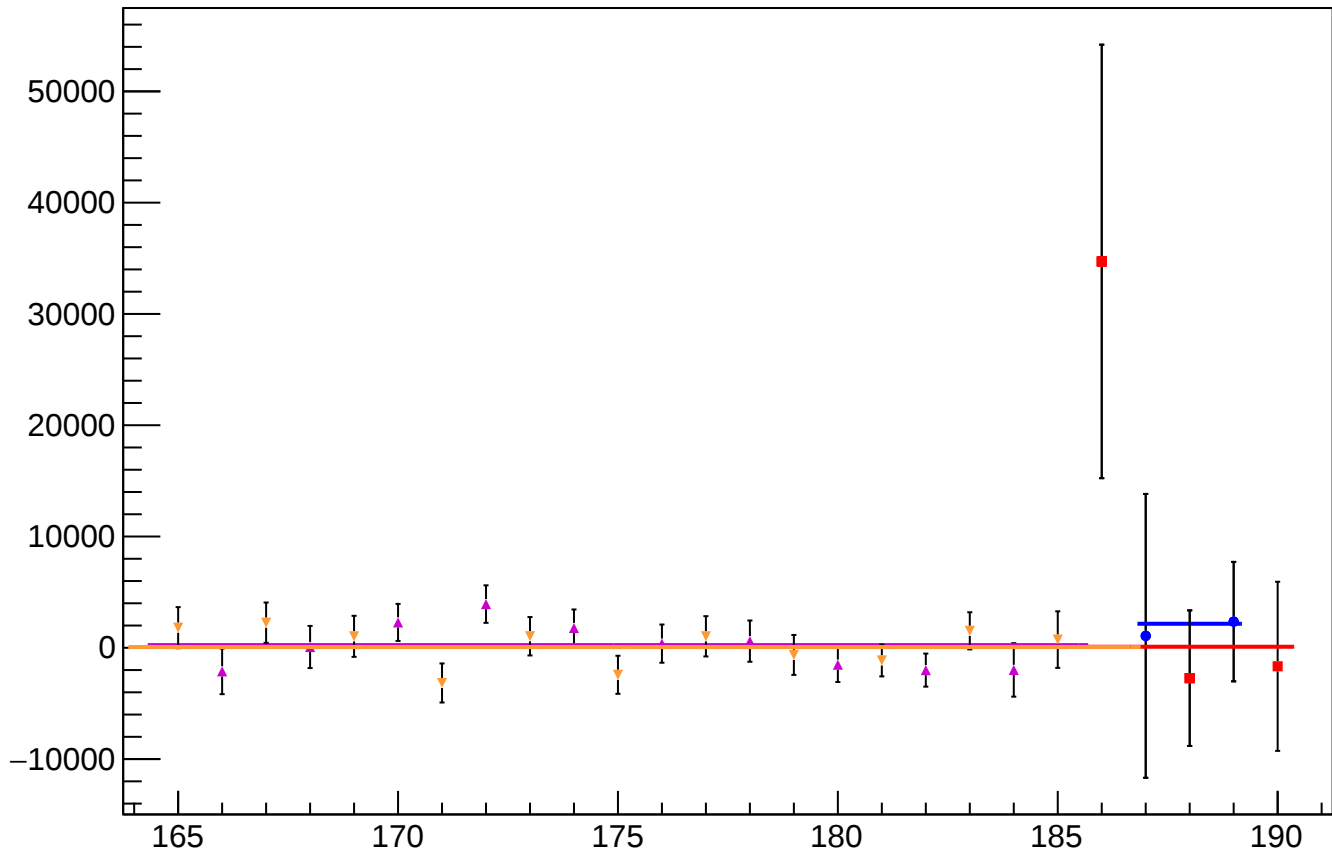
Left In: 1502.574+/-0.397 χ^2/NDF : 95003.7/9

+ sign 1558.545+/-0.378 χ^2/NDF : 1013000.9/14

All: 1568.444+/-0.272 χ^2/NDF : 3265148.4/29

- sign 1579.099+/-0.393 χ^2/NDF : 2250726.3/14

asym_sam_26_dd_mean vs Slug



Right In: 2159.443 $\pm$ 3498.054 χ^2 /NDF: 0.0/3

Left Out: 67.084 $\pm$ 533.542 χ^2 /NDF:10.4/10

Right Out: 94.229 $\pm$ 3616.495 χ^2 /NDF: 6.8/4

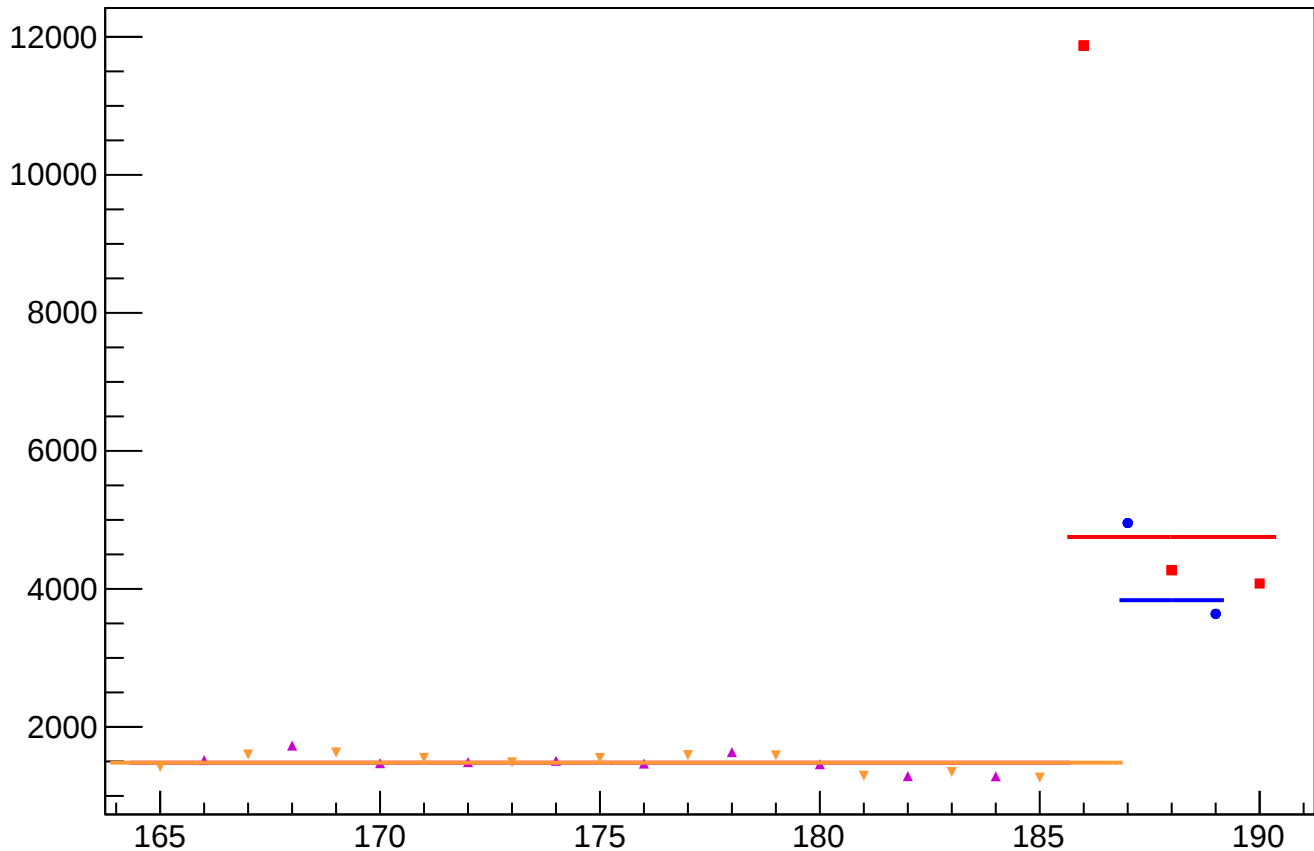
Left In: 241.472 $\pm$ 553.887 χ^2 /NDF:12.9/9

+ sign 114.654 $\pm$ 527.442 χ^2 /NDF: 10.8/14

All: 174.073 $\pm$ 379.852 χ^2 /NDF: 30.6/29

- sign 238.097 $\pm$ 547.503 χ^2 /NDF: 19.7/14

asym_sam_26_dd_rms vs Slug



Right In: 3836.628+/-2.473 χ^2/NDF : 36179.8/3

Left Out: 1481.997+/-0.377 χ^2/NDF : 106858.9/10

Right Out: 4752.300+/-2.557 χ^2/NDF : 575194.9/4

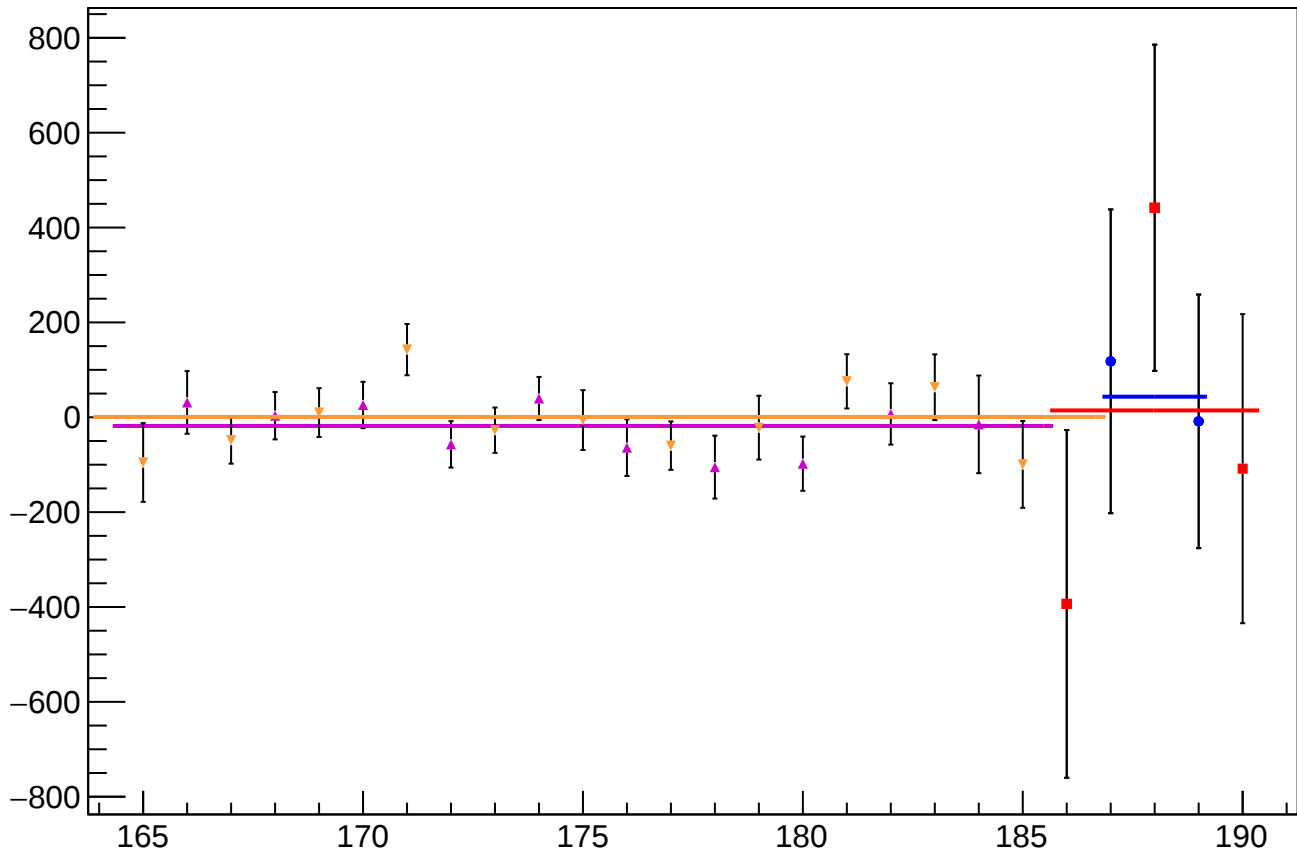
Left In: 1481.211+/-0.392 χ^2/NDF : 97470.5/9

+ sign 1535.529+/-0.373 χ^2/NDF : 1028633.3/14

All: 1545.470+/-0.269 χ^2/NDF : 3301484.2/29

- sign 1556.181+/-0.387 χ^2/NDF : 2271375.0/14

dit_asym_sam_37_dd_mean vs Slug



Right In: 43.391 ± 145.118 χ^2/NDF : 0.2/3

Left Out: 0.767 ± 17.683 χ^2/NDF : 14.8/10

Right Out: 14.426 ± 155.779 χ^2/NDF : 5.7/4

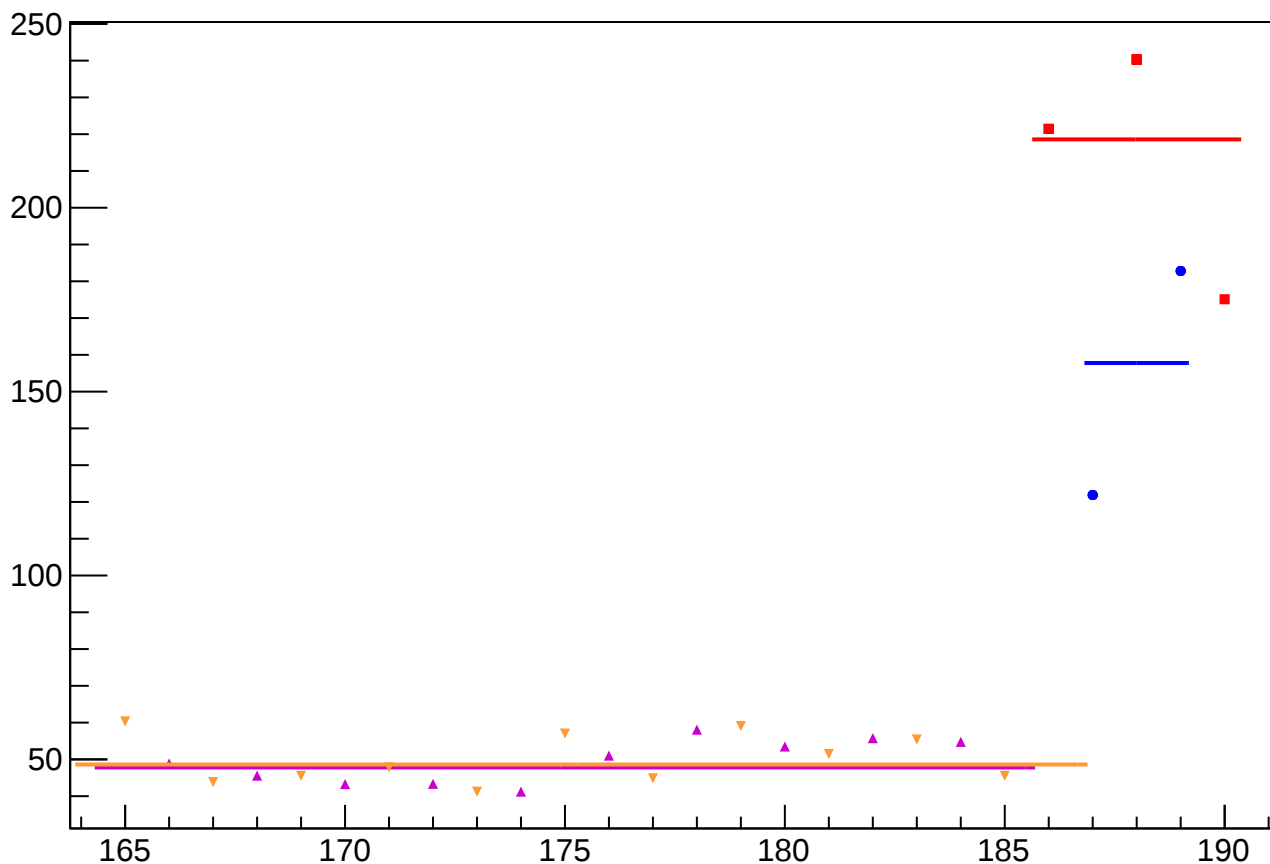
Left In: -18.308 ± 17.966 χ^2/NDF : 8.2/9

+ sign 1.391 ± 17.553 χ^2/NDF : 15.1/14

All: -8.083 ± 12.515 χ^2/NDF : 29.7/29

- sign -17.878 ± 17.848 χ^2/NDF : 14.0/14

dit_asym_sam_37_dd_rms vs Slug



Right In: 157.785 $\pm$ 0.103 χ^2 /NDF: 85301.9/3

Left Out: 48.612 $\pm$ 0.013 χ^2 /NDF: 234844.6/10

Right Out: 218.587 $\pm$ 0.110 χ^2 /NDF: 51773.2/4

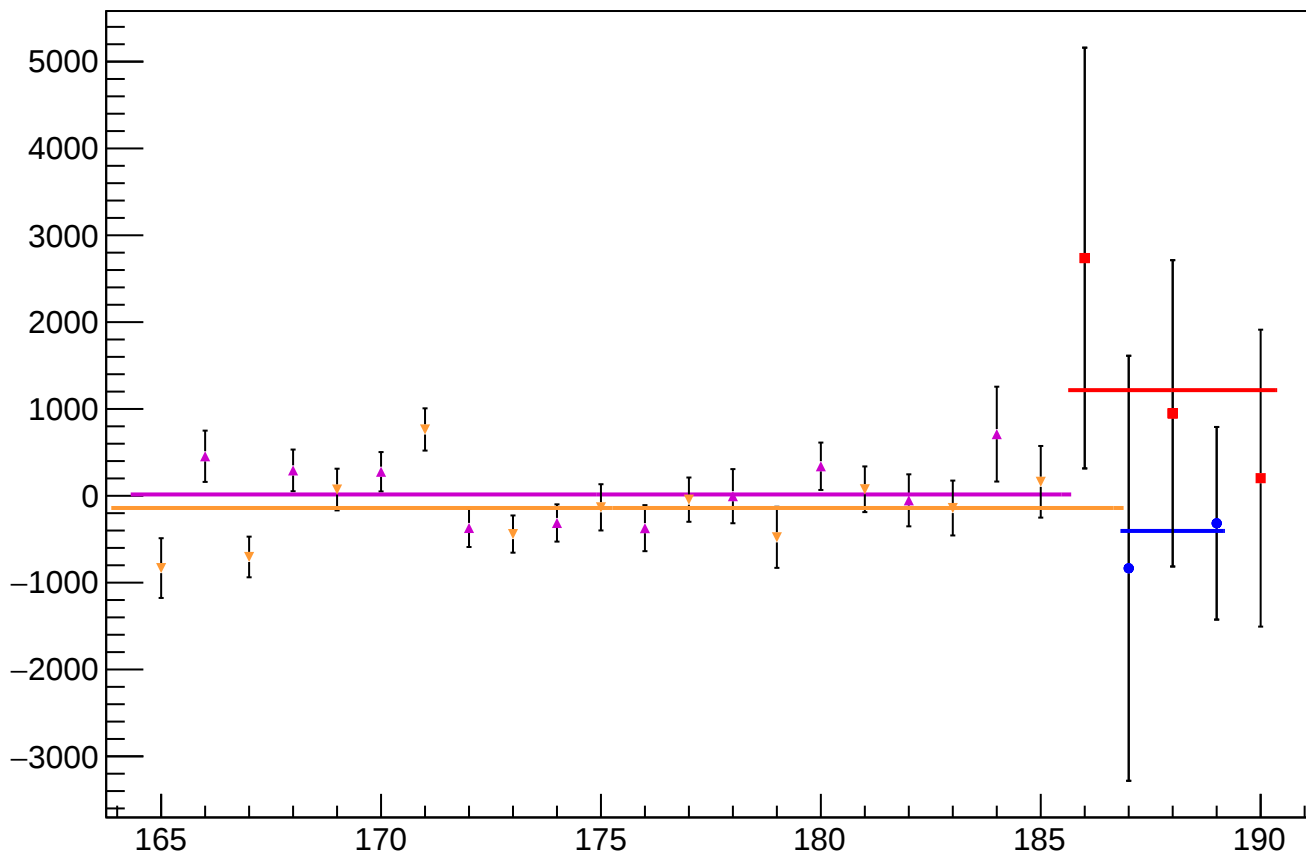
Left In: 47.797 $\pm$ 0.013 χ^2 /NDF: 193321.8/9

+ sign 50.210 $\pm$ 0.012 χ^2 /NDF: 1435511.4/14

All: 50.126 $\pm$ 0.009 χ^2 /NDF: 4053169.2/29

- sign 50.039 $\pm$ 0.013 χ^2 /NDF: 2617564.8/14

asym_sam_37_dd_correction_mean vs Slug



Right In: -404.633 ± 714.276 χ^2/NDF : 0.1/3

Left Out: -140.175 ± 81.481 χ^2/NDF : 28.7/10

Right Out: 1216.733 ± 868.485 χ^2/NDF : 1.2/4

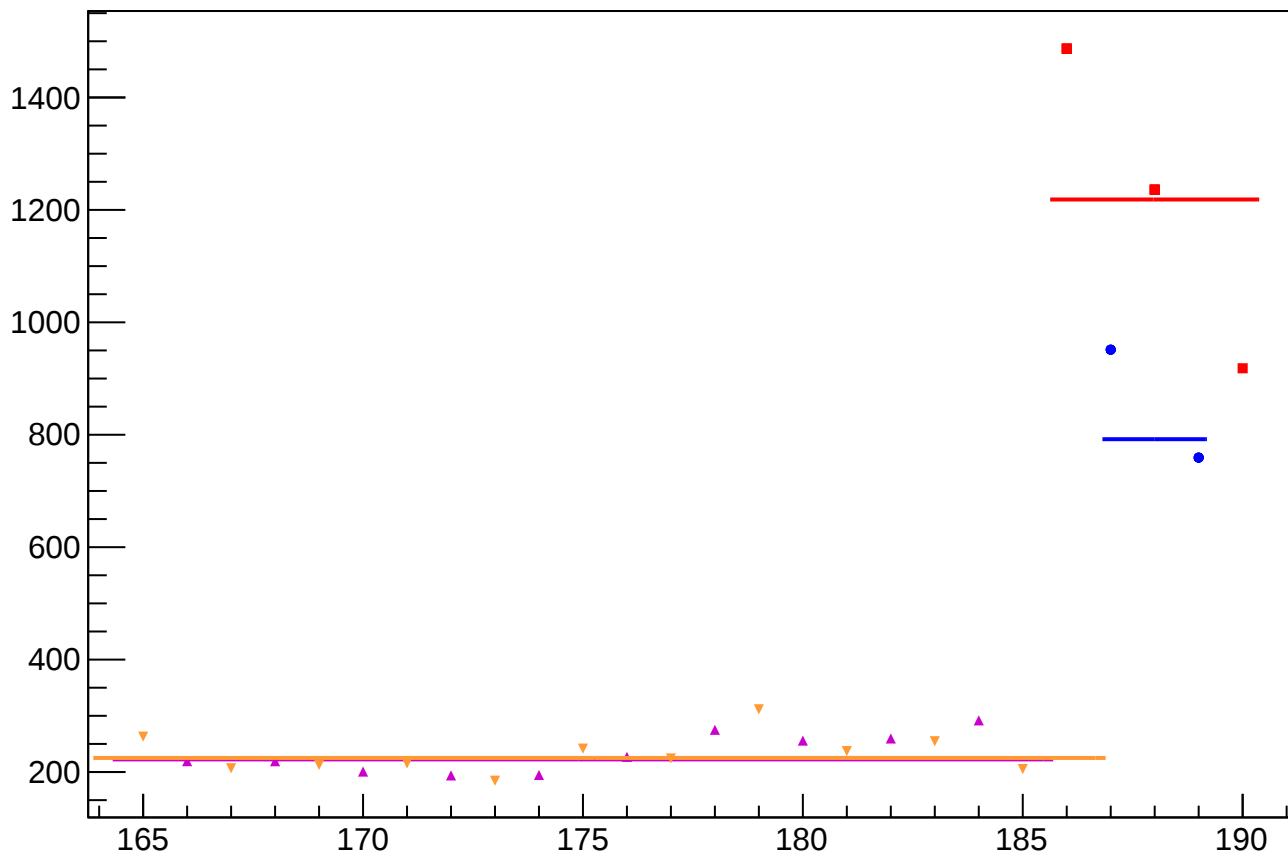
Left In: 15.572 ± 83.552 χ^2/NDF : 15.5/9

+ sign -143.572 ± 80.956 χ^2/NDF : 28.9/14

All: -60.786 ± 58.011 χ^2/NDF : 49.7/29

- sign 26.587 ± 83.168 χ^2/NDF : 18.6/14

asym_sam_37_dd_correction_rms vs Slug



Right In: 792.081 $\pm$ 0.505 χ^2/NDF : 20426.2/3

Left Out: 225.047 $\pm$ 0.058 χ^2/NDF : 271733.6/10

Right Out: 1218.535 $\pm$ 0.614 χ^2/NDF : 111173.0/4

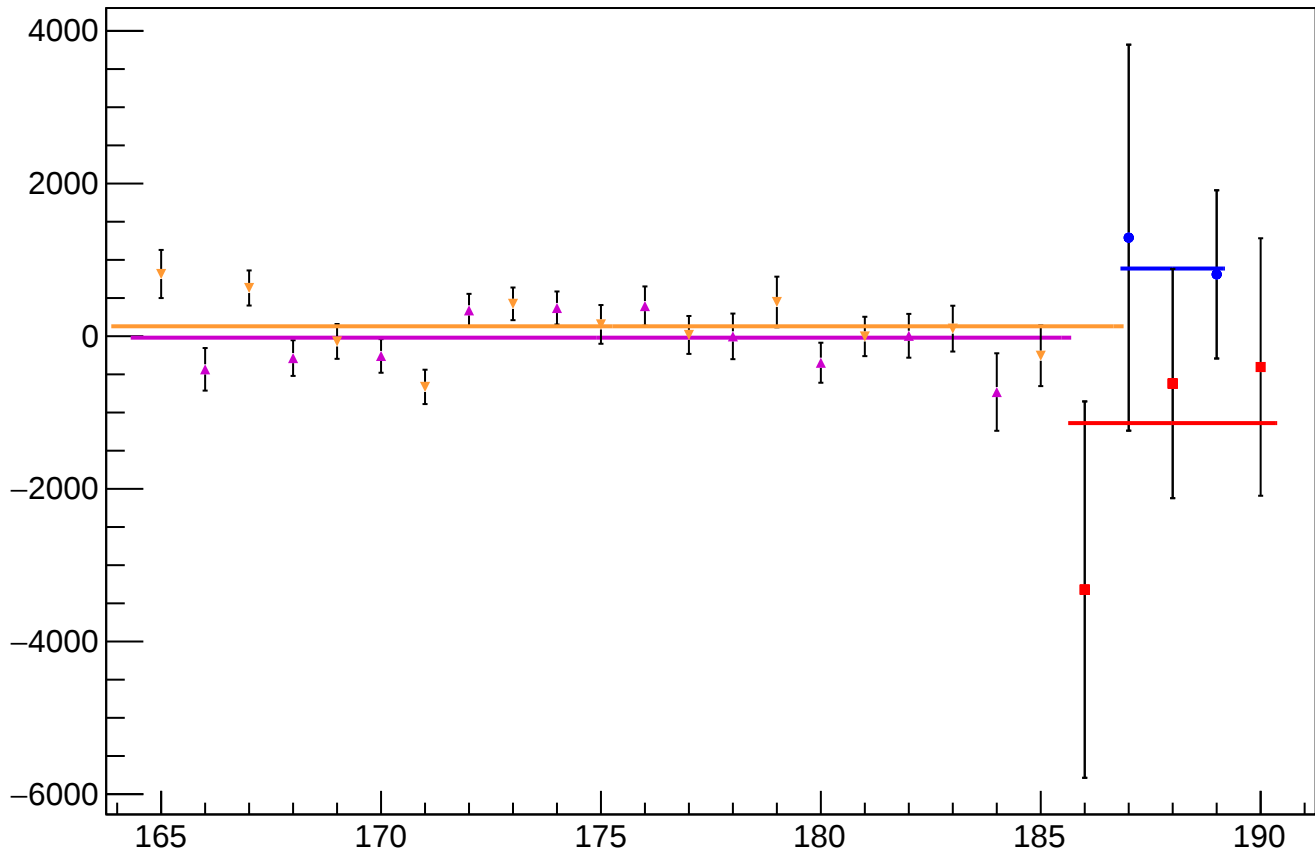
Left In: 222.437 $\pm$ 0.059 χ^2/NDF : 236711.1/9

+ sign 232.332 $\pm$ 0.057 χ^2/NDF : 1536389.5/14

All: 231.962 $\pm$ 0.041 χ^2/NDF : 4491162.3/29

- sign 231.572 $\pm$ 0.059 χ^2/NDF : 2954687.1/14

asym_sam_37_dd_mean vs Slug



Right In: 886.689 $\pm$ 714.355 χ^2 /NDF: 0.1/3

Left Out: 129.824 $\pm$ 78.306 χ^2 /NDF:26.9/10

Right Out: -1138.453 $\pm$ 798.788 χ^2 /NDF: 2.0/4

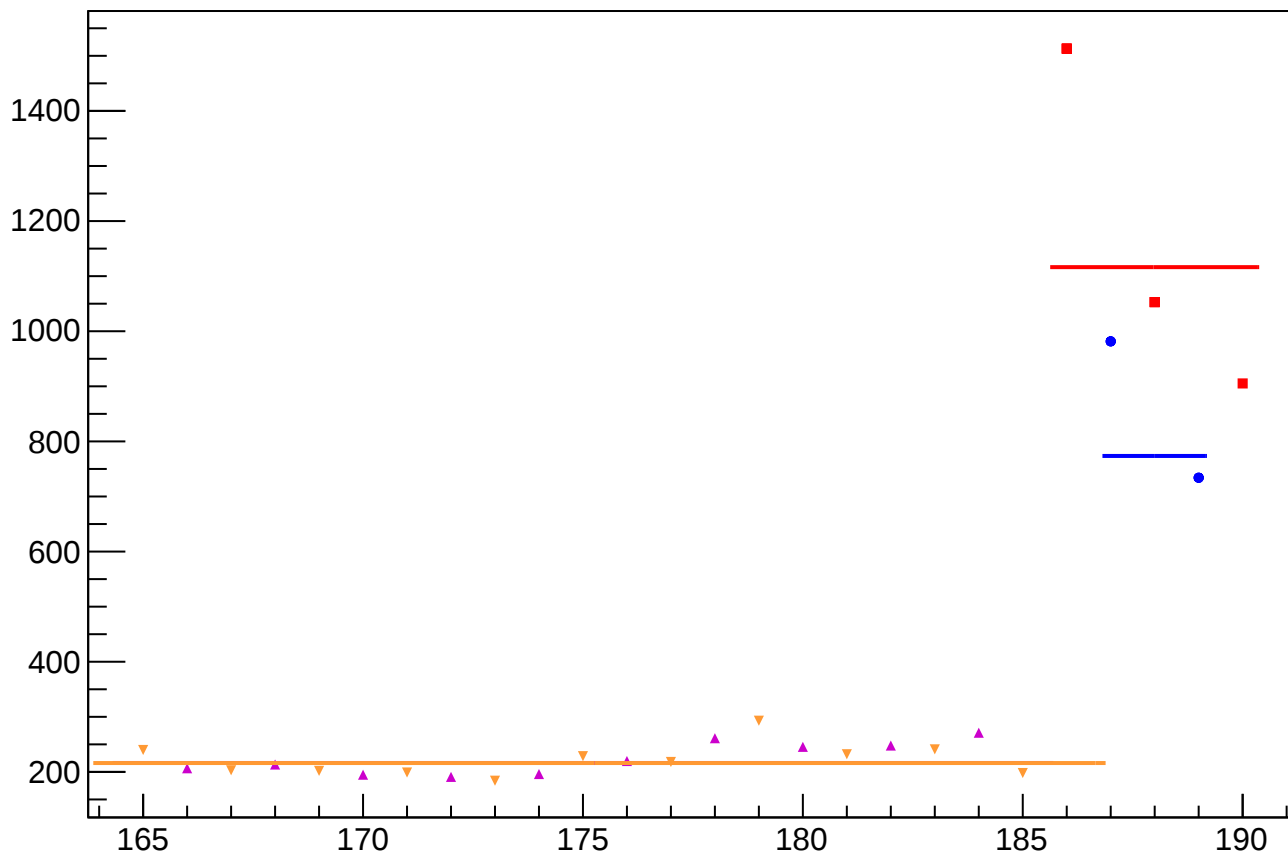
Left In: -19.257 $\pm$ 81.266 χ^2 /NDF:16.8/9

+ sign 138.811 $\pm$ 77.840 χ^2 /NDF: 28.1/14

All: 57.257 $\pm$ 56.074 χ^2 /NDF: 51.1/29

- sign -30.723 $\pm$ 80.848 χ^2 /NDF: 20.7/14

asym_sam_37_dd_rms vs Slug



Right In: 773.595+/-0.505 χ^2/NDF : 32207.0/3

Left Out: 216.105+/-0.055 χ^2/NDF : 220057.5/10

Right Out: 1116.362+/-0.565 χ^2/NDF : 142024.9/4

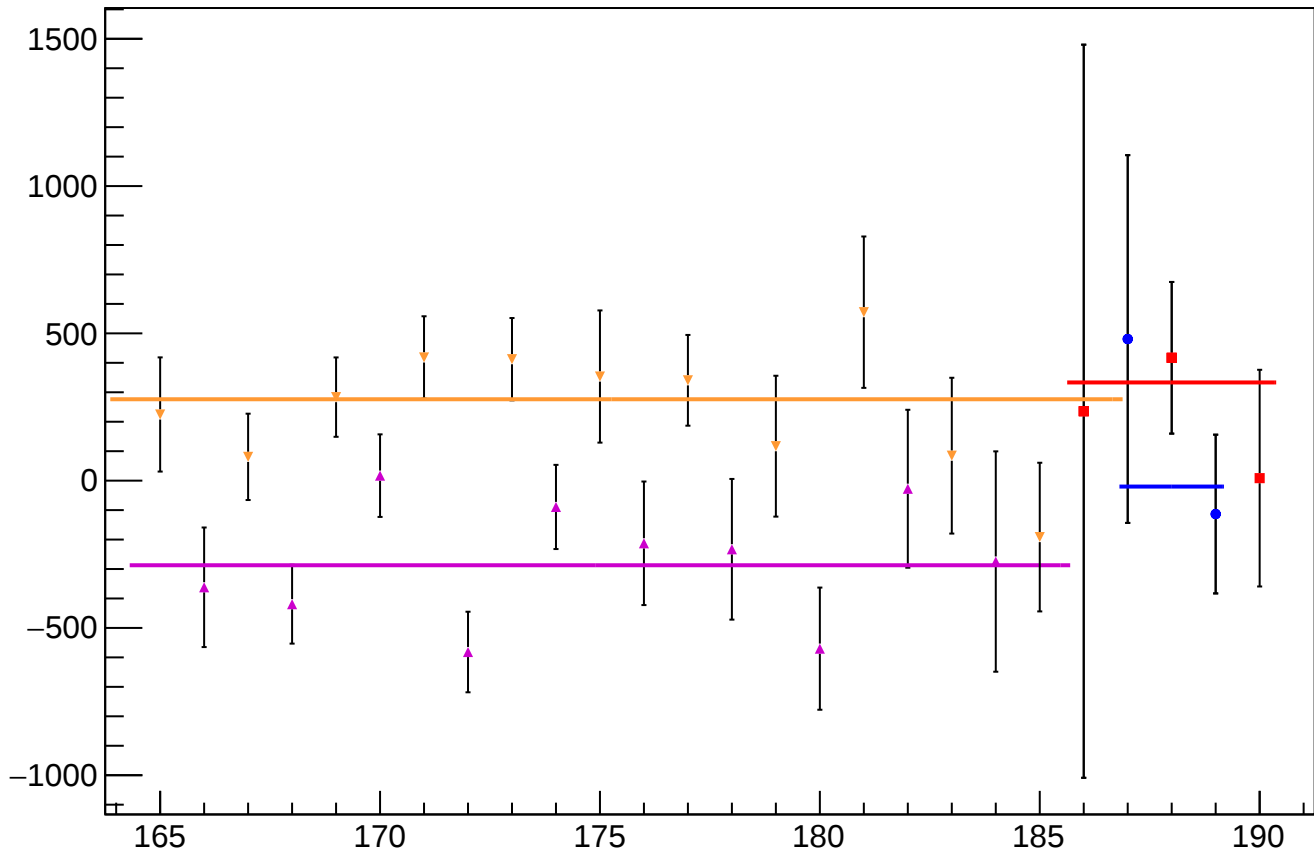
Left In: 216.217+/-0.057 χ^2/NDF : 184137.0/9

+ sign 222.725+/-0.055 χ^2/NDF : 1455880.1/14

All: 224.030+/-0.040 χ^2/NDF : 4296948.1/29

- sign 225.439+/-0.057 χ^2/NDF : 2839898.4/14

dit_asym_sam_48_dd_mean vs Slug



Right In: -20.081 $\pm$ 174.923 χ^2/NDF : 1.5/3

Left Out: 276.310 $\pm$ 53.049 χ^2/NDF : 9.9/10

Right Out: 333.353 $\pm$ 160.403 χ^2/NDF : 1.0/4

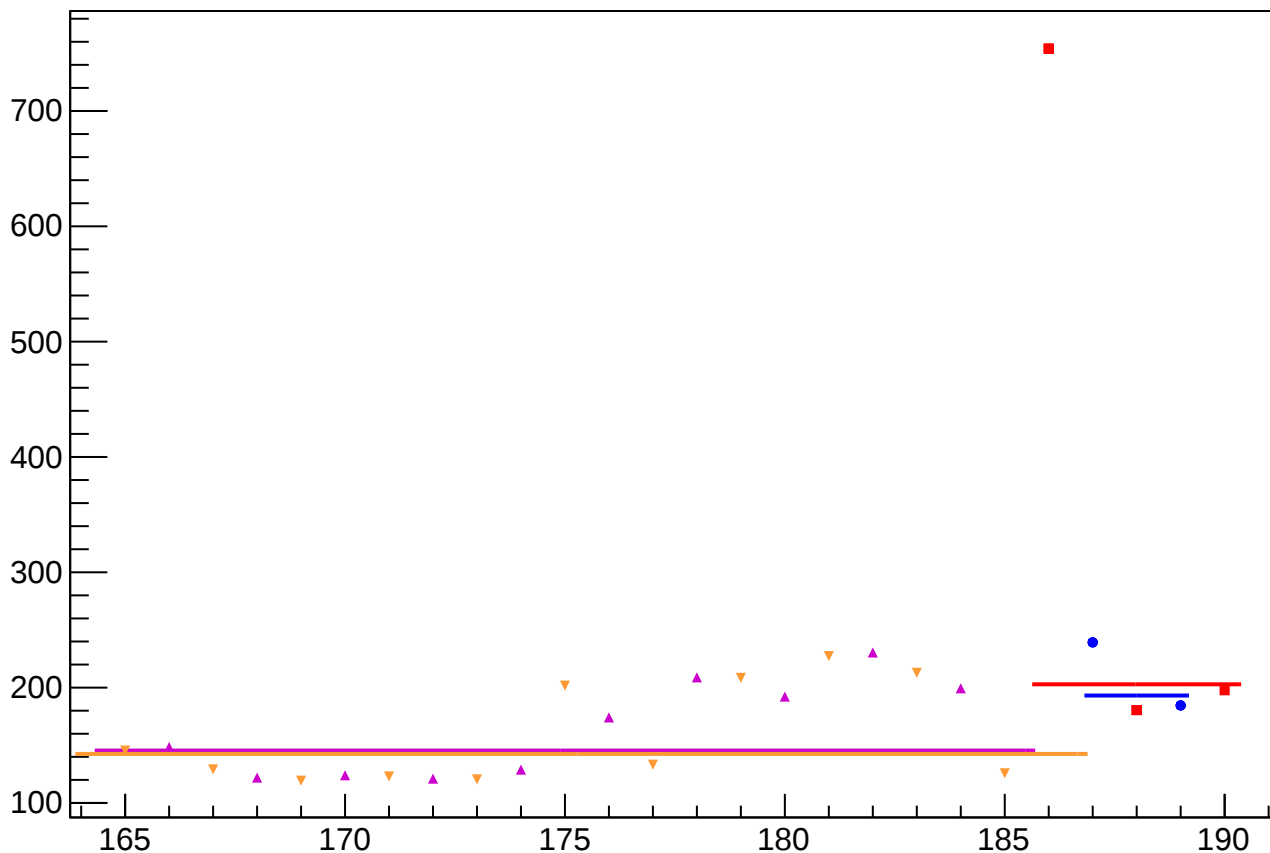
Left In: -287.199 $\pm$ 56.075 χ^2/NDF : 15.4/9

+ sign 251.346 $\pm$ 50.766 χ^2/NDF : 14.0/14

All: 25.703 $\pm$ 36.639 χ^2/NDF : 84.9/29

- sign -219.620 $\pm$ 52.933 χ^2/NDF : 29.7/14

dit_asym_sam_48_dd_rms vs Slug



Right In: 193.149 $\pm$ 0.124 χ^2/NDF : 25851.4/3

Left Out: 142.527 $\pm$ 0.038 χ^2/NDF : 832468.1/10

Right Out: 202.870 $\pm$ 0.113 χ^2/NDF : 815124.6/4

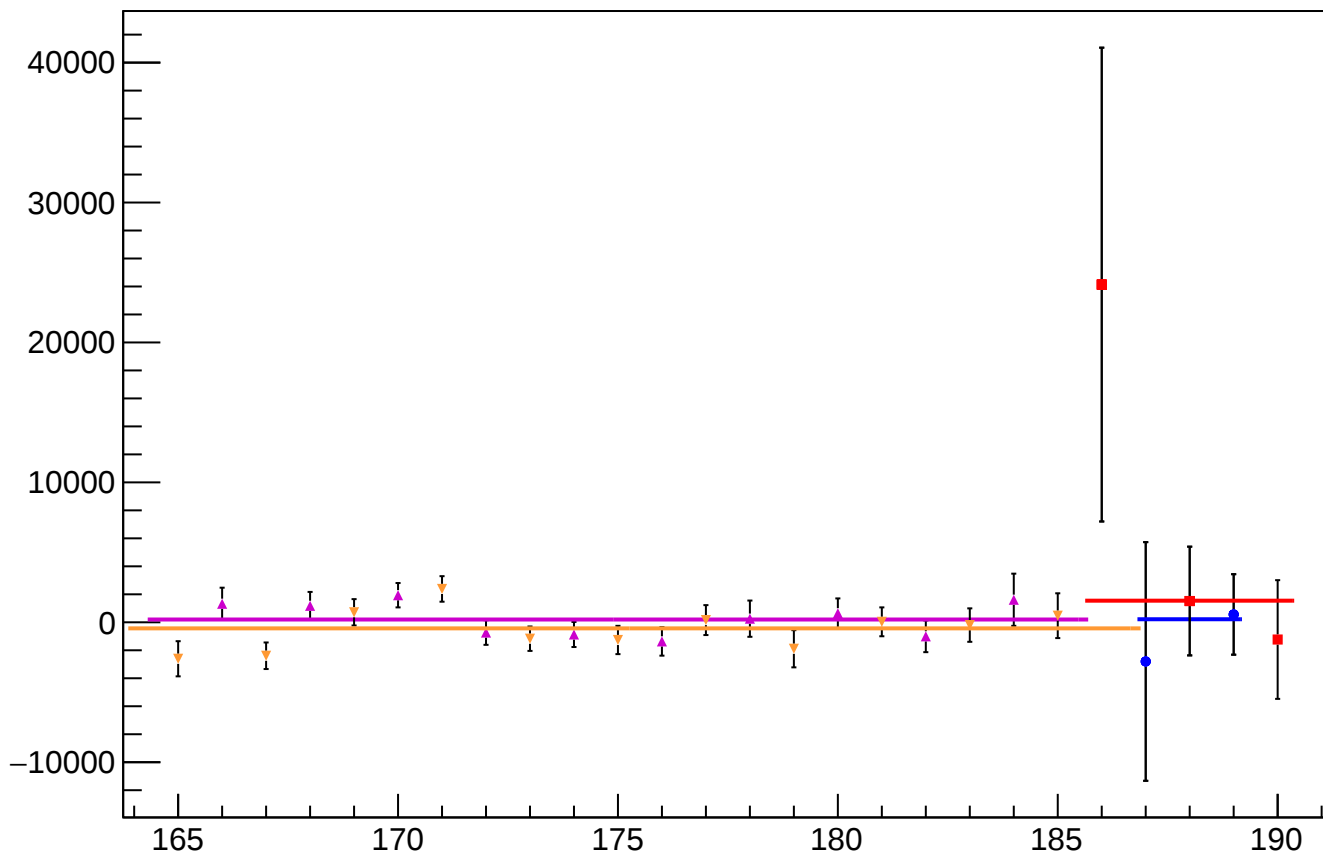
Left In: 145.412 $\pm$ 0.040 χ^2/NDF : 722456.0/9

+ sign 146.791 $\pm$ 0.036 χ^2/NDF : 1011711.1/14

All: 149.128 $\pm$ 0.026 χ^2/NDF : 2786824.2/29

- sign 151.669 $\pm$ 0.037 χ^2/NDF : 1766263.4/14

asym_sam_48_dd_correction_mean vs Slug



Right In: 217.869+/-1927.273 χ^2/NDF : 0.3/3

Left Out: -434.069+/-318.879 χ^2/NDF : 21.7/10

Right Out: 1545.023+/-2264.405 χ^2/NDF : 4.0/4

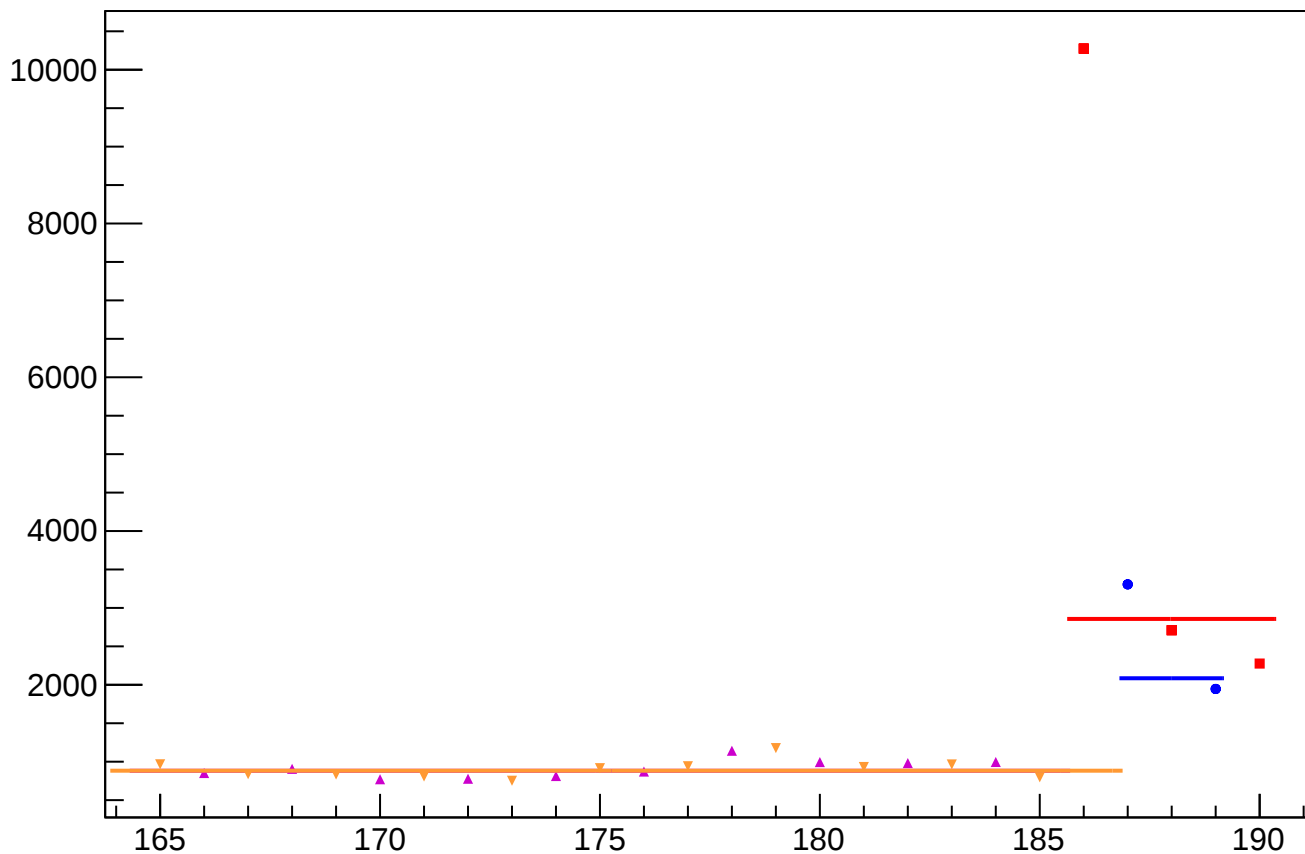
Left In: 199.085+/-330.698 χ^2/NDF : 12.7/9

+ sign -416.697+/-314.602 χ^2/NDF : 22.1/14

All: -107.413+/-226.789 χ^2/NDF : 41.2/29

- sign 227.192+/-327.227 χ^2/NDF : 17.0/14

asym_sam_48_dd_correction_rms vs Slug



Right In: 2085.185+/-1.363 χ^2/NDF : 91318.9/3

Left Out: 882.894+/-0.225 χ^2/NDF : 202592.7/10

Right Out: 2856.884+/-1.601 χ^2/NDF : 810992.3/4

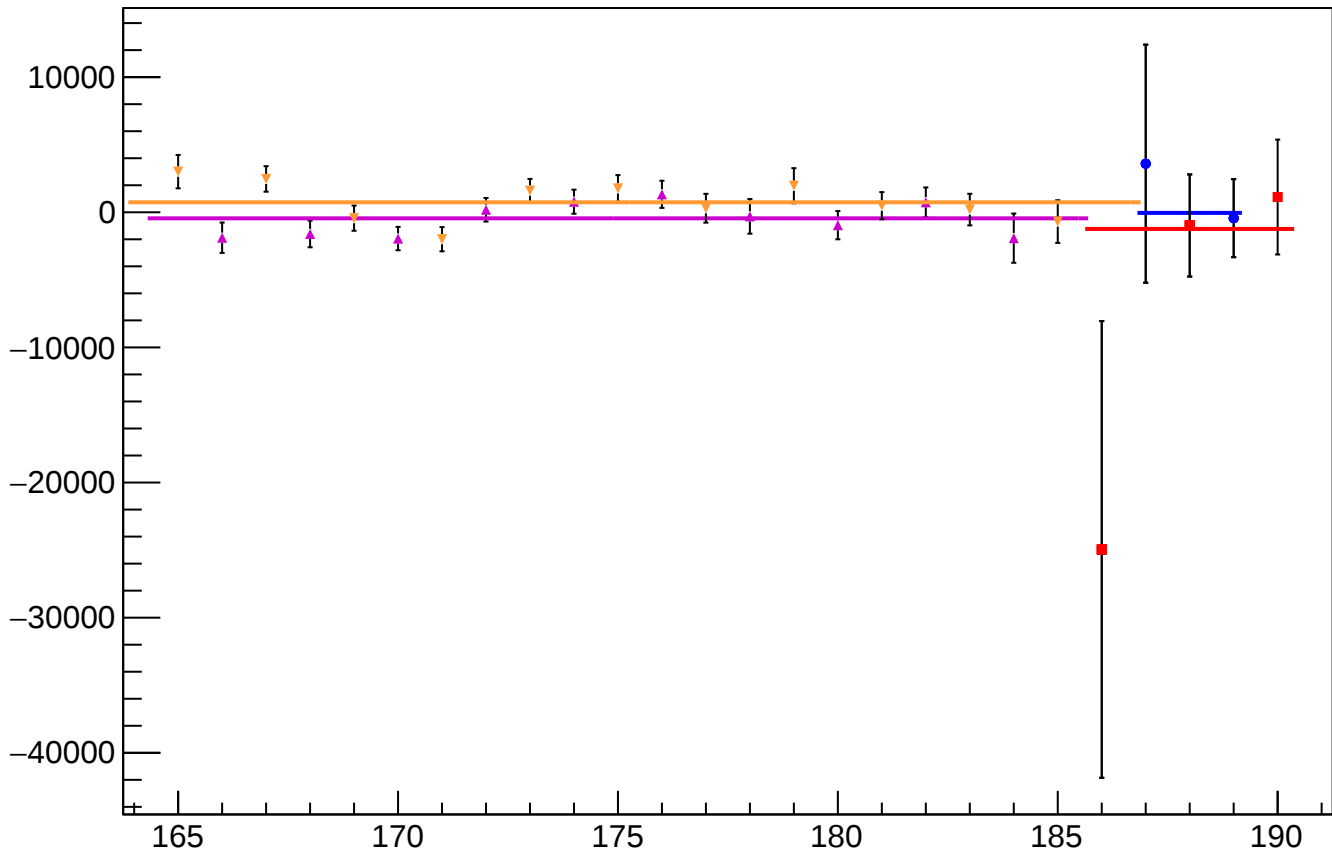
Left In: 881.511+/-0.234 χ^2/NDF : 201001.5/9

+ sign 914.930+/-0.222 χ^2/NDF : 1051501.3/14

All: 918.693+/-0.160 χ^2/NDF : 3554324.3/29

- sign 922.763+/-0.231 χ^2/NDF : 2502227.5/14

asym_sam_48_dd_mean vs Slug



Right In: -45.183 ± 1940.024 χ^2/NDF : 0.4/3

Left Out: 739.511 ± 314.291 χ^2/NDF : 21.9/10

Right Out: -1232.427 ± 2222.931 χ^2/NDF : 4.3/4

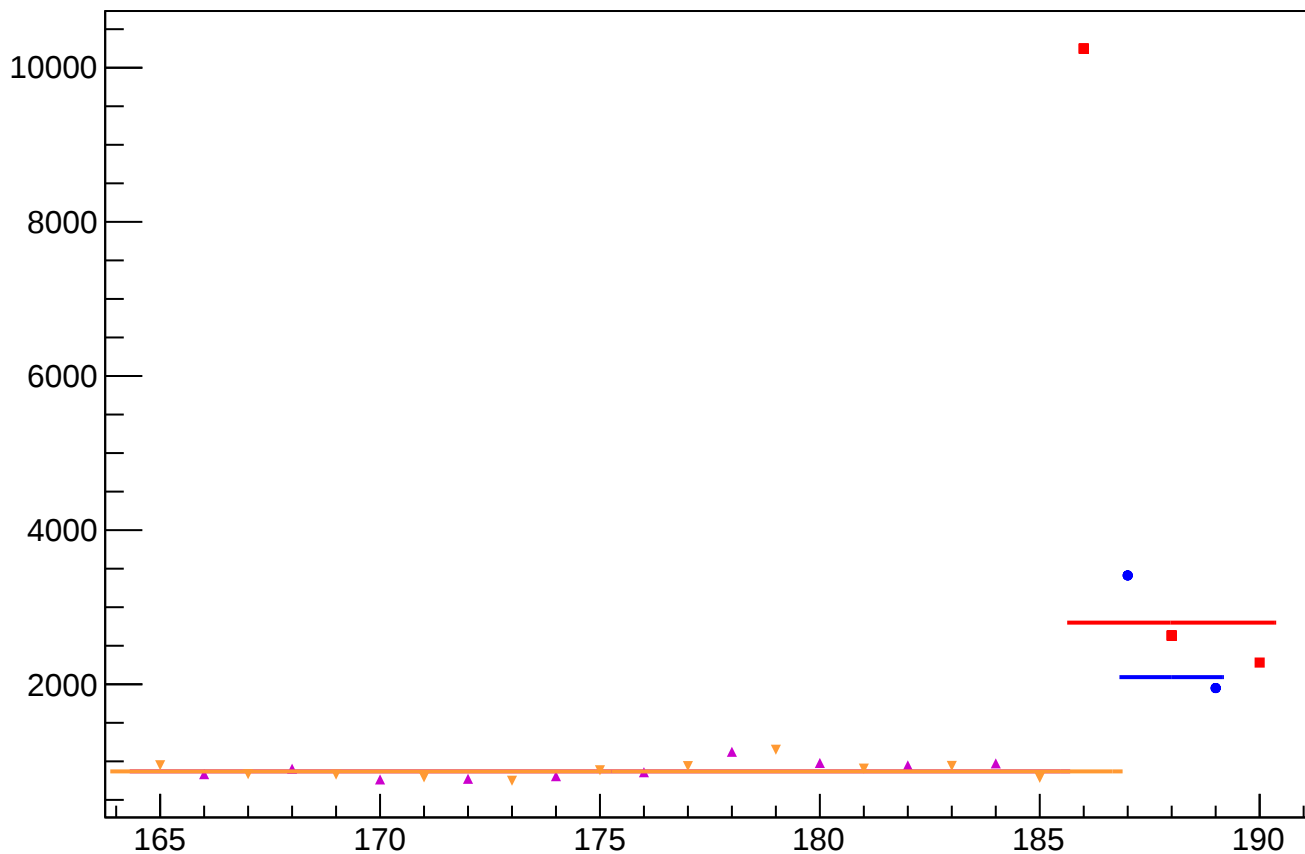
Left In: -447.791 ± 326.656 χ^2/NDF : 13.6/9

+ sign 719.443 ± 310.246 χ^2/NDF : 22.4/14

All: 151.706 ± 223.812 χ^2/NDF : 47.4/29

- sign -464.377 ± 323.185 χ^2/NDF : 18.0/14

asym_sam_48_dd_rms vs Slug



Right In: 2092.722+/-1.372 χ^2/NDF : 99401.6/3

Left Out: 869.538+/-0.222 χ^2/NDF : 187089.1/10

Right Out: 2799.981+/-1.572 χ^2/NDF : 814758.8/4

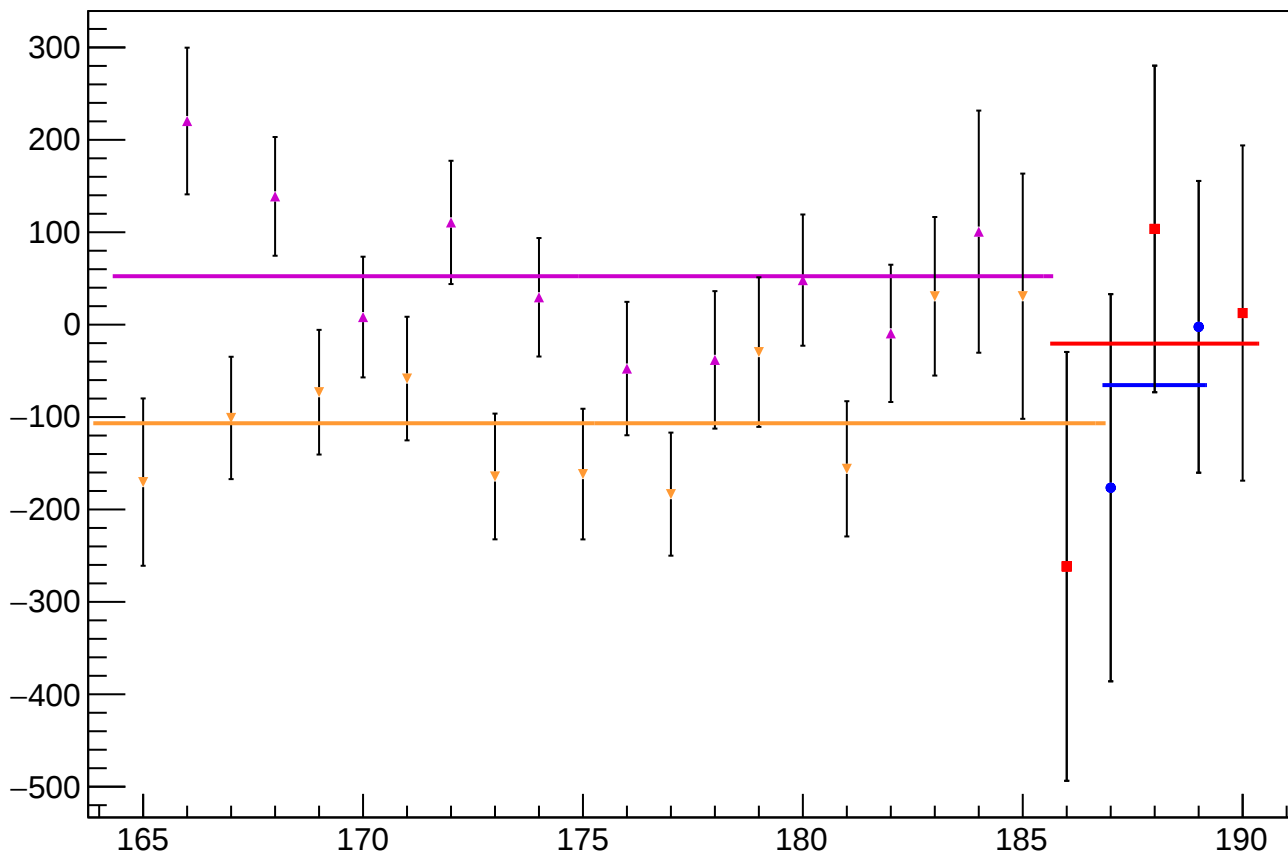
Left In: 870.182+/-0.231 χ^2/NDF : 185269.3/9

+ sign 900.819+/-0.219 χ^2/NDF : 1061217.4/14

All: 905.689+/-0.158 χ^2/NDF : 3537720.8/29

- sign 910.973+/-0.229 χ^2/NDF : 2475476.0/14

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -65.418 ± 89.150 χ^2/NDF : 0.9/3

Left Out: -106.694 ± 22.547 χ^2/NDF : 8.9/10

Right Out: -20.523 ± 87.175 χ^2/NDF : 3.2/4

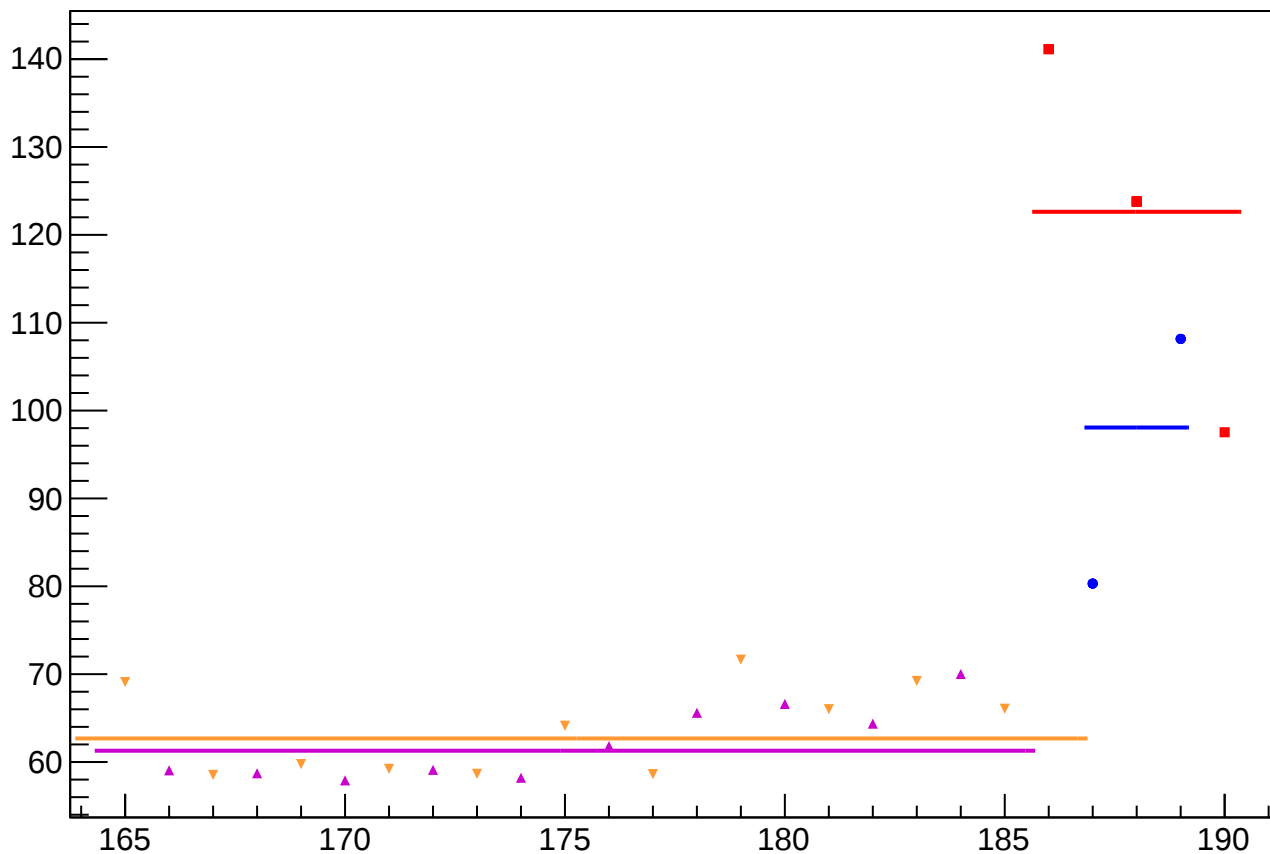
Left In: 52.423 ± 22.858 χ^2/NDF : 11.9/9

+ sign -104.212 ± 21.859 χ^2/NDF : 10.0/14

All: -29.111 ± 15.545 χ^2/NDF : 49.6/29

- sign 47.730 ± 22.111 χ^2/NDF : 15.7/14

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 98.073+/-0.063 χ^2/NDF : 45086.1/3

Left Out: 62.681+/-0.016 χ^2/NDF : 83916.4/10

Right Out: 122.625+/-0.062 χ^2/NDF : 63913.3/4

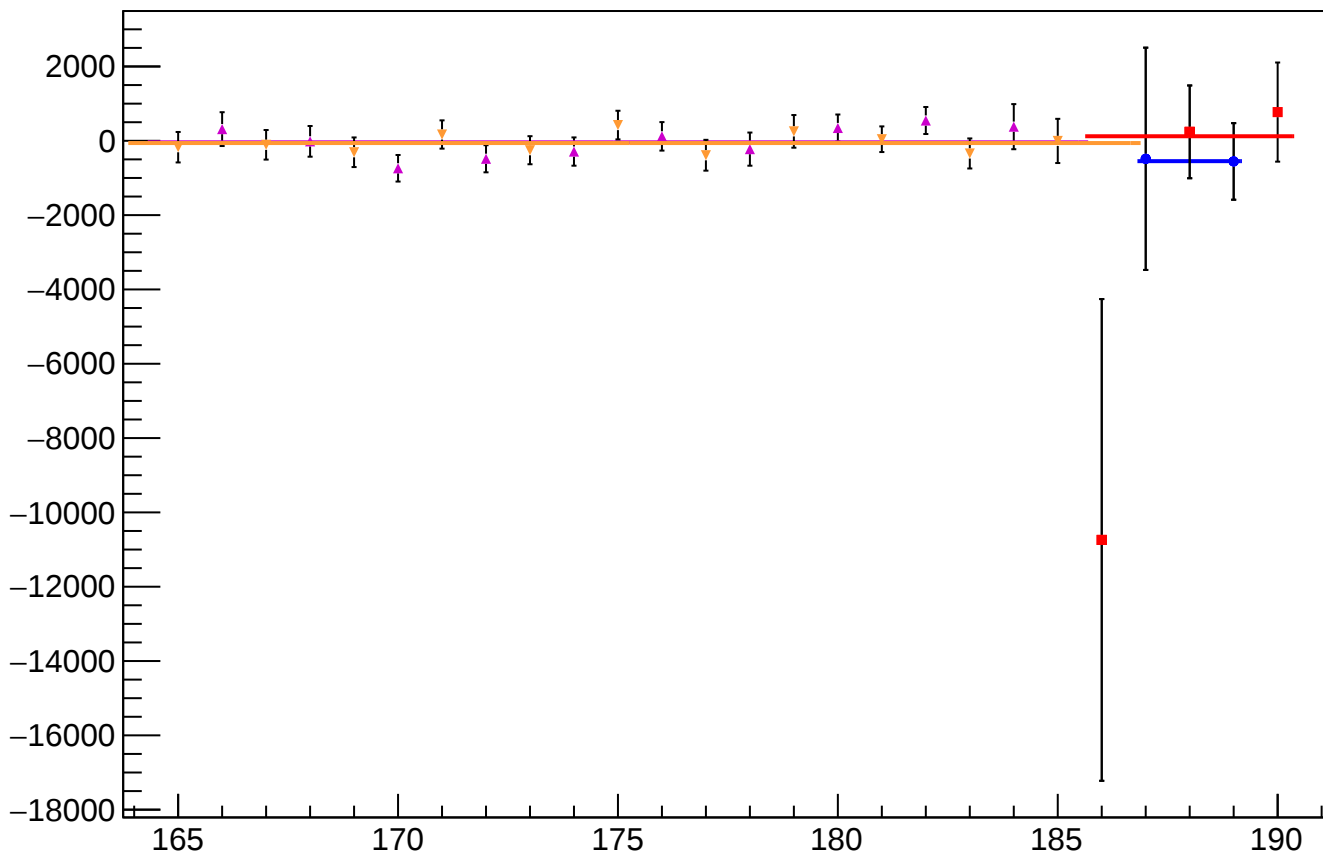
Left In: 61.286+/-0.016 χ^2/NDF : 47276.6/9

+ sign 64.808+/-0.015 χ^2/NDF : 425264.9/14

All: 65.018+/-0.011 χ^2/NDF : 1463321.6/29

- sign 65.232+/-0.016 χ^2/NDF : 1037685.9/14

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -547.690+/-688.887 χ^2/NDF : 0.0/3

Left Out: -60.385+/-121.672 χ^2/NDF : 4.4/10

Right Out: 122.499+/-726.820 χ^2/NDF : 5.9/4

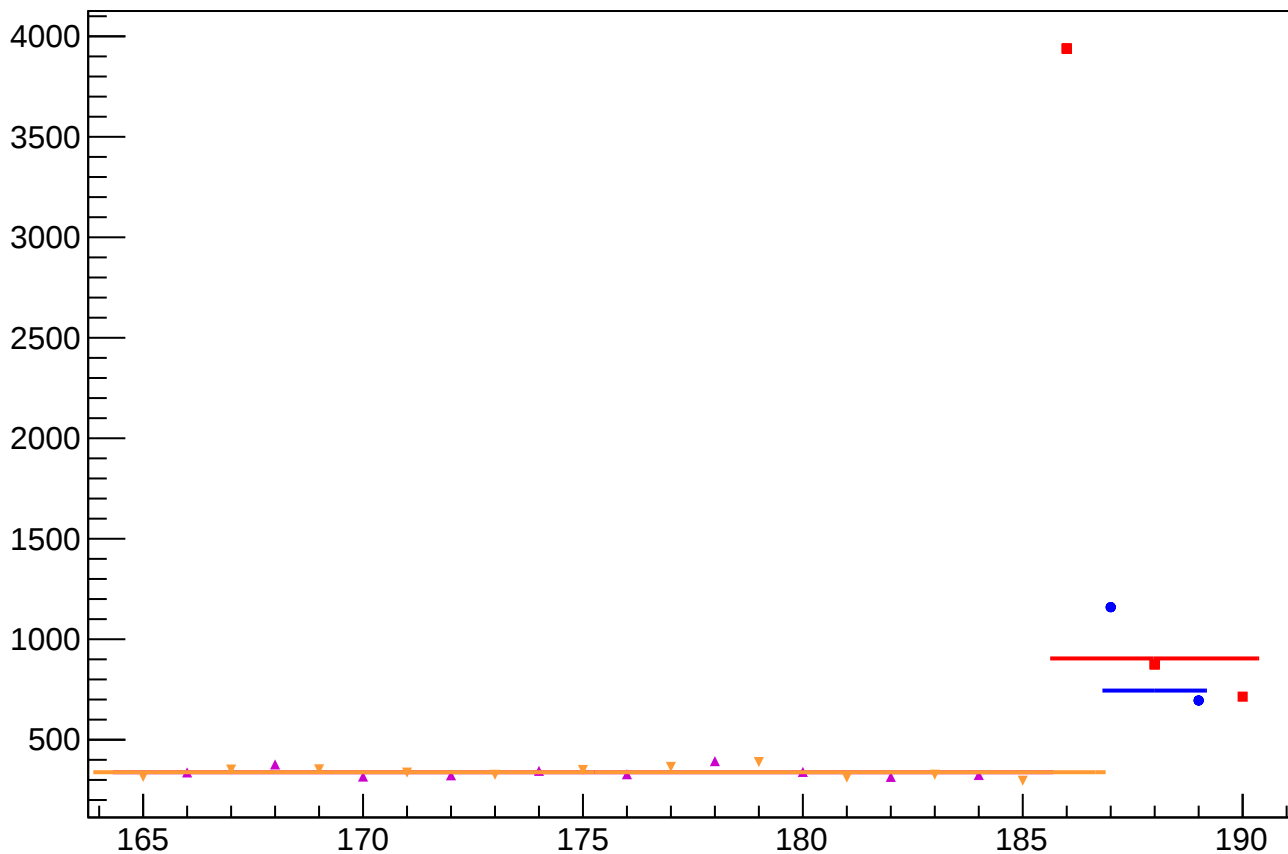
Left In: -39.982+/-126.334 χ^2/NDF : 10.9/9

+ sign -75.126+/-119.818 χ^2/NDF : 4.9/14

All: -55.931+/-86.321 χ^2/NDF : 21.8/29

- sign -35.217+/-124.468 χ^2/NDF : 16.8/14

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 744.565 $\pm$ 0.487 χ^2/NDF : 86107.4/3

Left Out: 338.319 $\pm$ 0.086 χ^2/NDF : 73961.3/10

Right Out: 904.467 $\pm$ 0.514 χ^2/NDF : 919513.6/4

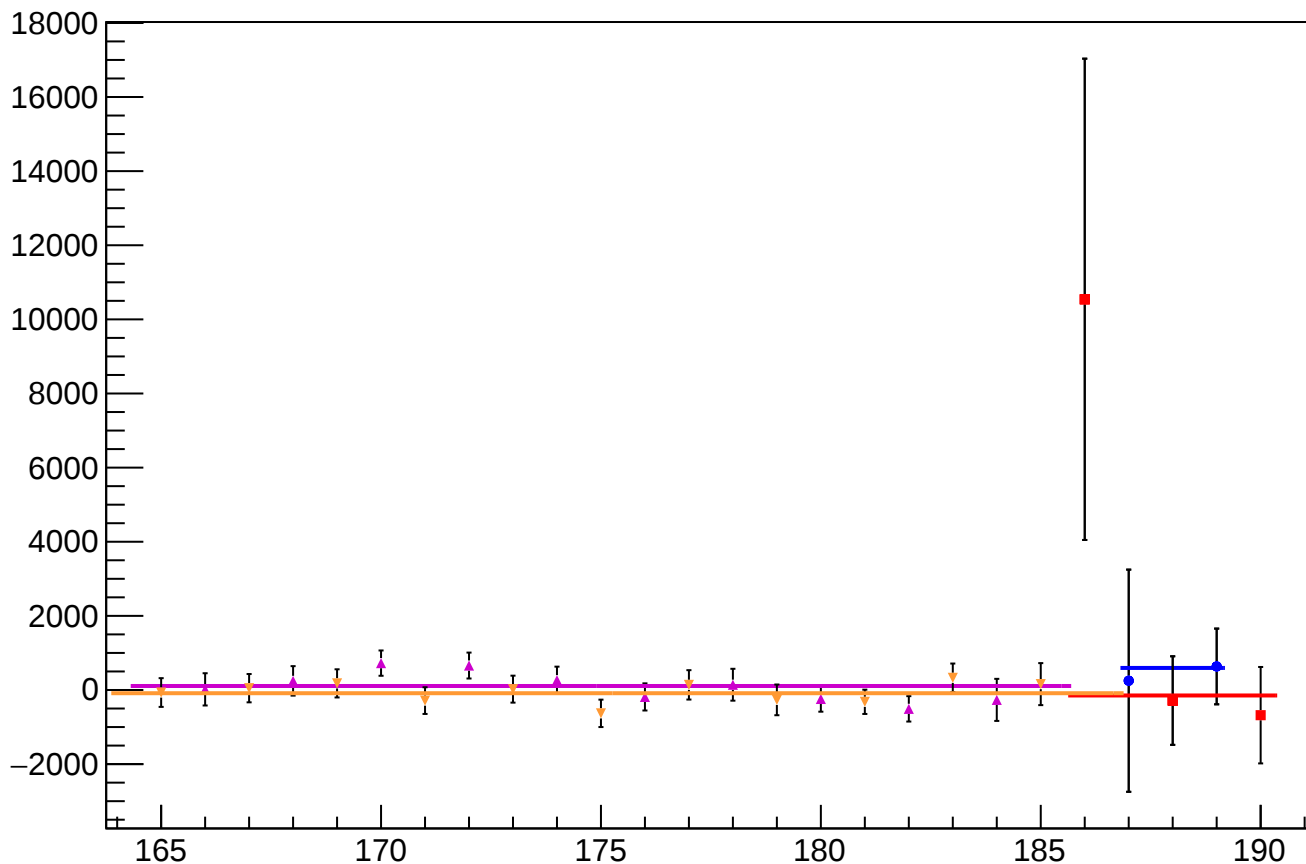
Left In: 338.264 $\pm$ 0.089 χ^2/NDF : 70292.6/9

+ sign 350.608 $\pm$ 0.085 χ^2/NDF : 834551.1/14

All: 352.657 $\pm$ 0.061 χ^2/NDF : 3003706.1/29

- sign 354.868 $\pm$ 0.088 χ^2/NDF : 2167939.0/14

asym_sam_13_57_dd_mean vs Slug



Right In: 595.036+/-683.661 χ^2/NDF : 0.0/3

Left Out: -87.020+/-115.955 χ^2/NDF : 5.5/10

Right Out: -147.950+/-700.288 χ^2/NDF : 5.6/4

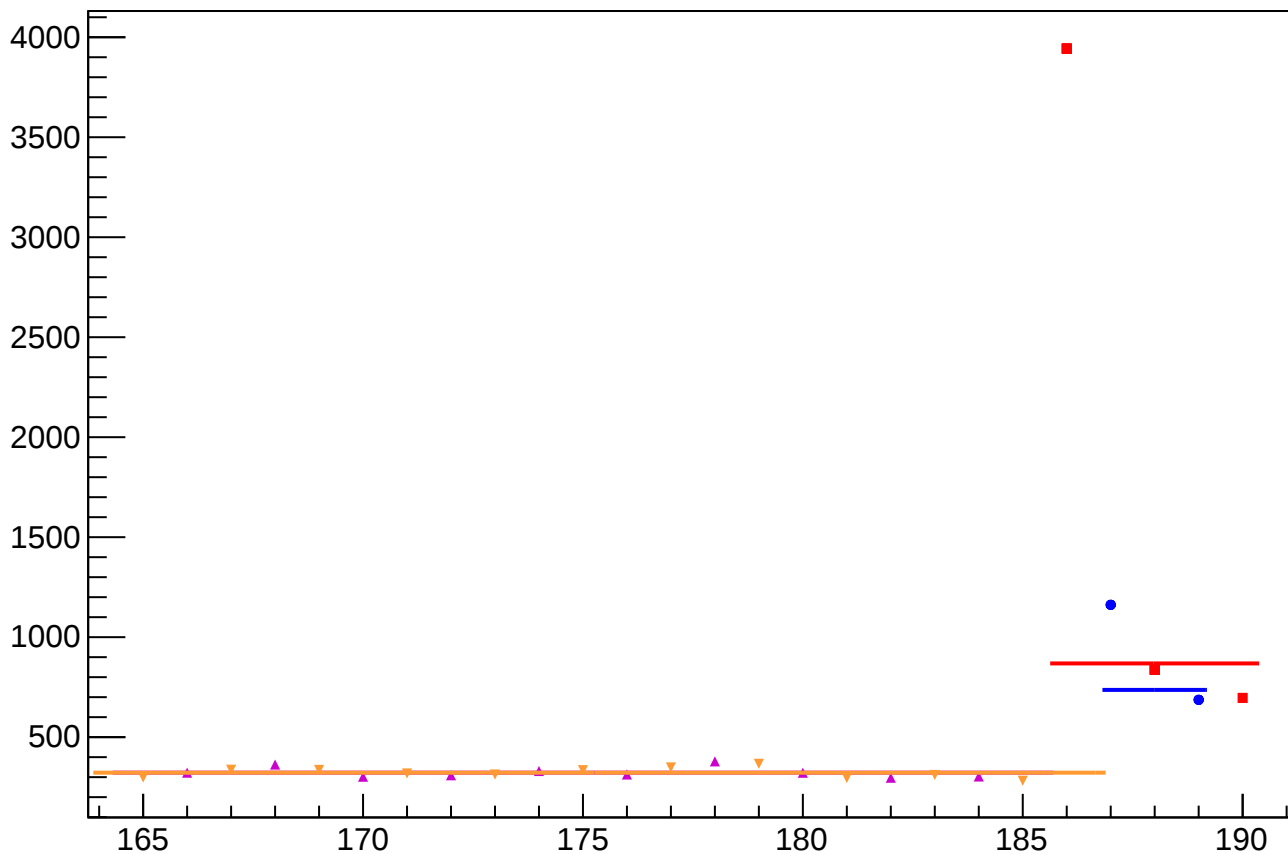
Left In: 107.892+/-120.506 χ^2/NDF : 11.5/9

+ sign -67.948+/-114.322 χ^2/NDF : 6.5/14

All: 13.086+/-82.362 χ^2/NDF : 24.8/29

- sign 100.534+/-118.761 χ^2/NDF : 17.2/14

asym_sam_13_57_dd_rms vs Slug



Right In: 736.292 $\pm$ 0.483 χ^2 /NDF: 89997.6/3

Left Out: 322.380 $\pm$ 0.082 χ^2 /NDF: 74213.9/10

Right Out: 868.695 $\pm$ 0.495 χ^2 /NDF: 934686.2/4

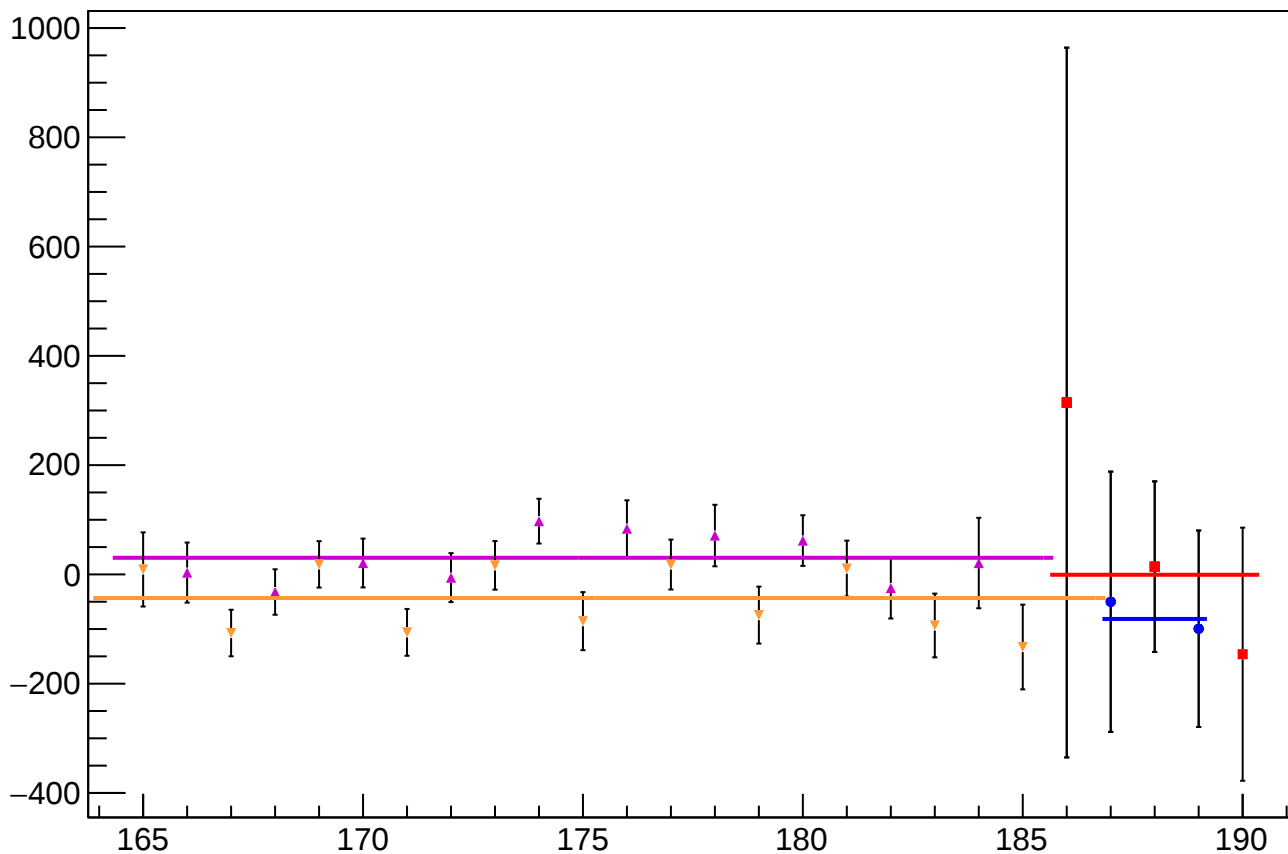
Left In: 322.483 $\pm$ 0.085 χ^2 /NDF: 80556.9/9

+ sign 333.954 $\pm$ 0.081 χ^2 /NDF: 876814.8/14

All: 335.992 $\pm$ 0.058 χ^2 /NDF: 3075129.7/29

- sign 338.192 $\pm$ 0.084 χ^2 /NDF: 2196992.9/14

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -81.524 ± 101.464 χ^2/NDF : 0.1/3

Left Out: -43.235 ± 15.048 χ^2/NDF : 14.9/10

Right Out: -0.647 ± 97.400 χ^2/NDF : 0.9/4

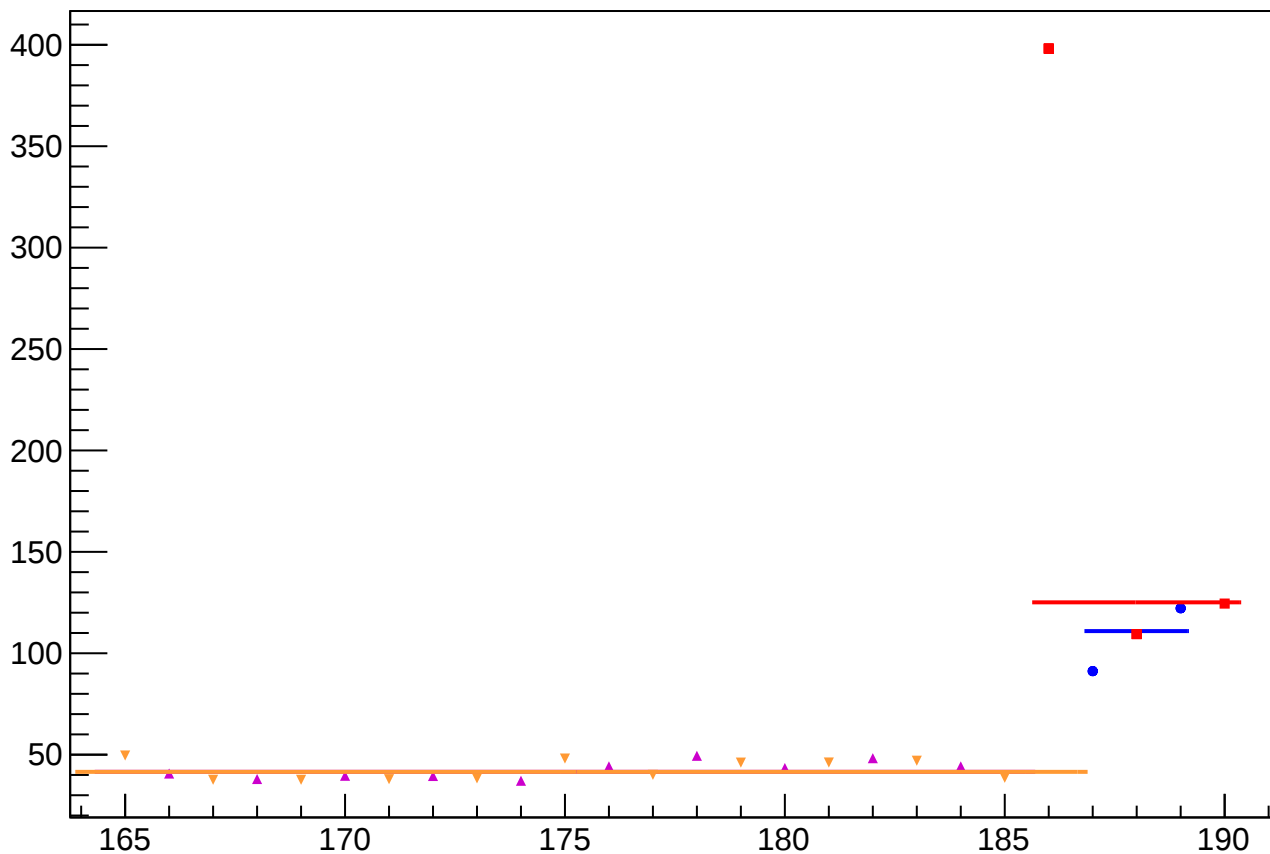
Left In: 30.439 ± 15.576 χ^2/NDF : 8.9/9

+ sign -44.059 ± 14.886 χ^2/NDF : 15.1/14

All: -8.403 ± 10.696 χ^2/NDF : 36.9/29

- sign 29.664 ± 15.380 χ^2/NDF : 9.9/14

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 110.933 $\pm$ 0.072 χ^2 /NDF: 43180.5/3

Left Out: 41.530 $\pm$ 0.011 χ^2 /NDF: 171287.1/10

Right Out: 125.108 $\pm$ 0.069 χ^2 /NDF: 746924.6/4

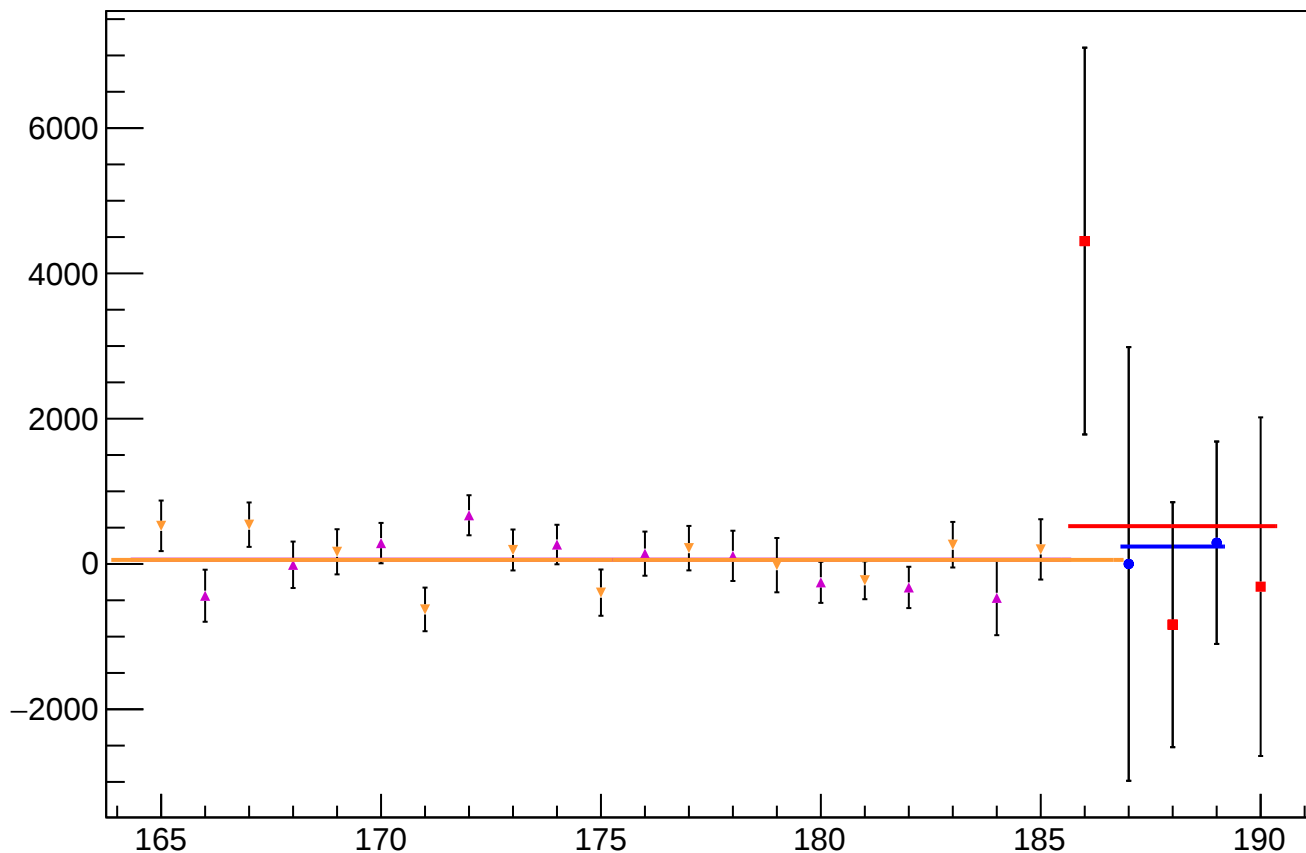
Left In: 41.545 $\pm$ 0.011 χ^2 /NDF: 125346.2/9

+ sign 43.024 $\pm$ 0.011 χ^2 /NDF: 1130077.3/14

All: 43.316 $\pm$ 0.008 χ^2 /NDF: 3439354.7/29

- sign 43.628 $\pm$ 0.011 χ^2 /NDF: 2307683.1/14

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 240.106 $\pm$ 892.672 χ^2 /NDF: 0.0/3

Left Out: 56.047 $\pm$ 94.765 χ^2 /NDF:13.9/10

Right Out: 520.582 $\pm$ 924.567 χ^2 /NDF: 5.8/4

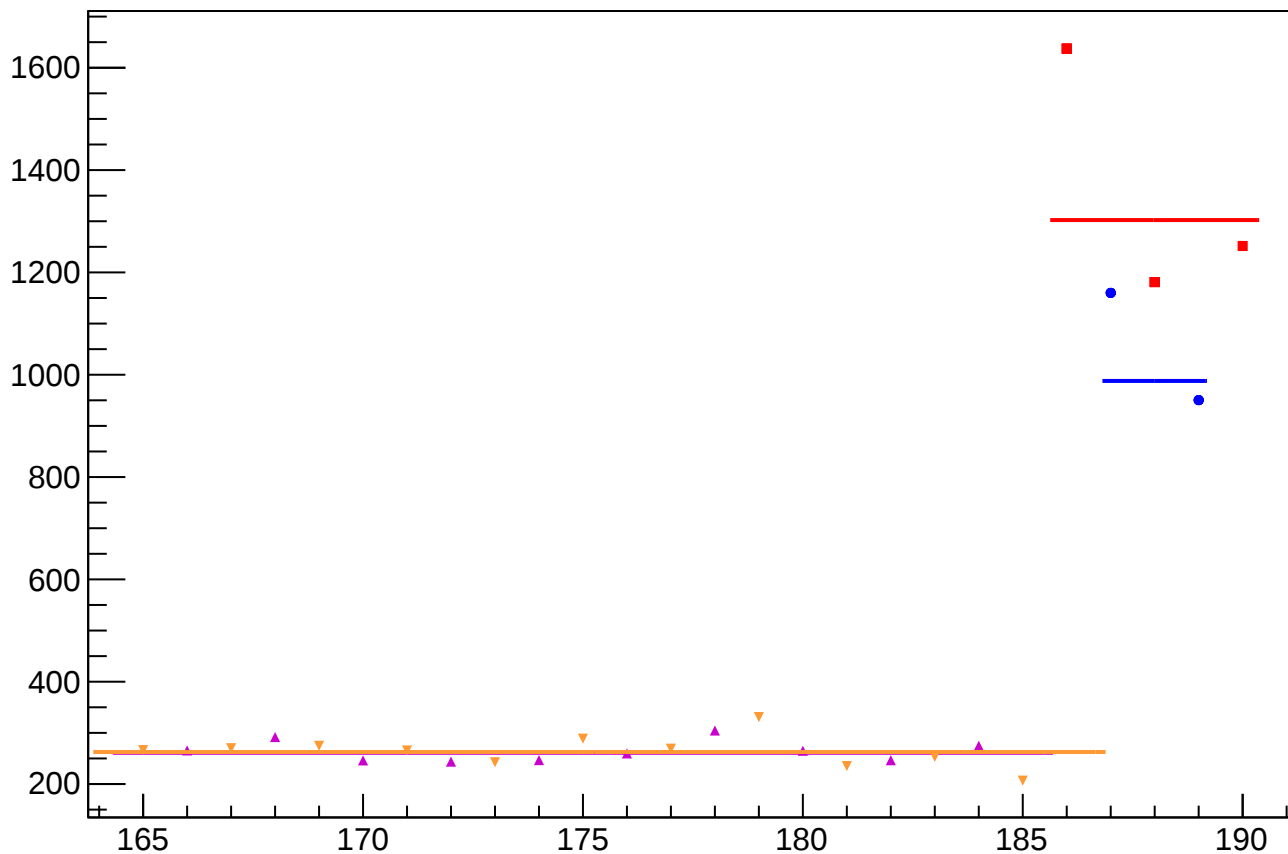
Left In: 59.062 $\pm$ 97.578 χ^2 /NDF:12.3/9

+ sign 58.098 $\pm$ 94.236 χ^2 /NDF: 13.9/14

All: 61.034 $\pm$ 67.604 χ^2 /NDF: 32.3/29

- sign 64.146 $\pm$ 97.039 χ^2 /NDF: 18.3/14

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 987.861 $\pm$ 0.631 χ^2/NDF : 16199.1/3

Left Out: 262.630 $\pm$ 0.067 χ^2/NDF : 156029.1/10

Right Out: 1302.293 $\pm$ 0.654 χ^2/NDF : 84979.7/4

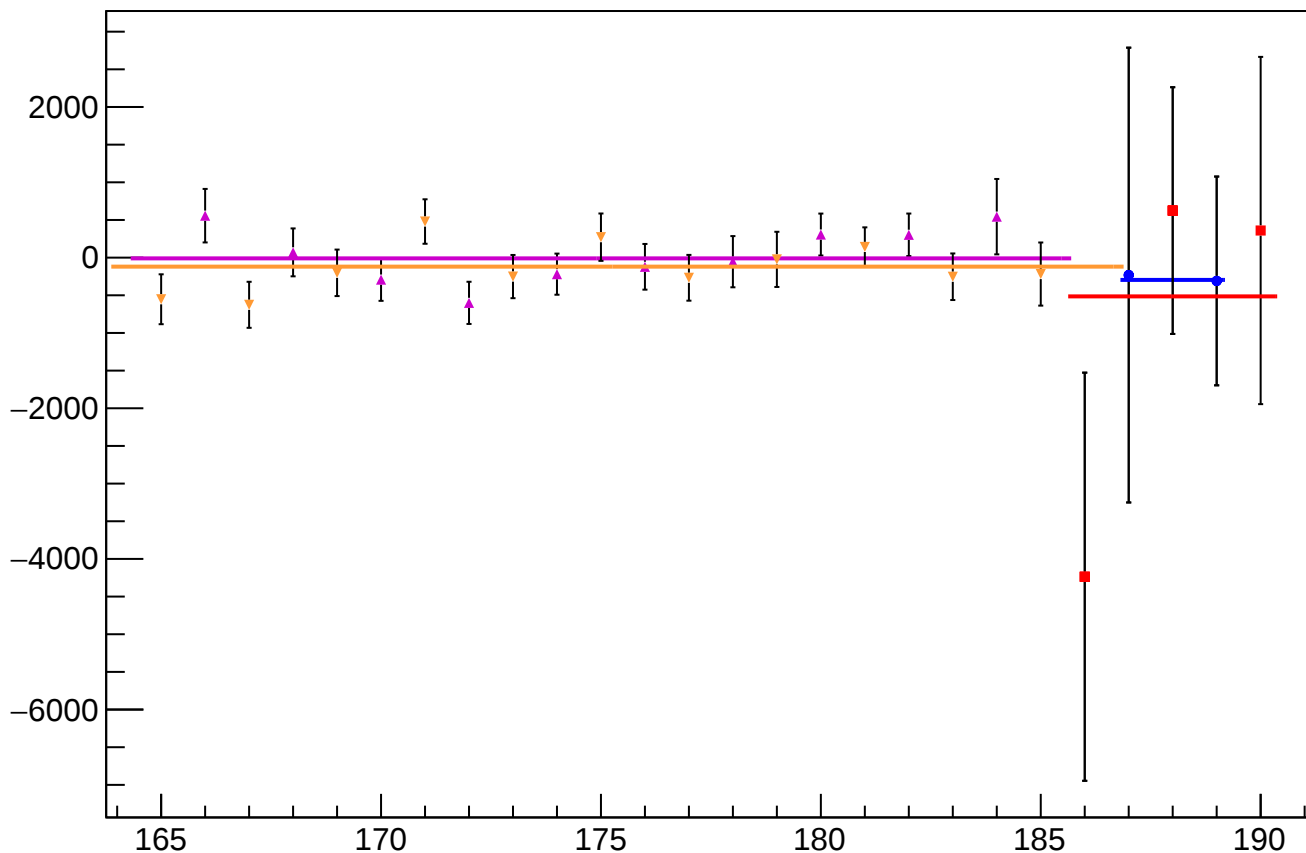
Left In: 261.035 $\pm$ 0.069 χ^2/NDF : 76737.2/9

+ sign 270.712 $\pm$ 0.067 χ^2/NDF : 1477595.3/14

All: 271.582 $\pm$ 0.048 χ^2/NDF : 4148424.1/29

- sign 272.505 $\pm$ 0.069 χ^2/NDF : 2670477.4/14

asym_sam_15_37_dd_mean vs Slug



Right In: -295.819 ± 890.615 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -119.541 ± 93.953 $\chi^2/\text{NDF}: 12.0/10$

Right Out: -514.552 ± 910.490 $\chi^2/\text{NDF}: 4.9/4$

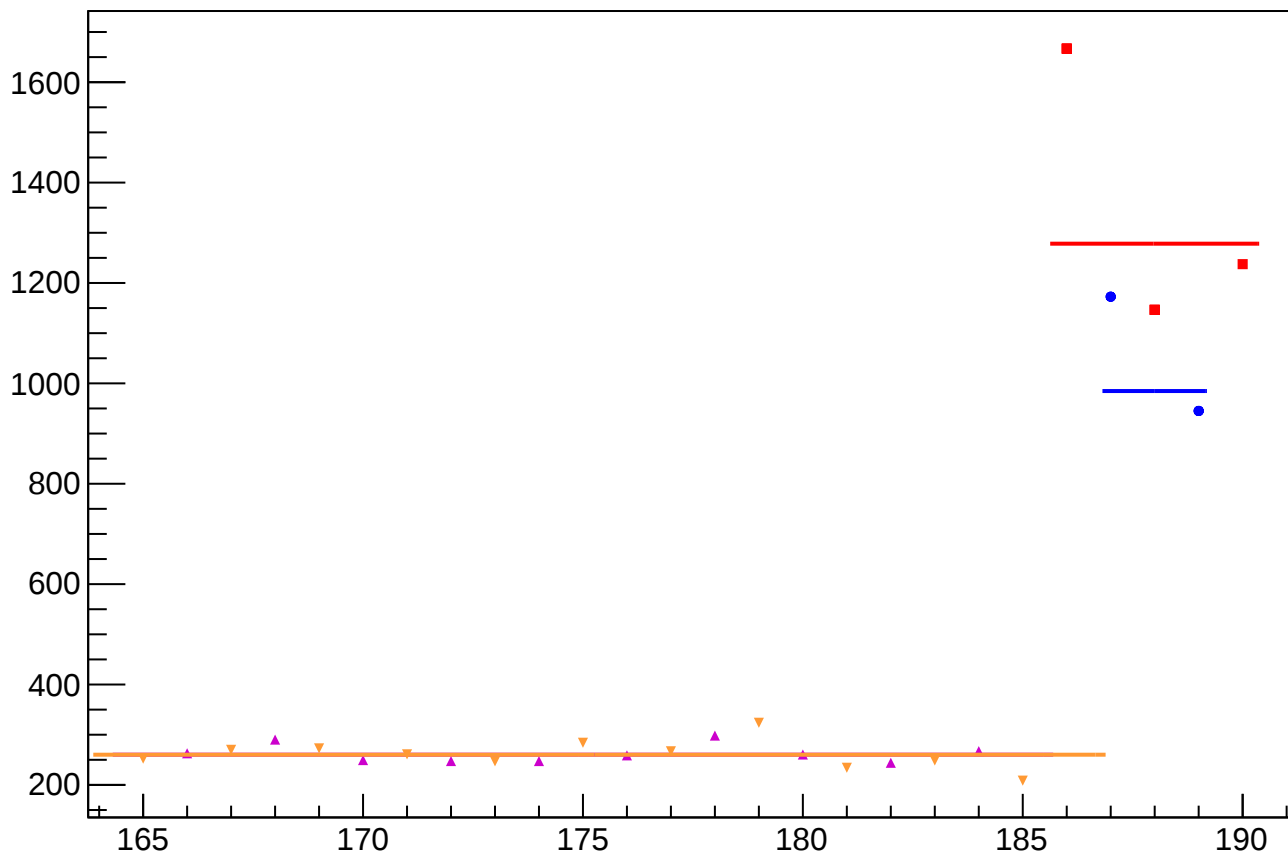
Left In: -9.828 ± 97.333 $\chi^2/\text{NDF}: 12.5/9$

+ sign -121.481 ± 93.434 $\chi^2/\text{NDF}: 12.0/14$

All: -70.370 ± 67.220 $\chi^2/\text{NDF}: 30.4/29$

- sign -15.531 ± 96.782 $\chi^2/\text{NDF}: 17.7/14$

asym_sam_15_37_dd_rms vs Slug



Right In: 984.711+/-0.630 χ^2/NDF : 18769.9/3

Left Out: 260.176+/-0.066 χ^2/NDF : 136798.2/10

+ sign 268.151+/-0.066 χ^2/NDF : 1464633.5/14

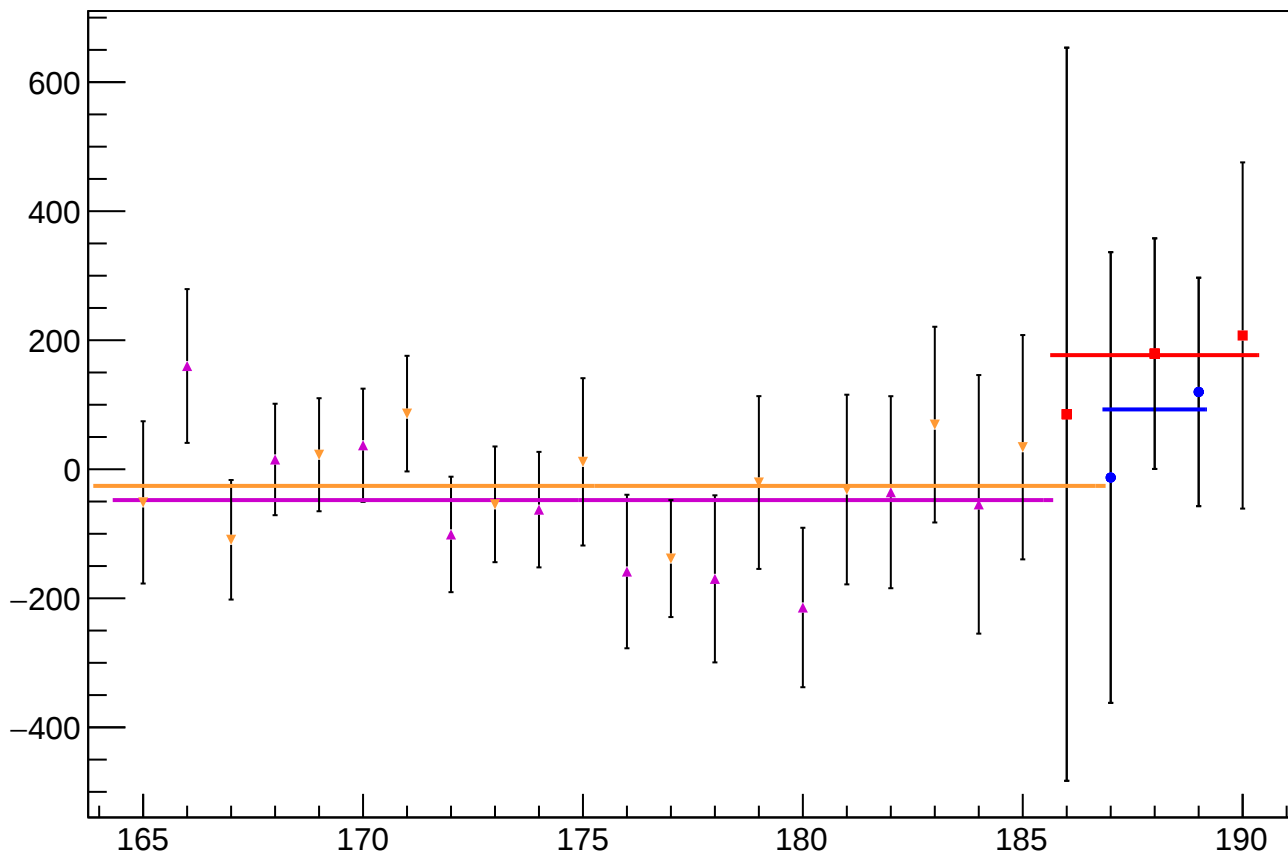
Right Out: 1278.285+/-0.644 χ^2/NDF : 108779.5/4

All: 269.867+/-0.048 χ^2/NDF : 4108510.8/29

- sign 271.708+/-0.068 χ^2/NDF : 2642478.9/14

Left In: 260.204+/-0.069 χ^2/NDF : 61353.2/9

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 92.743 $\pm$ 111.659 χ^2 /NDF: 0.2/3

Left Out: -25.772 $\pm$ 32.994 χ^2 /NDF: 5.0/10

Right Out: 176.897 $\pm$ 109.957 χ^2 /NDF: 0.1/4

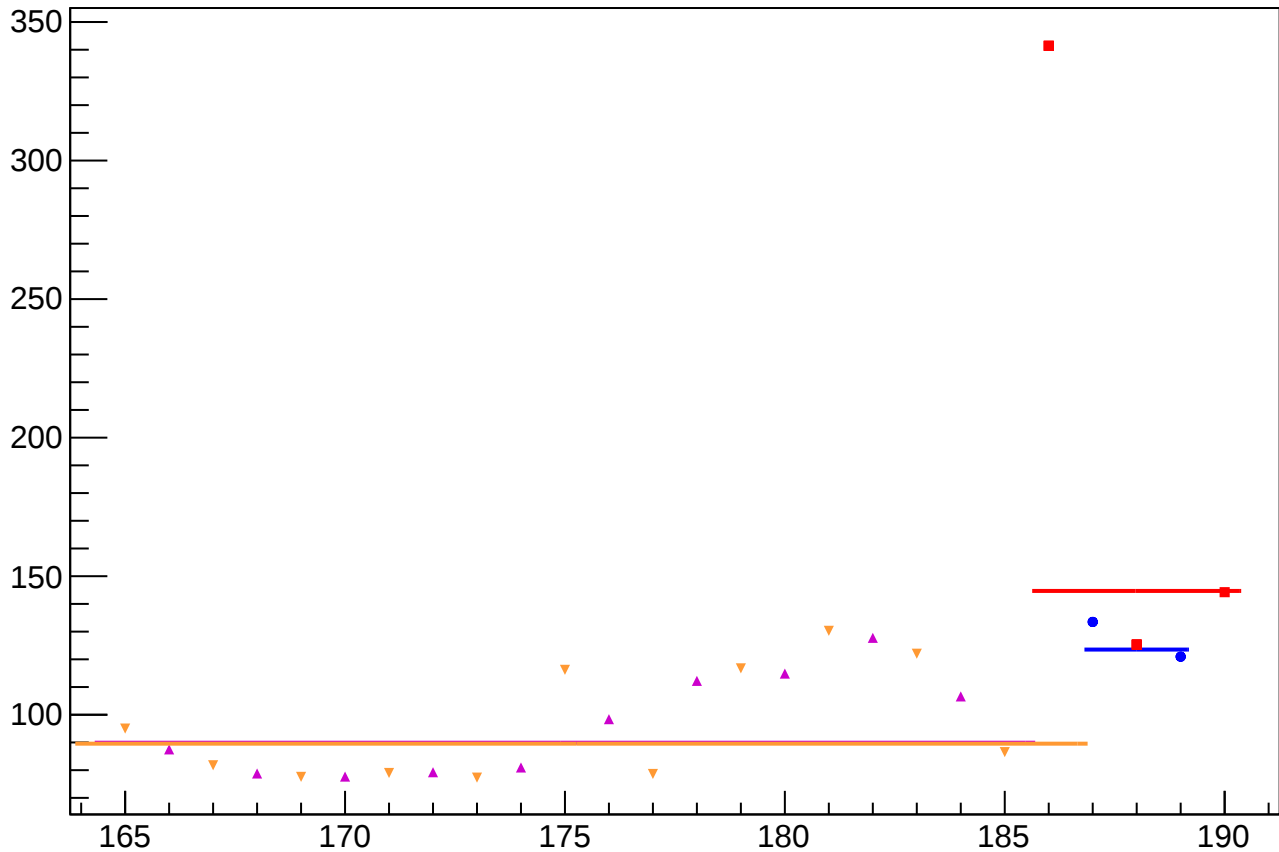
Left In: -47.775 $\pm$ 34.303 χ^2 /NDF: 8.5/9

+ sign -16.255 $\pm$ 31.641 χ^2 /NDF: 6.2/14

All: -21.853 $\pm$ 22.755 χ^2 /NDF: 18.6/29

- sign -27.848 $\pm$ 32.747 χ^2 /NDF: 12.3/14

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 123.522 $\pm$ 0.079 χ^2 /NDF: 4105.1/3

Left Out: 89.563 $\pm$ 0.023 χ^2 /NDF: 562171.2/10

Right Out: 144.682 $\pm$ 0.078 χ^2 /NDF: 526625.9/4

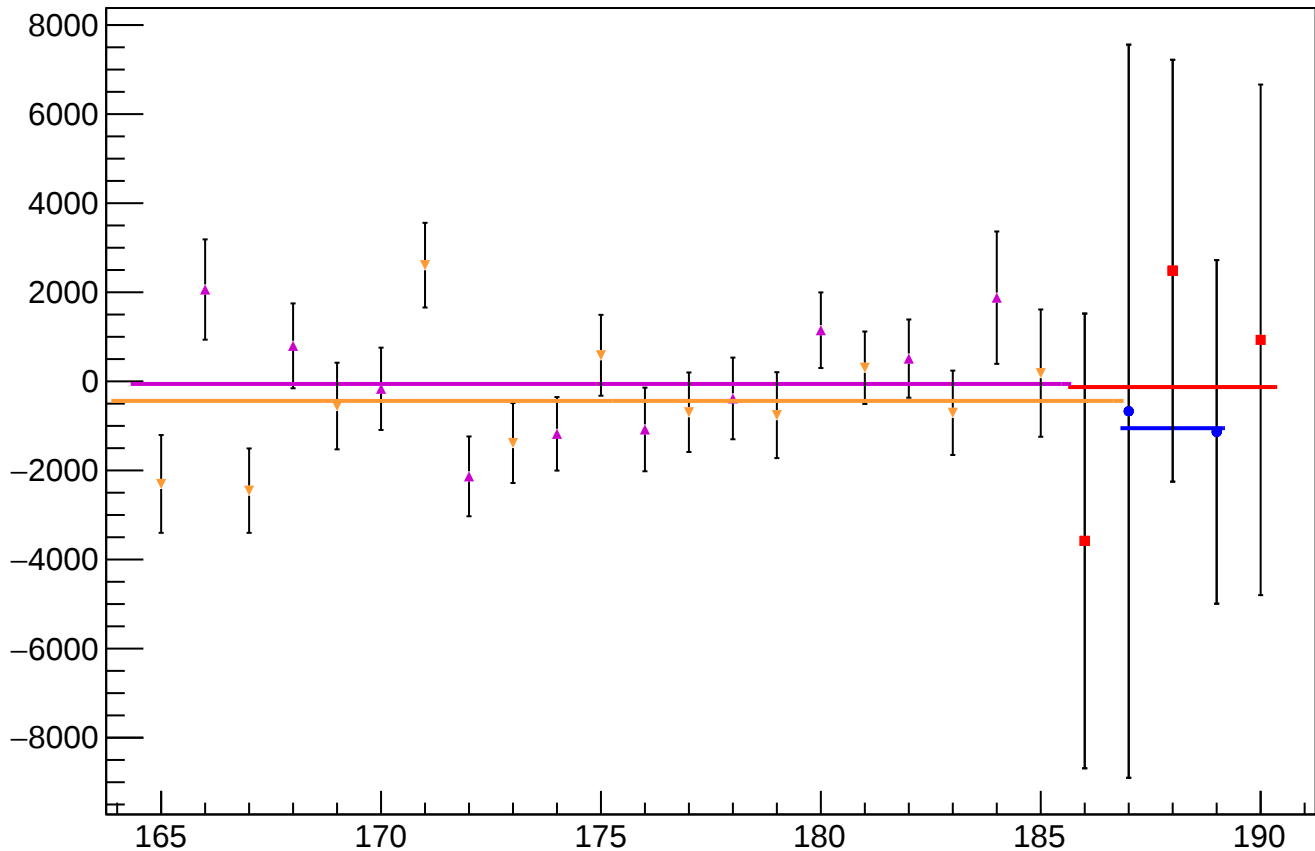
Left In: 89.907 $\pm$ 0.024 χ^2 /NDF: 415379.7/9

+ sign 92.290 $\pm$ 0.022 χ^2 /NDF: 736410.9/14

All: 93.485 $\pm$ 0.016 χ^2 /NDF: 2136605.5/29

- sign 94.765 $\pm$ 0.023 χ^2 /NDF: 1394284.8/14

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -1051.335 $\pm$ 2469.618 χ^2/NDF : 0.0/3

Left Out: -438.915 $\pm$ 288.549 χ^2/NDF : 21.4/10

Right Out: -127.860 $\pm$ 2256.657 χ^2/NDF : 1.6/4

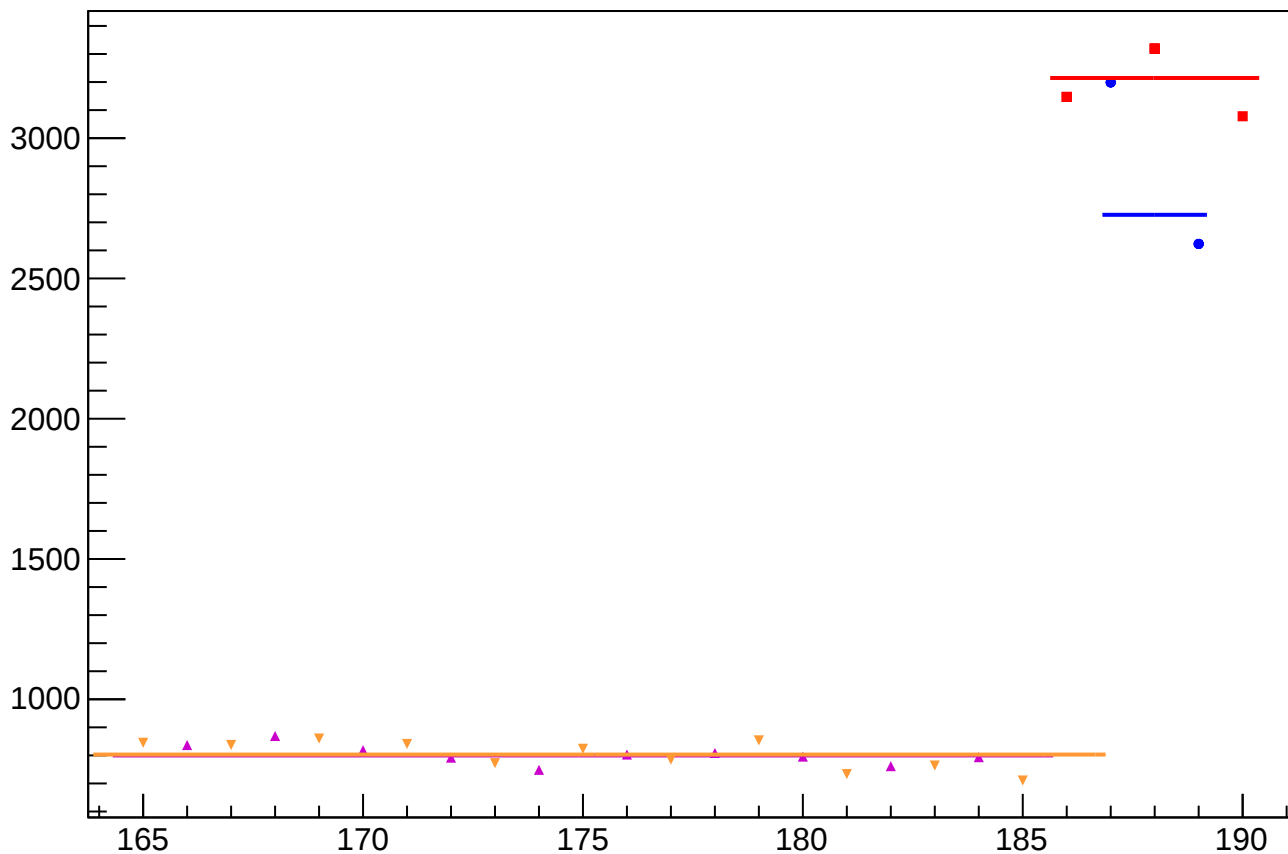
Left In: -57.947 $\pm$ 298.308 χ^2/NDF : 17.0/9

+ sign -447.163 $\pm$ 286.600 χ^2/NDF : 21.4/14

All: -259.241 $\pm$ 205.811 χ^2/NDF : 40.9/29

- sign -59.147 $\pm$ 295.736 χ^2/NDF : 18.6/14

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 2726.785 $\pm$ 1.746 χ^2 /NDF: 16036.0/3

Left Out: 802.951 $\pm$ 0.204 χ^2 /NDF: 51736.1/10

Right Out: 3214.524 $\pm$ 1.596 χ^2 /NDF: 3786.9/4

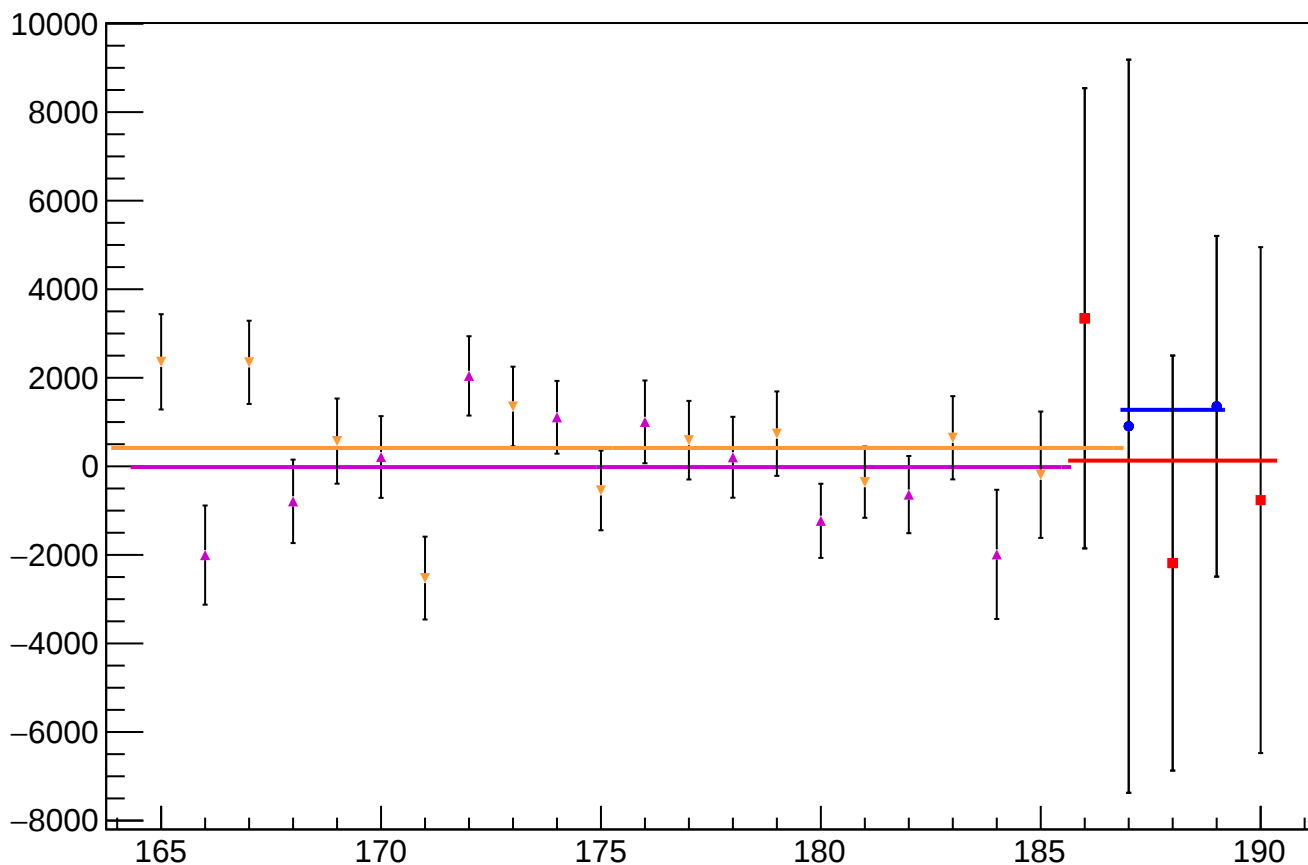
Left In: 799.793 $\pm$ 0.211 χ^2 /NDF: 25532.2/9

+ sign 828.860 $\pm$ 0.203 χ^2 /NDF: 1265110.9/14

All: 834.868 $\pm$ 0.146 χ^2 /NDF: 3546919.5/29

- sign 841.264 $\pm$ 0.209 χ^2 /NDF: 2279994.2/14

asym_sam_24_68_dd_mean vs Slug



Right In: 1276.589 $\pm$ 2466.937 χ^2 /NDF: 0.0/3

Left Out: 415.262 $\pm$ 285.988 χ^2 /NDF:20.9/10

Right Out: 129.523 $\pm$ 2260.301 χ^2 /NDF: 1.3/4

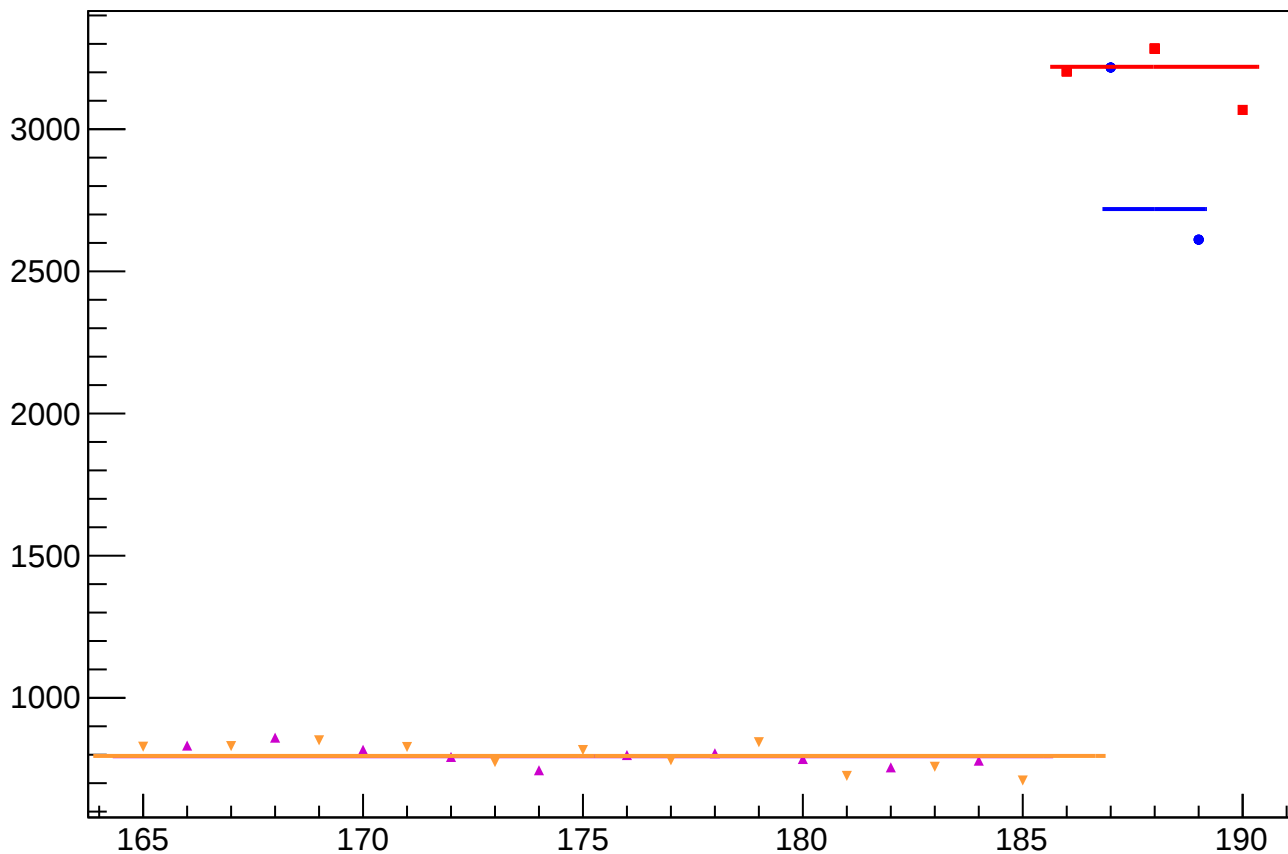
Left In: -16.424 $\pm$ 296.478 χ^2 /NDF:16.7/9

+ sign 426.685 $\pm$ 284.086 χ^2 /NDF: 21.1/14

All: 213.890 $\pm$ 204.281 χ^2 /NDF: 40.2/29

- sign -13.955 $\pm$ 293.960 χ^2 /NDF: 18.0/14

asym_sam_24_68_dd_rms vs Slug



Right In: 2719.133+/-1.744 χ^2/NDF : 17586.6/3

Left Out: 795.797+/-0.202 χ^2/NDF : 47132.9/10

Right Out: 3219.402+/-1.598 χ^2/NDF : 2192.1/4

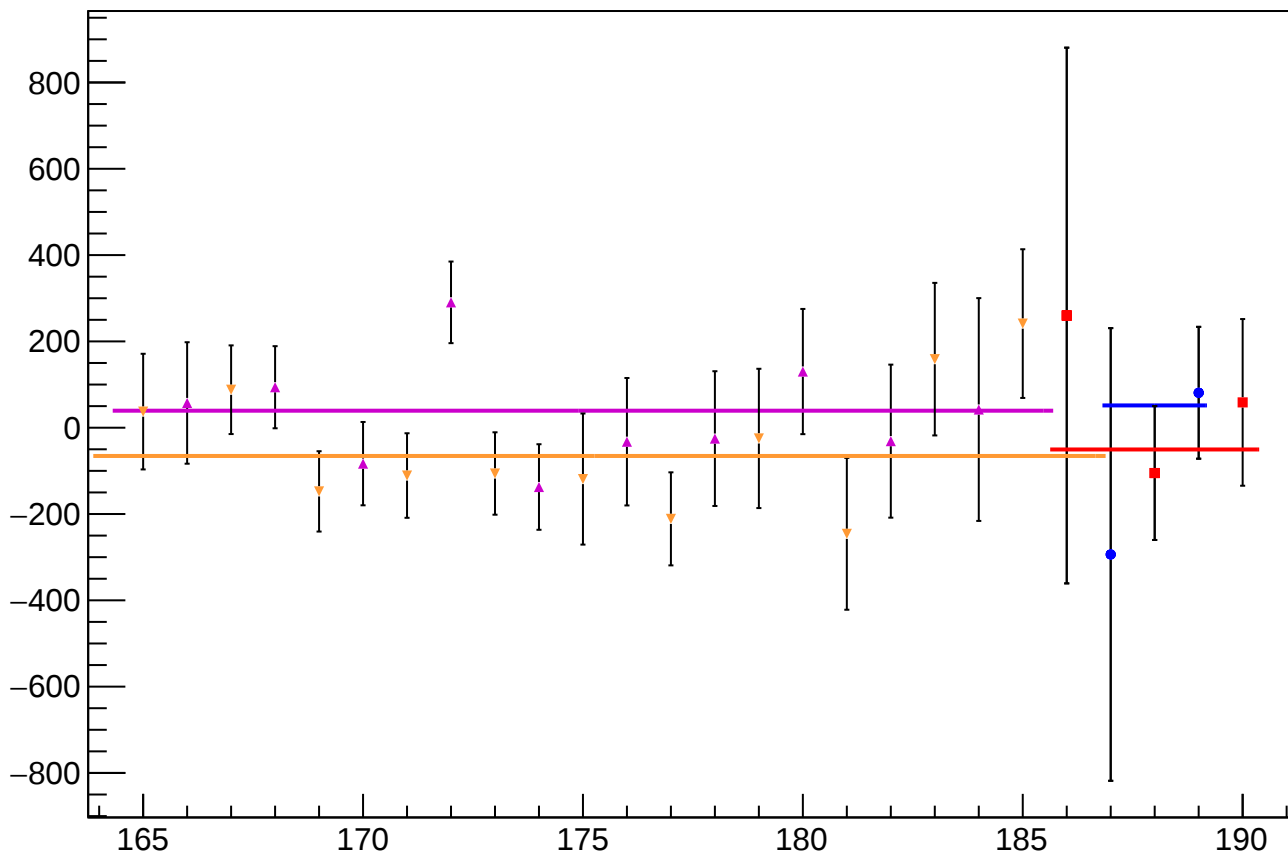
Left In: 794.689+/-0.210 χ^2/NDF : 25111.6/9

+ sign 821.303+/-0.201 χ^2/NDF : 1264290.7/14

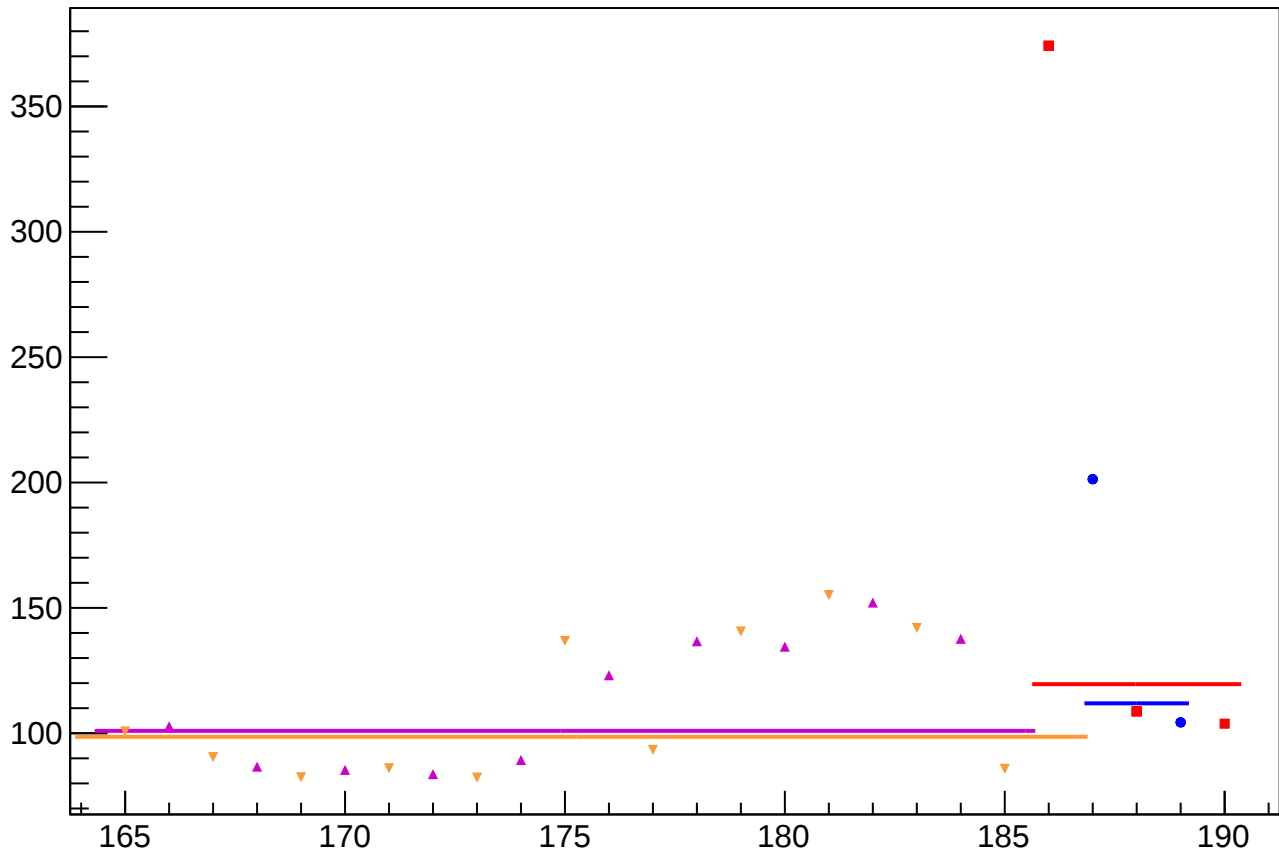
All: 828.256+/-0.144 χ^2/NDF : 3556685.0/29

- sign 835.700+/-0.208 χ^2/NDF : 2289913.6/14

dit_asym_sam_26_48_dd_mean vs Slug



dit_asym_sam_26_48_dd_rms vs Slug



Right In: 111.935 $\pm$ 0.073 χ^2/NDF : 126065.0/3

Left Out: 98.589 $\pm$ 0.026 χ^2/NDF : 769446.6/10

Right Out: 119.579 $\pm$ 0.066 χ^2/NDF : 705920.3/4

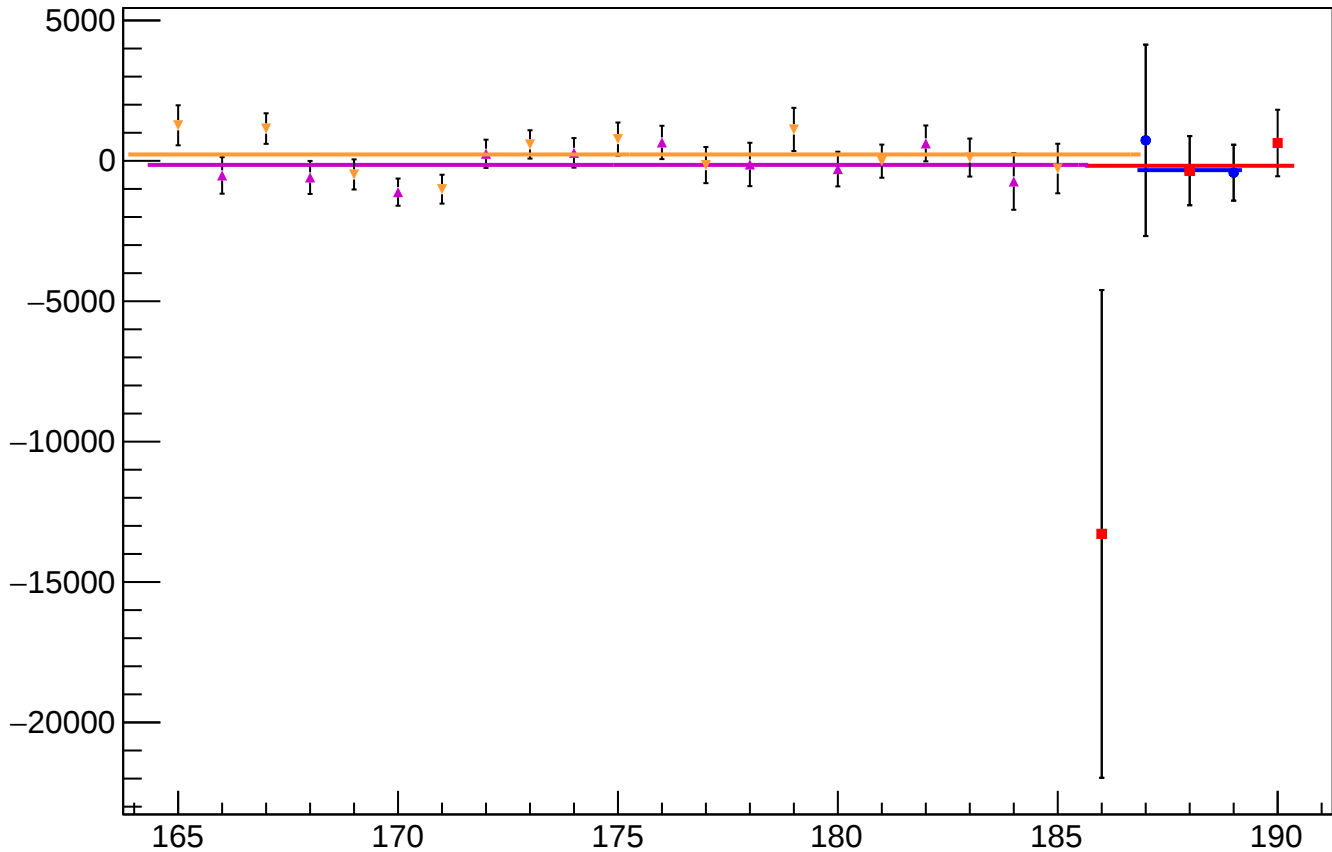
Left In: 100.955 $\pm$ 0.027 χ^2/NDF : 655431.2/9

+ sign 100.068 $\pm$ 0.024 χ^2/NDF : 924954.0/14

All: 101.821 $\pm$ 0.018 χ^2/NDF : 2365047.0/29

- sign 103.710 $\pm$ 0.025 χ^2/NDF : 1429389.4/14

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -330.999 $\pm$ 675.589 χ^2/NDF : 0.2/3

Left Out: 227.570 $\pm$ 183.065 χ^2/NDF : 16.1/10

Right Out: -175.299 $\pm$ 696.978 χ^2/NDF : 5.1/4

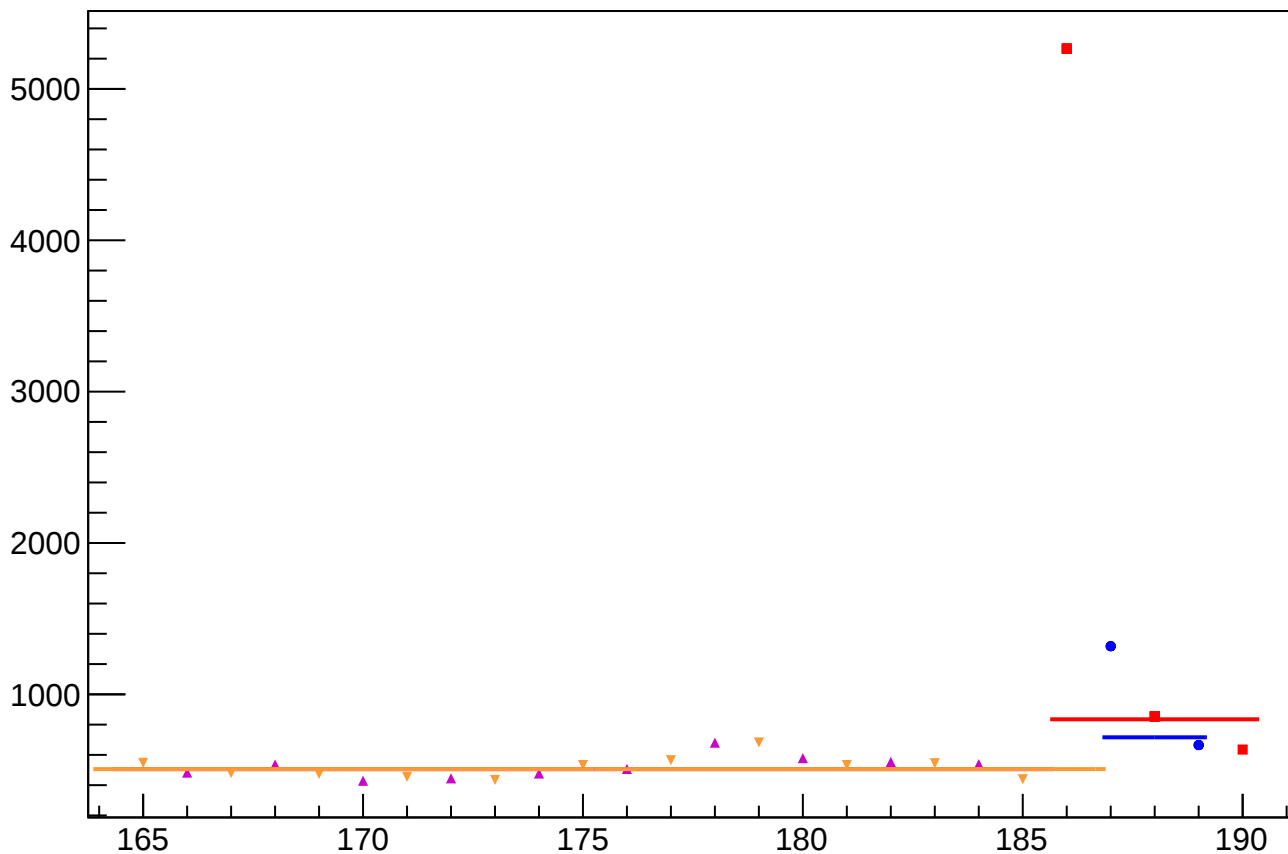
Left In: -143.867 $\pm$ 190.109 χ^2/NDF : 9.9/9

+ sign 189.362 $\pm$ 176.693 χ^2/NDF : 16.9/14

All: 27.913 $\pm$ 127.249 χ^2/NDF : 33.6/29

- sign -146.044 $\pm$ 183.409 χ^2/NDF : 14.9/14

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 716.149 $\pm$ 0.478 χ^2/NDF : 135329.6/3

Left Out: 506.101 $\pm$ 0.129 χ^2/NDF : 225556.1/10

Right Out: 835.150 $\pm$ 0.493 χ^2/NDF : 1099306.3/4

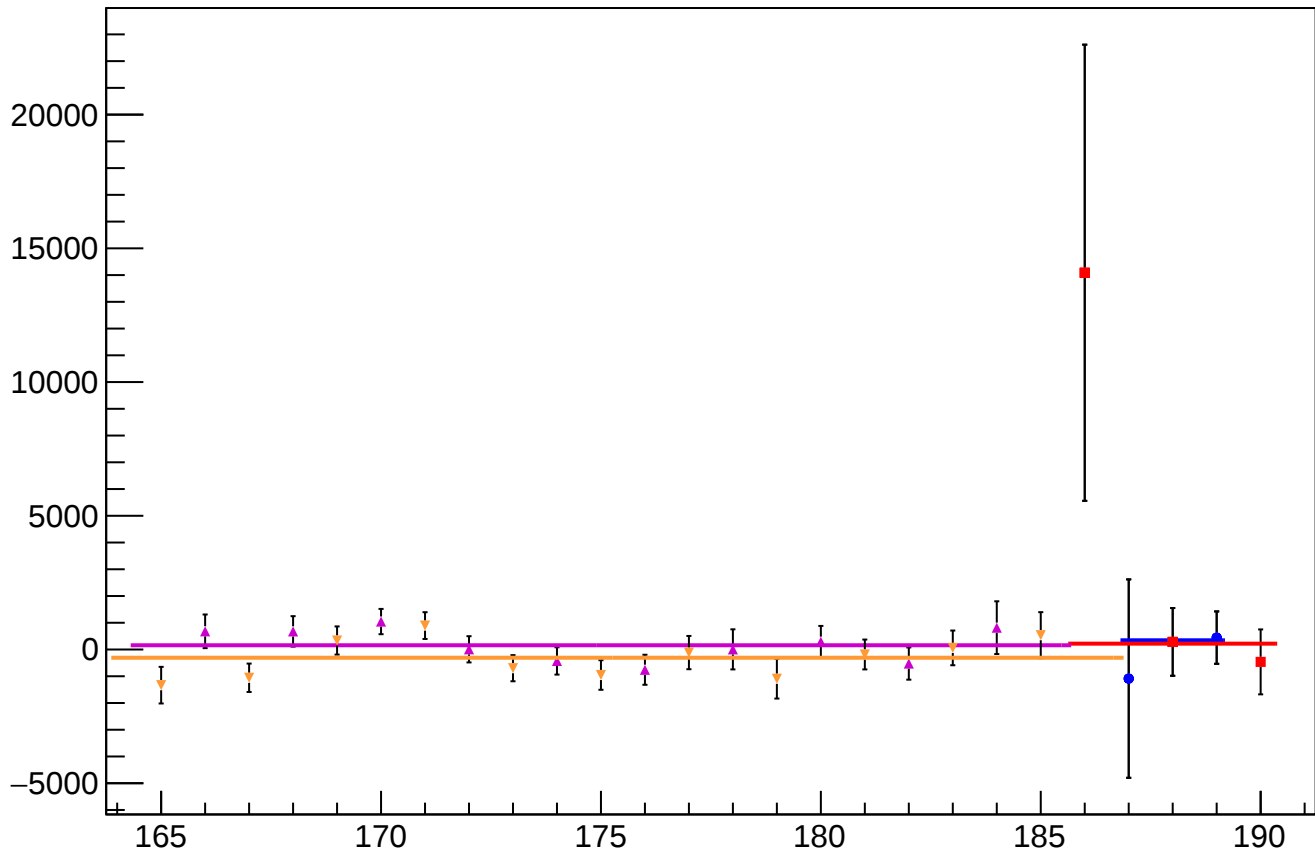
Left In: 505.932 $\pm$ 0.134 χ^2/NDF : 237137.7/9

+ sign 520.468 $\pm$ 0.125 χ^2/NDF : 540994.0/14

All: 524.445 $\pm$ 0.090 χ^2/NDF : 2294872.0/29

- sign 528.729 $\pm$ 0.130 χ^2/NDF : 1751773.7/14

asym_sam_26_48_dd_mean vs Slug



Right In: 344.326 ± 669.759 $\chi^2/\text{NDF}: 0.3/3$

Left Out: -307.909 ± 176.597 $\chi^2/\text{NDF}: 16.0/10$

Right Out: 218.785 ± 715.604 $\chi^2/\text{NDF}: 5.6/4$

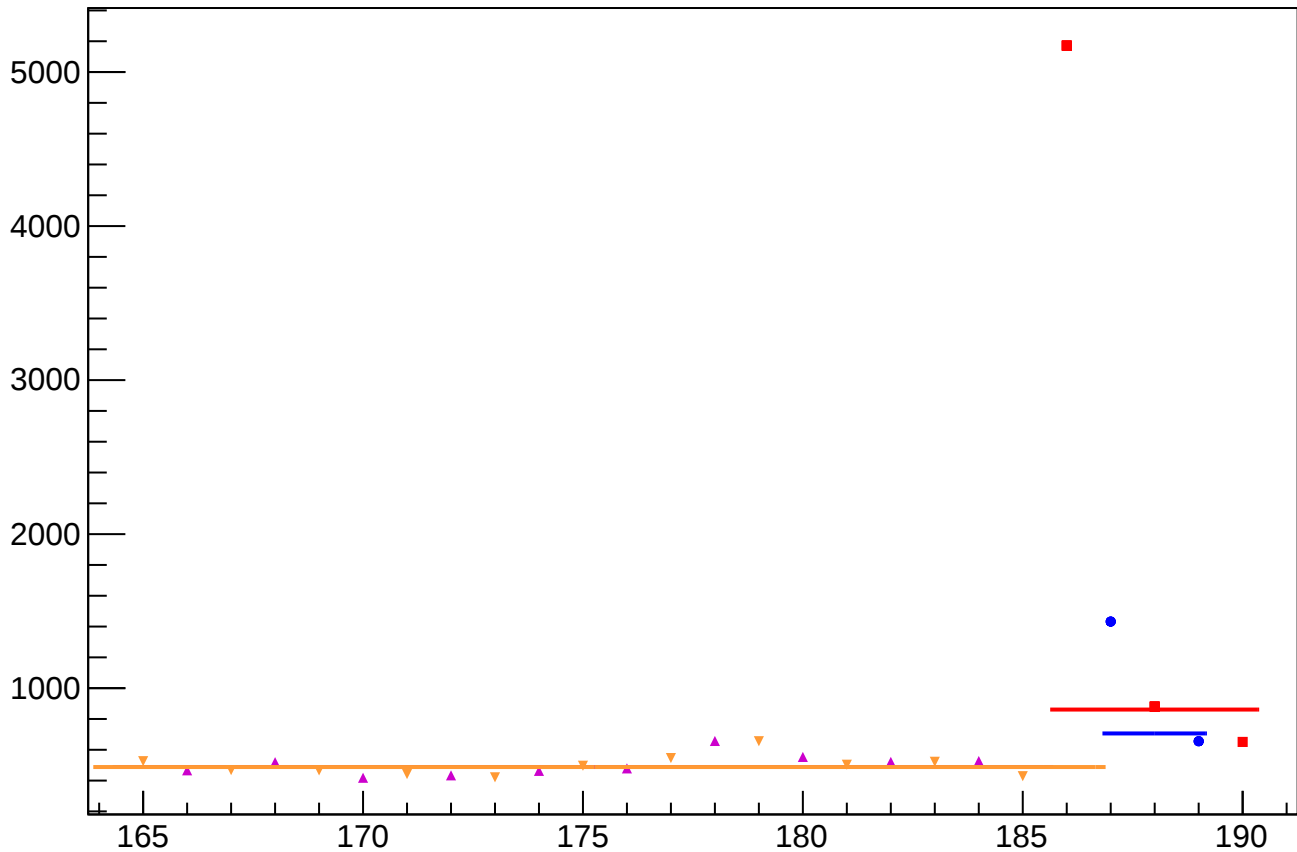
Left In: 158.565 ± 183.539 $\chi^2/\text{NDF}: 10.9/9$

+ sign -265.511 ± 170.761 $\chi^2/\text{NDF}: 17.3/14$

All: -60.232 ± 123.155 $\chi^2/\text{NDF}: 36.8/29$

- sign 162.282 ± 177.785 $\chi^2/\text{NDF}: 16.6/14$

asym_sam_26_48_dd_rms vs Slug



Right In: 706.045 $\pm$ 0.474 χ^2/NDF : 164060.4/3

Left Out: 487.976 $\pm$ 0.125 χ^2/NDF : 203210.9/10

Right Out: 861.119 $\pm$ 0.506 χ^2/NDF : 1082722.8/4

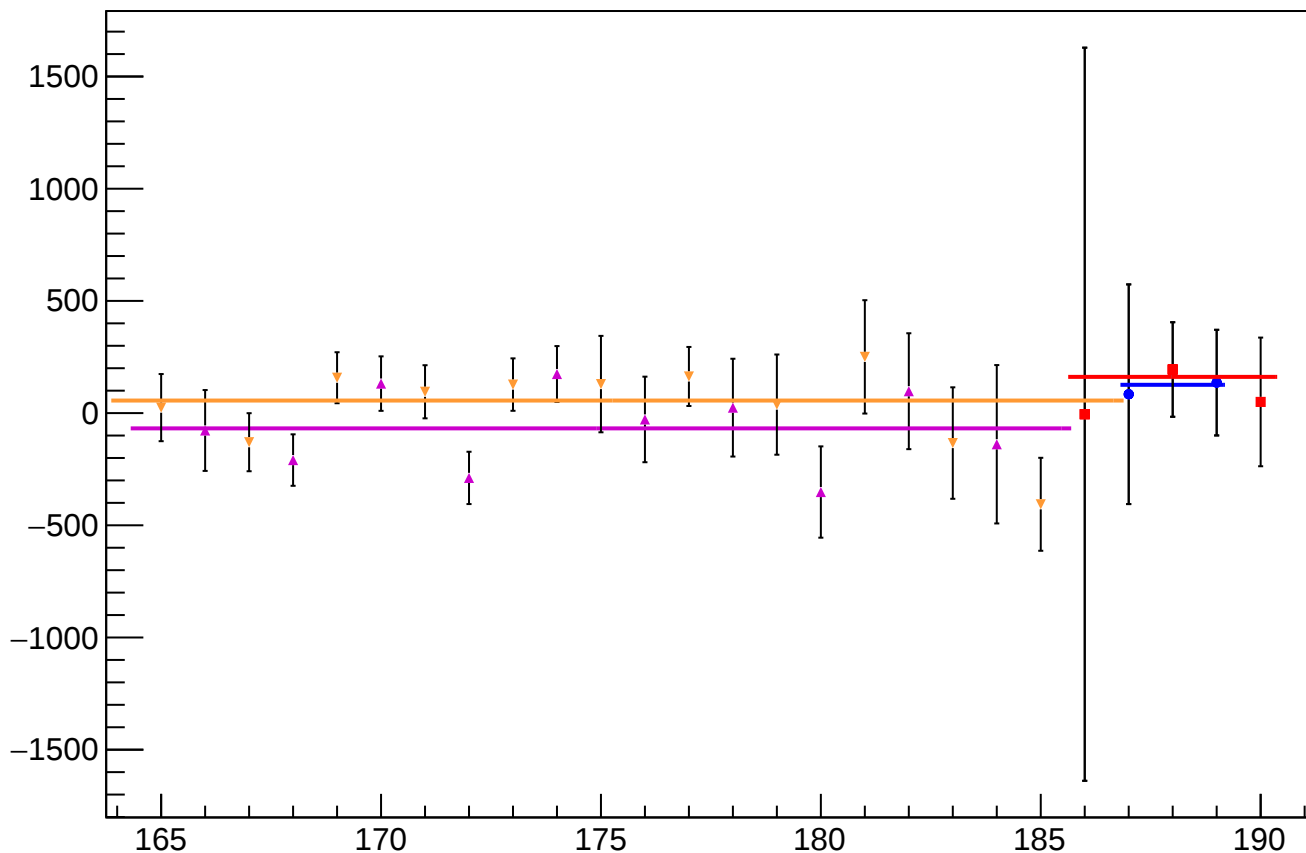
Left In: 488.213 $\pm$ 0.130 χ^2/NDF : 217366.2/9

+ sign 502.152 $\pm$ 0.121 χ^2/NDF : 565510.5/14

All: 506.508 $\pm$ 0.087 χ^2/NDF : 2377893.6/29

- sign 511.230 $\pm$ 0.126 χ^2/NDF : 1809670.6/14

dit_asym_sam_1548_avg_mean vs Slug



Right In: 126.103 ± 150.015 χ^2/NDF : 0.0/3

Left Out: 55.976 ± 45.585 χ^2/NDF : 10.3/10

Right Out: 161.436 ± 131.319 χ^2/NDF : 0.2/4

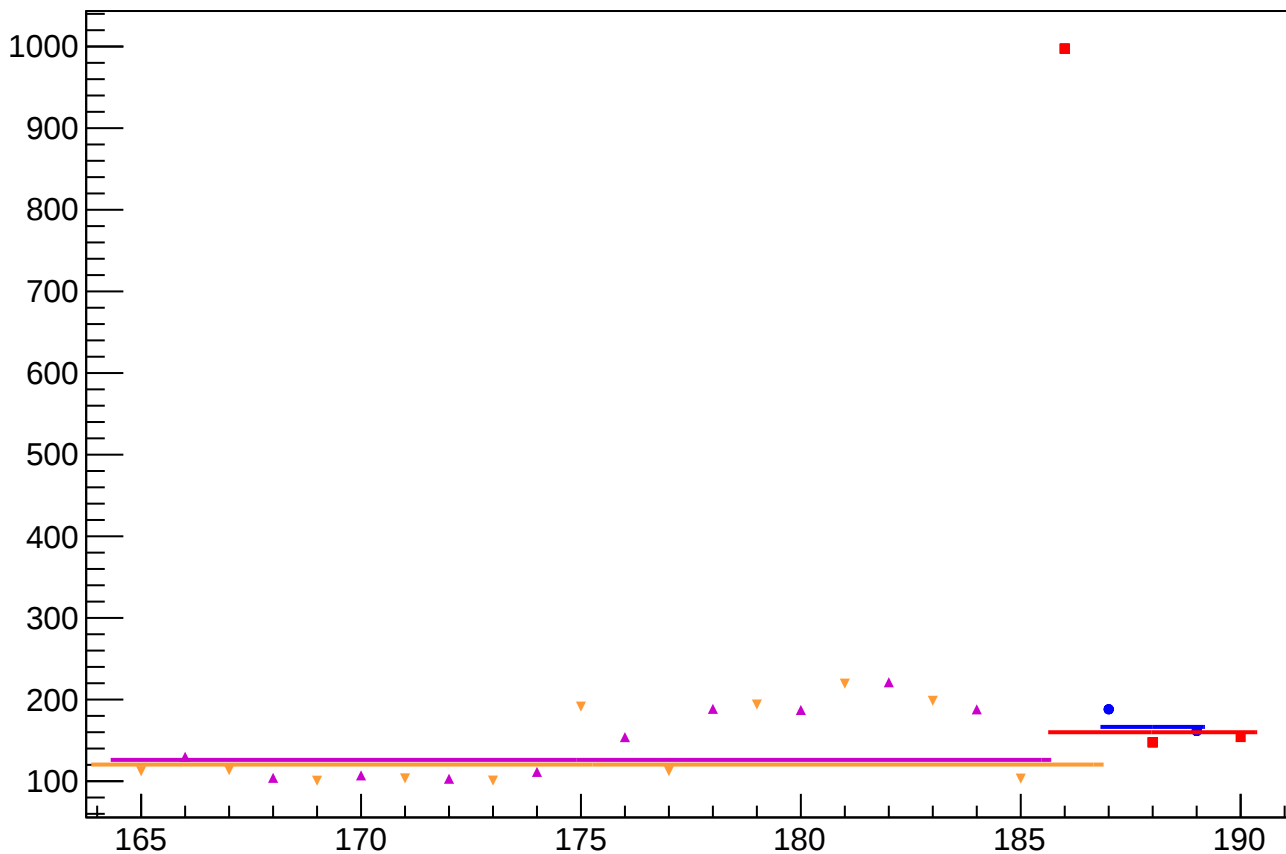
Left In: -68.089 ± 49.474 χ^2/NDF : 14.2/9

+ sign 61.904 ± 43.616 χ^2/NDF : 10.5/14

All: 14.195 ± 31.747 χ^2/NDF : 30.2/29

- sign -39.560 ± 46.297 χ^2/NDF : 17.1/14

dit_asym_sam_1548_avg_rms vs Slug



Right In: 166.504 $\pm$ 0.106 χ^2/NDF : 9578.5/3

Left Out: 120.370 $\pm$ 0.032 χ^2/NDF :1132038.3/10

Right Out: 159.973 $\pm$ 0.093 χ^2/NDF : 1065823.2/4

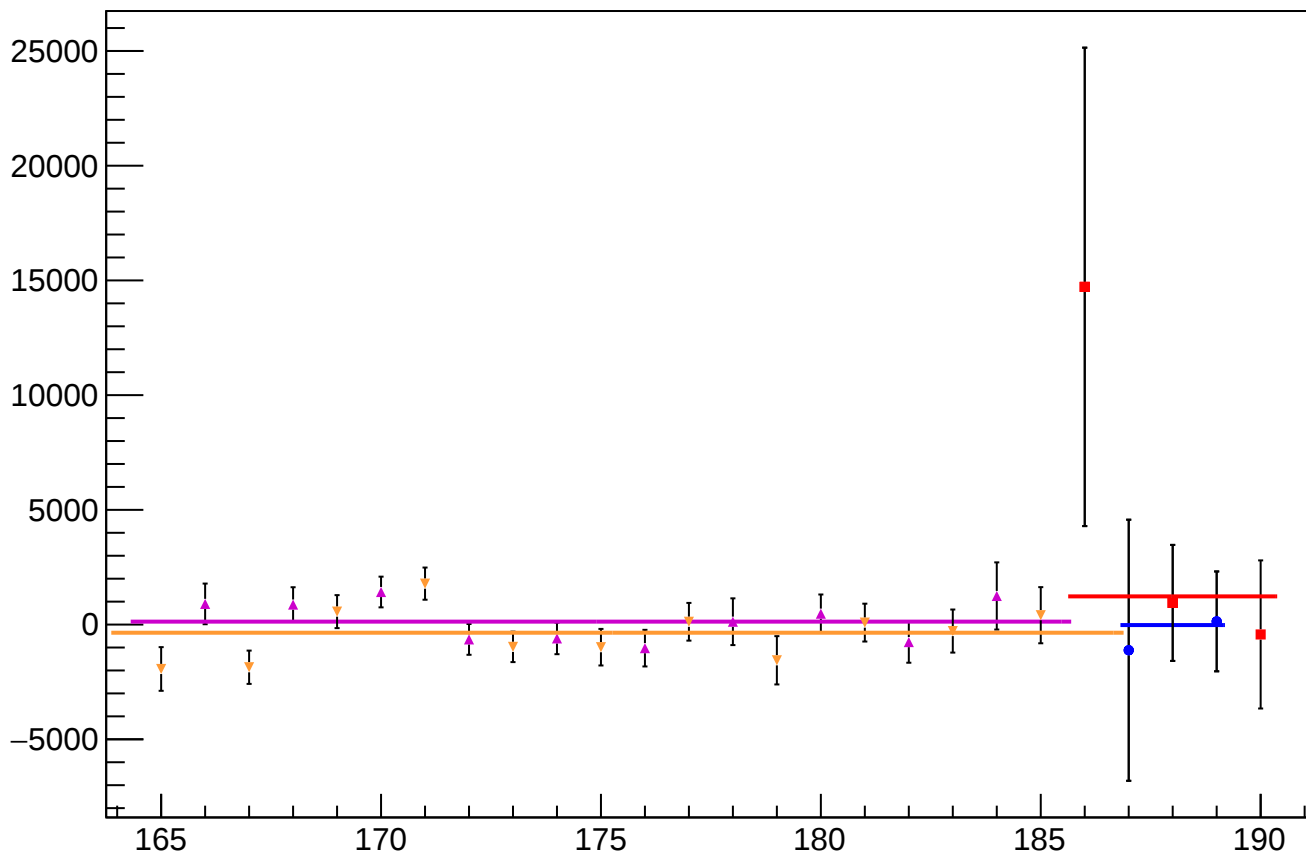
Left In: 126.110 $\pm$ 0.035 χ^2/NDF :950691.2/9

+ sign 124.269 $\pm$ 0.031 χ^2/NDF : 1314774.6/14

All: 127.114 $\pm$ 0.022 χ^2/NDF : 3465846.1/29

- sign 130.319 $\pm$ 0.033 χ^2/NDF : 2132978.4/14

asym_sam_1548_avg_correction_mean vs Slug



Right In: -21.250 ± 1437.099 $\chi^2/\text{NDF}: 0.1/3$

Left Out: -355.089 ± 246.403 $\chi^2/\text{NDF}: 21.8/10$

Right Out: 1228.806 ± 1529.789 $\chi^2/\text{NDF}: 3.6/4$

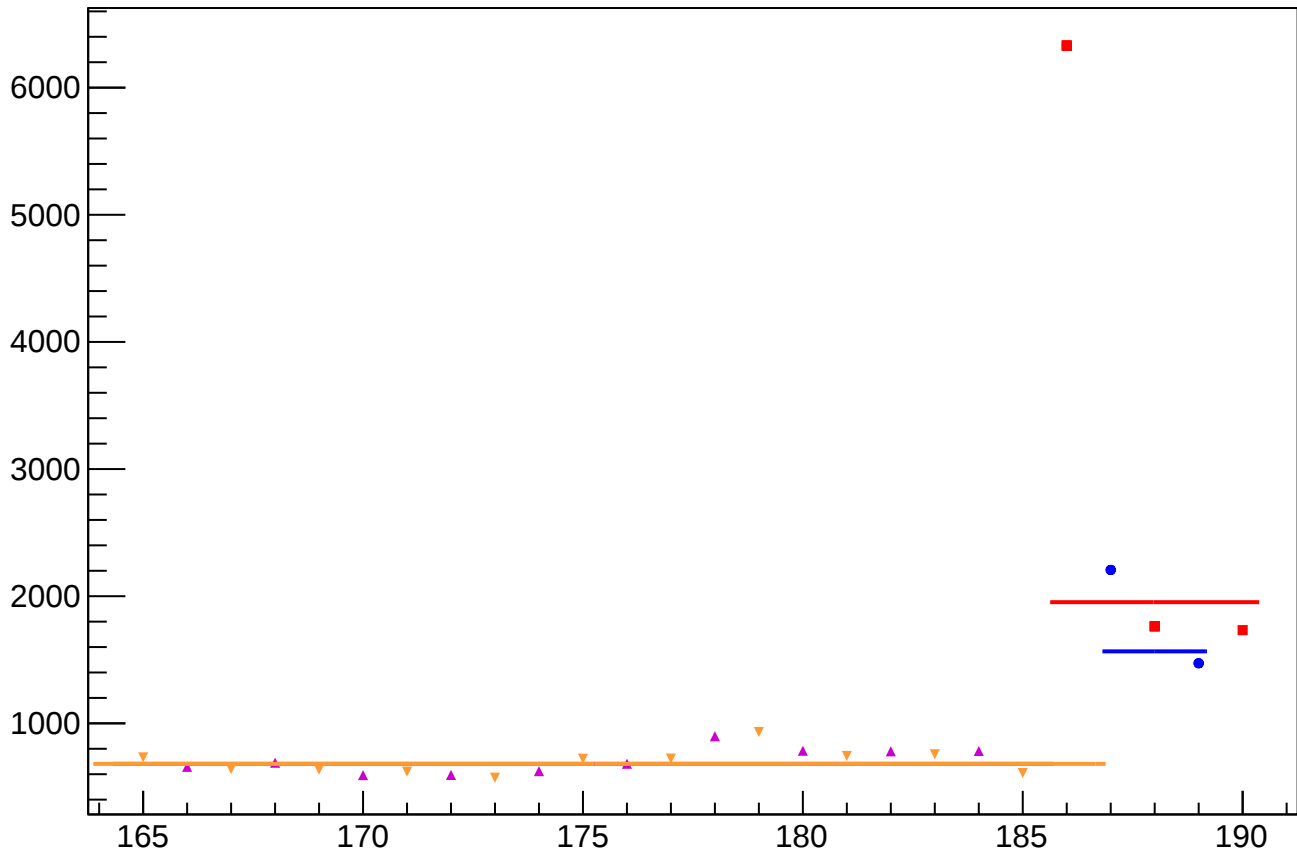
Left In: 128.384 ± 256.057 $\chi^2/\text{NDF}: 11.7/9$

+ sign -345.555 ± 242.859 $\chi^2/\text{NDF}: 22.0/14$

All: -103.439 ± 175.051 $\chi^2/\text{NDF}: 39.9/29$

- sign 158.373 ± 252.543 $\chi^2/\text{NDF}: 15.9/14$

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1566.213+/-1.016 χ^2/NDF : 58101.9/3

Left Out: 681.249+/-0.174 χ^2/NDF : 243961.1/10

Right Out: 1953.113+/-1.082 χ^2/NDF : 737026.1/4

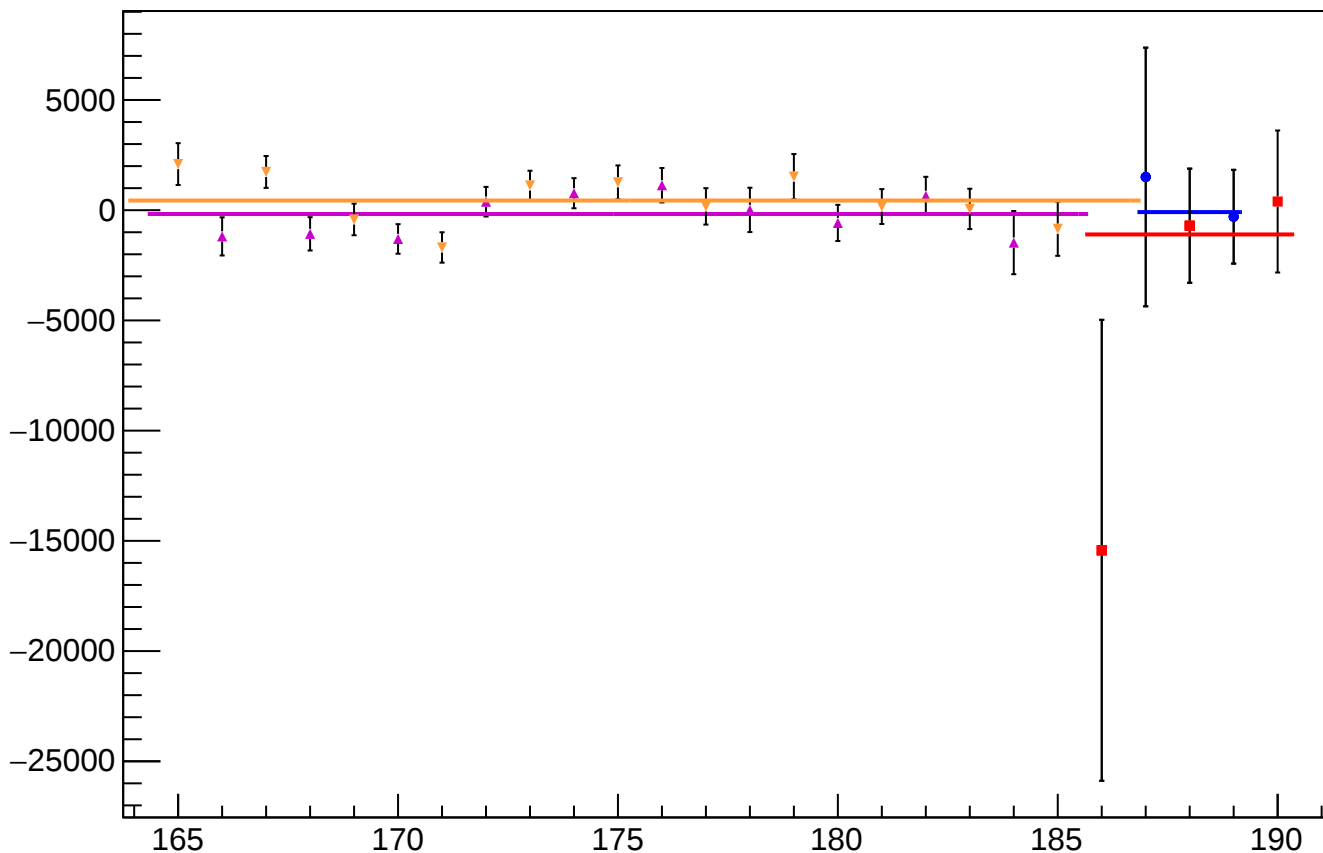
Left In: 681.512+/-0.181 χ^2/NDF : 239010.2/9

+ sign 706.522+/-0.172 χ^2/NDF : 1038820.7/14

All: 711.156+/-0.124 χ^2/NDF : 3360588.1/29

- sign 716.166+/-0.179 χ^2/NDF : 2320252.0/14

asym_sam_1548_avg_mean vs Slug



Right In: -86.056 $\pm$ 1413.881 χ^2/NDF : 0.2/3

Left Out: 439.629 $\pm$ 243.387 χ^2/NDF : 22.0/10

Right Out: -1099.504 $\pm$ 1556.017 χ^2/NDF : 4.0/4

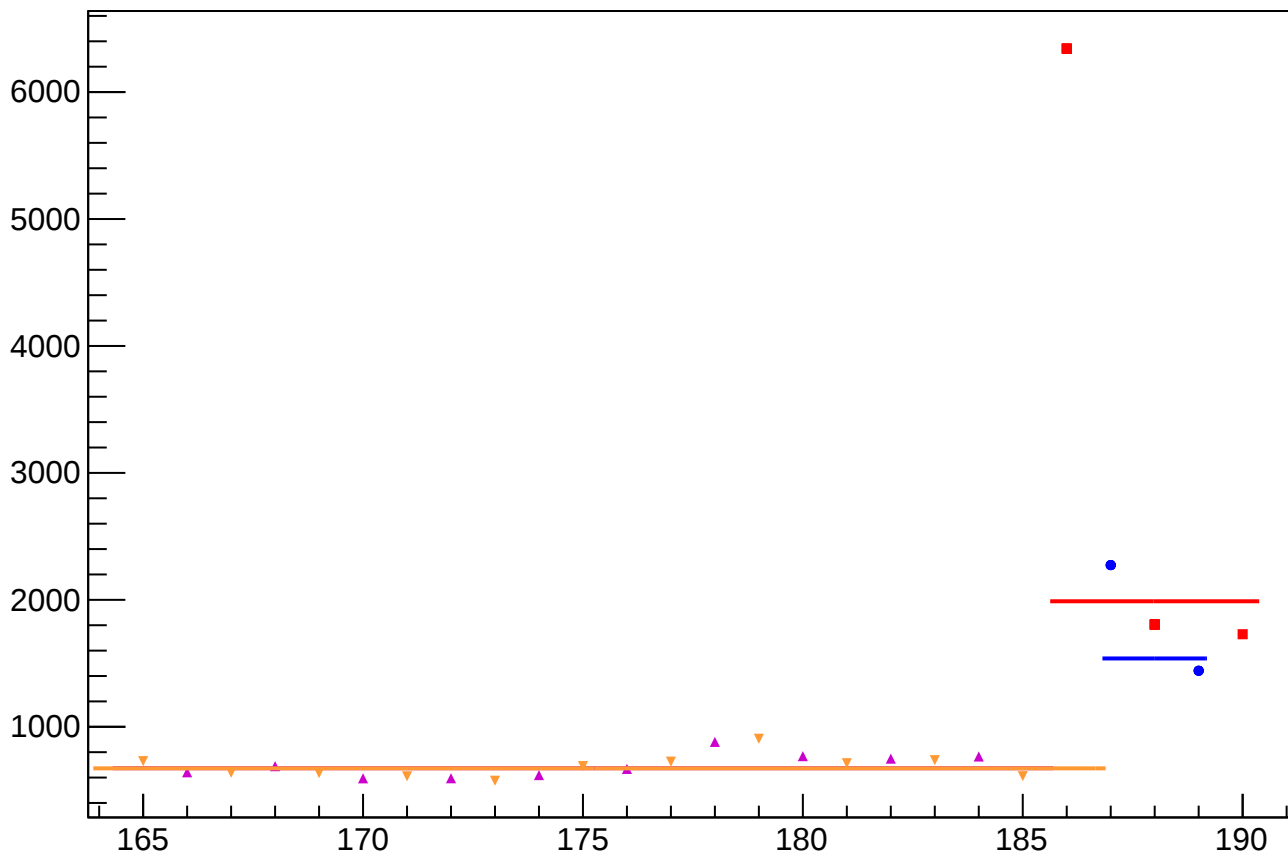
Left In: -173.342 $\pm$ 253.186 χ^2/NDF : 13.0/9

+ sign 424.500 $\pm$ 239.859 χ^2/NDF : 22.3/14

All: 126.376 $\pm$ 173.046 χ^2/NDF : 42.9/29

- sign -197.230 $\pm$ 249.899 χ^2/NDF : 17.4/14

asym_sam_1548_avg_rms vs Slug



Right In: 1538.277+/-1.000 χ^2/NDF : 71085.3/3

Left Out: 672.714+/-0.172 χ^2/NDF : 209011.0/10

Right Out: 1988.766+/-1.100 χ^2/NDF : 726546.9/4

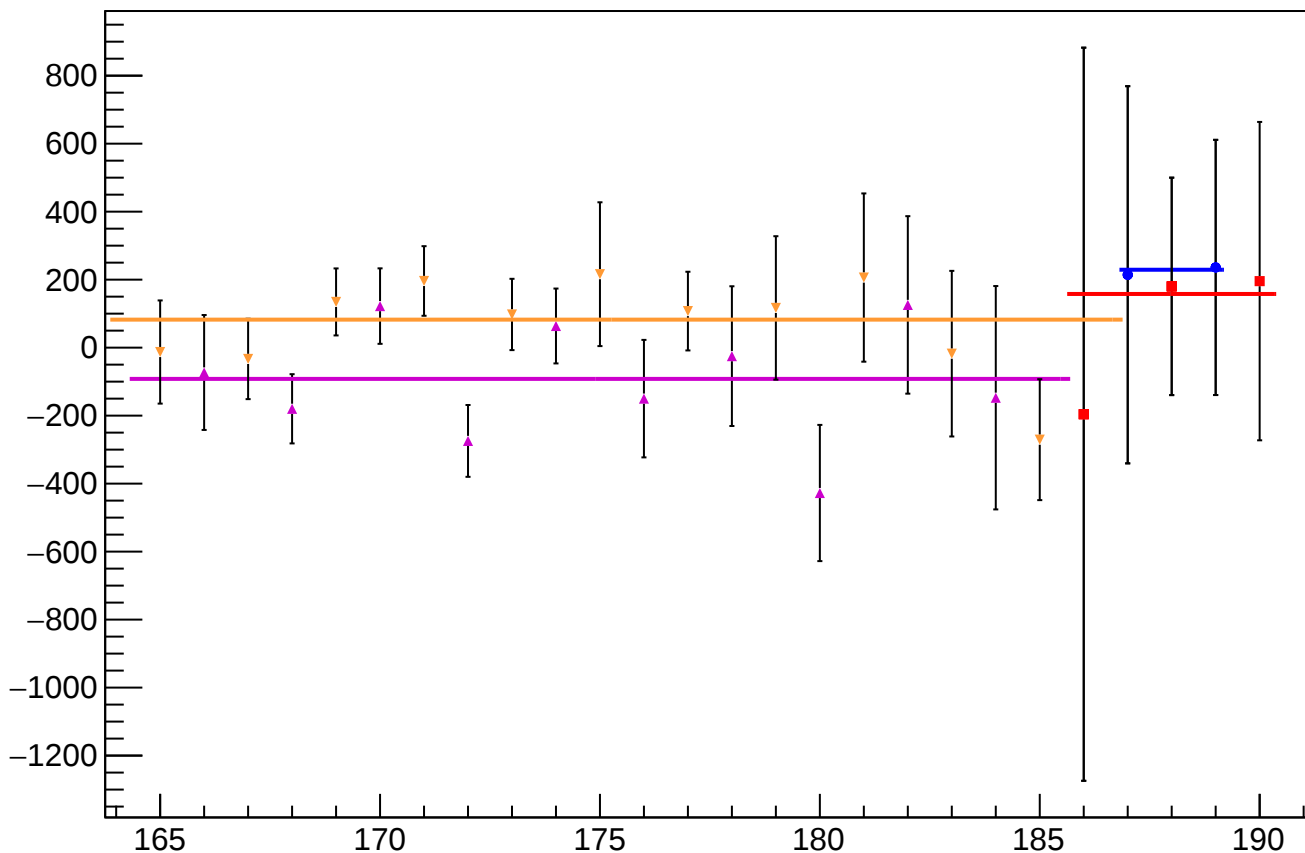
Left In: 673.685+/-0.179 χ^2/NDF : 207583.3/9

+ sign 697.625+/-0.170 χ^2/NDF : 1008076.9/14

All: 702.410+/-0.122 χ^2/NDF : 3335606.1/29

- sign 707.604+/-0.177 χ^2/NDF : 2325869.0/14

dit_asym_sam_3748_avg_mean vs Slug



Right In: 229.128 $\pm$ 219.809 χ^2 /NDF: 0.0/3

Left Out: 82.387 $\pm$ 41.219 χ^2 /NDF: 7.7/10

Right Out: 157.876 $\pm$ 196.737 χ^2 /NDF: 0.2/4

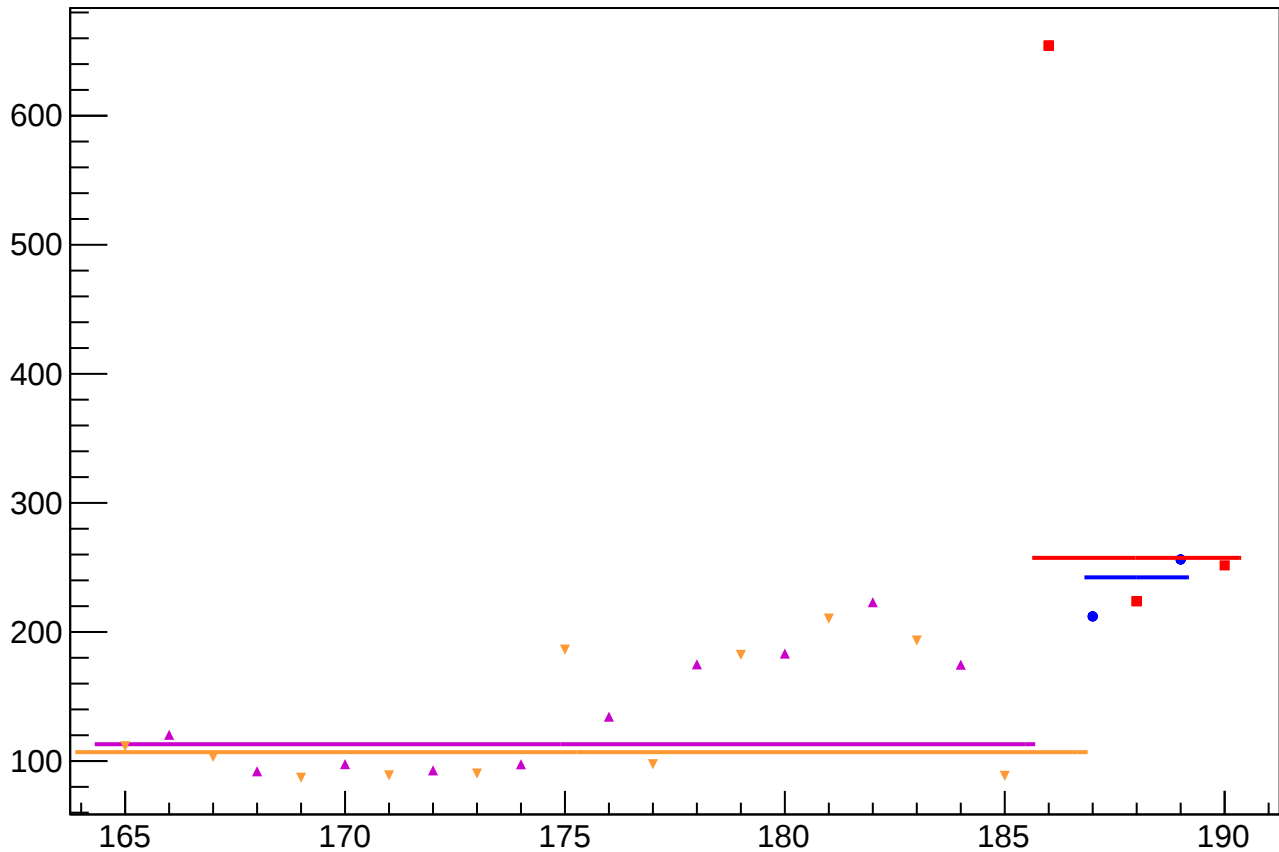
Left In: -91.942 $\pm$ 45.144 χ^2 /NDF: 13.2/9

+ sign 87.371 $\pm$ 40.513 χ^2 /NDF: 8.2/14

All: 10.835 $\pm$ 29.804 χ^2 /NDF: 30.9/29

- sign -79.446 $\pm$ 44.000 χ^2 /NDF: 15.0/14

dit_asym_sam_3748_avg_rms vs Slug



Right In: 242.323+/-0.155 χ^2/NDF : 17335.1/3

Left Out: 106.903+/-0.029 χ^2/NDF : 1369857.9/10

Right Out: 257.437+/-0.139 χ^2/NDF : 586177.1/4

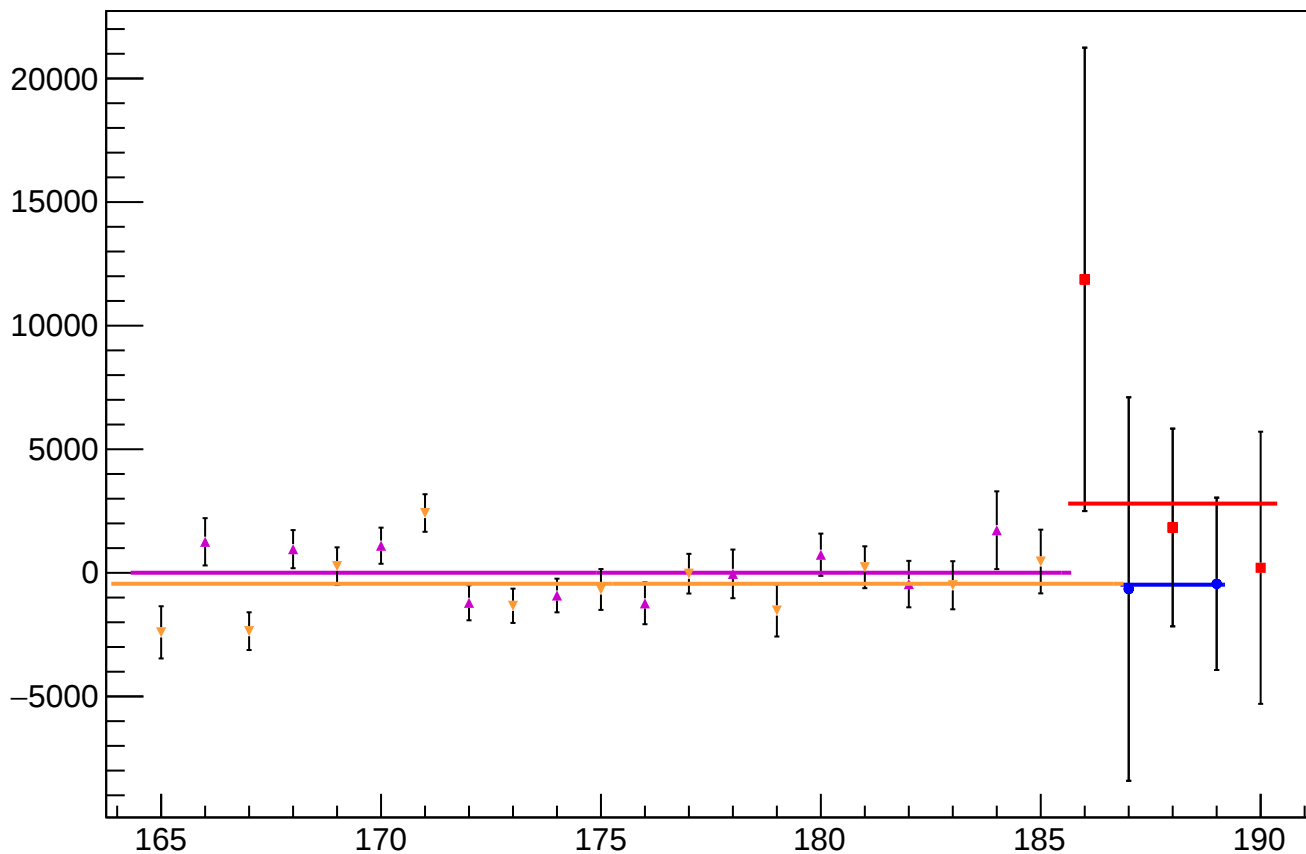
Left In: 113.049+/-0.032 χ^2/NDF : 1124233.3/9

+ sign 111.504+/-0.029 χ^2/NDF : 2120511.9/14

All: 115.526+/-0.021 χ^2/NDF : 4897269.8/29

- sign 120.271+/-0.031 χ^2/NDF : 2733778.2/14

asym_sam_3748_avg_correction_mean vs Slug



Right In: -479.685 ± 2248.690 χ^2/NDF : 0.0/3

Left Out: -442.443 ± 257.209 χ^2/NDF : 29.0/10

Right Out: 2801.522 ± 2351.866 χ^2/NDF : 2.2/4

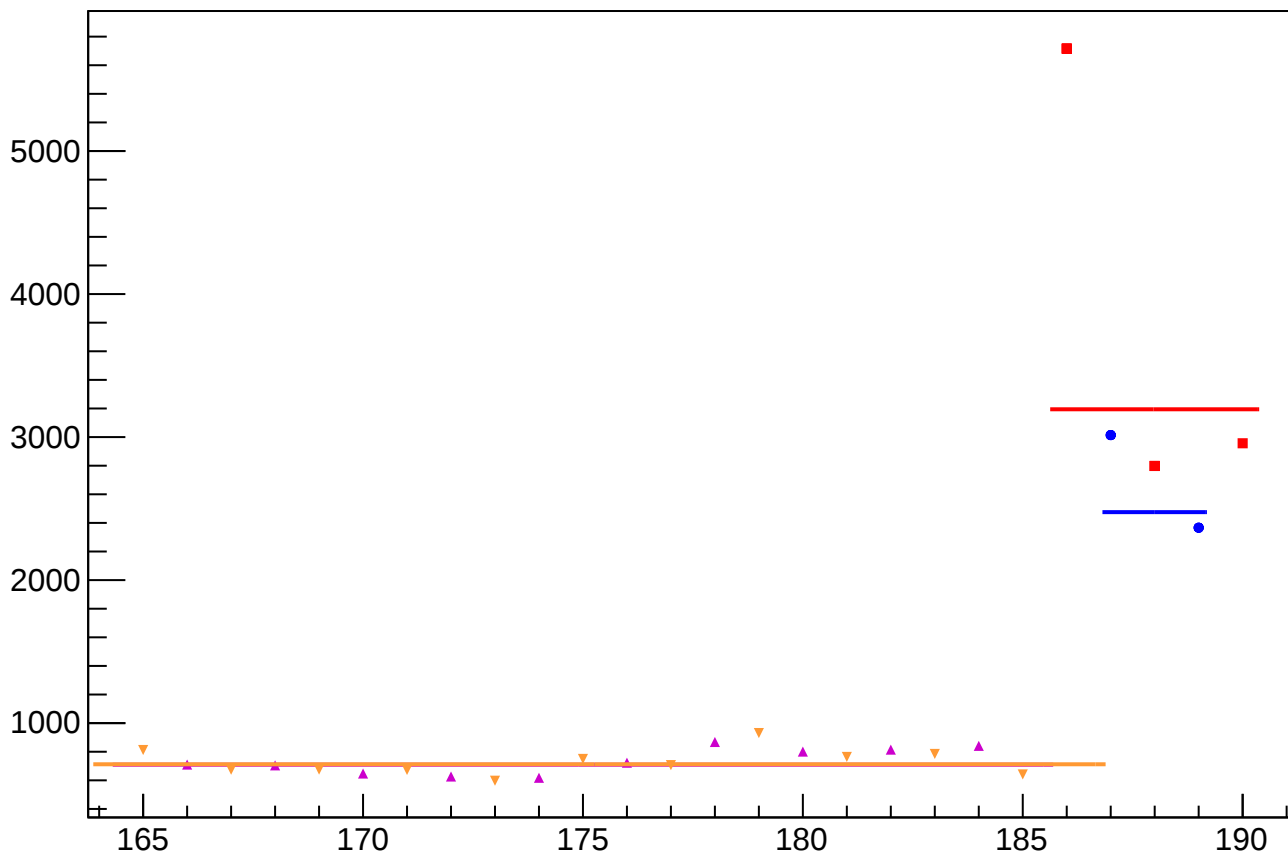
Left In: 4.538 ± 265.991 χ^2/NDF : 14.6/9

+ sign -442.924 ± 255.542 χ^2/NDF : 29.0/14

All: -209.667 ± 183.716 χ^2/NDF : 48.9/29

- sign 39.863 ± 264.306 χ^2/NDF : 18.2/14

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2475.266 $\pm$ 1.590 χ^2/NDF : 23173.4/3

Left Out: 712.331 $\pm$ 0.182 χ^2/NDF : 203118.7/10

Right Out: 3194.400 $\pm$ 1.663 χ^2/NDF : 332466.8/4

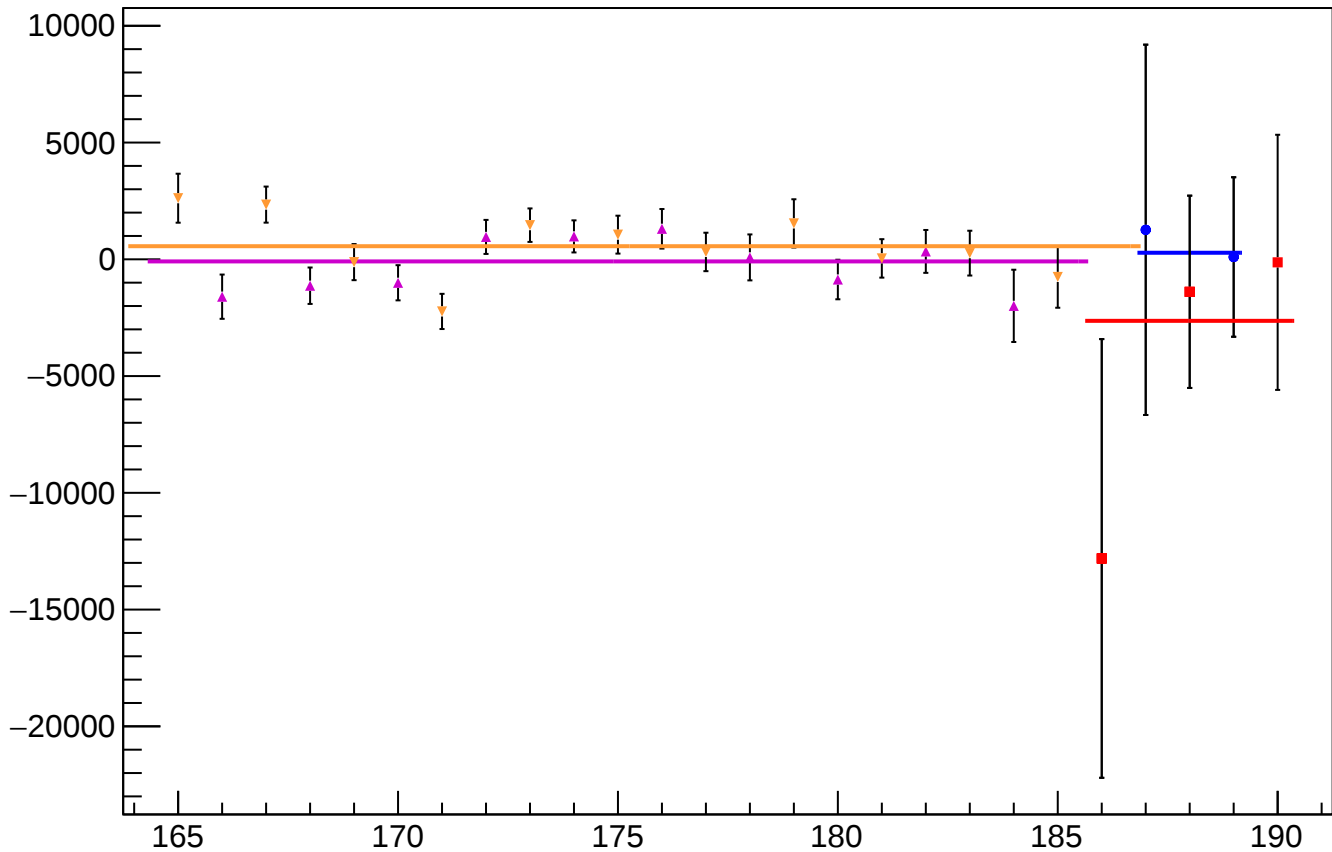
Left In: 709.236 $\pm$ 0.188 χ^2/NDF : 192461.1/9

+ sign 735.098 $\pm$ 0.181 χ^2/NDF : 1439675.3/14

All: 737.767 $\pm$ 0.130 χ^2/NDF : 4169985.7/29

- sign 740.622 $\pm$ 0.187 χ^2/NDF : 2729858.8/14

asym_sam_3748_avg_mean vs Slug



Right In: 281.028 ± 2217.983 χ^2/NDF : 0.0/3

Left Out: 561.339 ± 257.909 χ^2/NDF : 28.1/10

Right Out: -2634.664 ± 2396.242 χ^2/NDF : 2.7/4

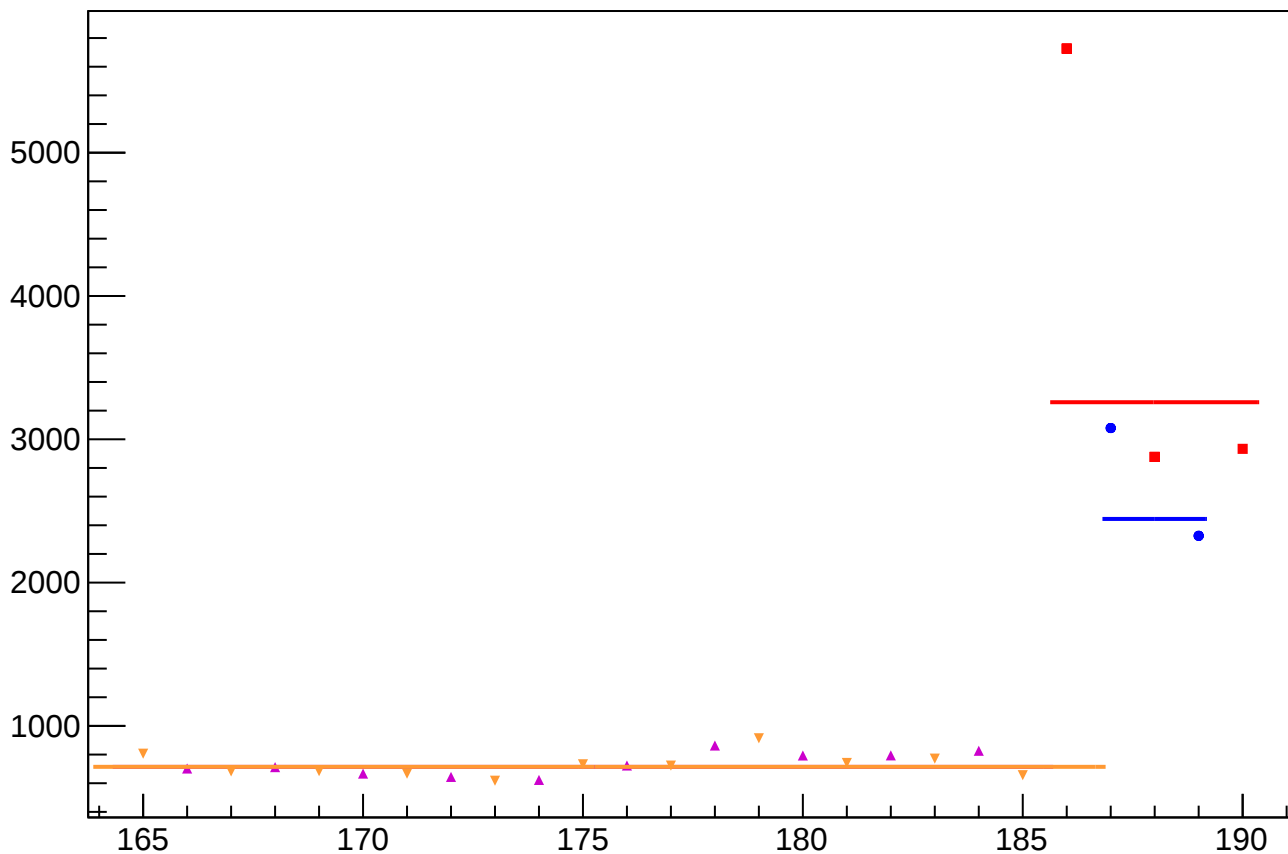
Left In: -89.974 ± 267.759 χ^2/NDF : 15.6/9

+ sign 557.599 ± 256.183 χ^2/NDF : 28.2/14

All: 231.013 ± 184.556 χ^2/NDF : 51.0/29

- sign -121.356 ± 266.103 χ^2/NDF : 19.5/14

asym_sam_3748_avg_rms vs Slug



Right In: 2444.230+/-1.568 χ^2/NDF : 30339.4/3

Left Out: 714.400+/-0.182 χ^2/NDF : 155171.6/10

Right Out: 3258.730+/-1.694 χ^2/NDF : 317445.6/4

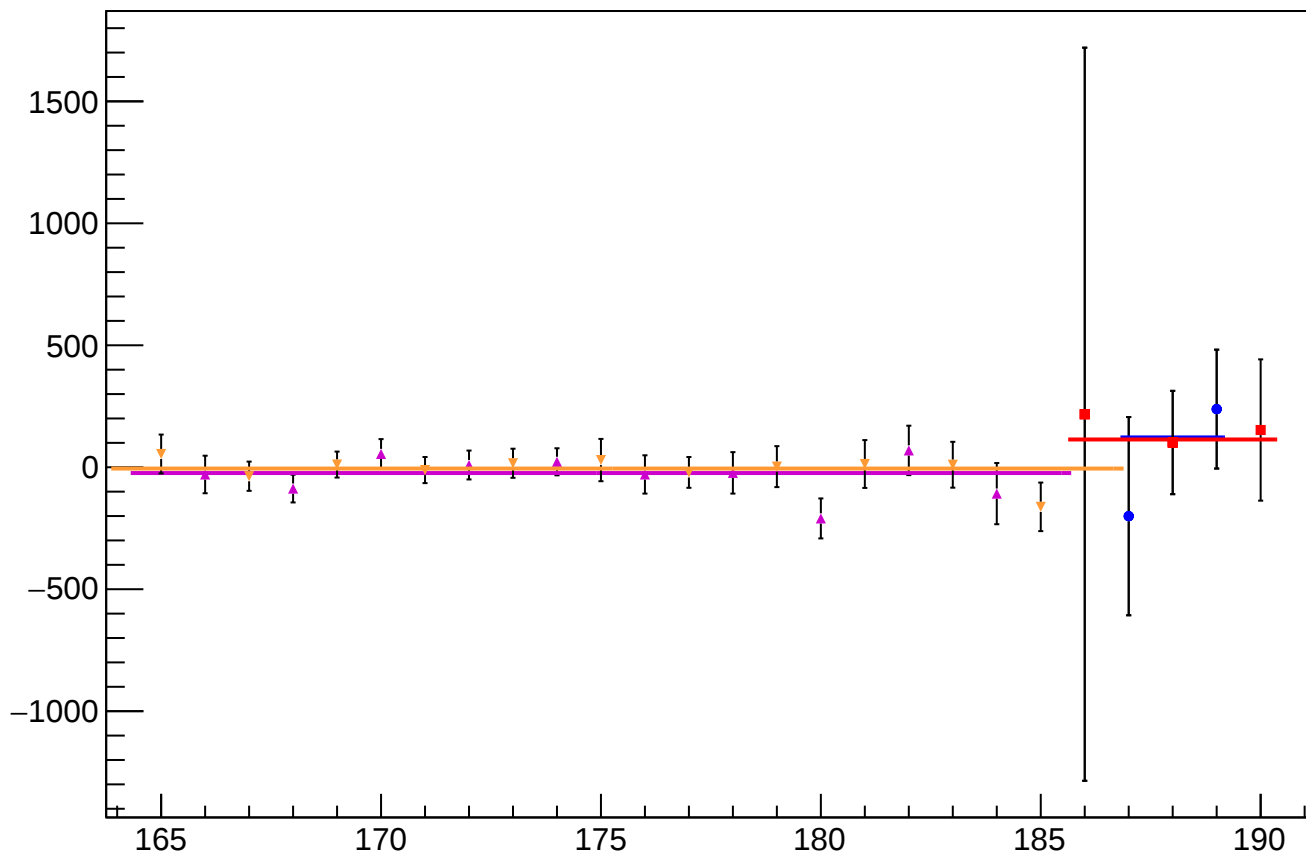
Left In: 713.945+/-0.189 χ^2/NDF : 151170.2/9

+ sign 737.477+/-0.181 χ^2/NDF : 1385805.5/14

All: 741.254+/-0.131 χ^2/NDF : 4083153.0/29

- sign 745.328+/-0.188 χ^2/NDF : 2696444.0/14

dit_asym_sam_1526_avg_mean vs Slug



Right In: 122.261 $\pm$ 147.760 χ^2 /NDF: 1.7/3

Left Out: -5.330 $\pm$ 21.020 χ^2 /NDF: 3.9/10

Right Out: 113.848 $\pm$ 132.004 χ^2 /NDF: 0.0/4

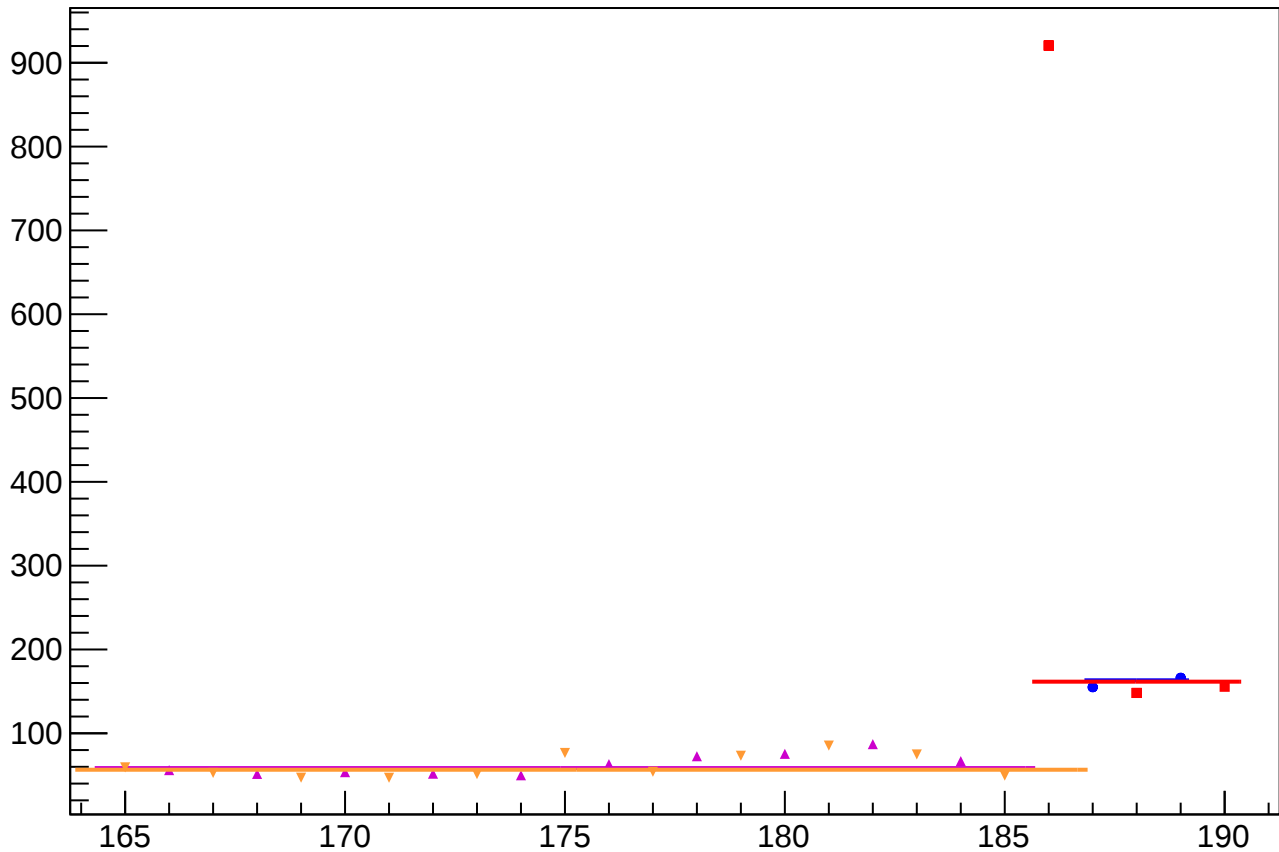
Left In: -23.739 $\pm$ 22.530 χ^2 /NDF: 10.4/9

+ sign -2.799 $\pm$ 20.811 χ^2 /NDF: 6.3/14

All: -10.768 $\pm$ 15.186 χ^2 /NDF: 18.1/29

- sign -19.845 $\pm$ 22.209 χ^2 /NDF: 11.5/14

dit_asym_sam_1526_avg_rms vs Slug



Right In: 163.235 $\pm$ 0.104 χ^2 /NDF: 2212.6/3

Left Out: 56.517 $\pm$ 0.015 χ^2 /NDF: 599892.2/10

Right Out: 161.593 $\pm$ 0.093 χ^2 /NDF: 1037332.7/4

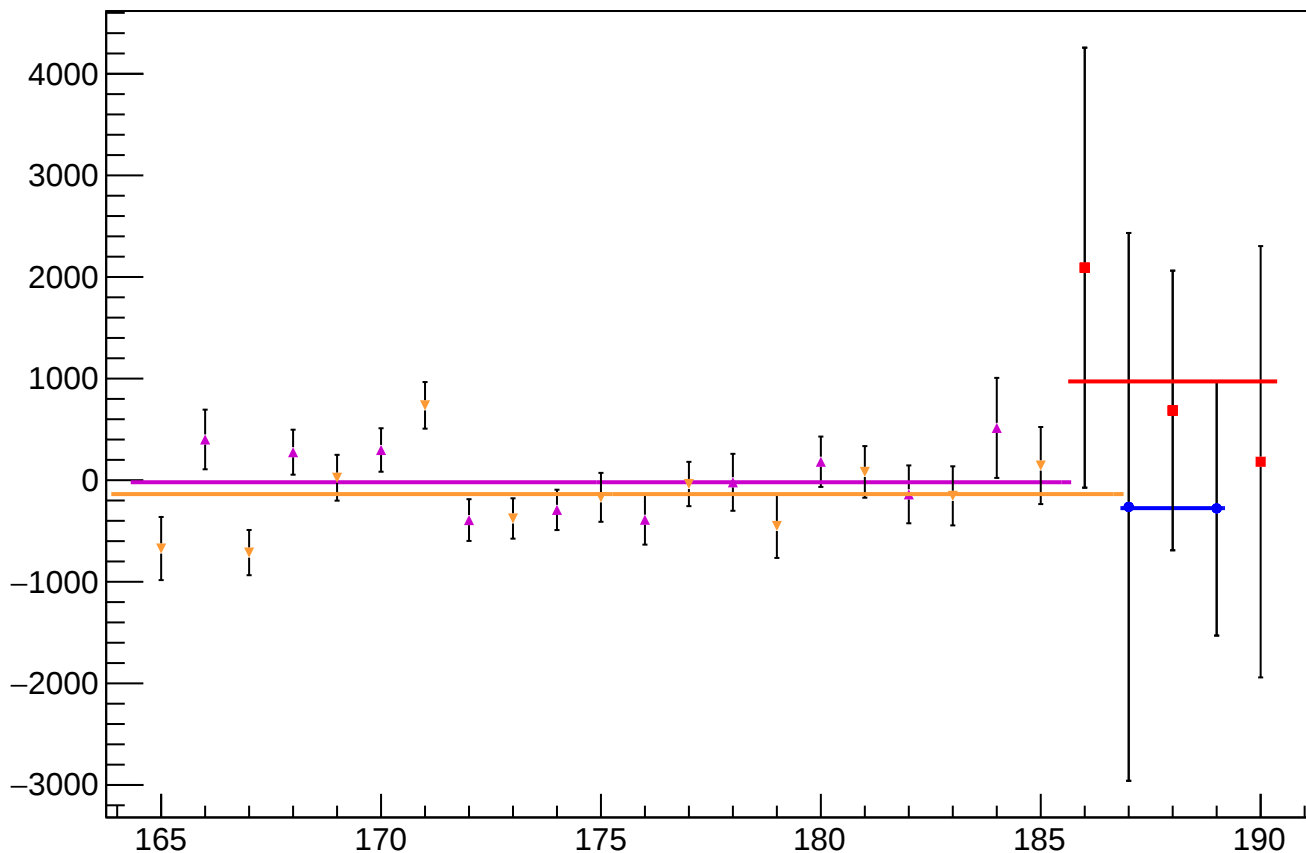
Left In: 58.504 $\pm$ 0.016 χ^2 /NDF: 434251.8/9

+ sign 58.634 $\pm$ 0.015 χ^2 /NDF: 1624663.7/14

All: 59.938 $\pm$ 0.011 χ^2 /NDF: 4298275.6/29

- sign 61.422 $\pm$ 0.016 χ^2 /NDF: 2656826.9/14

asym_sam_1526_avg_correction_mean vs Slug



Right In: -275.140 ± 802.747 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -136.860 ± 75.123 $\chi^2/\text{NDF}: 28.6/10$

Right Out: 972.100 ± 765.909 $\chi^2/\text{NDF}: 0.8/4$

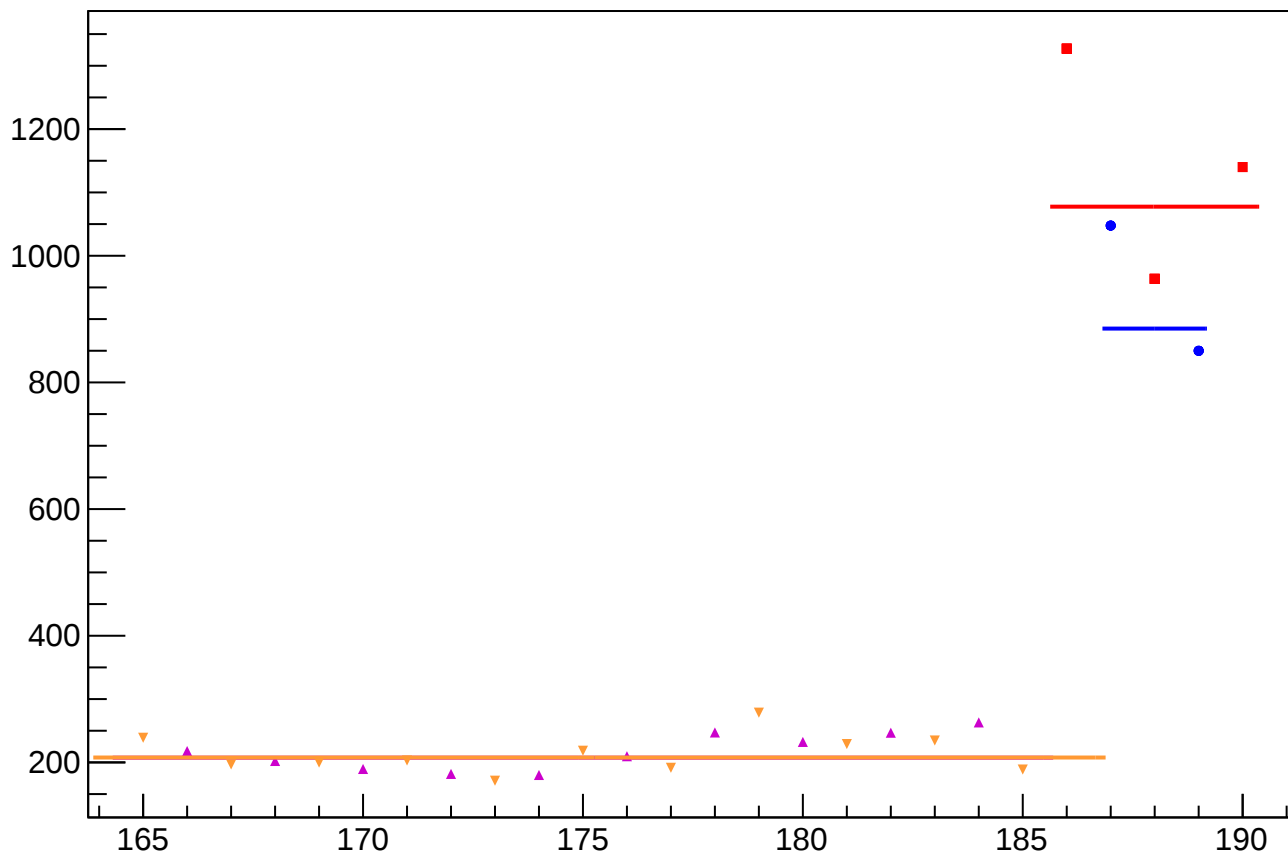
Left In: -20.190 ± 77.853 $\chi^2/\text{NDF}: 15.5/9$

+ sign -138.060 ± 74.796 $\chi^2/\text{NDF}: 28.7/14$

All: -76.285 ± 53.804 $\chi^2/\text{NDF}: 48.0/29$

- sign -10.042 ± 77.454 $\chi^2/\text{NDF}: 17.9/14$

asym_sam_1526_avg_correction_rms vs Slug



Right In: 885.009 $\pm$ 0.568 χ^2 /NDF: 17696.0/3

Left Out: 207.723 $\pm$ 0.053 χ^2 /NDF: 248770.3/10

Right Out: 1077.519 $\pm$ 0.542 χ^2 /NDF: 82244.2/4

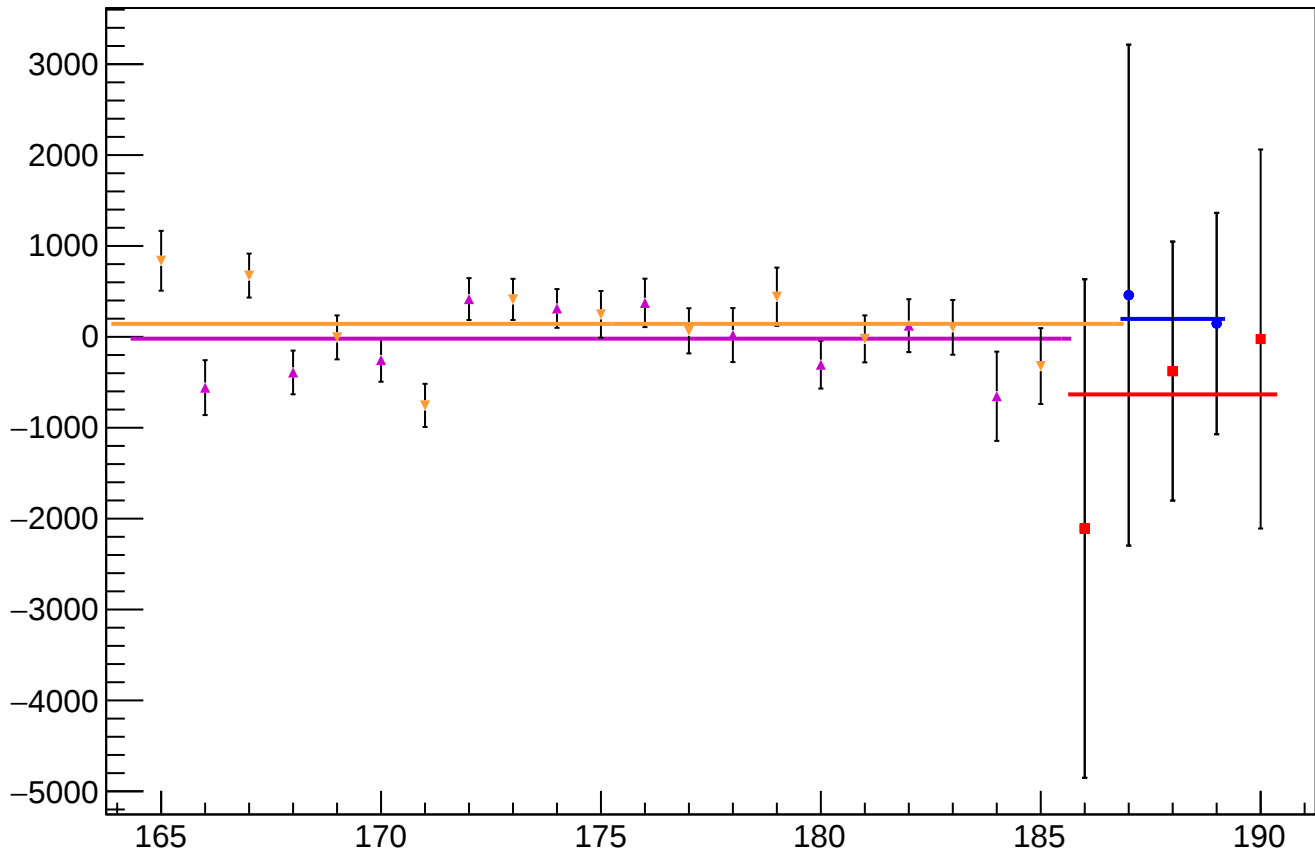
Left In: 207.436 $\pm$ 0.055 χ^2 /NDF: 211126.5/9

+ sign 213.603 $\pm$ 0.053 χ^2 /NDF: 1677801.9/14

All: 214.921 $\pm$ 0.038 χ^2 /NDF: 4527118.0/29

- sign 216.334 $\pm$ 0.055 χ^2 /NDF: 2848028.7/14

asym_sam_1526_avg_mean vs Slug



Right In: 197.403 ± 787.664 χ^2/NDF : 0.0/3

Left Out: 142.947 ± 80.720 χ^2/NDF : 28.1/10

Right Out: -633.033 ± 821.730 χ^2/NDF : 0.7/4

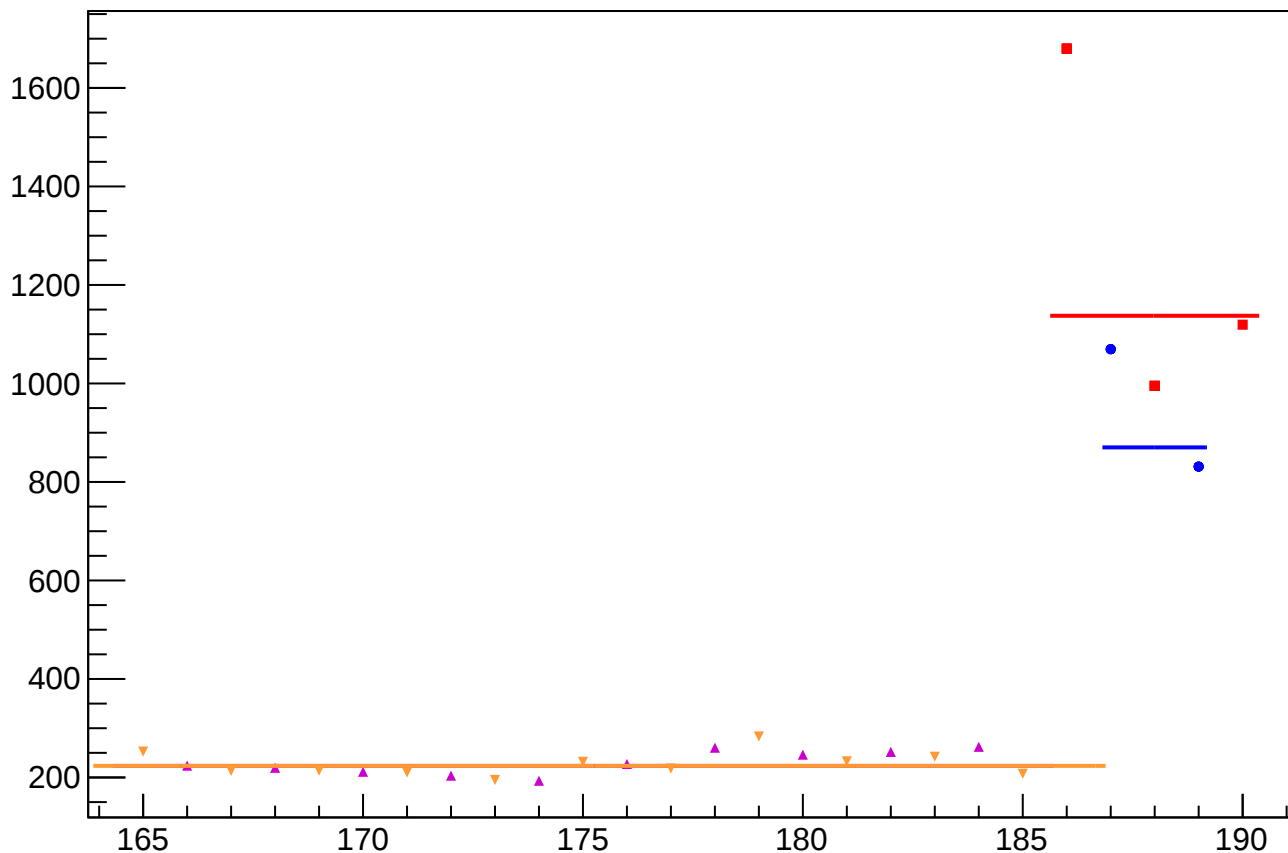
Left In: -20.083 ± 83.800 χ^2/NDF : 17.8/9

+ sign 143.513 ± 80.300 χ^2/NDF : 28.1/14

All: 61.744 ± 57.834 χ^2/NDF : 49.4/29

- sign -26.392 ± 83.367 χ^2/NDF : 19.1/14

asym_sam_1526_avg_rms vs Slug



Right In: 870.176+/-0.557 χ^2/NDF : 25020.2/3

Left Out: 223.595+/-0.057 χ^2/NDF : 145958.7/10

Right Out: 1137.436+/-0.581 χ^2/NDF : 196462.3/4

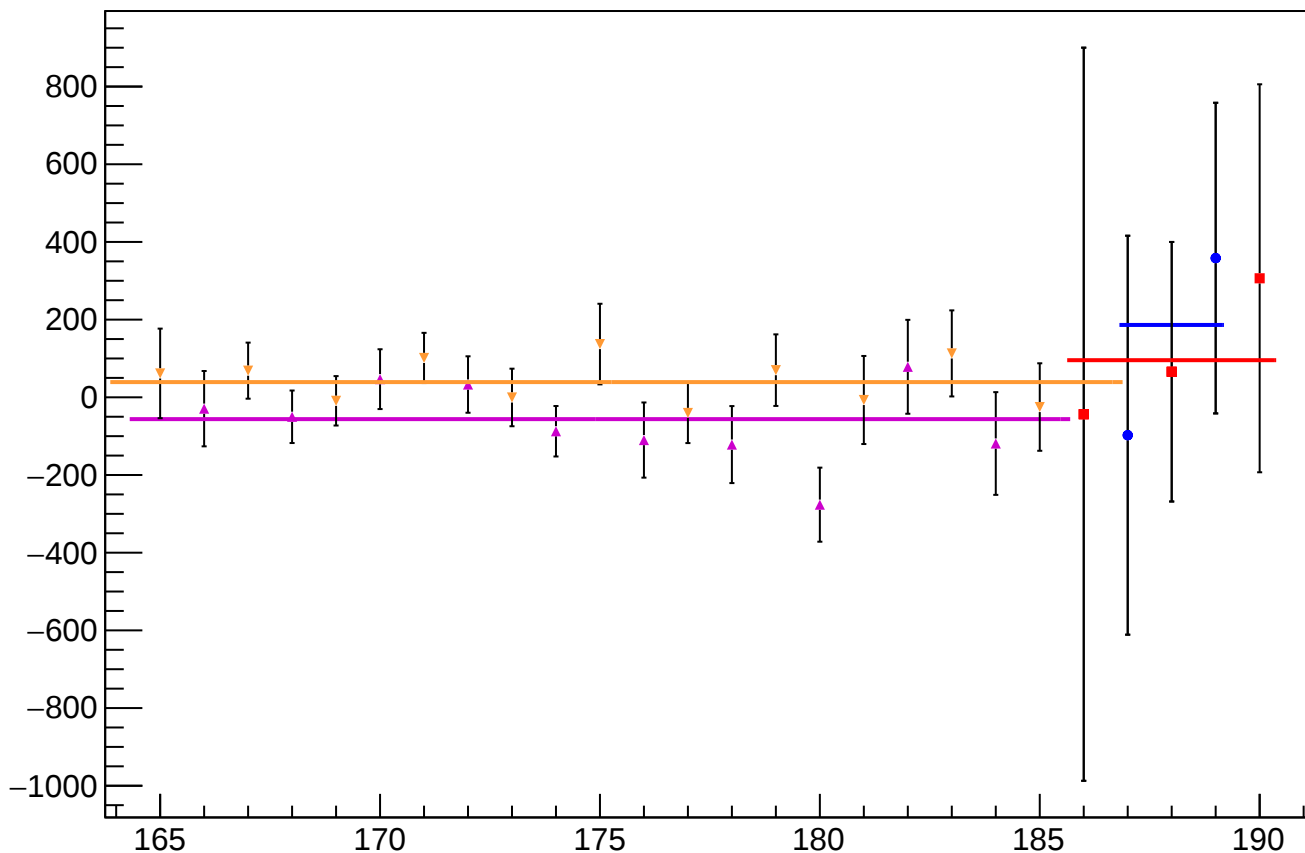
Left In: 223.469+/-0.059 χ^2/NDF : 138029.0/9

+ sign 230.315+/-0.057 χ^2/NDF : 1504672.7/14

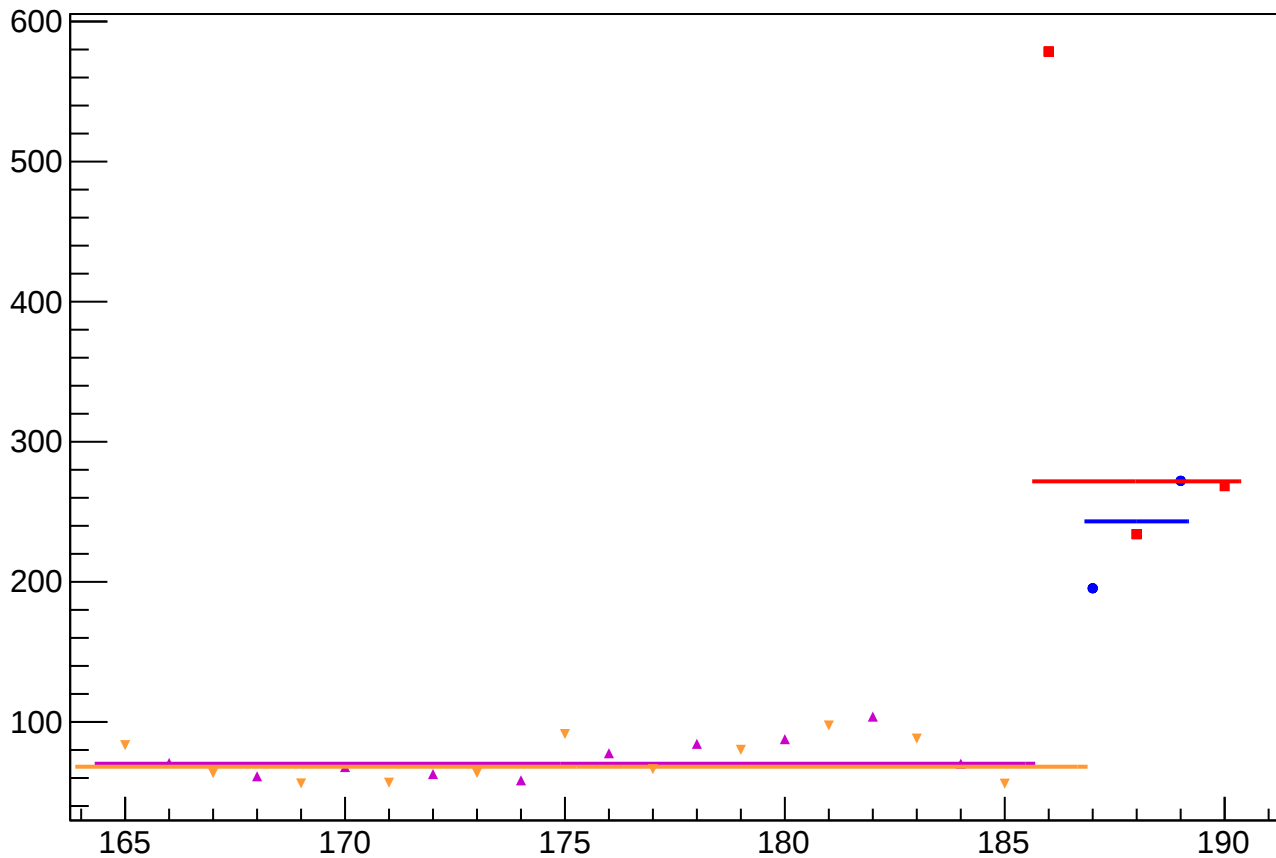
All: 231.548+/-0.041 χ^2/NDF : 4288866.6/29

- sign 232.876+/-0.059 χ^2/NDF : 2783214.8/14

dit_asym_sam_3726_avg_mean vs Slug



dit_asym_sam_3726_avg_rms vs Slug



Right In: 243.177 $\pm$ 0.158 χ^2 /NDF: 55584.7/3

Left Out: 68.055 $\pm$ 0.018 χ^2 /NDF: 543654.1/10

Right Out: 271.750 $\pm$ 0.144 χ^2 /NDF: 473629.1/4

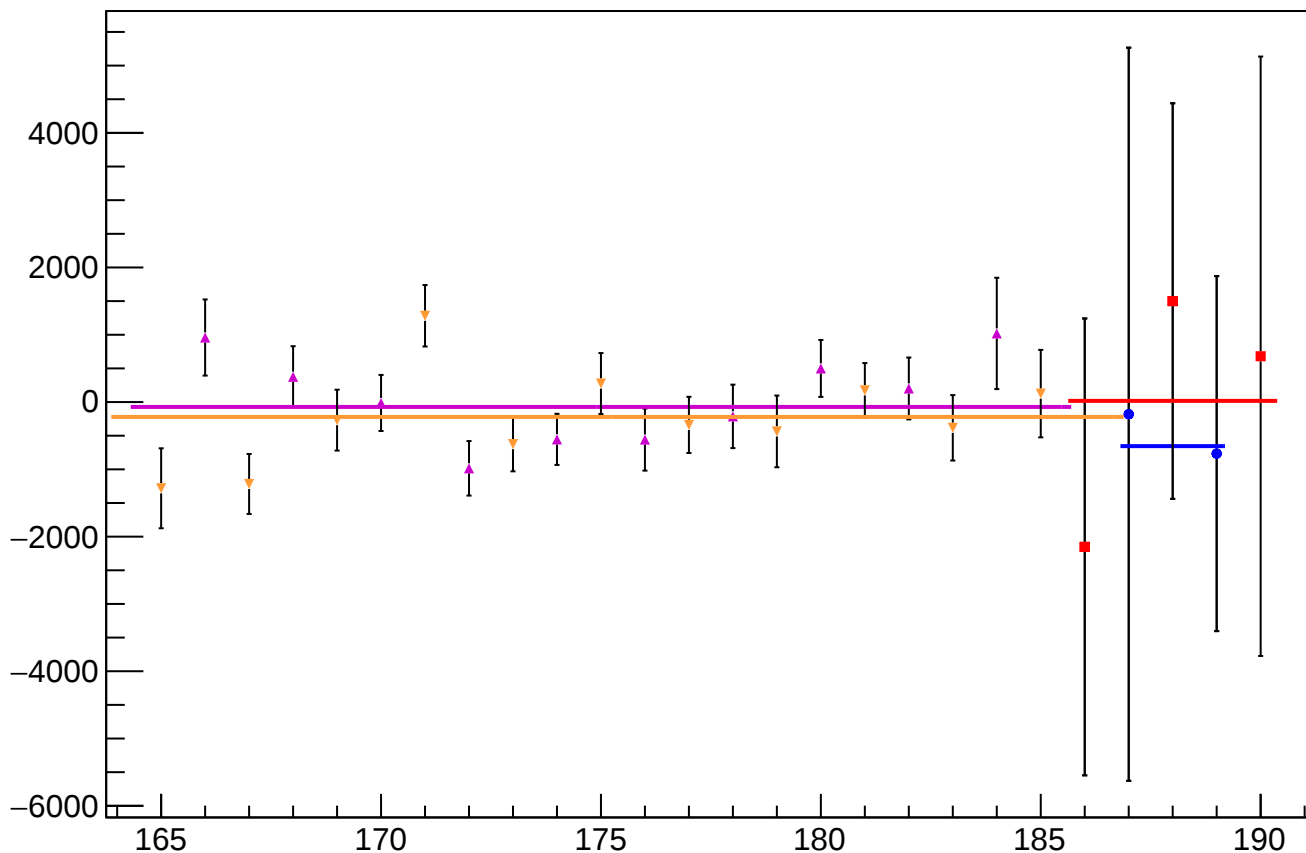
Left In: 70.173 $\pm$ 0.019 χ^2 /NDF: 399740.9/9

+ sign 70.294 $\pm$ 0.018 χ^2 /NDF: 1815799.0/14

All: 71.883 $\pm$ 0.013 χ^2 /NDF: 4636250.5/29

- sign 73.681 $\pm$ 0.019 χ^2 /NDF: 2803531.1/14

asym_sam_3726_avg_correction_mean vs Slug



Right In: -655.048+/-1678.675 χ^2/NDF : 0.0/3

Left Out: -220.798+/-140.727 χ^2/NDF : 22.8/10

Right Out: 17.732+/-1481.787 χ^2/NDF : 1.3/4

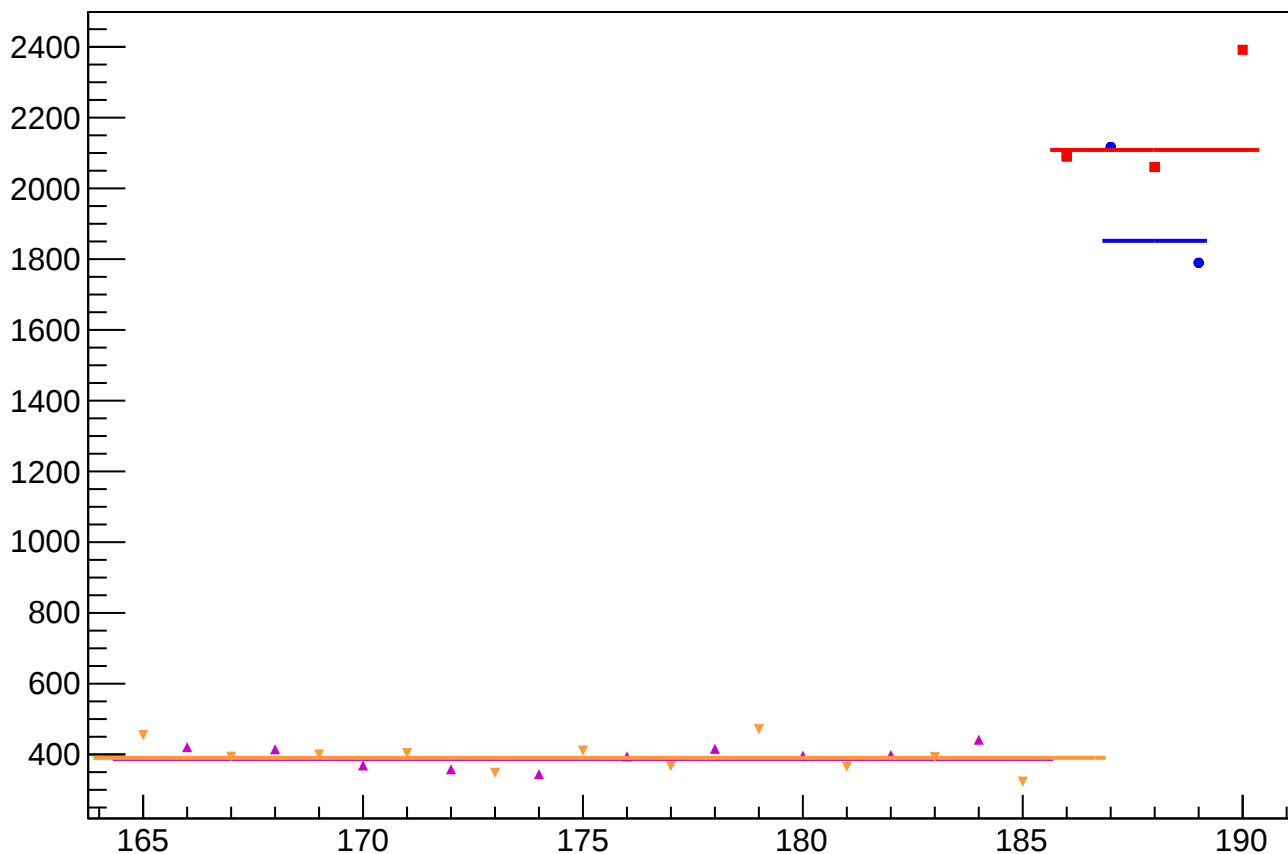
Left In: -72.248+/-144.724 χ^2/NDF : 16.1/9

+ sign -223.829+/-140.236 χ^2/NDF : 22.9/14

All: -149.652+/-100.479 χ^2/NDF : 41.0/29

- sign -71.398+/-144.039 χ^2/NDF : 17.5/14

asym_sam_3726_avg_correction_rms vs Slug



Right In: 1851.844+/-1.187 χ^2/NDF : 11700.5/3

Left Out: 390.353+/-0.100 χ^2/NDF : 133856.6/10

Right Out: 2108.648+/-1.048 χ^2/NDF : 9268.5/4

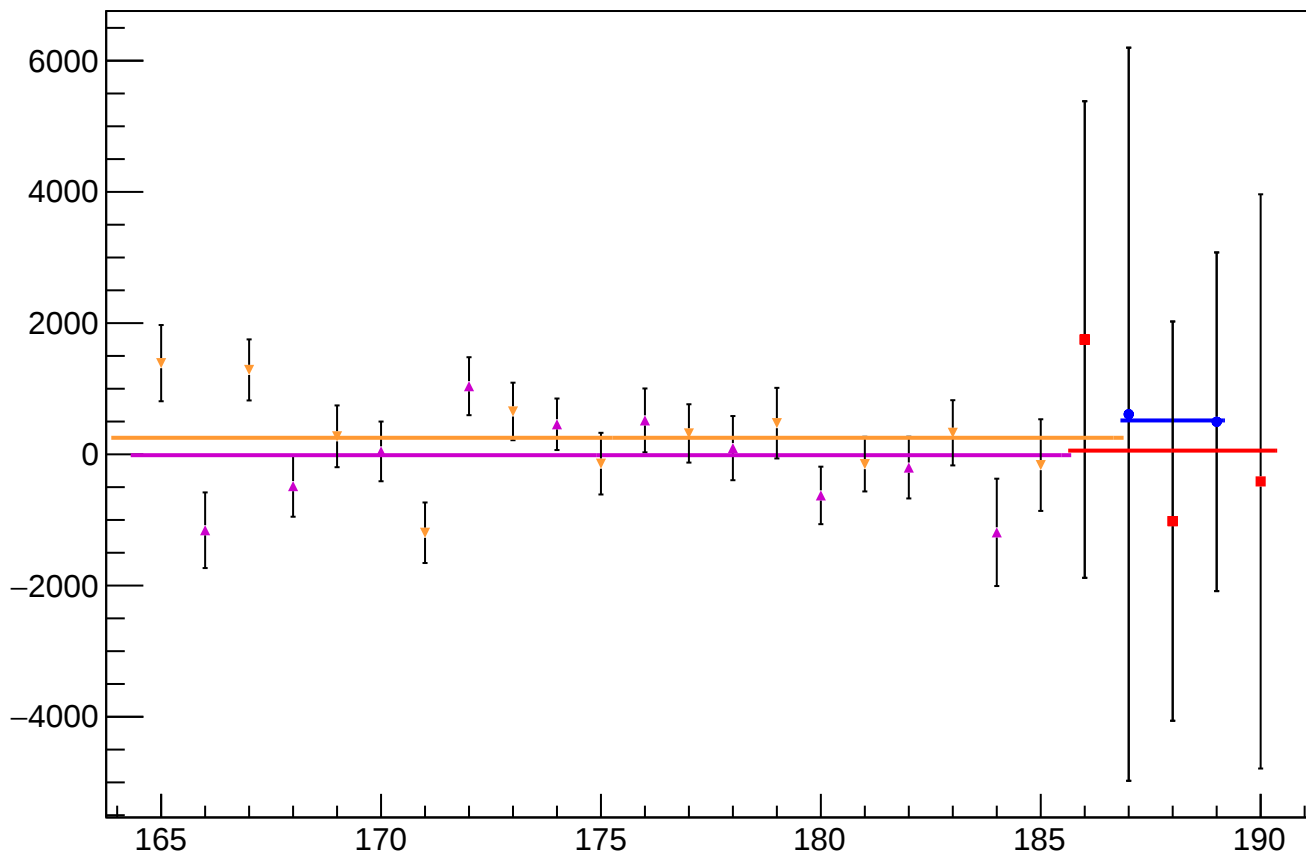
Left In: 387.363+/-0.102 χ^2/NDF : 72770.7/9

+ sign 400.552+/-0.099 χ^2/NDF : 1650943.0/14

All: 402.049+/-0.071 χ^2/NDF : 4406708.7/29

- sign 403.627+/-0.102 χ^2/NDF : 2755297.7/14

asym_sam_3726_avg_mean vs Slug



Right In: 516.559+/-1656.810 χ^2/NDF : 0.0/3

Left Out: 252.379+/-146.022 χ^2/NDF : 21.7/10

Right Out: 56.878+/-1543.320 χ^2/NDF : 0.7/4

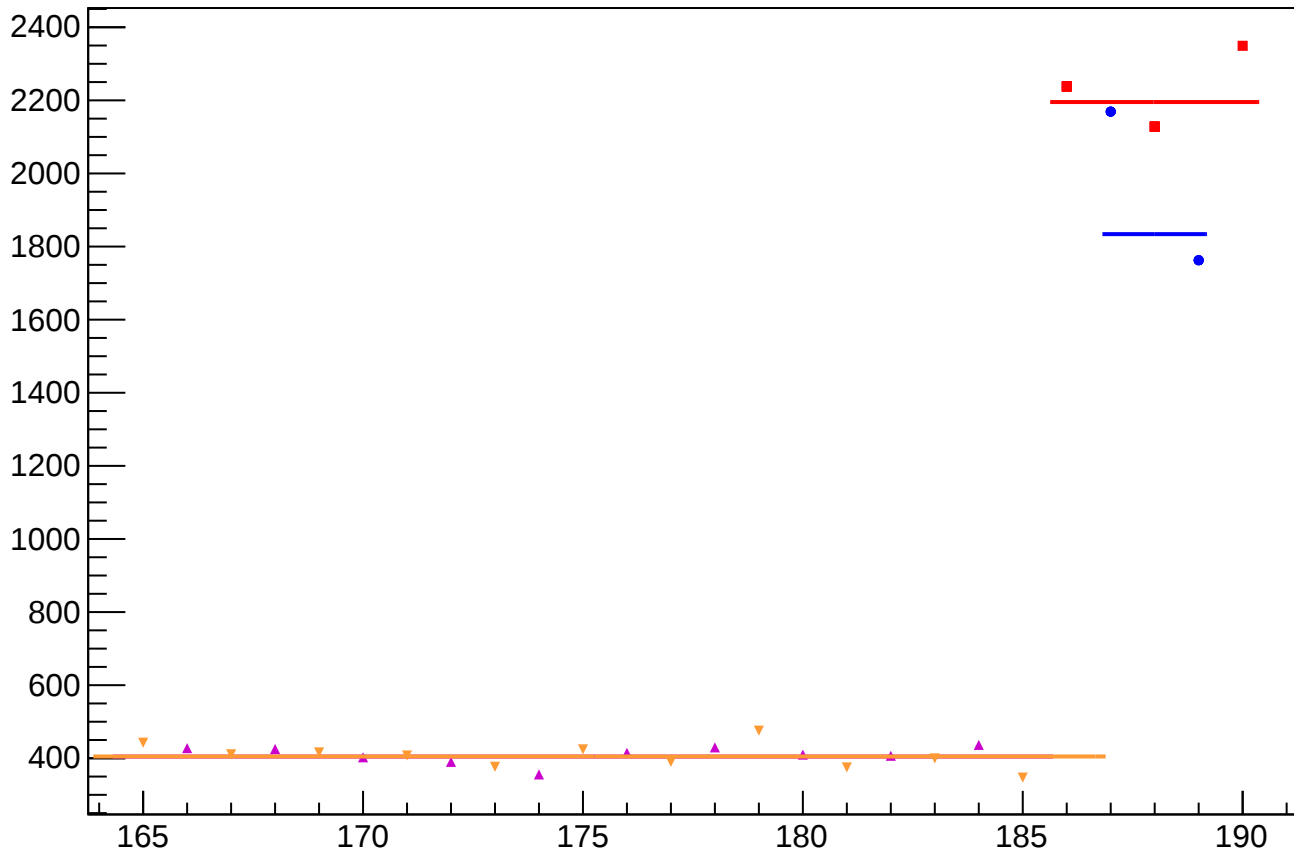
Left In: -12.844+/-151.328 χ^2/NDF : 17.5/9

+ sign 254.416+/-145.458 χ^2/NDF : 21.7/14

All: 125.751+/-104.627 χ^2/NDF : 41.5/29

- sign -12.180+/-150.606 χ^2/NDF : 18.2/14

asym_sam_3726_avg_rms vs Slug



Right In: 1834.018 ± 1.172 $\chi^2/\text{NDF}: 17469.8/3$

Left Out: 404.938 ± 0.103 $\chi^2/\text{NDF}: 82522.0/10$

Right Out: 2195.386 ± 1.091 $\chi^2/\text{NDF}: 4974.7/4$

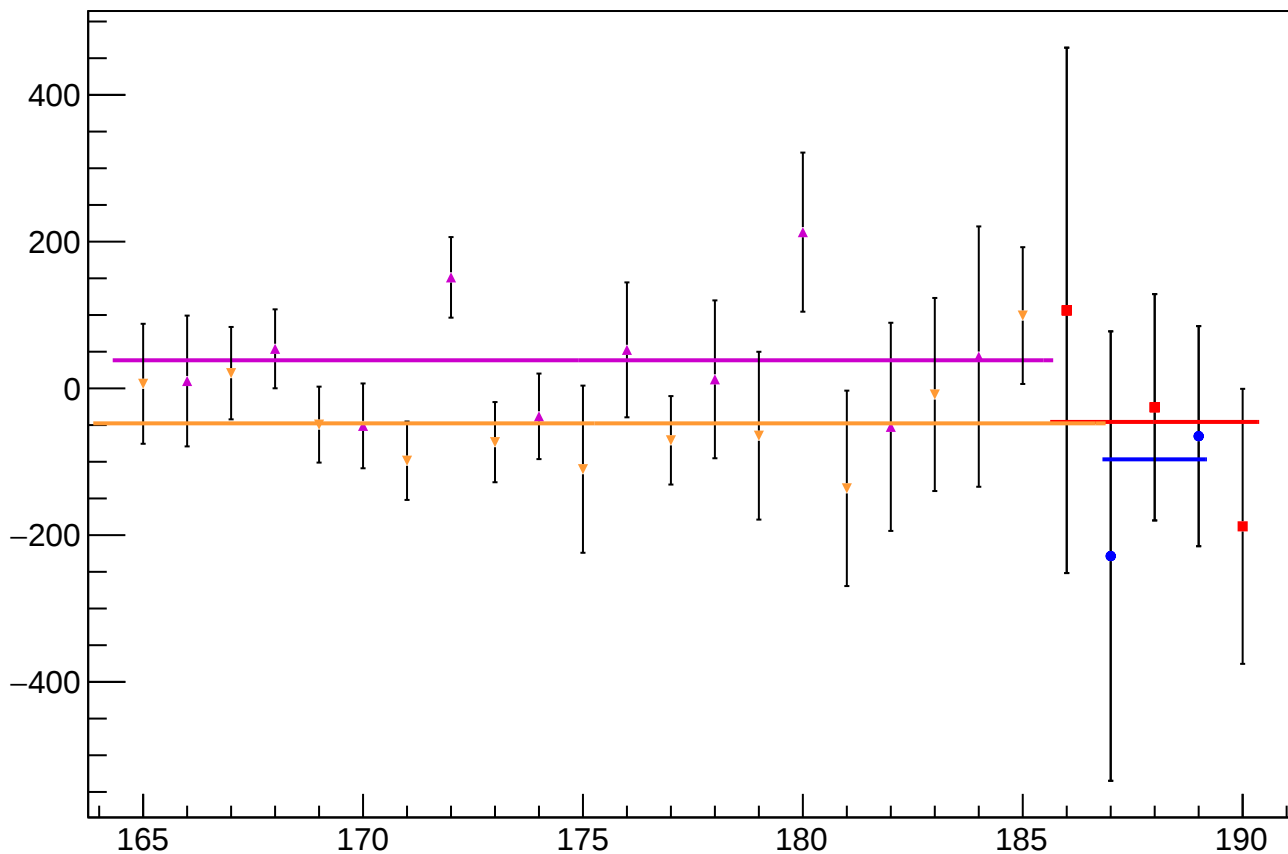
Left In: 404.695 ± 0.107 $\chi^2/\text{NDF}: 49863.7/9$

+ sign 415.953 ± 0.103 $\chi^2/\text{NDF}: 1576505.1/14$

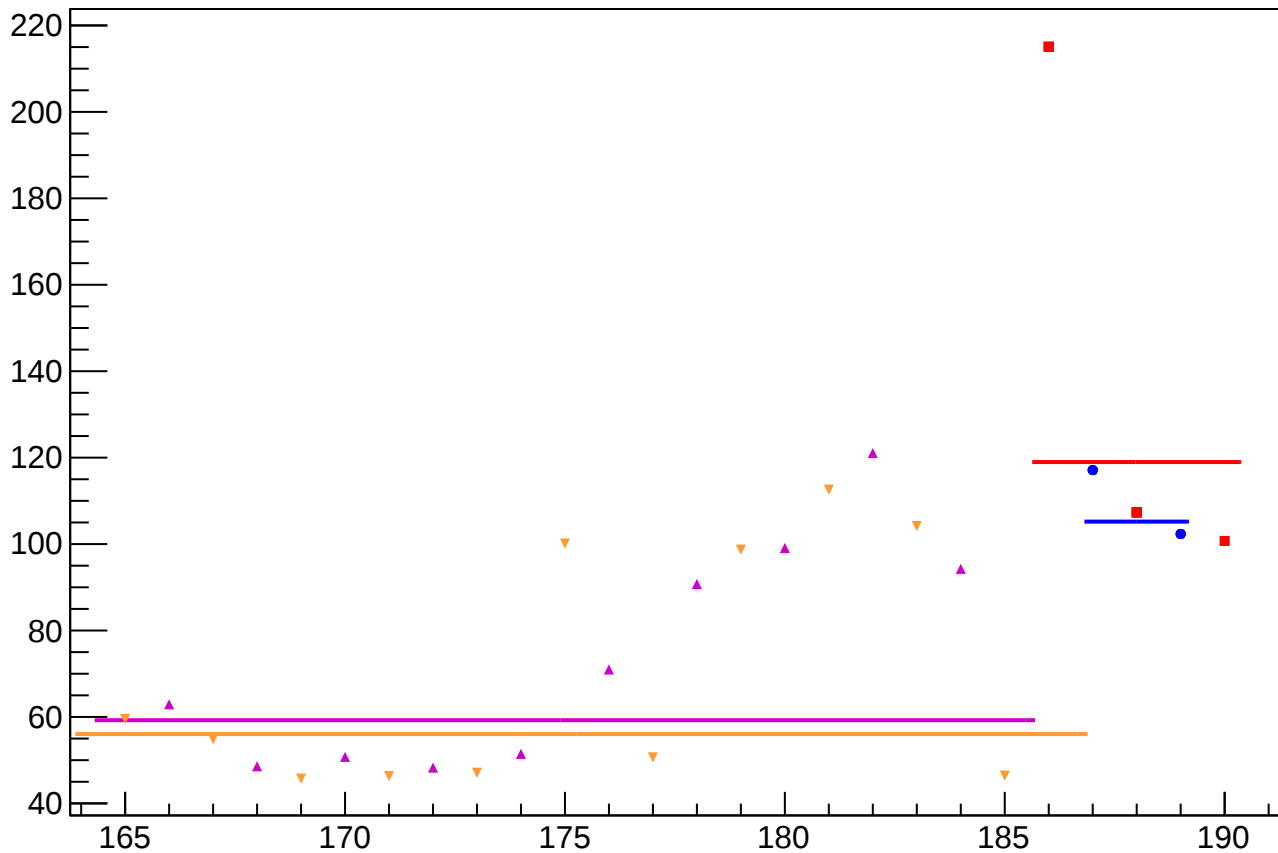
All: 418.750 ± 0.074 $\chi^2/\text{NDF}: 4299757.1/29$

- sign 421.748 ± 0.106 $\chi^2/\text{NDF}: 2721720.1/14$

dit_asym_sam_15_48_dd_mean vs Slug



dit_asym_sam_15_48_dd_rms vs Slug



Right In: 105.198 ± 0.067 $\chi^2/\text{NDF}: 7510.0/3$

Left Out: 56.036 ± 0.015 $\chi^2/\text{NDF}: 1447392.7/10$

Right Out: 118.980 ± 0.062 $\chi^2/\text{NDF}: 329946.2/4$

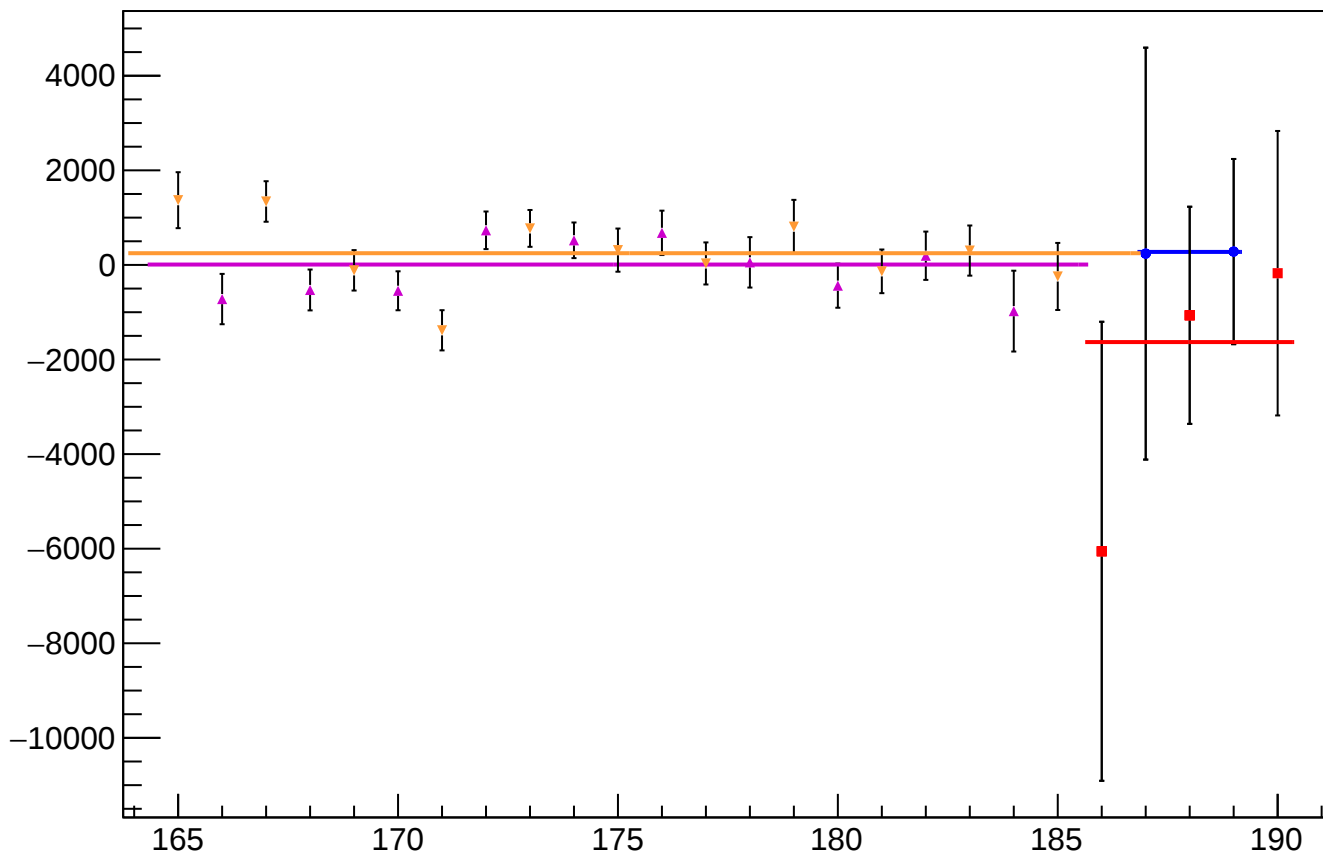
Left In: 59.248 ± 0.017 $\chi^2/\text{NDF}: 1172660.8/9$

+ sign 58.468 ± 0.015 $\chi^2/\text{NDF}: 1961408.2/14$

All: 60.683 ± 0.011 $\chi^2/\text{NDF}: 4364208.9/29$

- sign 63.285 ± 0.016 $\chi^2/\text{NDF}: 2355258.1/14$

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 274.965 ± 1262.736 χ^2/NDF : 0.0/3

Left Out: 247.814 ± 142.690 χ^2/NDF : 29.8/10

Right Out: -1631.234 ± 1318.818 χ^2/NDF : 2.0/4

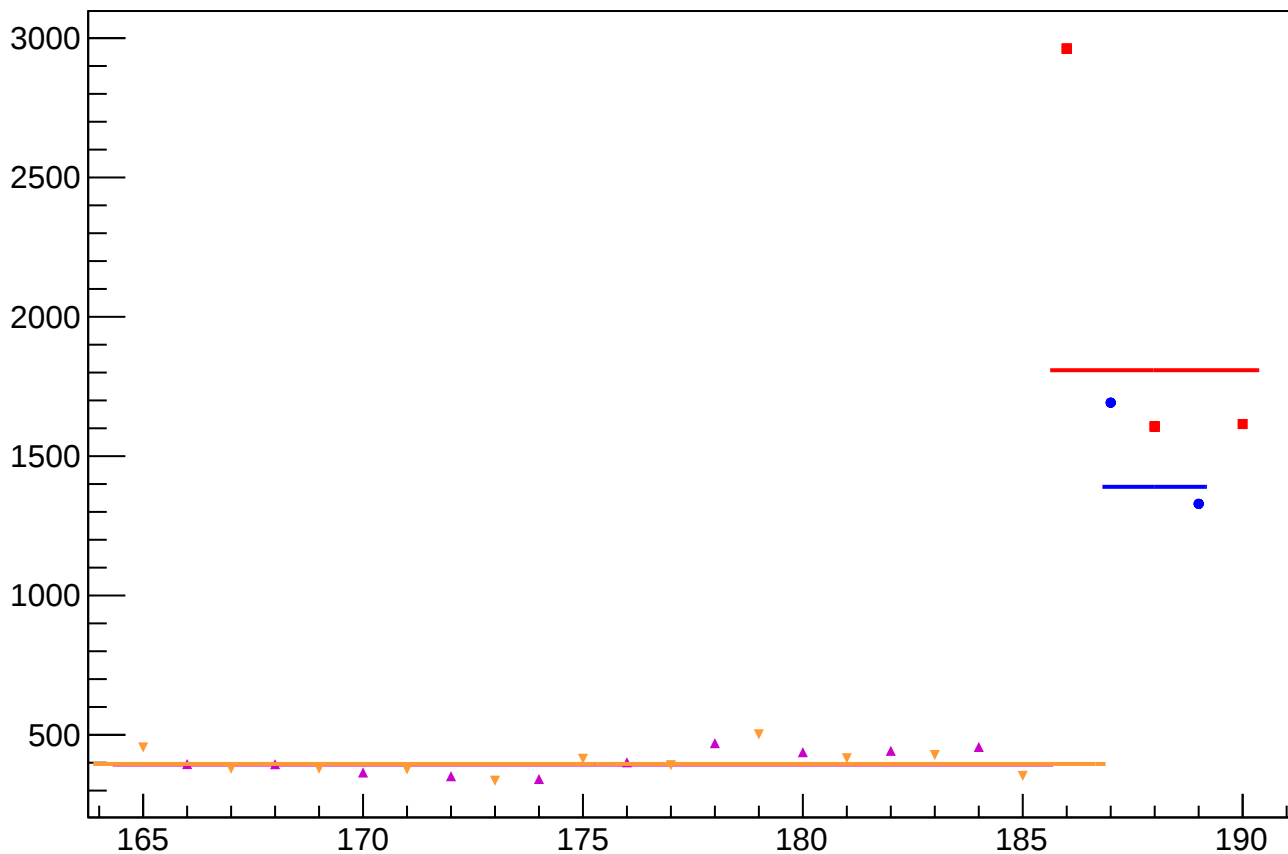
Left In: 7.977 ± 147.413 χ^2/NDF : 14.8/9

+ sign 248.157 ± 141.787 χ^2/NDF : 29.8/14

All: 122.209 ± 101.884 χ^2/NDF : 49.8/29

- sign -12.250 ± 146.500 χ^2/NDF : 18.4/14

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1390.015+/-0.893 χ^2/NDF : 23120.7/3

Left Out: 395.582+/-0.101 χ^2/NDF : 170578.0/10

Right Out: 1808.351+/-0.933 χ^2/NDF : 265405.1/4

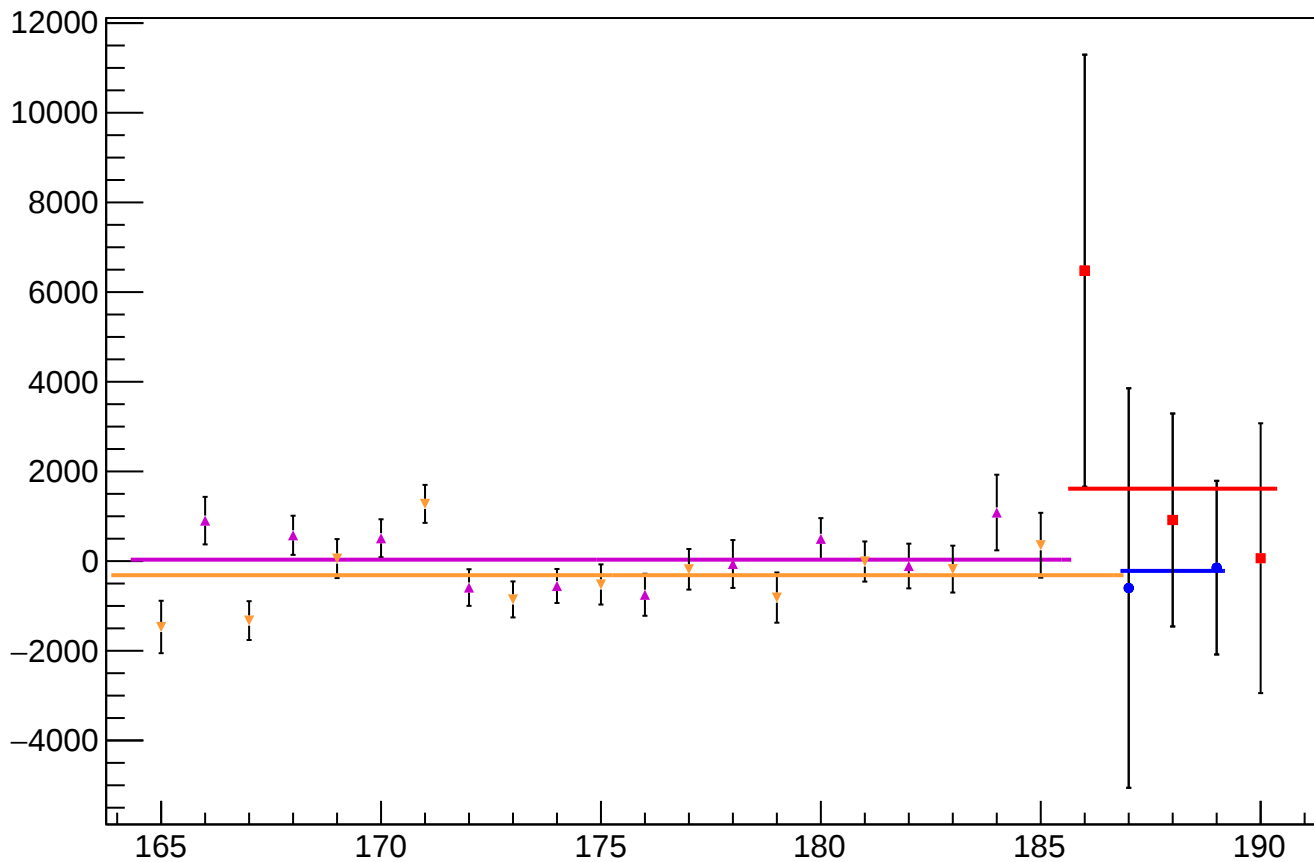
Left In: 393.504+/-0.104 χ^2/NDF : 159339.4/9

+ sign 408.120+/-0.100 χ^2/NDF : 1418444.0/14

All: 409.495+/-0.072 χ^2/NDF : 4117036.5/29

- sign 410.963+/-0.104 χ^2/NDF : 2698203.6/14

asym_sam_15_48_dd_mean vs Slug



Right In: -218.147+/-1255.793 χ^2/NDF : 0.0/3

Left Out: -314.047+/-142.928 χ^2/NDF : 28.5/10

Right Out: 1615.137+/-1346.923 χ^2/NDF : 2.5/4

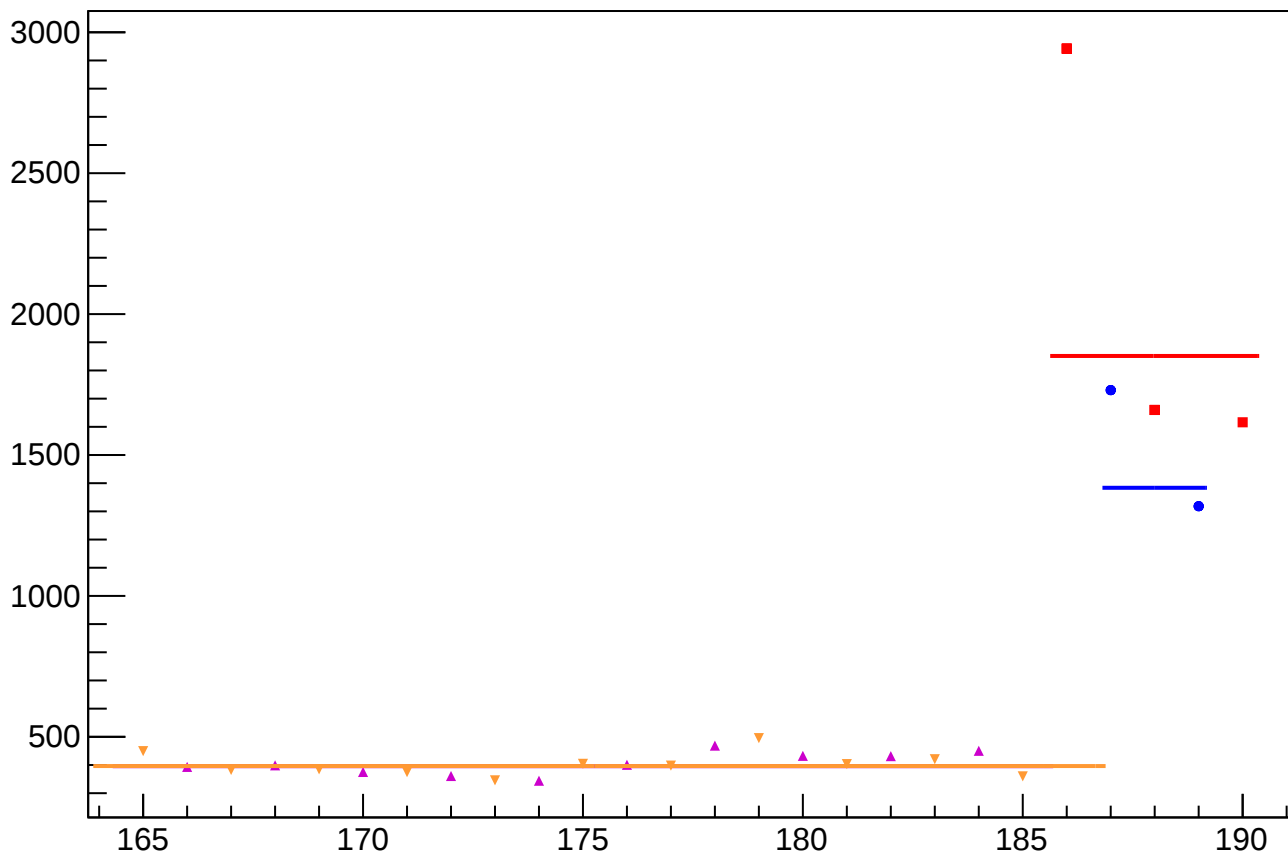
Left In: 32.098+/-148.268 χ^2/NDF : 15.7/9

+ sign -312.820+/-142.011 χ^2/NDF : 28.5/14

All: -137.631+/-102.262 χ^2/NDF : 51.2/29

- sign 51.050+/-147.378 χ^2/NDF : 19.5/14

asym_sam_15_48_dd_rms vs Slug



Right In: 1383.697 $\pm$ 0.888 χ^2/NDF : 28754.8/3

Left Out: 396.270 $\pm$ 0.101 χ^2/NDF : 130126.7/10

Right Out: 1851.460 $\pm$ 0.952 χ^2/NDF : 243159.5/4

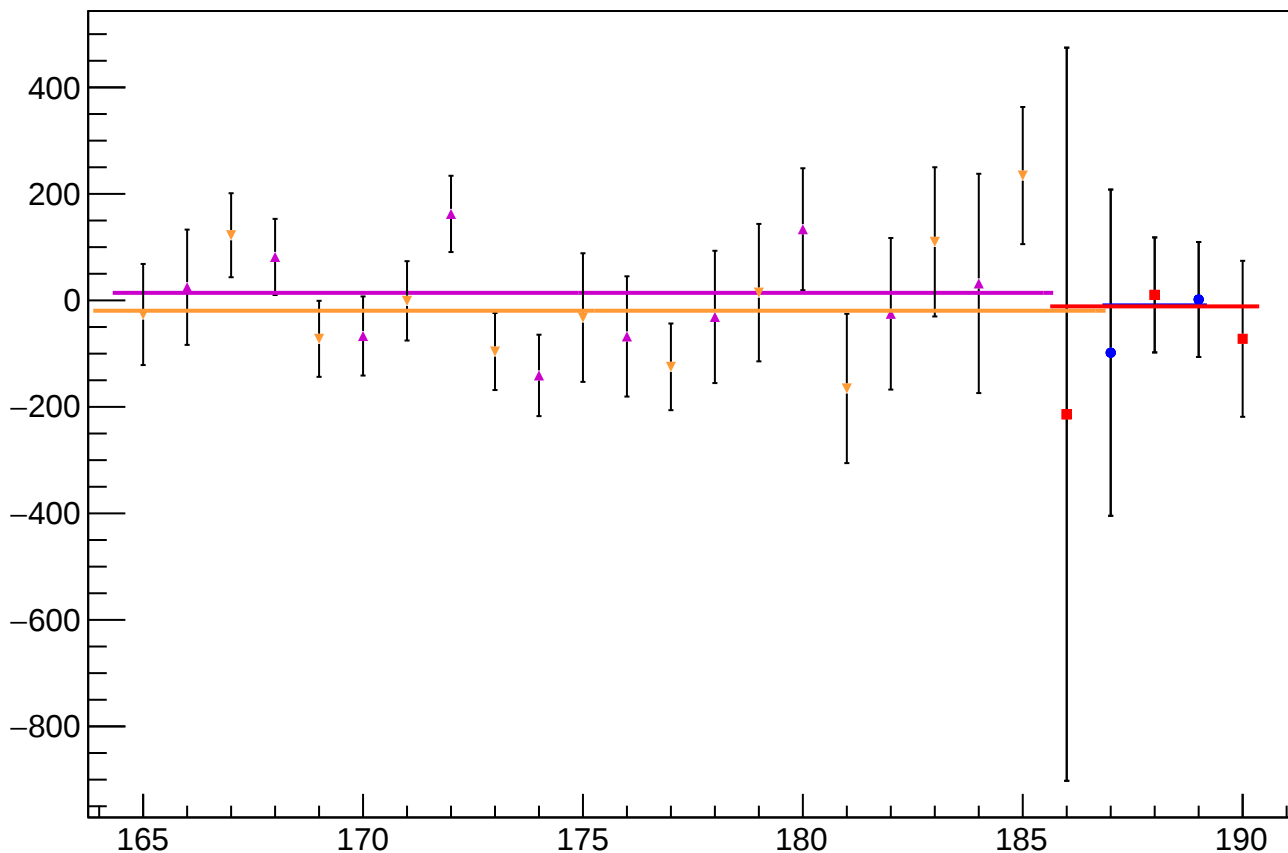
Left In: 395.753 $\pm$ 0.105 χ^2/NDF : 125125.2/9

+ sign 408.897 $\pm$ 0.100 χ^2/NDF : 1379597.9/14

All: 410.960 $\pm$ 0.072 χ^2/NDF : 4056892.5/29

- sign 413.181 $\pm$ 0.104 χ^2/NDF : 2676418.2/14

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -9.337 ± 72.013 χ^2/NDF : 0.2/3

Left Out: -19.391 ± 27.939 χ^2/NDF : 12.5/10

Right Out: -11.266 ± 67.065 χ^2/NDF : 0.4/4

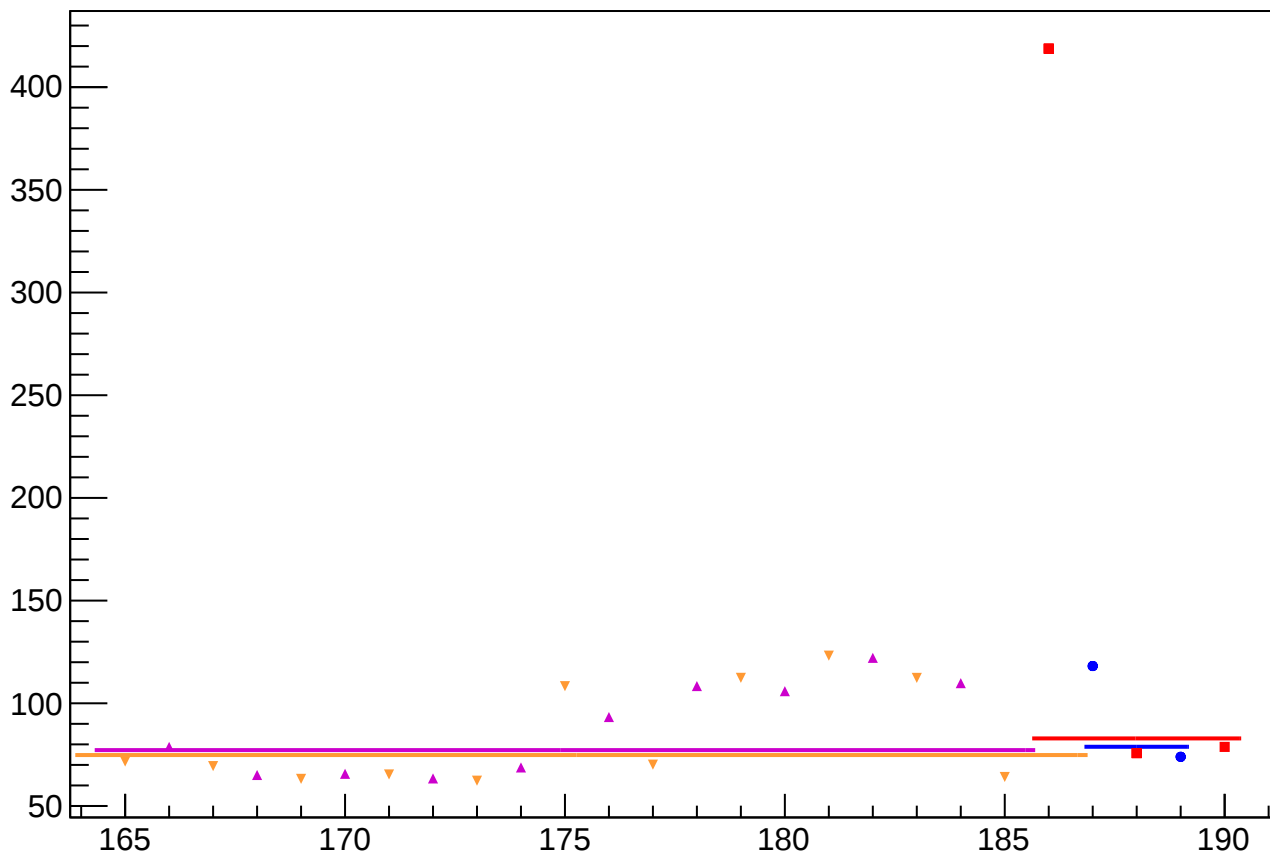
Left In: 14.170 ± 29.873 χ^2/NDF : 12.3/9

+ sign -18.076 ± 26.048 χ^2/NDF : 12.8/14

All: -4.710 ± 18.842 χ^2/NDF : 26.2/29

- sign 9.958 ± 27.288 χ^2/NDF : 12.9/14

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 78.833+/-0.051 χ^2/NDF : 74059.0/3

Left Out: 74.802+/-0.020 χ^2/NDF : 882434.4/10

Right Out: 82.897+/-0.047 χ^2/NDF : 971115.2/4

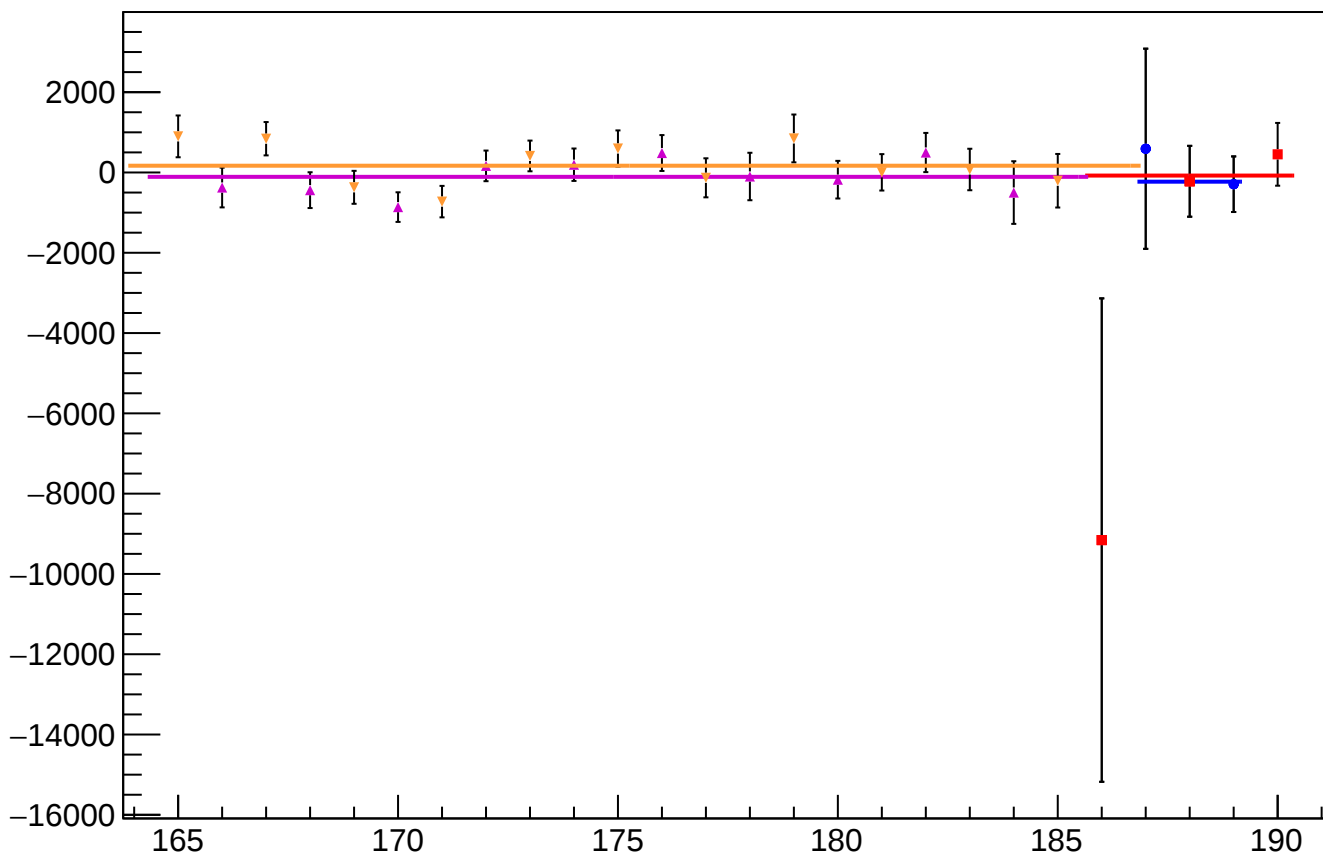
Left In: 77.210+/-0.021 χ^2/NDF : 746266.2/9

+ sign 75.330+/-0.018 χ^2/NDF : 961940.8/14

All: 76.675+/-0.013 χ^2/NDF : 2702515.1/29

- sign 78.152+/-0.019 χ^2/NDF : 1729381.3/14

asym_sam_37_48_dd_correction_mean vs Slug



Right In: -229.160 $\pm$ 471.707 χ^2/NDF : 0.2/3

Left Out: 168.448 $\pm$ 139.205 χ^2/NDF : 15.0/10

Right Out: -76.994 $\pm$ 484.643 χ^2/NDF : 5.1/4

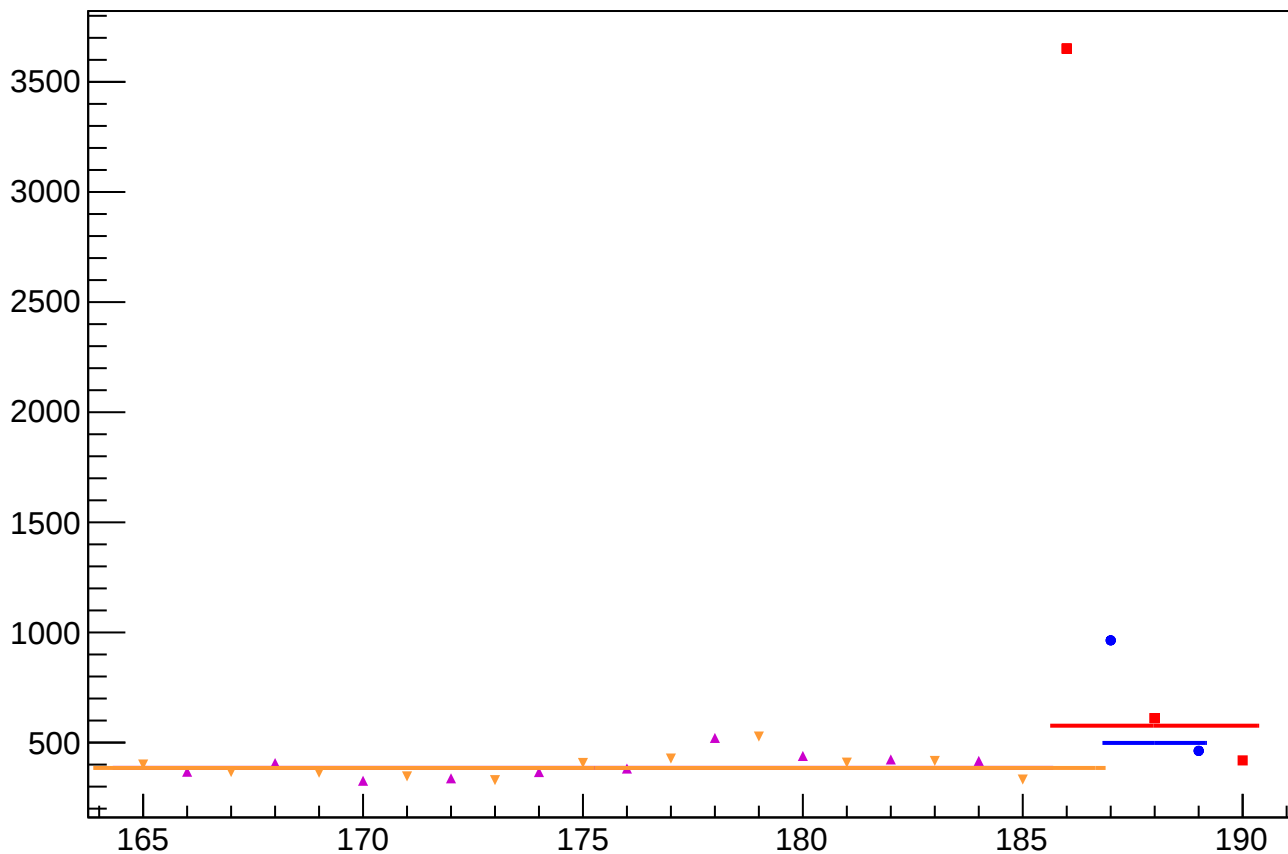
Left In: -108.697 $\pm$ 144.741 χ^2/NDF : 9.7/9

+ sign 136.595 $\pm$ 133.513 χ^2/NDF : 15.9/14

All: 19.859 $\pm$ 96.185 χ^2/NDF : 32.2/29

- sign -106.101 $\pm$ 138.688 χ^2/NDF : 14.7/14

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 498.397 $\pm$ 0.334 χ^2 /NDF: 150283.2/3

Left Out: 384.773 $\pm$ 0.098 χ^2 /NDF: 233295.8/10

Right Out: 576.646 $\pm$ 0.343 χ^2 /NDF: 1130291.4/4

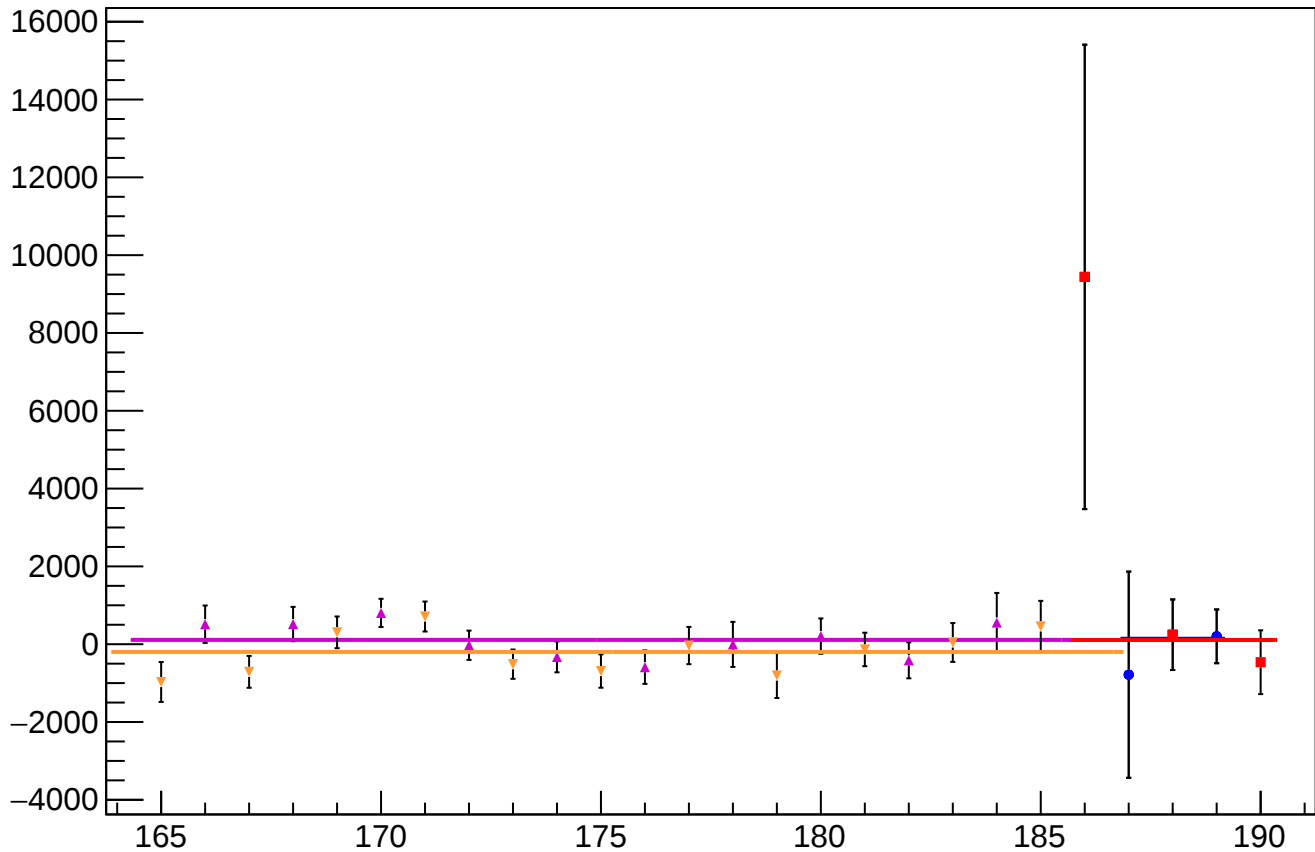
Left In: 385.127 $\pm$ 0.102 χ^2 /NDF: 241148.2/9

+ sign 393.875 $\pm$ 0.094 χ^2 /NDF: 490326.8/14

All: 397.211 $\pm$ 0.068 χ^2 /NDF: 2151113.7/29

- sign 400.811 $\pm$ 0.098 χ^2 /NDF: 1658191.4/14

asym_sam_37_48_dd_mean vs Slug



Right In: 139.802 ± 472.821 χ^2/NDF : 0.3/3

Left Out: -198.385 ± 135.944 χ^2/NDF : 15.4/10

Right Out: 108.759 ± 501.508 χ^2/NDF : 5.4/4

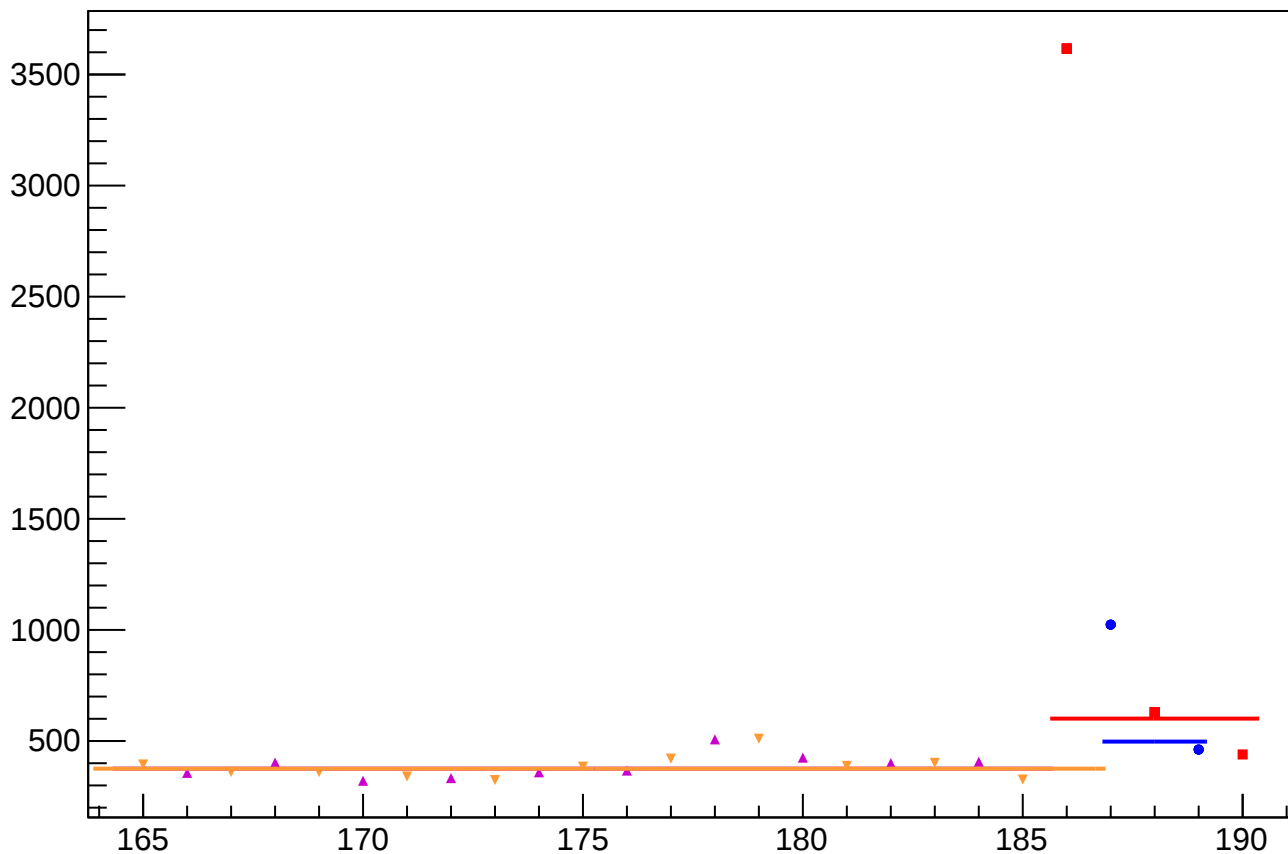
Left In: 110.748 ± 141.232 χ^2/NDF : 10.9/9

+ sign -172.563 ± 130.651 χ^2/NDF : 16.2/14

All: -36.601 ± 94.200 χ^2/NDF : 34.8/29

- sign 110.602 ± 135.944 χ^2/NDF : 16.4/14

asym_sam_37_48_dd_rms vs Slug



Right In: 497.347 $\pm$ 0.334 χ^2 /NDF: 168586.9/3

Left Out: 375.516 $\pm$ 0.096 χ^2 /NDF: 207632.3/10

Right Out: 600.868 $\pm$ 0.355 χ^2 /NDF: 1102660.1/4

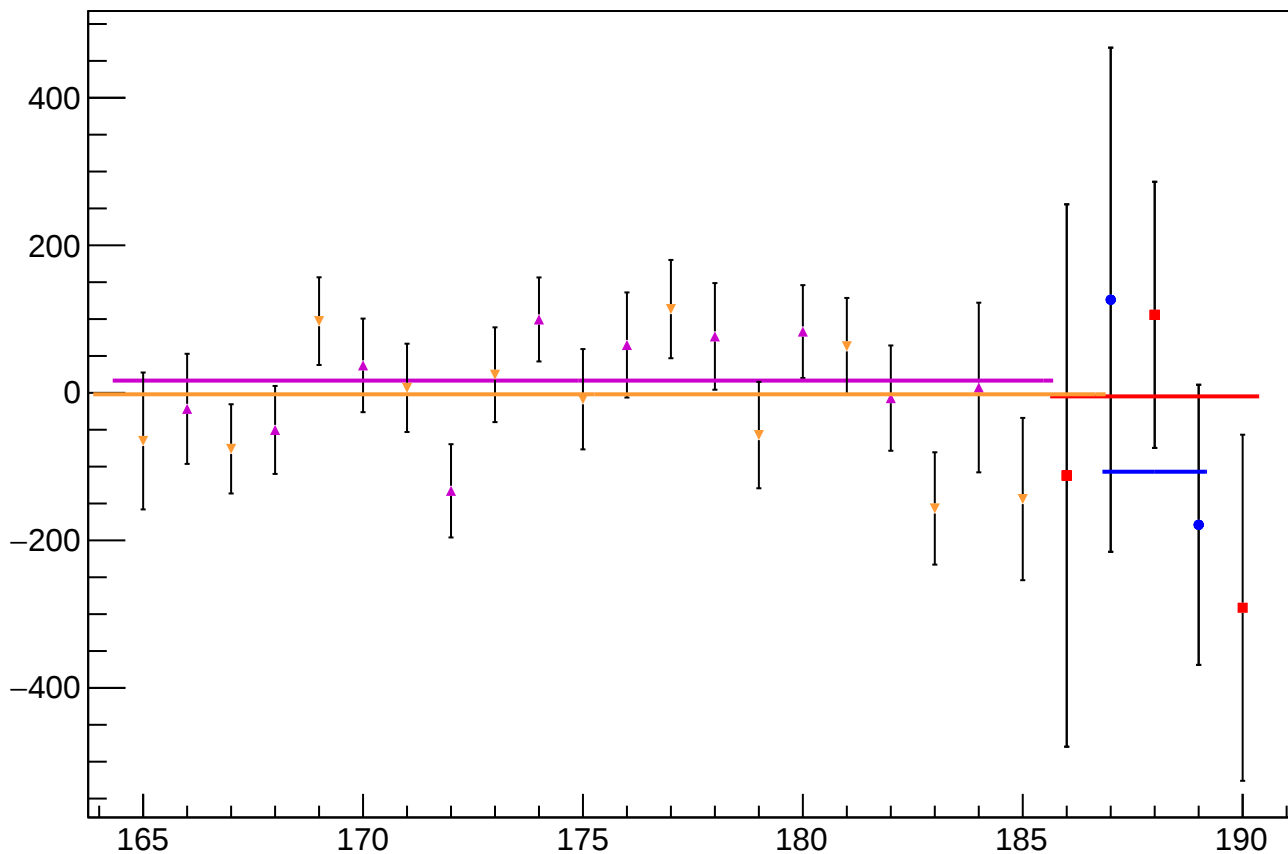
Left In: 375.563 $\pm$ 0.100 χ^2 /NDF: 222272.9/9

+ sign 384.818 $\pm$ 0.092 χ^2 /NDF: 498867.1/14

All: 388.323 $\pm$ 0.067 χ^2 /NDF: 2200799.4/29

- sign 392.118 $\pm$ 0.096 χ^2 /NDF: 1698934.6/14

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -106.920 ± 117.364 $\chi^2/\text{NDF}: 1.2/3$

Left Out: -1.967 ± 20.782 $\chi^2/\text{NDF}: 15.3/10$

Right Out: -4.796 ± 102.904 $\chi^2/\text{NDF}: 2.4/4$

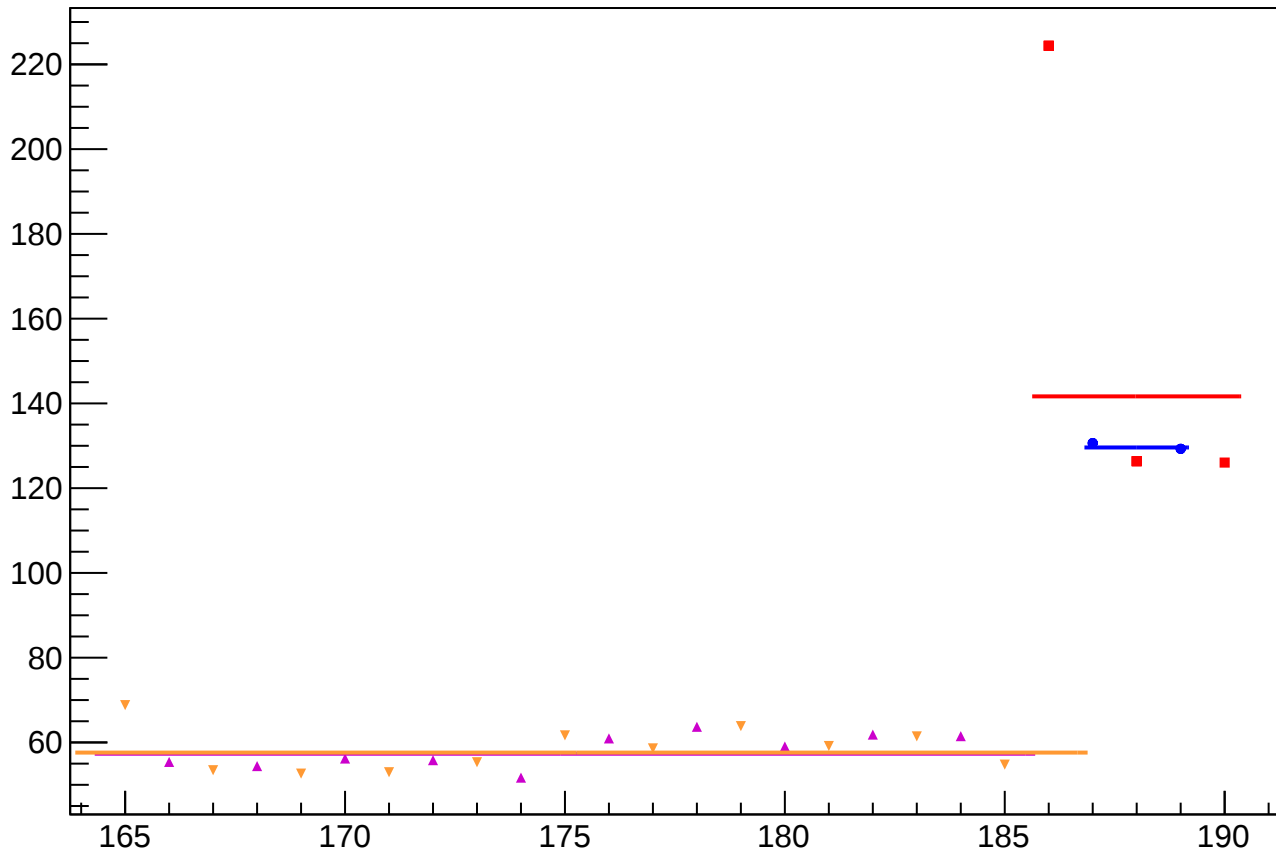
Left In: 16.615 ± 21.414 $\chi^2/\text{NDF}: 11.7/9$

+ sign -5.157 ± 20.463 $\chi^2/\text{NDF}: 17.3/14$

All: 5.032 ± 14.644 $\chi^2/\text{NDF}: 32.0/29$

- sign 15.726 ± 20.965 $\chi^2/\text{NDF}: 14.2/14$

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 129.603 $\pm$ 0.083 χ^2 /NDF: 47.0/3

Left Out: 57.607 $\pm$ 0.015 χ^2 /NDF: 97102.2/10

Right Out: 141.659 $\pm$ 0.073 χ^2 /NDF: 240210.7/4

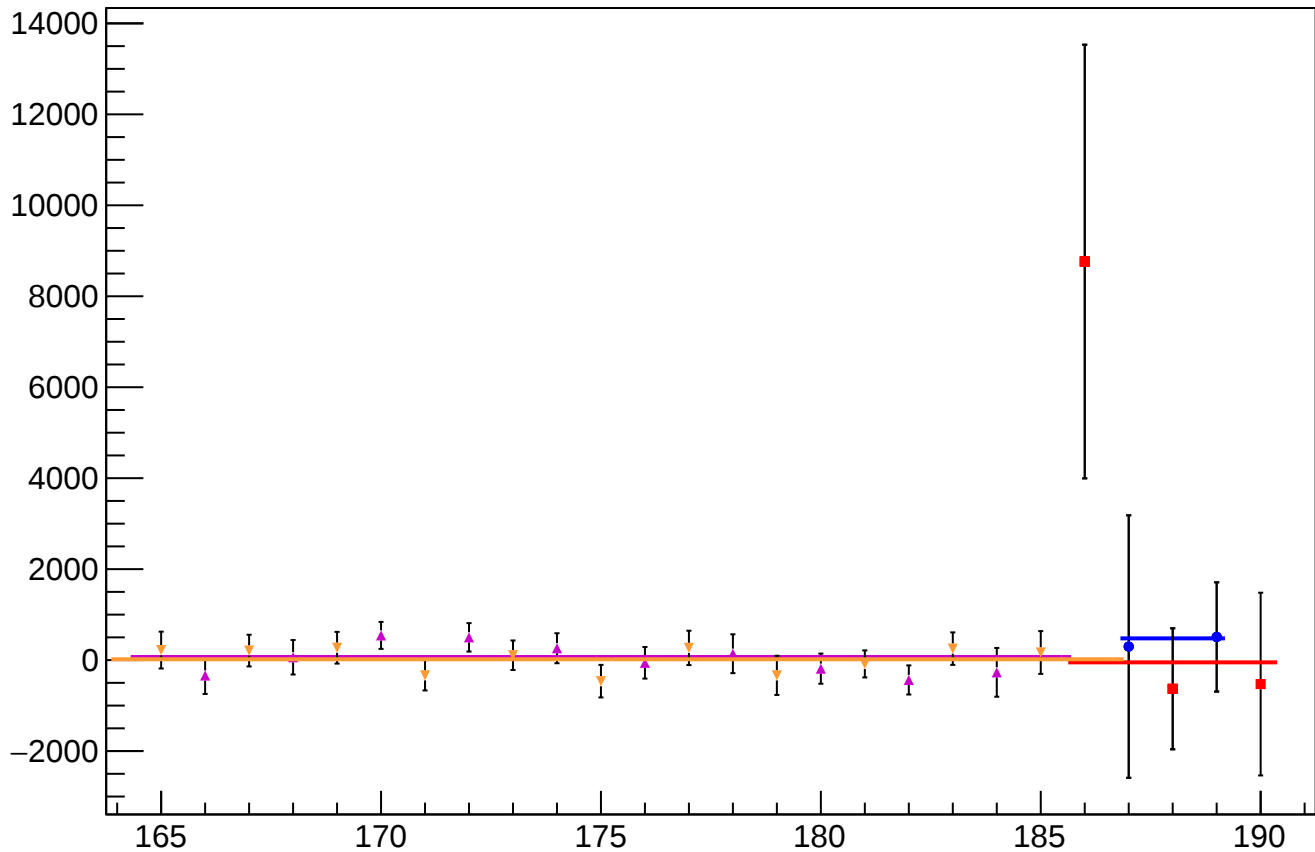
Left In: 57.334 $\pm$ 0.015 χ^2 /NDF: 60251.1/9

+ sign 59.795 $\pm$ 0.014 χ^2 /NDF: 826900.8/14

All: 60.302 $\pm$ 0.010 χ^2 /NDF: 2417143.5/29

- sign 60.835 $\pm$ 0.015 χ^2 /NDF: 1587726.9/14

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 477.821+/-784.100 χ^2/NDF : 0.0/3

Left Out: 18.444+/-108.478 χ^2/NDF : 5.8/10

Right Out: -49.499+/-826.036 χ^2/NDF : 7.3/4

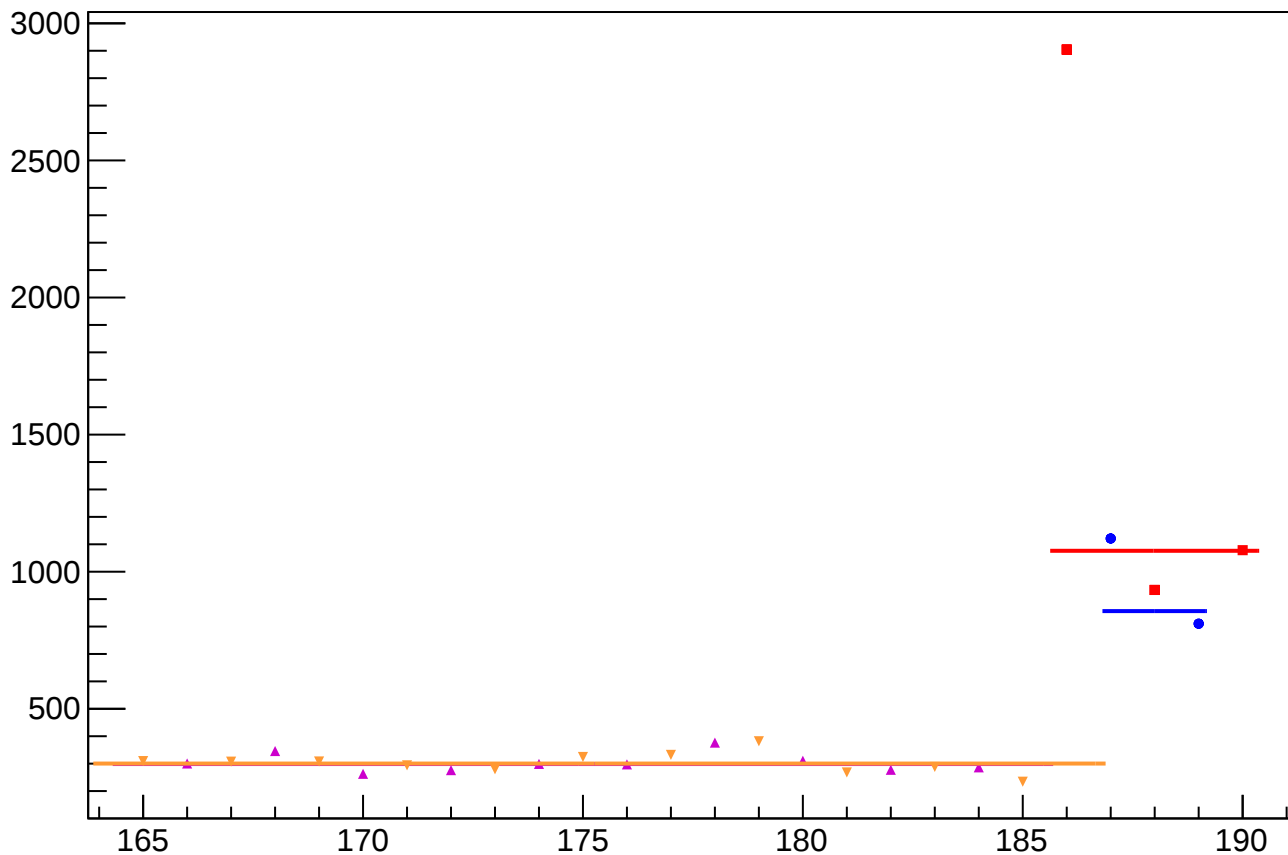
Left In: 67.843+/-111.863 χ^2/NDF : 9.5/9

+ sign 27.071+/-107.455 χ^2/NDF : 6.2/14

All: 45.799+/-77.155 χ^2/NDF : 23.0/29

- sign 65.730+/-110.851 χ^2/NDF : 16.8/14

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 856.335 $\pm$ 0.554 χ^2/NDF : 39526.4/3

Left Out: 300.303 $\pm$ 0.077 χ^2/NDF :171727.5/10

Right Out: 1076.292 $\pm$ 0.584 χ^2/NDF : 634001.6/4

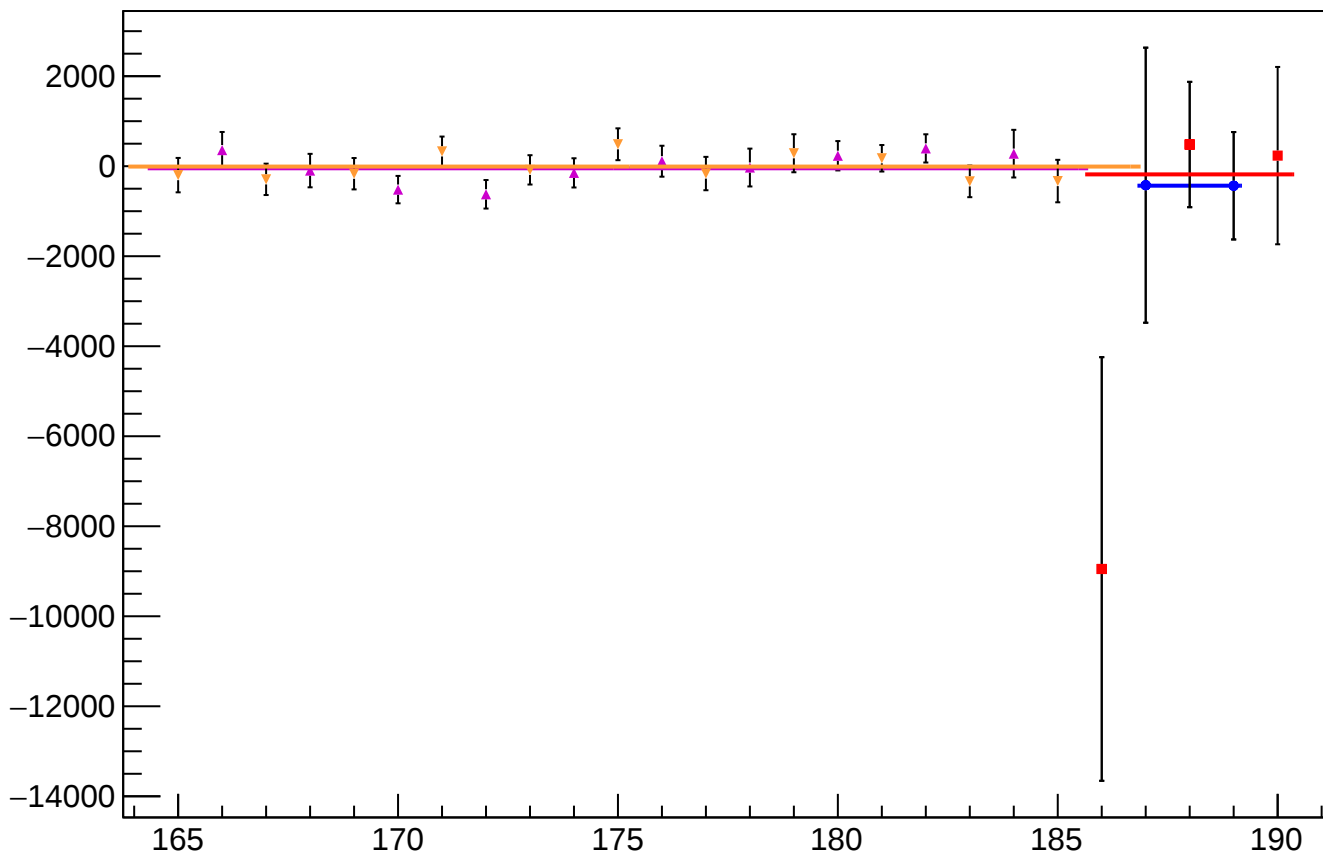
Left In: 298.523 $\pm$ 0.079 χ^2/NDF :149478.3/9

+ sign 310.745 $\pm$ 0.076 χ^2/NDF : 1198109.9/14

All: 311.610 $\pm$ 0.055 χ^2/NDF : 3723026.4/29

- sign 312.529 $\pm$ 0.078 χ^2/NDF : 2524649.5/14

asym_sam_15_26_dd_mean vs Slug



Right In: -433.052+/-785.870 χ^2 /NDF: 0.0/3

Left Out: -8.389+/-107.257 χ^2 /NDF:6.6/10

Right Out: -181.962+/-851.488 χ^2 /NDF: 7.4/4

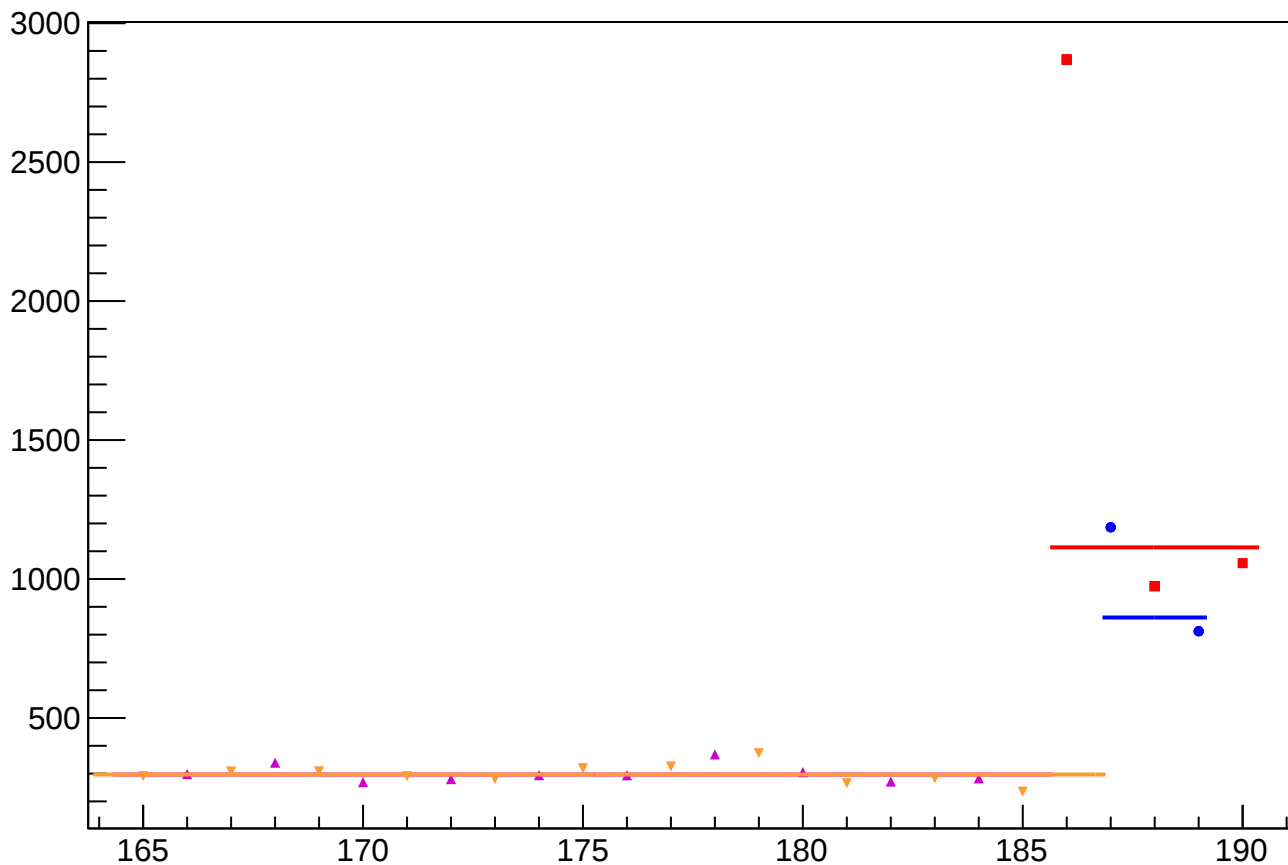
Left In: -46.665+/-111.195 χ^2 /NDF:10.2/9

+ sign -16.155+/-106.272 χ^2 /NDF: 6.9/14

All: -31.941+/-76.516 χ^2 /NDF: 24.5/29

- sign -48.933+/-110.258 χ^2 /NDF: 17.6/14

asym_sam_15_26_dd_rms vs Slug



Right In: 861.588+/-0.556 χ^2/NDF : 51968.2/3

Left Out: 296.730+/-0.076 χ^2/NDF :156535.2/10

Right Out: 1113.901+/-0.602 χ^2/NDF : 597962.3/4

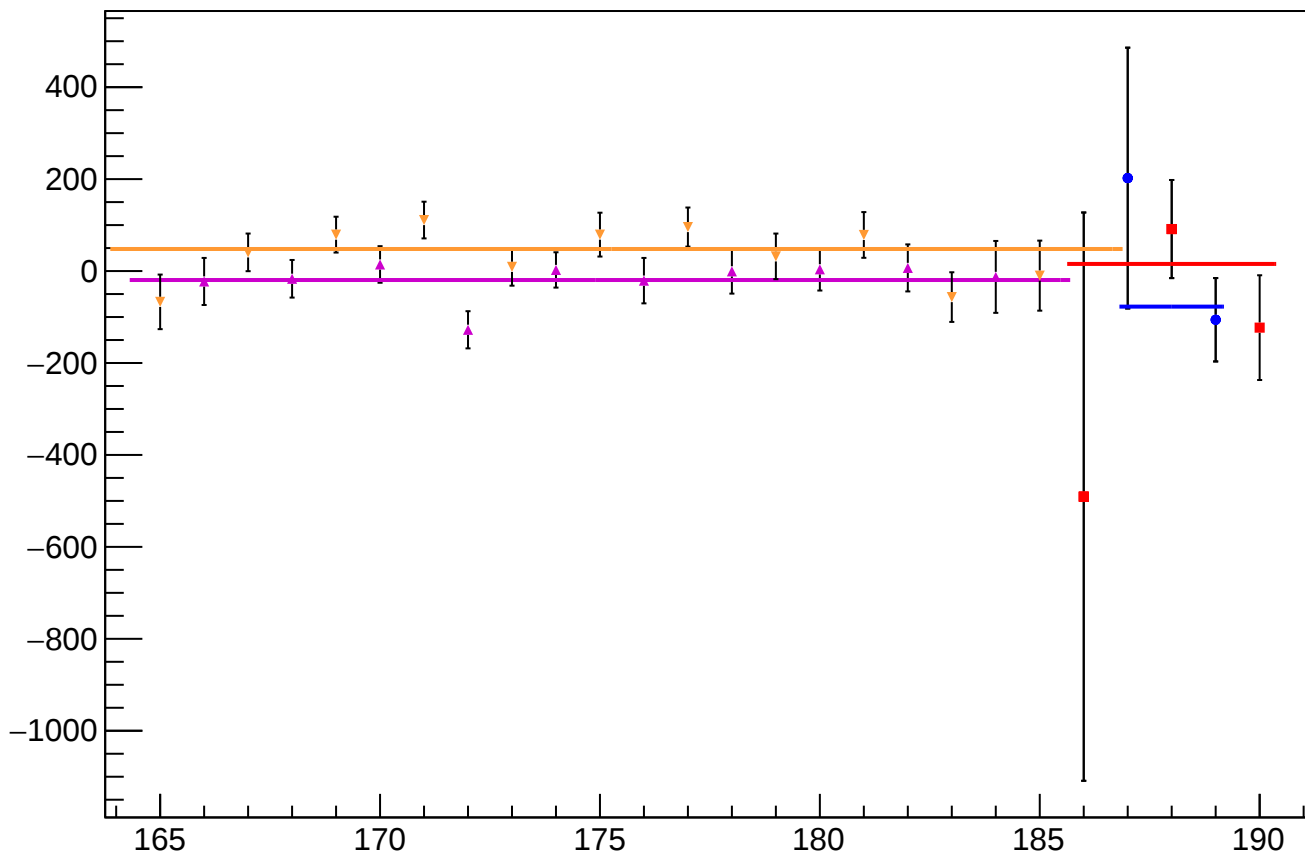
Left In: 296.691+/-0.079 χ^2/NDF :123085.8/9

+ sign 307.060+/-0.075 χ^2/NDF : 1222863.3/14

All: 308.665+/-0.054 χ^2/NDF : 3756184.7/29

- sign 310.393+/-0.078 χ^2/NDF : 2532373.5/14

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -77.356 ± 61.093 χ^2/NDF : 2.1/3

Left Out: 48.005 ± 14.028 χ^2/NDF : 14.3/10

Right Out: 15.491 ± 62.271 χ^2/NDF : 3.8/4

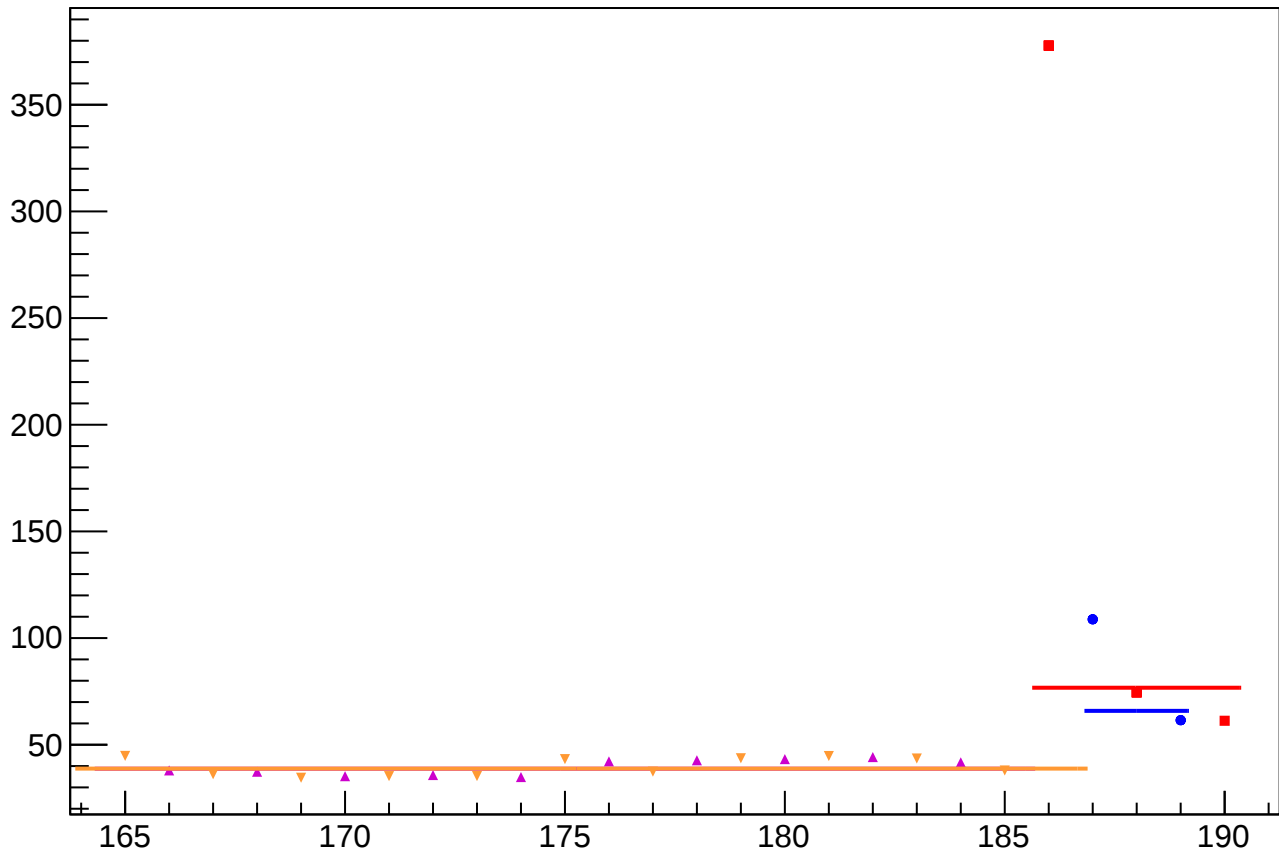
Left In: -19.487 ± 14.509 χ^2/NDF : 8.9/9

+ sign 41.726 ± 13.672 χ^2/NDF : 20.5/14

All: 12.999 ± 9.826 χ^2/NDF : 42.6/29

- sign -17.686 ± 14.130 χ^2/NDF : 13.0/14

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 65.880 $\pm$ 0.043 χ^2/NDF : 100855.1/3

Left Out: 38.811 $\pm$ 0.010 χ^2/NDF : 165210.6/10

Right Out: 76.725 $\pm$ 0.044 χ^2/NDF : 987144.5/4

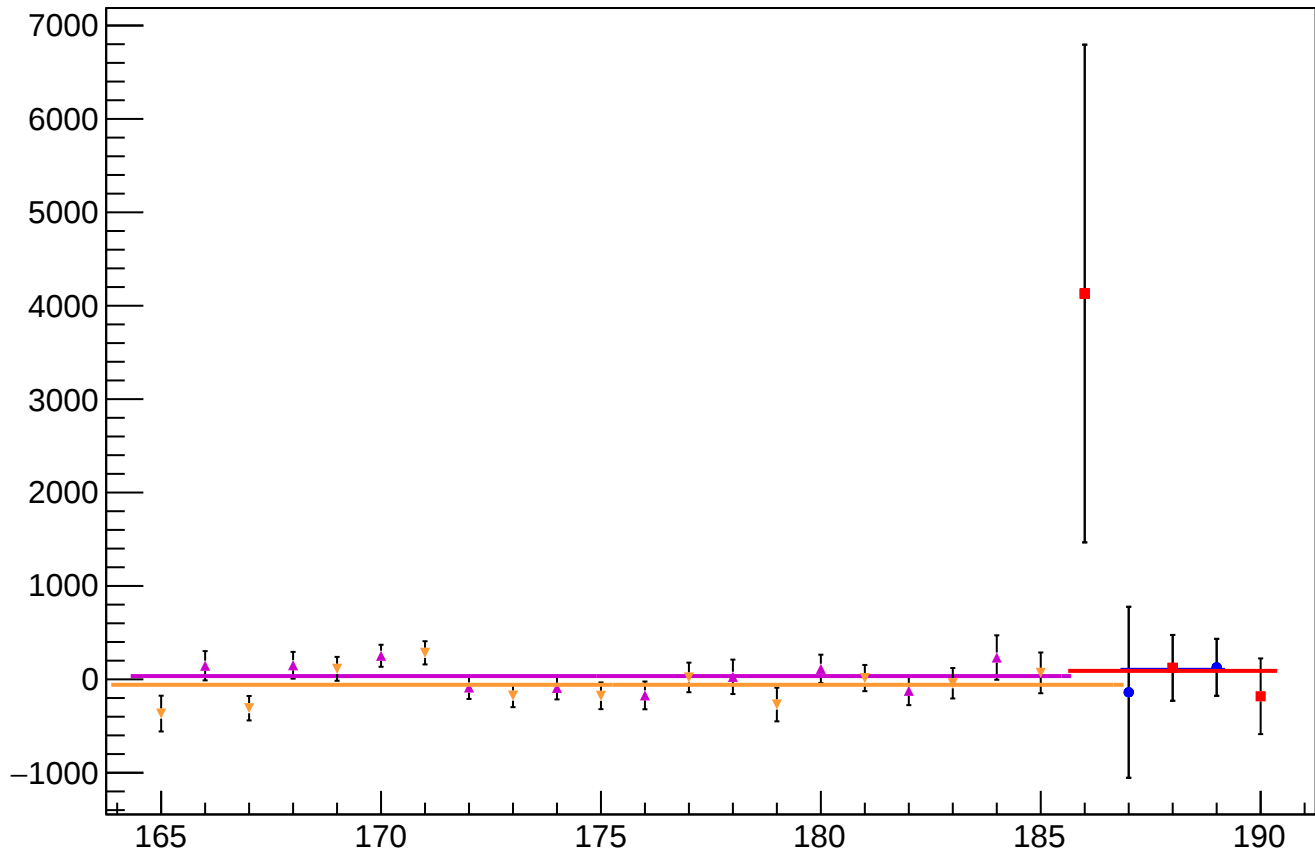
Left In: 38.757 $\pm$ 0.010 χ^2/NDF : 117413.5/9

+ sign 40.166 $\pm$ 0.010 χ^2/NDF : 639055.0/14

All: 40.430 $\pm$ 0.007 χ^2/NDF : 2450373.6/29

- sign 40.712 $\pm$ 0.010 χ^2/NDF : 1809778.3/14

asym_sam_37_26_dd_correction_mean vs Slug



Right In: 101.925 $\pm$ 204.538 χ^2 /NDF: 0.2/3

Left Out: -58.396 $\pm$ 44.454 χ^2 /NDF:19.4/10

Right Out: 90.748 $\pm$ 210.906 χ^2 /NDF: 5.1/4

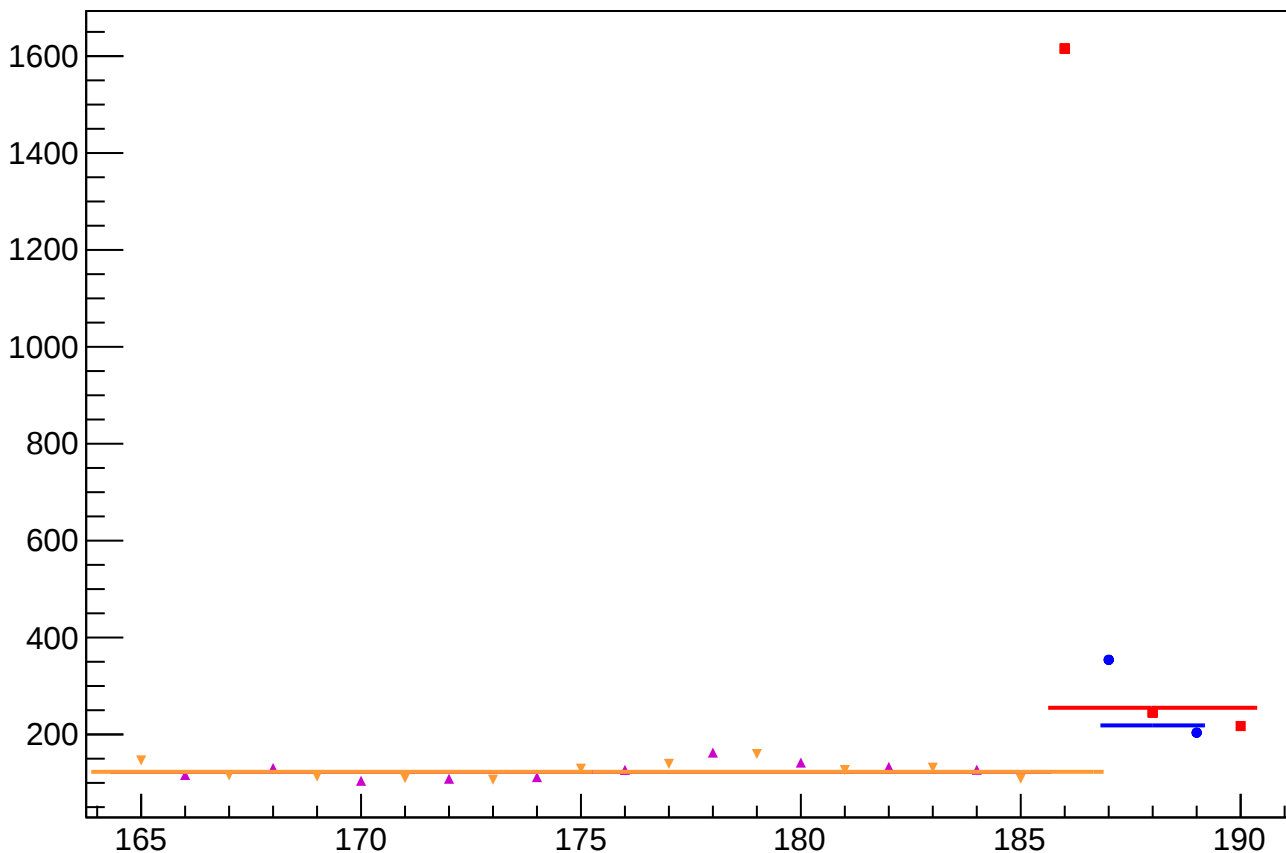
Left In: 35.017 $\pm$ 46.027 χ^2 /NDF:10.5/9

+ sign -51.165 $\pm$ 43.440 χ^2 /NDF: 20.2/14

All: -8.340 $\pm$ 31.243 χ^2 /NDF: 37.9/29

- sign 37.550 $\pm$ 44.968 χ^2 /NDF: 15.7/14

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 218.652 $\pm$ 0.145 χ^2 /NDF: 97214.3/3

Left Out: 122.855 $\pm$ 0.031 χ^2 /NDF: 229064.7/10

Right Out: 255.022 $\pm$ 0.149 χ^2 /NDF: 1063391.8/4

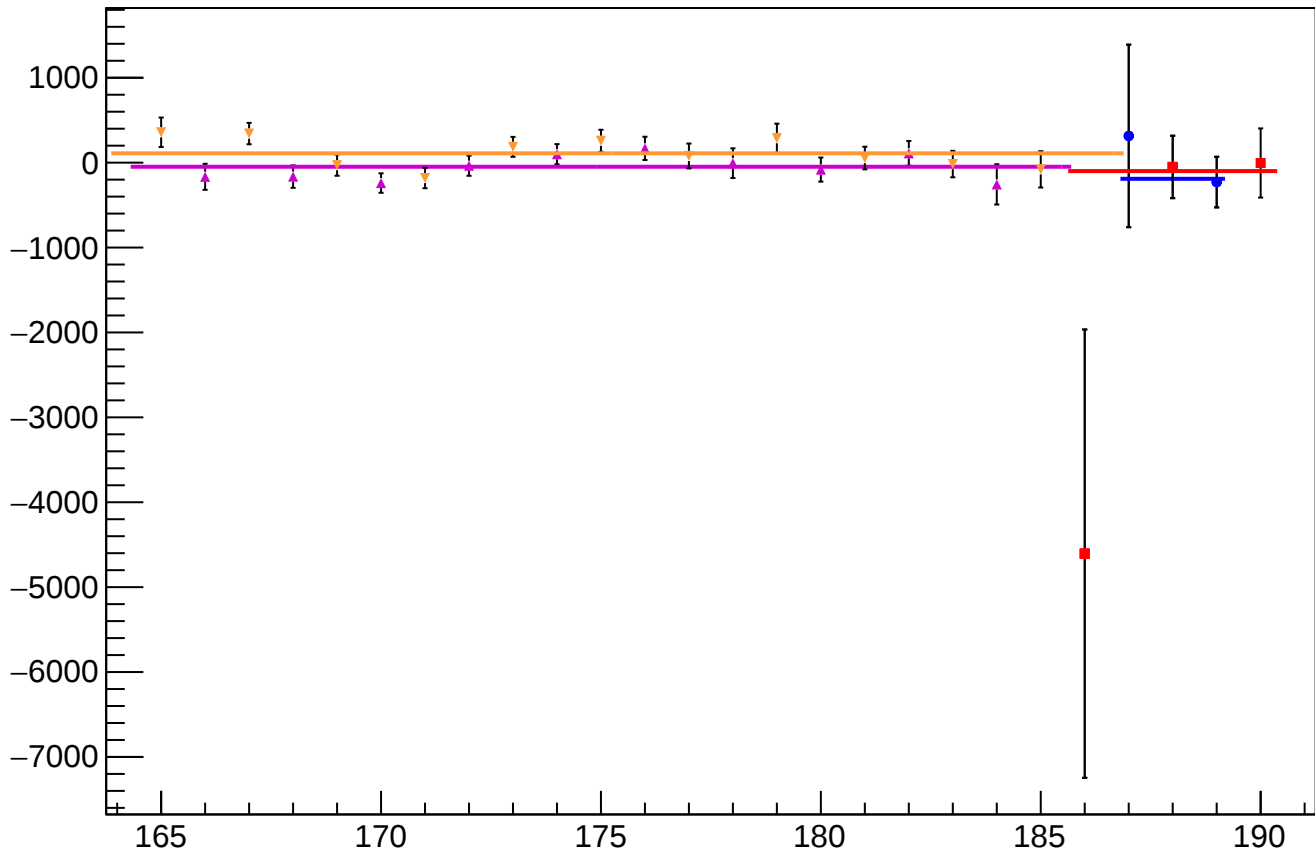
Left In: 122.504 $\pm$ 0.033 χ^2 /NDF: 236627.4/9

+ sign 127.176 $\pm$ 0.031 χ^2 /NDF: 745213.9/14

All: 127.829 $\pm$ 0.022 χ^2 /NDF: 2799859.6/29

- sign 128.528 $\pm$ 0.032 χ^2 /NDF: 2053710.2/14

asym_sam_37_26_dd_mean vs Slug



Right In: -190.213+/-203.044 χ^2/NDF : 0.5/3

Left Out: 109.915+/-42.164 χ^2/NDF : 17.1/10

Right Out: -99.245+/-217.742 χ^2/NDF : 5.9/4

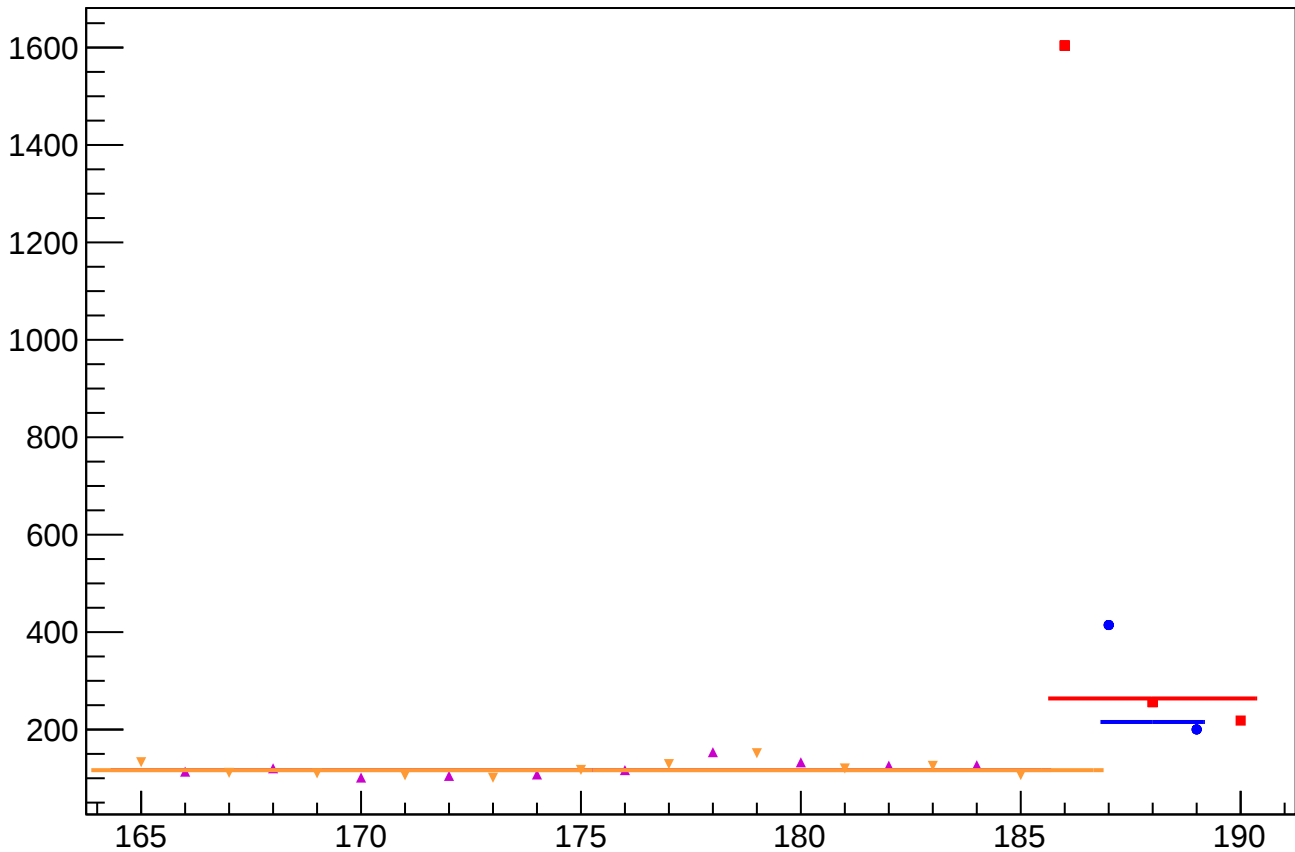
Left In: -48.220+/-43.889 χ^2/NDF : 10.3/9

+ sign 97.509+/-41.283 χ^2/NDF : 19.6/14

All: 26.698+/-29.788 χ^2/NDF : 42.1/29

- sign -50.212+/-43.024 χ^2/NDF : 16.3/14

asym_sam_37_26_dd_rms vs Slug



Right In: 215.536 $\pm$ 0.144 χ^2 /NDF: 147698.5/3

Left Out: 116.611 $\pm$ 0.030 χ^2 /NDF:187439.4/10

Right Out: 263.808 $\pm$ 0.154 χ^2 /NDF: 1057209.8/4

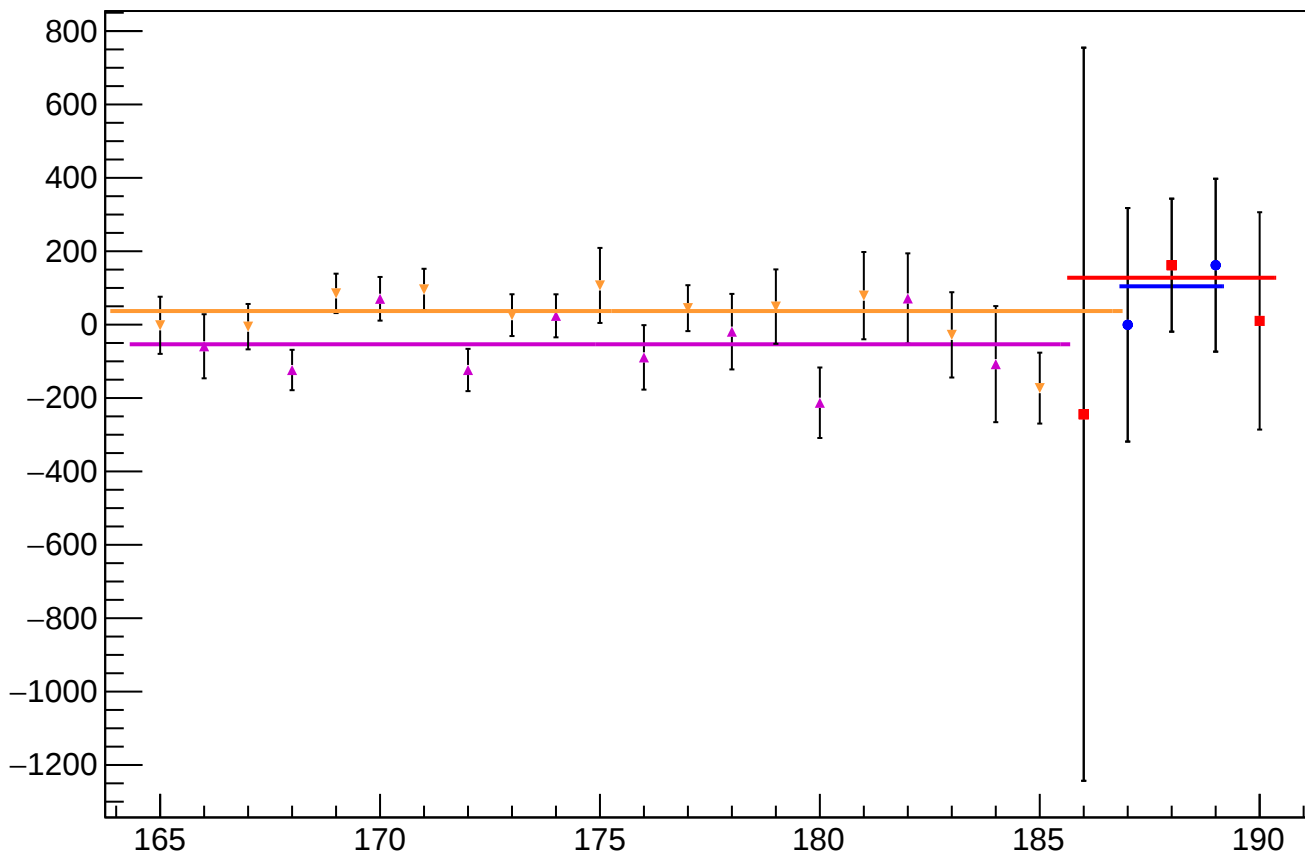
Left In: 116.874 $\pm$ 0.031 χ^2 /NDF:195244.7/9

+ sign 120.700 $\pm$ 0.029 χ^2 /NDF: 790262.9/14

All: 121.616 $\pm$ 0.021 χ^2 /NDF: 2919941.3/29

- sign 122.611 $\pm$ 0.030 χ^2 /NDF: 2127624.0/14

dit_asym_sam_1357_avg_mean vs Slug



Right In: 104.466 ± 133.881 χ^2/NDF : 0.3/3

Left Out: 37.025 ± 21.827 χ^2/NDF : 8.3/10

Right Out: 127.800 ± 116.004 χ^2/NDF : 0.5/4

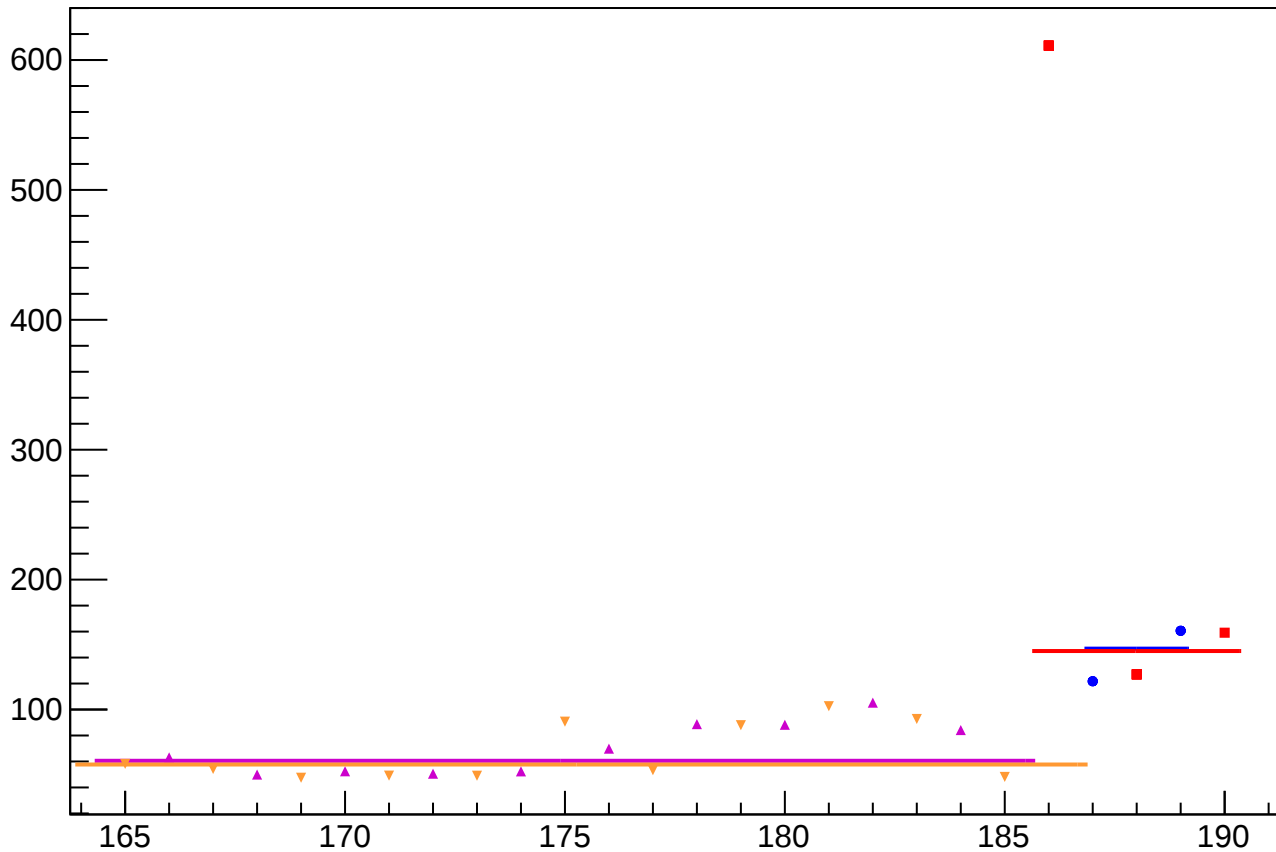
Left In: -53.510 ± 23.735 χ^2/NDF : 13.4/9

+ sign 38.771 ± 21.543 χ^2/NDF : 8.9/14

All: -0.486 ± 15.803 χ^2/NDF : 32.3/29

- sign -46.225 ± 23.254 χ^2/NDF : 16.2/14

dit_asym_sam_1357_avg_rms vs Slug



Right In: 146.864 ± 0.095 χ^2/NDF : 38581.2/3

Left Out: 57.666 ± 0.015 χ^2/NDF : 1052968.6/10

Right Out: 145.027 ± 0.082 χ^2/NDF : 914699.7/4

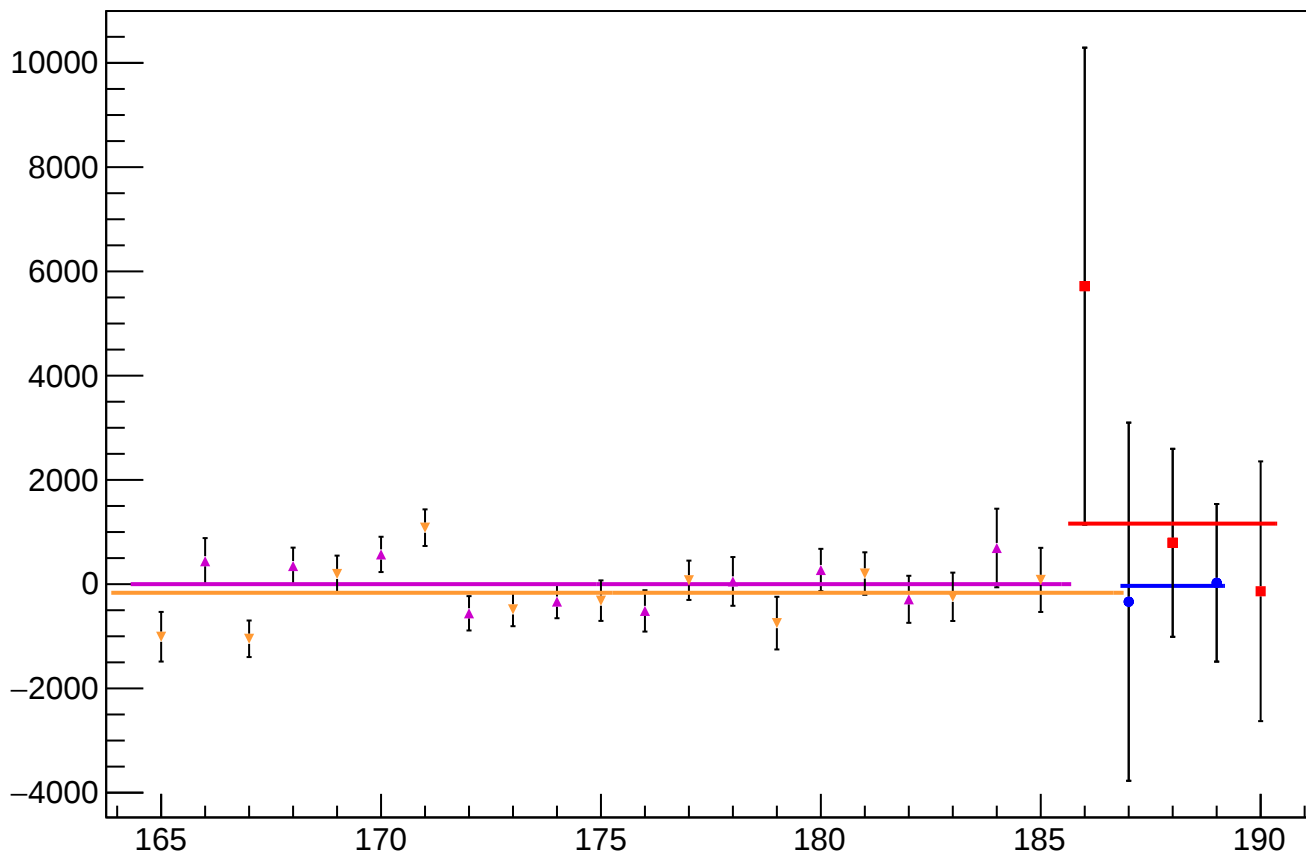
Left In: 60.534 ± 0.017 χ^2/NDF : 860721.9/9

+ sign 59.975 ± 0.015 χ^2/NDF : 1956331.0/14

All: 61.802 ± 0.011 χ^2/NDF : 4781261.4/29

- sign 63.929 ± 0.016 χ^2/NDF : 2793814.1/14

asym_sam_1357_avg_correction_mean vs Slug



Right In: -32.978 ± 978.436 χ^2/NDF : 0.0/3

Left Out: -165.252 ± 120.186 χ^2/NDF : 27.0/10

Right Out: 1161.429 ± 1071.027 χ^2/NDF : 2.3/4

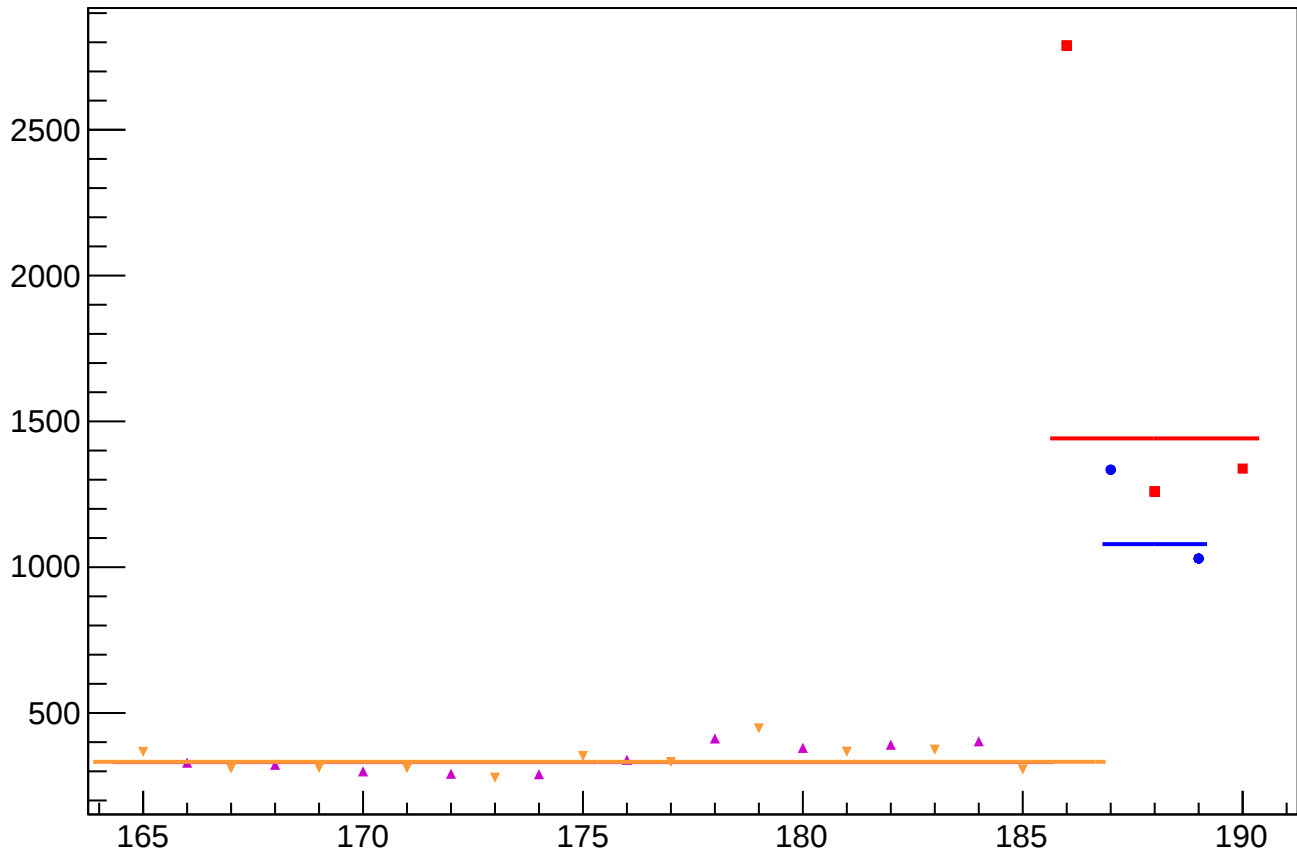
Left In: 0.400 ± 124.518 χ^2/NDF : 12.2/9

+ sign -163.286 ± 119.289 χ^2/NDF : 27.1/14

All: -76.941 ± 85.862 χ^2/NDF : 43.8/29

- sign 15.884 ± 123.685 χ^2/NDF : 15.7/14

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1079.114+/-0.692 χ^2/NDF : 26335.8/3

Left Out: 332.579+/-0.085 χ^2/NDF : 232897.3/10

Right Out: 1441.624+/-0.757 χ^2/NDF : 391187.3/4

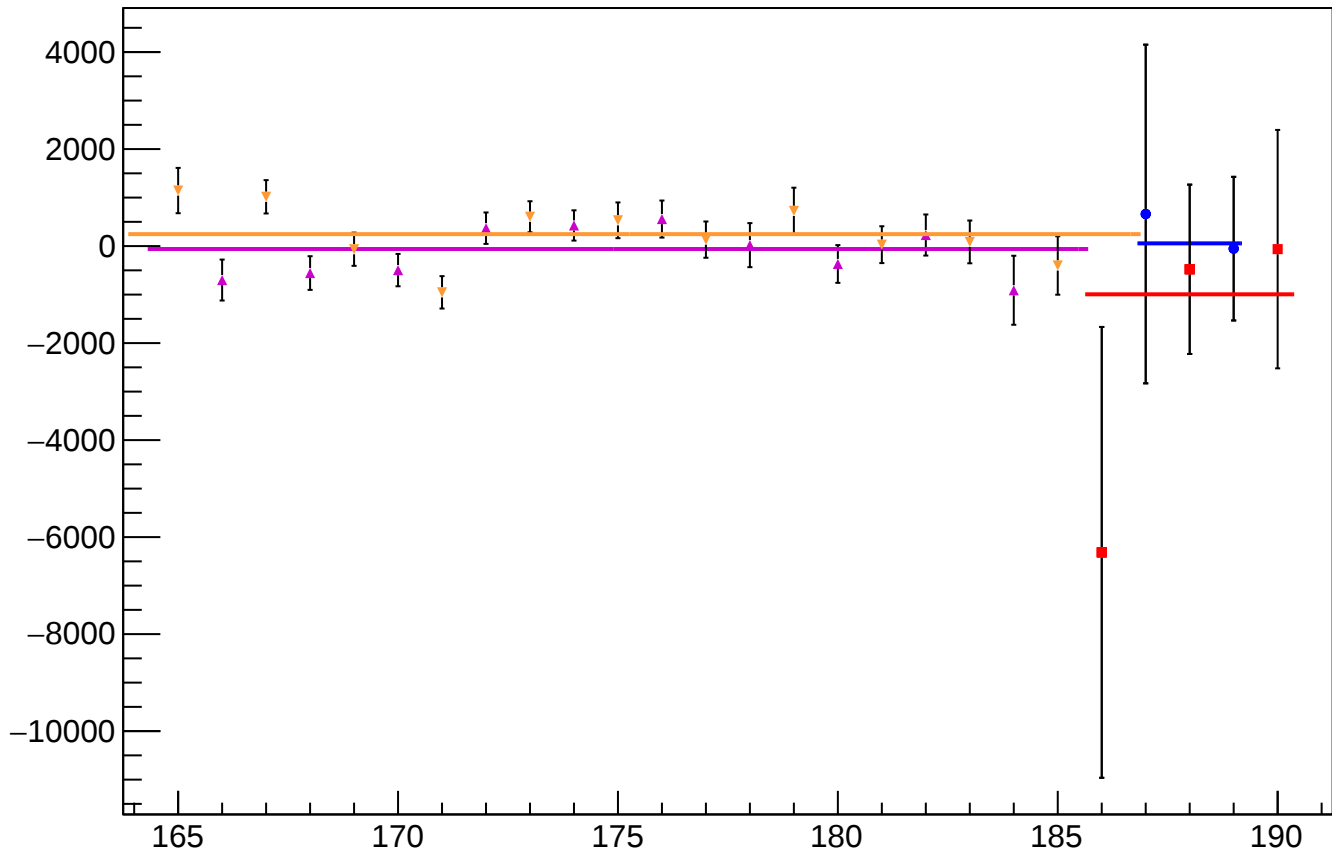
Left In: 331.673+/-0.088 χ^2/NDF : 224367.4/9

+ sign 343.675+/-0.084 χ^2/NDF : 1406231.0/14

All: 345.025+/-0.061 χ^2/NDF : 4141685.4/29

- sign 346.475+/-0.087 χ^2/NDF : 2734923.5/14

asym_sam_1357_avg_mean vs Slug



Right In: 56.117 ± 963.923 $\chi^2/\text{NDF}: 0.1/3$

Left Out: 246.388 ± 116.209 $\chi^2/\text{NDF}: 27.0/10$

Right Out: -994.224 ± 1045.775 $\chi^2/\text{NDF}: 2.9/4$

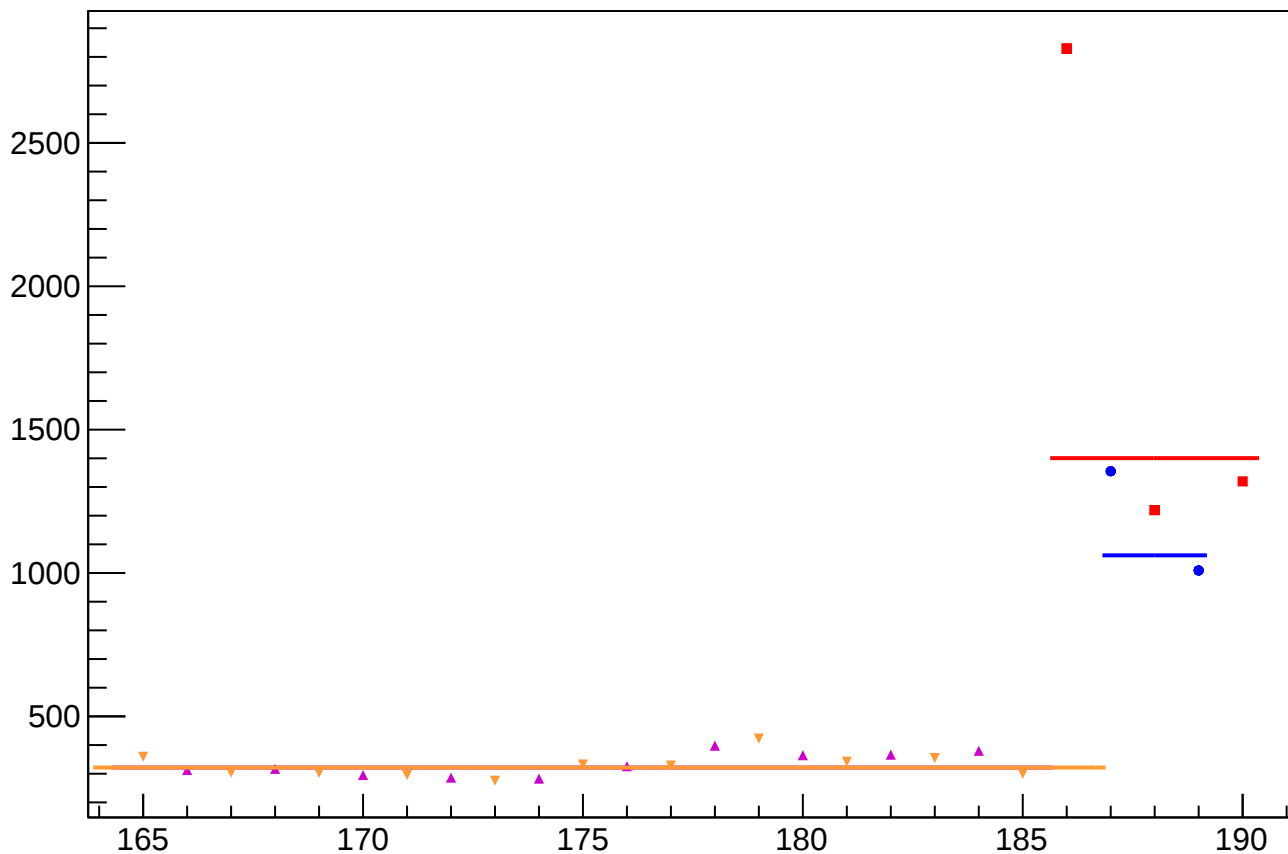
Left In: -60.413 ± 120.761 $\chi^2/\text{NDF}: 15.4/9$

+ sign 243.662 ± 115.373 $\chi^2/\text{NDF}: 27.1/14$

All: 91.649 ± 83.157 $\chi^2/\text{NDF}: 49.9/29$

- sign -72.701 ± 119.964 $\chi^2/\text{NDF}: 19.1/14$

asym_sam_1357_avg_rms vs Slug



Right In: 1061.636 $\pm$ 0.682 χ^2/NDF : 33306.3/3

Left Out: 321.503 $\pm$ 0.082 χ^2/NDF : 188987.4/10

Right Out: 1400.613 $\pm$ 0.739 χ^2/NDF : 423000.1/4

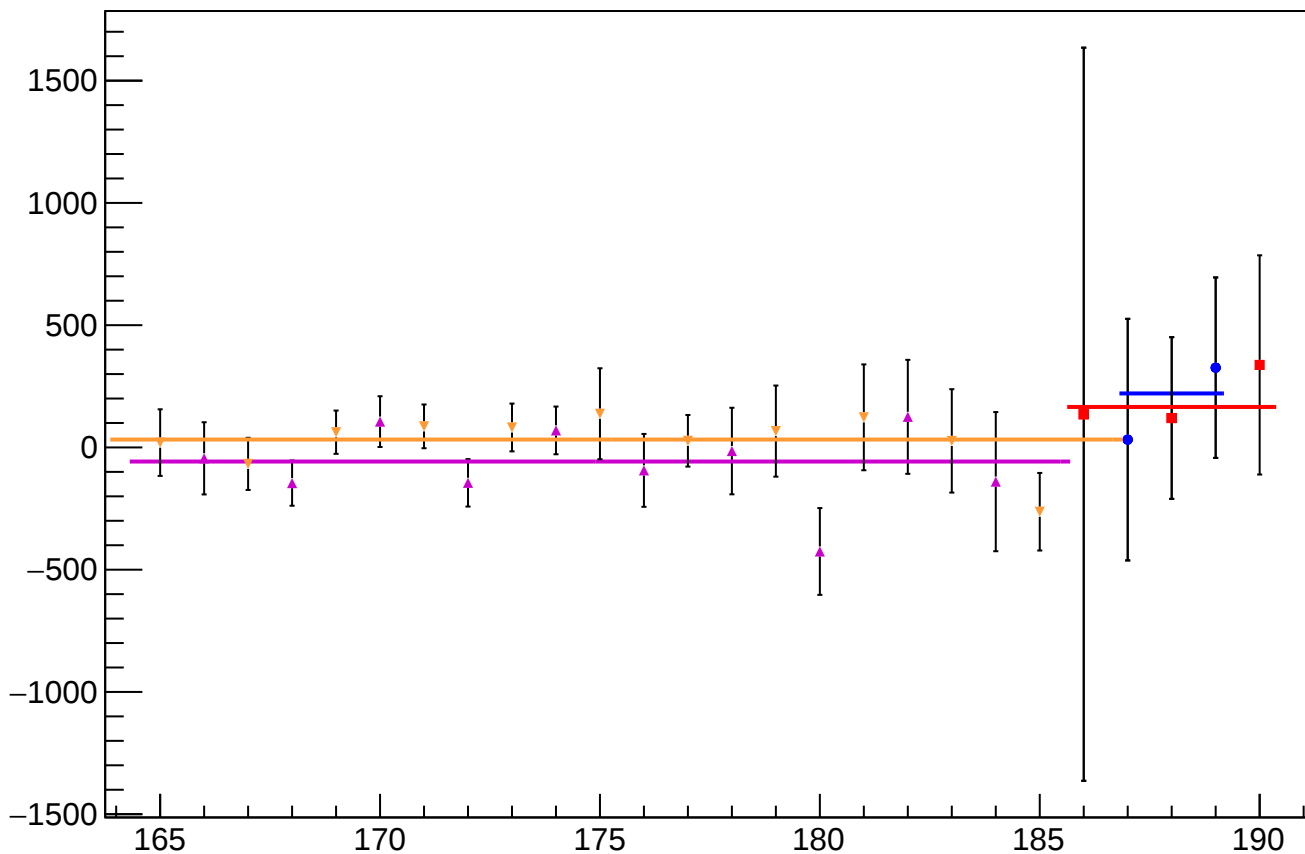
Left In: 321.565 $\pm$ 0.085 χ^2/NDF : 184645.6/9

+ sign 332.106 $\pm$ 0.082 χ^2/NDF : 1384539.5/14

All: 333.864 $\pm$ 0.059 χ^2/NDF : 4094424.1/29

- sign 335.764 $\pm$ 0.085 χ^2/NDF : 2708918.6/14

dit_asym_sam_2468_avg_mean vs Slug



Right In: 220.801 ± 209.060 χ^2/NDF : 0.5/3

Left Out: 32.237 ± 37.008 χ^2/NDF : 5.6/10

Right Out: 165.556 ± 203.421 χ^2/NDF : 0.2/4

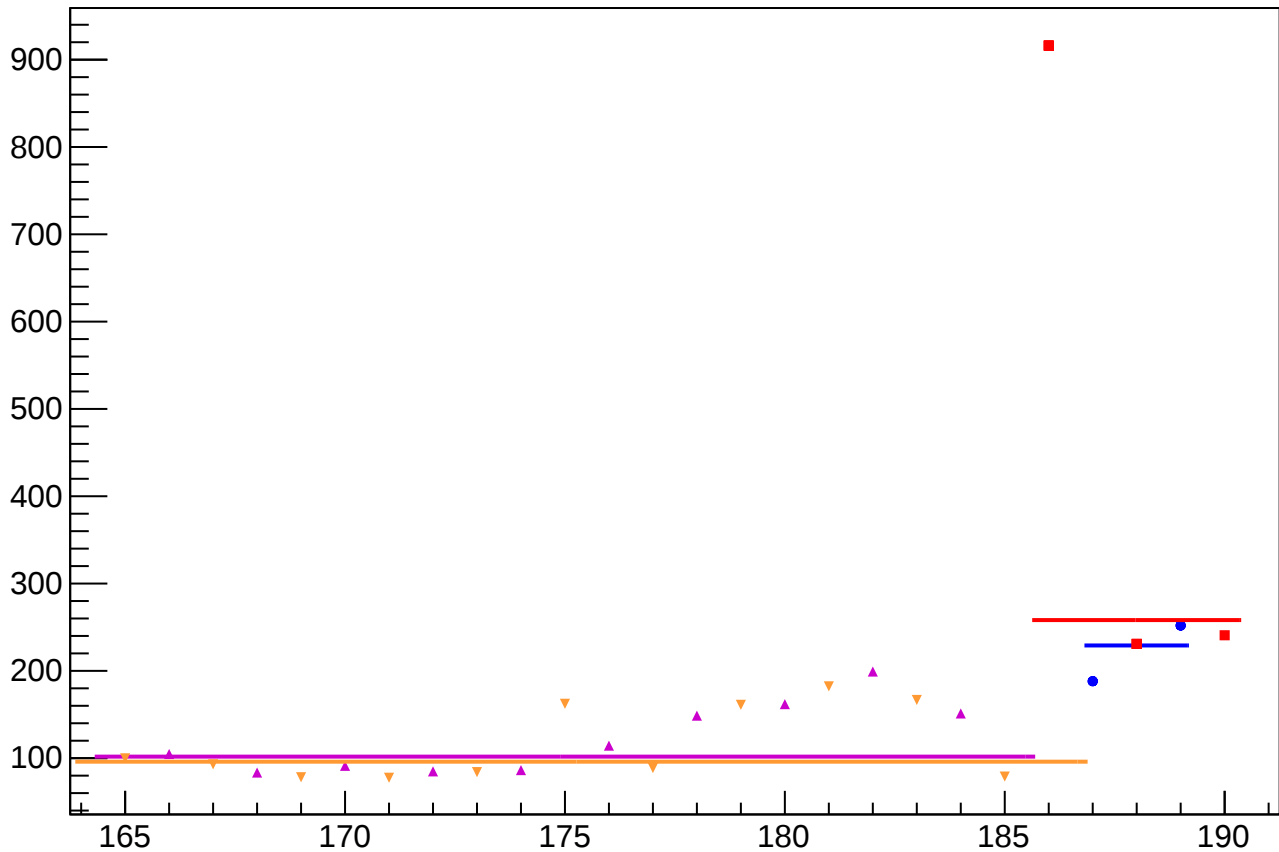
Left In: -57.661 ± 40.625 χ^2/NDF : 11.0/9

+ sign 37.966 ± 36.442 χ^2/NDF : 6.9/14

All: -1.697 ± 26.889 χ^2/NDF : 21.8/29

- sign -49.099 ± 39.838 χ^2/NDF : 12.4/14

dit_asym_sam_2468_avg_rms vs Slug



Right In: 229.098+/-0.148 χ^2/NDF : 42823.2/3

Left Out: 95.989+/-0.026 χ^2/NDF :1270999.9/10

Right Out: 258.165+/-0.144 χ^2/NDF : 800717.9/4

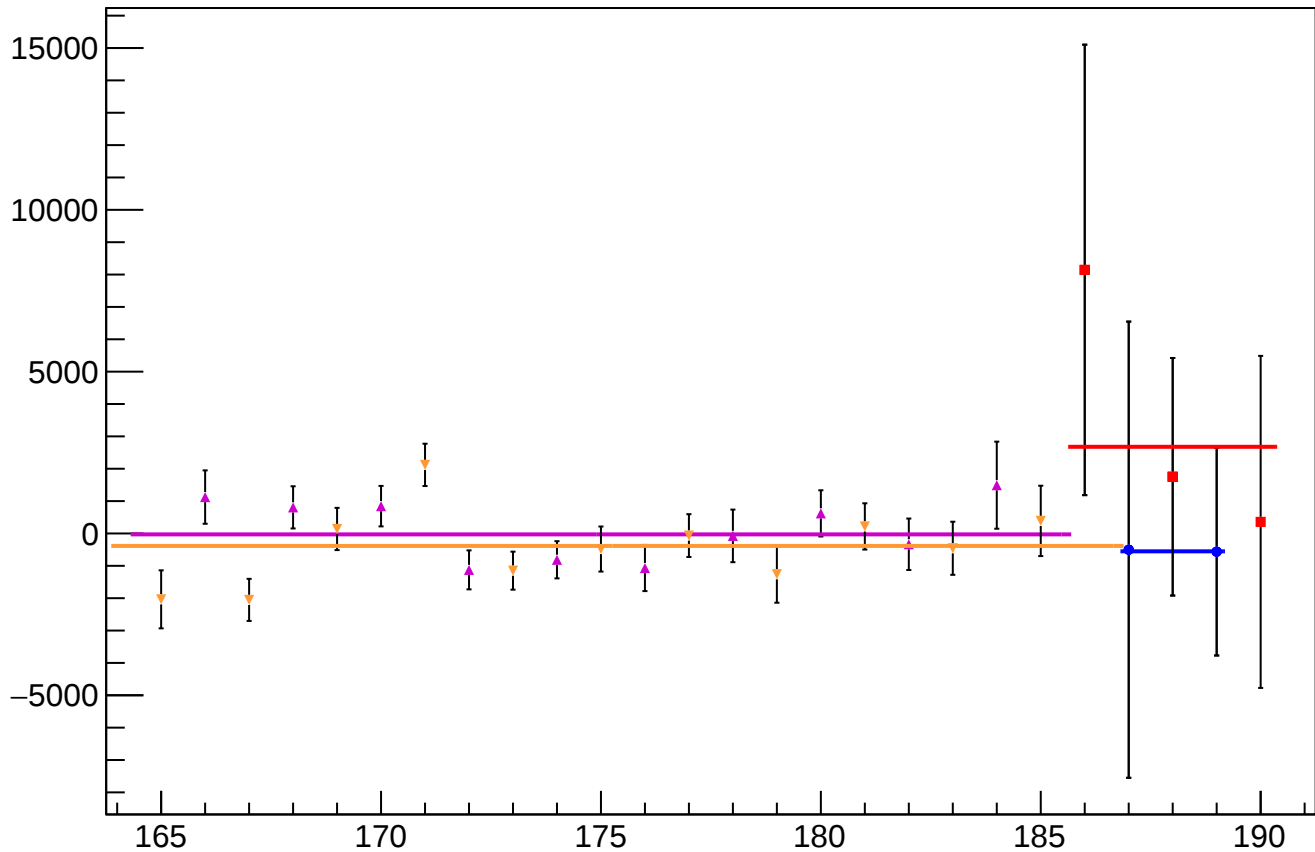
Left In: 101.781+/-0.029 χ^2/NDF :1003841.3/9

+ sign 100.034+/-0.026 χ^2/NDF : 2099966.2/14

All: 103.562+/-0.019 χ^2/NDF : 5082370.6/29

- sign 107.779+/-0.028 χ^2/NDF : 2941250.9/14

asym_sam_2468_avg_correction_mean vs Slug



Right In: -551.984 ± 2064.754 χ^2/NDF : 0.0/3

Left Out: -384.724 ± 217.550 χ^2/NDF : 29.4/10

Right Out: 2678.079 ± 2095.360 χ^2/NDF : 1.6/4

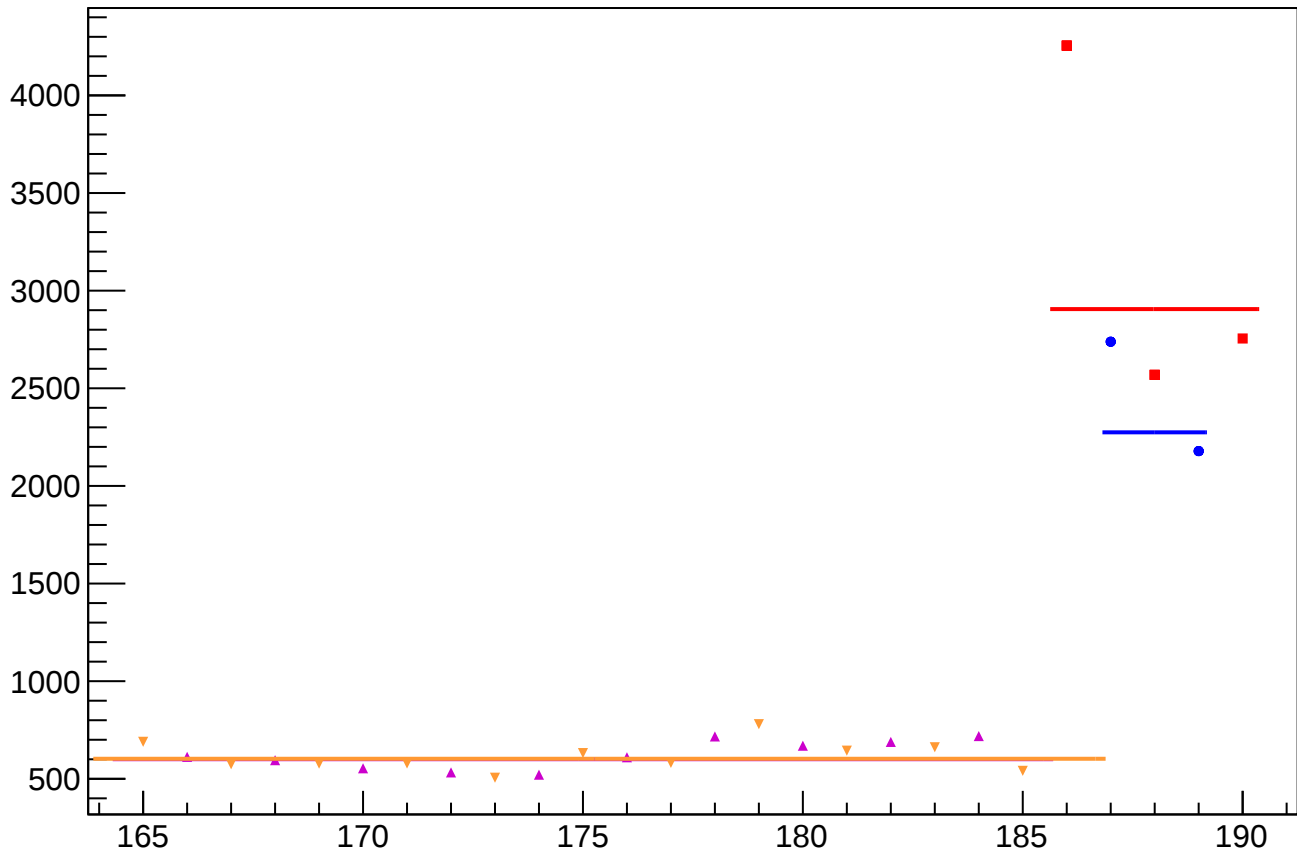
Left In: -28.081 ± 225.012 χ^2/NDF : 15.1/9

+ sign -386.560 ± 216.353 χ^2/NDF : 29.5/14

All: -198.416 ± 155.526 χ^2/NDF : 49.3/29

- sign 2.769 ± 223.725 χ^2/NDF : 18.3/14

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2274.428 ± 1.460 χ^2/NDF : 20940.6/3

Left Out: 602.692 ± 0.154 χ^2/NDF : 192827.6/10

Right Out: 2905.618 ± 1.482 χ^2/NDF : 185720.7/4

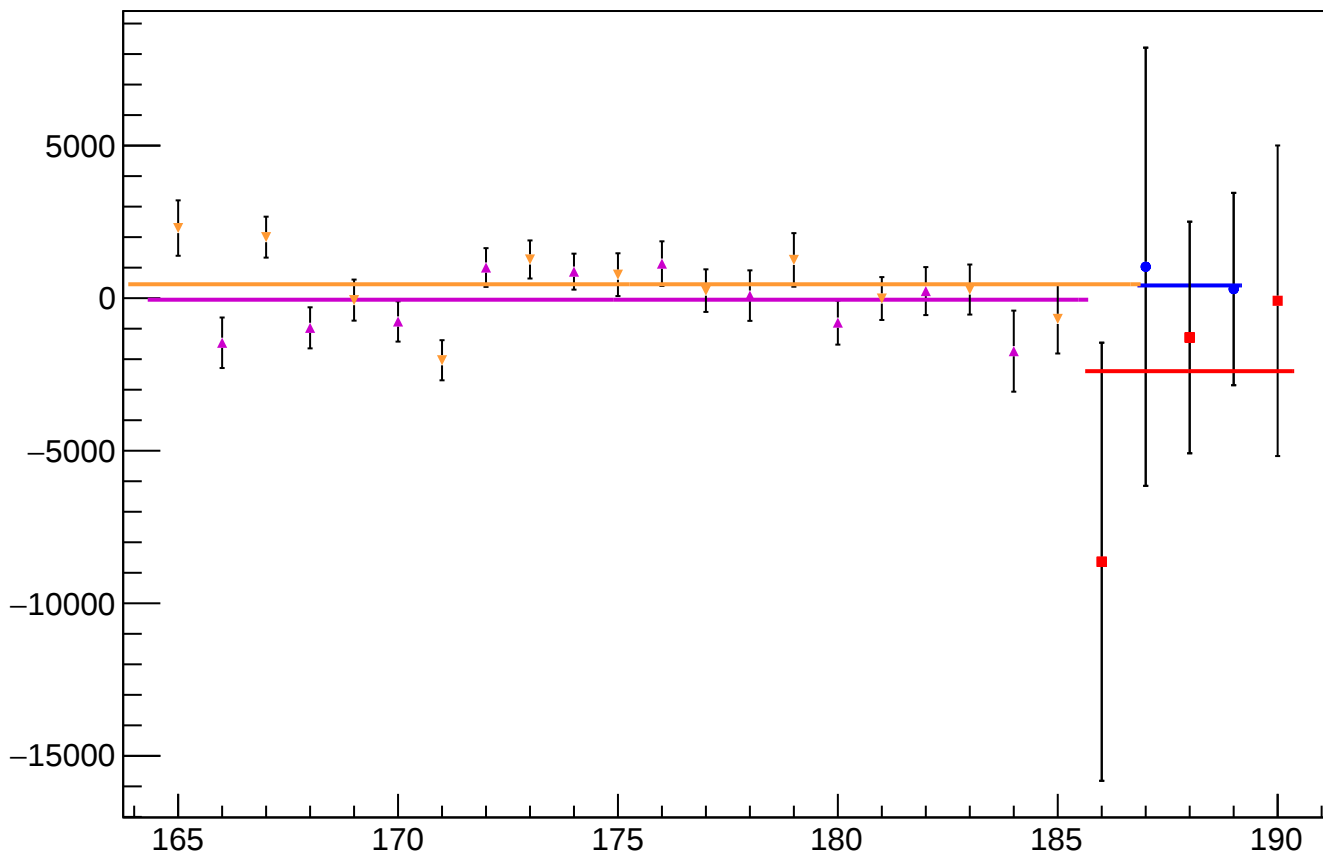
Left In: 600.310 ± 0.159 χ^2/NDF : 175586.0/9

+ sign 621.047 ± 0.153 χ^2/NDF : 1510452.6/14

All: 623.726 ± 0.110 χ^2/NDF : 4265658.7/29

- sign 626.591 ± 0.158 χ^2/NDF : 2754571.3/14

asym_sam_2468_avg_mean vs Slug



Right In: 416.847+/-2040.579 χ^2/NDF : 0.0/3

Left Out: 455.643+/-222.501 χ^2/NDF : 28.7/10

Right Out: -2392.518+/-2150.129 χ^2/NDF : 1.9/4

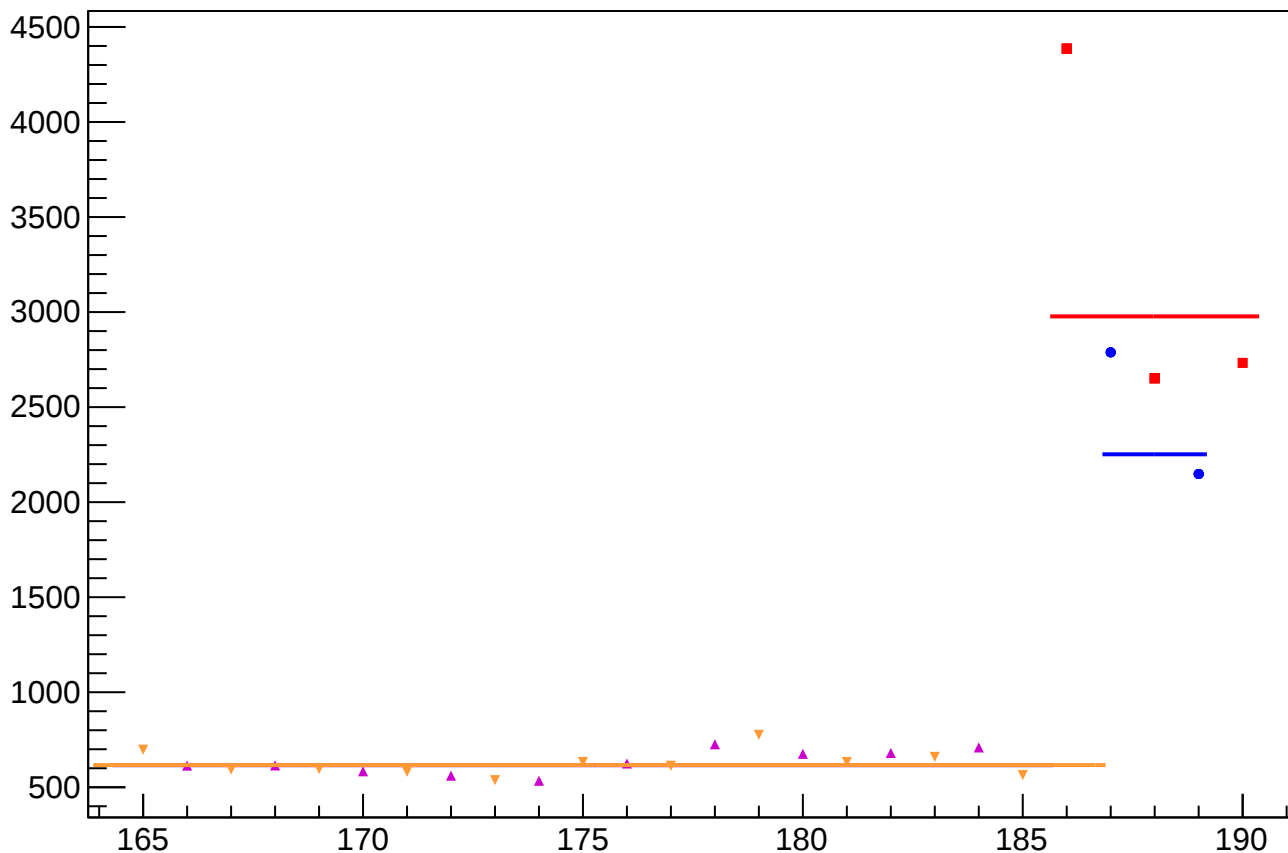
Left In: -50.774+/-230.881 χ^2/NDF : 16.6/9

+ sign 455.187+/-221.190 χ^2/NDF : 28.7/14

All: 198.749+/-159.282 χ^2/NDF : 51.1/29

- sign -77.468+/-229.562 χ^2/NDF : 19.7/14

asym_sam_2468_avg_rms vs Slug



Right In: 2251.736+/-1.443 χ^2/NDF : 26618.9/3

Left Out: 616.687+/-0.157 χ^2/NDF :136278.1/10

Right Out: 2977.323+/-1.520 χ^2/NDF : 188105.0/4

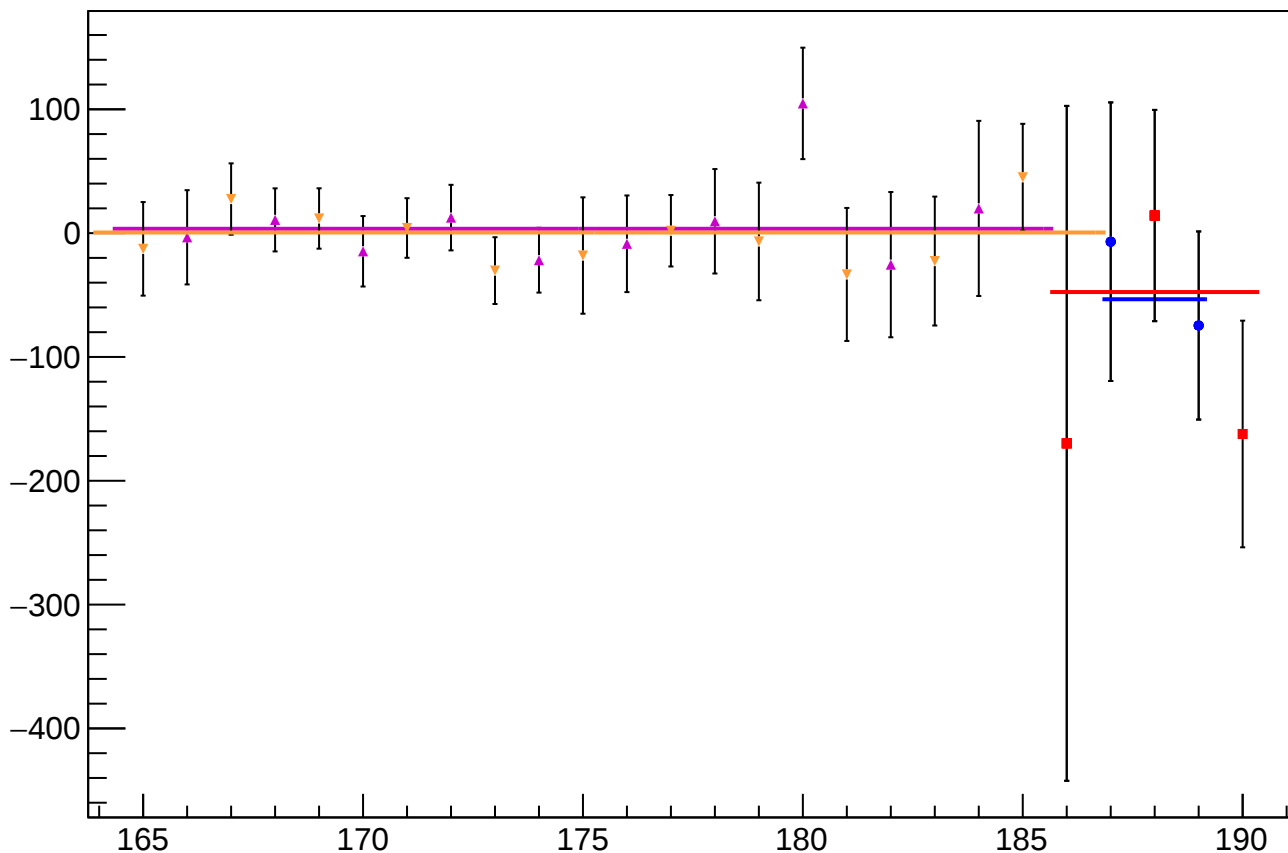
Left In: 616.031+/-0.163 χ^2/NDF :130915.4/9

+ sign 635.898+/-0.156 χ^2/NDF : 1431869.0/14

All: 639.292+/-0.113 χ^2/NDF : 4136499.8/29

- sign 642.947+/-0.162 χ^2/NDF : 2703652.8/14

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -53.407 ± 44.513 $\chi^2/\text{NDF}: 0.5/3$

Left Out: 0.512 ± 9.981 $\chi^2/\text{NDF}: 4.4/10$

Right Out: -47.573 ± 48.730 $\chi^2/\text{NDF}: 3.0/4$

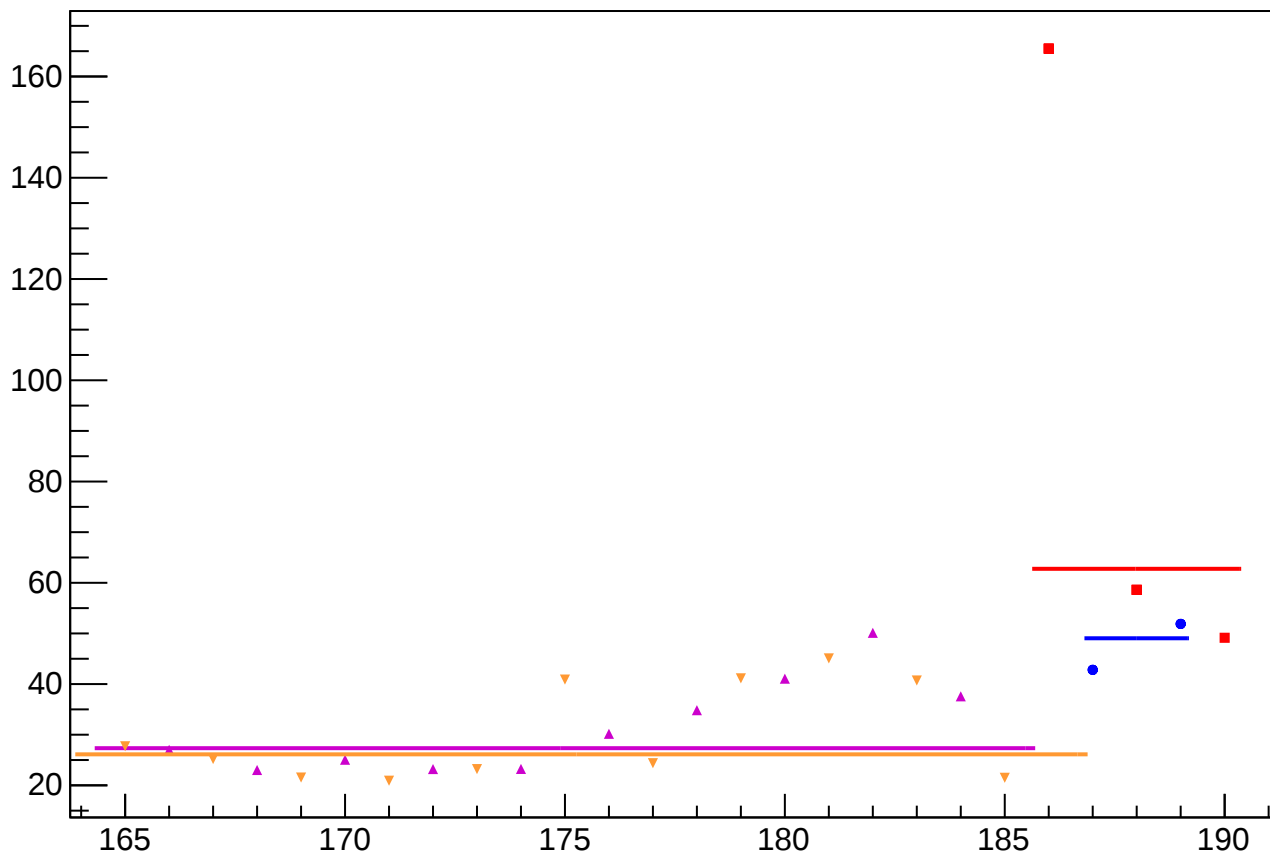
Left In: 3.510 ± 10.811 $\chi^2/\text{NDF}: 7.1/9$

+ sign -2.070 ± 9.739 $\chi^2/\text{NDF}: 6.3/14$

All: -0.606 ± 7.157 $\chi^2/\text{NDF}: 17.4/29$

- sign 1.113 ± 10.554 $\chi^2/\text{NDF}: 11.1/14$

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 49.045 $\pm$ 0.031 χ^2/NDF : 17868.2/3

Left Out: 26.121 $\pm$ 0.007 χ^2/NDF : 1026964.4/10

Right Out: 62.765 $\pm$ 0.034 χ^2/NDF : 622203.5/4

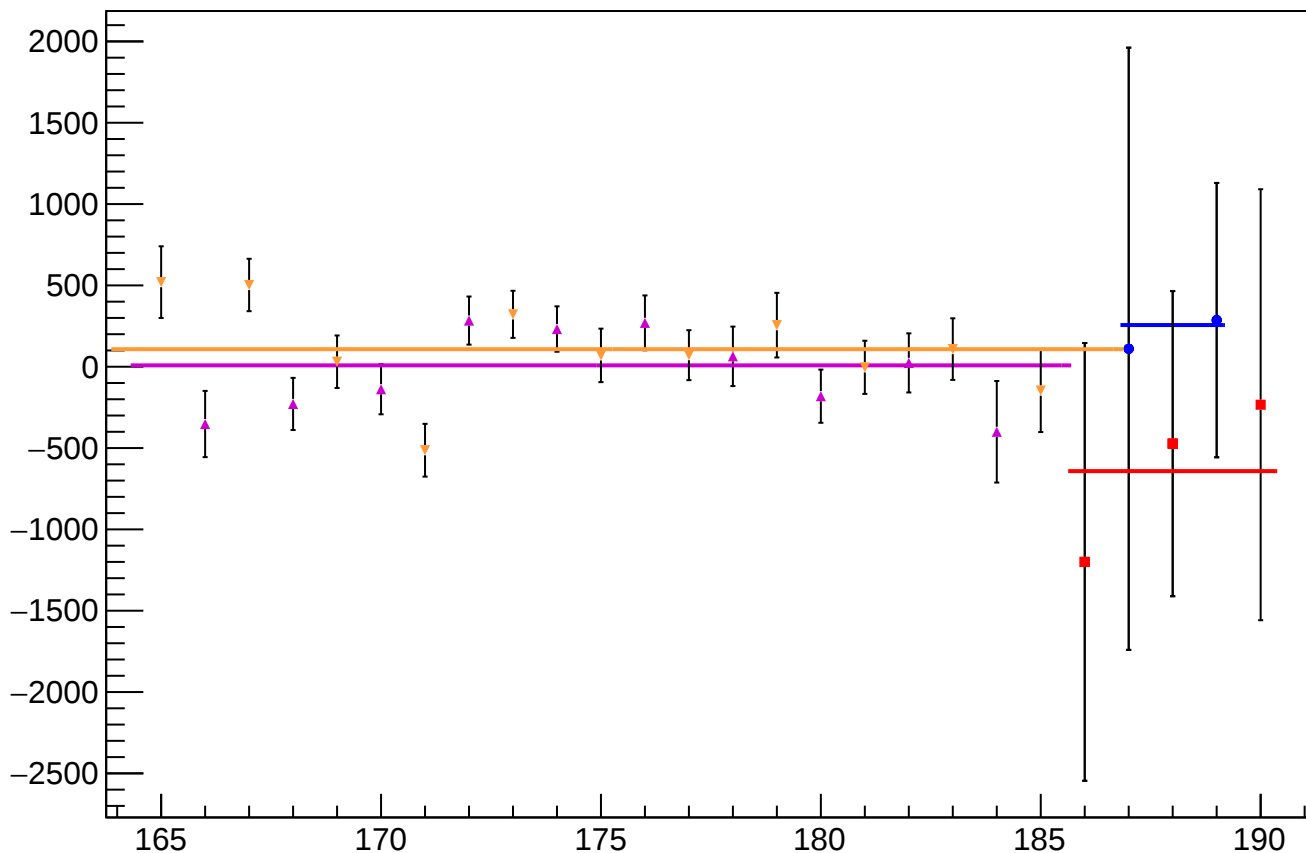
Left In: 27.337 $\pm$ 0.008 χ^2/NDF : 771458.5/9

+ sign 27.219 $\pm$ 0.007 χ^2/NDF : 1549871.2/14

All: 28.038 $\pm$ 0.005 χ^2/NDF : 3981809.8/29

- sign 28.999 $\pm$ 0.007 χ^2/NDF : 2401191.0/14

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 256.272 $\pm$ 542.657 χ^2 /NDF: 0.0/3

Left Out: 107.944 $\pm$ 52.078 χ^2 /NDF:28.7/10

Right Out: -641.768 $\pm$ 503.324 χ^2 /NDF: 0.5/4

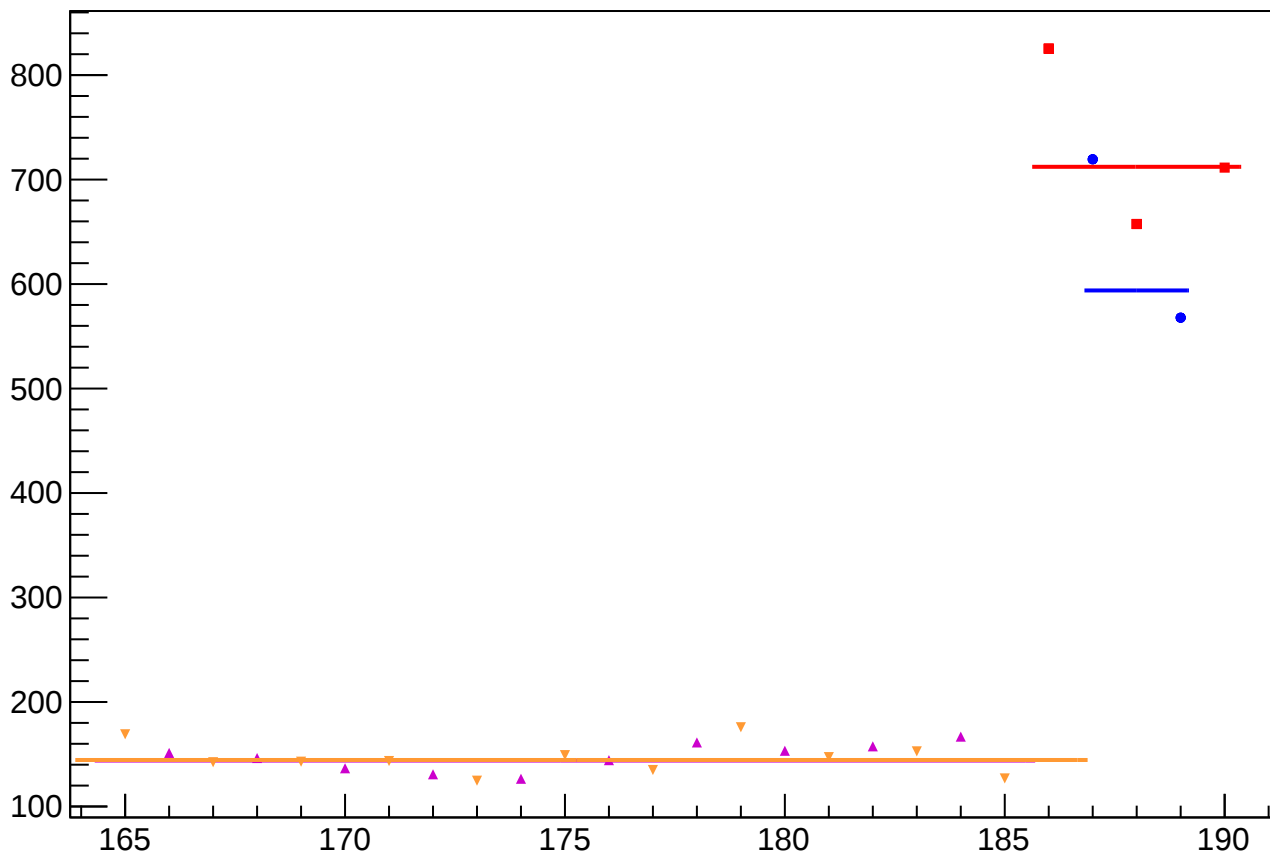
Left In: 8.355 $\pm$ 53.820 χ^2 /NDF:17.8/9

+ sign 109.298 $\pm$ 51.840 χ^2 /NDF: 28.8/14

All: 56.873 $\pm$ 37.234 χ^2 /NDF: 50.9/29

- sign 1.005 $\pm$ 53.515 χ^2 /NDF: 20.0/14

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 593.888 $\pm$ 0.384 χ^2 /NDF: 22203.5/3

Left Out: 144.504 $\pm$ 0.037 χ^2 /NDF:136031.0/10

Right Out: 712.225 $\pm$ 0.356 χ^2 /NDF: 41861.4/4

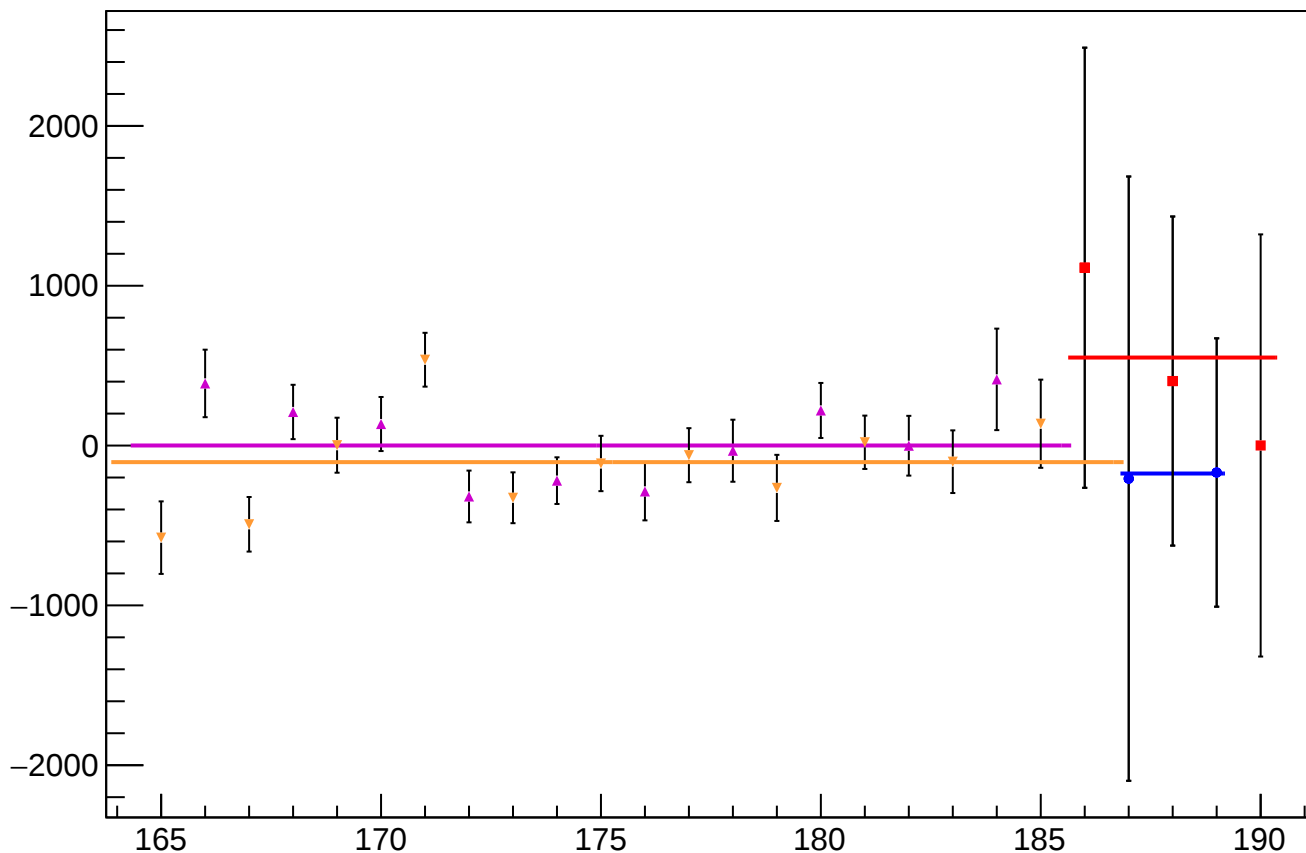
Left In: 143.949 $\pm$ 0.038 χ^2 /NDF:101150.7/9

+ sign 148.605 $\pm$ 0.037 χ^2 /NDF: 1517276.2/14

All: 149.461 $\pm$ 0.026 χ^2 /NDF: 4182077.7/29

- sign 150.373 $\pm$ 0.038 χ^2 /NDF: 2663674.9/14

asym_sam_1357_2468_dd_mean vs Slug



Right In: -174.929 ± 542.595 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -103.665 ± 55.128 $\chi^2/\text{NDF}: 28.3/10$

Right Out: 550.725 ± 533.398 $\chi^2/\text{NDF}: 0.5/4$

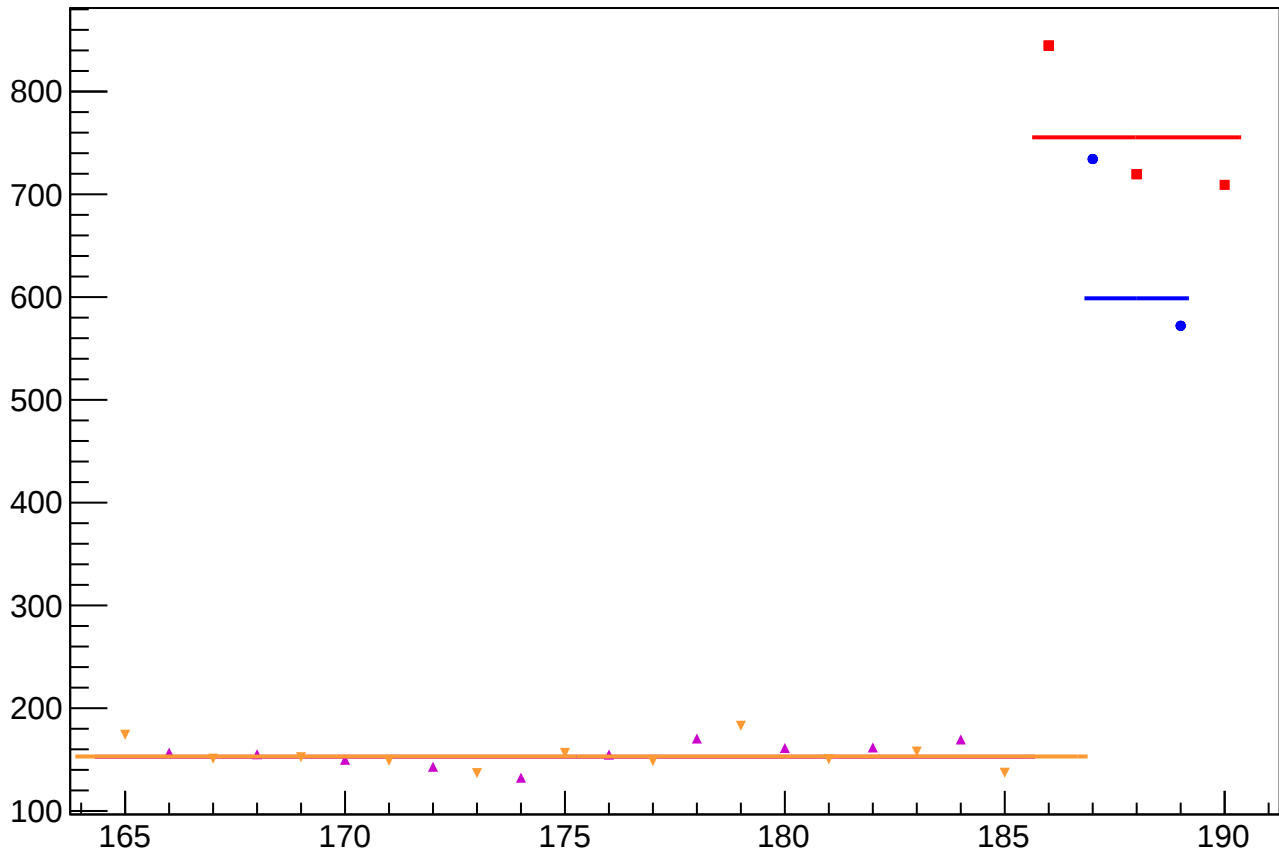
Left In: 0.450 ± 57.138 $\chi^2/\text{NDF}: 17.5/9$

+ sign -104.393 ± 54.845 $\chi^2/\text{NDF}: 28.3/14$

All: -50.808 ± 39.459 $\chi^2/\text{NDF}: 49.5/29$

- sign 6.692 ± 56.813 $\chi^2/\text{NDF}: 19.1/14$

asym_sam_1357_2468_dd_rms vs Slug



Right In: 598.812 $\pm$ 0.384 χ^2 /NDF: 24606.4/3

Left Out: 153.024 $\pm$ 0.039 χ^2 /NDF: 91800.4/10

Right Out: 755.436 $\pm$ 0.377 χ^2 /NDF: 24071.5/4

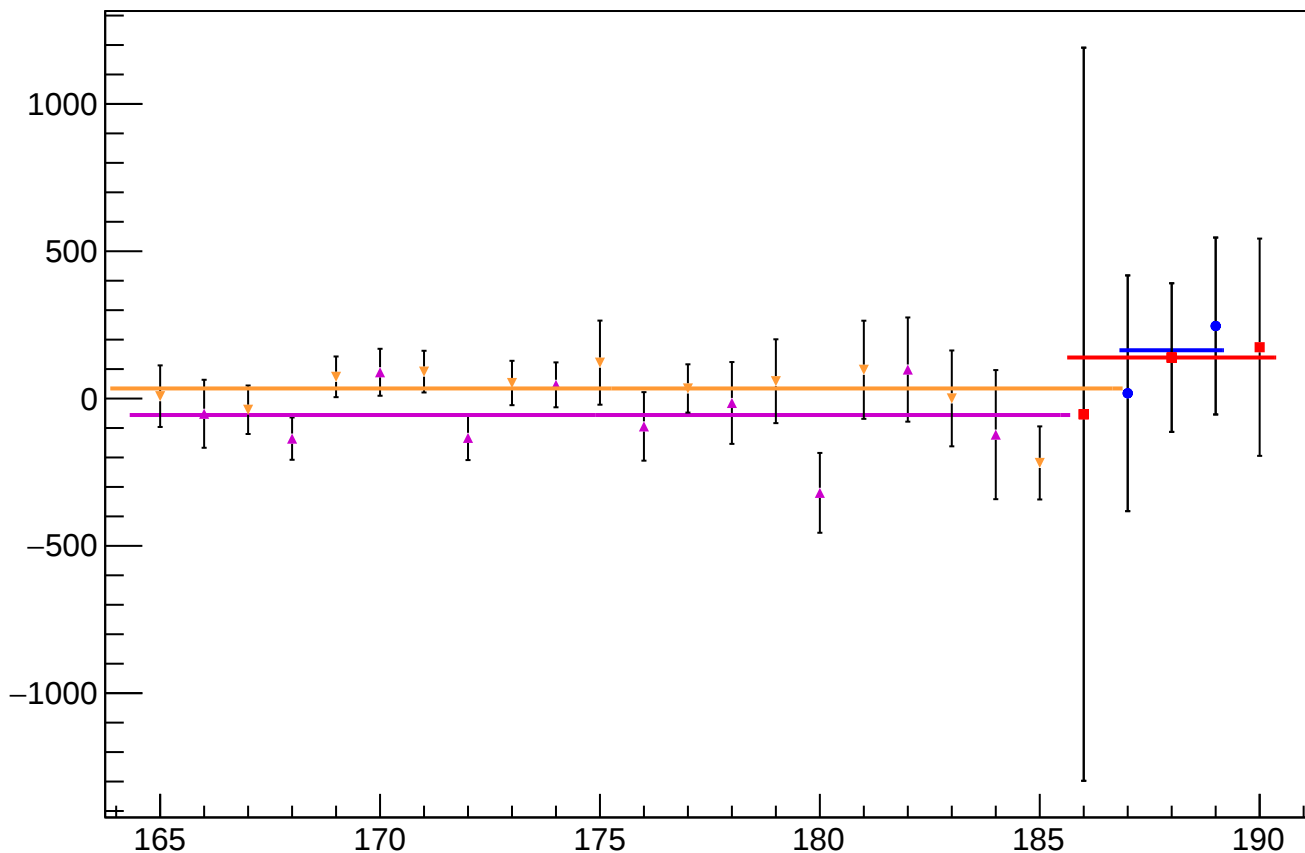
Left In: 152.754 $\pm$ 0.040 χ^2 /NDF: 80168.6/9

+ sign 157.579 $\pm$ 0.039 χ^2 /NDF: 1452619.0/14

All: 158.550 $\pm$ 0.028 χ^2 /NDF: 4082501.9/29

- sign 159.592 $\pm$ 0.040 χ^2 /NDF: 2628583.5/14

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 163.949 ± 169.821 χ^2/NDF : 0.4/3

Left Out: 34.261 ± 28.734 χ^2/NDF : 6.6/10

Right Out: 139.338 ± 157.963 χ^2/NDF : 0.1/4

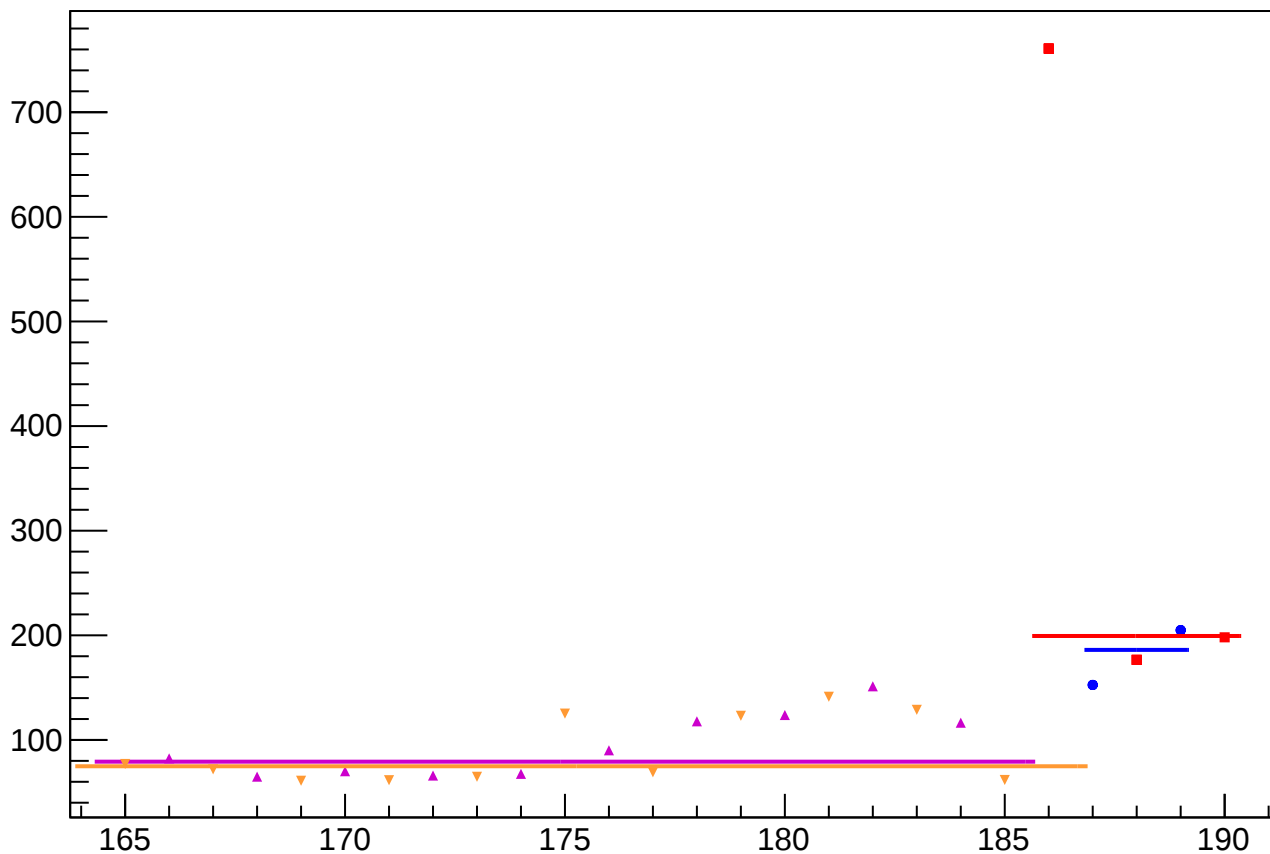
Left In: -55.862 ± 31.502 χ^2/NDF : 12.3/9

+ sign 37.870 ± 28.331 χ^2/NDF : 7.6/14

All: -1.537 ± 20.880 χ^2/NDF : 25.6/29

- sign -48.396 ± 30.894 χ^2/NDF : 13.8/14

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 186.076 $\pm$ 0.120 χ^2 /NDF: 43801.2/3

Left Out: 74.842 $\pm$ 0.020 χ^2 /NDF:1239508.6/10

Right Out: 199.370 $\pm$ 0.112 χ^2 /NDF: 847118.2/4

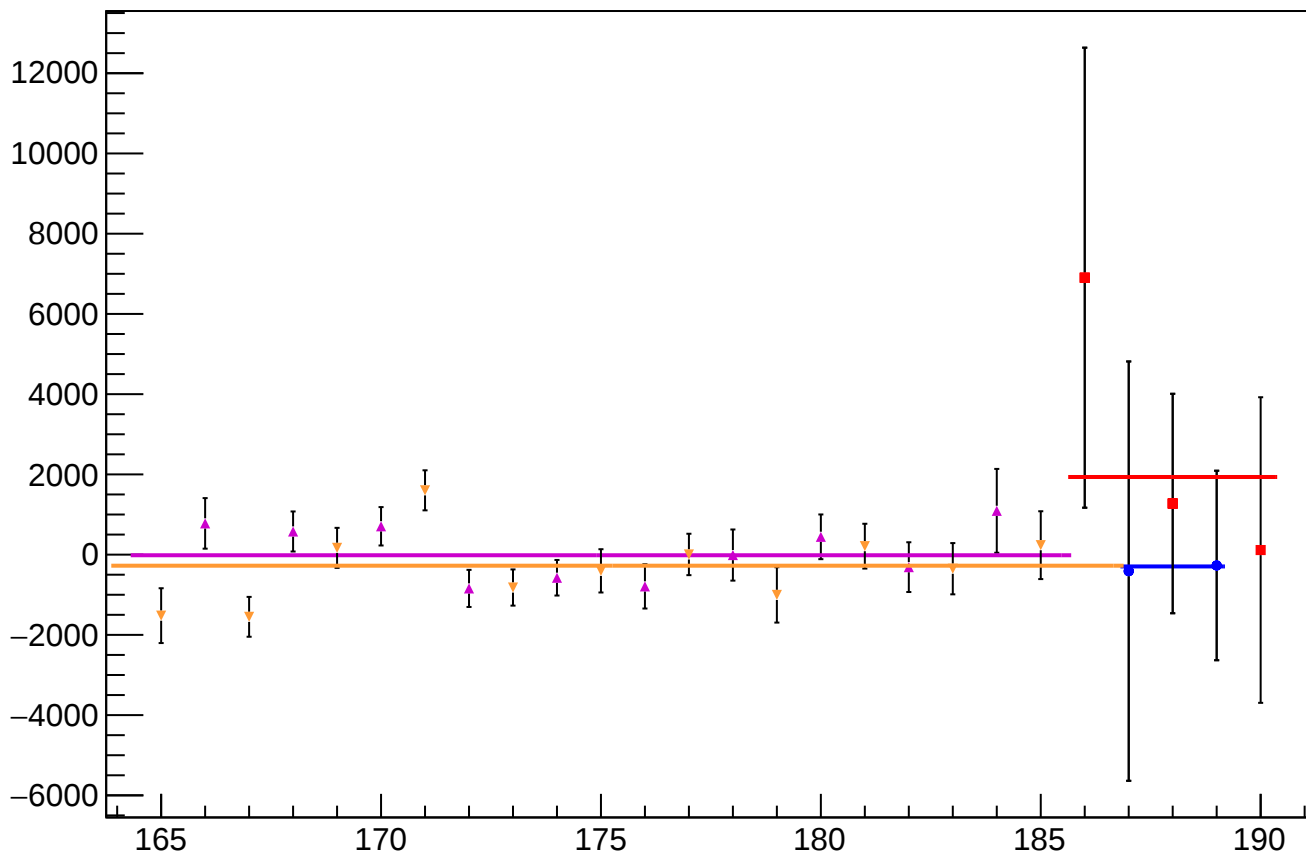
Left In: 79.238 $\pm$ 0.022 χ^2 /NDF:993908.8/9

+ sign 77.938 $\pm$ 0.020 χ^2 /NDF: 2117501.2/14

All: 80.631 $\pm$ 0.015 χ^2 /NDF: 5110578.1/29

- sign 83.833 $\pm$ 0.022 χ^2 /NDF: 2953518.9/14

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -294.174+/-1521.863 χ^2/NDF : 0.0/3

Left Out: -275.615+/-167.843 χ^2/NDF : 28.9/10

Right Out: 1935.373+/-1586.901 χ^2/NDF : 1.8/4

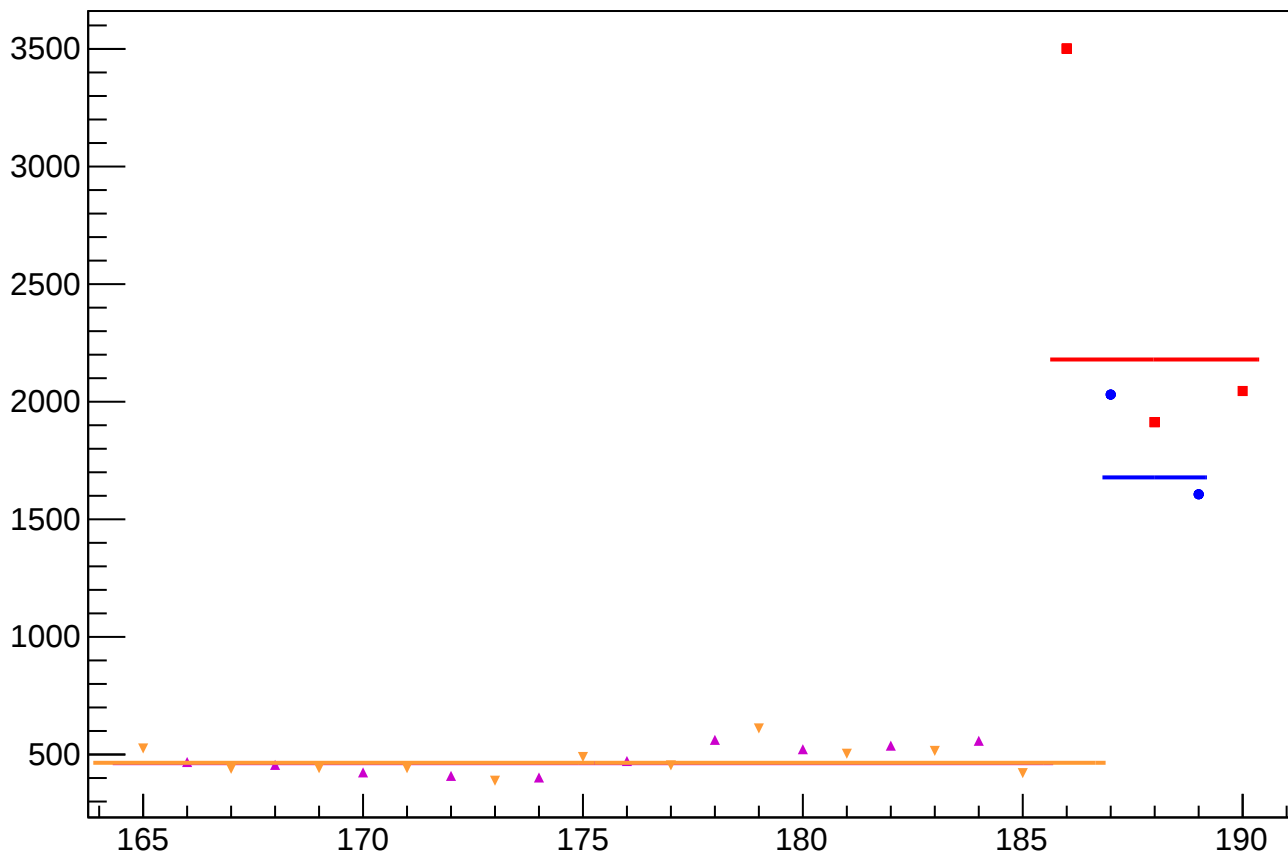
Left In: -15.217+/-173.682 χ^2/NDF : 14.1/9

+ sign -275.838+/-166.831 χ^2/NDF : 28.9/14

All: -138.845+/-119.972 χ^2/NDF : 47.8/29

- sign 7.872+/-172.651 χ^2/NDF : 17.4/14

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1678.244 $\pm$ 1.076 χ^2/NDF : 21878.5/3

Left Out: 464.772 $\pm$ 0.119 χ^2/NDF : 209192.3/10

Right Out: 2179.554 $\pm$ 1.122 χ^2/NDF : 252993.6/4

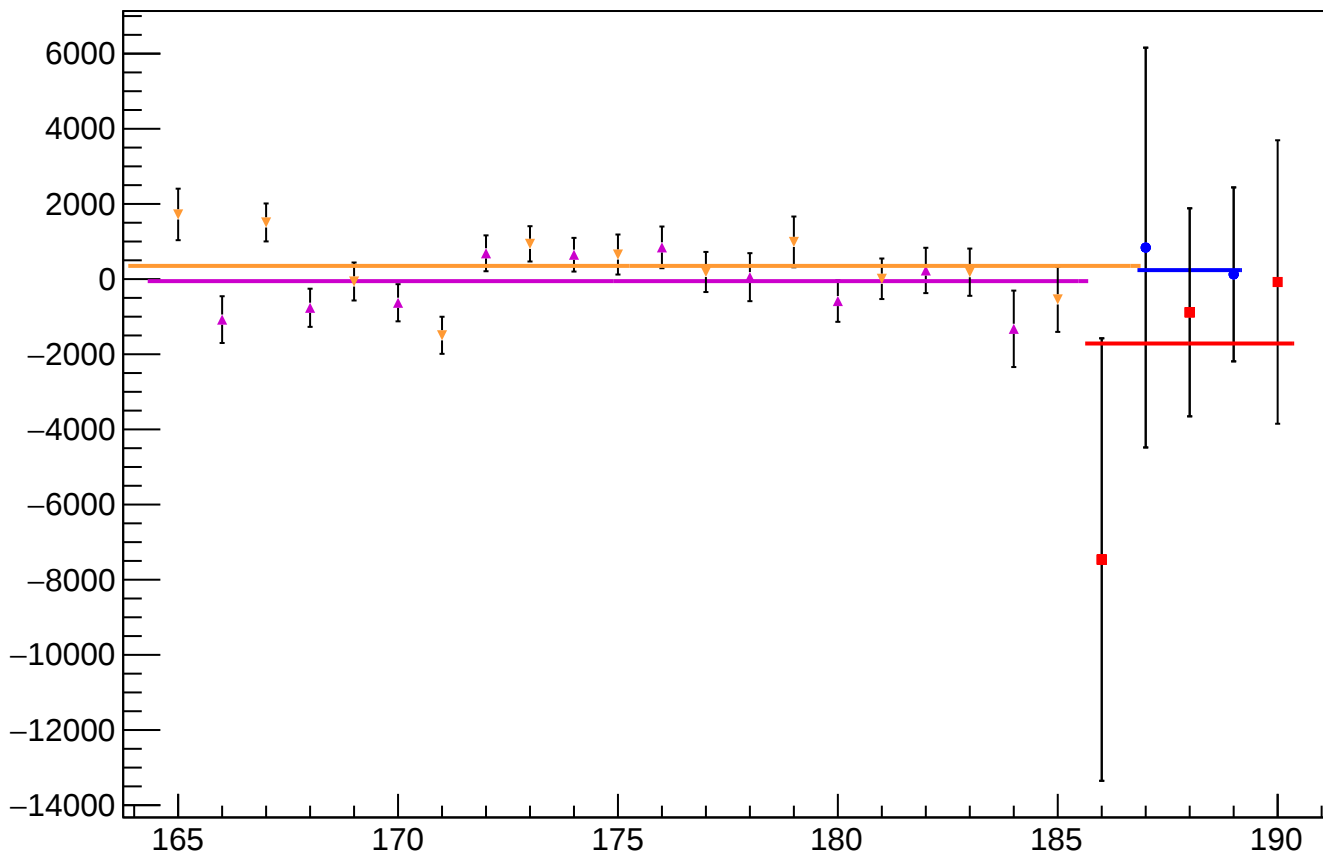
Left In: 463.057 $\pm$ 0.123 χ^2/NDF : 196100.0/9

+ sign 479.354 $\pm$ 0.118 χ^2/NDF : 1487355.6/14

All: 481.296 $\pm$ 0.085 χ^2/NDF : 4249315.1/29

- sign 483.375 $\pm$ 0.122 χ^2/NDF : 2761398.5/14

asym_sam_12345678_avg_mean vs Slug



Right In: 238.964 $\pm$ 1500.796 χ^2 /NDF: 0.0/3

Left Out: 351.321 $\pm$ 168.711 χ^2 /NDF:28.3/10

Right Out: -1714.153 $\pm$ 1603.444 χ^2 /NDF: 2.3/4

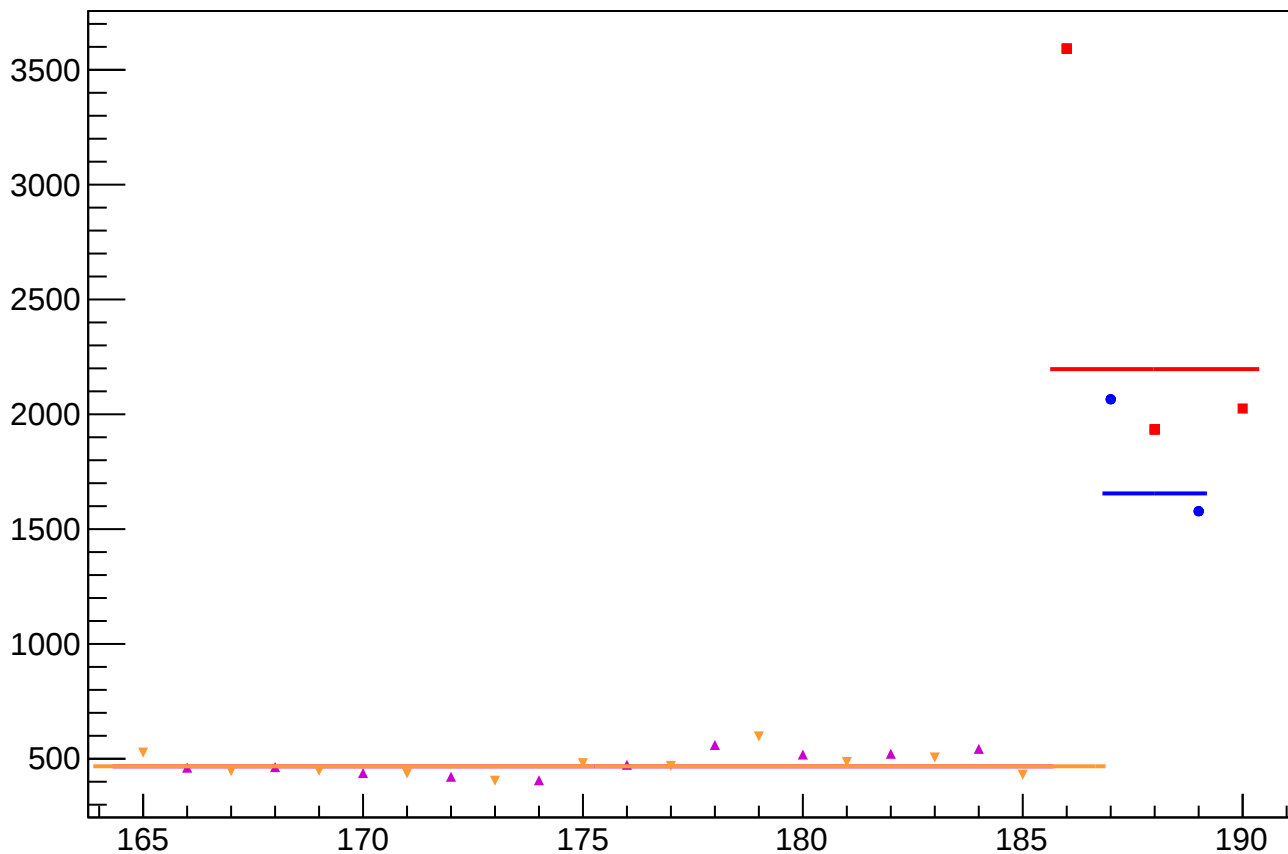
Left In: -53.966 $\pm$ 175.148 χ^2 /NDF:16.2/9

+ sign 349.919 $\pm$ 167.655 χ^2 /NDF: 28.4/14

All: 146.186 $\pm$ 120.768 χ^2 /NDF: 51.0/29

- sign -73.541 $\pm$ 174.112 χ^2 /NDF: 19.6/14

asym_sam_12345678_avg_rms vs Slug



Right In: 1655.429+/-1.061 χ^2 /NDF: 28249.8/3

Left Out: 467.319+/-0.119 χ^2 /NDF: 154005.6/10

Right Out: 2196.659+/-1.134 χ^2 /NDF: 264804.4/4

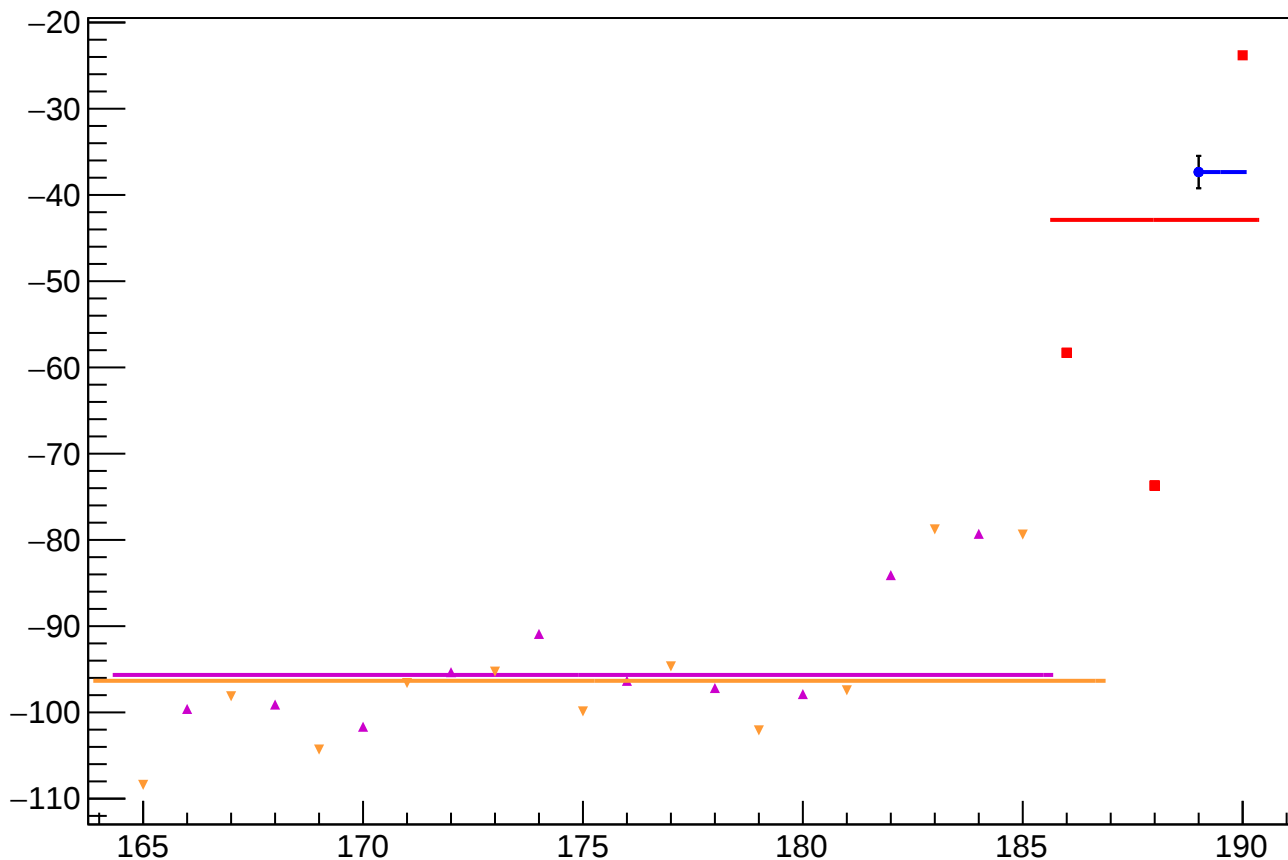
Left In: 466.999+/-0.124 χ^2 /NDF: 149372.7/9

+ sign 482.146+/-0.119 χ^2 /NDF: 1420043.4/14

All: 484.670+/-0.085 χ^2 /NDF: 4134978.7/29

- sign 487.394+/-0.123 χ^2 /NDF: 2713992.5/14

dit_usl_4aX_slope vs Slug



Right In: -37.345 $\pm$ 1.327 χ^2 /NDF: 0.0/1

Left Out: -96.336 $\pm$ 0.068 χ^2 /NDF:12681.0/10

Right Out: -42.892 $\pm$ 0.055 χ^2 /NDF: 177909.4/4

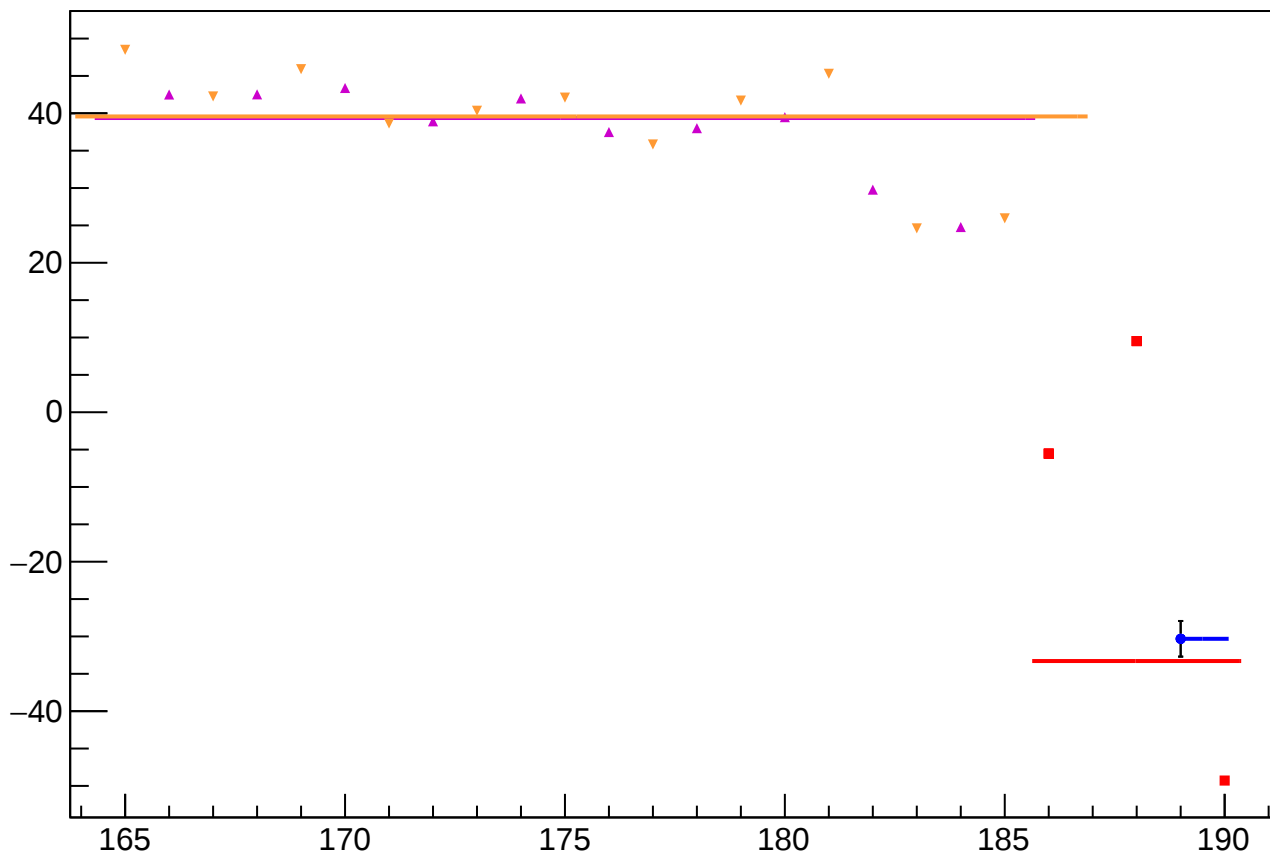
Left In: -95.655 $\pm$ 0.058 χ^2 /NDF:10270.5/9

+ sign -96.182 $\pm$ 0.068 χ^2 /NDF: 14652.7/12

All: -75.095 $\pm$ 0.034 χ^2 /NDF: 766502.9/27

- sign -67.718 $\pm$ 0.040 χ^2 /NDF: 620850.2/14

dit_usl_4eX_slope vs Slug



Right In: -30.317 ± 1.686 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 39.579 ± 0.058 $\chi^2/\text{NDF}: 12983.2/10$

Right Out: -33.292 ± 0.027 $\chi^2/\text{NDF}: 809225.1/4$

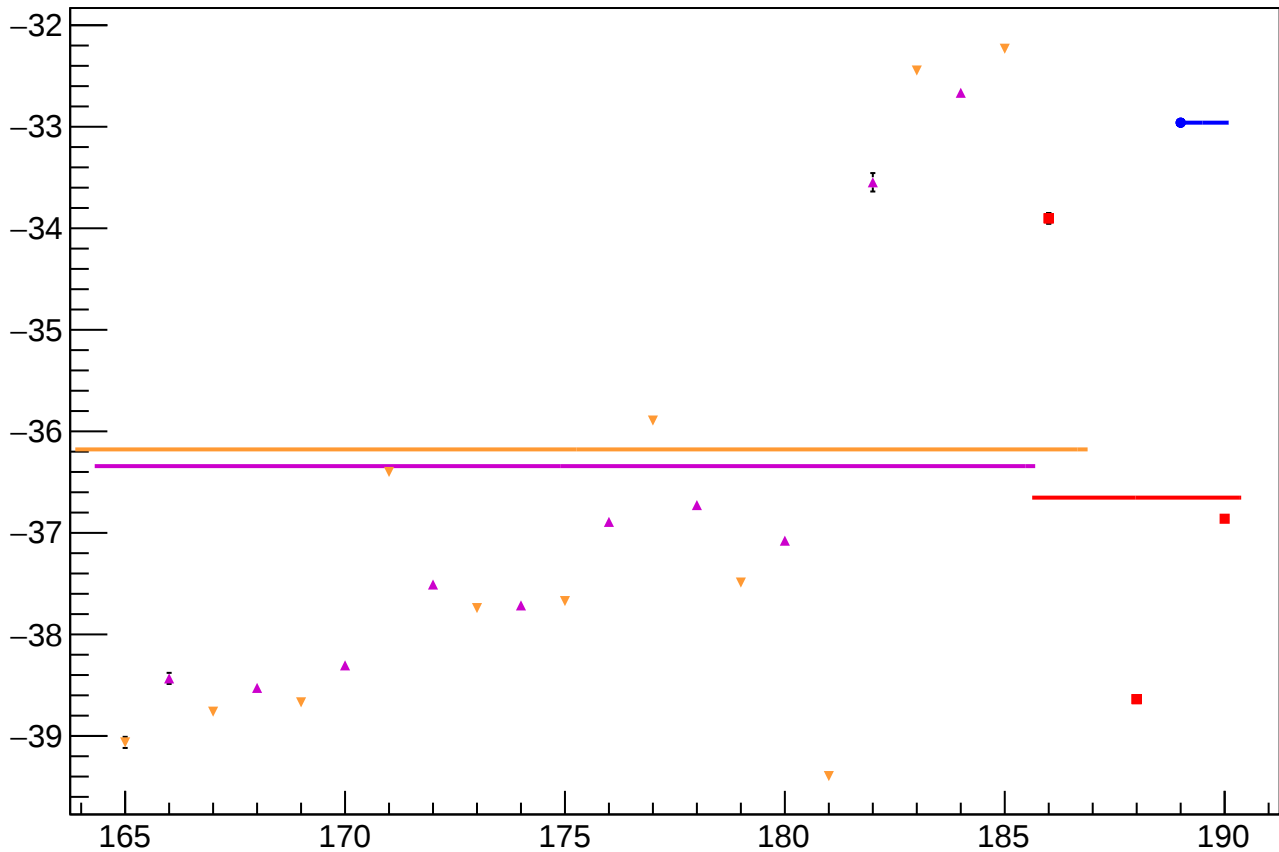
Left In: 39.370 ± 0.051 $\chi^2/\text{NDF}: 10305.2/9$

+ sign 39.496 ± 0.058 $\chi^2/\text{NDF}: 14699.1/12$

All: -8.744 ± 0.022 $\chi^2/\text{NDF}: 3205475.9/27$

- sign -17.121 ± 0.024 $\chi^2/\text{NDF}: 2380381.7/14$

dit_usl_11X12X_slope vs Slug



Right In: -32.960 +/- 0.023 χ^2/NDF : 0.0/1

Left Out: -36.178 +/- 0.008 χ^2/NDF : 145043.3/10

Right Out: -36.653 +/- 0.020 χ^2/NDF : 9300.3/4

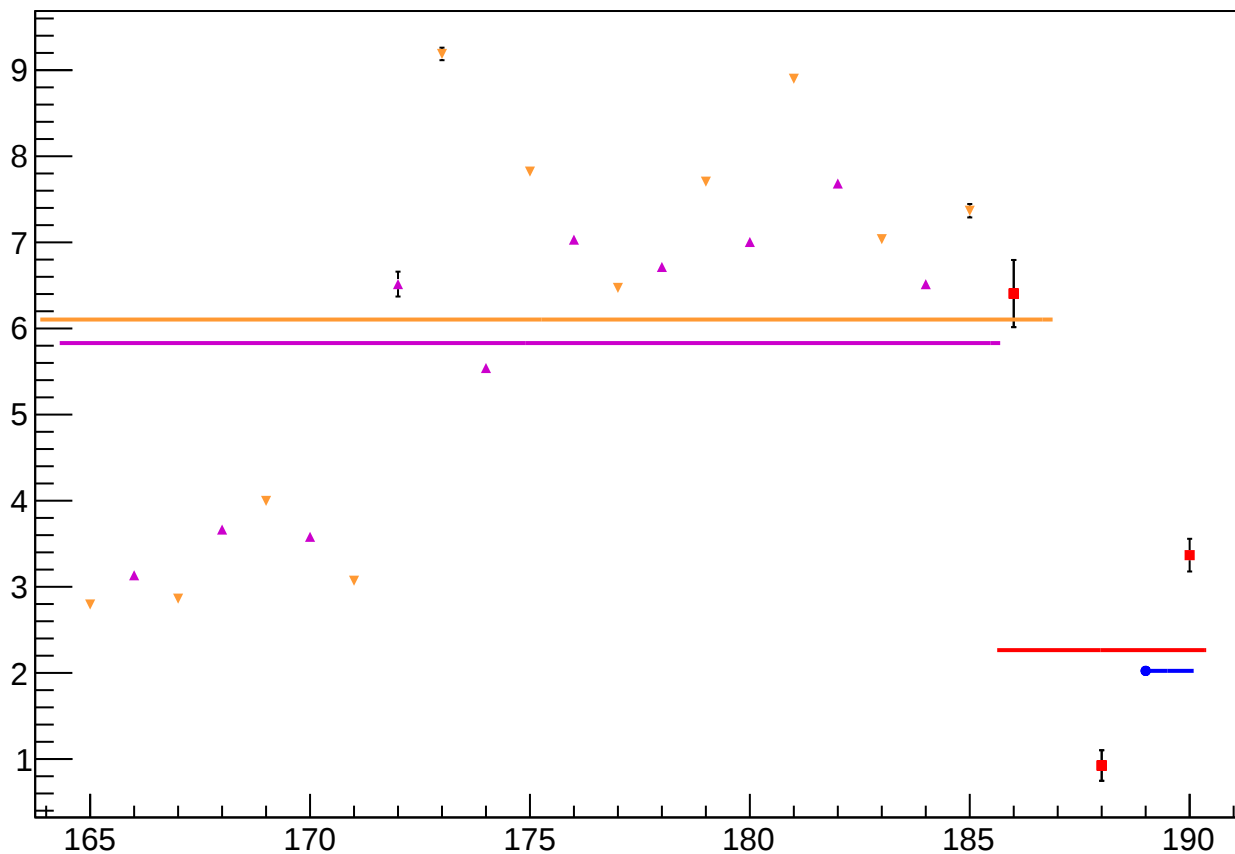
Left In: -36.342 +/- 0.009 χ^2/NDF : 55803.4/9

+ sign -35.850 +/- 0.007 χ^2/NDF : 162460.6/12

All: -36.094 +/- 0.005 χ^2/NDF : 230204.0/27

- sign -36.395 +/- 0.008 χ^2/NDF : 65304.5/14

dit_usl_4aY_slope vs Slug



Right In: 2.024 ± 0.021 χ^2/NDF : 0.0/1

Left Out: 6.104 ± 0.010 χ^2/NDF : 46076.7/10

Right Out: 2.265 ± 0.098 χ^2/NDF : 373.3/4

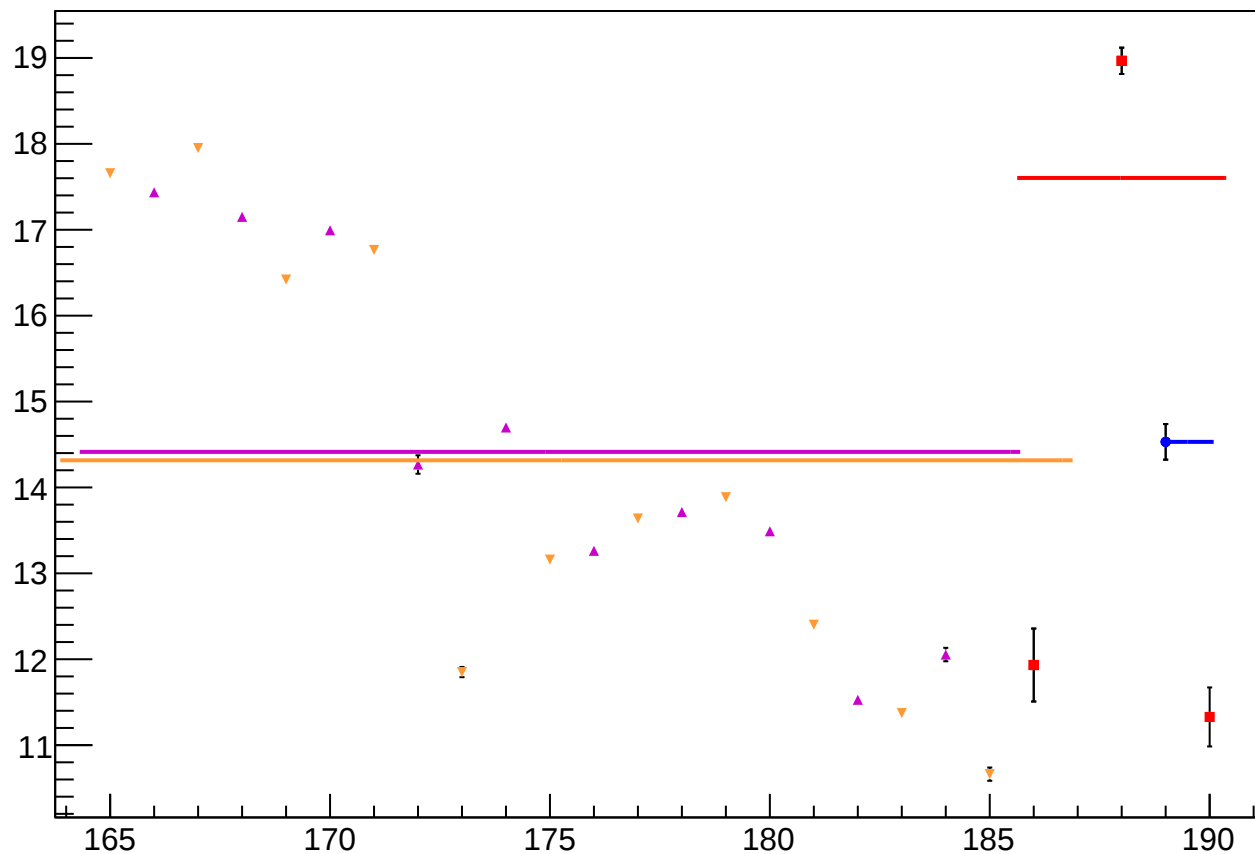
Left In: 5.831 ± 0.008 χ^2/NDF : 19784.4/9

+ sign 5.308 ± 0.009 χ^2/NDF : 76008.1/12

All: 5.594 ± 0.006 χ^2/NDF : 99122.9/27

- sign 5.807 ± 0.008 χ^2/NDF : 21476.1/14

dit_usl_4eY_slope vs Slug



Right In: 14.531 $\pm$ 0.147 χ^2 /NDF: 0.0/1

Left Out: 14.316 $\pm$ 0.011 χ^2 /NDF:32077.7/10

Right Out: 17.603 $\pm$ 0.098 χ^2 /NDF: 848.5/4

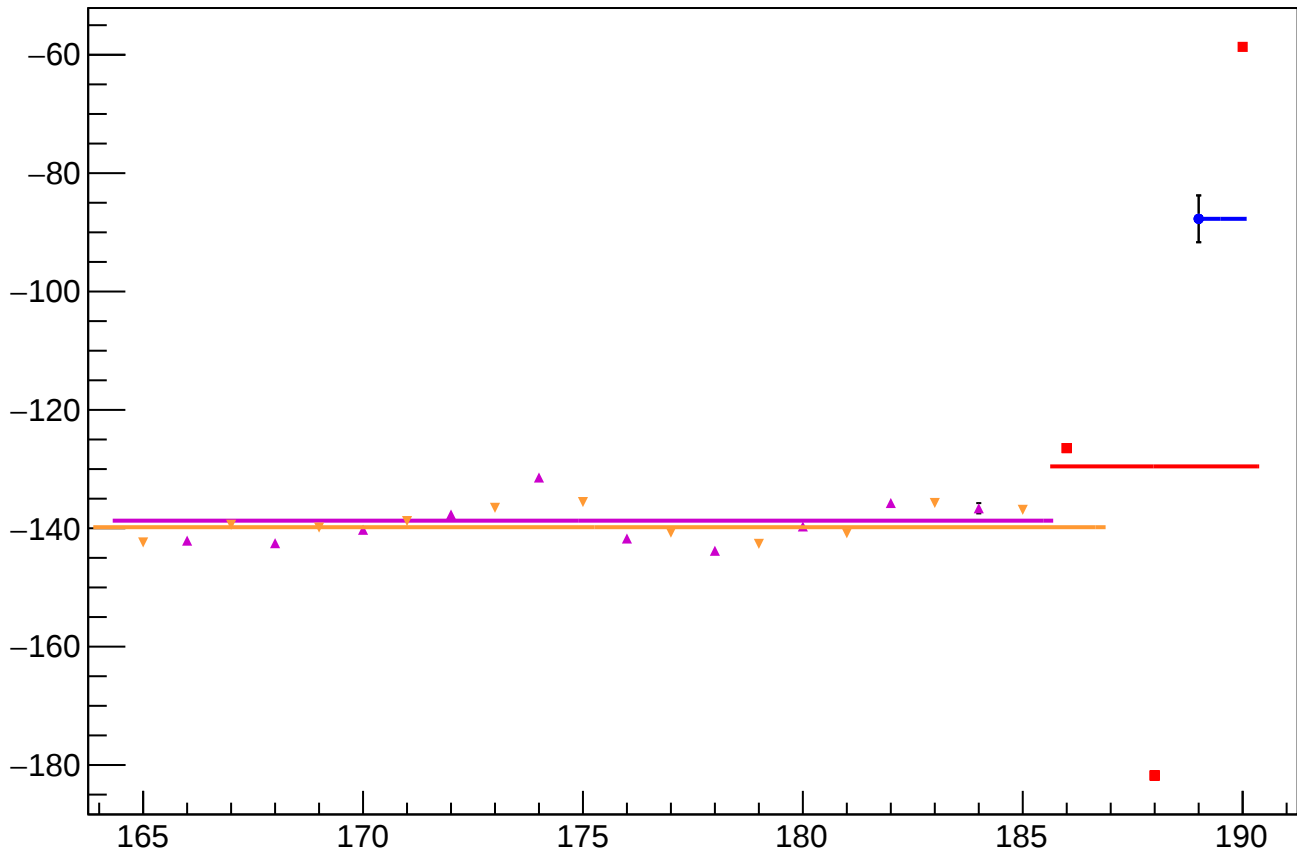
Left In: 14.414 $\pm$ 0.013 χ^2 /NDF:18291.8/9

+ sign 14.317 $\pm$ 0.011 χ^2 /NDF: 32079.8/12

All: 14.380 $\pm$ 0.008 χ^2 /NDF: 52349.4/27

- sign 14.468 $\pm$ 0.013 χ^2 /NDF: 20187.2/14

dit_usr_4aX_slope vs Slug



Right In: -87.716 ± 2.797 χ^2/NDF : 0.0/1

Left Out: -139.820 ± 0.054 χ^2/NDF : 2122.3/10

Right Out: -129.546 ± 0.115 χ^2/NDF : 72293.4/4

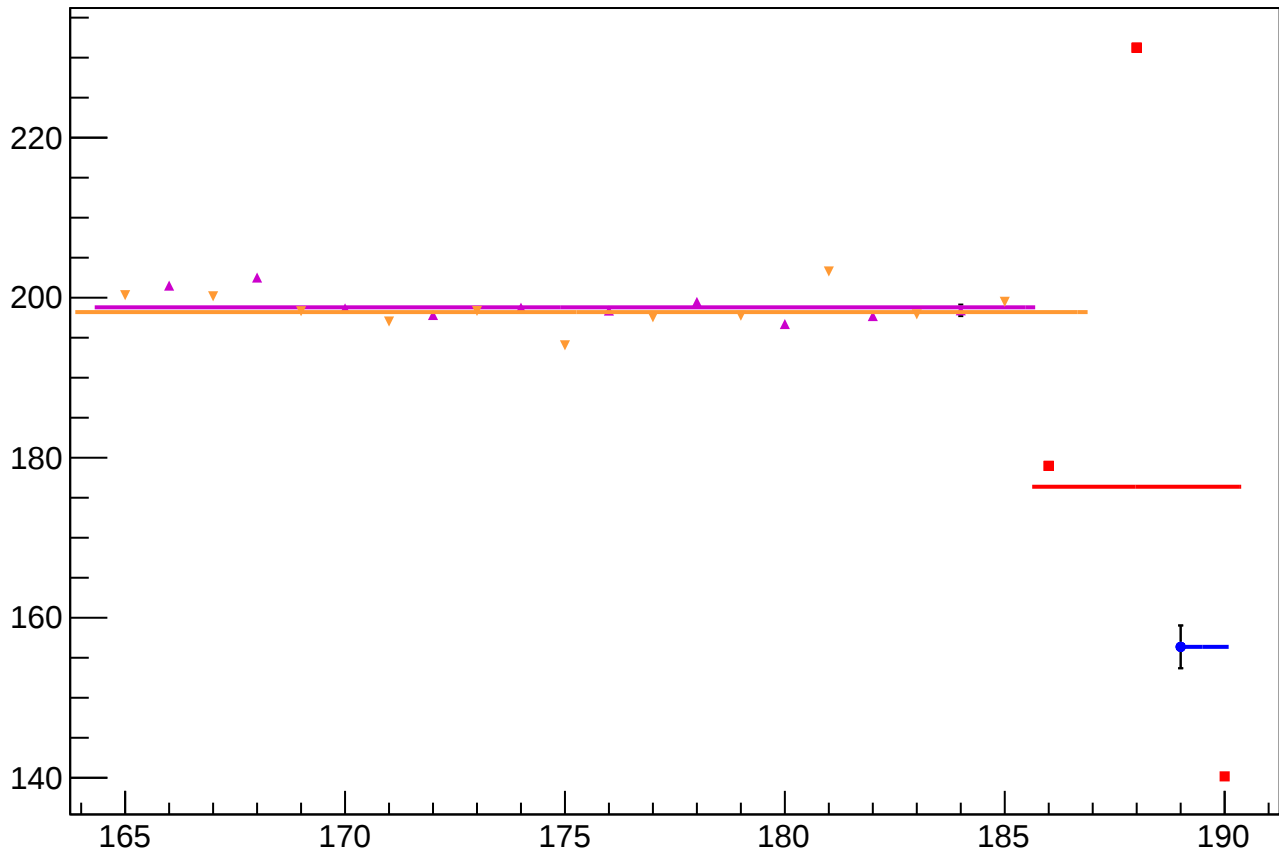
Left In: -138.716 ± 0.072 χ^2/NDF : 2721.8/9

+ sign -139.801 ± 0.054 χ^2/NDF : 2469.3/12

All: -138.191 ± 0.040 χ^2/NDF : 84054.7/27

- sign -136.161 ± 0.061 χ^2/NDF : 79586.7/14

dit_usr_4eX_slope vs Slug



Right In: 156.362 $\pm$ 1.891 χ^2 /NDF: 0.0/1

Left Out: 198.200 $\pm$ 0.045 χ^2 /NDF: 1809.5/10

Right Out: 176.373 $\pm$ 0.071 χ^2 /NDF: 84320.5/4

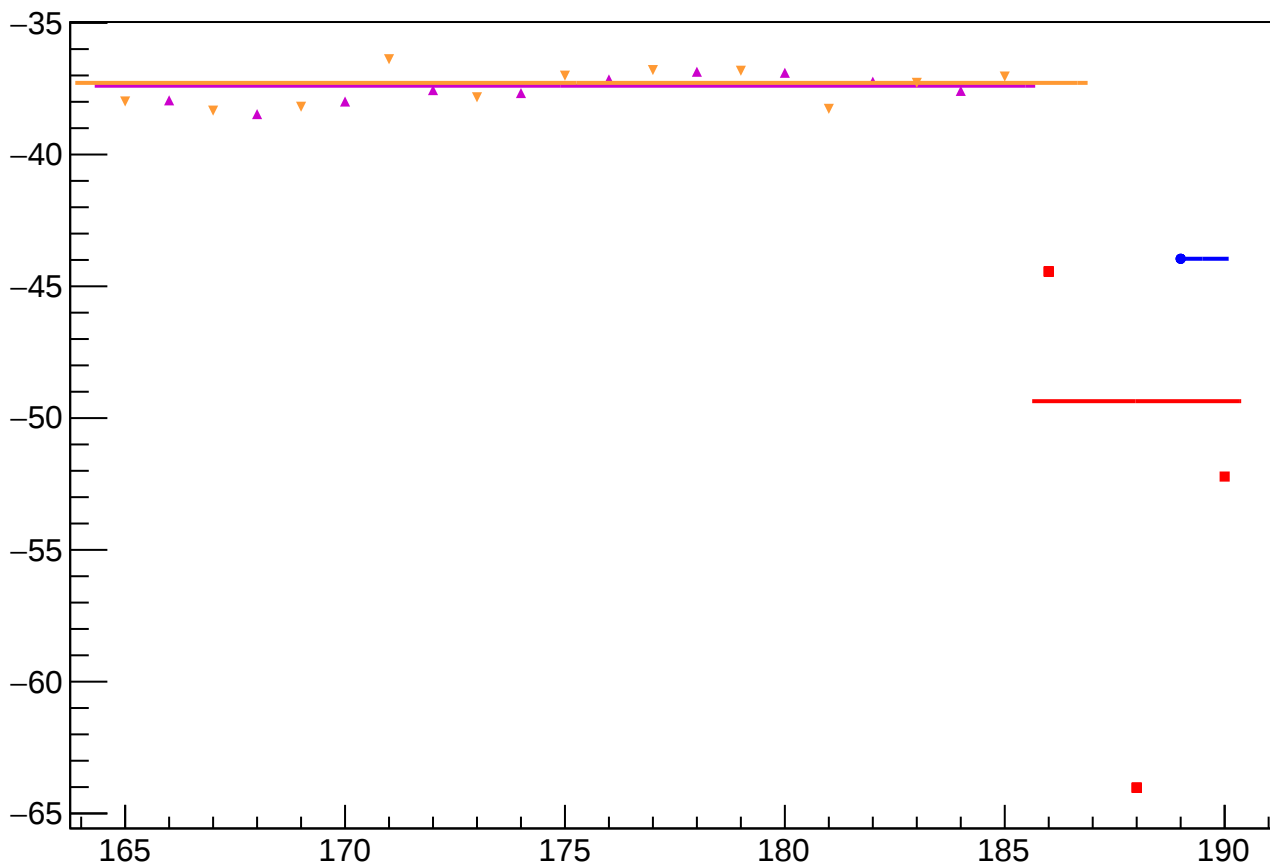
Left In: 198.797 $\pm$ 0.064 χ^2 /NDF: 778.0/9

+ sign 198.176 $\pm$ 0.045 χ^2 /NDF: 2298.9/12

All: 193.698 $\pm$ 0.033 χ^2 /NDF: 163648.5/27

- sign 188.740 $\pm$ 0.047 χ^2 /NDF: 140506.1/14

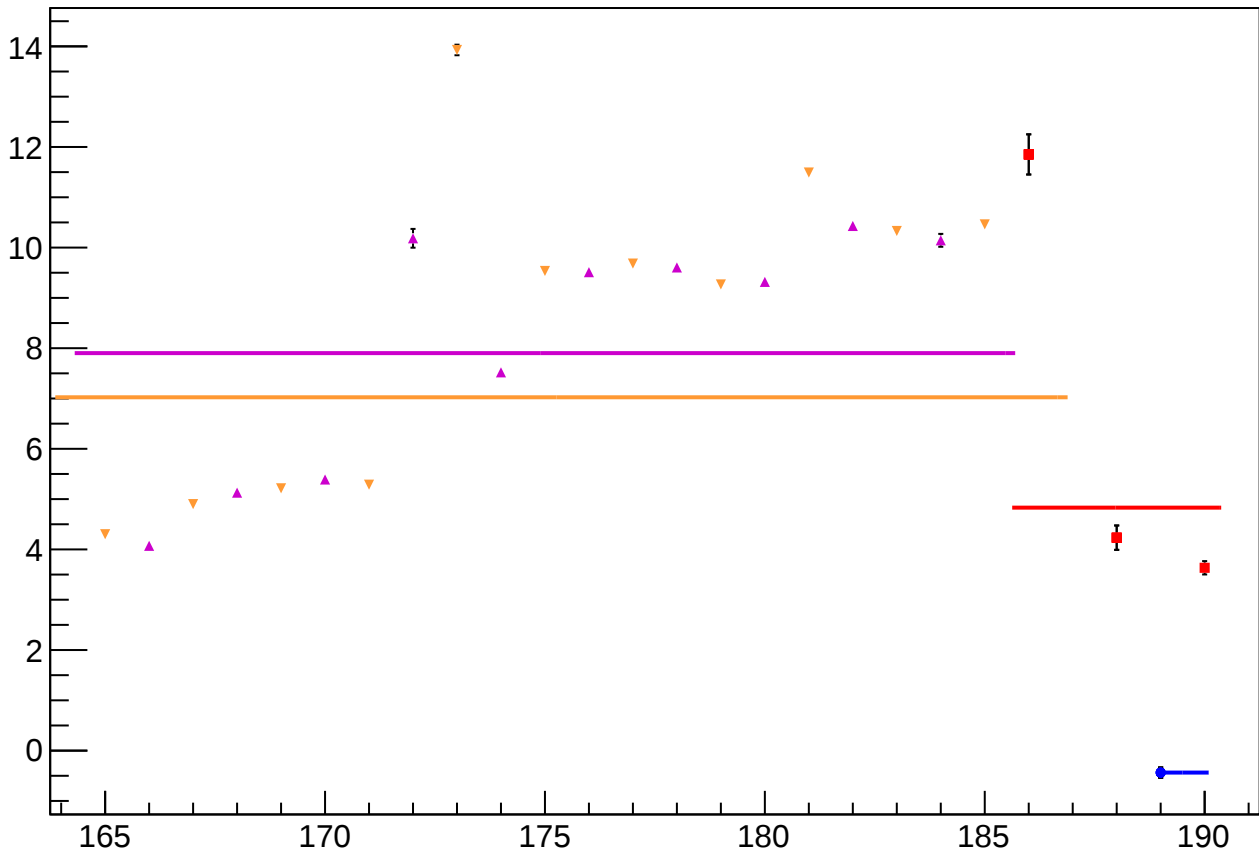
dit_usr_11X12X_slope vs Slug



Right In: -43.955 ± 0.051 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -37.281 ± 0.006 $\chi^2/\text{NDF}: 9729.1/10$
 Right Out: -49.358 ± 0.050 $\chi^2/\text{NDF}: 24274.9/4$
 Left In: -37.390 ± 0.007 $\chi^2/\text{NDF}: 4339.9/9$

+ sign -37.379 ± 0.006 $\chi^2/\text{NDF}: 26584.6/12$
 All: -37.487 ± 0.005 $\chi^2/\text{NDF}: 111641.6/27$
 - sign -37.633 ± 0.007 $\chi^2/\text{NDF}: 84331.6/14$

dit_usr_4aY_slope vs Slug



Right In: -0.436 $\pm$ 0.073 χ^2 /NDF: 0.0/1

Left Out: 7.024 $\pm$ 0.007 χ^2 /NDF:129829.4/10

Right Out: 4.830 $\pm$ 0.098 χ^2 /NDF: 711.3/4

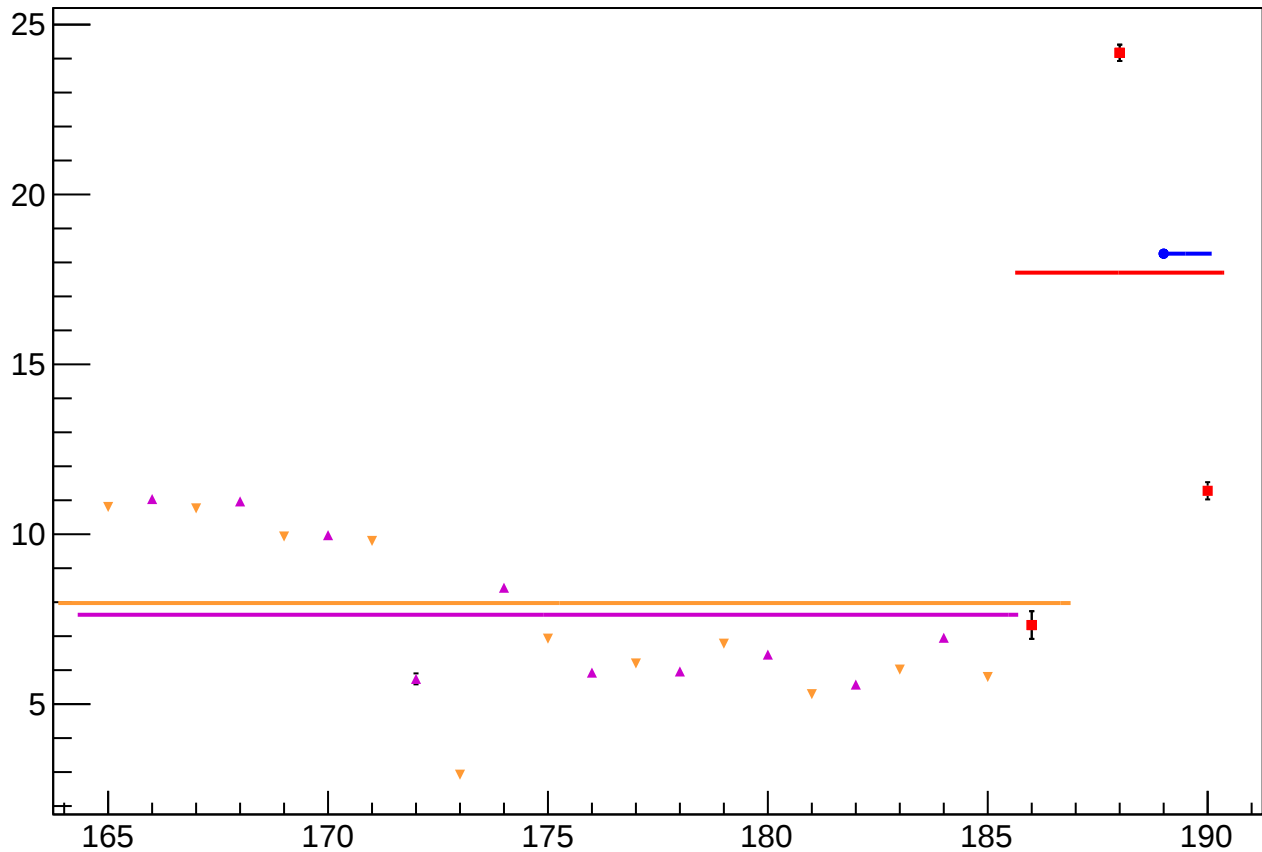
Left In: 7.902 $\pm$ 0.010 χ^2 /NDF:42976.4/9

+ sign 6.949 $\pm$ 0.007 χ^2 /NDF: 140054.9/12

All: 7.259 $\pm$ 0.006 χ^2 /NDF: 189978.5/27

- sign 7.868 $\pm$ 0.010 χ^2 /NDF: 44651.3/14

dit_usr_4eY_slope vs Slug



Right In: 18.258 ± 0.096 χ^2/NDF : 0.0/1

Left Out: 7.975 ± 0.010 χ^2/NDF : 45482.6/10

Right Out: 17.699 ± 0.127 χ^2/NDF : 3387.4/4

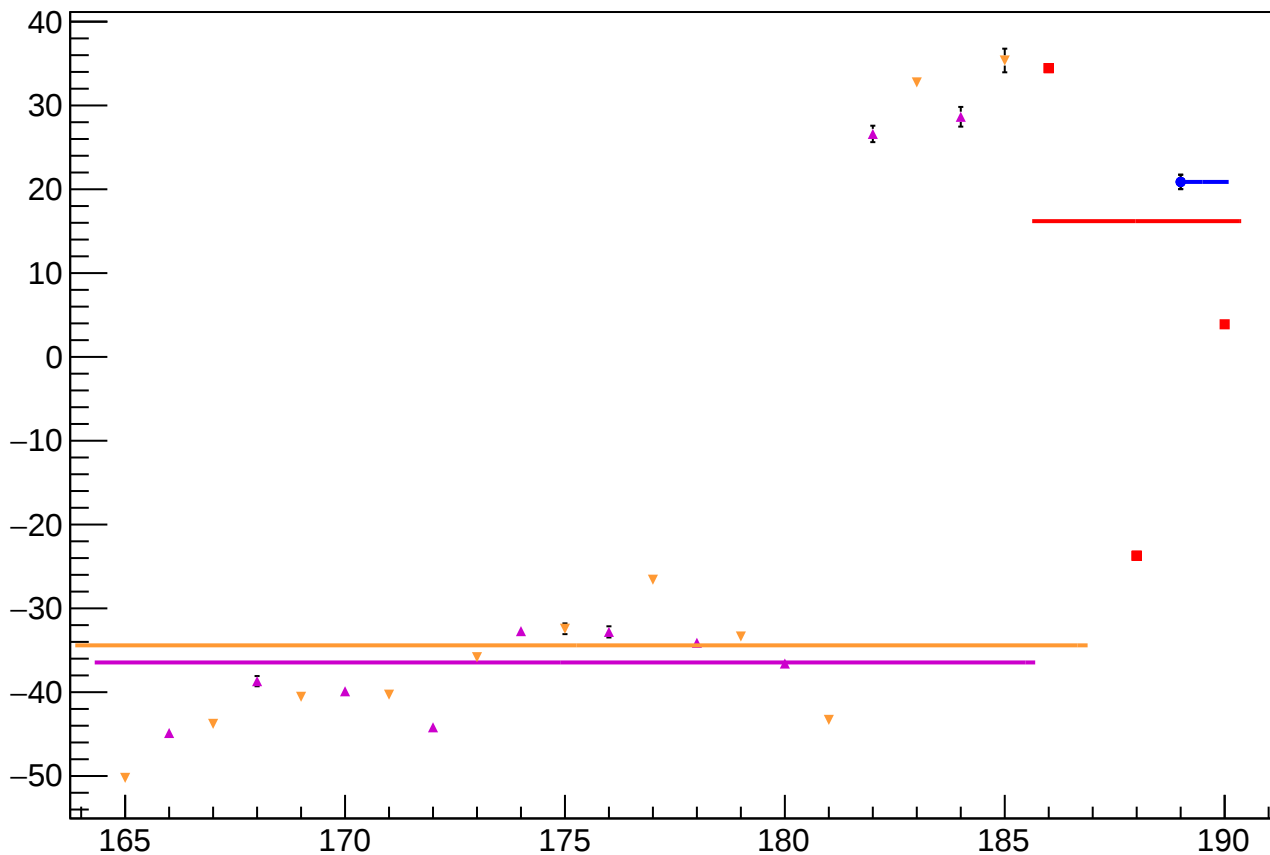
Left In: 7.630 ± 0.013 χ^2/NDF : 21014.0/9

+ sign 8.086 ± 0.010 χ^2/NDF : 56901.4/12

All: 7.950 ± 0.008 χ^2/NDF : 88036.4/27

- sign 7.731 ± 0.013 χ^2/NDF : 30648.9/14

dit_atl1_4aX_slope vs Slug



Right In: 20.877 ± 0.608 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -34.412 ± 0.125 $\chi^2/\text{NDF}: 26689.6/10$

Right Out: 16.198 ± 0.135 $\chi^2/\text{NDF}: 23083.9/4$

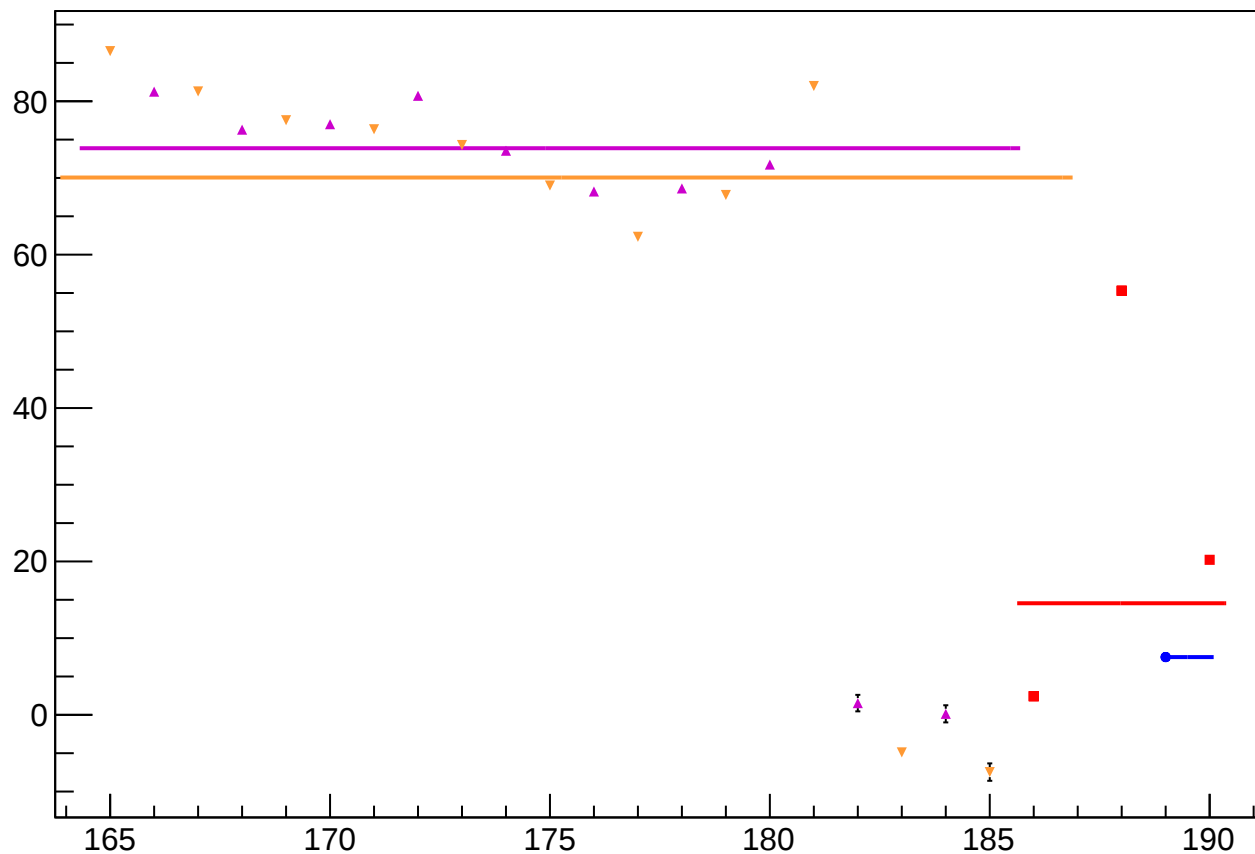
Left In: -36.453 ± 0.148 $\chi^2/\text{NDF}: 8515.3/9$

+ sign -32.175 ± 0.122 $\chi^2/\text{NDF}: 34629.7/12$

All: -17.559 ± 0.077 $\chi^2/\text{NDF}: 159206.8/27$

- sign -7.836 ± 0.100 $\chi^2/\text{NDF}: 100775.7/14$

dit_atl1_4eX_slope vs Slug



Right In: 7.530 ± 0.243 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 70.055 ± 0.116 $\chi^2/\text{NDF}: 39378.7/10$

Right Out: 14.549 ± 0.097 $\chi^2/\text{NDF}: 28127.0/4$

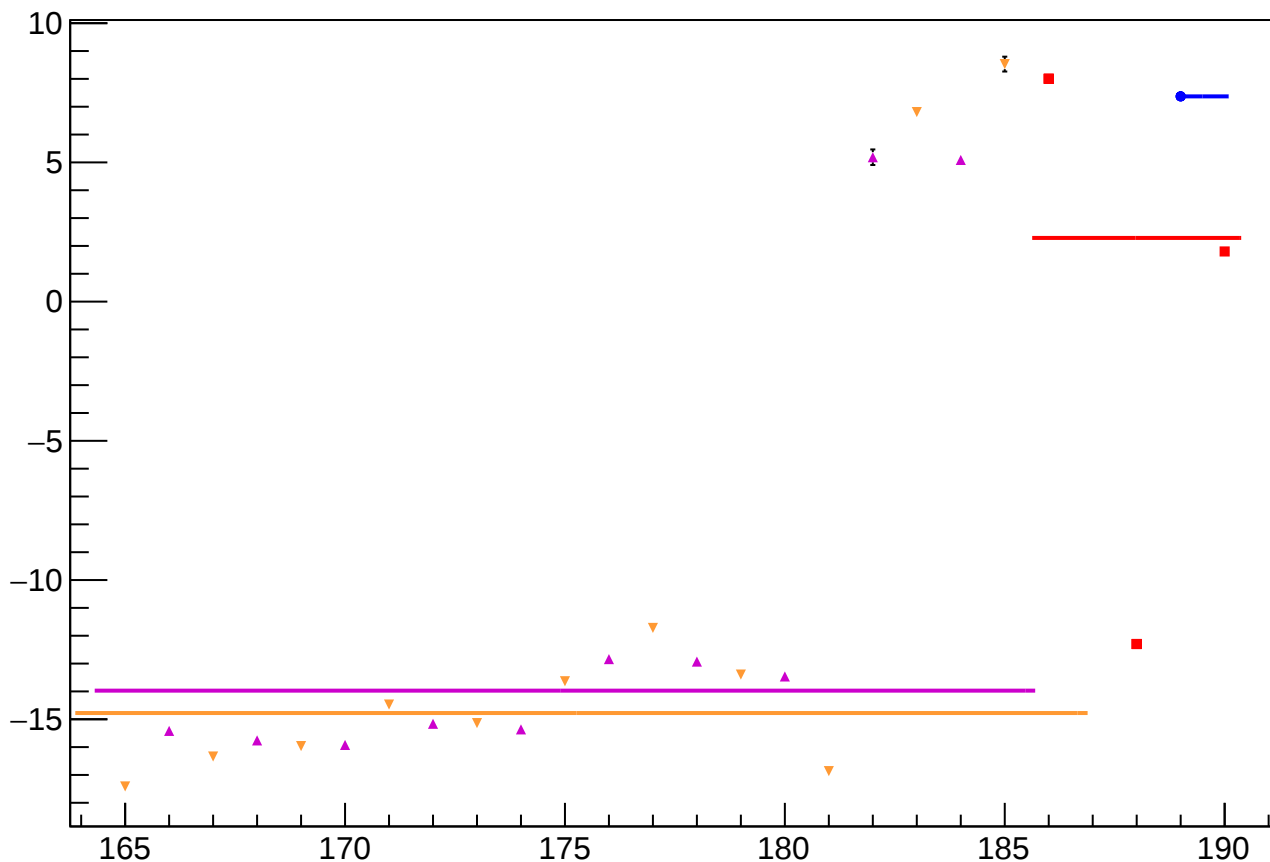
Left In: 73.875 ± 0.131 $\chi^2/\text{NDF}: 10317.8/9$

+ sign 58.430 ± 0.105 $\chi^2/\text{NDF}: 93420.2/12$

All: 43.763 ± 0.063 $\chi^2/\text{NDF}: 294792.5/27$

- sign 35.607 ± 0.078 $\chi^2/\text{NDF}: 170800.3/14$

dit_atl1_11X12X_slope vs Slug



Right In: 7.371 $\pm$ 0.042 χ^2 /NDF: 0.0/1

Left Out: -14.776 $\pm$ 0.015 χ^2 /NDF: 99444.9/10

Right Out: 2.287 $\pm$ 0.041 χ^2 /NDF: 35464.1/4

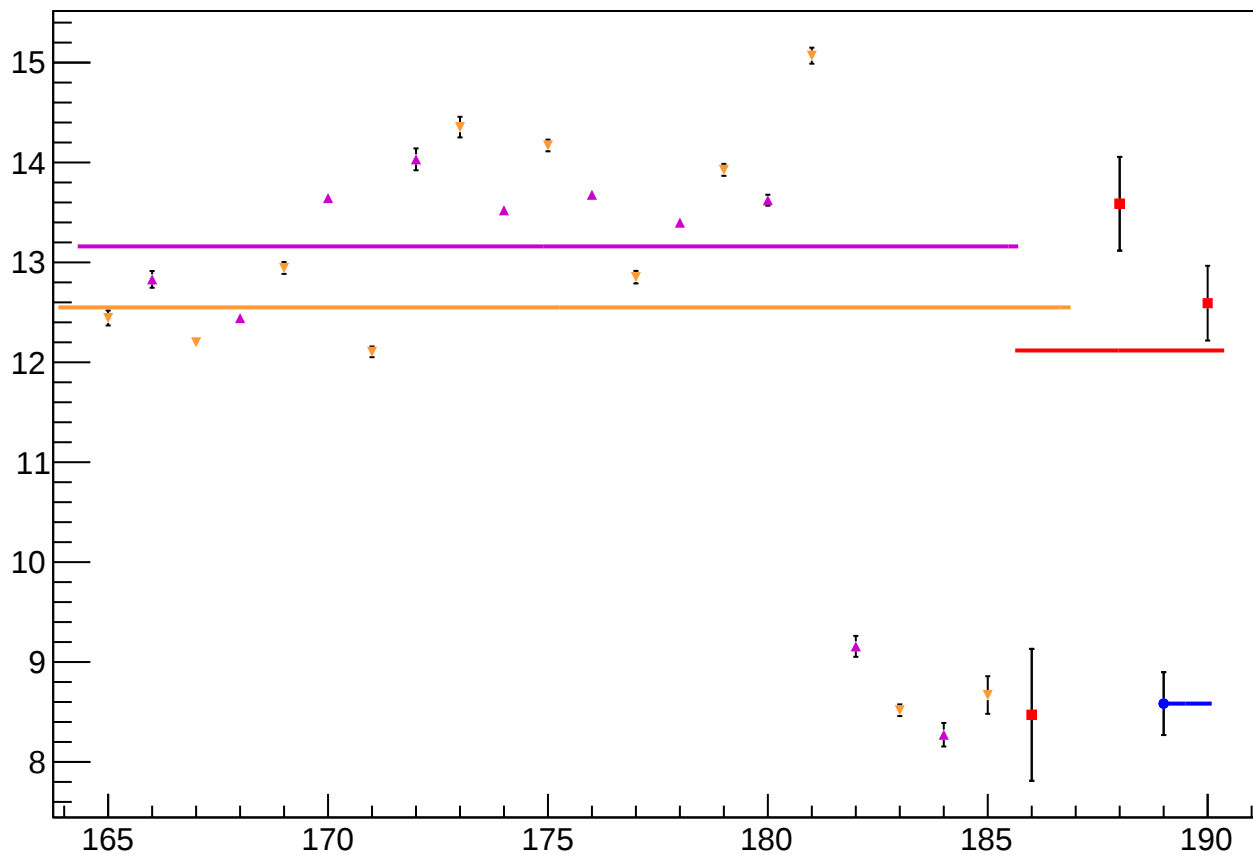
Left In: -13.972 $\pm$ 0.017 χ^2 /NDF: 29475.7/9

+ sign -12.111 $\pm$ 0.015 χ^2 /NDF: 346348.0/12

All: -11.852 $\pm$ 0.011 χ^2 /NDF: 544058.0/27

- sign -11.540 $\pm$ 0.016 χ^2 /NDF: 197009.2/14

dit_atl1_4aY_slope vs Slug



Right In: 8.584 $\pm$ 0.222 χ^2 /NDF: 0.0/1

Left Out: 12.550 $\pm$ 0.020 χ^2 /NDF:7955.1/10

Right Out: 12.118 $\pm$ 0.219 χ^2 /NDF: 82.2/4

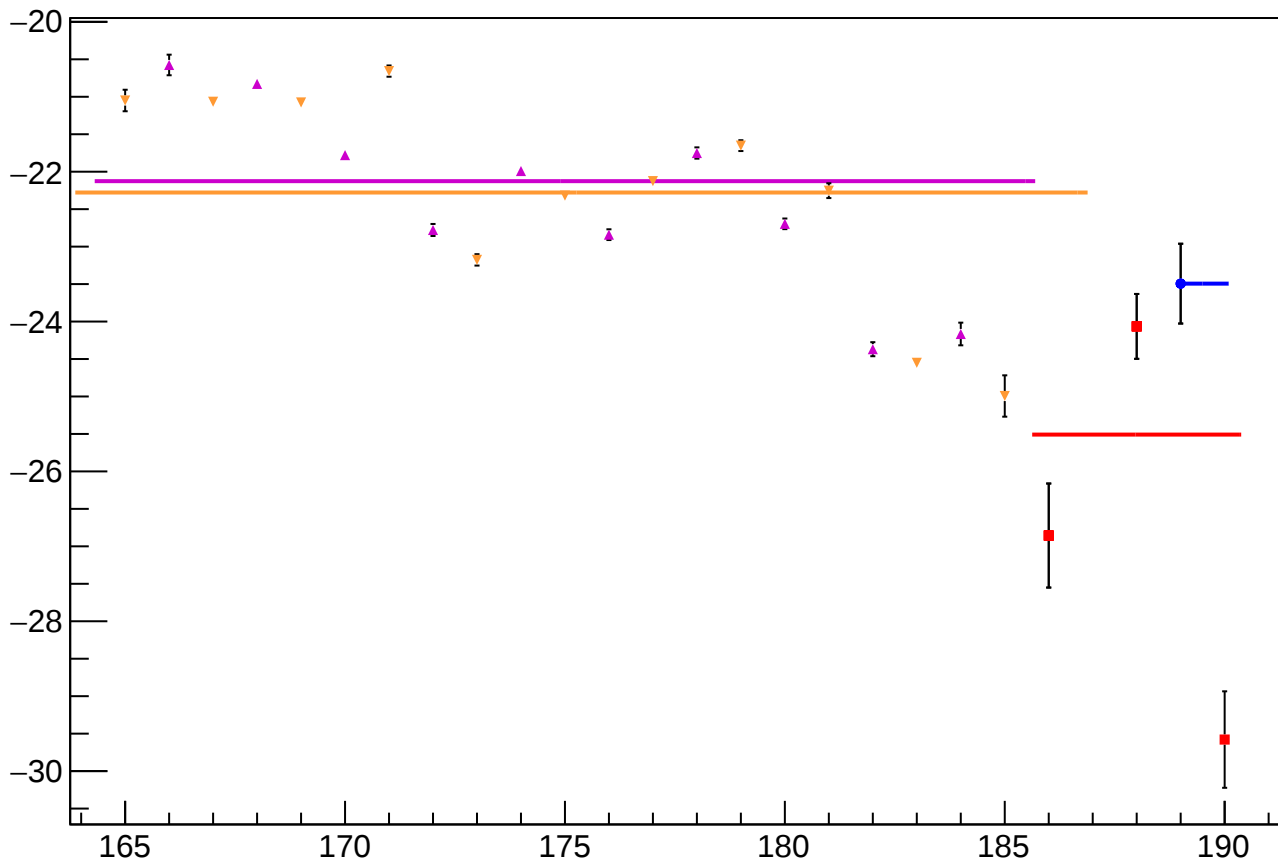
Left In: 13.160 $\pm$ 0.015 χ^2 /NDF:4337.0/9

+ sign 12.519 $\pm$ 0.019 χ^2 /NDF: 8270.4/12

All: 12.917 $\pm$ 0.012 χ^2 /NDF: 13377.9/27

- sign 13.155 $\pm$ 0.015 χ^2 /NDF: 4441.7/14

dit_atl1_4eY_slope vs Slug



Right In: -23.494 ± 0.377 χ^2/NDF : 0.0/1

Left Out: -22.278 ± 0.020 χ^2/NDF : 3947.6/10

Right Out: -25.509 ± 0.241 χ^2/NDF : 69.7/4

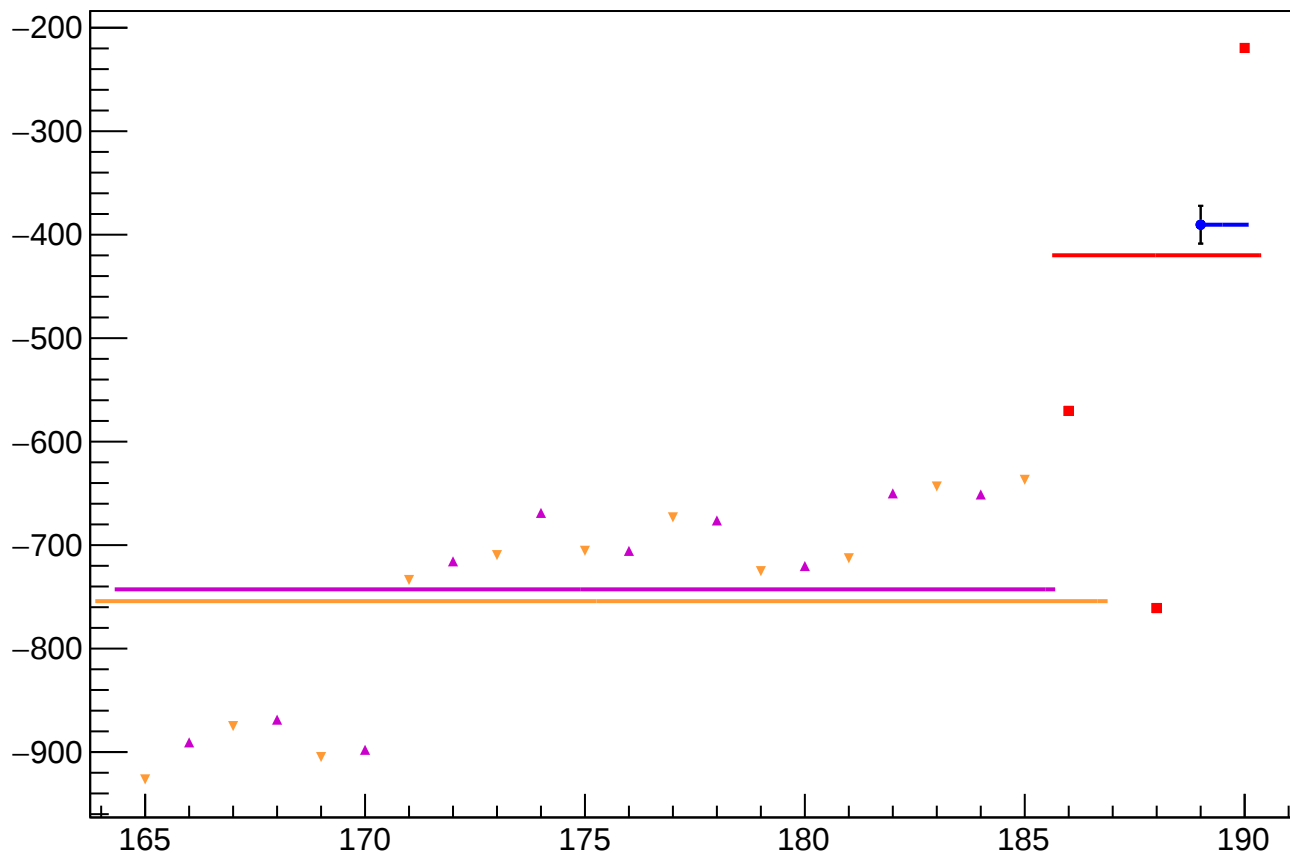
Left In: -22.126 ± 0.023 χ^2/NDF : 1707.7/9

+ sign -22.281 ± 0.020 χ^2/NDF : 3958.0/12

All: -22.230 ± 0.015 χ^2/NDF : 5946.9/27

- sign -22.158 ± 0.023 χ^2/NDF : 1972.7/14

dit_atl2_4aX_slope vs Slug



Right In: -390.357+/-12.910 χ^2/NDF : 0.0/1

Left Out: -754.163+/-0.195 χ^2/NDF : 242348.4/10

Right Out: -419.897+/-0.202 χ^2/NDF : 1380138.8/4

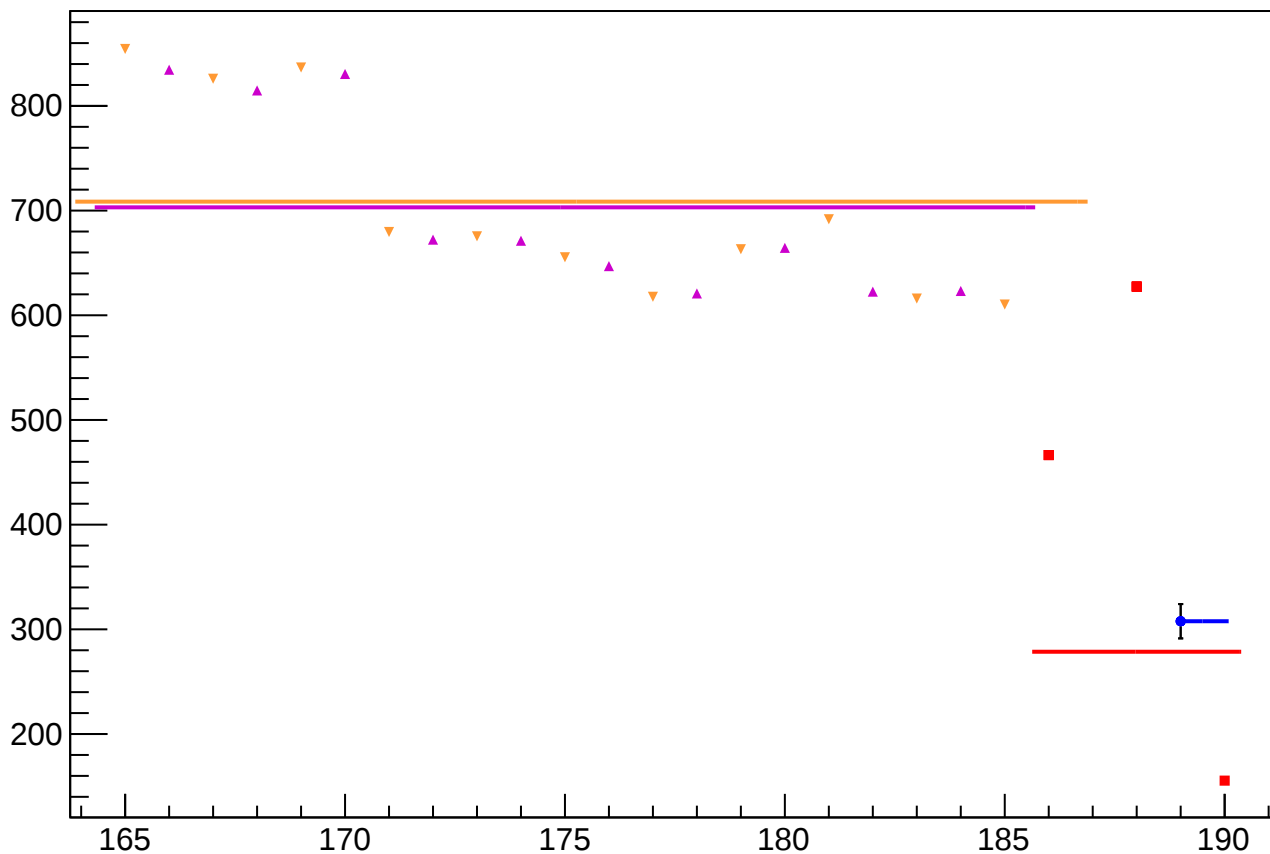
Left In: -742.750+/-0.215 χ^2/NDF : 170674.4/9

+ sign -754.080+/-0.195 χ^2/NDF : 243142.3/12

All: -637.882+/-0.117 χ^2/NDF : 3550099.8/27

- sign -571.263+/-0.147 χ^2/NDF : 2746115.2/14

dit_atl2_4eX_slope vs Slug



Right In: 307.733±/11.591 χ^2/NDF : 0.0/1

Left Out: 708.554±/0.171 χ^2/NDF :243855.4/10

Right Out: 278.597±/0.129 χ^2/NDF : 1874998.5/4

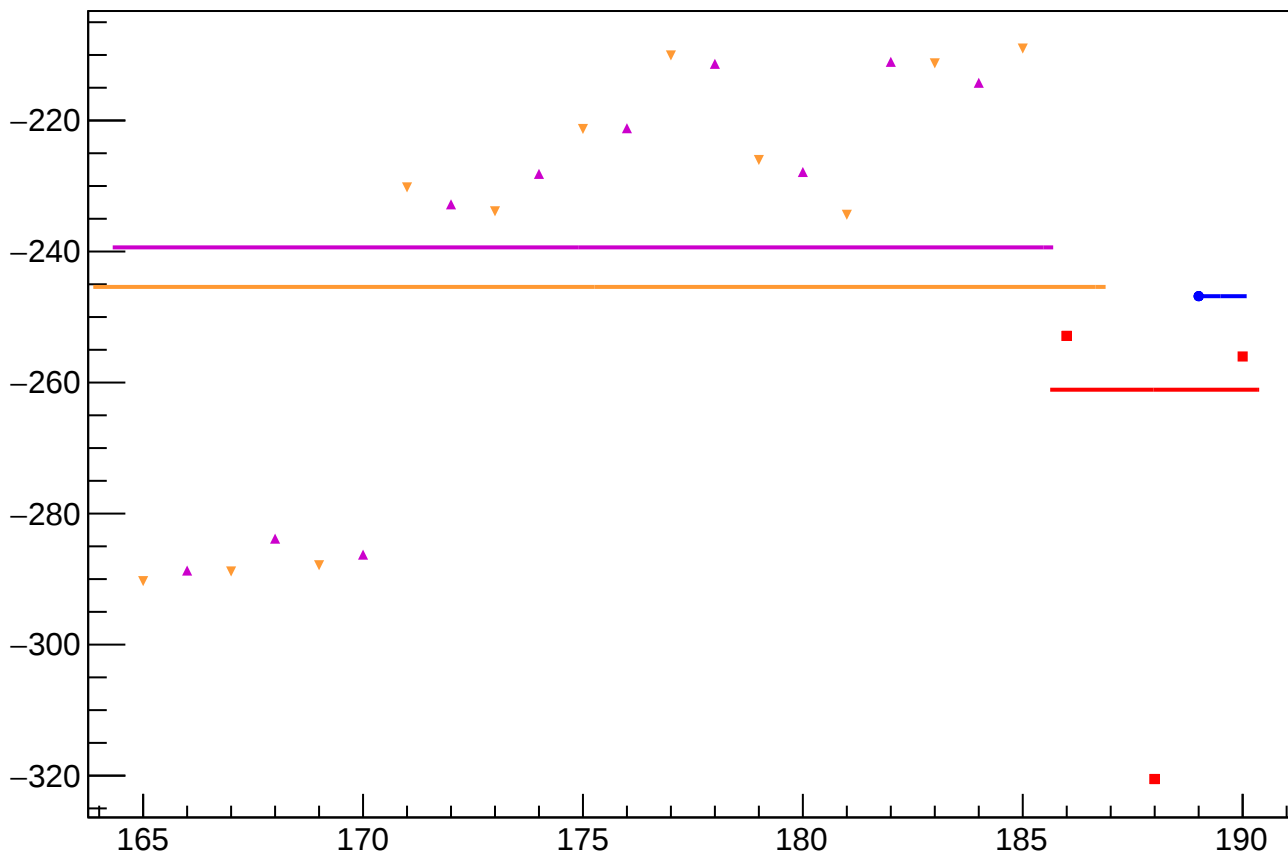
Left In: 703.101±/0.185 χ^2/NDF :200132.6/9

+ sign 708.467±/0.171 χ^2/NDF : 245051.0/12

All: 499.027±/0.090 χ^2/NDF : 7945322.6/27

- sign 418.204±/0.106 χ^2/NDF : 5613319.0/14

dit_atl2_11X12X_slope vs Slug



Right In: -246.818 ± 0.121 χ^2/NDF : 0.0/1

Left Out: -245.401 ± 0.034 χ^2/NDF : 829376.5/10

Right Out: -261.093 ± 0.059 χ^2/NDF : 105636.1/4

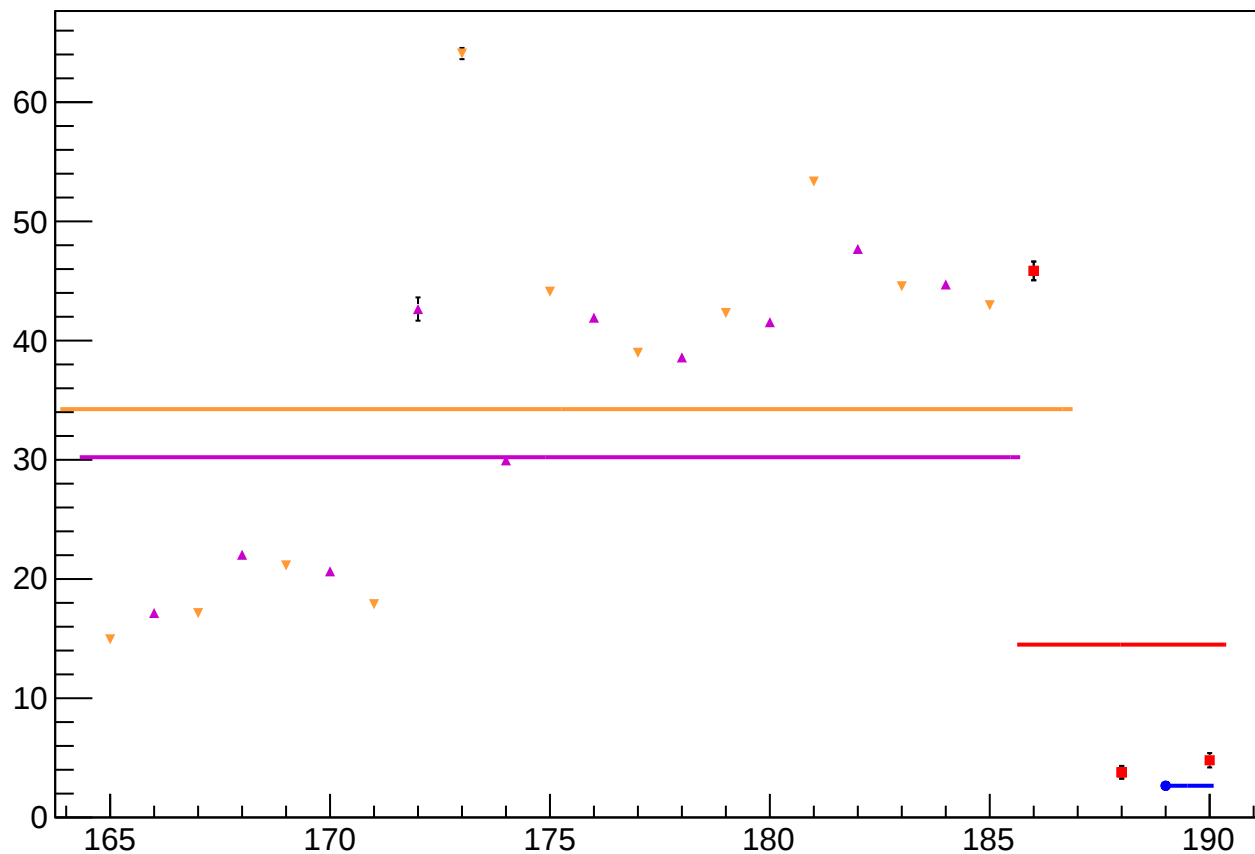
Left In: -239.367 ± 0.037 χ^2/NDF : 662645.3/9

+ sign -245.507 ± 0.033 χ^2/NDF : 829504.1/12

All: -245.499 ± 0.023 χ^2/NDF : 1693648.8/27

- sign -245.491 ± 0.032 χ^2/NDF : 864144.6/14

dit_atl2_4aY_slope vs Slug



Right In: 2.659 $\pm$ 0.015 χ^2 /NDF: 0.0/1

Left Out: 34.252 $\pm$ 0.026 χ^2 /NDF: 309898.6/10

Right Out: 14.499 $\pm$ 0.277 χ^2 /NDF: 4266.7/4

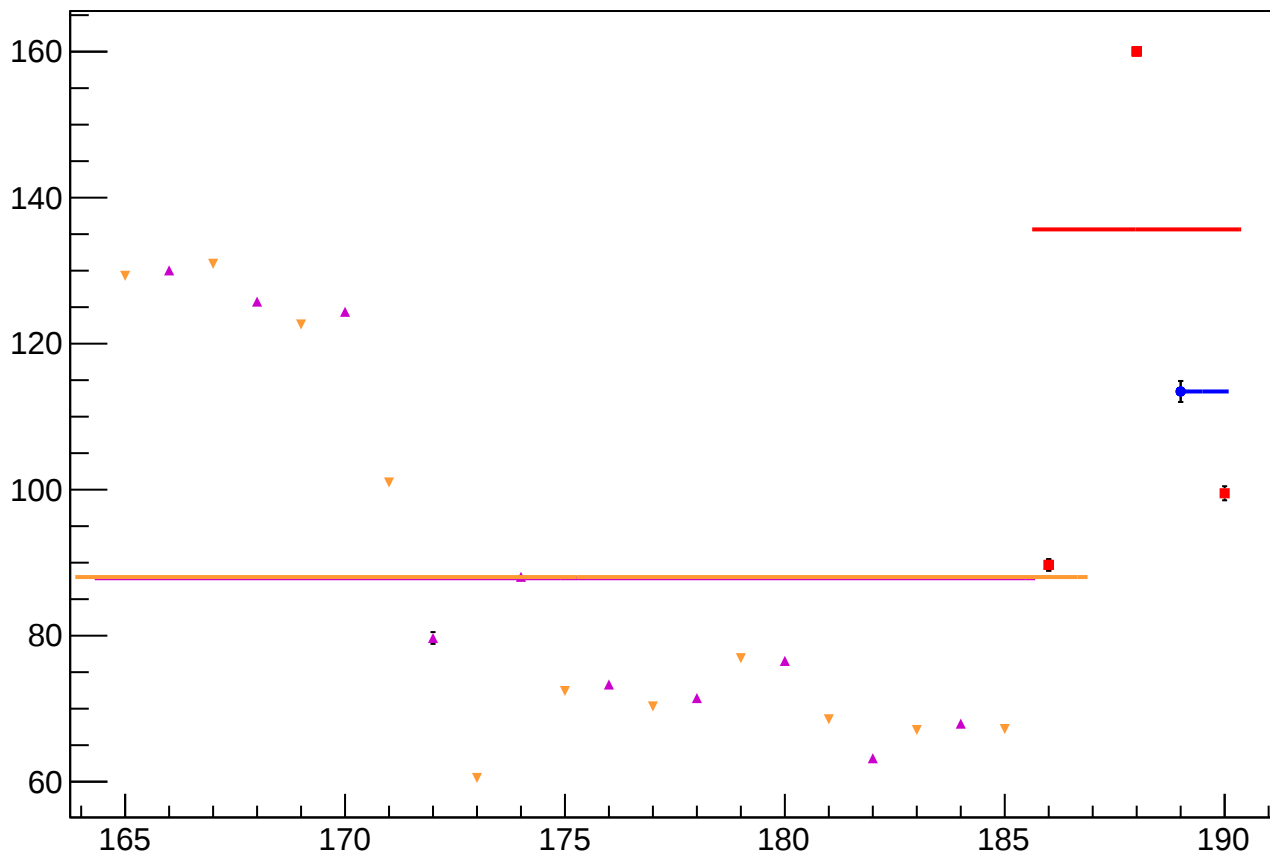
Left In: 30.219 $\pm$ 0.029 χ^2 /NDF: 104925.3/9

+ sign 10.969 $\pm$ 0.013 χ^2 /NDF: 1433742.6/12

All: 14.261 $\pm$ 0.012 χ^2 /NDF: 1911057.4/27

- sign 30.049 $\pm$ 0.029 χ^2 /NDF: 112381.1/14

dit_atl2_4eY_slope vs Slug



Right In: 113.451+/-1.017 χ^2/NDF : 0.0/1

Left Out: 88.030+/-0.031 χ^2/NDF : 674638.4/10

Right Out: 135.650+/-0.289 χ^2/NDF : 12824.5/4

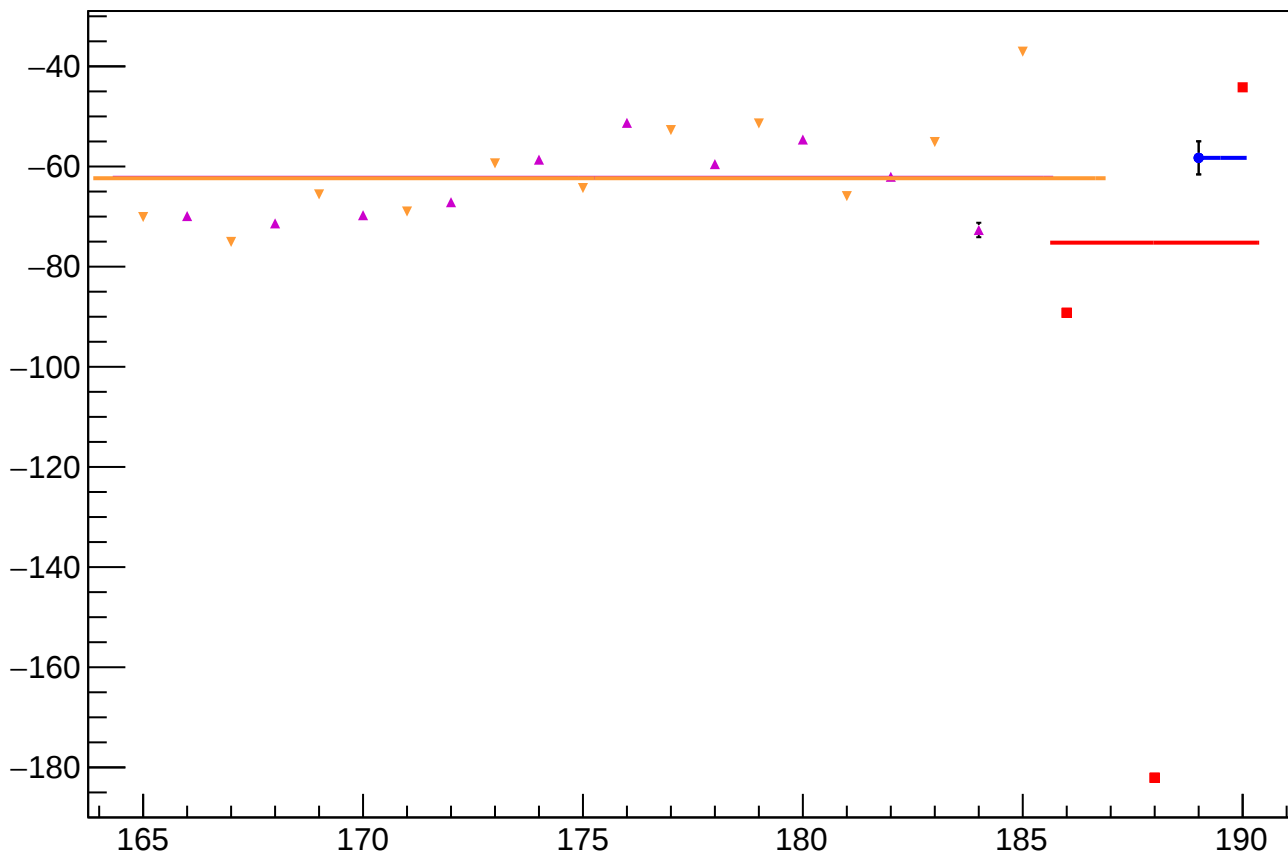
Left In: 87.867+/-0.038 χ^2/NDF : 416209.7/9

+ sign 88.054+/-0.031 χ^2/NDF : 675262.9/12

All: 88.310+/-0.024 χ^2/NDF : 1131422.2/27

- sign 88.674+/-0.038 χ^2/NDF : 455998.5/14

dit_atr1_4aX_slope vs Slug



Right In: -58.272 $\pm$ 2.338 χ^2 /NDF: 0.0/1

Left Out: -62.342 $\pm$ 0.161 χ^2 /NDF: 3204.6/10

Right Out: -75.207 $\pm$ 0.175 χ^2 /NDF: 83640.3/4

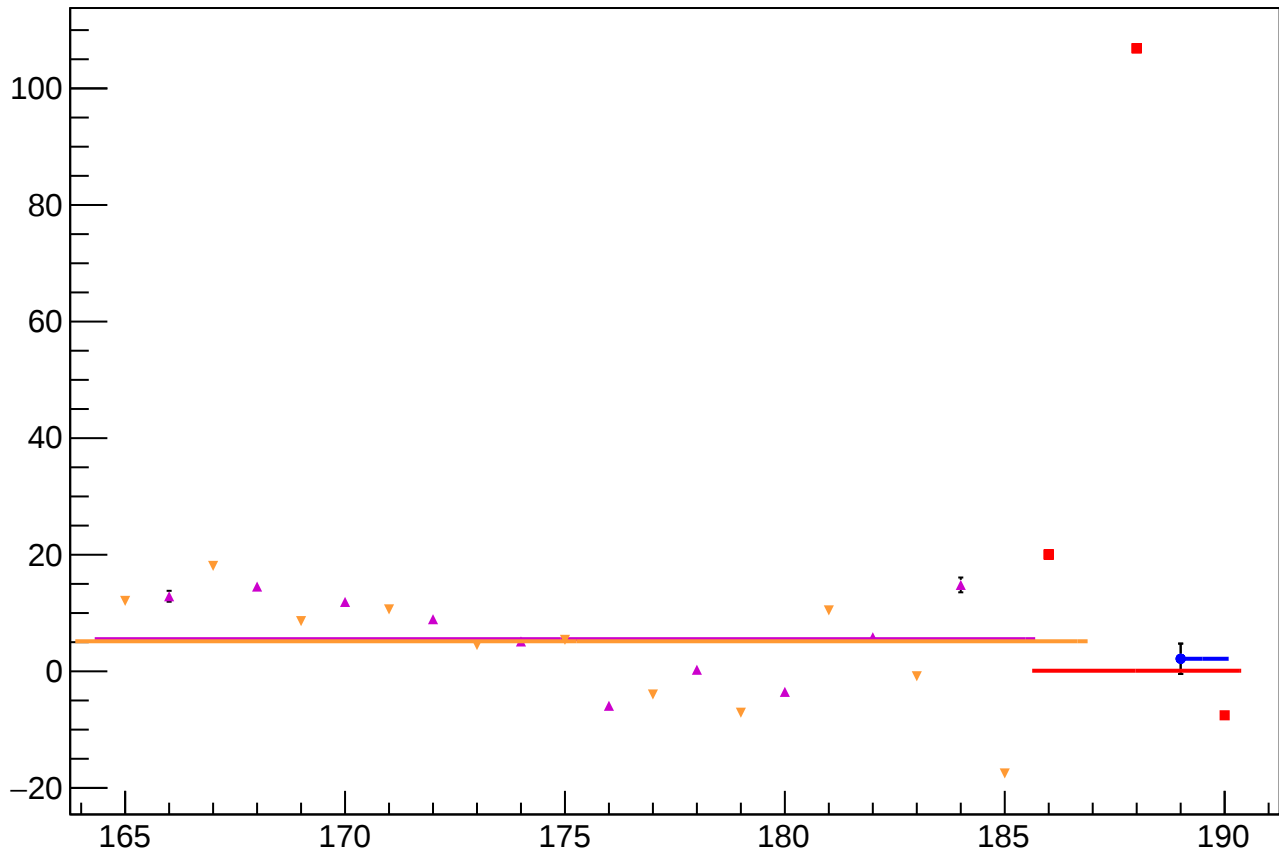
Left In: -62.251 $\pm$ 0.160 χ^2 /NDF: 1766.9/9

+ sign -62.322 $\pm$ 0.161 χ^2 /NDF: 3207.6/12

All: -66.112 $\pm$ 0.095 χ^2 /NDF: 92458.9/27

- sign -68.159 $\pm$ 0.118 χ^2 /NDF: 88394.1/14

dit_atr1_4eX_slope vs Slug



Right In: 2.155+/-1.840 χ^2/NDF : 0.0/1

Left Out: 5.157+/-0.143 χ^2/NDF : 3834.5/10

Right Out: 0.103+/-0.095 χ^2/NDF : 69125.1/4

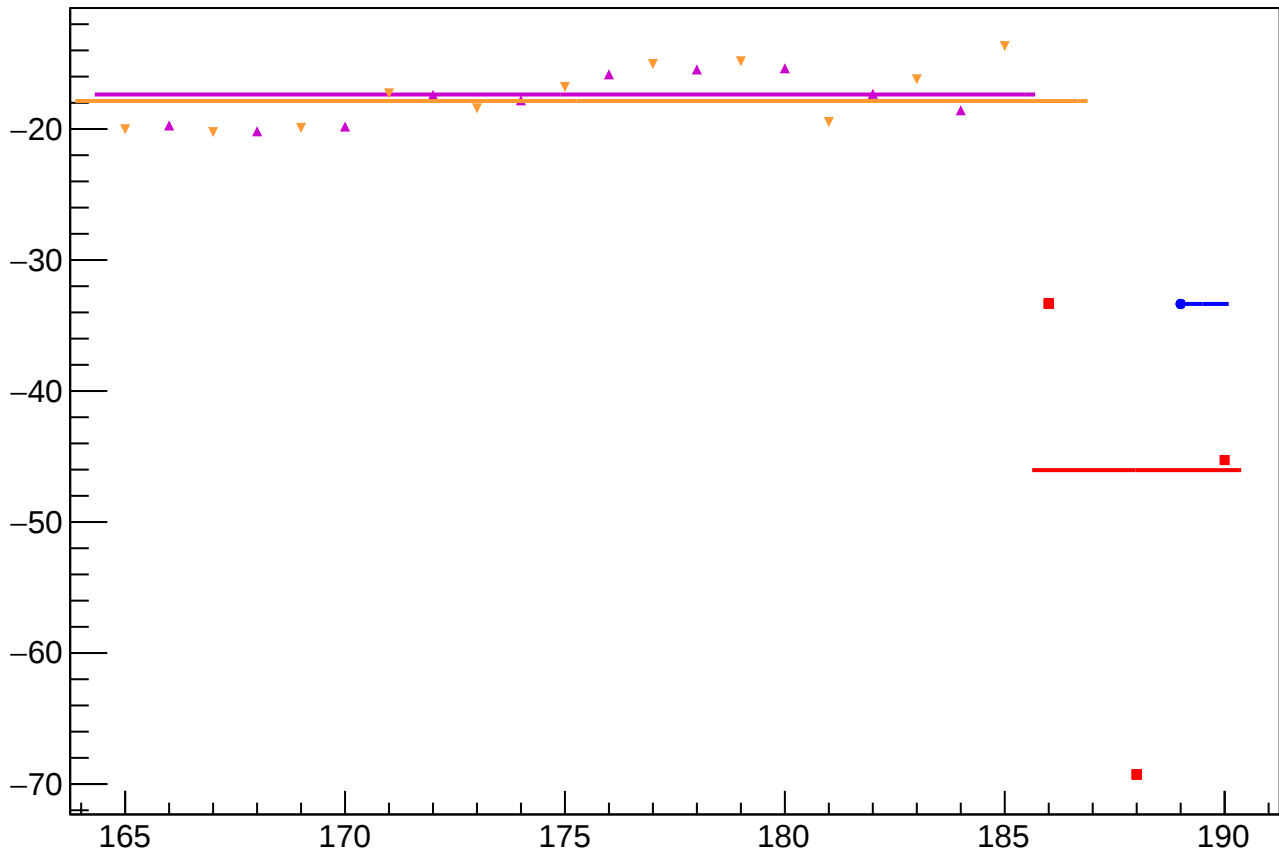
Left In: 5.517+/-0.144 χ^2/NDF : 2218.5/9

+ sign 5.139+/-0.143 χ^2/NDF : 3837.2/12

All: 2.540+/-0.069 χ^2/NDF : 76603.3/27

- sign 1.743+/-0.079 χ^2/NDF : 72333.2/14

dit_atr1_11X12X_slope vs Slug



Right In: -33.353 ± 0.255 χ^2/NDF : 0.0/1

Left Out: -17.862 ± 0.020 χ^2/NDF : 11426.6/10

Right Out: -46.038 ± 0.091 χ^2/NDF : 24697.5/4

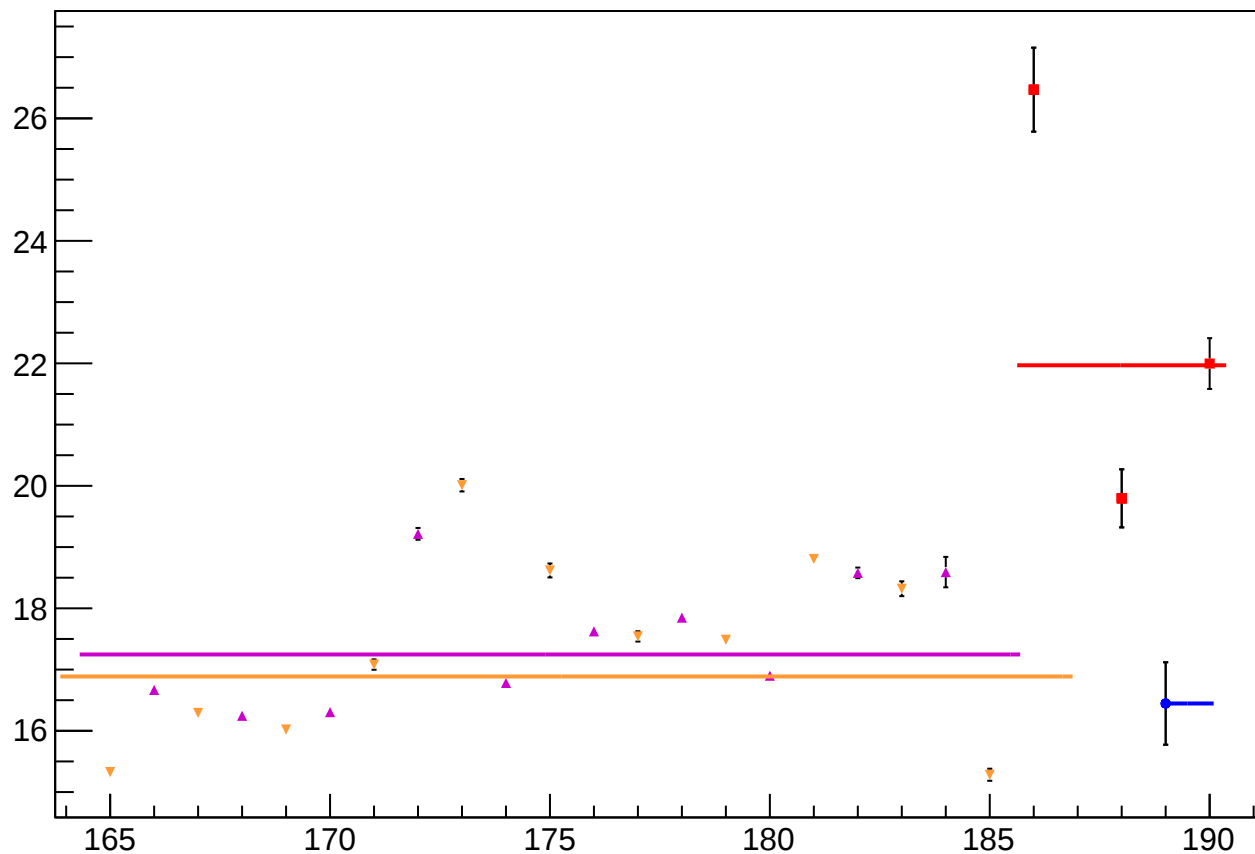
Left In: -17.367 ± 0.023 χ^2/NDF : 5680.6/9

+ sign -17.952 ± 0.019 χ^2/NDF : 15085.5/12

All: -18.438 ± 0.015 χ^2/NDF : 140585.7/27

- sign -19.061 ± 0.022 χ^2/NDF : 124084.2/14

dit_atr1_4aY_slope vs Slug



Right In: 16.446 $\pm$ 0.476 χ^2 /NDF: 0.0/1

Left Out: 16.887 $\pm$ 0.022 χ^2 /NDF:3444.8/10

Right Out: 21.968 $\pm$ 0.230 χ^2 /NDF: 128.1/4

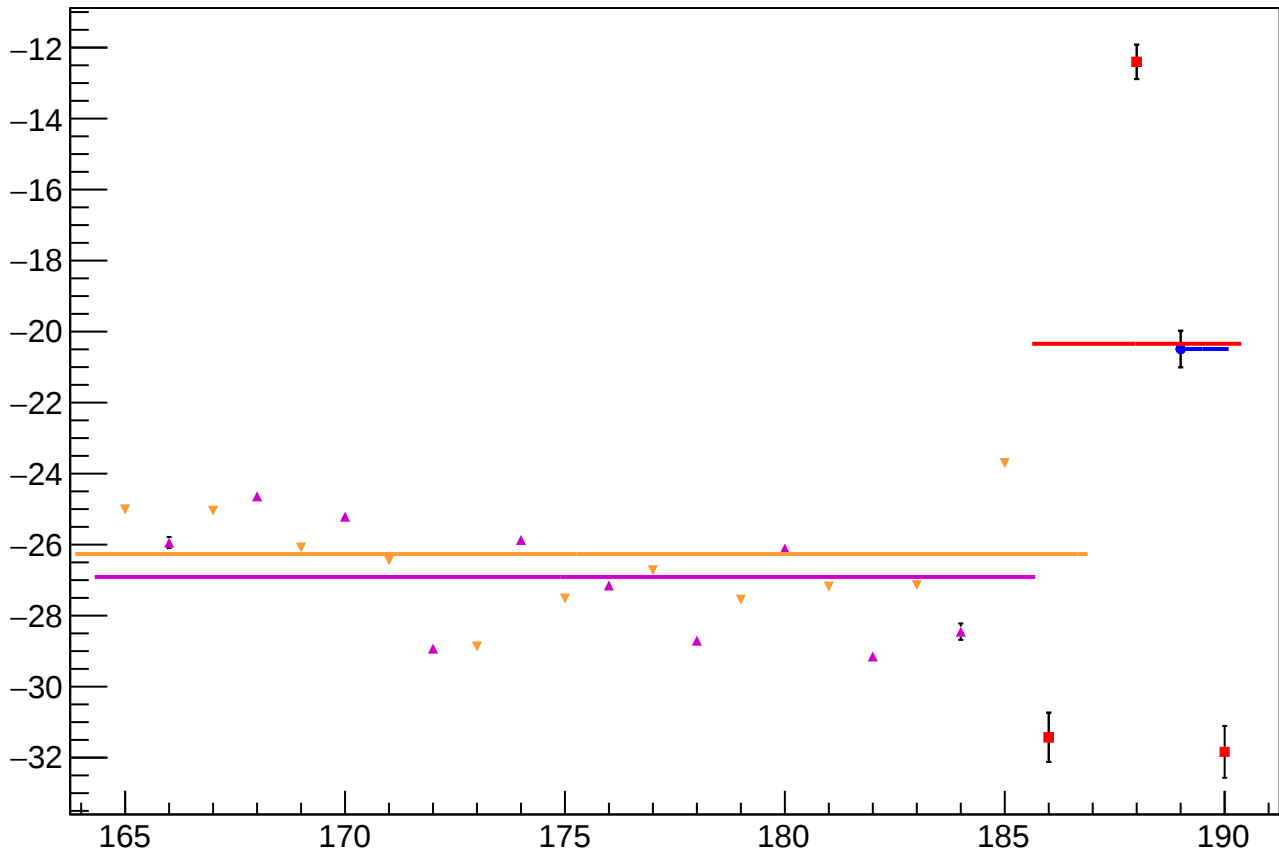
Left In: 17.247 $\pm$ 0.019 χ^2 /NDF:1669.2/9

+ sign 16.886 $\pm$ 0.022 χ^2 /NDF: 3445.6/12

All: 17.108 $\pm$ 0.014 χ^2 /NDF: 5849.8/27

- sign 17.279 $\pm$ 0.019 χ^2 /NDF: 2217.1/14

dit_atr1_4eY_slope vs Slug



Right In: -20.491 ± 0.364 χ^2/NDF : 0.0/1

Left Out: -26.265 ± 0.022 χ^2/NDF : 3382.5/10

Right Out: -20.343 ± 0.262 χ^2/NDF : 1295.3/4

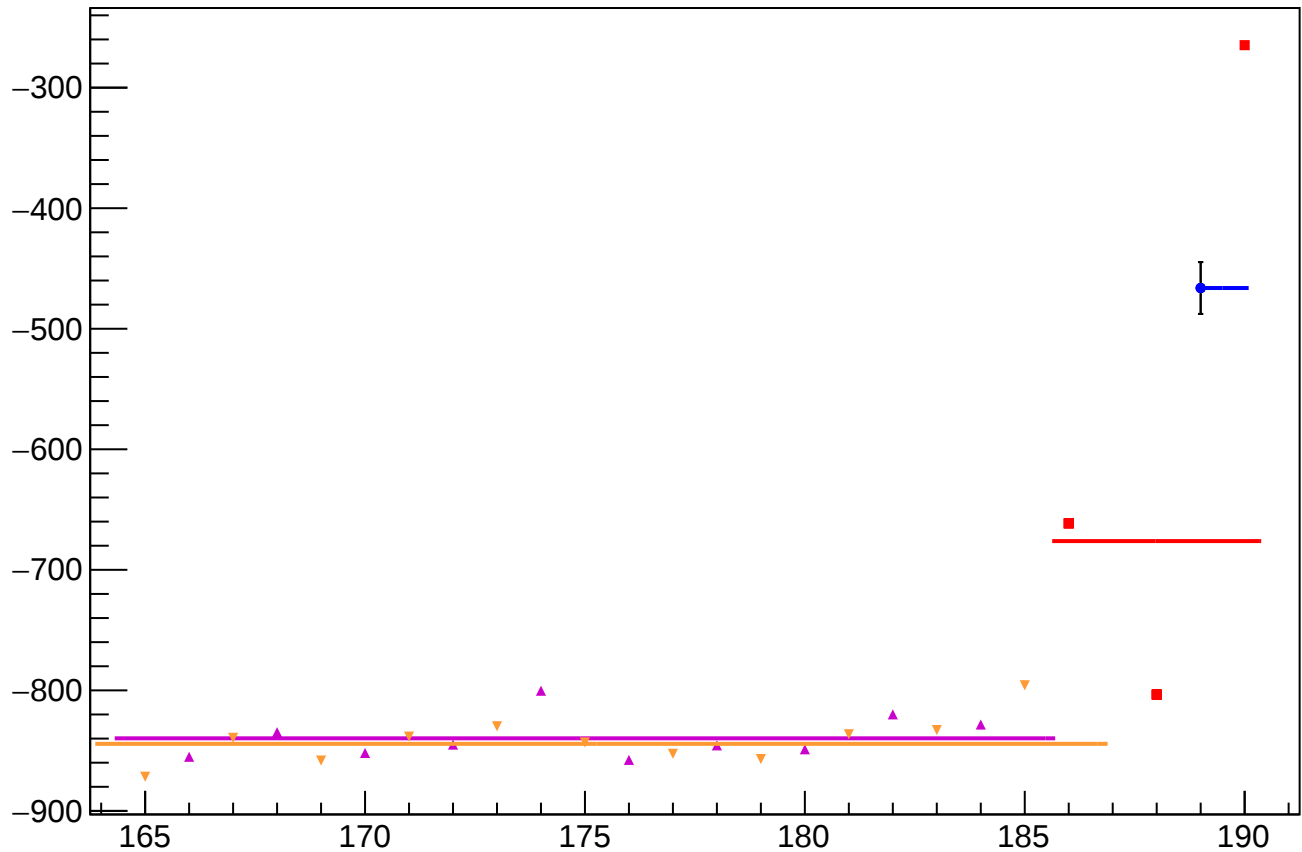
Left In: -26.911 ± 0.026 χ^2/NDF : 3659.2/9

+ sign -26.244 ± 0.022 χ^2/NDF : 3633.3/12

All: -26.492 ± 0.017 χ^2/NDF : 9515.2/27

- sign -26.845 ± 0.026 χ^2/NDF : 5575.9/14

dit_atr2_4aX_slope vs Slug



Right In: -466.211+/-15.213 χ^2/NDF : 0.0/1

Left Out: -844.362+/-0.188 χ^2/NDF : 5641.1/10

Right Out: -676.154+/-0.185 χ^2/NDF : 1328659.7/4

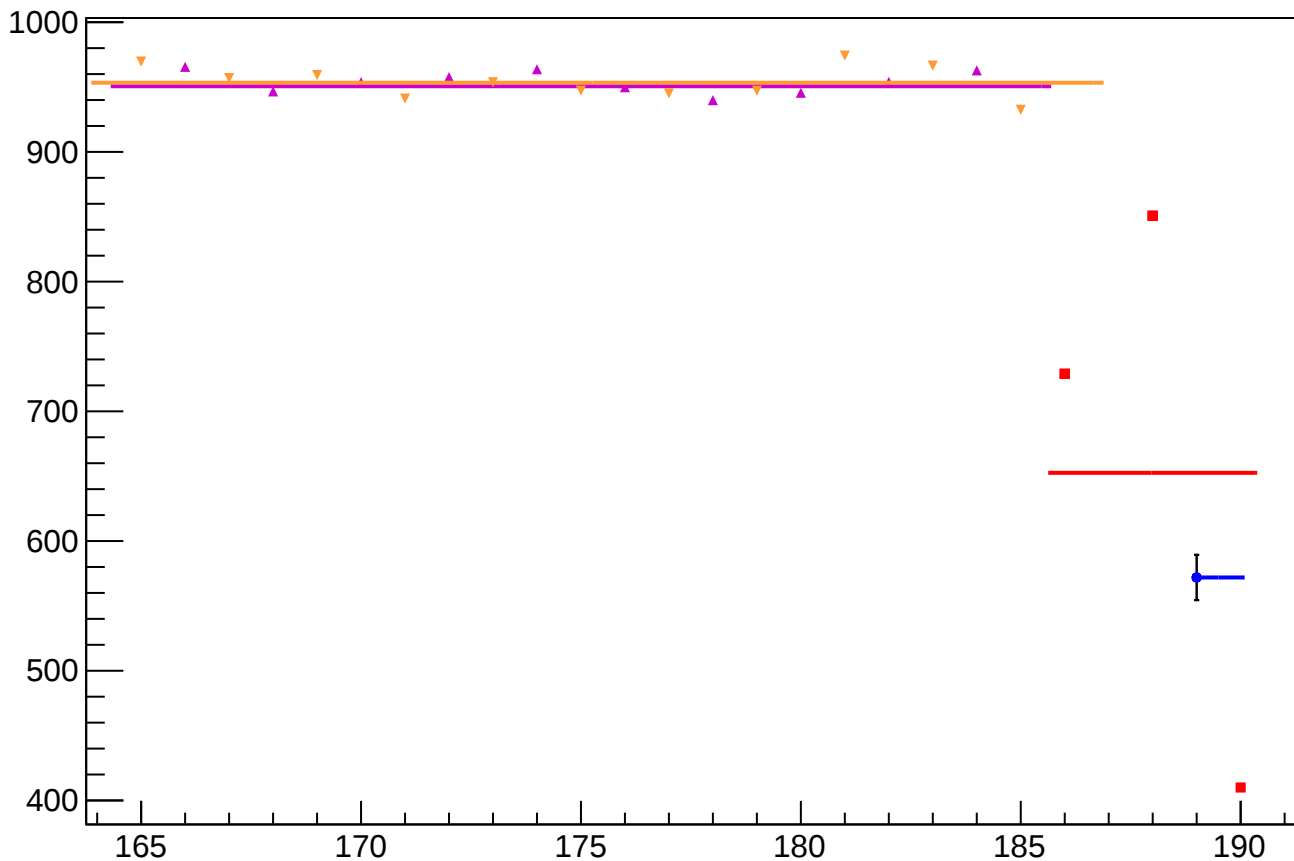
Left In: -839.784+/-0.215 χ^2/NDF : 7116.8/9

+ sign -844.304+/-0.188 χ^2/NDF : 6258.9/12

All: -781.186+/-0.112 χ^2/NDF : 1850037.2/27

- sign -746.041+/-0.140 χ^2/NDF : 1668426.7/14

dit_atr2_4eX_slope vs Slug



Right In: 571.908 $\pm$ 12.361 χ^2 /NDF: 0.0/1

Left Out: 953.342 $\pm$ 0.149 χ^2 /NDF:3935.0/10

Right Out: 652.588 $\pm$ 0.142 χ^2 /NDF: 2038650.2/4

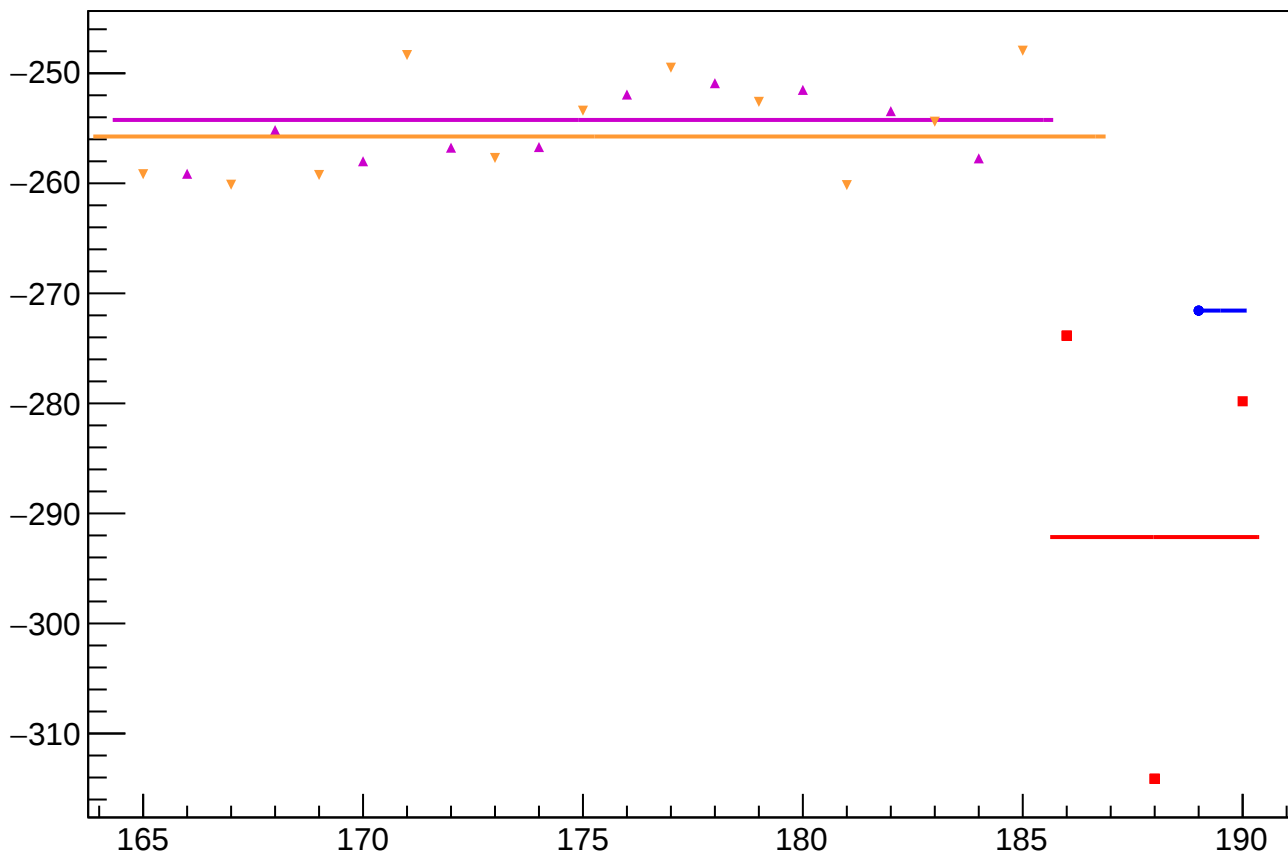
Left In: 950.612 $\pm$ 0.183 χ^2 /NDF:1869.1/9

+ sign 953.287 $\pm$ 0.149 χ^2 /NDF: 4887.0/12

All: 832.856 $\pm$ 0.090 χ^2 /NDF: 4729029.6/27

- sign 764.427 $\pm$ 0.112 χ^2 /NDF: 3696409.0/14

dit_atr2_11X12X_slope vs Slug



Right In: -271.566 ± 0.134 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -255.745 ± 0.035 $\chi^2/\text{NDF}: 16026.2/10$

Right Out: -292.147 ± 0.084 $\chi^2/\text{NDF}: 50037.4/4$

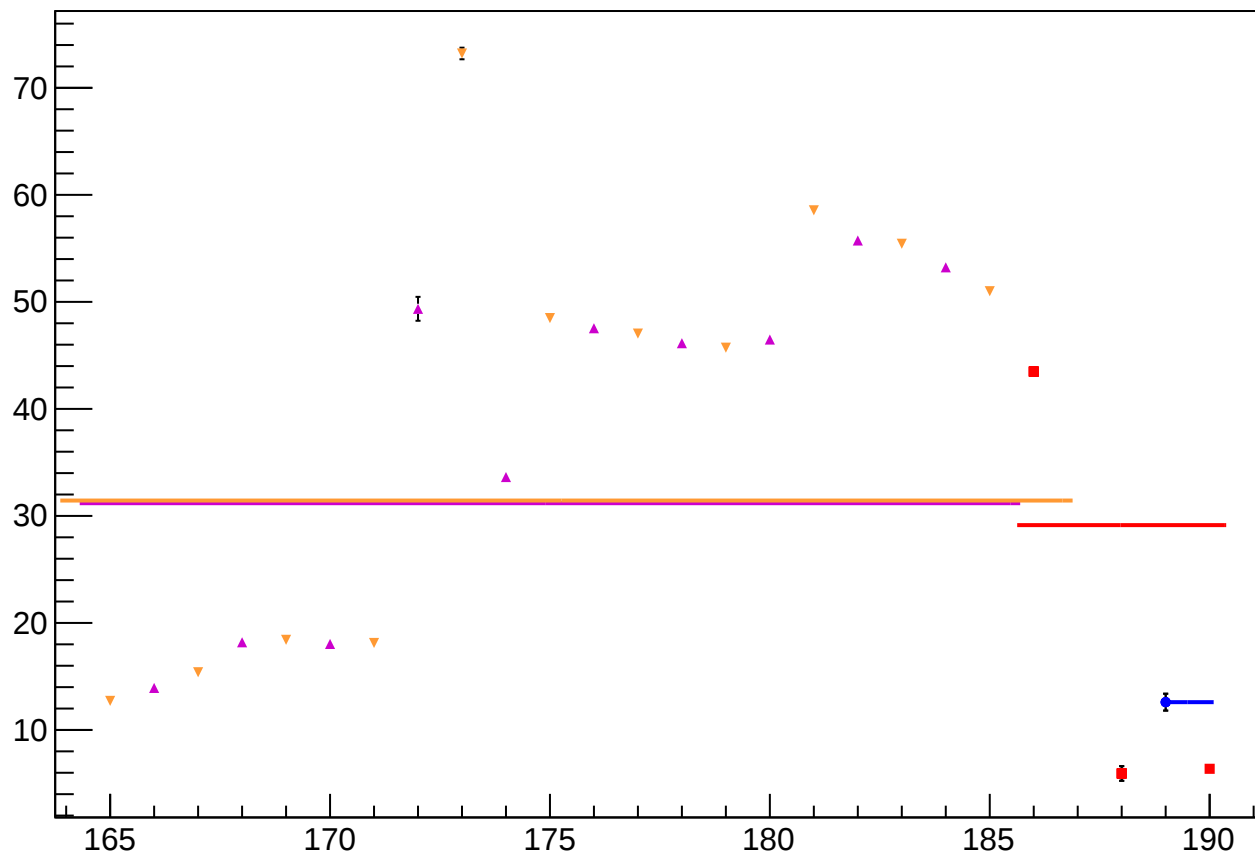
Left In: -254.241 ± 0.035 $\chi^2/\text{NDF}: 6699.9/9$

+ sign -256.755 ± 0.034 $\chi^2/\text{NDF}: 29050.1/12$

All: -258.374 ± 0.023 $\chi^2/\text{NDF}: 263753.4/27$

- sign -259.843 ± 0.032 $\chi^2/\text{NDF}: 230352.8/14$

dit_atr2_4aY_slope vs Slug



Right In: 12.597+/-0.558 χ^2/NDF : 0.0/1

Left Out: 31.437+/-0.025 χ^2/NDF : 525769.8/10

Right Out: 29.140+/-0.207 χ^2/NDF : 7725.4/4

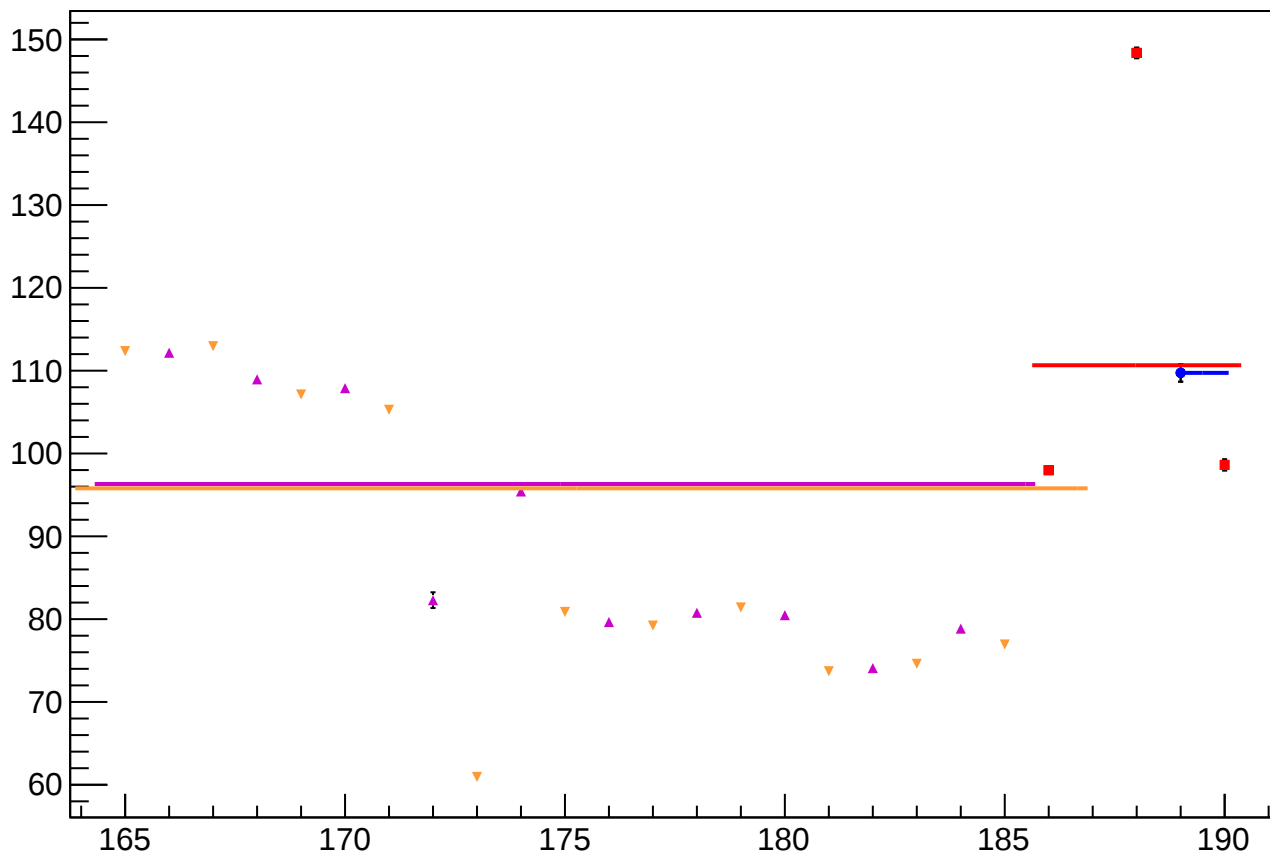
Left In: 31.189+/-0.033 χ^2/NDF : 201361.8/9

+ sign 31.399+/-0.025 χ^2/NDF : 526908.6/12

All: 31.303+/-0.020 χ^2/NDF : 736132.3/27

- sign 31.137+/-0.033 χ^2/NDF : 209183.0/14

dit_atr2_4eY_slope vs Slug



Right In: 109.737 $\pm$ 0.754 χ^2 /NDF: 0.0/1

Left Out: 95.792 $\pm$ 0.031 χ^2 /NDF:254044.5/10

Right Out: 110.655 $\pm$ 0.225 χ^2 /NDF: 9411.2/4

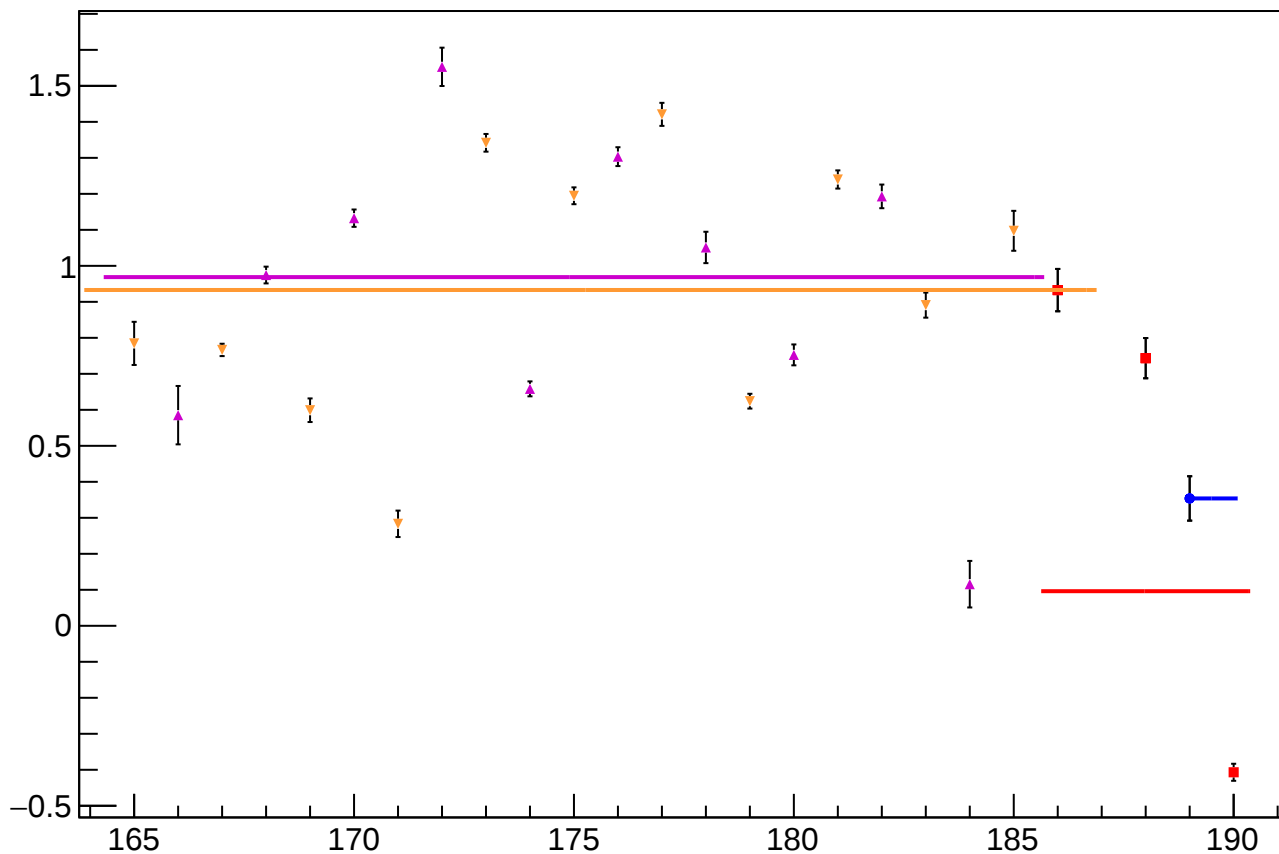
Left In: 96.315 $\pm$ 0.028 χ^2 /NDF:224406.6/9

+ sign 95.817 $\pm$ 0.031 χ^2 /NDF: 254385.8/12

All: 96.220 $\pm$ 0.021 χ^2 /NDF: 492514.6/27

- sign 96.533 $\pm$ 0.028 χ^2 /NDF: 237835.7/14

dit_sam1_4aX_slope vs Slug



Right In: 0.354 $\pm$ 0.044 χ^2 /NDF: 0.0/1

Left Out: 0.933 $\pm$ 0.008 χ^2 /NDF:1534.8/10

Right Out: 0.096 $\pm$ 0.018 χ^2 /NDF: 1124.8/4

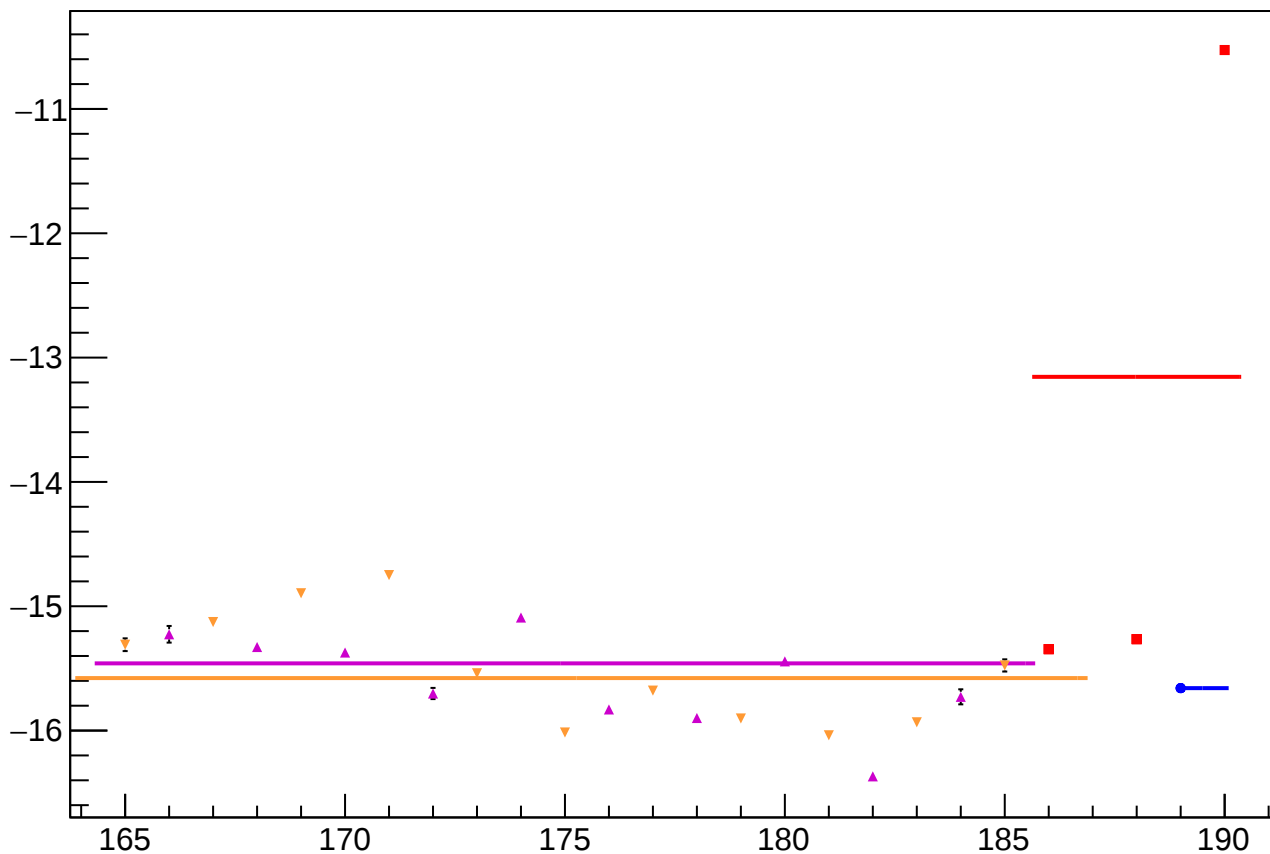
Left In: 0.969 $\pm$ 0.010 χ^2 /NDF:855.9/9

+ sign 0.913 $\pm$ 0.008 χ^2 /NDF: 1705.1/12

All: 0.849 $\pm$ 0.006 χ^2 /NDF: 5605.8/27

- sign 0.778 $\pm$ 0.009 χ^2 /NDF: 3767.9/14

dit_sam1_4eX_slope vs Slug



Right In: -15.659 ± 0.012 χ^2/NDF : 0.0/1

Left Out: -15.578 ± 0.006 χ^2/NDF : 4380.6/10

Right Out: -13.155 ± 0.013 χ^2/NDF : 34958.0/4

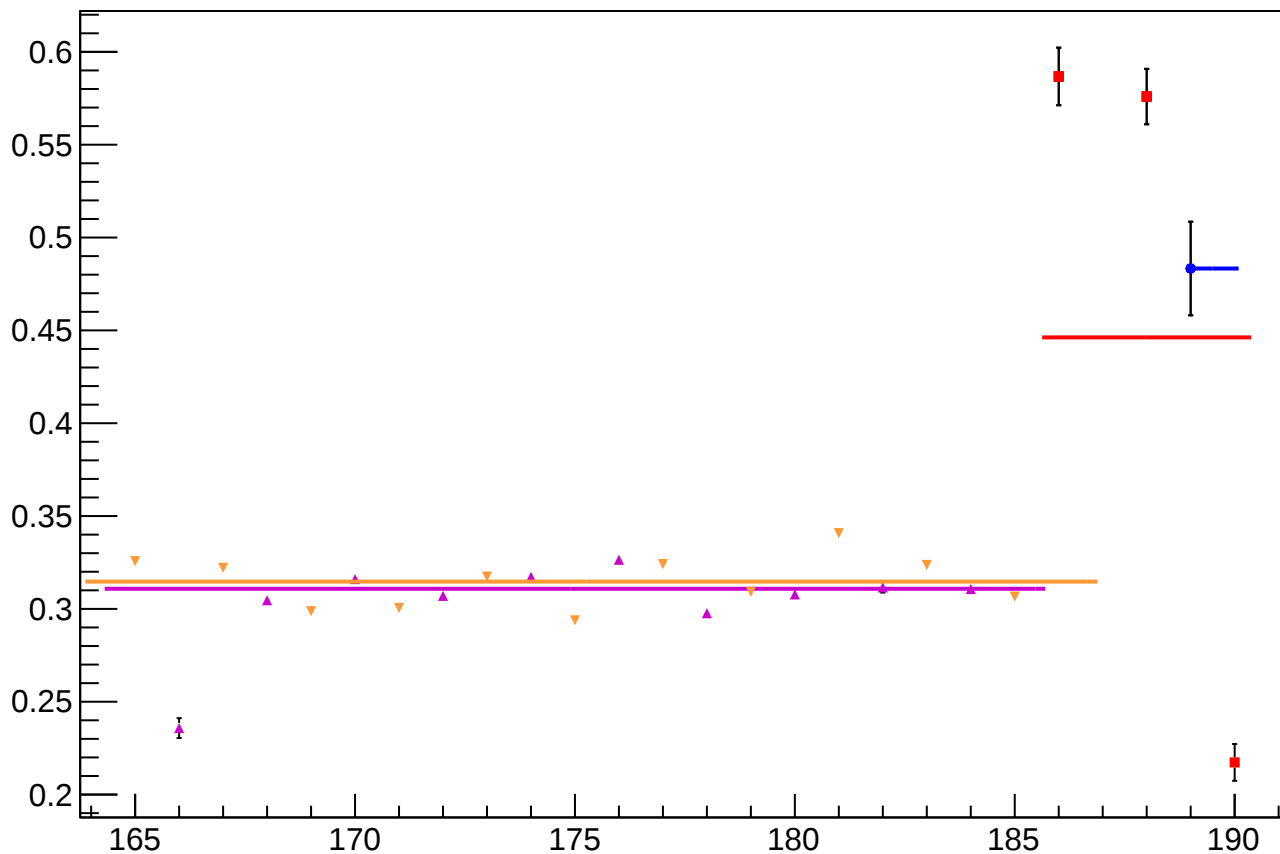
Left In: -15.459 ± 0.009 χ^2/NDF : 1441.1/9

+ sign -15.596 ± 0.006 χ^2/NDF : 4416.2/12

All: -15.262 ± 0.004 χ^2/NDF : 72195.6/27

- sign -14.732 ± 0.007 χ^2/NDF : 58819.9/14

dit_sam1_11X12X_slope vs Slug



Right In: 0.483 $\pm$ 0.018 χ^2 /NDF: 0.0/1

Left Out: 0.315 $\pm$ 0.000 χ^2 /NDF:1369.8/10

Right Out: 0.446 $\pm$ 0.006 χ^2 /NDF: 849.4/4

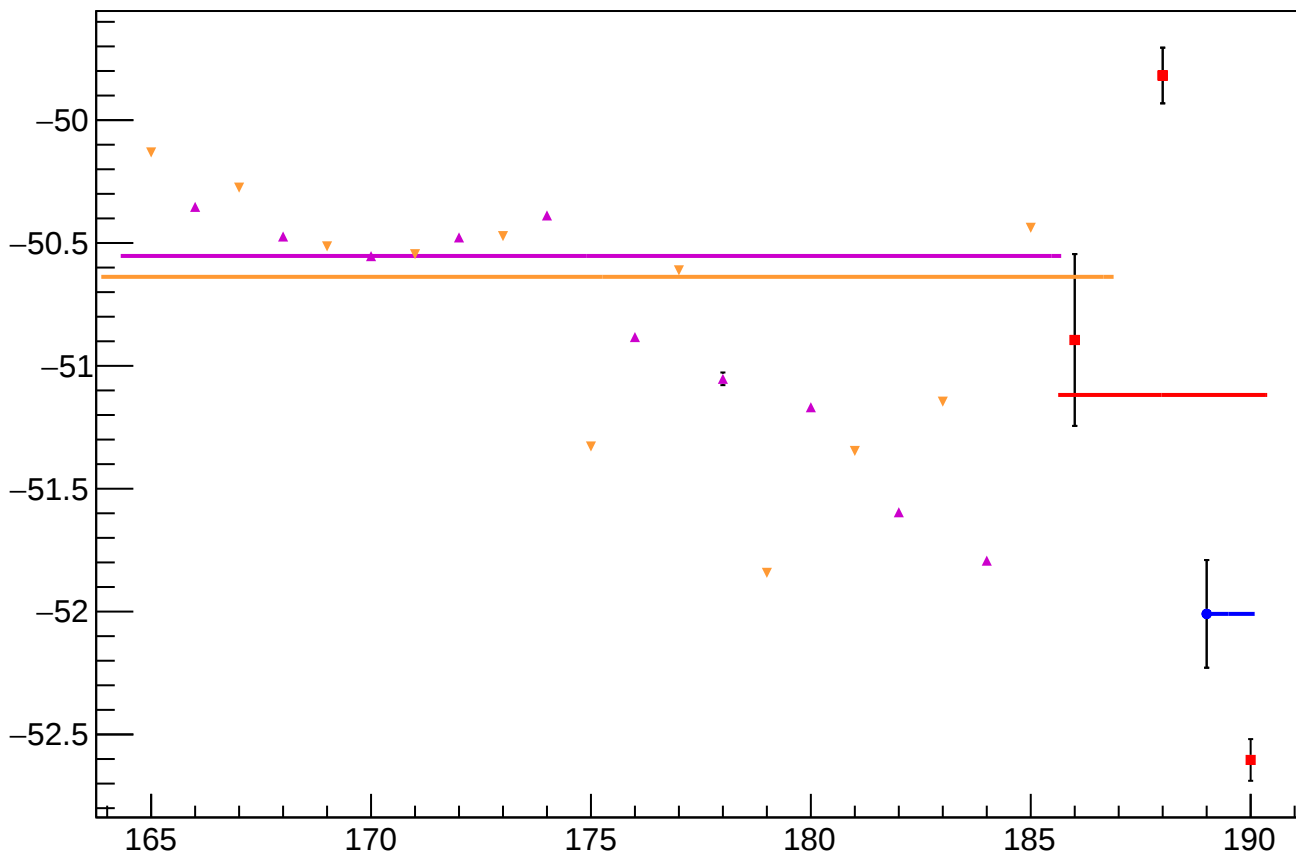
Left In: 0.311 $\pm$ 0.000 χ^2 /NDF:623.0/9

+ sign 0.315 $\pm$ 0.000 χ^2 /NDF: 1459.2/12

All: 0.313 $\pm$ 0.000 χ^2 /NDF: 3487.7/27

- sign 0.311 $\pm$ 0.000 χ^2 /NDF: 1974.4/14

dit_sam1_4aY_slope vs Slug



Right In: -52.009 ± 0.155 χ^2/NDF : 0.0/1

Left Out: -50.638 ± 0.002 χ^2/NDF : 40898.4/10

Right Out: -51.118 ± 0.057 χ^2/NDF : 570.6/4

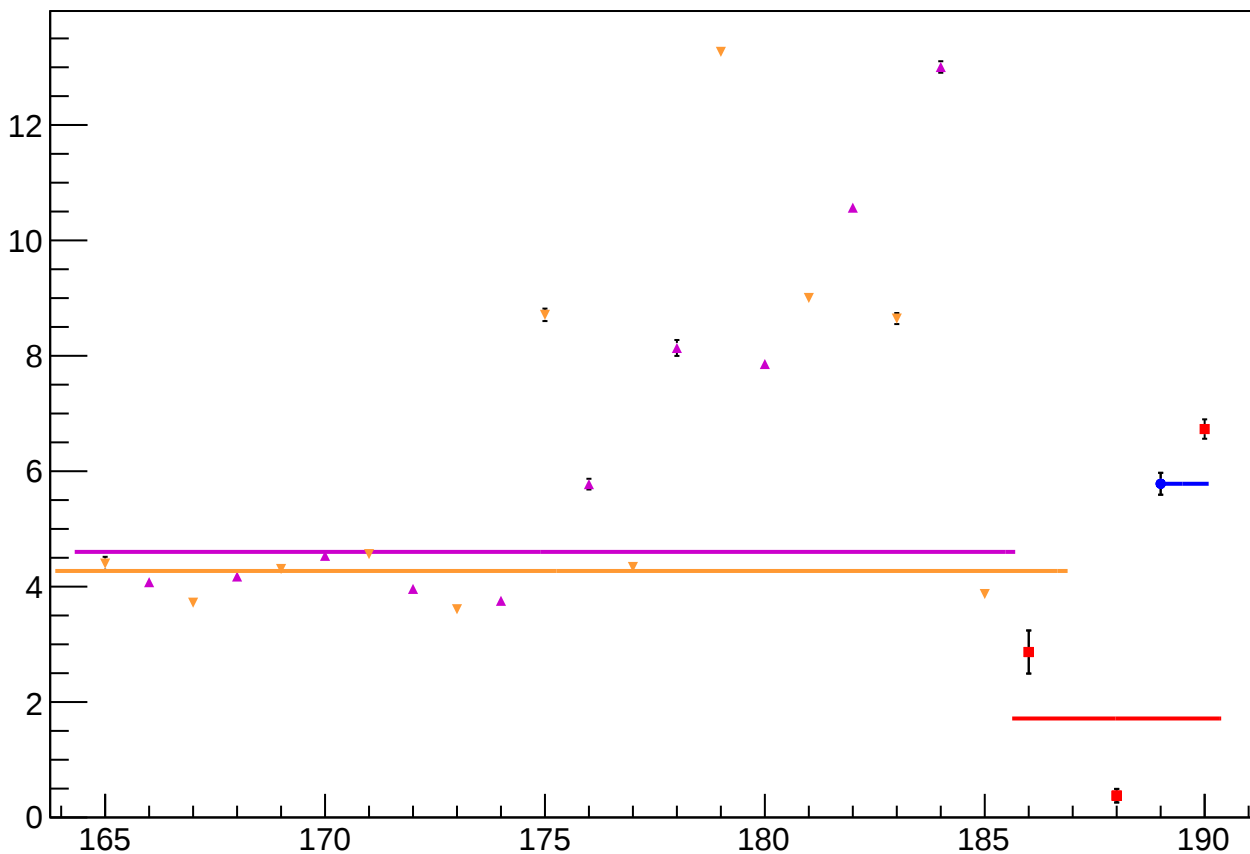
Left In: -50.553 ± 0.002 χ^2/NDF : 13787.7/9

+ sign -50.638 ± 0.002 χ^2/NDF : 40976.7/12

All: -50.599 ± 0.002 χ^2/NDF : 56211.3/27

- sign -50.554 ± 0.002 χ^2/NDF : 14457.6/14

dit_sam1_4eY_slope vs Slug



Right In: 5.782 ± 0.134 χ^2/NDF : 0.0/1

Left Out: 4.272 ± 0.006 χ^2/NDF : 43199.6/10

Right Out: 1.715 ± 0.072 χ^2/NDF : 1167.7/4

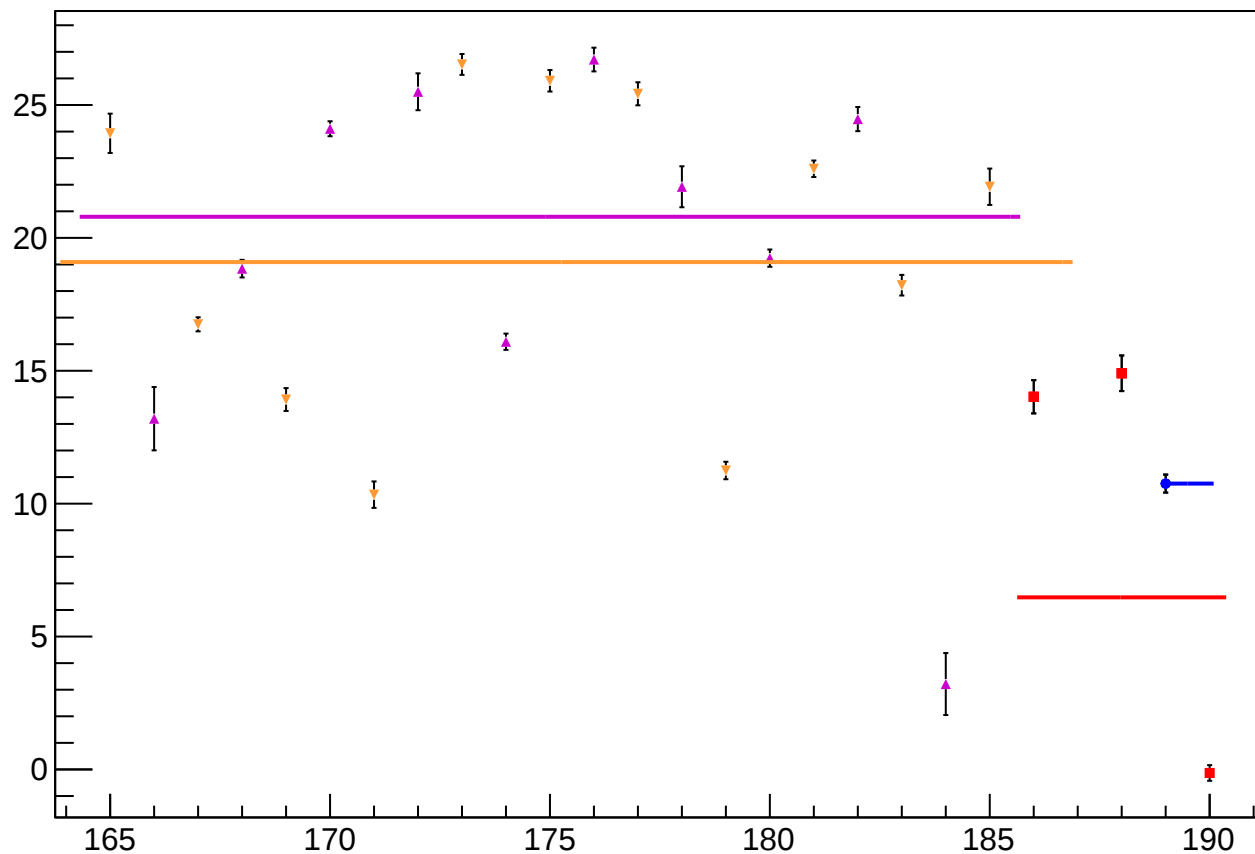
Left In: 4.602 ± 0.010 χ^2/NDF : 22721.7/9

+ sign 4.275 ± 0.006 χ^2/NDF : 43326.1/12

All: 4.355 ± 0.005 χ^2/NDF : 69372.6/27

- sign 4.549 ± 0.010 χ^2/NDF : 25482.0/14

dit_sam2_4aX_slope vs Slug



Right In: 10.755+/-0.240 χ^2 /NDF: 0.0/1

Left Out: 19.090+/-0.118 χ^2 /NDF:2149.8/10

Right Out: 6.475+/-0.218 χ^2 /NDF: 1111.6/4

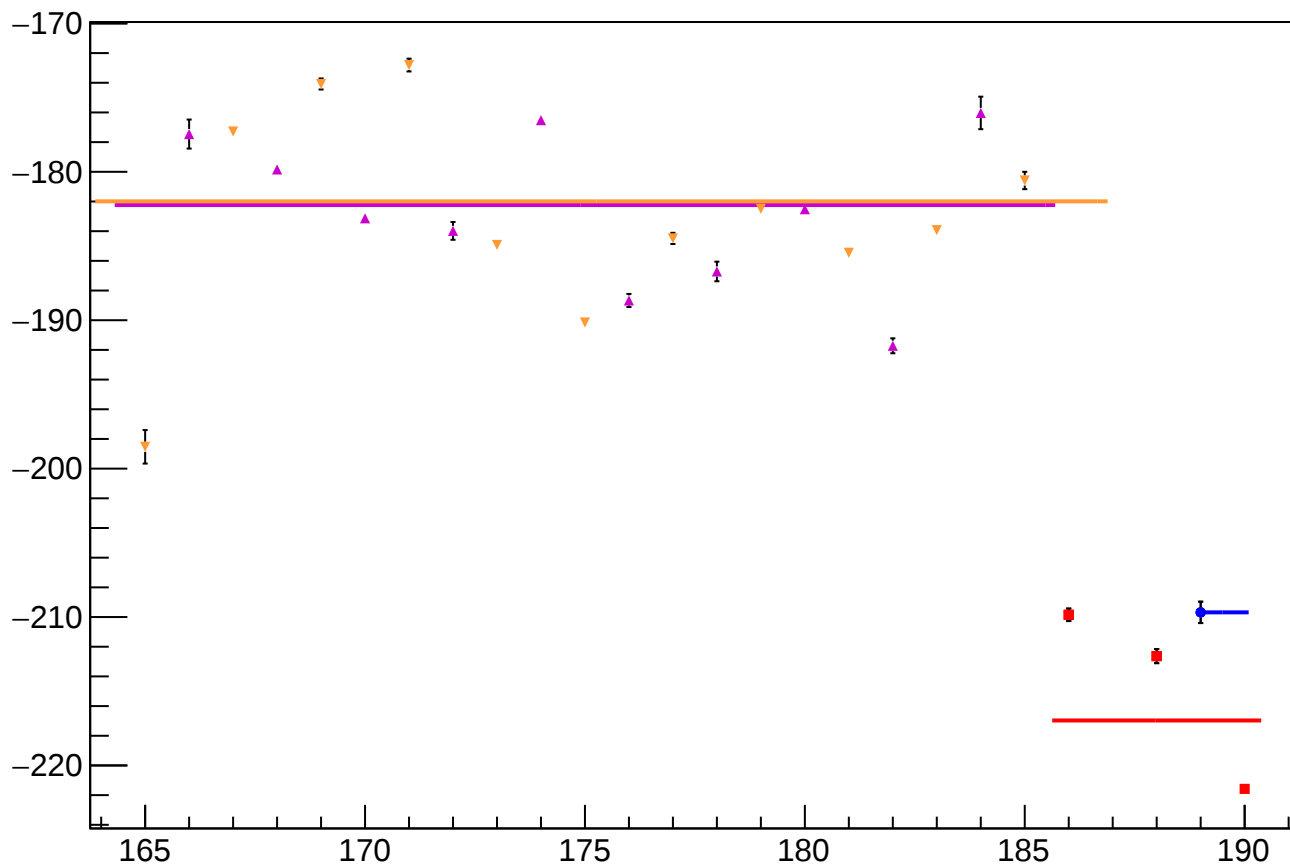
Left In: 20.794+/-0.133 χ^2 /NDF:988.8/9

+ sign 17.465+/-0.106 χ^2 /NDF: 3122.6/12

All: 17.212+/-0.077 χ^2 /NDF: 8392.2/27

- sign 16.921+/-0.113 χ^2 /NDF: 5257.3/14

dit_sam2_4eX_slope vs Slug



Right In: -209.685 ± 0.509 χ^2/NDF : 0.0/1

Left Out: -181.989 ± 0.100 χ^2/NDF : 2607.2/10

Right Out: -216.970 ± 0.147 χ^2/NDF : 1291.1/4

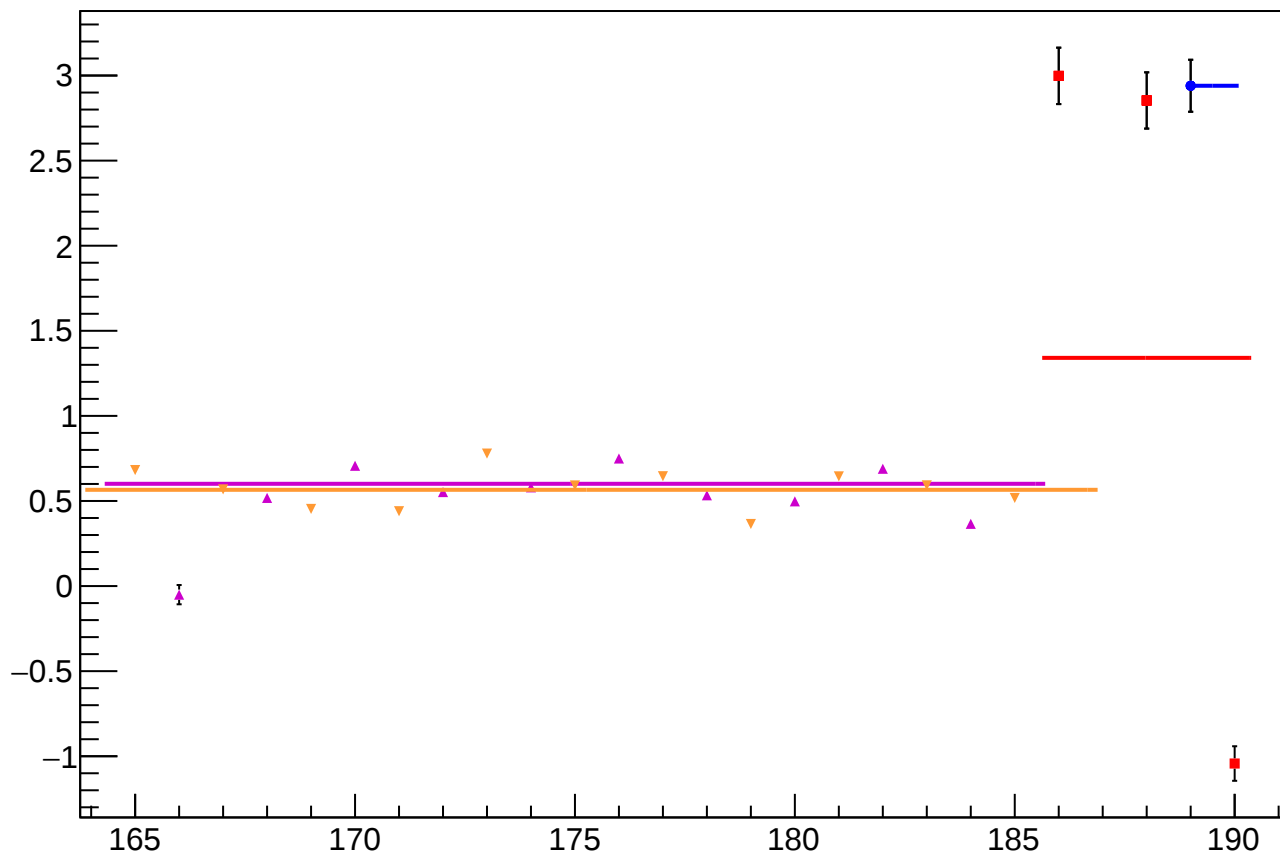
Left In: -182.239 ± 0.120 χ^2/NDF : 1143.2/9

+ sign -183.012 ± 0.098 χ^2/NDF : 5456.8/12

All: -189.894 ± 0.067 χ^2/NDF : 50679.1/27

- sign -196.134 ± 0.093 χ^2/NDF : 35789.0/14

dit_sam2_11X12X_slope vs Slug



Right In: 2.940 $\pm$ 0.108 χ^2 /NDF: 0.0/1

Left Out: 0.566 $\pm$ 0.002 χ^2 /NDF:2695.9/10

Right Out: 1.341 $\pm$ 0.064 χ^2 /NDF: 918.5/4

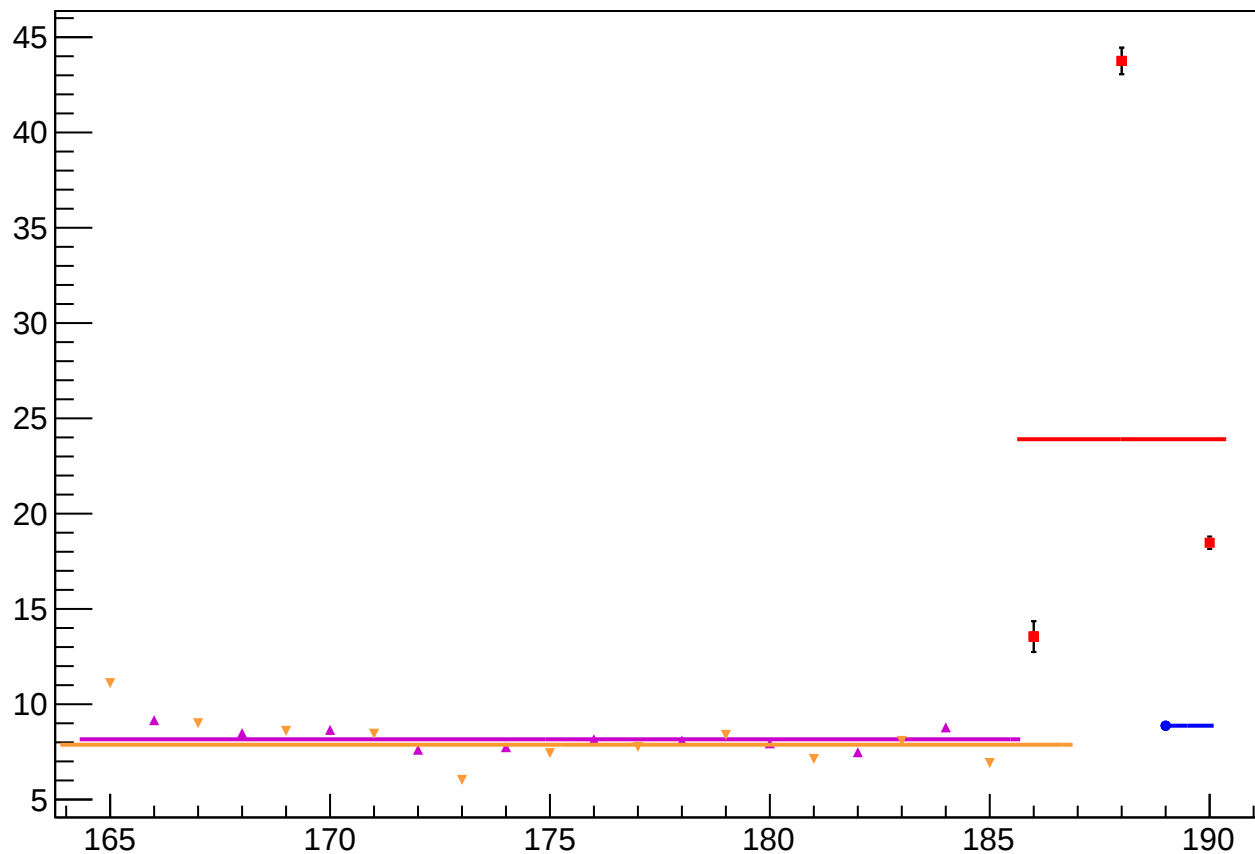
Left In: 0.601 $\pm$ 0.002 χ^2 /NDF:2483.0/9

+ sign 0.567 $\pm$ 0.002 χ^2 /NDF: 3178.8/12

All: 0.585 $\pm$ 0.002 χ^2 /NDF: 6840.7/27

- sign 0.602 $\pm$ 0.002 χ^2 /NDF: 3534.4/14

dit_sam2_4aY_slope vs Slug



Right In: 8.873 ± 0.063 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 7.876 ± 0.009 $\chi^2/\text{NDF}: 9845.3/10$

Right Out: 23.906 ± 0.247 $\chi^2/\text{NDF}: 2226.1/4$

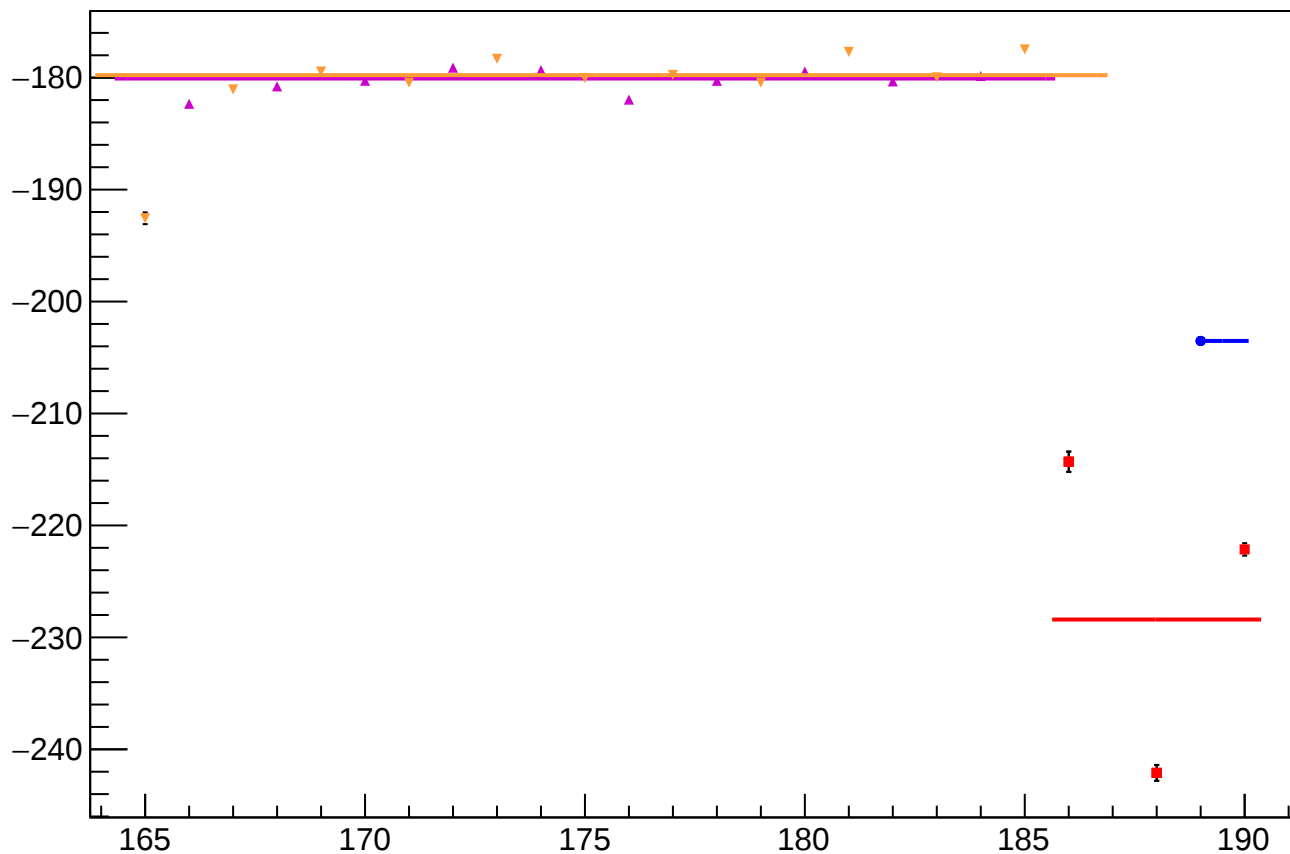
Left In: 8.160 ± 0.009 $\chi^2/\text{NDF}: 1893.7/9$

+ sign 7.895 ± 0.009 $\chi^2/\text{NDF}: 10094.3/12$

All: 8.026 ± 0.006 $\chi^2/\text{NDF}: 18795.2/27$

- sign 8.183 ± 0.009 $\chi^2/\text{NDF}: 8189.2/14$

dit_sam2_4eY_slope vs Slug



Right In: -203.518 ± 0.199 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -179.776 ± 0.015 $\chi^2/\text{NDF}: 5834.3/10$

Right Out: -228.405 ± 0.322 $\chi^2/\text{NDF}: 1357.2/4$

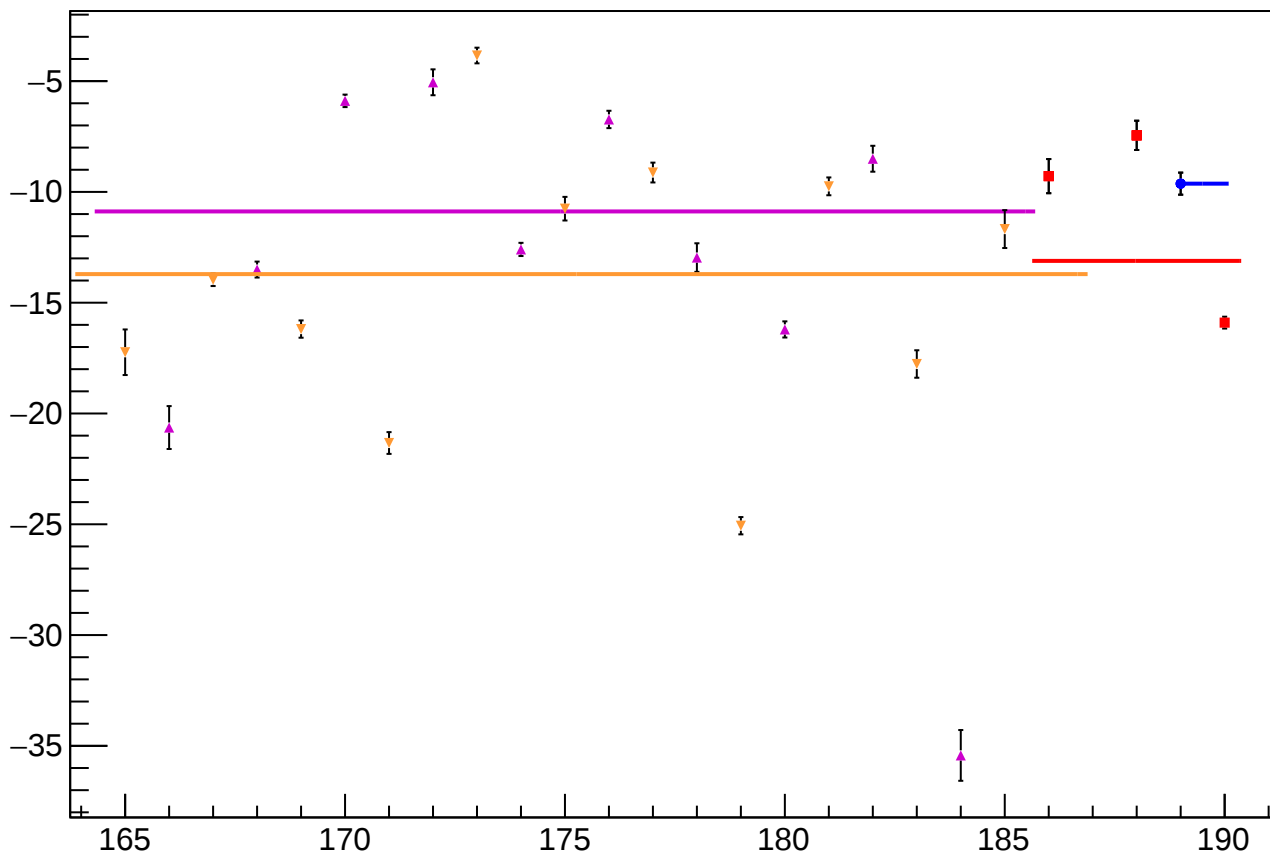
Left In: -180.079 ± 0.015 $\chi^2/\text{NDF}: 3442.9/9$

+ sign -179.903 ± 0.015 $\chi^2/\text{NDF}: 20049.1/12$

All: -180.038 ± 0.011 $\chi^2/\text{NDF}: 47484.5/27$

- sign -180.189 ± 0.015 $\chi^2/\text{NDF}: 27253.1/14$

dit_sam3_4aX_slope vs Slug



Right In: -9.628 ± 0.352 χ^2/NDF : 0.0/1

Left Out: -13.710 ± 0.132 χ^2/NDF : 2200.0/10

Right Out: -13.113 ± 0.214 χ^2/NDF : 304.8/4

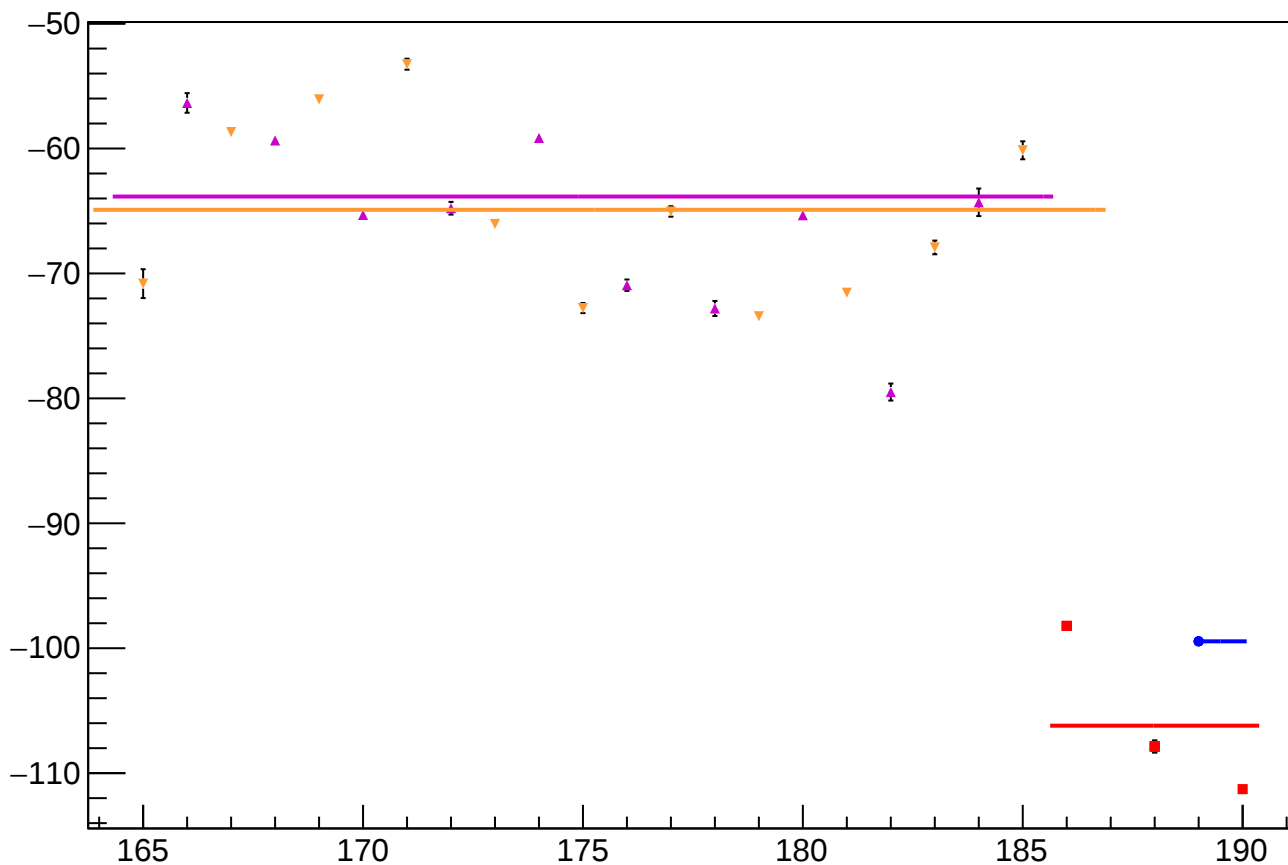
Left In: -10.881 ± 0.134 χ^2/NDF : 1412.1/9

+ sign -13.207 ± 0.124 χ^2/NDF : 2317.8/12

All: -12.287 ± 0.084 χ^2/NDF : 4215.1/27

- sign -11.511 ± 0.114 χ^2/NDF : 1795.2/14

dit_sam3_4eX_slope vs Slug



Right In: -99.449 ± 0.282 χ^2/NDF : 0.0/1

Left Out: -64.905 ± 0.103 χ^2/NDF : 4392.1/10

Right Out: -106.200 ± 0.146 χ^2/NDF : 1597.1/4

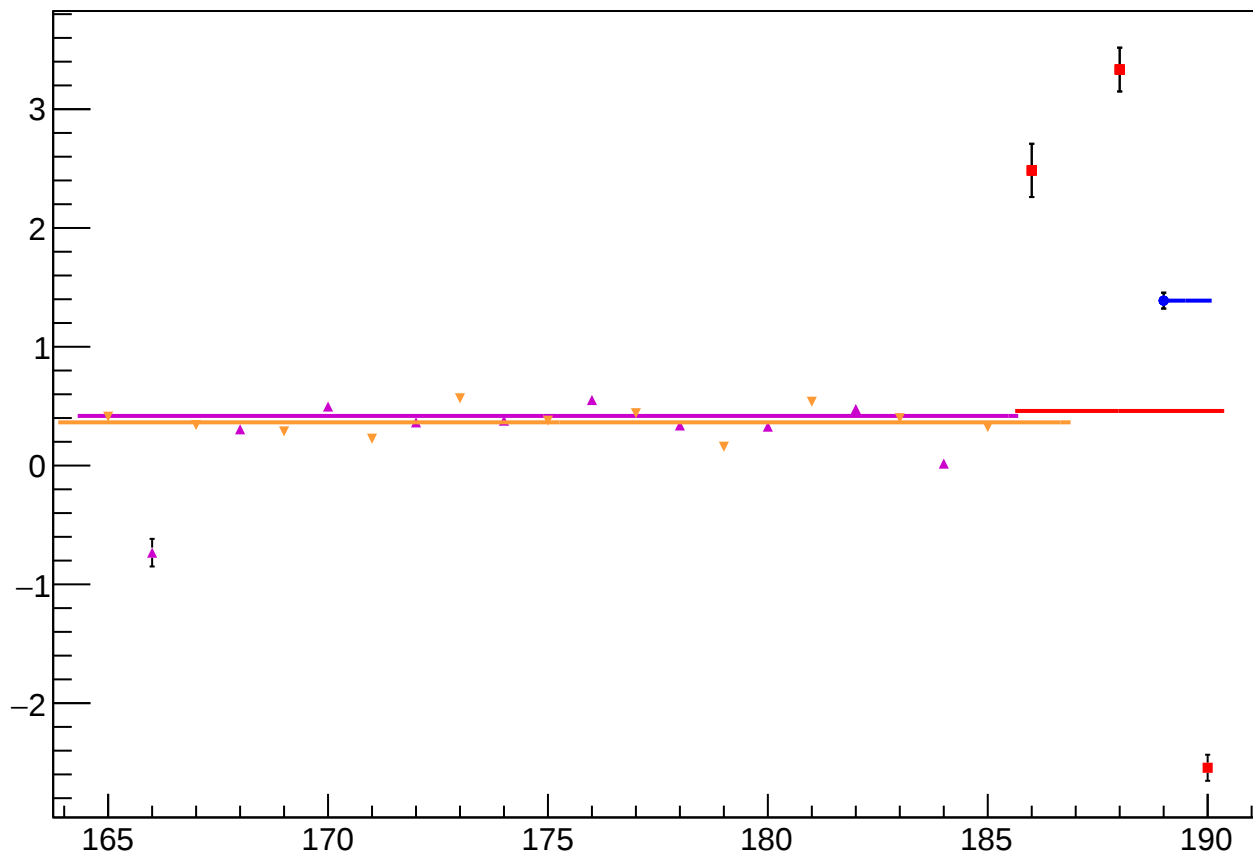
Left In: -63.845 ± 0.119 χ^2/NDF : 1717.6/9

+ sign -68.957 ± 0.097 χ^2/NDF : 17595.9/12

All: -75.100 ± 0.067 χ^2/NDF : 78934.7/27

- sign -80.708 ± 0.092 χ^2/NDF : 53625.0/14

dit_sam3_11X12X_slope vs Slug



Right In: 1.388 ± 0.047 χ^2/NDF : 0.0/1

Left Out: 0.364 ± 0.002 χ^2/NDF : 3823.2/10

Right Out: 0.460 ± 0.074 χ^2/NDF : 1399.4/4

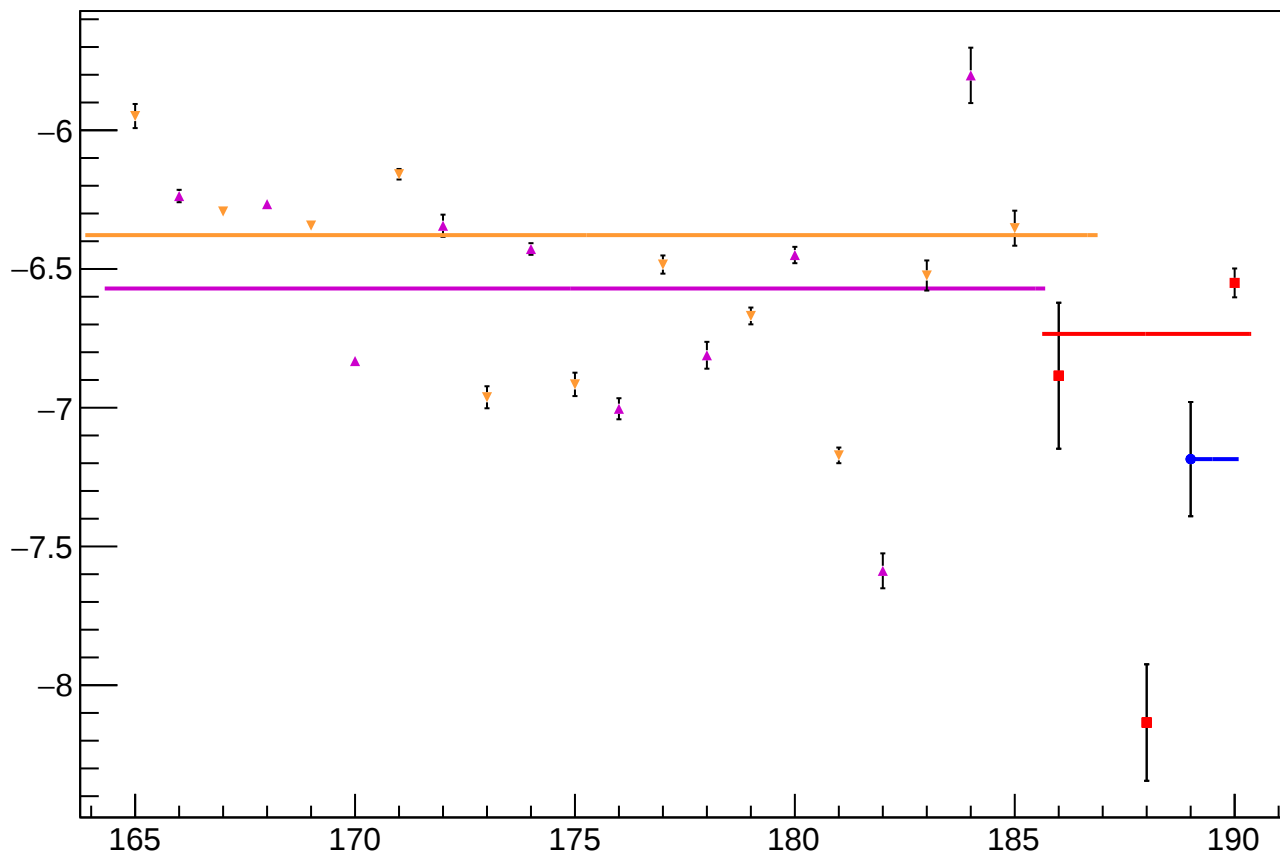
Left In: 0.418 ± 0.002 χ^2/NDF : 2639.9/9

+ sign 0.366 ± 0.002 χ^2/NDF : 4293.2/12

All: 0.393 ± 0.002 χ^2/NDF : 8628.0/27

- sign 0.418 ± 0.002 χ^2/NDF : 4039.6/14

dit_sam3_4aY_slope vs Slug



Right In: -7.185 ± 0.146 χ^2/NDF : 0.0/1

Left Out: -6.378 ± 0.006 χ^2/NDF : 1615.1/10

Right Out: -6.734 ± 0.047 χ^2/NDF : 102.2/4

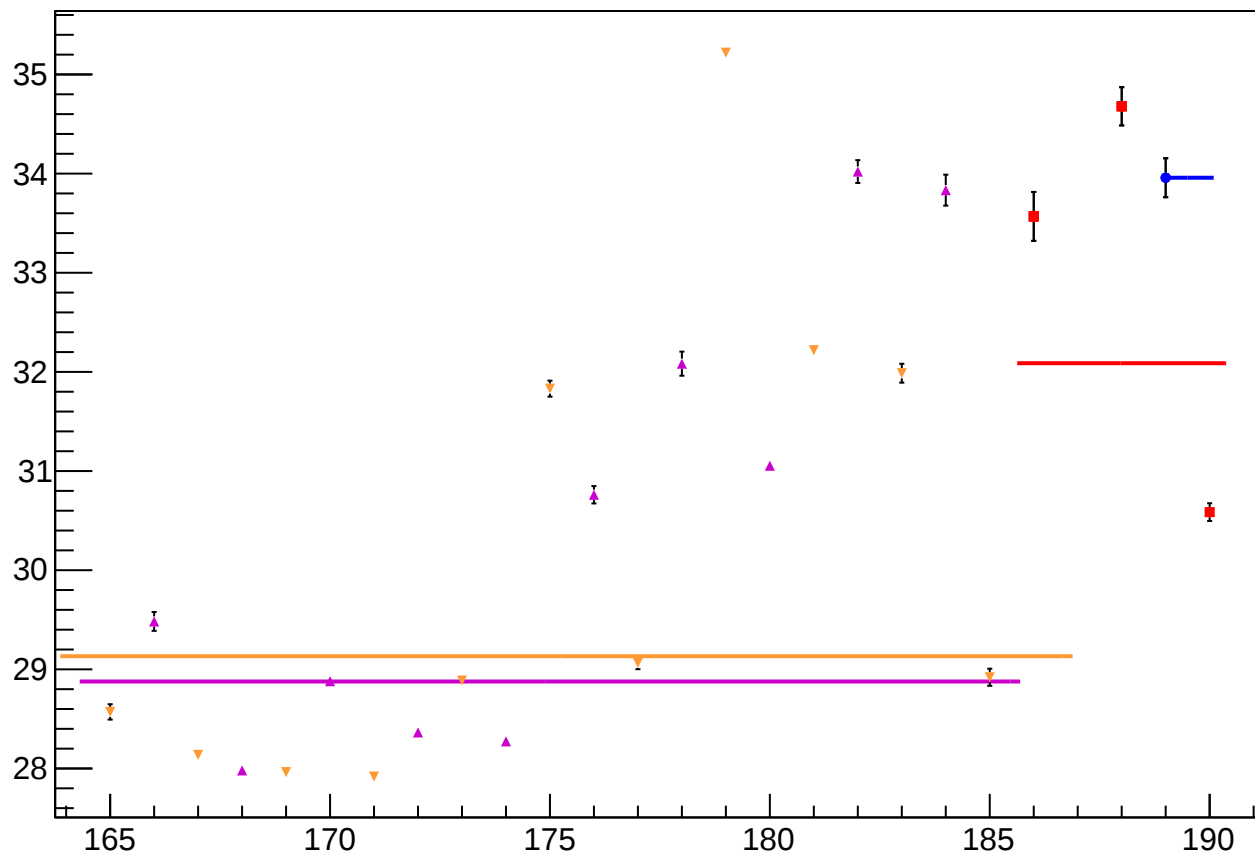
Left In: -6.570 ± 0.007 χ^2/NDF : 1738.3/9

+ sign -6.379 ± 0.006 χ^2/NDF : 1645.8/12

All: -6.465 ± 0.005 χ^2/NDF : 3927.4/27

- sign -6.574 ± 0.007 χ^2/NDF : 1852.1/14

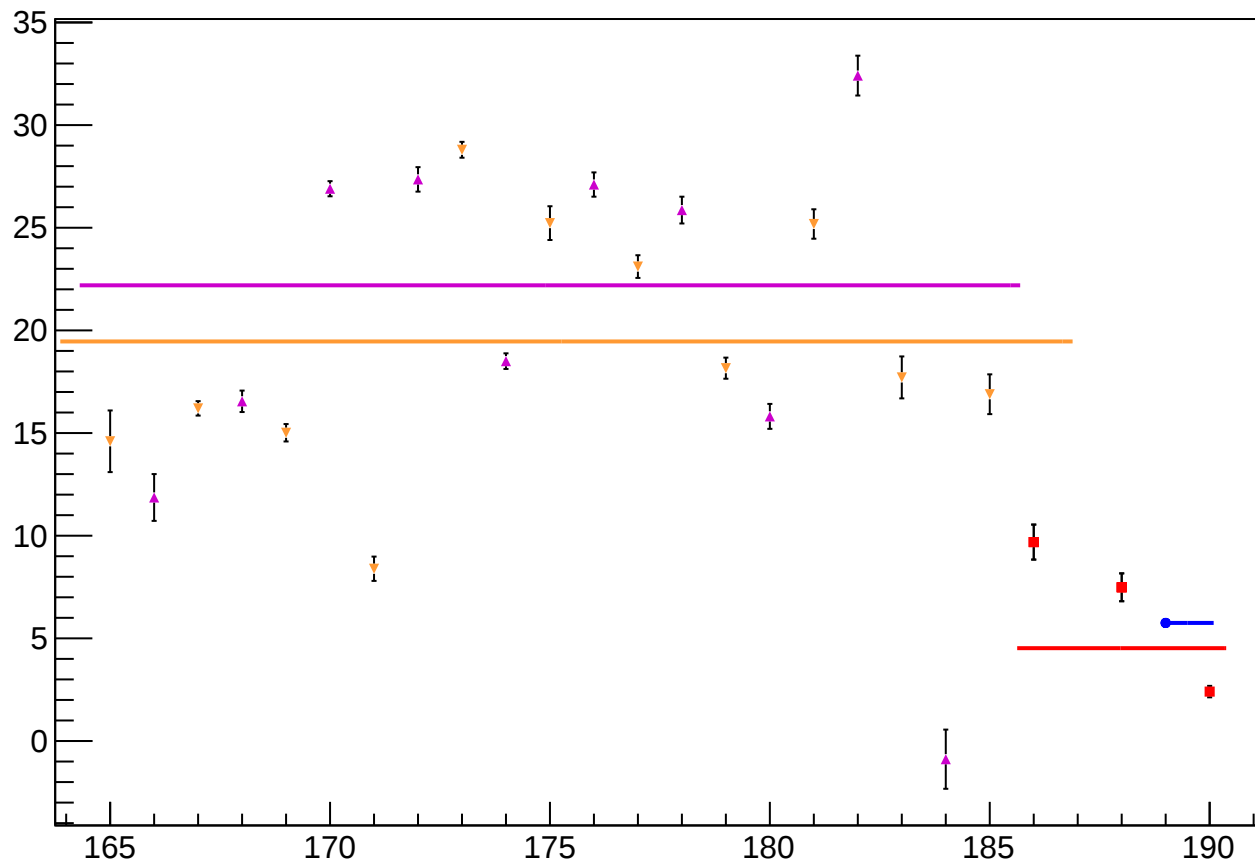
dit_sam3_4eY_slope vs Slug



Right In: 33.959 $\pm$ 0.139 χ^2/NDF : 0.0/1
 Left Out: 29.132 $\pm$ 0.011 χ^2/NDF : 31708.4/10
 Right Out: 32.088 $\pm$ 0.069 χ^2/NDF : 714.7/4
 Left In: 28.877 $\pm$ 0.013 χ^2/NDF : 7789.7/9

+ sign 29.163 $\pm$ 0.011 χ^2/NDF : 32906.9/12
 All: 29.089 $\pm$ 0.008 χ^2/NDF : 43622.1/27
 - sign 28.989 $\pm$ 0.013 χ^2/NDF : 10609.7/14

dit_sam4_4aX_slope vs Slug



Right In: 5.751 $\pm$ 0.117 χ^2 /NDF: 0.0/1

Left Out: 19.461 $\pm$ 0.166 χ^2 /NDF:1312.9/10

Right Out: 4.522 $\pm$ 0.224 χ^2 /NDF: 169.1/4

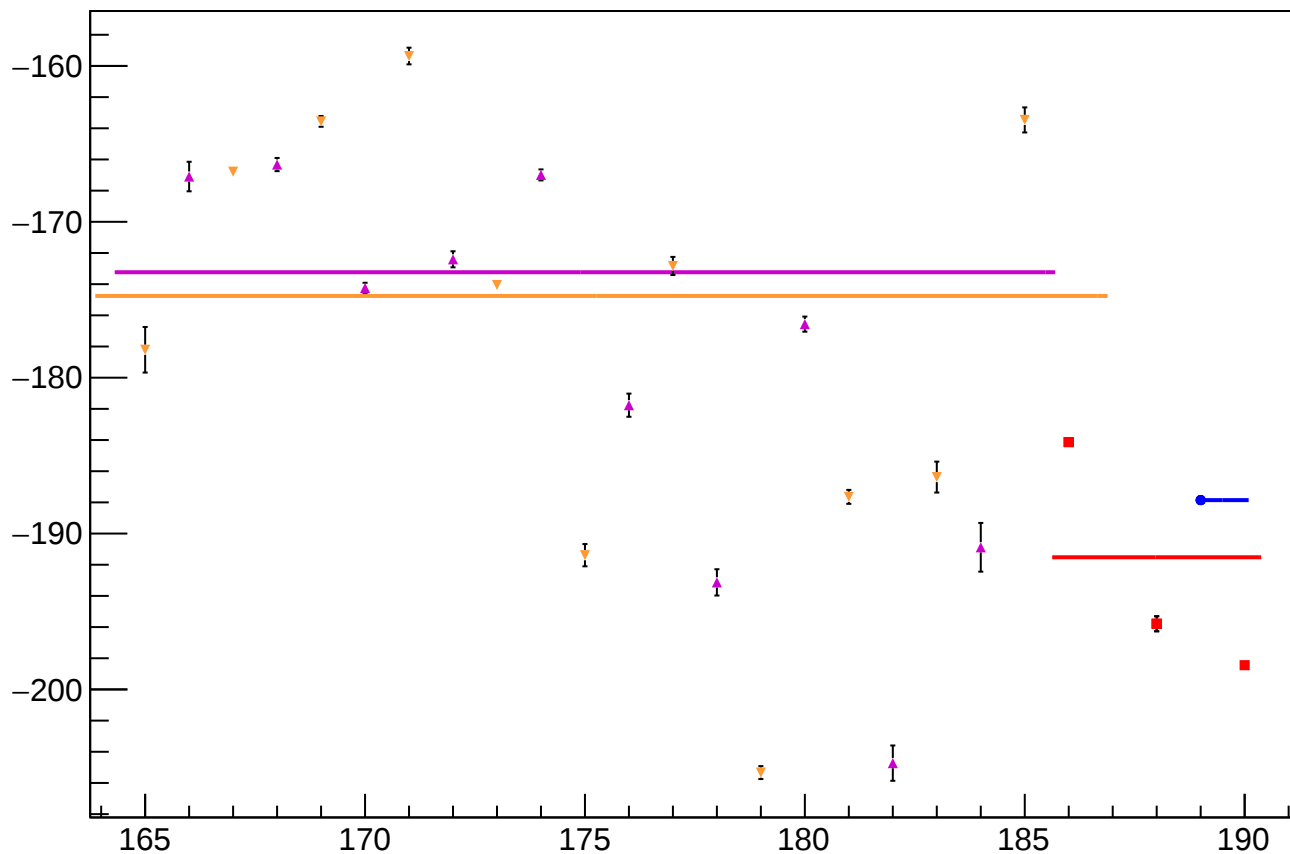
Left In: 22.196 $\pm$ 0.180 χ^2 /NDF:1109.3/9

+ sign 10.295 $\pm$ 0.096 χ^2 /NDF: 5855.1/12

All: 11.881 $\pm$ 0.079 χ^2 /NDF: 11782.9/27

- sign 15.281 $\pm$ 0.140 χ^2 /NDF: 5065.1/14

dit_sam4_4eX_slope vs Slug



Right In: -187.855+/-0.135 χ^2/NDF : 0.0/1

Left Out: -174.755+/-0.136 χ^2/NDF : 9913.5/10

Right Out: -191.521+/-0.151 χ^2/NDF : 1970.6/4

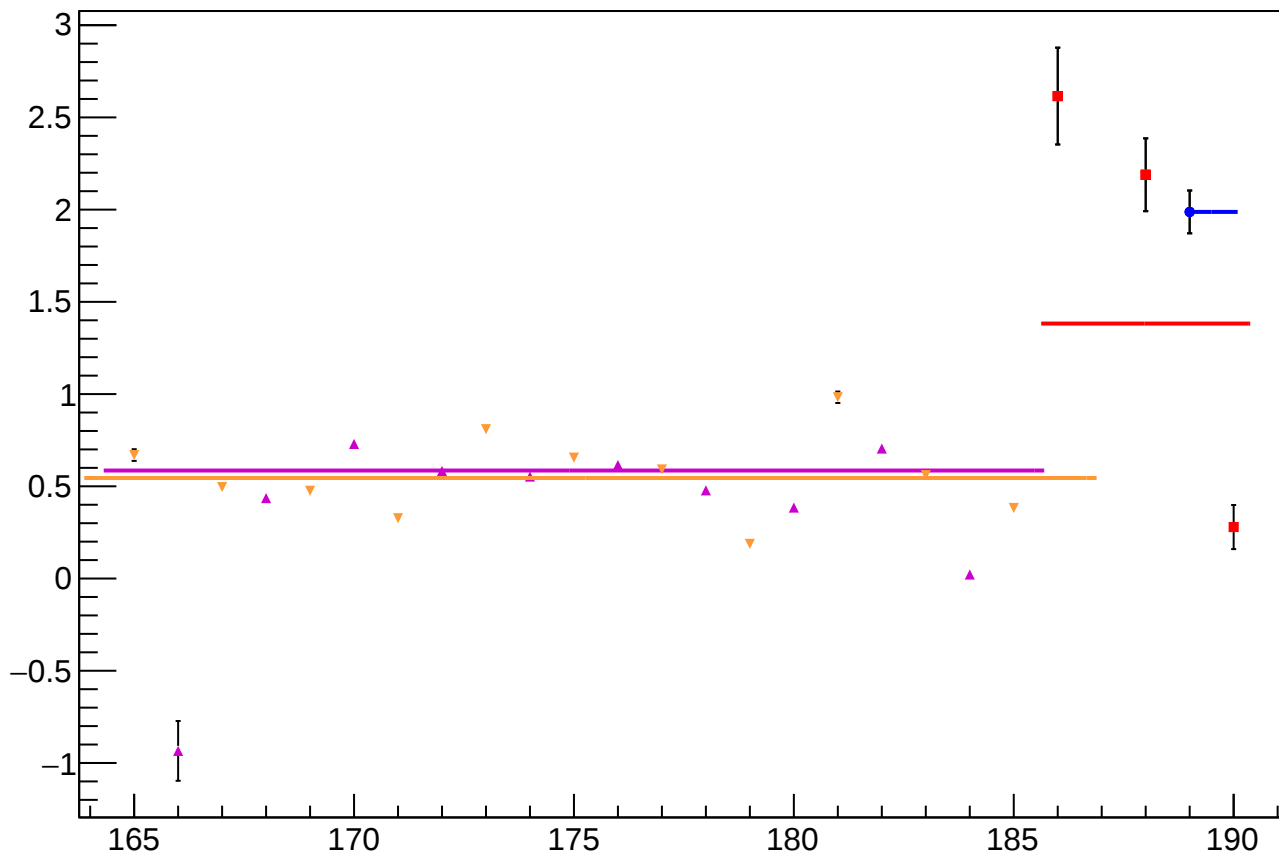
Left In: -173.235+/-0.166 χ^2/NDF : 2266.3/9

+ sign -181.328+/-0.096 χ^2/NDF : 14601.2/12

All: -182.139+/-0.073 χ^2/NDF : 25620.8/27

- sign -183.250+/-0.112 χ^2/NDF : 10849.2/14

dit_sam4_11X12X_slope vs Slug



Right In: 1.988 ± 0.082 χ^2/NDF : 0.0/1

Left Out: 0.545 ± 0.003 χ^2/NDF : 5270.1/10

Right Out: 1.382 ± 0.082 χ^2/NDF : 162.7/4

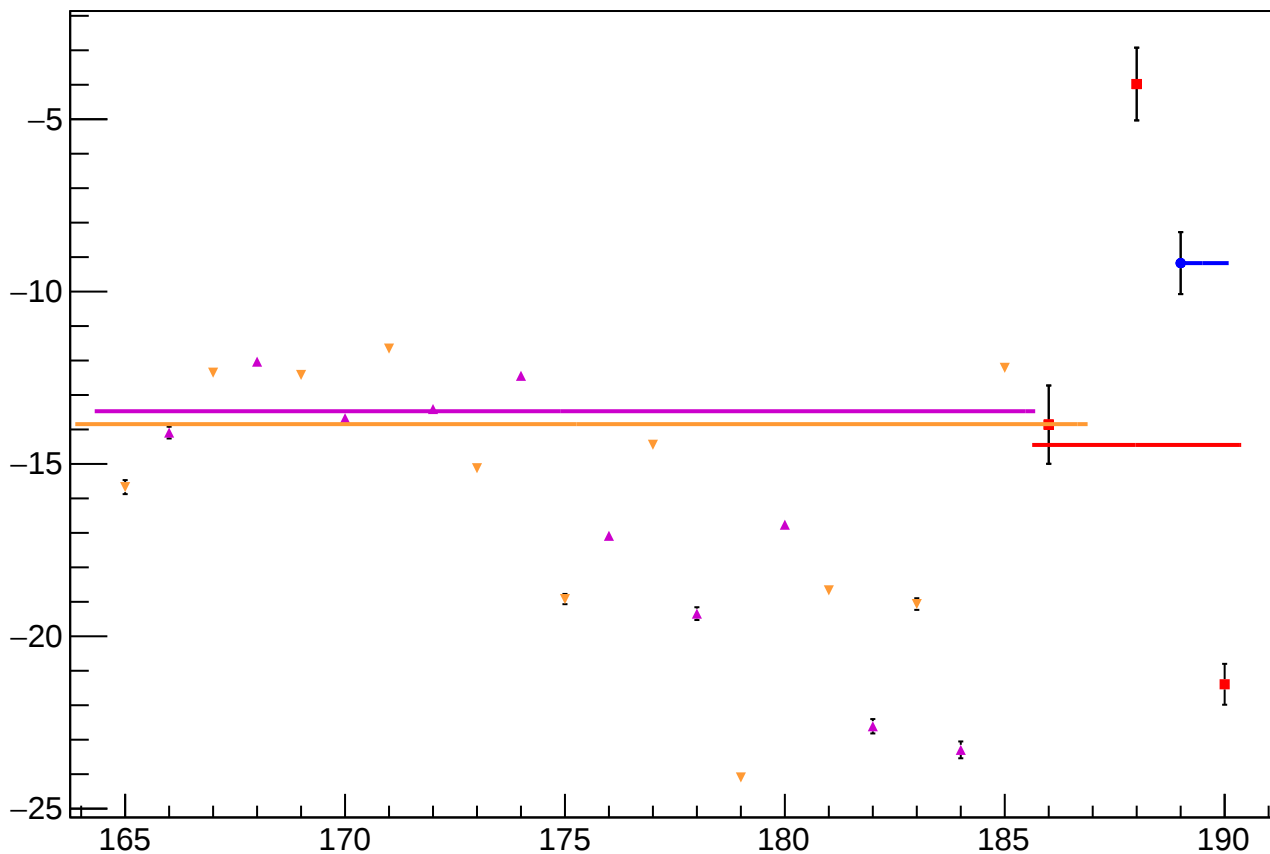
Left In: 0.586 ± 0.003 χ^2/NDF : 1584.0/9

+ sign 0.547 ± 0.003 χ^2/NDF : 5578.7/12

All: 0.564 ± 0.002 χ^2/NDF : 7509.7/27

- sign 0.587 ± 0.003 χ^2/NDF : 1842.0/14

dit_sam4_4aY_slope vs Slug



Right In: -9.174 ± 0.636 χ^2/NDF : 0.0/1

Left Out: -13.845 ± 0.016 χ^2/NDF : 32993.2/10

Right Out: -14.449 ± 0.402 χ^2/NDF : 334.6/4

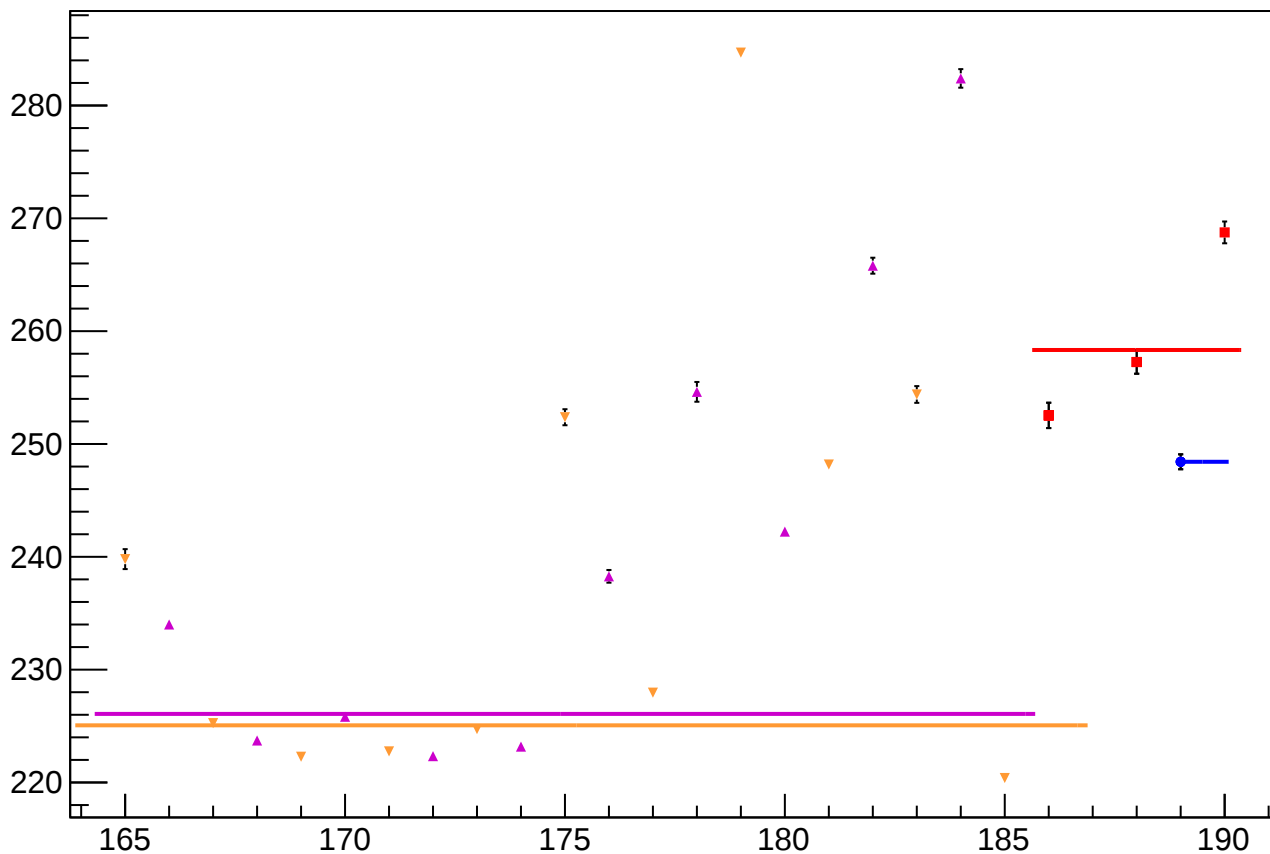
Left In: -13.471 ± 0.018 χ^2/NDF : 8452.3/9

+ sign -13.842 ± 0.016 χ^2/NDF : 33047.2/12

All: -13.676 ± 0.012 χ^2/NDF : 42082.0/27

- sign -13.473 ± 0.018 χ^2/NDF : 8792.9/14

dit_sam4_4eY_slope vs Slug



Right In: 248.423+/-0.468 χ^2/NDF : 0.0/1

Left Out: 225.065+/-0.041 χ^2/NDF :29482.2/10

Right Out: 258.332+/-0.471 χ^2/NDF : 171.6/4

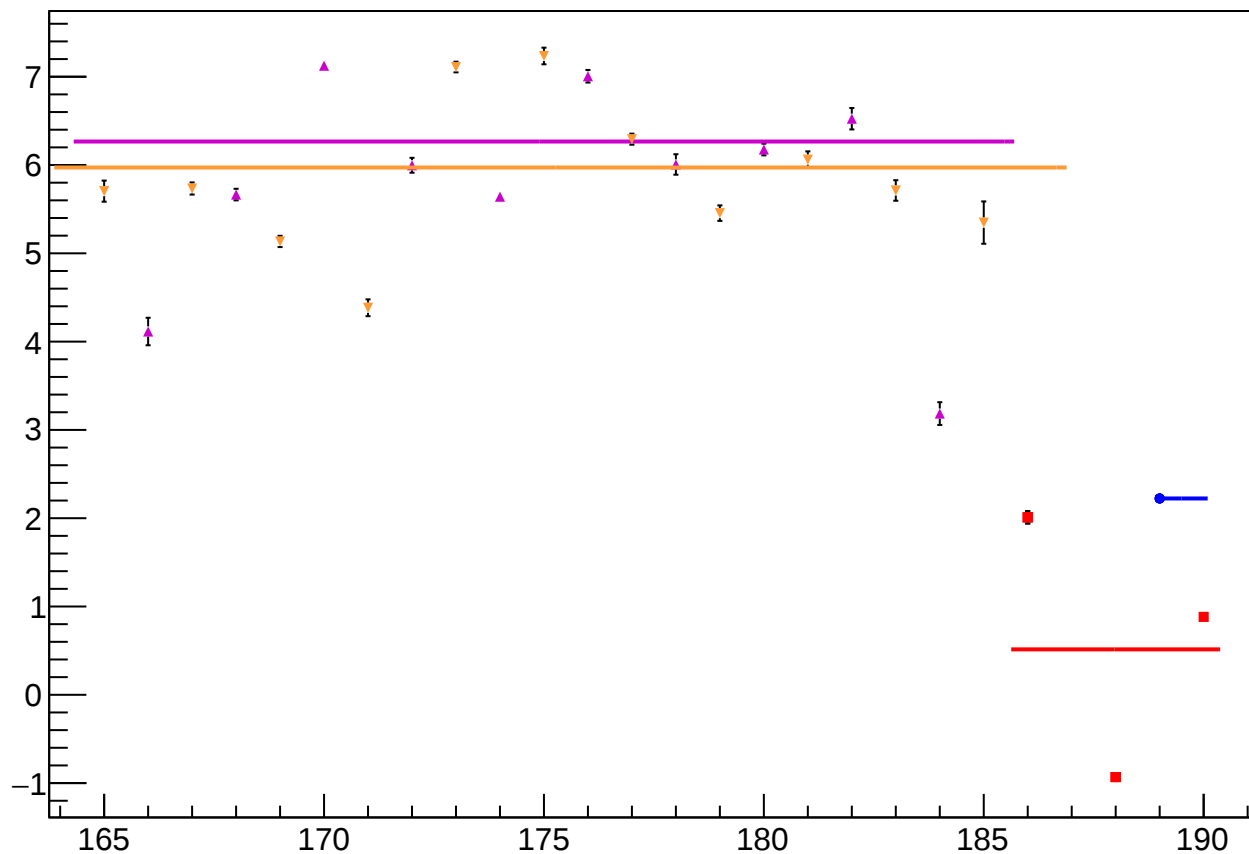
Left In: 226.077+/-0.055 χ^2/NDF :14835.7/9

+ sign 225.247+/-0.041 χ^2/NDF : 31953.1/12

All: 225.706+/-0.033 χ^2/NDF : 51929.3/27

- sign 226.513+/-0.055 χ^2/NDF : 19635.4/14

dit_sam5_4aX_slope vs Slug



Right In: 2.224 $\pm$ 0.007 χ^2 /NDF: 0.0/1

Left Out: 5.972 $\pm$ 0.025 χ^2 /NDF:1075.0/10

Right Out: 0.515 $\pm$ 0.015 χ^2 /NDF: 3631.4/4

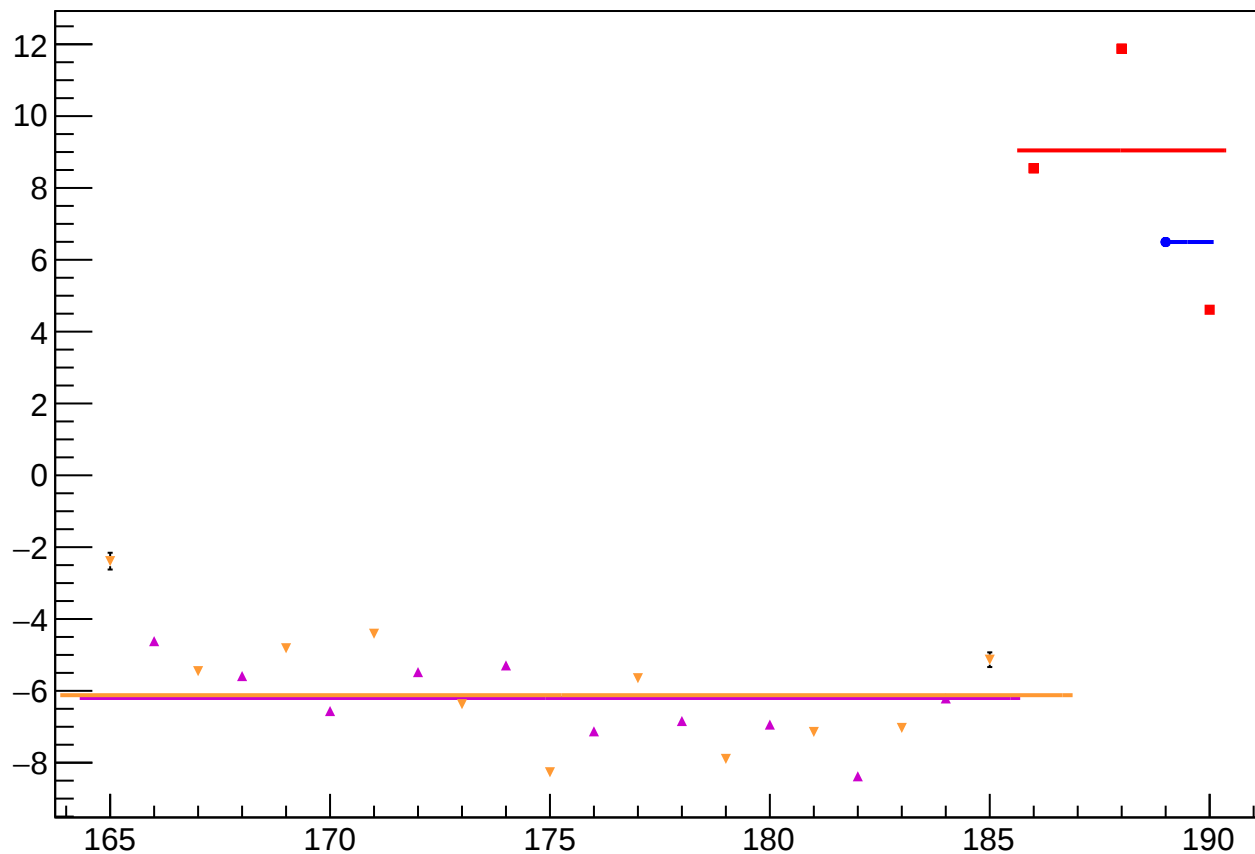
Left In: 6.266 $\pm$ 0.022 χ^2 /NDF:1631.1/9

+ sign 2.509 $\pm$ 0.007 χ^2 /NDF: 22005.7/12

All: 2.488 $\pm$ 0.006 χ^2 /NDF: 74167.6/27

- sign 2.420 $\pm$ 0.013 χ^2 /NDF: 52123.1/14

dit_sam5_4eX_slope vs Slug



Right In: 6.495 $\pm$ 0.087 χ^2 /NDF: 0.0/1

Left Out: -6.121 $\pm$ 0.022 χ^2 /NDF: 3072.6/10

Right Out: 9.045 $\pm$ 0.015 χ^2 /NDF: 44166.9/4

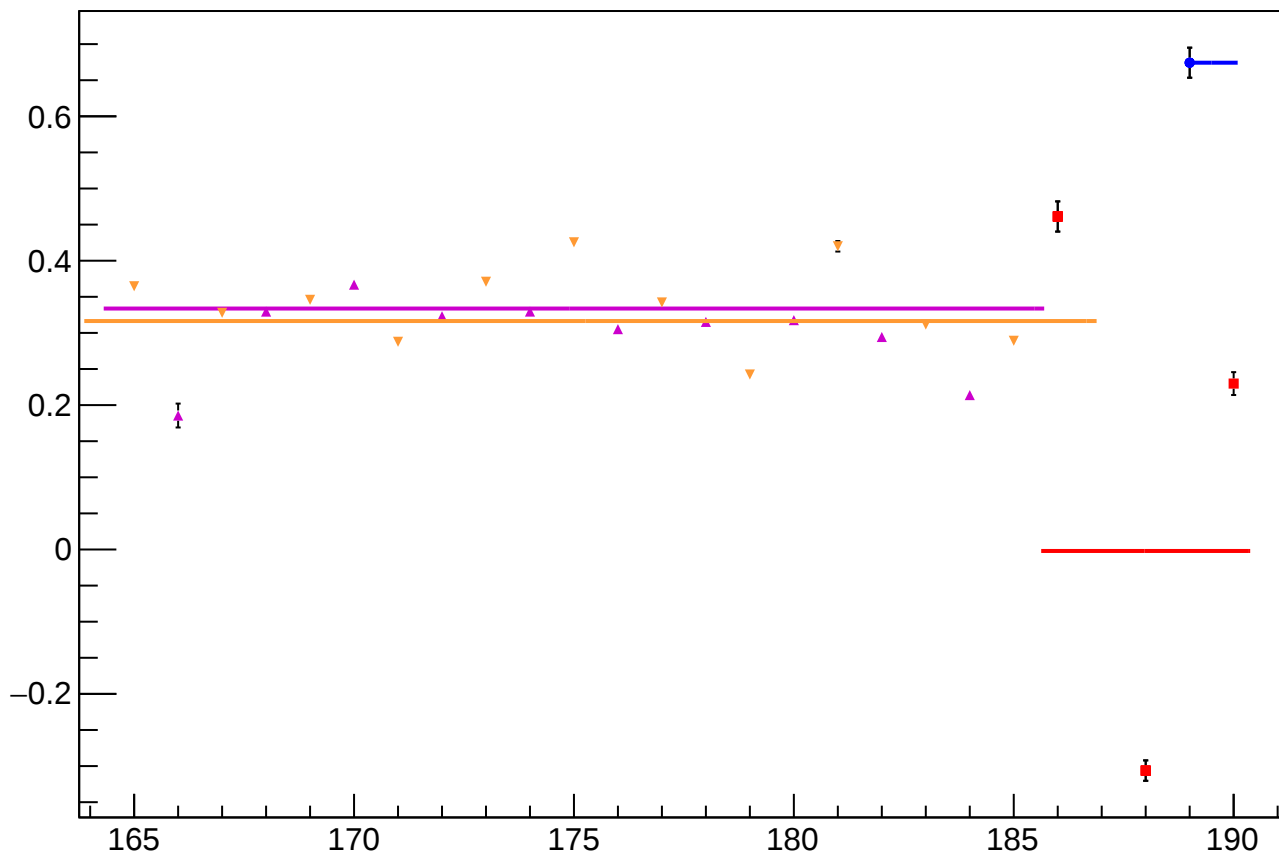
Left In: -6.199 $\pm$ 0.020 χ^2 /NDF: 1524.8/9

+ sign -5.379 $\pm$ 0.021 χ^2 /NDF: 22695.7/12

All: 1.196 $\pm$ 0.011 χ^2 /NDF: 566933.0/27

- sign 3.345 $\pm$ 0.012 χ^2 /NDF: 416482.5/14

dit_sam5_11X12X_slope vs Slug



Right In: 0.674 ± 0.015 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 2278.3/10$

Right Out: -0.002 ± 0.007 $\chi^2/\text{NDF}: 2121.0/4$

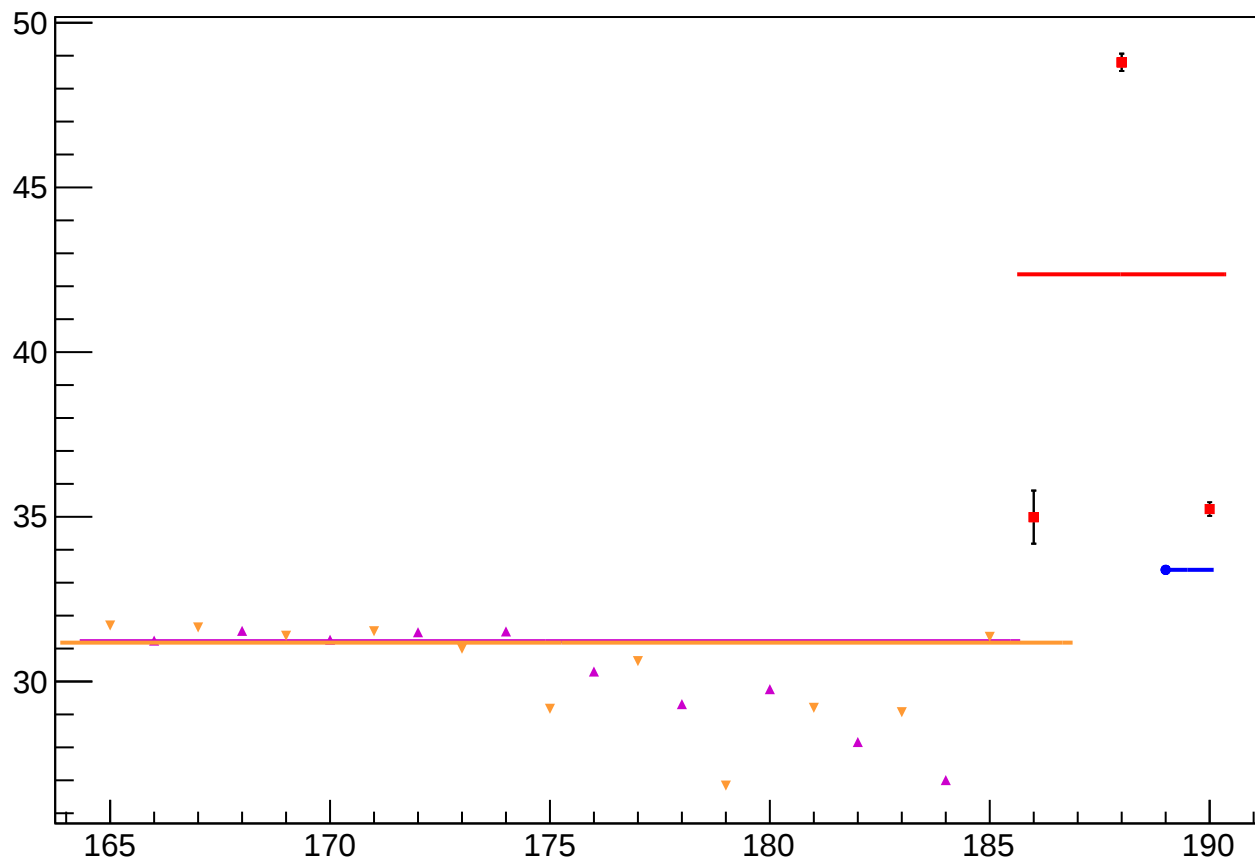
Left In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 1197.0/9$

+ sign 0.318 ± 0.001 $\chi^2/\text{NDF}: 2867.2/12$

All: 0.322 ± 0.001 $\chi^2/\text{NDF}: 8332.4/27$

- sign 0.329 ± 0.001 $\chi^2/\text{NDF}: 5379.2/14$

dit_sam5_4aY_slope vs Slug



Right In: 33.390+/-0.109 χ^2 /NDF: 0.0/1

Left Out: 31.180+/-0.004 χ^2 /NDF:31750.1/10

Right Out: 42.362+/-0.135 χ^2 /NDF: 2528.5/4

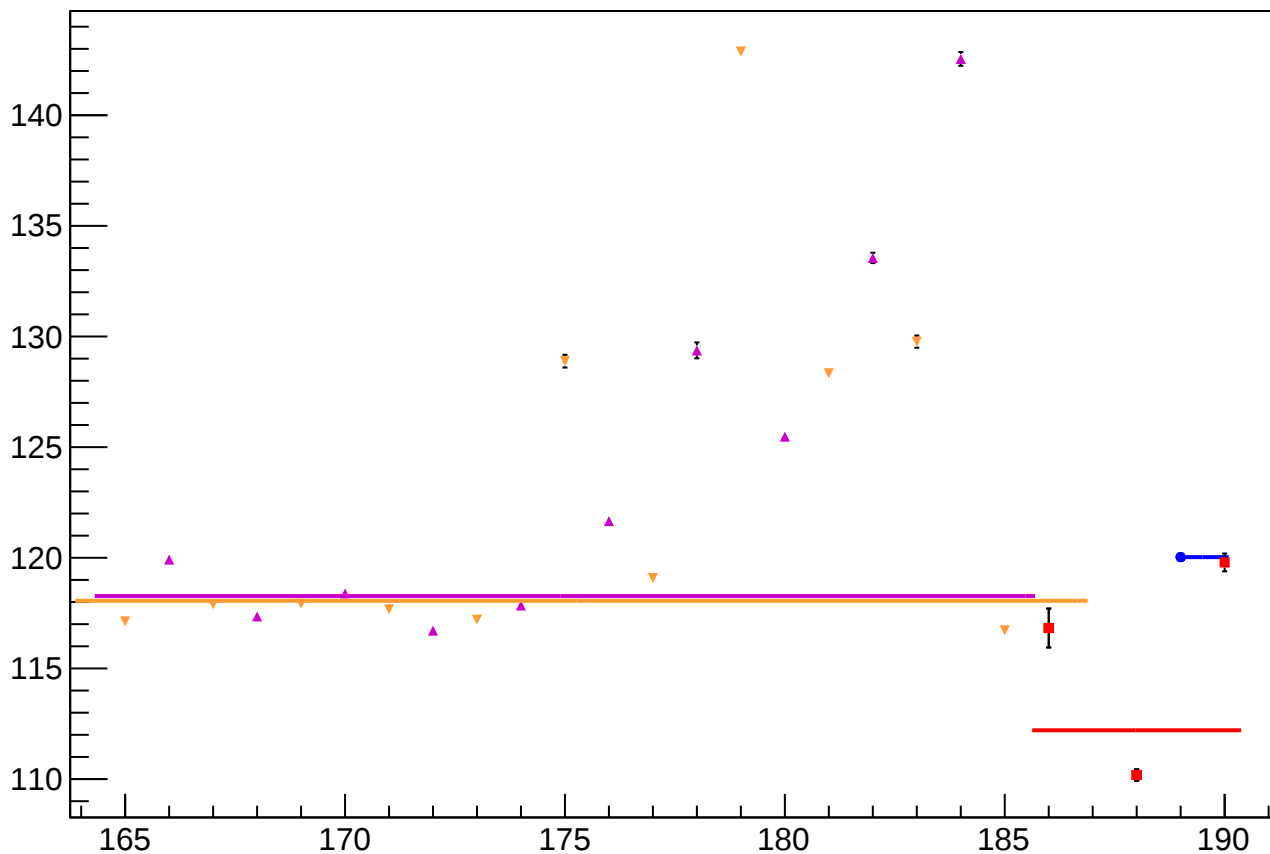
Left In: 31.225+/-0.007 χ^2 /NDF:12527.8/9

+ sign 31.183+/-0.004 χ^2 /NDF: 32163.9/12

All: 31.203+/-0.004 χ^2 /NDF: 54090.2/27

- sign 31.253+/-0.007 χ^2 /NDF: 21848.9/14

dit_sam5_4eY_slope vs Slug



Right In: 120.029 $\pm$ 0.058 χ^2 /NDF: 0.0/1

Left Out: 118.056 $\pm$ 0.013 χ^2 /NDF: 29572.7/10

Right Out: 112.205 $\pm$ 0.163 χ^2 /NDF: 528.8/4

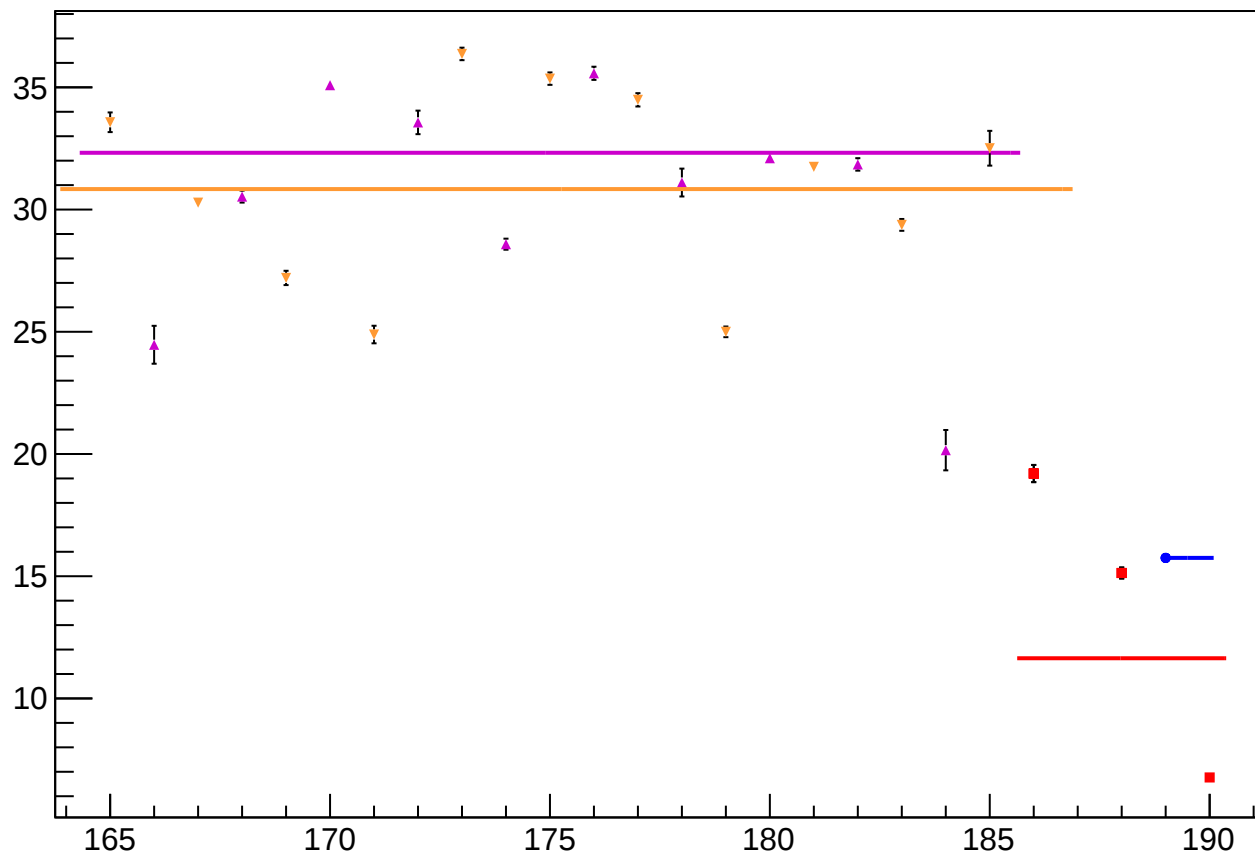
Left In: 118.271 $\pm$ 0.022 χ^2 /NDF: 18632.6/9

+ sign 118.149 $\pm$ 0.013 χ^2 /NDF: 30679.9/12

All: 118.151 $\pm$ 0.011 χ^2 /NDF: 51208.1/27

- sign 118.159 $\pm$ 0.022 χ^2 /NDF: 20528.1/14

dit_sam6_4aX_slope vs Slug



Right In: 15.750 ± 0.119 χ^2/NDF : 0.0/1

Left Out: 30.838 ± 0.079 χ^2/NDF : 2223.7/10

Right Out: 11.644 ± 0.096 χ^2/NDF : 2677.3/4

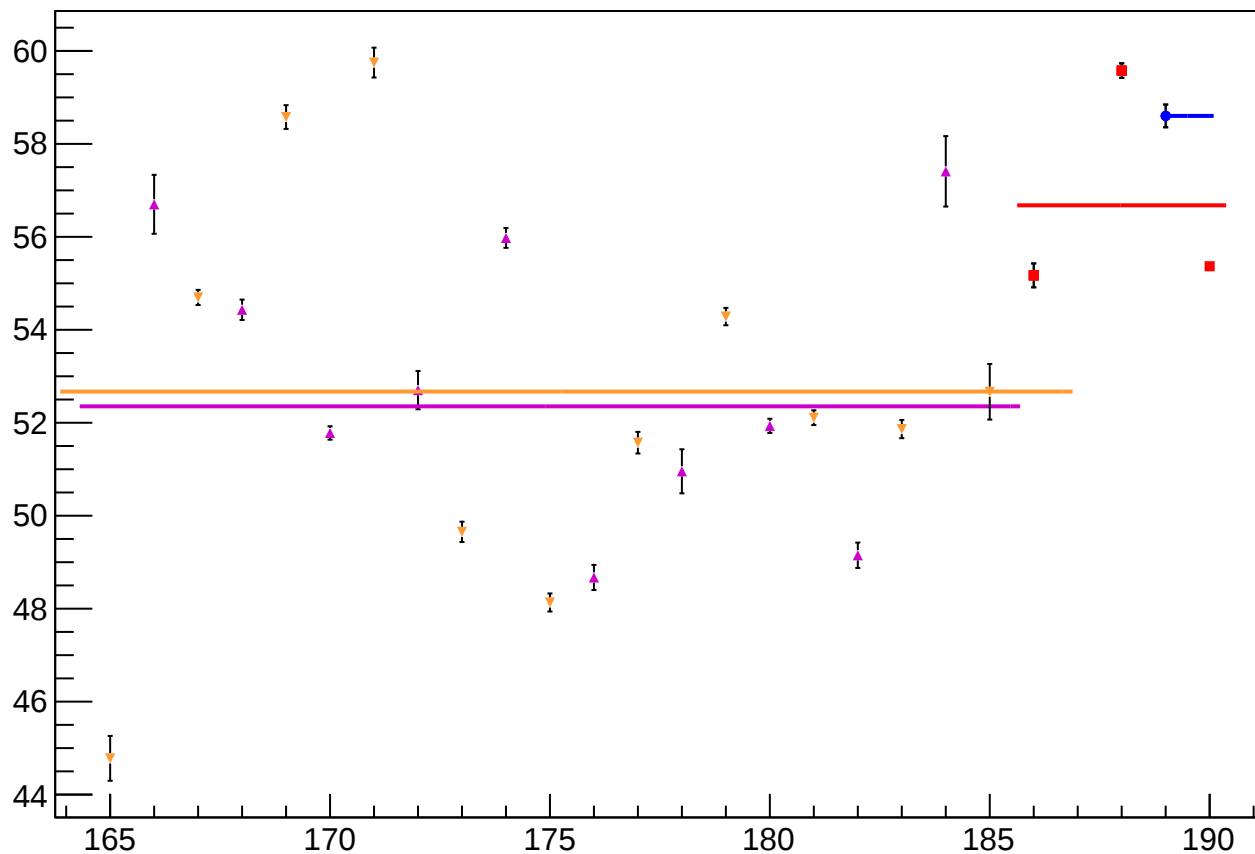
Left In: 32.323 ± 0.084 χ^2/NDF : 1088.4/9

+ sign 26.238 ± 0.066 χ^2/NDF : 13441.3/12

All: 24.729 ± 0.045 χ^2/NDF : 44634.7/27

- sign 23.333 ± 0.063 χ^2/NDF : 30174.3/14

dit_sam6_4eX_slope vs Slug



Right In: 58.602 $\pm$ 0.173 χ^2 /NDF: 0.0/1

Left Out: 52.672 $\pm$ 0.066 χ^2 /NDF:2305.6/10

Right Out: 56.679 $\pm$ 0.063 χ^2 /NDF: 993.4/4

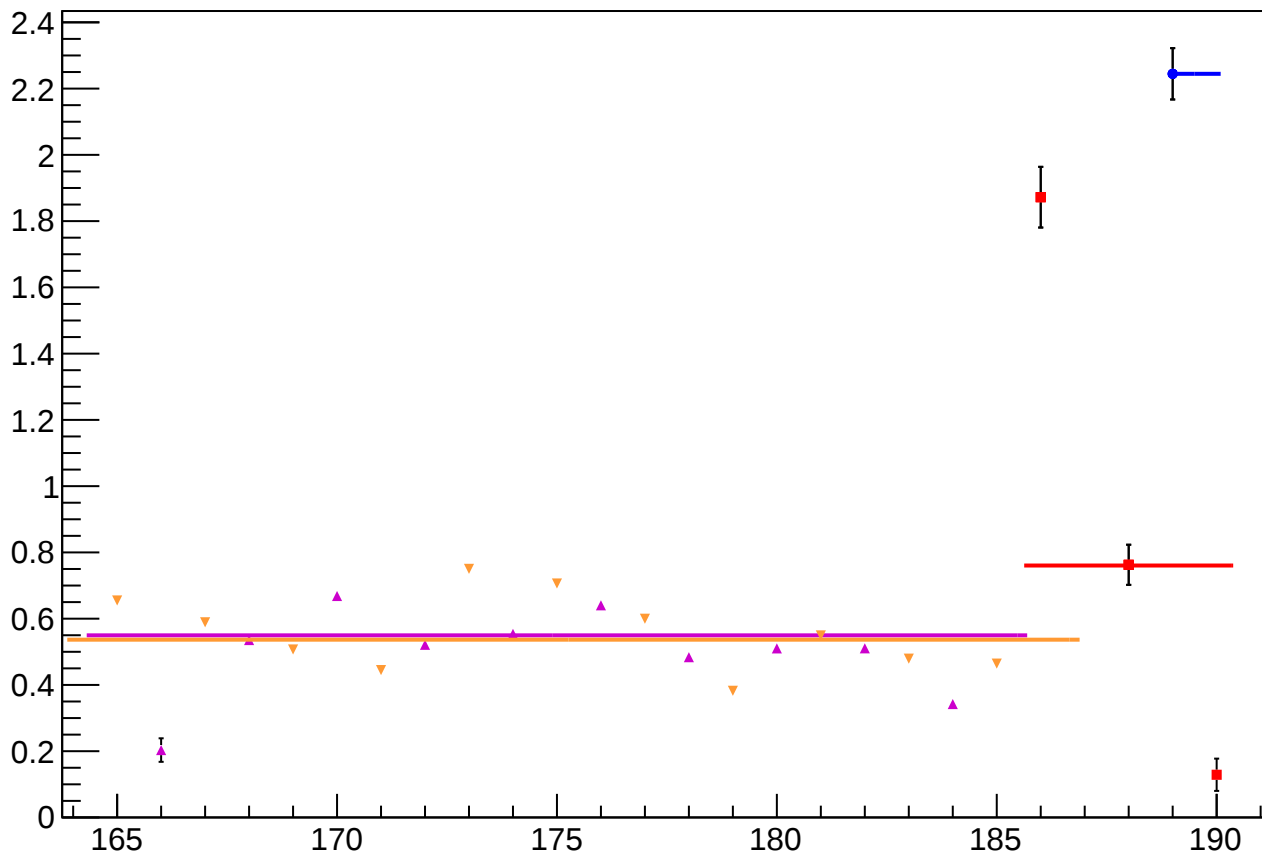
Left In: 52.353 $\pm$ 0.076 χ^2 /NDF:828.5/9

+ sign 53.422 $\pm$ 0.062 χ^2 /NDF: 3329.2/12

All: 54.347 $\pm$ 0.038 χ^2 /NDF: 7457.1/27

- sign 54.915 $\pm$ 0.048 χ^2 /NDF: 3764.1/14

dit_sam6_11X12X_slope vs Slug



Right In: 2.245 $\pm$ 0.055 χ^2 /NDF: 0.0/1

Left Out: 0.537 $\pm$ 0.001 χ^2 /NDF: 8645.0/10

Right Out: 0.760 $\pm$ 0.029 χ^2 /NDF: 462.6/4

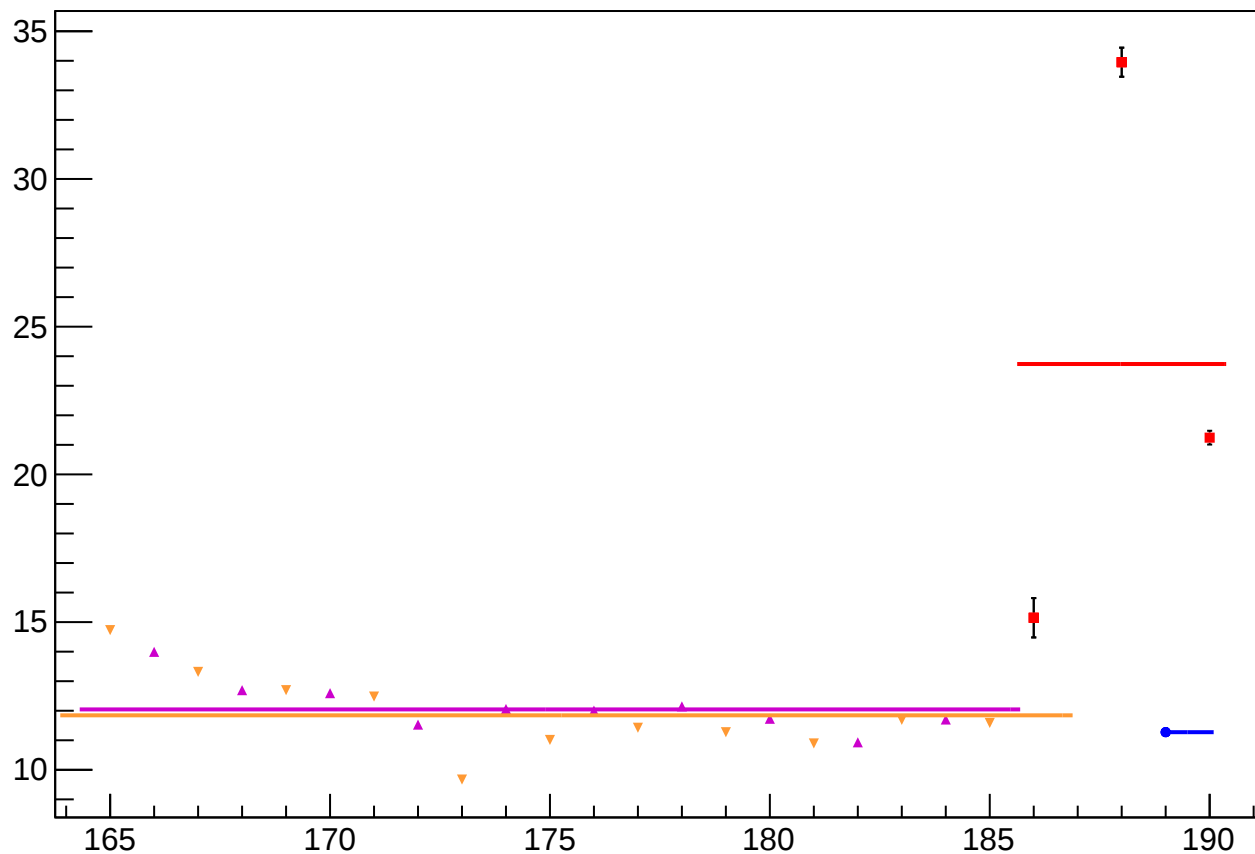
Left In: 0.550 $\pm$ 0.001 χ^2 /NDF: 3336.1/9

+ sign 0.538 $\pm$ 0.001 χ^2 /NDF: 9616.3/12

All: 0.545 $\pm$ 0.001 χ^2 /NDF: 13517.0/27

- sign 0.550 $\pm$ 0.001 χ^2 /NDF: 3852.2/14

dit_sam6_4aY_slope vs Slug



Right In: 11.274+/-0.110 χ^2/NDF : 0.0/1

Left Out: 11.845+/-0.007 χ^2/NDF : 16928.6/10

Right Out: 23.736+/-0.179 χ^2/NDF : 1308.9/4

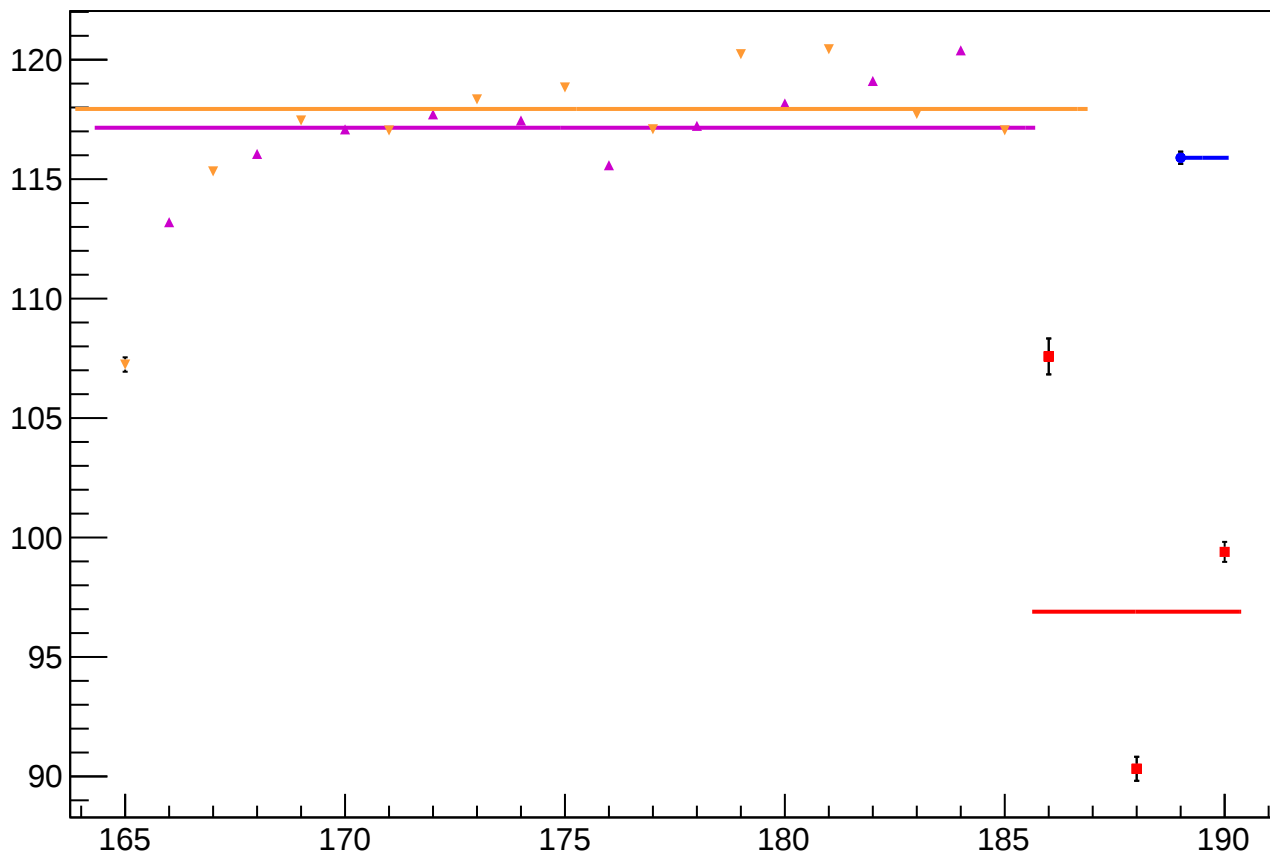
Left In: 12.045+/-0.007 χ^2/NDF : 5867.7/9

+ sign 11.842+/-0.007 χ^2/NDF : 16955.5/12

All: 11.951+/-0.005 χ^2/NDF : 28834.2/27

- sign 12.065+/-0.007 χ^2/NDF : 11420.5/14

dit_sam6_4eY_slope vs Slug



Right In: 115.895 ± 0.181 χ^2/NDF : 0.0/1

Left Out: 117.939 ± 0.014 χ^2/NDF : 14283.2/10

Right Out: 96.895 ± 0.241 χ^2/NDF : 782.7/4

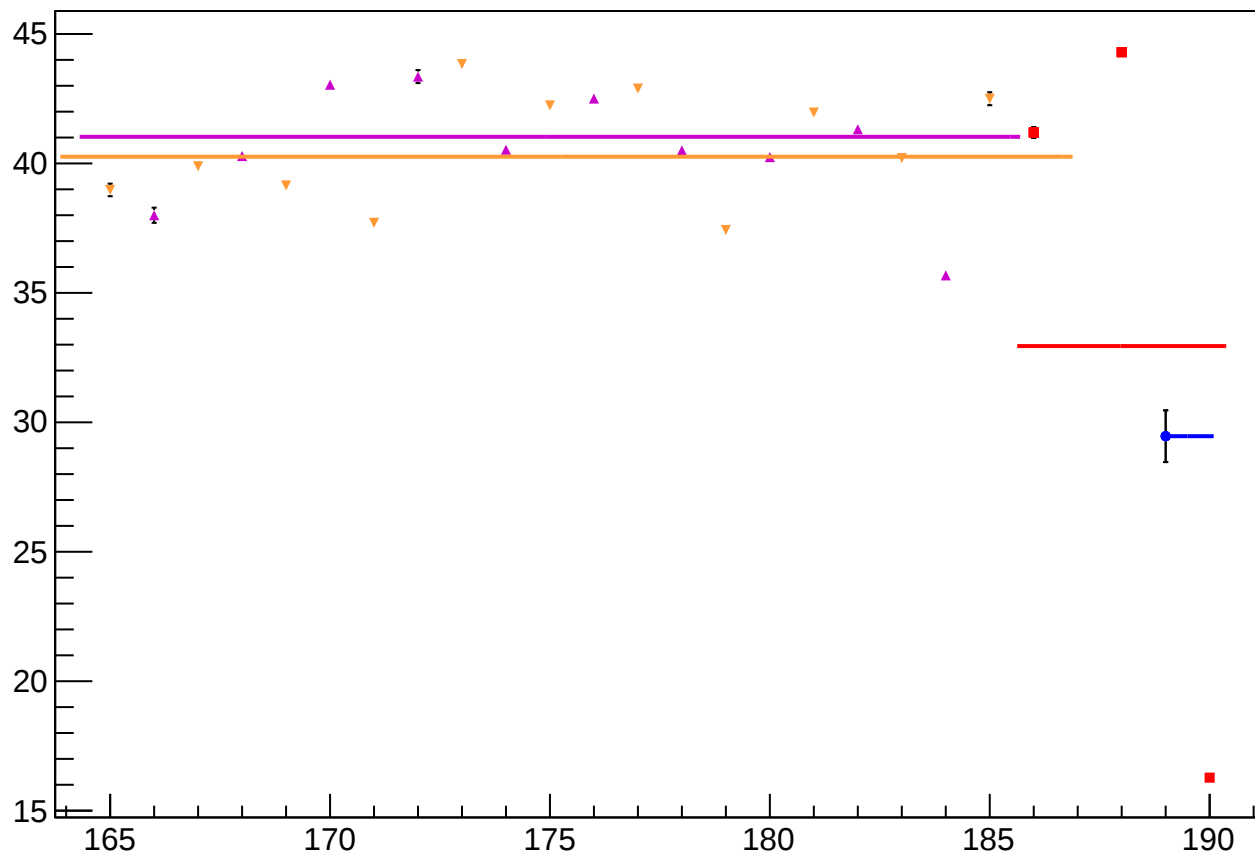
Left In: 117.152 ± 0.014 χ^2/NDF : 14841.5/9

+ sign 117.927 ± 0.014 χ^2/NDF : 14409.8/12

All: 117.513 ± 0.010 χ^2/NDF : 38939.9/27

- sign 117.086 ± 0.014 χ^2/NDF : 22645.2/14

dit_sam7_4aX_slope vs Slug



Right In: 29.464 ± 0.707 χ^2/NDF : 0.0/1

Left Out: 40.260 ± 0.040 χ^2/NDF : 2925.3/10

Right Out: 32.945 ± 0.074 χ^2/NDF : 30511.5/4

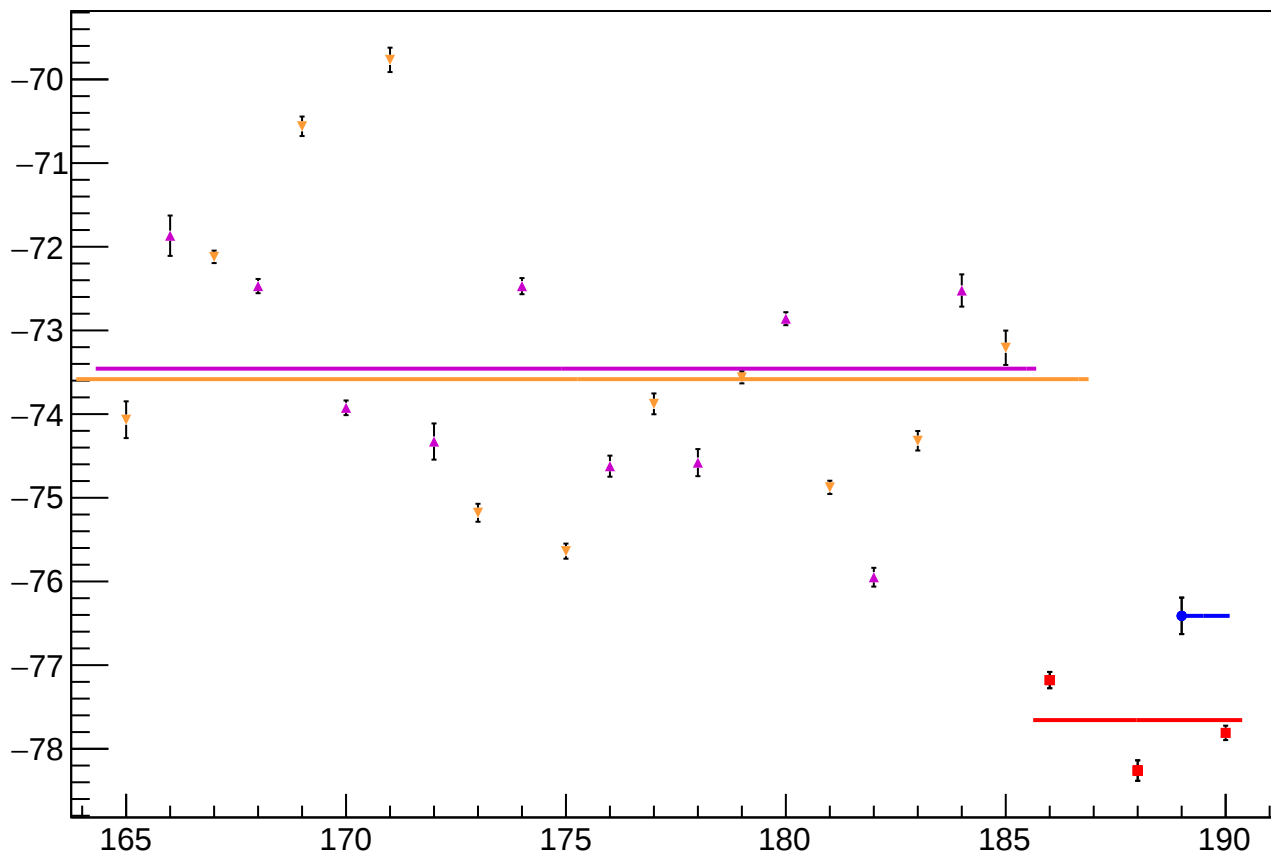
Left In: 41.028 ± 0.039 χ^2/NDF : 1668.4/9

+ sign 40.225 ± 0.040 χ^2/NDF : 3157.9/12

All: 39.677 ± 0.026 χ^2/NDF : 44889.1/27

- sign 39.262 ± 0.035 χ^2/NDF : 41400.6/14

dit_sam7_4eX_slope vs Slug



Right In: -76.411 ± 0.154 χ^2/NDF : 0.0/1

Left Out: -73.582 ± 0.031 χ^2/NDF : 2802.4/10

Right Out: -77.657 ± 0.046 χ^2/NDF : 100.0/4

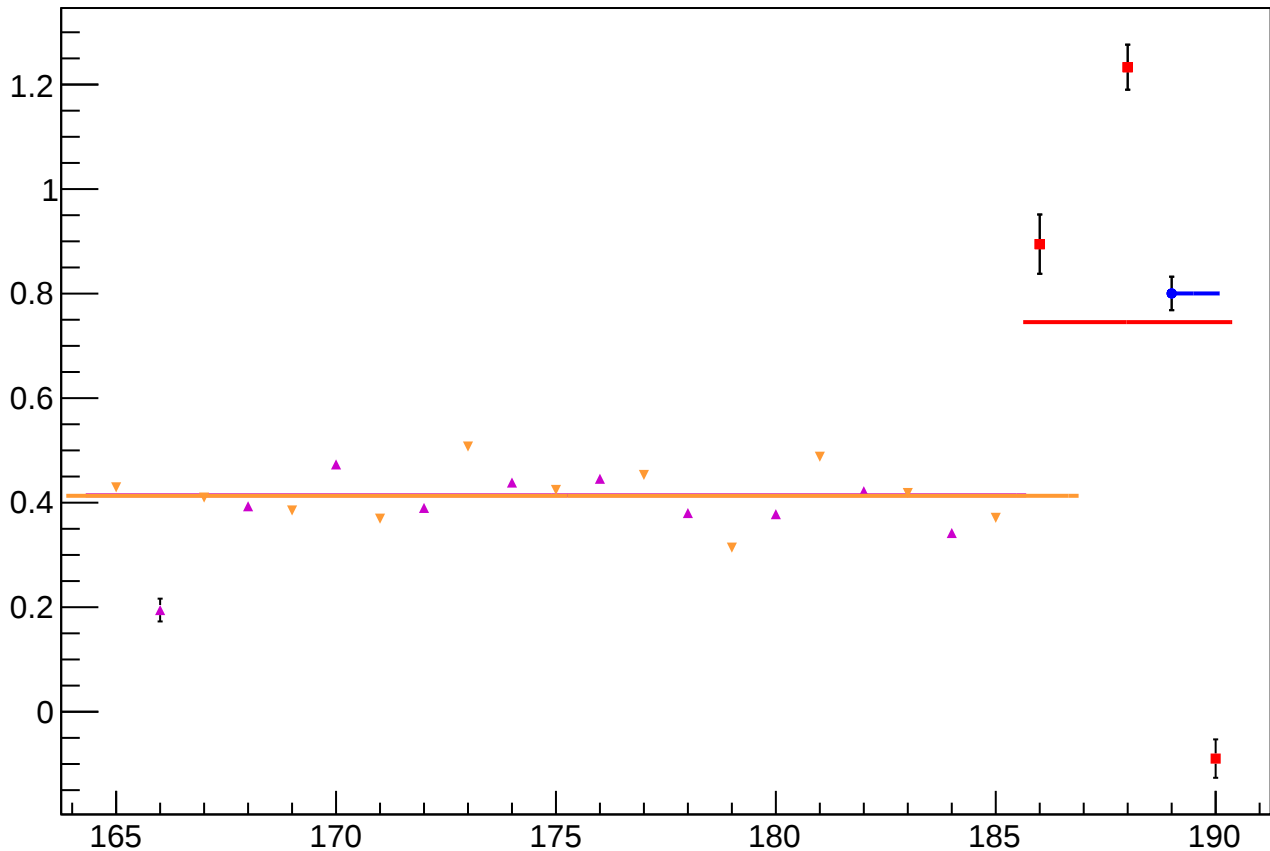
Left In: -73.457 ± 0.036 χ^2/NDF : 1035.5/9

+ sign -73.691 ± 0.030 χ^2/NDF : 3126.0/12

All: -74.419 ± 0.021 χ^2/NDF : 10593.8/27

- sign -75.047 ± 0.028 χ^2/NDF : 6389.9/14

dit_sam7_11X12X_slope vs Slug



Right In: 0.800 ± 0.023 χ^2/NDF : 0.0/1

Left Out: 0.413 ± 0.001 χ^2/NDF : 3740.5/10

Right Out: 0.745 ± 0.020 χ^2/NDF : 786.6/4

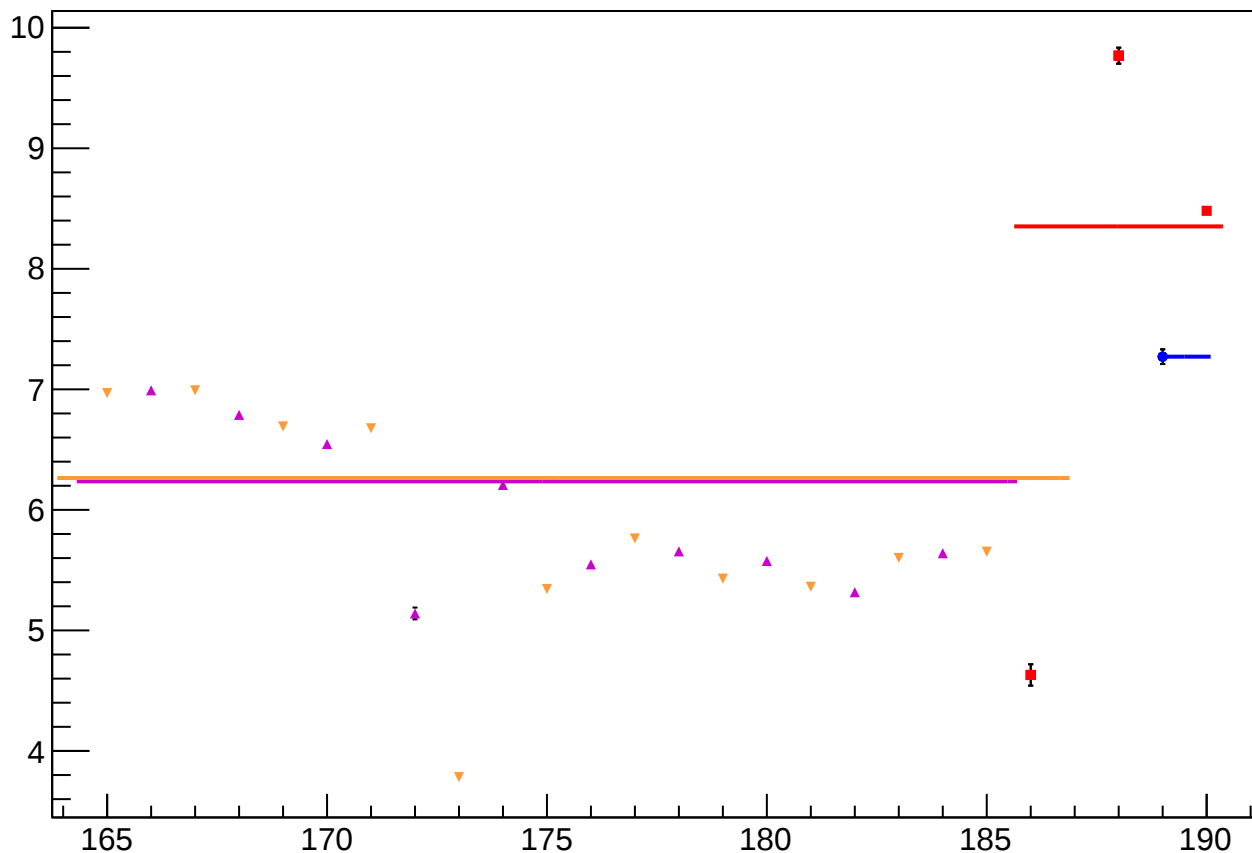
Left In: 0.414 ± 0.001 χ^2/NDF : 2153.2/9

+ sign 0.414 ± 0.001 χ^2/NDF : 4032.3/12

All: 0.414 ± 0.001 χ^2/NDF : 7240.3/27

- sign 0.415 ± 0.001 χ^2/NDF : 3207.2/14

dit_sam7_4aY_slope vs Slug



Right In: 7.271 $\pm$ 0.043 χ^2 /NDF: 0.0/1

Left Out: 6.264 $\pm$ 0.002 χ^2 /NDF: 91763.3/10

Right Out: 8.352 $\pm$ 0.018 χ^2 /NDF: 4479.7/4

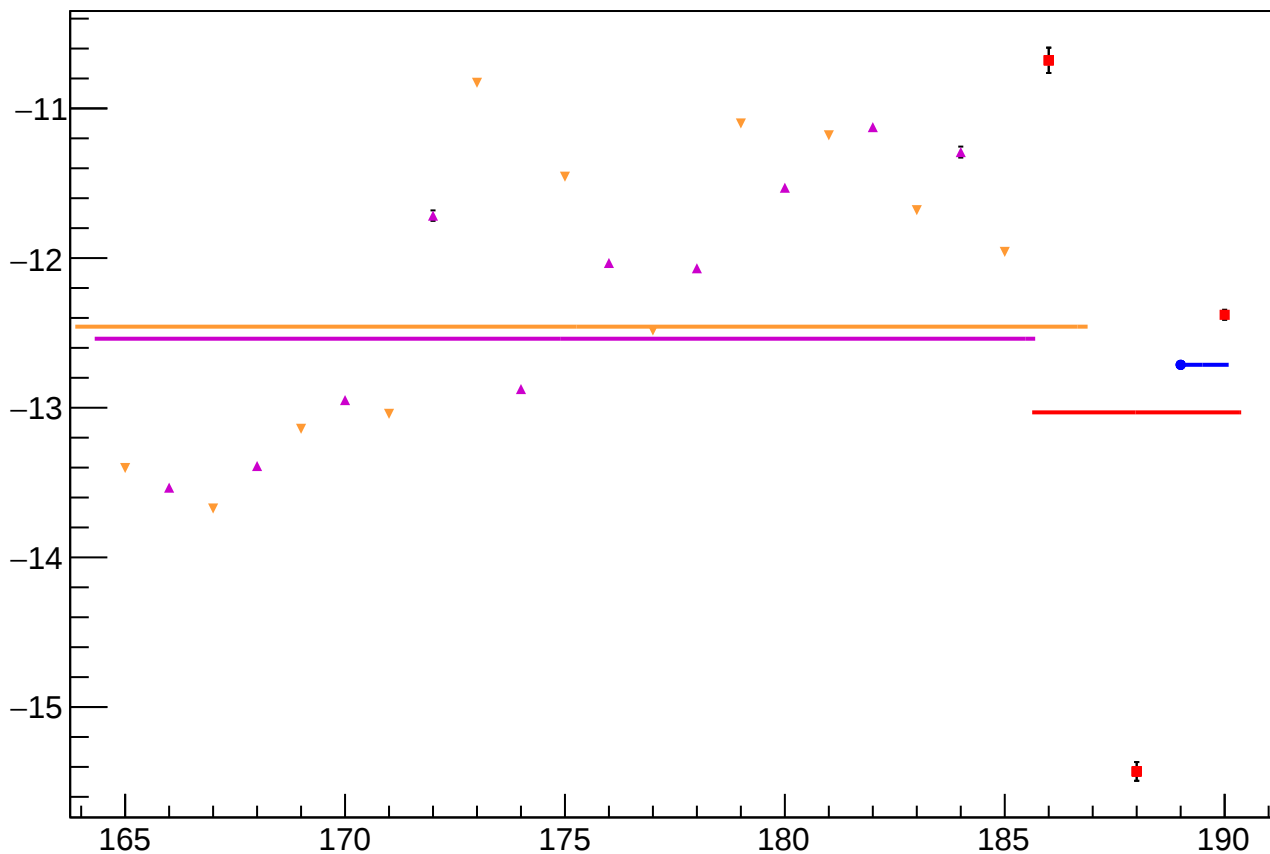
Left In: 6.237 $\pm$ 0.003 χ^2 /NDF: 25941.4/9

+ sign 6.267 $\pm$ 0.002 χ^2 /NDF: 92304.6/12

All: 6.281 $\pm$ 0.002 χ^2 /NDF: 136192.8/27

- sign 6.305 $\pm$ 0.003 χ^2 /NDF: 43800.2/14

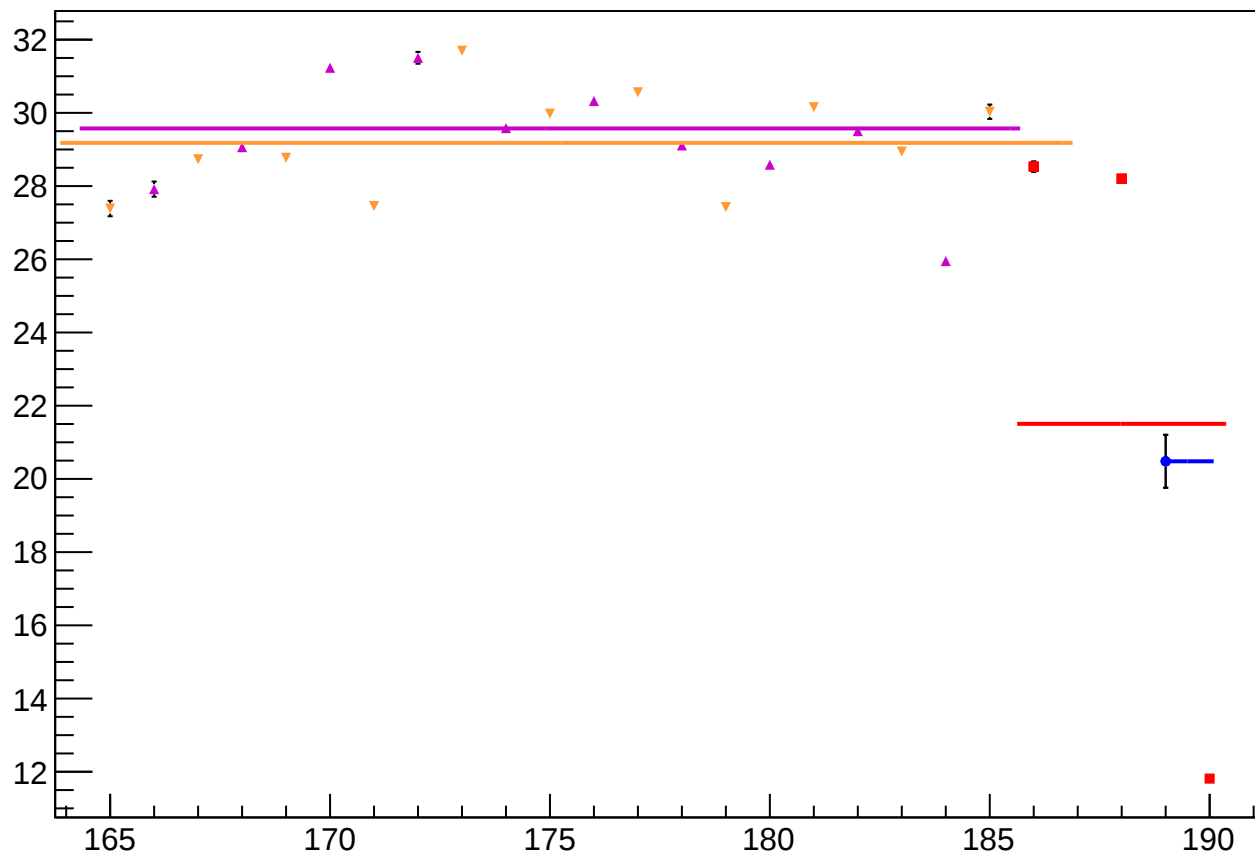
dit_sam7_4eY_slope vs Slug



Right In: -12.713 ± 0.004 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -12.458 ± 0.004 $\chi^2/\text{NDF}: 73622.0/10$
 Right Out: -13.031 ± 0.025 $\chi^2/\text{NDF}: 4845.8/4$
 Left In: -12.539 ± 0.005 $\chi^2/\text{NDF}: 27731.1/9$

+ sign -12.569 ± 0.003 $\chi^2/\text{NDF}: 75794.0/12$
 All: -12.565 ± 0.002 $\chi^2/\text{NDF}: 108764.6/27$
 - sign -12.555 ± 0.005 $\chi^2/\text{NDF}: 32964.0/14$

dit_sam8_4aX_slope vs Slug



Right In: 20.481 $\pm$ 0.511 χ^2 /NDF: 0.0/1

Left Out: 29.181 $\pm$ 0.031 χ^2 /NDF:2111.1/10

Right Out: 21.505 $\pm$ 0.039 χ^2 /NDF: 43960.5/4

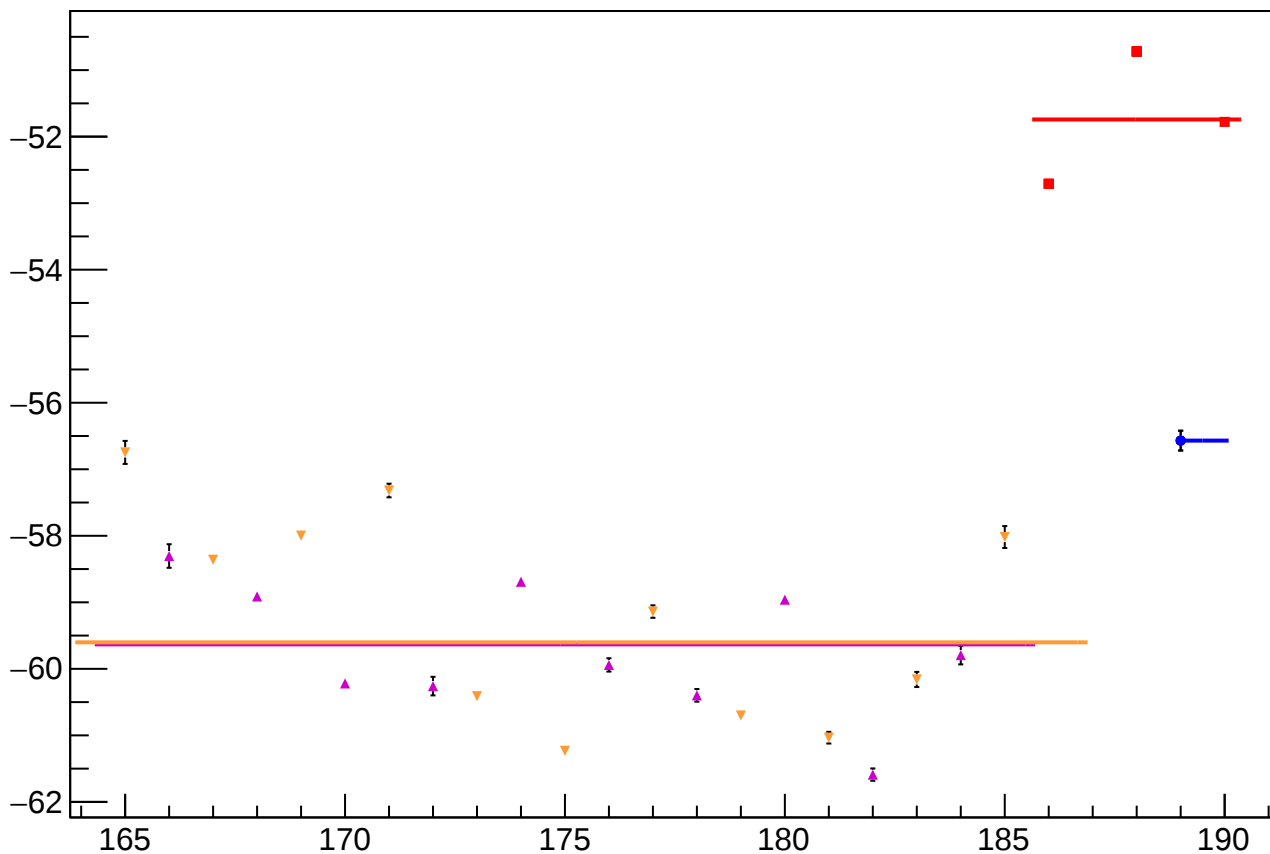
Left In: 29.574 $\pm$ 0.030 χ^2 /NDF:1679.9/9

+ sign 29.149 $\pm$ 0.031 χ^2 /NDF: 2399.3/12

All: 27.494 $\pm$ 0.019 χ^2 /NDF: 79633.8/27

- sign 26.538 $\pm$ 0.024 χ^2 /NDF: 72797.2/14

dit_sam8_4eX_slope vs Slug



Right In: -56.569 ± 0.105 χ^2/NDF : 0.0/1

Left Out: -59.602 ± 0.024 χ^2/NDF : 3133.1/10

Right Out: -51.742 ± 0.025 χ^2/NDF : 1192.1/4

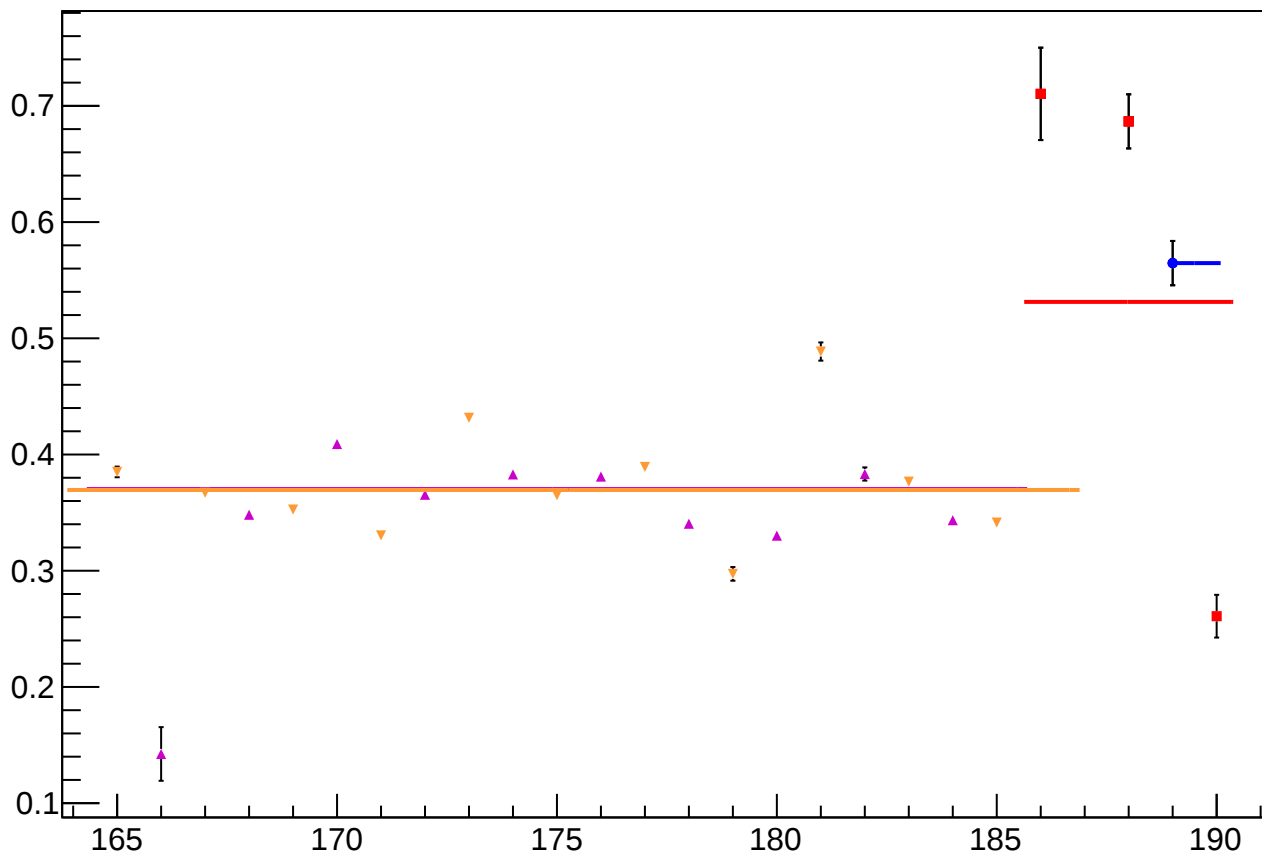
Left In: -59.633 ± 0.028 χ^2/NDF : 1047.2/9

+ sign -59.449 ± 0.024 χ^2/NDF : 3920.3/12

All: -56.831 ± 0.015 χ^2/NDF : 70418.5/27

- sign -55.213 ± 0.019 χ^2/NDF : 46645.1/14

dit_sam8_11X12X_slope vs Slug



Right In: 0.565 $\pm$ 0.013 χ^2 /NDF: 0.0/1

Left Out: 0.370 $\pm$ 0.001 χ^2 /NDF: 4246.1/10

Right Out: 0.531 $\pm$ 0.011 χ^2 /NDF: 345.7/4

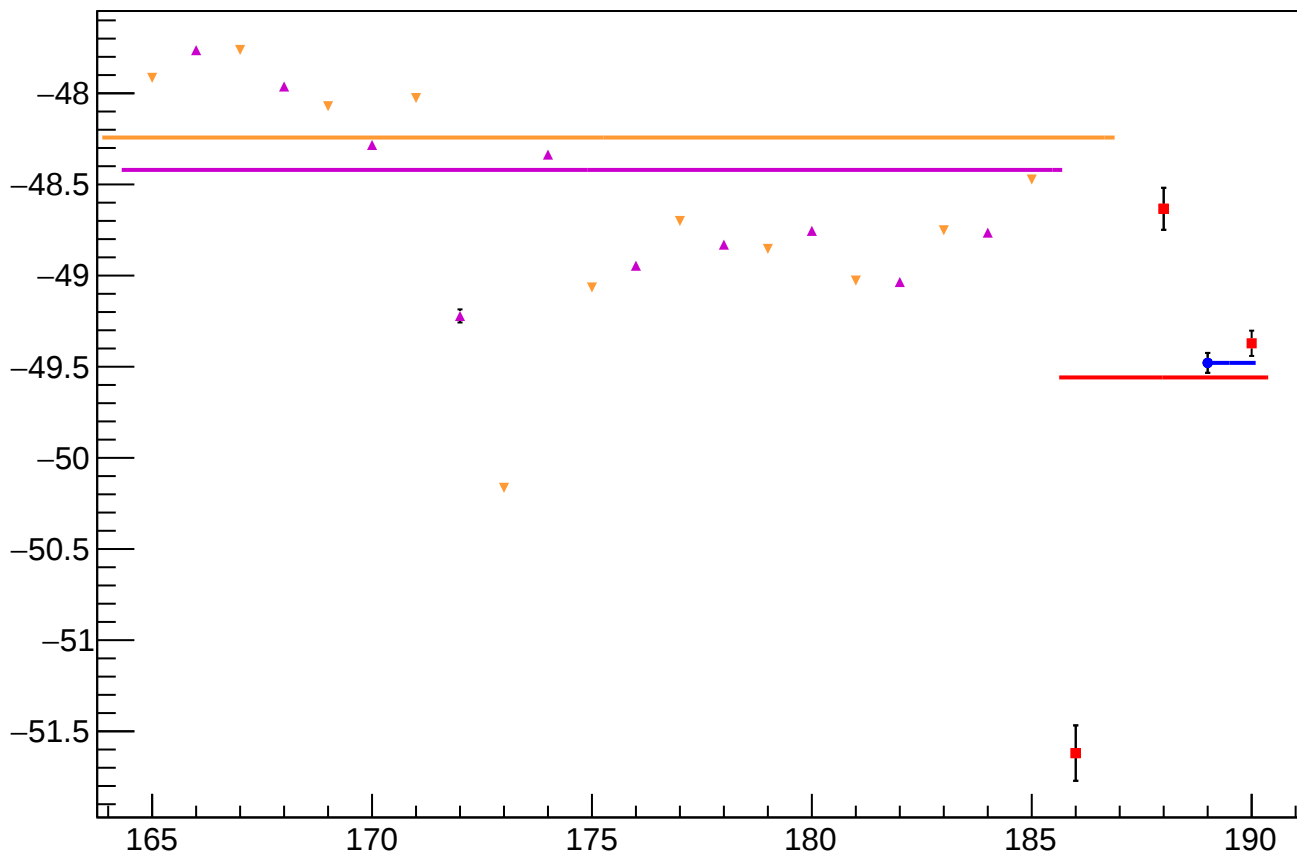
Left In: 0.370 $\pm$ 0.001 χ^2 /NDF: 1135.4/9

+ sign 0.370 $\pm$ 0.001 χ^2 /NDF: 4455.3/12

All: 0.370 $\pm$ 0.000 χ^2 /NDF: 6142.1/27

- sign 0.371 $\pm$ 0.001 χ^2 /NDF: 1685.2/14

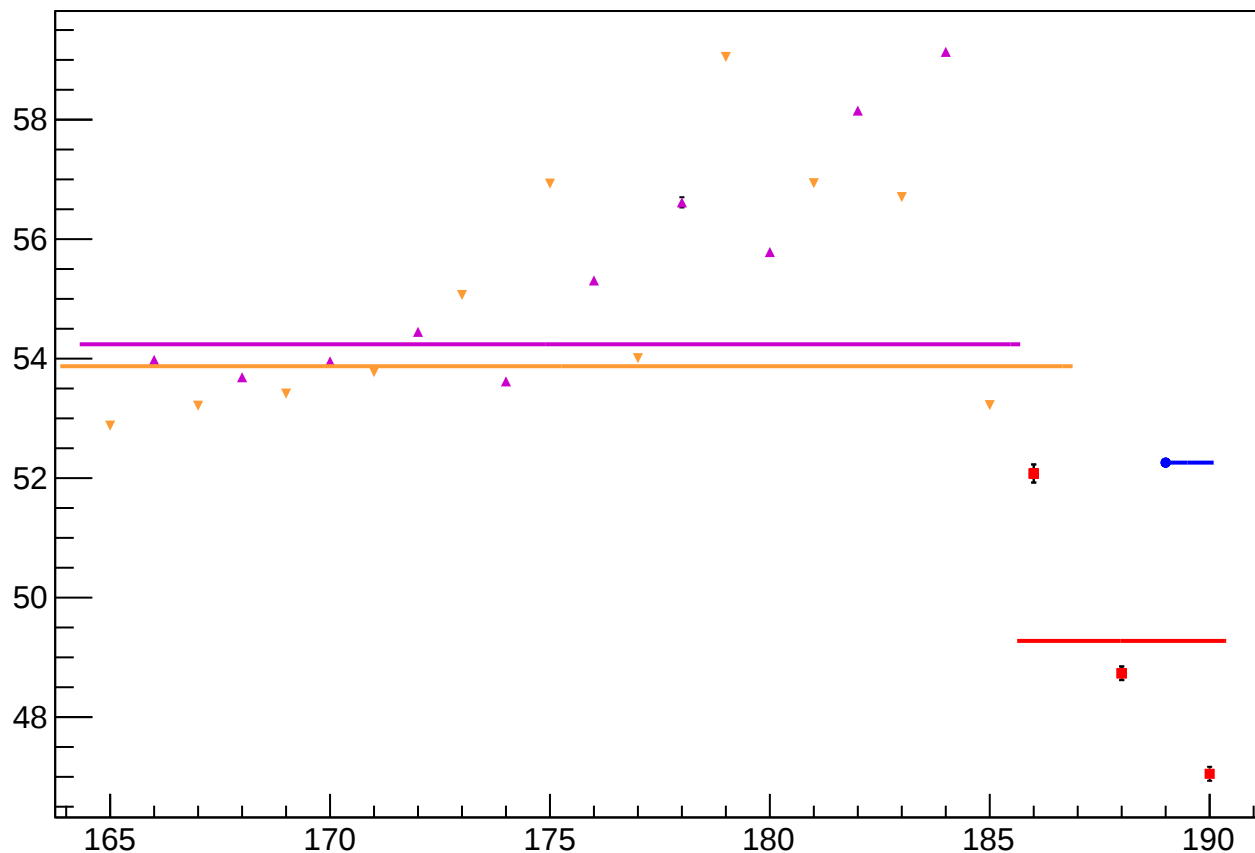
dit_sam8_4aY_slope vs Slug



Right In: -49.479 ± 0.039 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -48.243 ± 0.002 $\chi^2/\text{NDF}: 40895.2/10$
 Right Out: -49.559 ± 0.047 $\chi^2/\text{NDF}: 503.9/4$
 Left In: -48.420 ± 0.003 $\chi^2/\text{NDF}: 14062.3/9$

+ sign -48.247 ± 0.002 $\chi^2/\text{NDF}: 41918.6/12$
 All: -48.317 ± 0.002 $\chi^2/\text{NDF}: 59399.9/27$
 - sign -48.424 ± 0.003 $\chi^2/\text{NDF}: 15141.2/14$

dit_sam8_4eY_slope vs Slug



Right In: 52.260 $\pm$ 0.051 χ^2 /NDF: 0.0/1

Left Out: 53.873 $\pm$ 0.007 χ^2 /NDF:43021.9/10

Right Out: 49.276 $\pm$ 0.057 χ^2 /NDF: 1090.1/4

Left In: 54.240 $\pm$ 0.008 χ^2 /NDF:15867.8/9

+ sign 53.845 $\pm$ 0.007 χ^2 /NDF: 44009.4/12

All: 53.960 $\pm$ 0.005 χ^2 /NDF: 69250.0/27

- sign 54.134 $\pm$ 0.008 χ^2 /NDF: 24499.3/14

dit_4aX_coil1_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_4aX_coil1_err_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_4aX_coil1_Ndata_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_4eX_coil1_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_4eX_coil1_err_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_4eX_coil1_Ndata_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_11X12X_coil1_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_11X12X_coil1_err_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_11X12X_coil1_Ndata_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_4aY_coil1_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_4aY_coil1_err_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

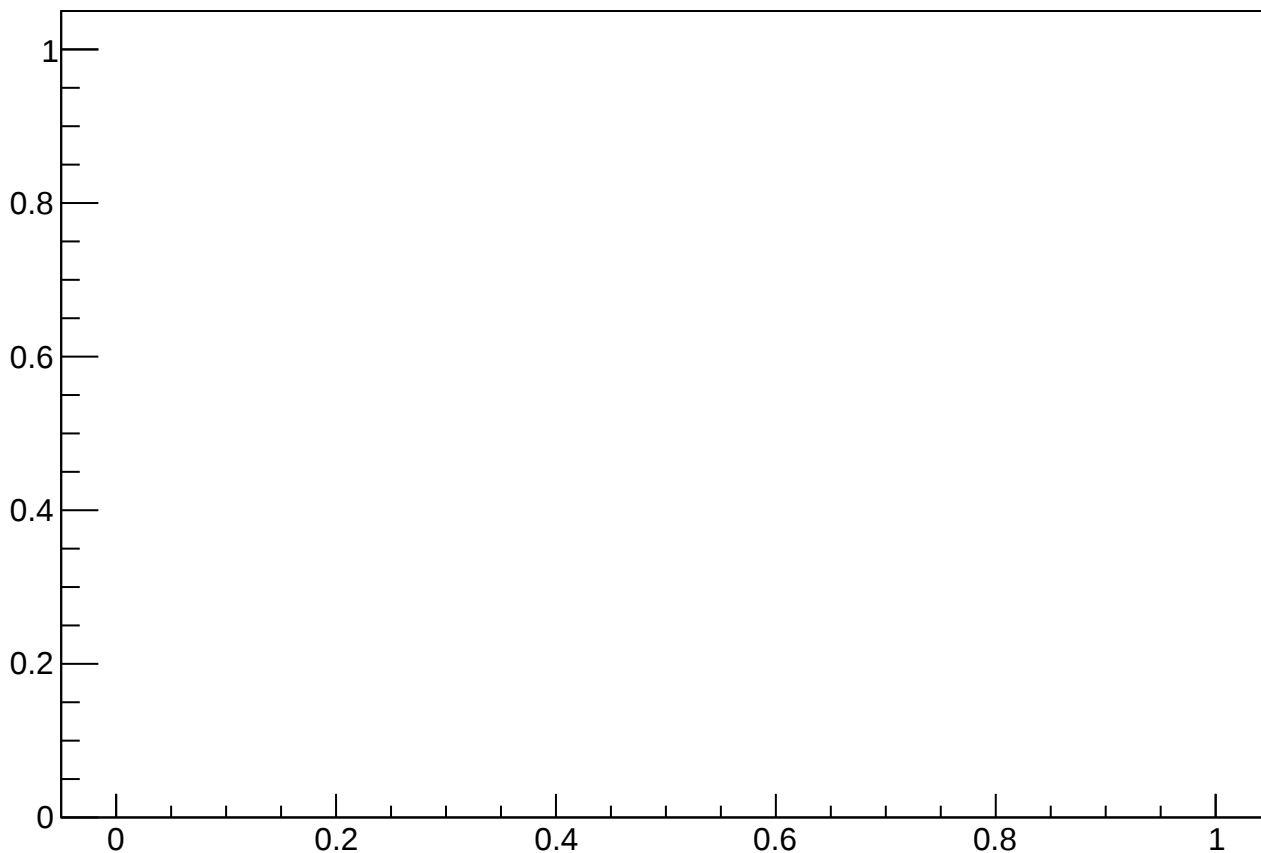
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ 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_4aY_coil1_Ndata_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_4eY_coil1_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_4eY_coil1_err_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_4eY_coil1_Ndata_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_usl_coil1_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_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_usl_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_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_usr_coil1_err_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_usr_coil1_Ndata_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_atl1_coil1_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_atl1_coil1_err_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_atl1_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_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_atl2_coil1_err_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_atl2_coil1_Ndata_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_atr1_coil1_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_atr1_coil1_err_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_atr1_coil1_Ndata_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_atr2_coil1_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_atr2_coil1_err_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_atr2_coil1_Ndata_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_sam1_coil1_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_sam1_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_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_sam2_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_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_sam3_coil1_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_sam3_coil1_err_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_sam3_coil1_Ndata_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_sam4_coil1_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_sam4_coil1_err_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_sam4_coil1_Ndata_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_sam5_coil1_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_sam5_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_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_sam6_coil1_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_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_sam6_coil1_Ndata_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_sam7_coil1_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

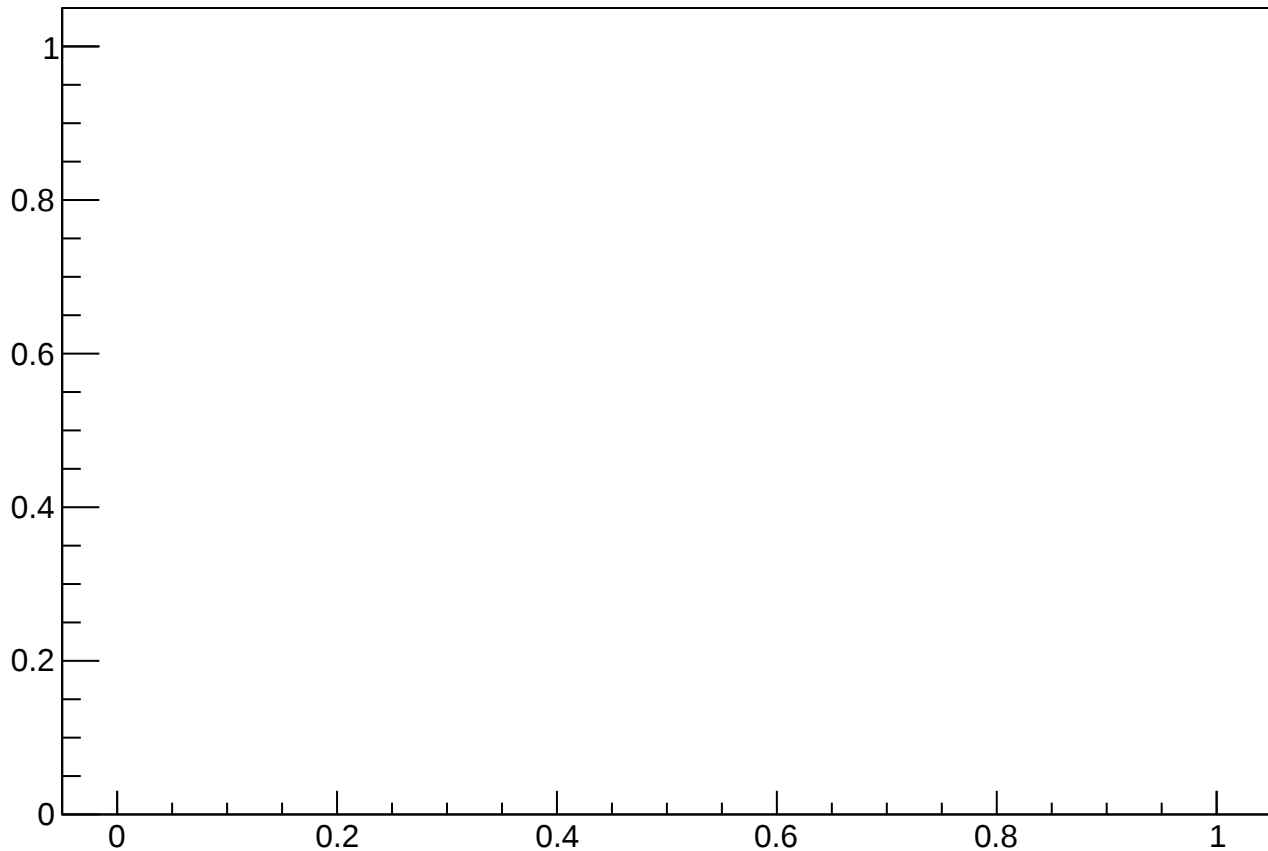
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_sam7_coil1_err_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_sam7_coil1_Ndata_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_sam8_coil1_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_sam8_coil1_err_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_sam8_coil1_Ndata_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

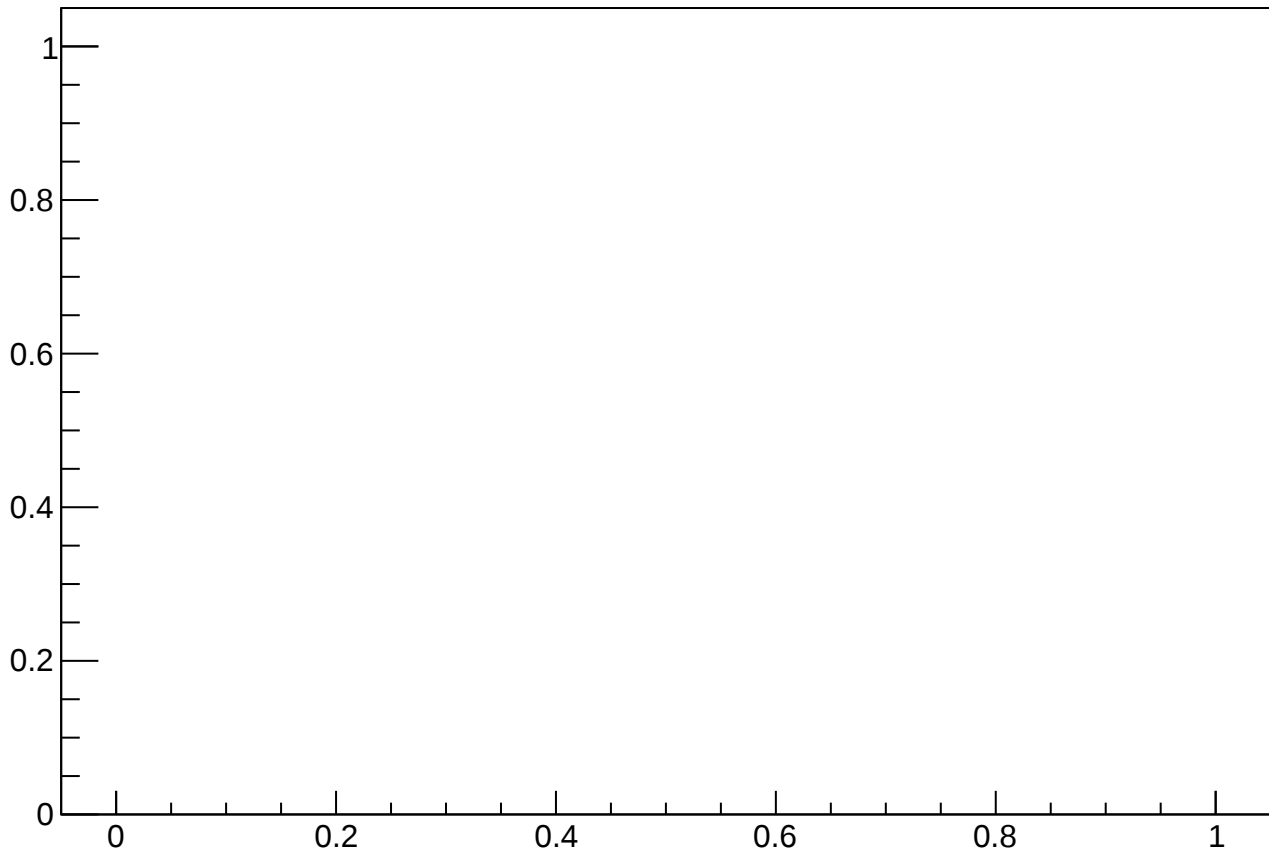
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_4aX_coil3_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_4aX_coil3_err_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_4aX_coil3_Ndata_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_4eX_coil3_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_4eX_coil3_err_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_4eX_coil3_Ndata_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_11X12X_coil3_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_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_11X12X_coil3_Ndata_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_4aY_coil3_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_4aY_coil3_err_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_4aY_coil3_Ndata_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_4eY_coil3_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_4eY_coil3_err_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_4eY_coil3_Ndata_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_usl_coil3_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_usl_coil3_err_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_usl_coil3_Ndata_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

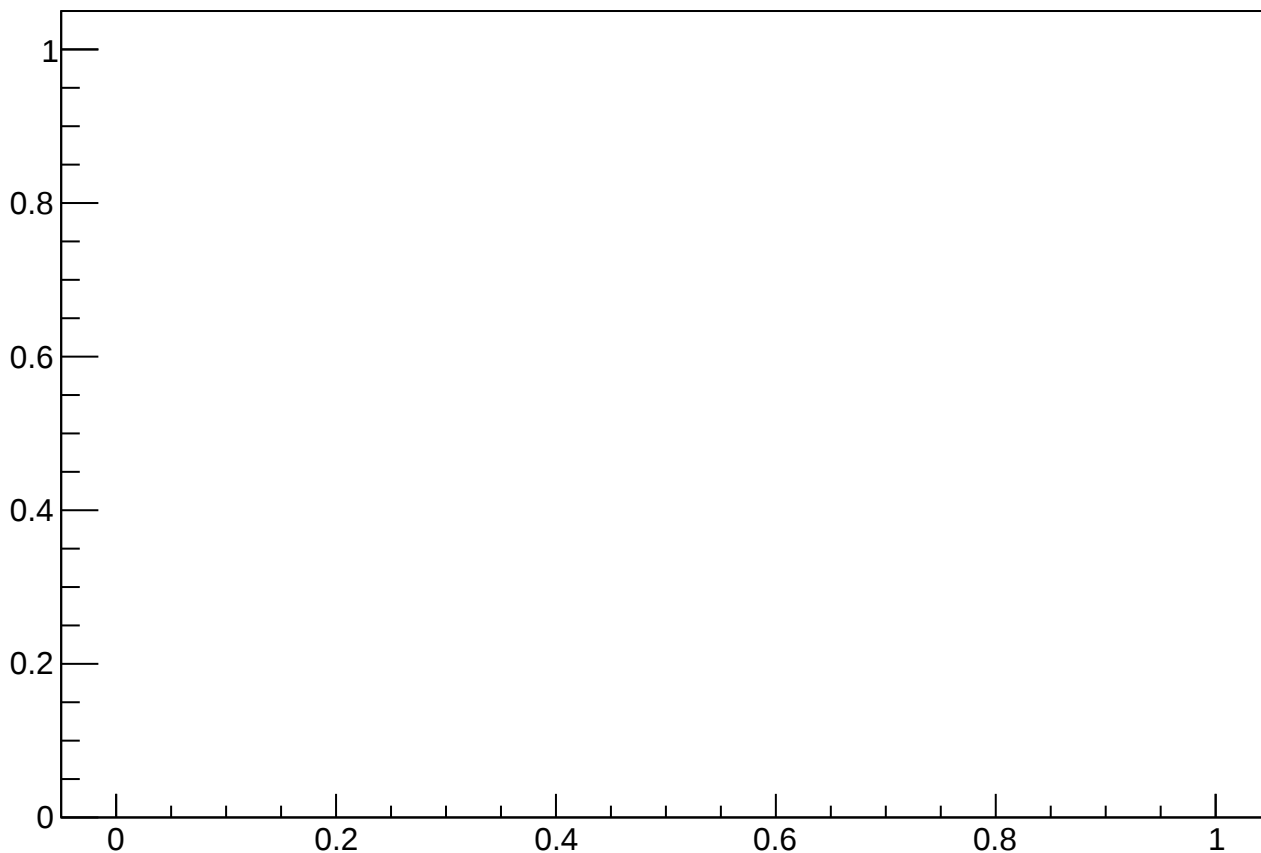
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_usr_coil3_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_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_atl1_coil3_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_atl1_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_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_atl2_coil3_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_atl2_coil3_err_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_atl2_coil3_Ndata_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_atr1_coil3_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_atr1_coil3_err_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_atr1_coil3_Ndata_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_atr2_coil3_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

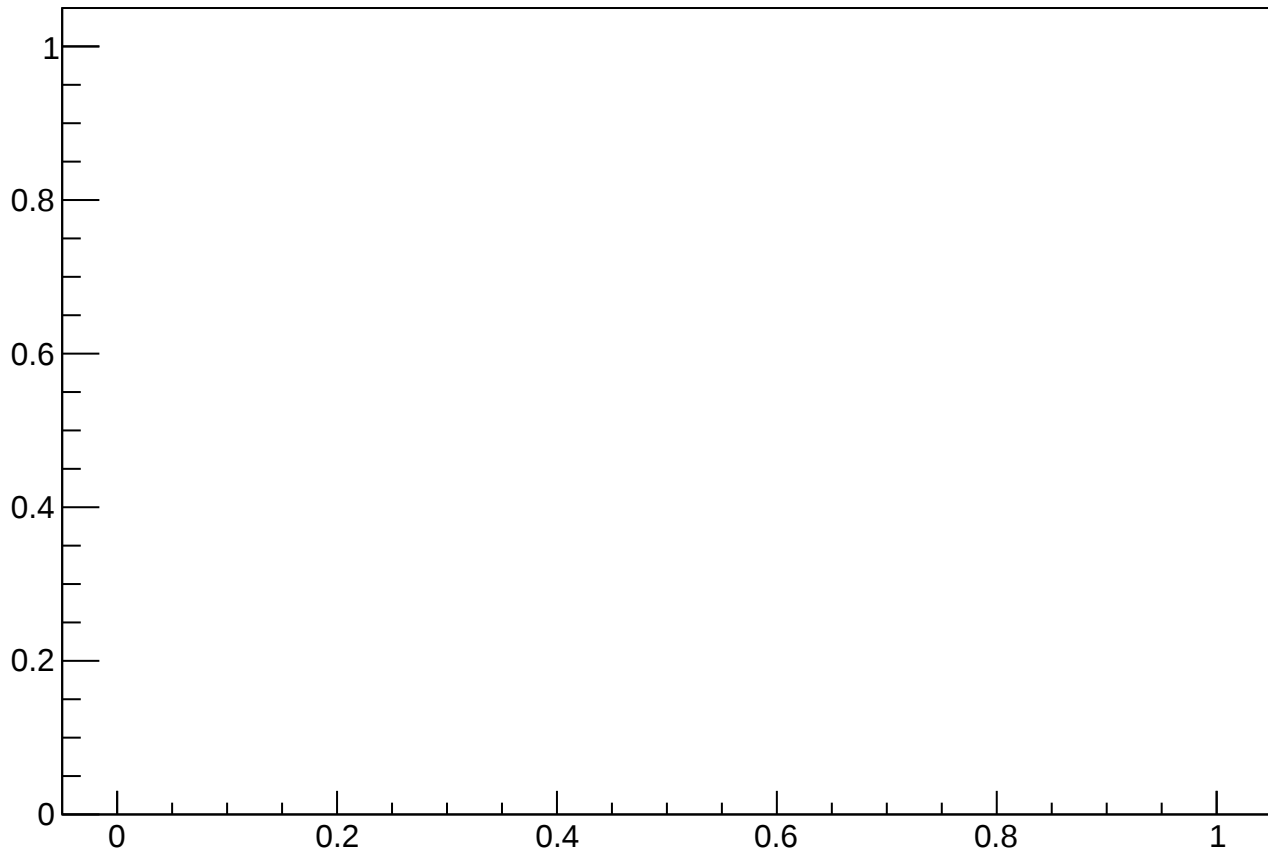
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_atr2_coil3_err_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_atr2_coil3_Ndata_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_sam1_coil3_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_sam1_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_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_sam2_coil3_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_sam2_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_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_sam3_coil3_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_sam3_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_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_sam4_coil3_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_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_sam4_coil3_Ndata_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_sam5_coil3_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_sam5_coil3_err_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_sam5_coil3_Ndata_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_sam6_coil3_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_sam6_coil3_err_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_sam6_coil3_Ndata_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_sam7_coil3_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_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_sam7_coil3_Ndata_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_sam8_coil3_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_sam8_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_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_4aX_coil7_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_4aX_coil7_err_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_4aX_coil7_Ndata_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

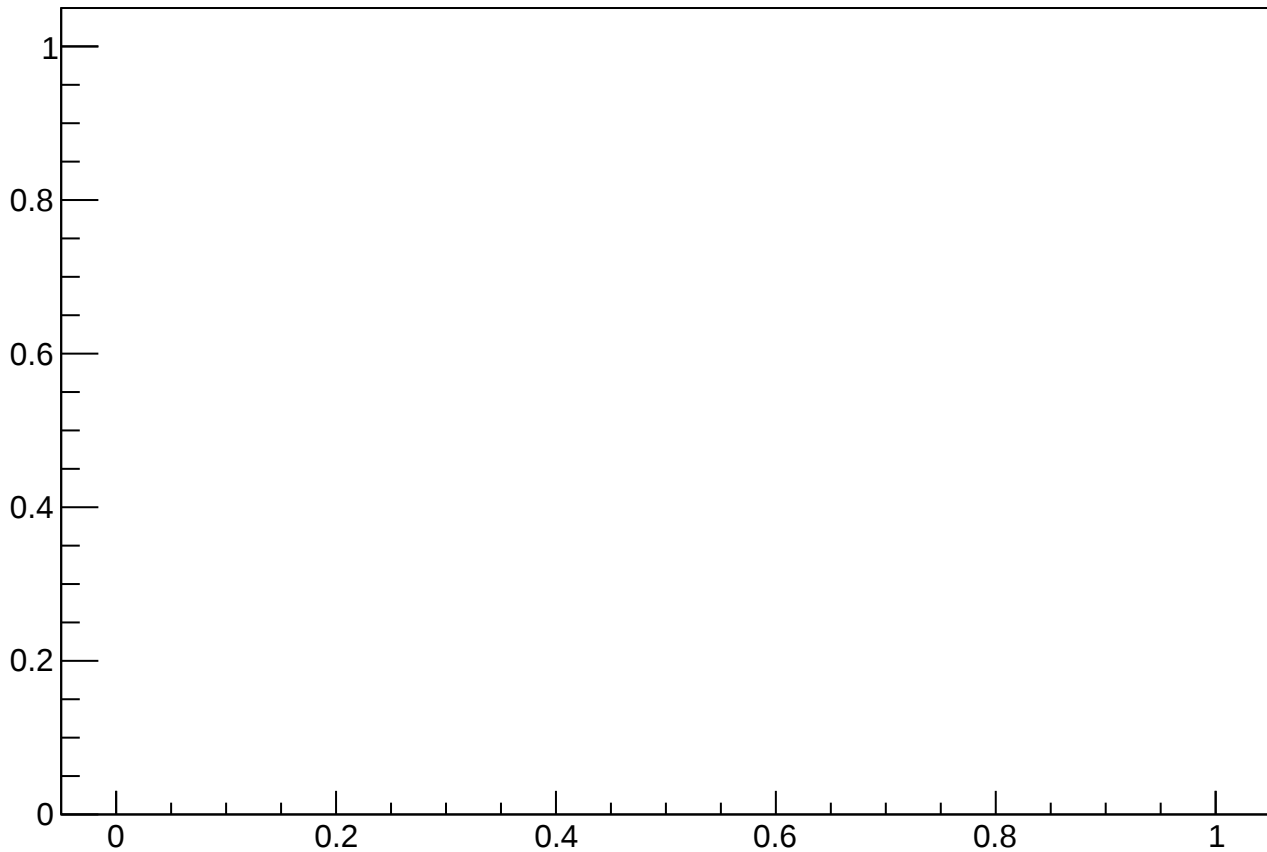
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_4eX_coil7_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_4eX_coil7_err_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_4eX_coil7_Ndata_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_11X12X_coil7_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_11X12X_coil7_err_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_11X12X_coil7_Ndata_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_4aY_coil7_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_4aY_coil7_err_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_4aY_coil7_Ndata_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_4eY_coil7_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_4eY_coil7_err_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_4eY_coil7_Ndata_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_usl_coil7_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_usl_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_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_usr_coil7_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_usr_coil7_err_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_usr_coil7_Ndata_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_atl1_coil7_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_atl1_coil7_err_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_atl1_coil7_Ndata_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_atl2_coil7_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_atl2_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_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_atr1_coil7_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_atr1_coil7_err_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_atr1_coil7_Ndata_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_atr2_coil7_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_atr2_coil7_err_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_atr2_coil7_Ndata_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_sam1_coil7_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_sam1_coil7_err_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_sam1_coil7_Ndata_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_sam2_coil7_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_sam2_coil7_err_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_sam2_coil7_Ndata_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_sam3_coil7_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_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_sam4_coil7_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_sam4_coil7_err_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_sam4_coil7_Ndata_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_sam5_coil7_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_sam5_coil7_err_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_sam5_coil7_Ndata_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_sam6_coil7_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_sam6_coil7_err_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_sam6_coil7_Ndata_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_sam7_coil7_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_sam7_coil7_err_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_sam7_coil7_Ndata_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_sam8_coil7_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_sam8_coil7_err_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_sam8_coil7_Ndata_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

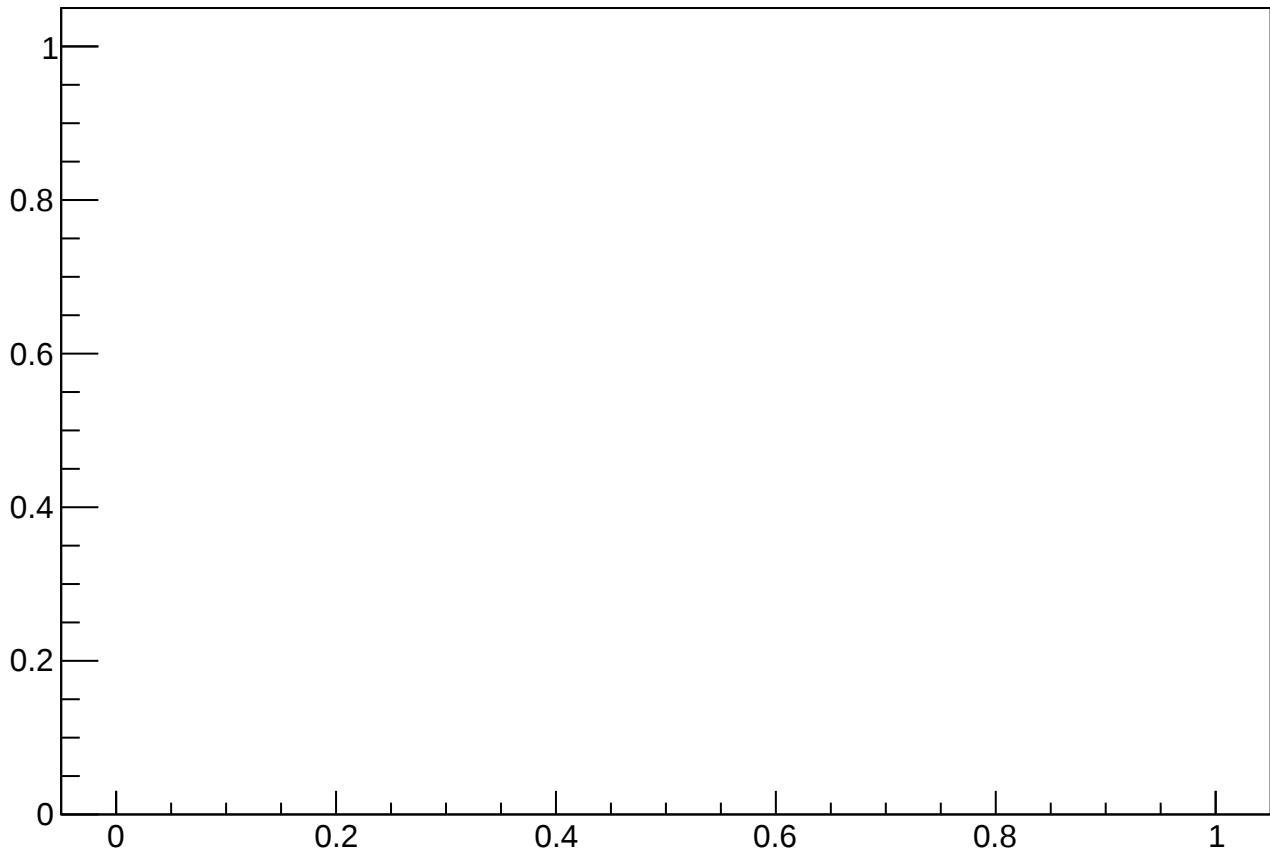
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_4aX_coil4_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_4aX_coil4_err_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_4aX_coil4_Ndata_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_4eX_coil4_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_4eX_coil4_err_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_4eX_coil4_Ndata_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_11X12X_coil4_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_11X12X_coil4_err_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_11X12X_coil4_Ndata_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_4aY_coil4_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_4aY_coil4_err_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_4aY_coil4_Ndata_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_4eY_coil4_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_4eY_coil4_err_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_4eY_coil4_Ndata_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_usl_coil4_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_usl_coil4_err_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_usl_coil4_Ndata_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_usr_coil4_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_usr_coil4_err_mean vs Slug



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

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

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

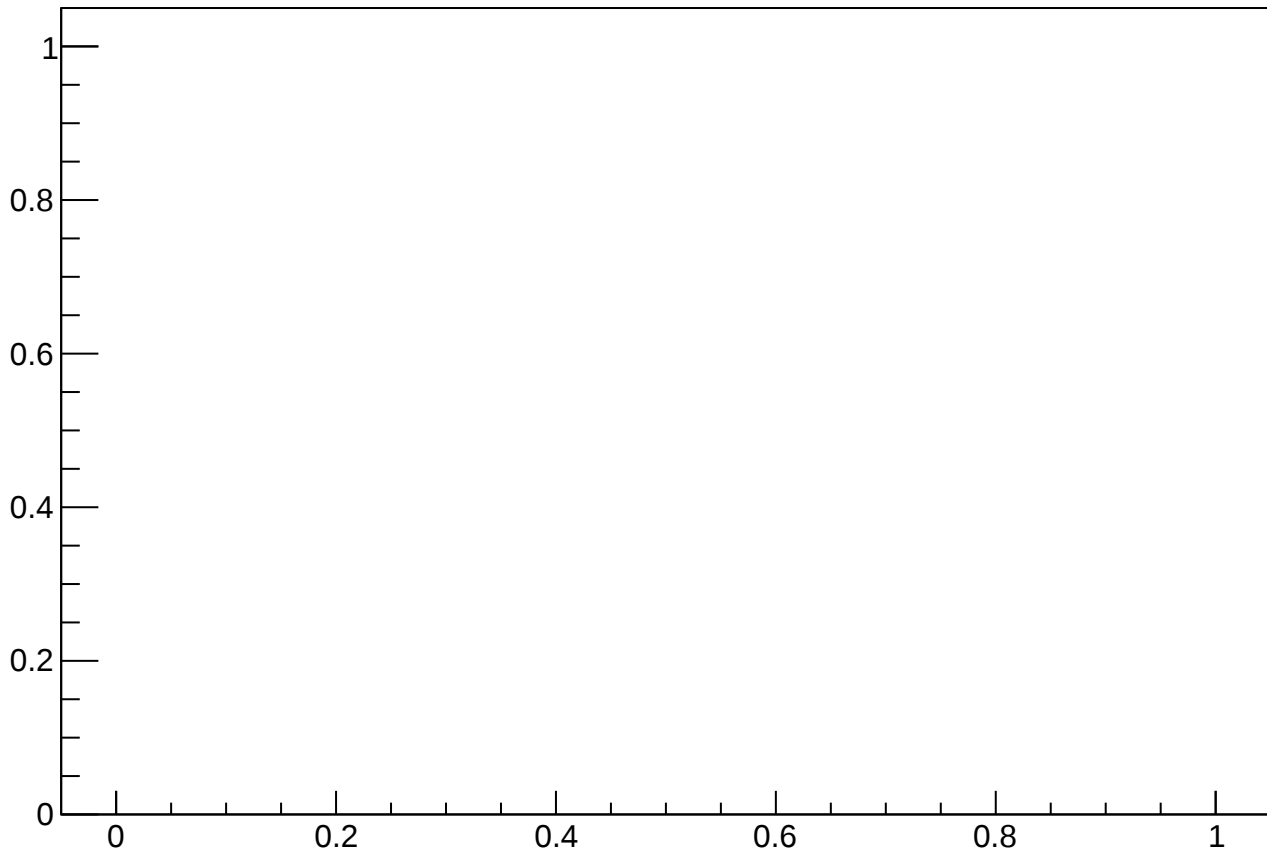
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_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_atl1_coil4_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_atl1_coil4_err_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_atl1_coil4_Ndata_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_atl2_coil4_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_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_atr1_coil4_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_atr1_coil4_err_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_atr1_coil4_Ndata_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_atr2_coil4_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_atr2_coil4_err_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_atr2_coil4_Ndata_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_sam1_coil4_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_sam1_coil4_err_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_sam1_coil4_Ndata_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_sam2_coil4_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_sam2_coil4_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_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_sam3_coil4_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_sam3_coil4_err_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_sam3_coil4_Ndata_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_sam4_coil4_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_sam4_coil4_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_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_sam5_coil4_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_sam5_coil4_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_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_sam6_coil4_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_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_sam6_coil4_Ndata_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_sam7_coil4_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_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_sam7_coil4_Ndata_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_sam8_coil4_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_sam8_coil4_err_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_sam8_coil4_Ndata_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

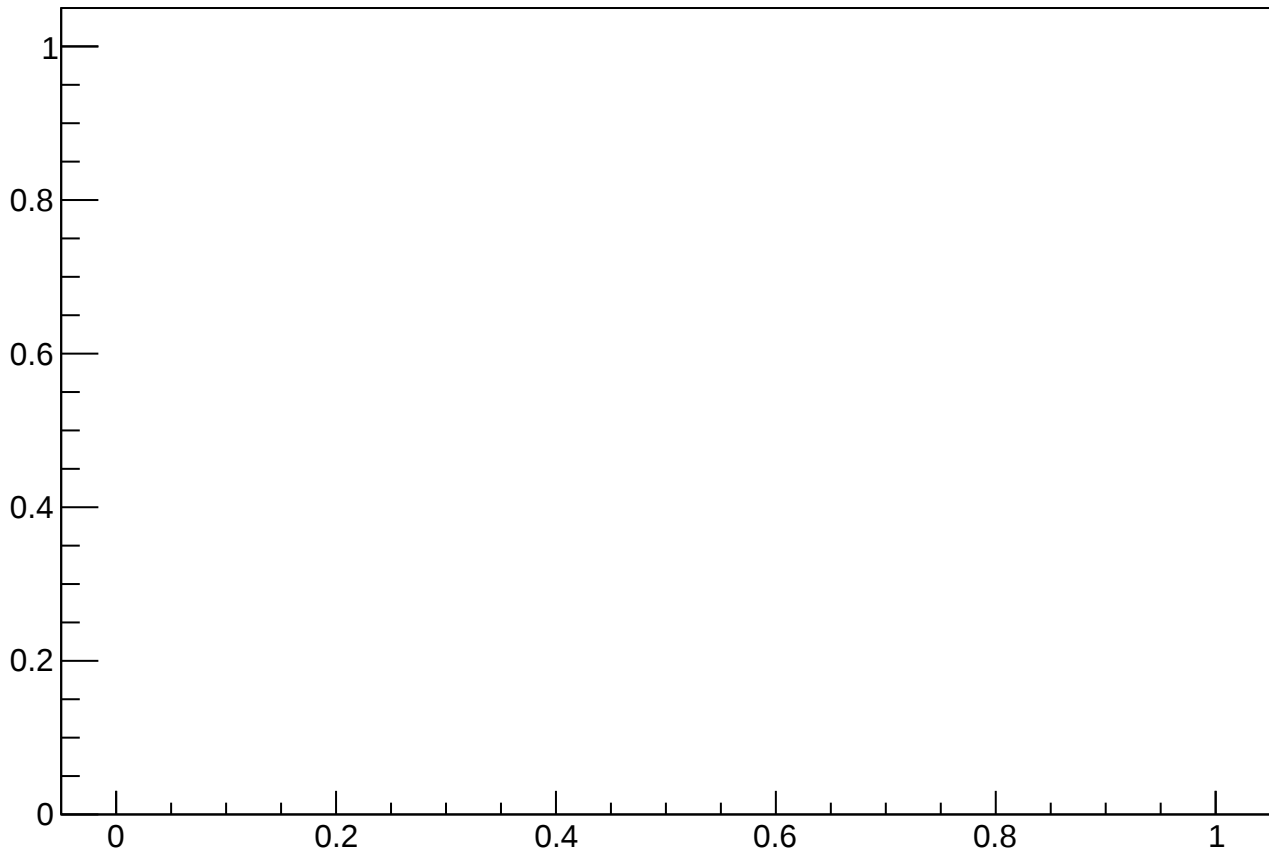
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_4aX_coil6_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_4aX_coil6_err_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_4aX_coil6_Ndata_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_4eX_coil6_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_4eX_coil6_err_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_4eX_coil6_Ndata_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_11X12X_coil6_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_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_11X12X_coil6_Ndata_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_4aY_coil6_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_4aY_coil6_err_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_4aY_coil6_Ndata_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_4eY_coil6_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_4eY_coil6_err_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_4eY_coil6_Ndata_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_usl_coil6_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_usl_coil6_err_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_usl_coil6_Ndata_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_usr_coil6_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_usr_coil6_err_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_usr_coil6_Ndata_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

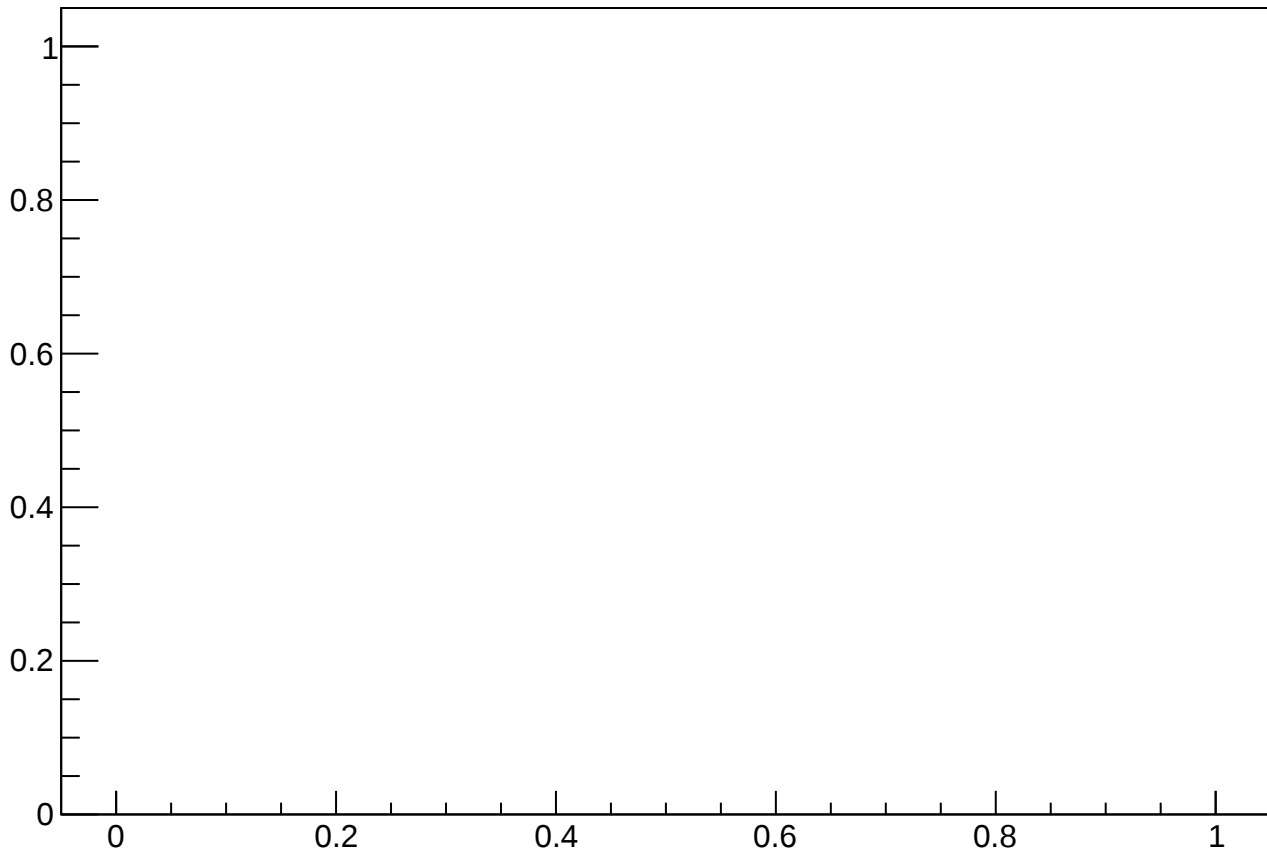
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_atl1_coil6_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_atl1_coil6_err_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_atl1_coil6_Ndata_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_atl2_coil6_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_atl2_coil6_err_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_atl2_coil6_Ndata_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_atr1_coil6_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_atr1_coil6_err_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_atr1_coil6_Ndata_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_atr2_coil6_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_atr2_coil6_err_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_atr2_coil6_Ndata_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_sam1_coil6_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_sam1_coil6_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_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_sam2_coil6_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_sam2_coil6_err_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_sam2_coil6_Ndata_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_sam3_coil6_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_sam3_coil6_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_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_sam4_coil6_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_sam4_coil6_err_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_sam4_coil6_Ndata_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_sam5_coil6_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_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_sam5_coil6_Ndata_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_sam6_coil6_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_sam6_coil6_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_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_sam7_coil6_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_sam7_coil6_err_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_sam7_coil6_Ndata_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_sam8_coil6_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_sam8_coil6_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_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

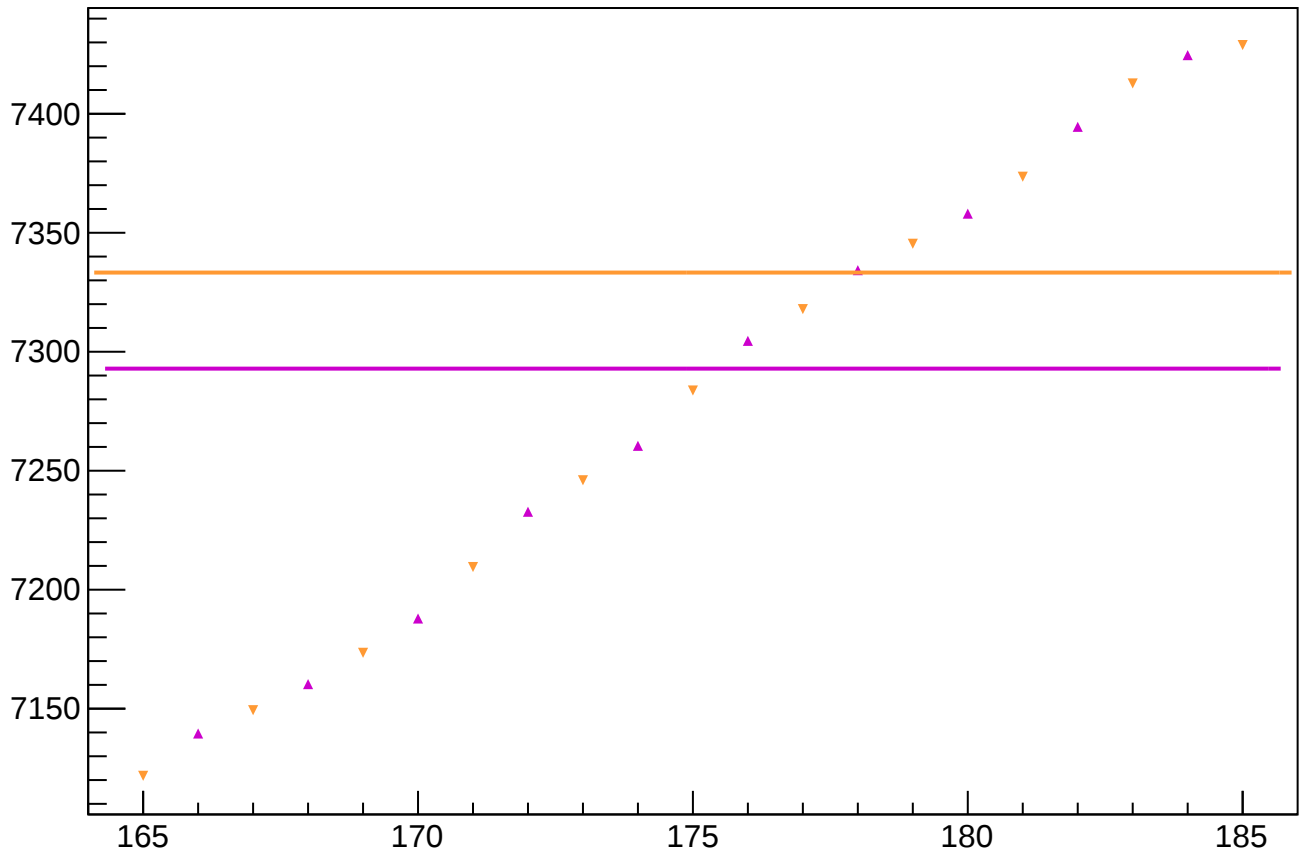
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_run_mean vs Slug



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

Left Out: 7333.280+/-0.102 χ^2/NDF :1054081.7/10

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

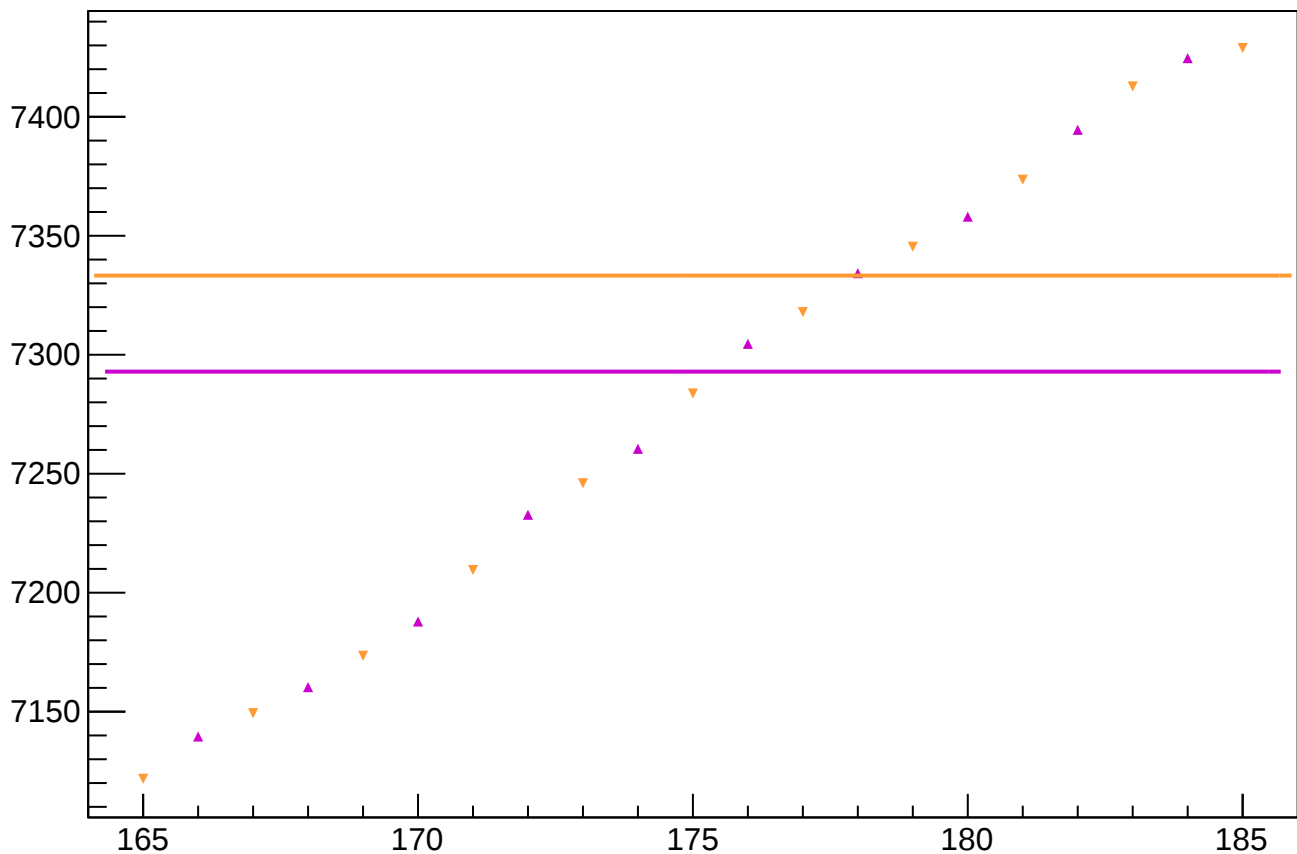
Left In: 7292.906+/-0.129 χ^2/NDF :644387.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7317.788+/-0.080 χ^2/NDF : 1758834.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug



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

Left Out: 7333.280+/-0.102 χ^2/NDF :1054081.7/10

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

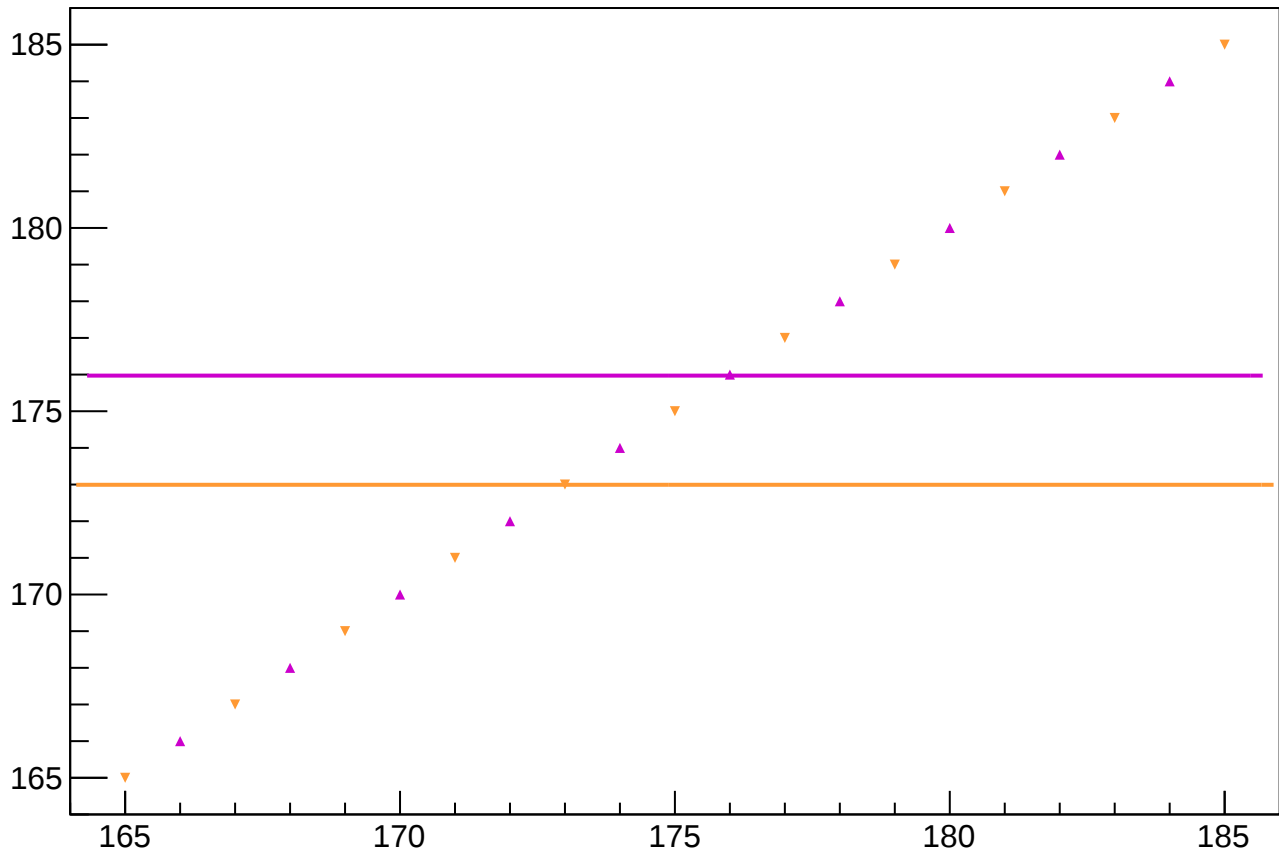
Left In: 7292.906+/-0.129 χ^2/NDF :644387.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7317.788+/-0.080 χ^2/NDF : 1758834.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug



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

Left Out: 172.994+/-0.000 χ^2/NDF : 21247986757150829100381228761088.0/10

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

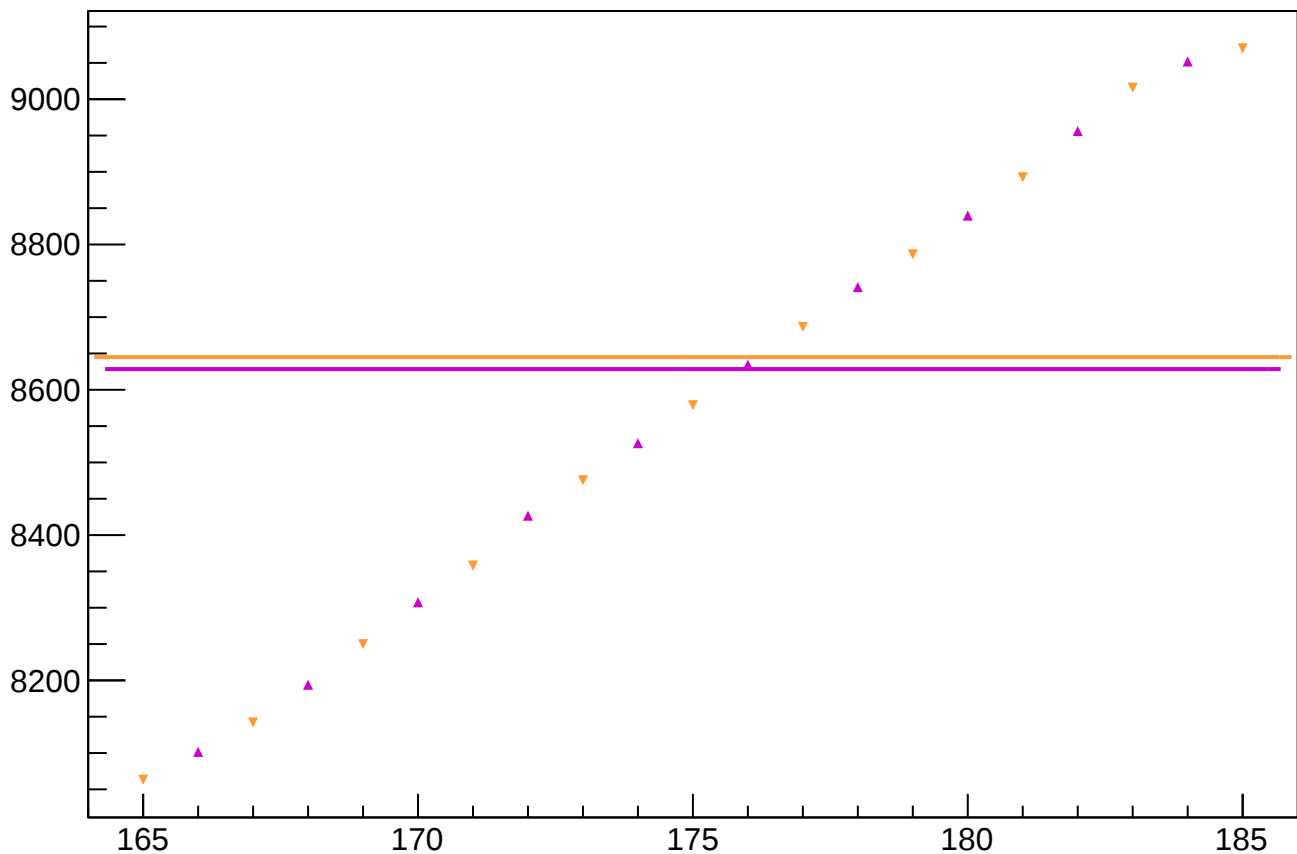
Left In: 175.972+/-0.000 χ^2/NDF : 16503728402046989297607174520832.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.832+/-0.000 χ^2/NDF : 398398323102

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug



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

Left Out: 8645.021+/-0.446 χ^2/NDF : 648424.9/10

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

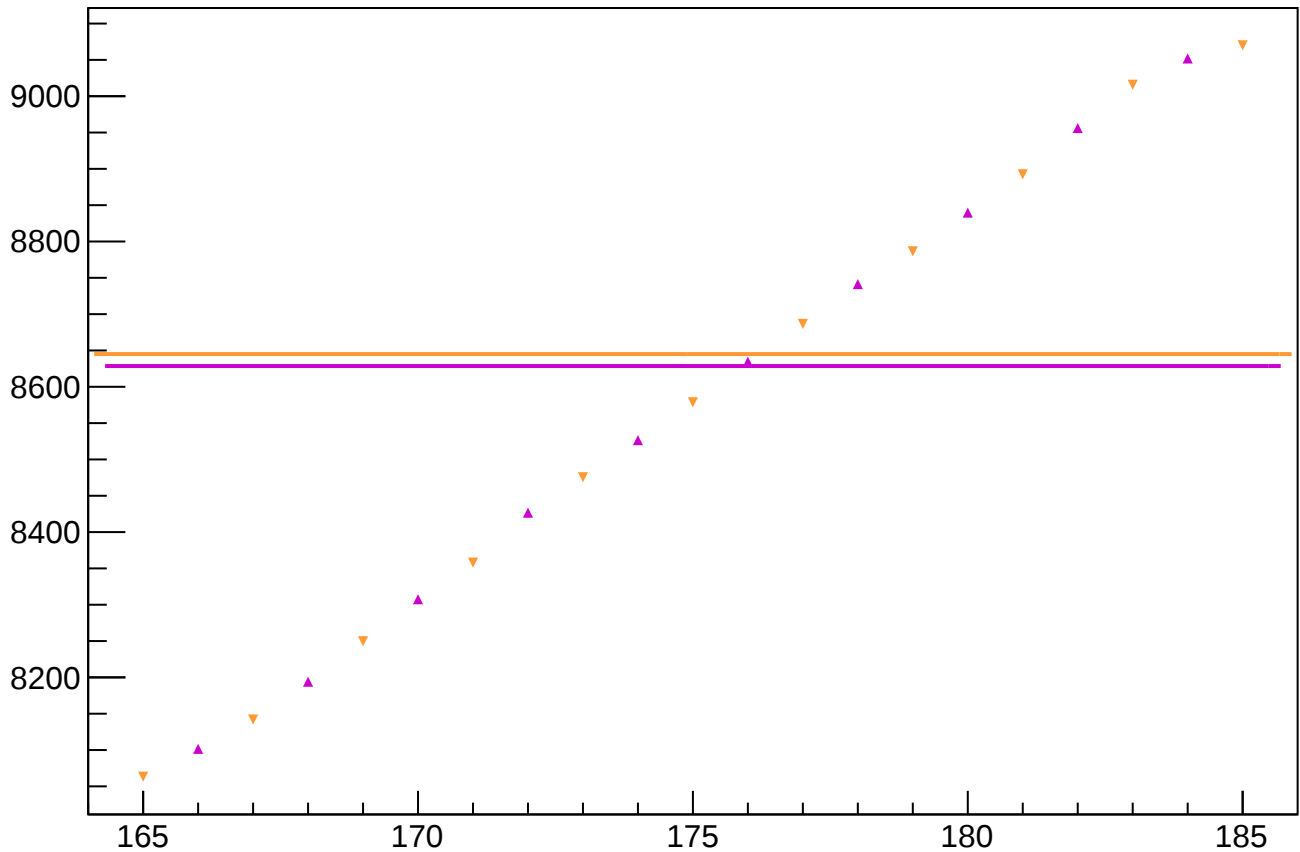
Left In: 8628.552+/-0.474 χ^2/NDF : 525548.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8637.290+/-0.325 χ^2/NDF : 1174615.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug



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

Left Out: 8645.021+/-0.446 χ^2/NDF : 648424.9/10

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

Left In: 8628.552+/-0.474 χ^2/NDF : 525548.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8637.290+/-0.325 χ^2/NDF : 1174615.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug



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

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

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

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata1_rms vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



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

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

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

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

dit_scandata2_rms vs Slug



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

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

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

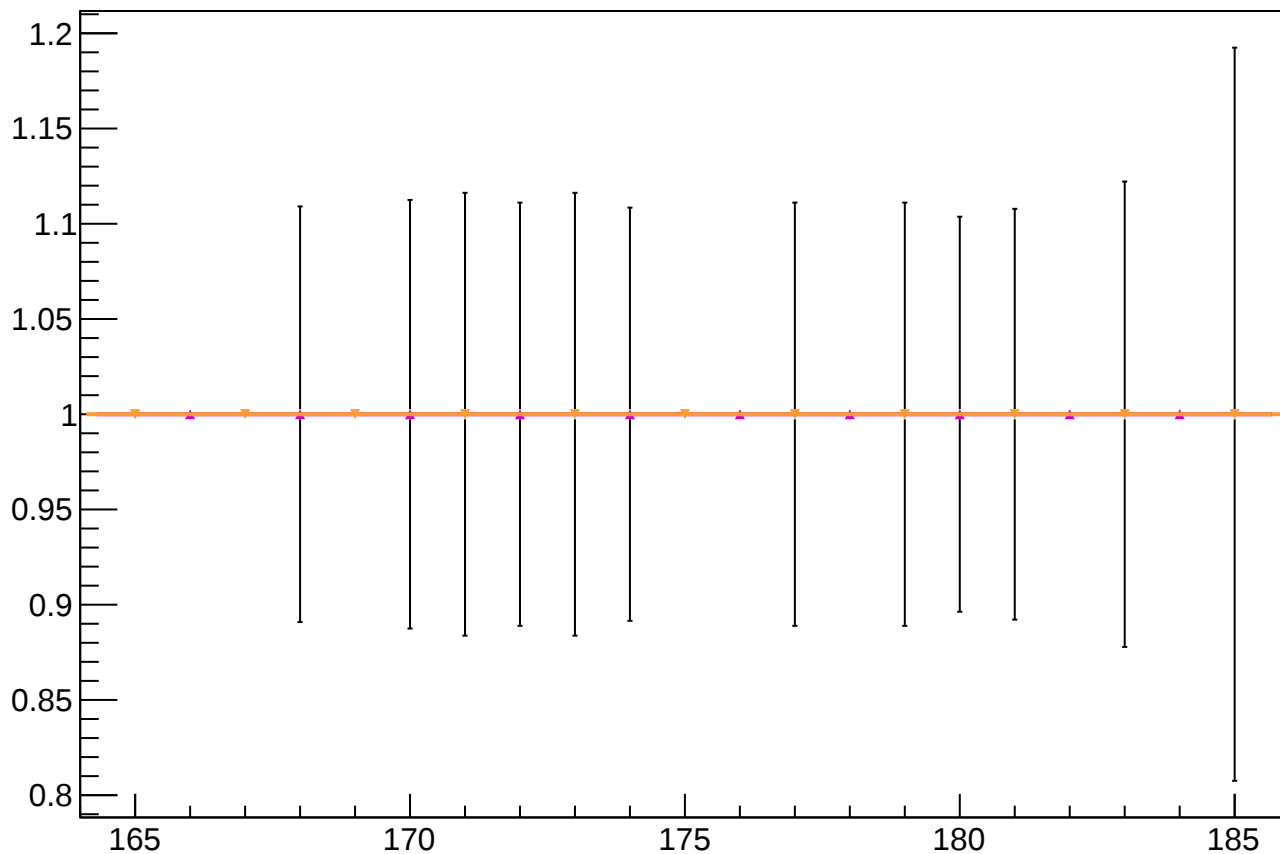
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF :1479.0/10

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

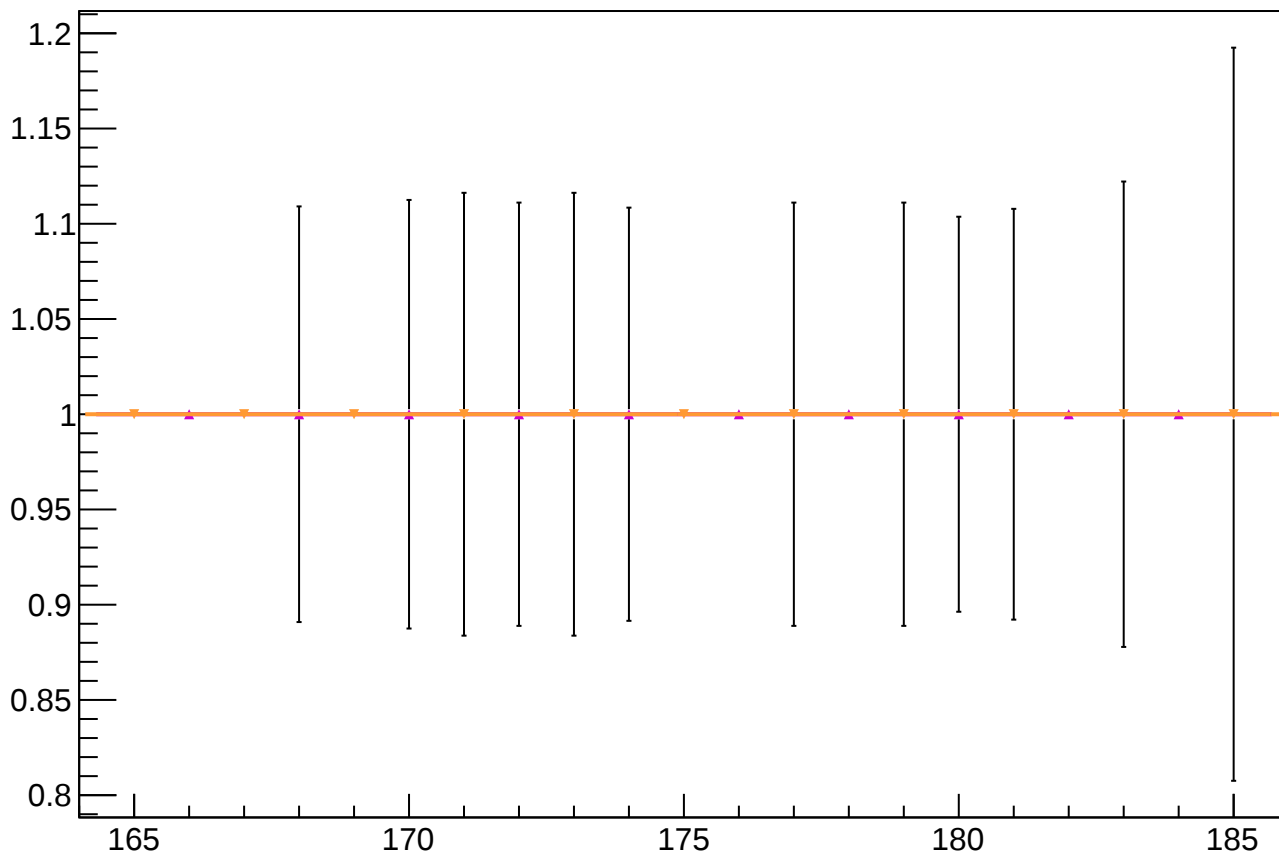
Left In: 1.000+/-0.000 χ^2/NDF :120.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 610.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF :1479.0/10

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

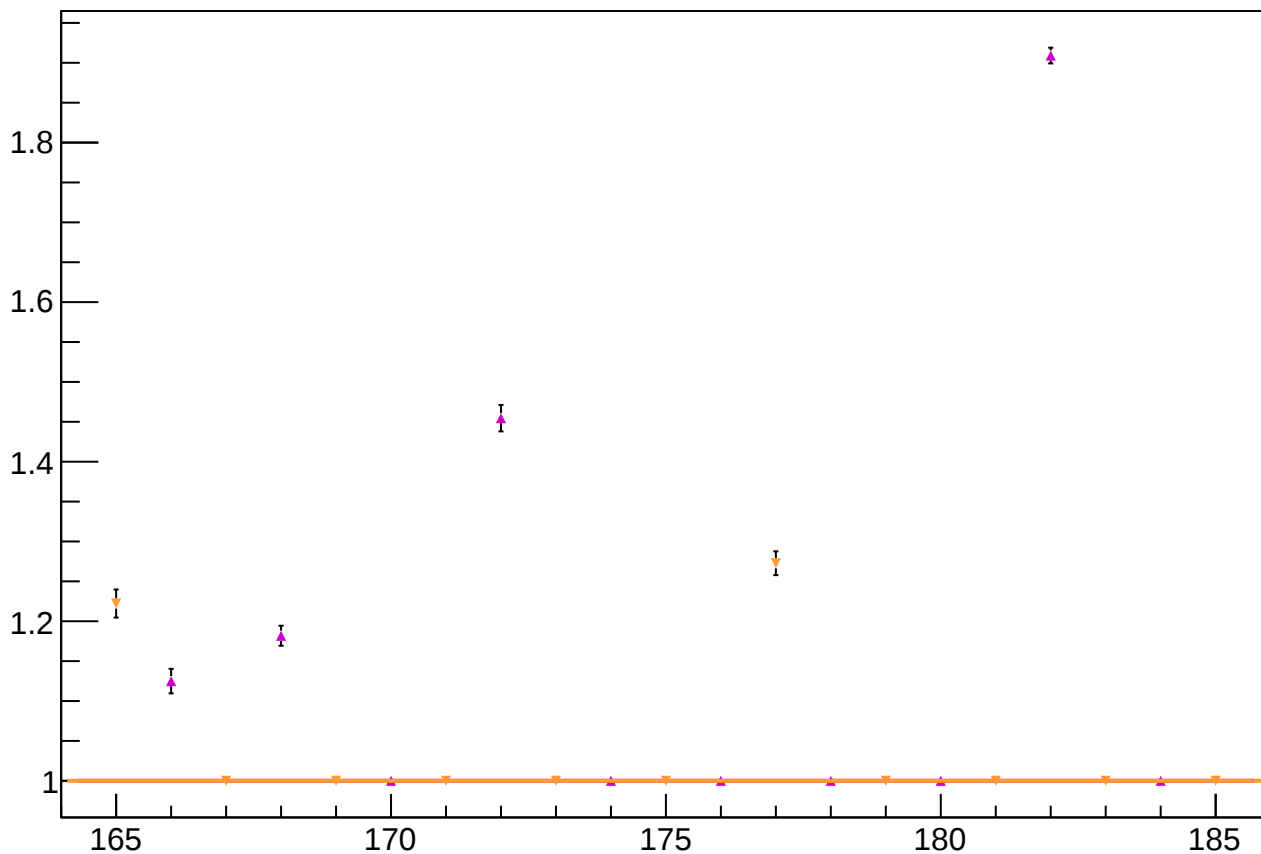
Left In: 1.000+/-0.000 χ^2/NDF :120.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 610.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 8141.6/10

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

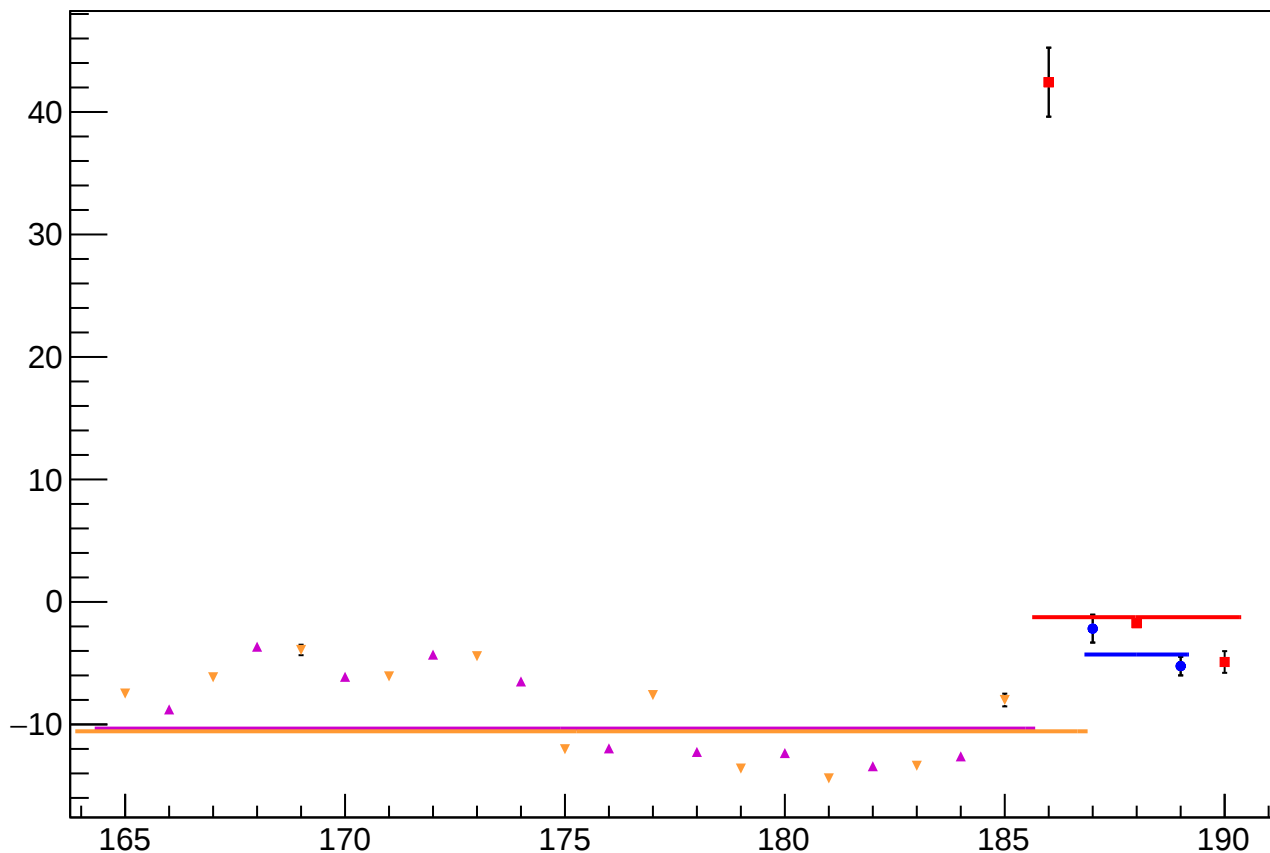
Left In: 1.000+/-0.000 χ^2/NDF : 11158.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 24391.7/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -4.292 ± 0.447 χ^2/NDF : 10.0/3

Left Out: -10.561 ± 0.092 χ^2/NDF : 1642.2/10

Right Out: -1.244 ± 0.261 χ^2/NDF : 500.8/4

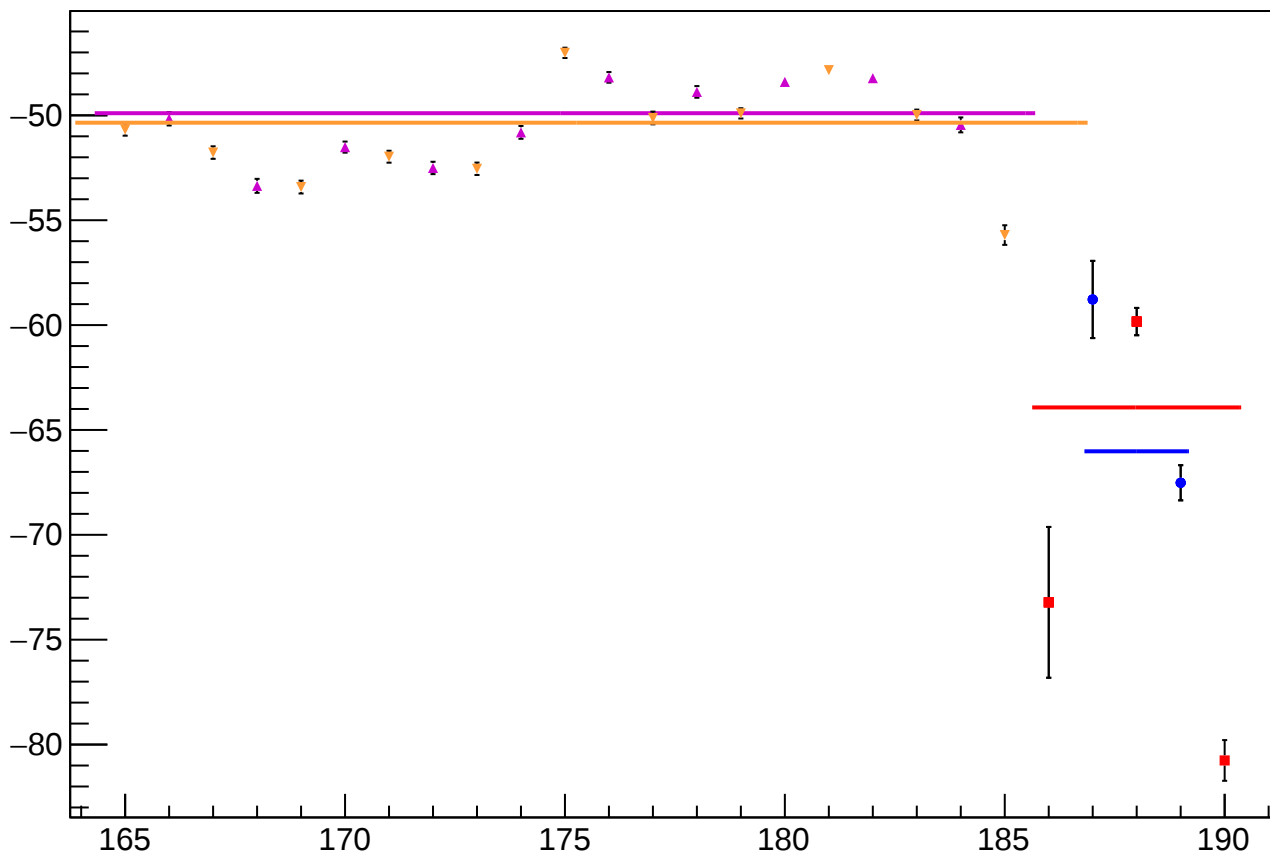
Left In: -10.341 ± 0.095 χ^2/NDF : 1228.9/9

+ sign -10.307 ± 0.090 χ^2/NDF : 1841.1/14

All: -9.790 ± 0.063 χ^2/NDF : 4705.6/29

- sign -9.280 ± 0.089 χ^2/NDF : 2798.7/14

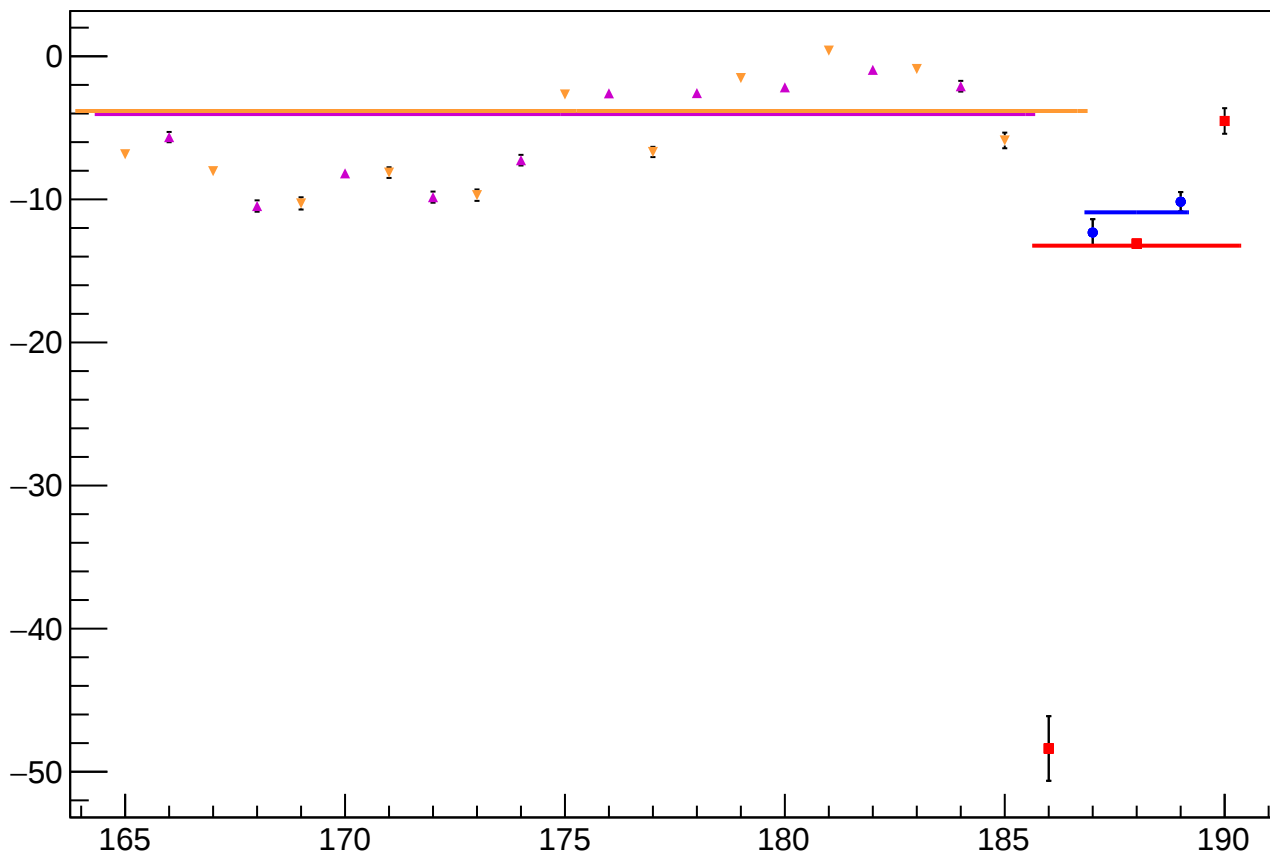
reg_asym_sam1_diff_bpm4aY_slope vs Slug



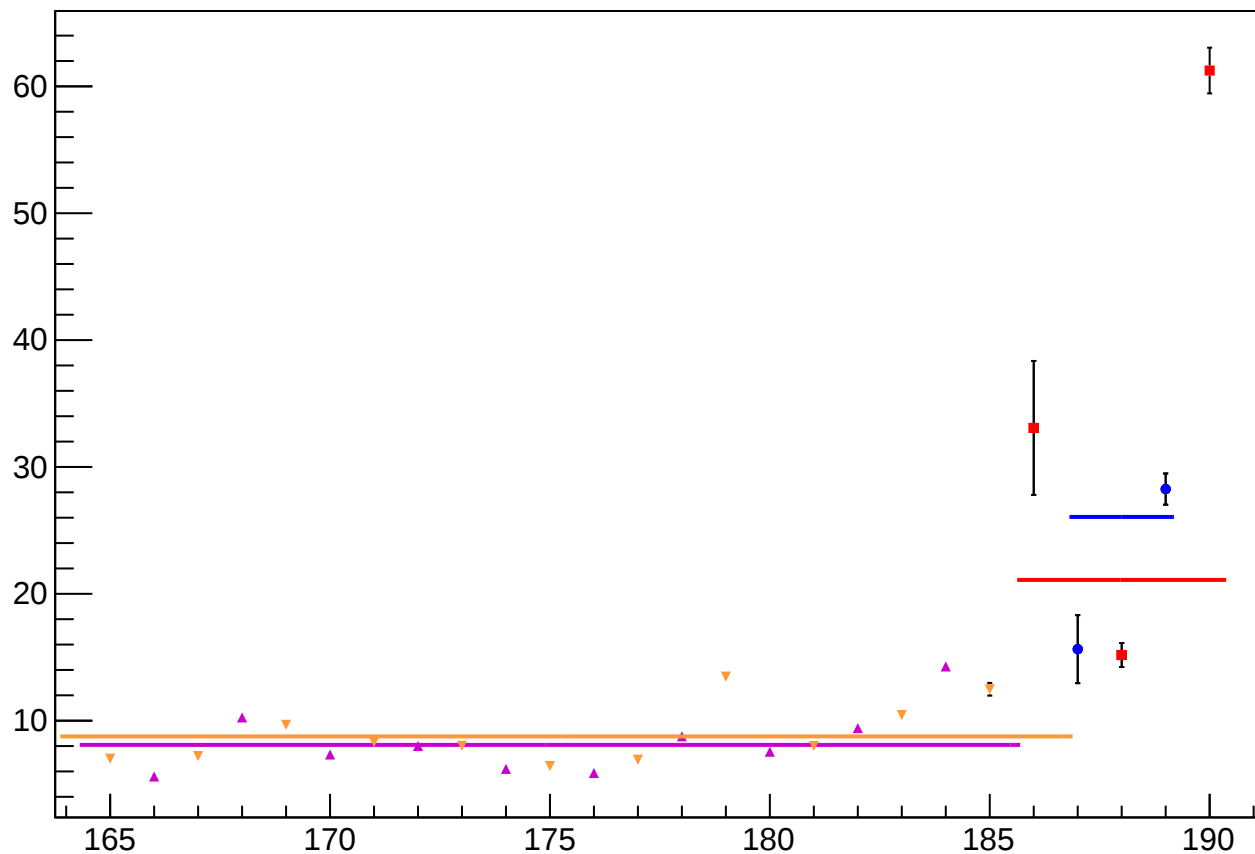
Right In: -66.018 ± 0.539 χ^2/NDF : 37.3/3
 Left Out: -50.351 ± 0.084 χ^2/NDF : 660.7/10
 Right Out: -63.926 ± 0.411 χ^2/NDF : 393.2/4
 Left In: -49.897 ± 0.088 χ^2/NDF : 391.3/9

+ sign -50.723 ± 0.083 χ^2/NDF : 1522.2/14
 All: -50.619 ± 0.060 χ^2/NDF : 3426.9/29
 - sign -50.509 ± 0.086 χ^2/NDF : 1901.4/14

reg_asym_sam1_diff_bpm4eX_slope vs Slug



reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 26.061 $\pm$ 0.791 χ^2 /NDF: 36.6/3

Left Out: 8.761 $\pm$ 0.091 χ^2 /NDF: 595.6/10

Right Out: 21.098 $\pm$ 0.619 χ^2 /NDF: 584.3/4

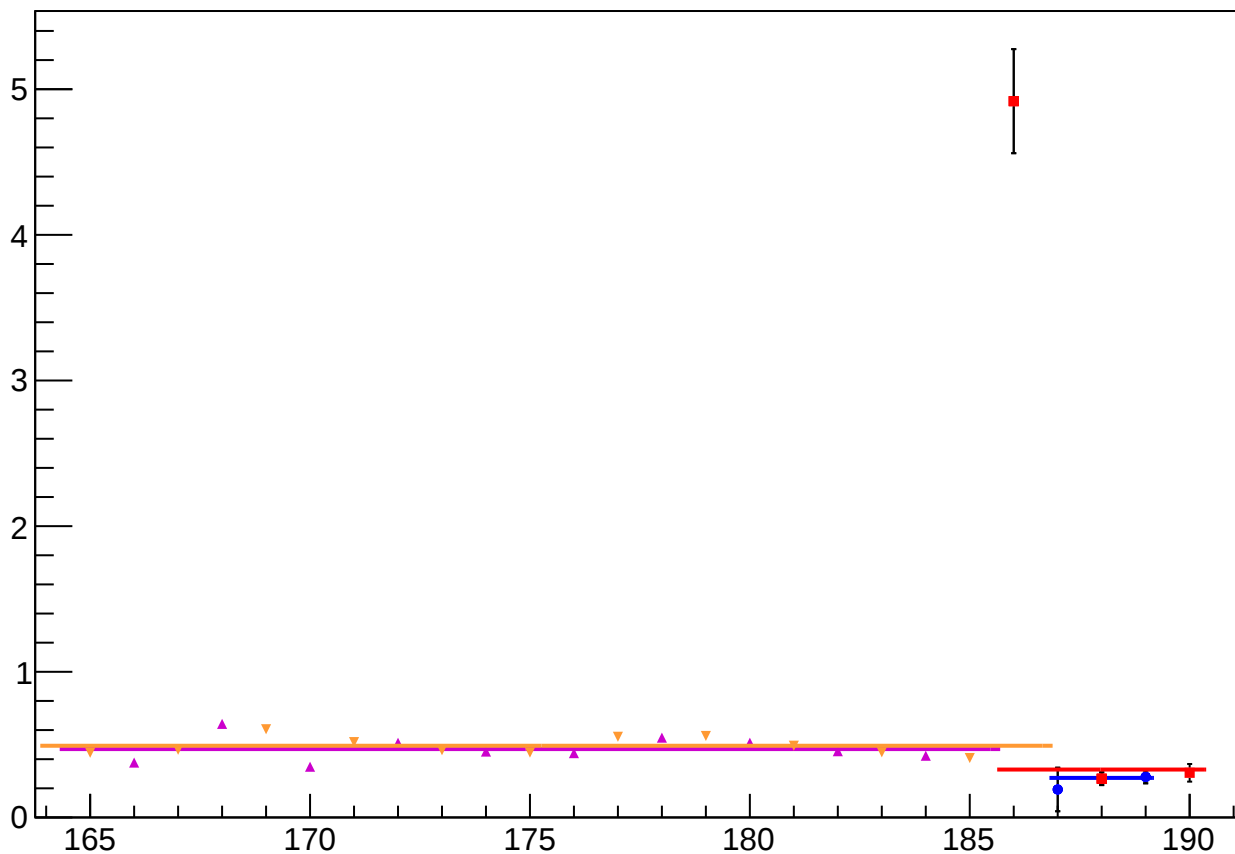
Left In: 8.092 $\pm$ 0.094 χ^2 /NDF: 496.0/9

+ sign 8.985 $\pm$ 0.090 χ^2 /NDF: 1104.6/14

All: 8.696 $\pm$ 0.065 χ^2 /NDF: 2637.8/29

- sign 8.386 $\pm$ 0.093 χ^2 /NDF: 1511.8/14

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.272 $\pm$ 0.030 χ^2 /NDF: 0.6/3

Left Out: 0.492 $\pm$ 0.004 χ^2 /NDF:172.0/10

Right Out: 0.329 $\pm$ 0.027 χ^2 /NDF: 334.2/4

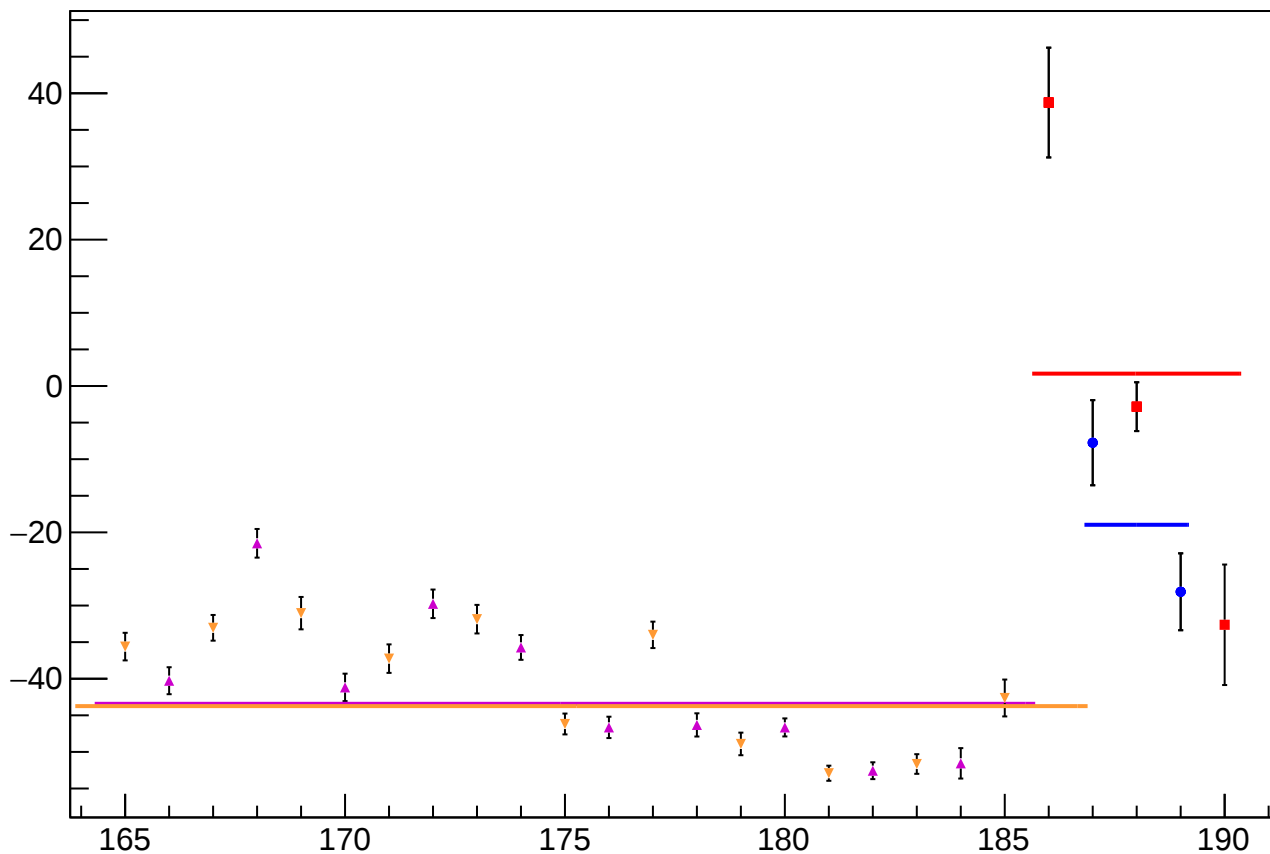
Left In: 0.469 $\pm$ 0.004 χ^2 /NDF:327.3/9

+ sign 0.488 $\pm$ 0.004 χ^2 /NDF: 226.3/14

All: 0.478 $\pm$ 0.003 χ^2 /NDF: 928.4/29

- sign 0.466 $\pm$ 0.004 χ^2 /NDF: 687.3/14

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -18.963 ± 2.757 $\chi^2/\text{NDF}: 13.5/3$

Left Out: -43.742 ± 0.488 $\chi^2/\text{NDF}: 293.7/10$

Right Out: 1.691 ± 2.085 $\chi^2/\text{NDF}: 69.8/4$

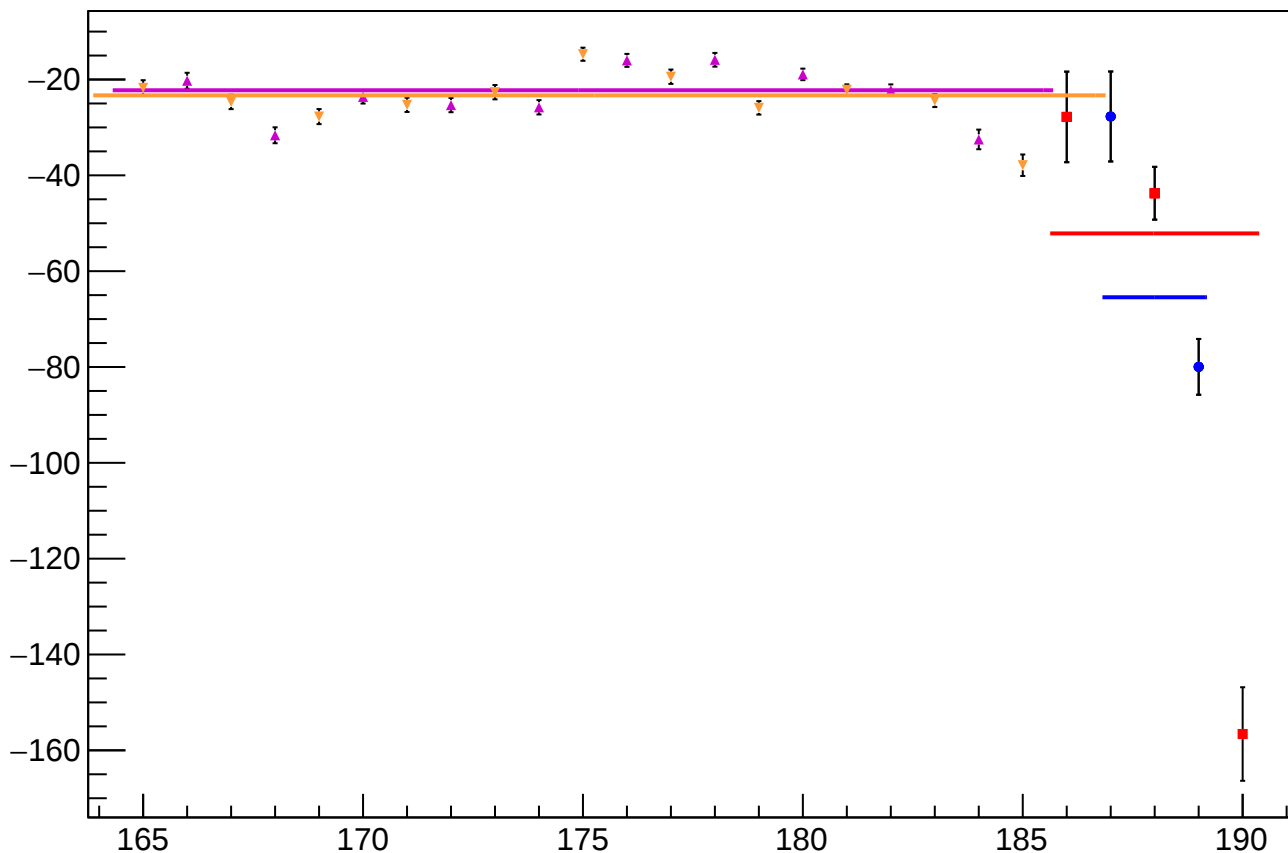
Left In: -43.427 ± 0.502 $\chi^2/\text{NDF}: 293.1/9$

+ sign -42.990 ± 0.480 $\chi^2/\text{NDF}: 385.5/14$

All: -41.988 ± 0.342 $\chi^2/\text{NDF}: 1199.8/29$

- sign -40.953 ± 0.488 $\chi^2/\text{NDF}: 805.4/14$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -65.446 +/- 3.500 χ^2/NDF : 44.7/3

Left Out: -23.307 +/- 0.442 χ^2/NDF : 105.0/10

Right Out: -52.120 +/- 3.183 χ^2/NDF : 132.4/4

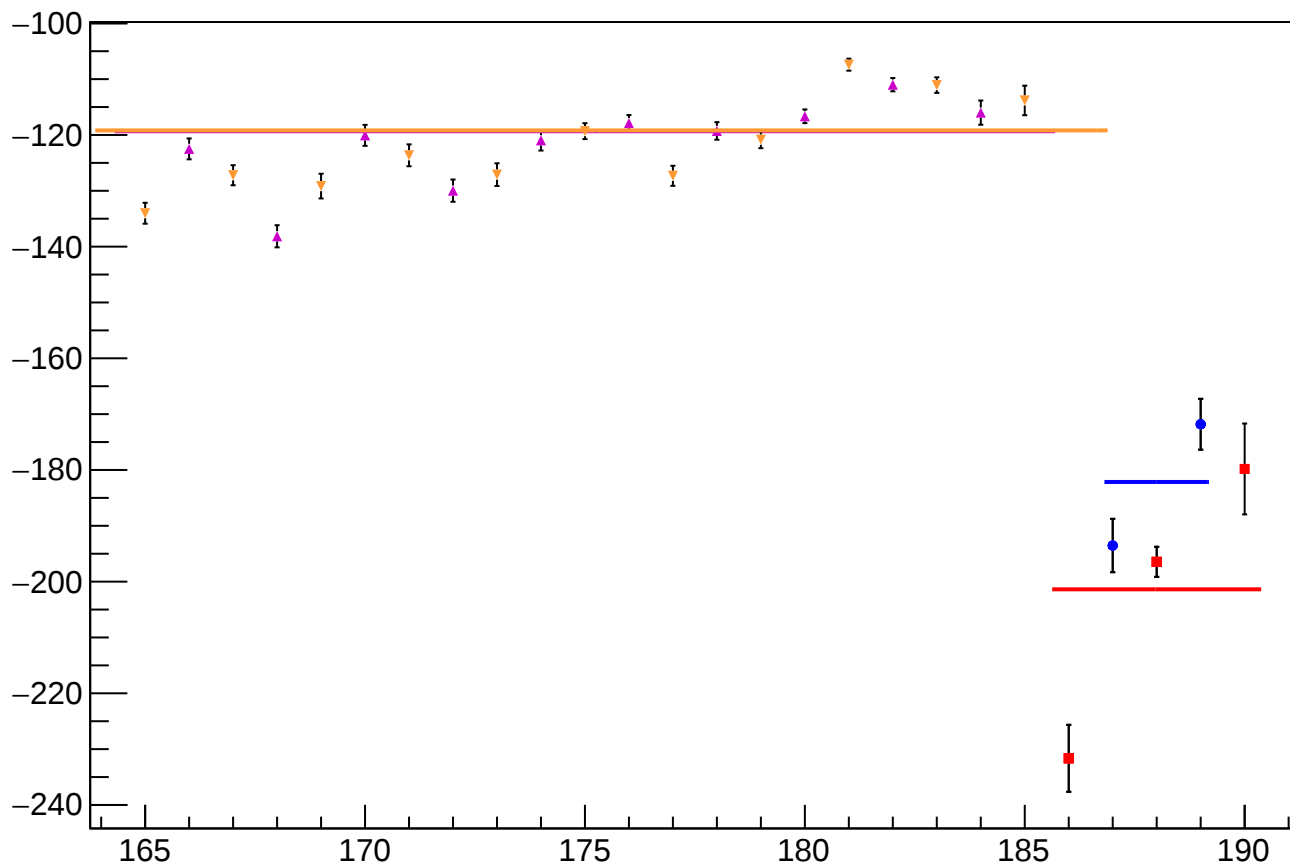
Left In: -22.246 +/- 0.457 χ^2/NDF : 118.0/9

+ sign -23.968 +/- 0.438 χ^2/NDF : 292.5/14

All: -23.427 +/- 0.315 χ^2/NDF : 632.3/29

- sign -22.850 +/- 0.452 χ^2/NDF : 336.7/14

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -182.150 $\pm$ 2.331 χ^2 /NDF: 21.7/3

Left Out: -119.184 $\pm$ 0.496 χ^2 /NDF:303.1/10

Right Out: -201.376 $\pm$ 1.699 χ^2 /NDF: 64.6/4

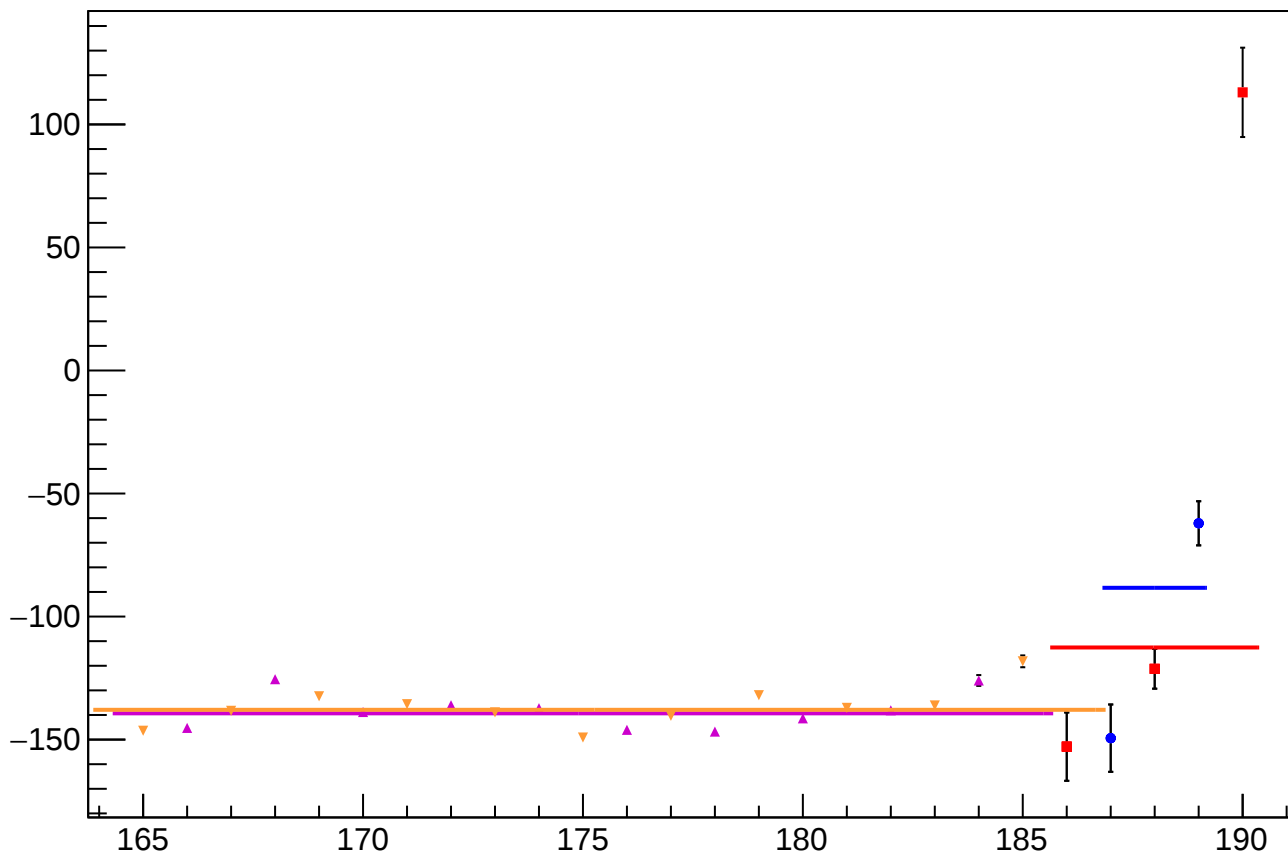
Left In: -119.332 $\pm$ 0.511 χ^2 /NDF:179.2/9

+ sign -121.913 $\pm$ 0.485 χ^2 /NDF: 1022.6/14

All: -124.006 $\pm$ 0.345 χ^2 /NDF: 3442.5/29

- sign -126.130 $\pm$ 0.489 χ^2 /NDF: 2382.5/14

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -88.315 ± 5.302 χ^2/NDF : 57.0/3

Left Out: -137.897 ± 0.477 χ^2/NDF : 184.3/10

Right Out: -112.566 ± 4.763 χ^2/NDF : 173.5/4

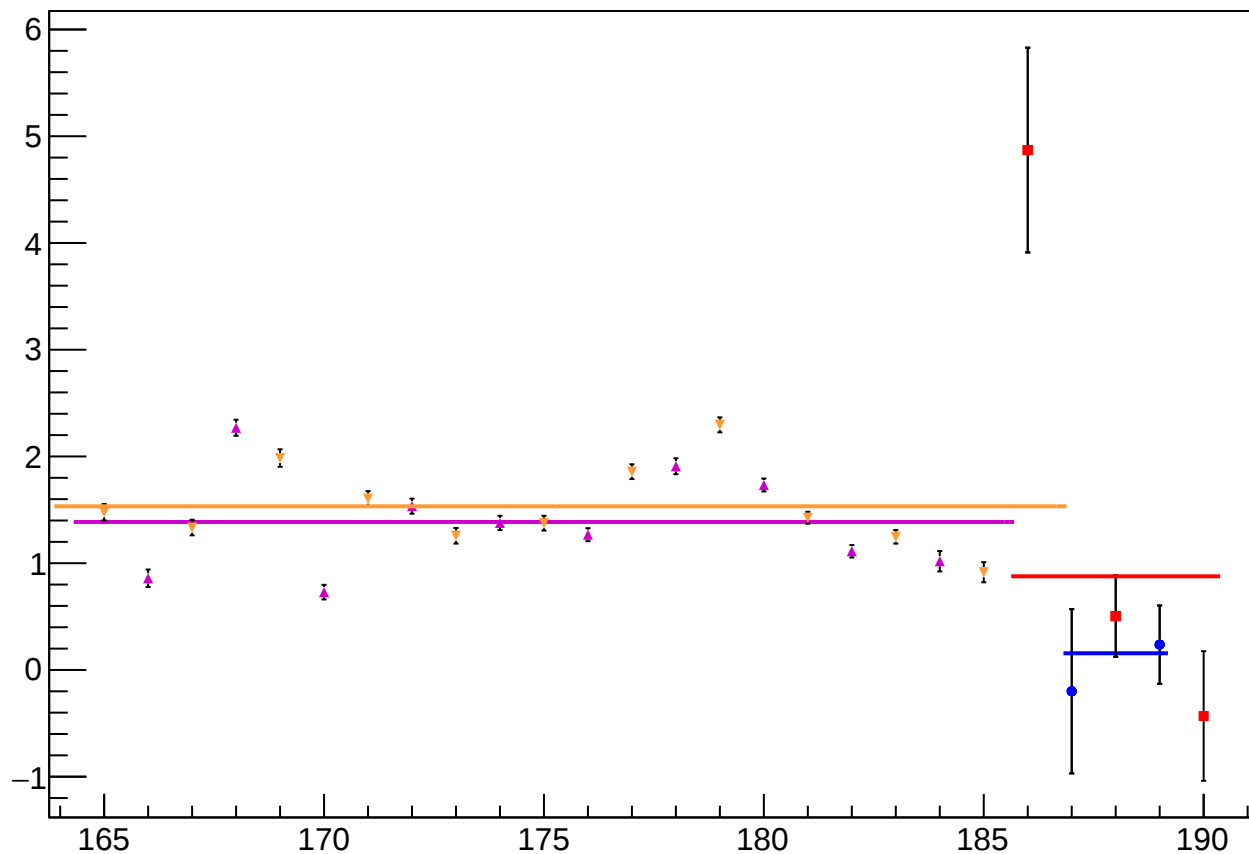
Left In: -139.332 ± 0.492 χ^2/NDF : 154.4/9

+ sign -137.499 ± 0.475 χ^2/NDF : 328.0/14

All: -138.251 ± 0.341 χ^2/NDF : 692.3/29

- sign -139.049 ± 0.490 χ^2/NDF : 359.1/14

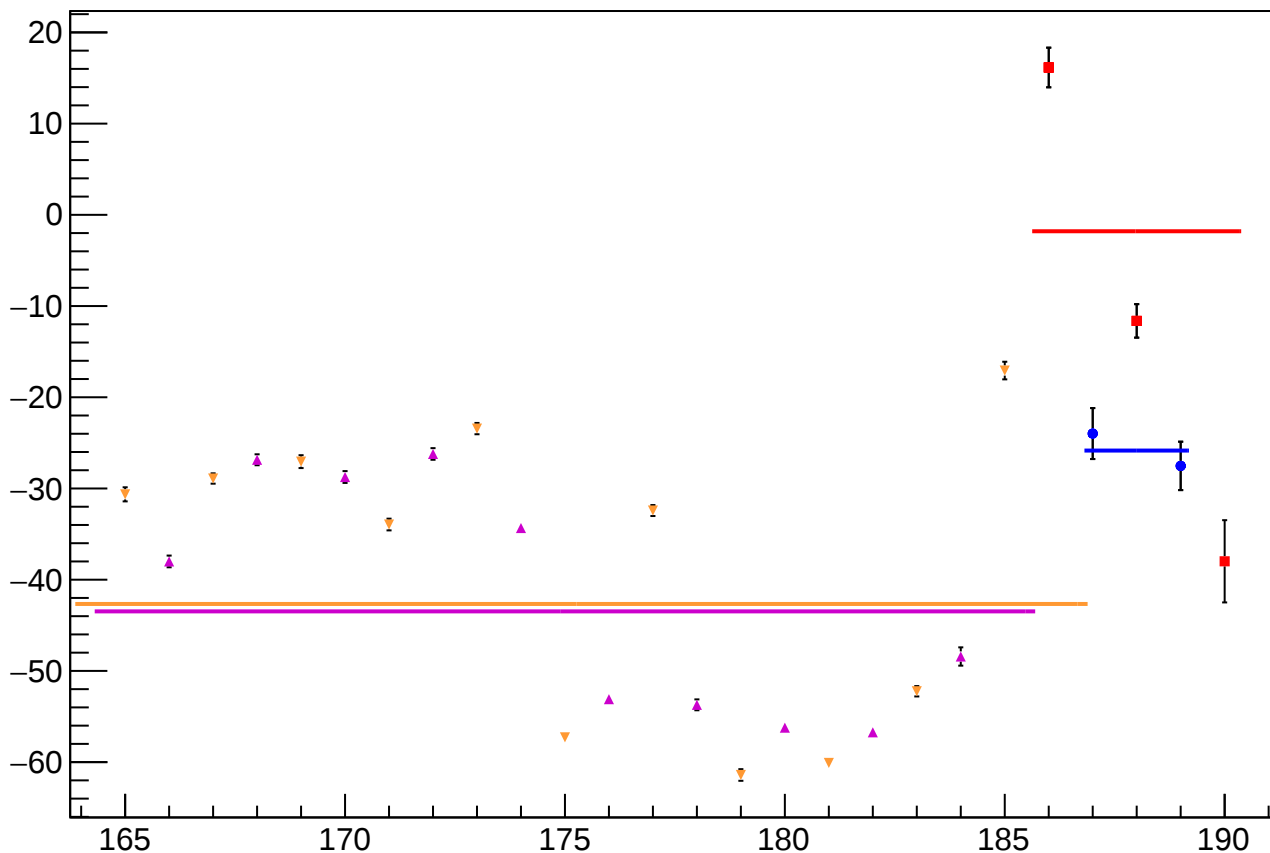
reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.156 ± 0.234 χ^2/NDF : 0.5/3
 Left Out: 1.533 ± 0.021 χ^2/NDF : 265.8/10
 Right Out: 0.877 ± 0.232 χ^2/NDF : 41.2/4
 Left In: 1.386 ± 0.022 χ^2/NDF : 397.3/9

+ sign 1.522 ± 0.021 χ^2/NDF : 300.6/14
 All: 1.454 ± 0.015 χ^2/NDF : 765.0/29
 - sign 1.382 ± 0.022 χ^2/NDF : 443.3/14

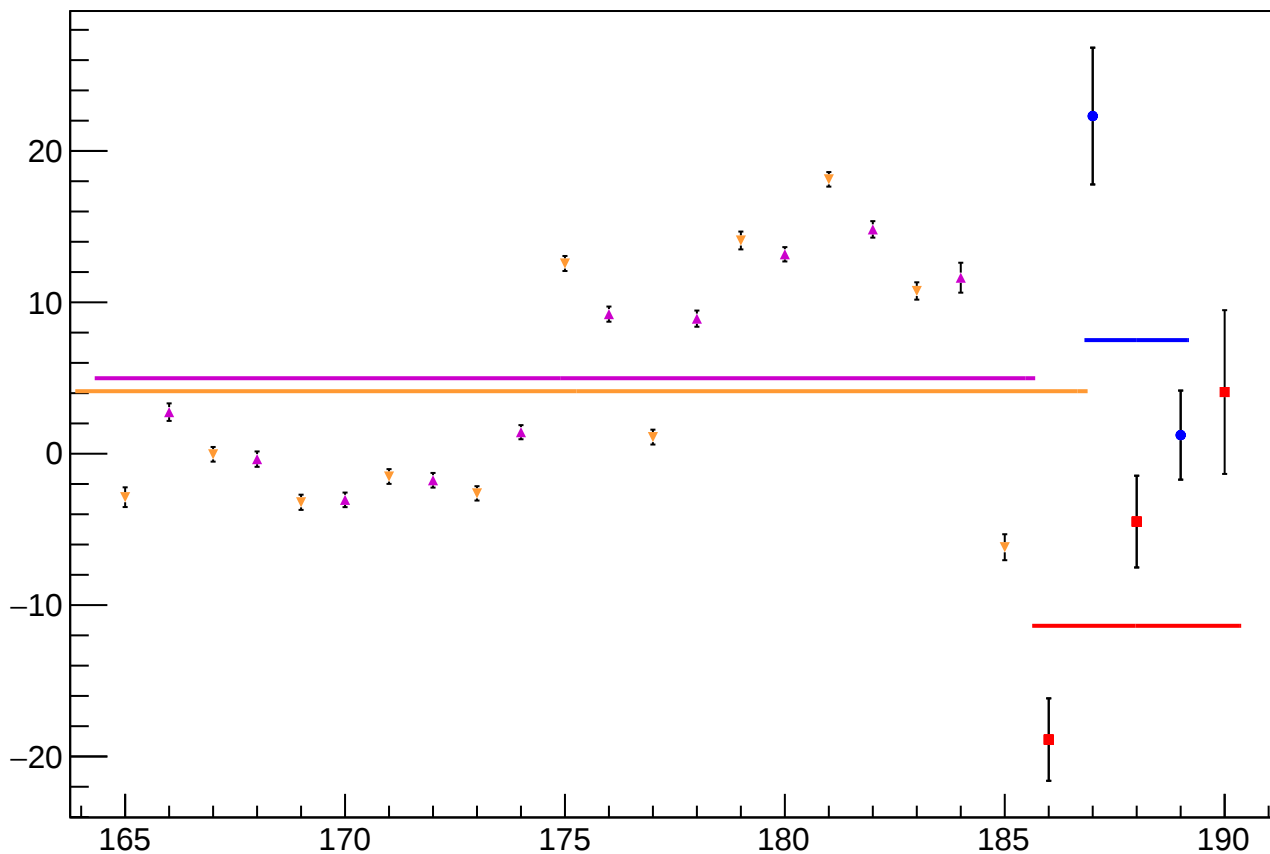
reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -25.843 ± 1.360 $\chi^2/\text{NDF}: 1.7/3$
 Left Out: -42.660 ± 0.182 $\chi^2/\text{NDF}: 6984.5/10$
 Right Out: -1.800 ± 0.968 $\chi^2/\text{NDF}: 258.3/4$
 Left In: -43.473 ± 0.187 $\chi^2/\text{NDF}: 4357.8/9$

+ sign -42.364 ± 0.181 $\chi^2/\text{NDF}: 7136.4/14$
 All: -42.175 ± 0.129 $\chi^2/\text{NDF}: 13540.3/29$
 - sign -41.981 ± 0.183 $\chi^2/\text{NDF}: 6401.7/14$

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: 7.504 ± 1.743 χ^2/NDF : 30.6/3

Left Out: 4.129 ± 0.160 χ^2/NDF : 2475.5/10

Right Out: -11.368 ± 1.384 χ^2/NDF : 33.7/4

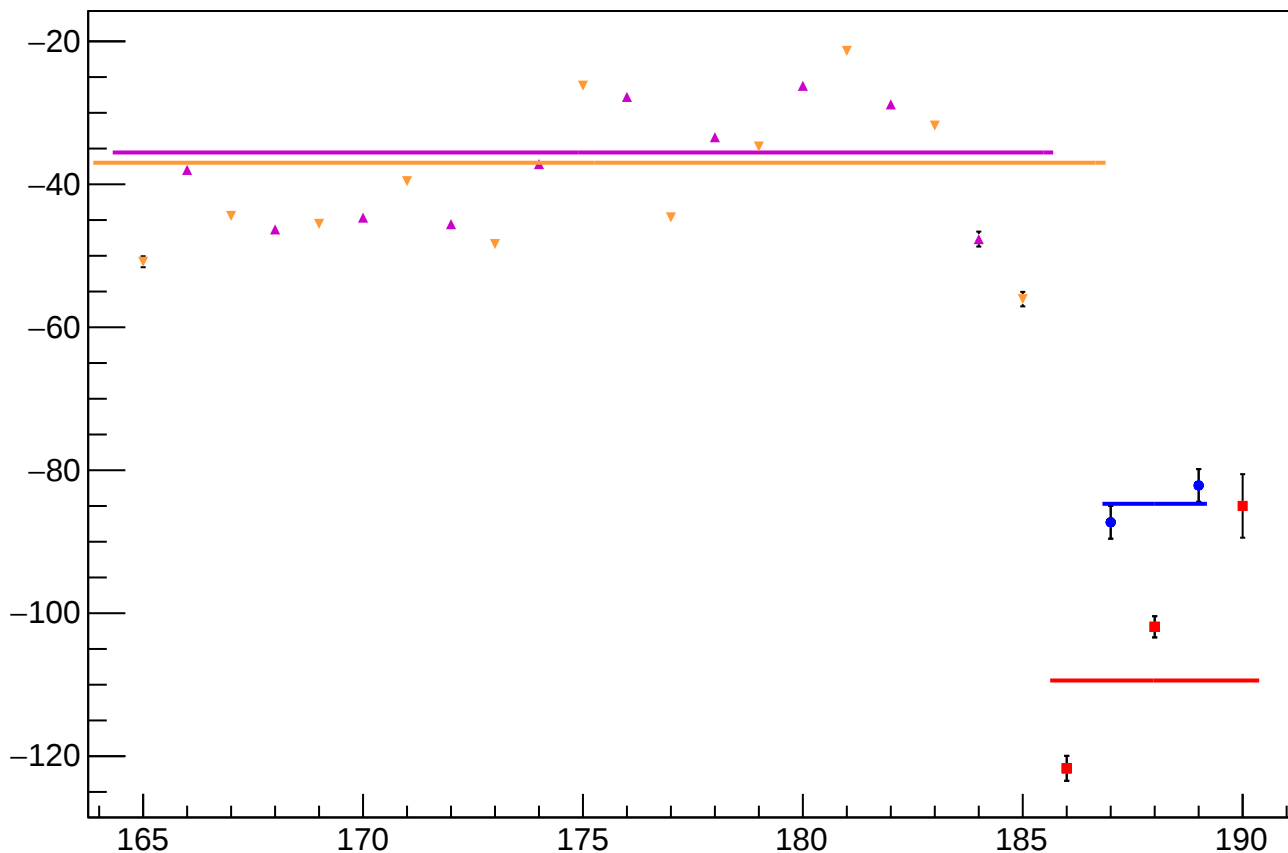
Left In: 4.987 ± 0.166 χ^2/NDF : 1451.1/9

+ sign 4.157 ± 0.159 χ^2/NDF : 2509.8/14

All: 4.447 ± 0.115 χ^2/NDF : 4139.0/29

- sign 4.755 ± 0.165 χ^2/NDF : 1622.4/14

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -84.694 ± 1.146 χ^2/NDF : 5.1/3

Left Out: -36.984 ± 0.185 χ^2/NDF : 3182.7/10

Right Out: -109.411 ± 0.786 χ^2/NDF : 180.7/4

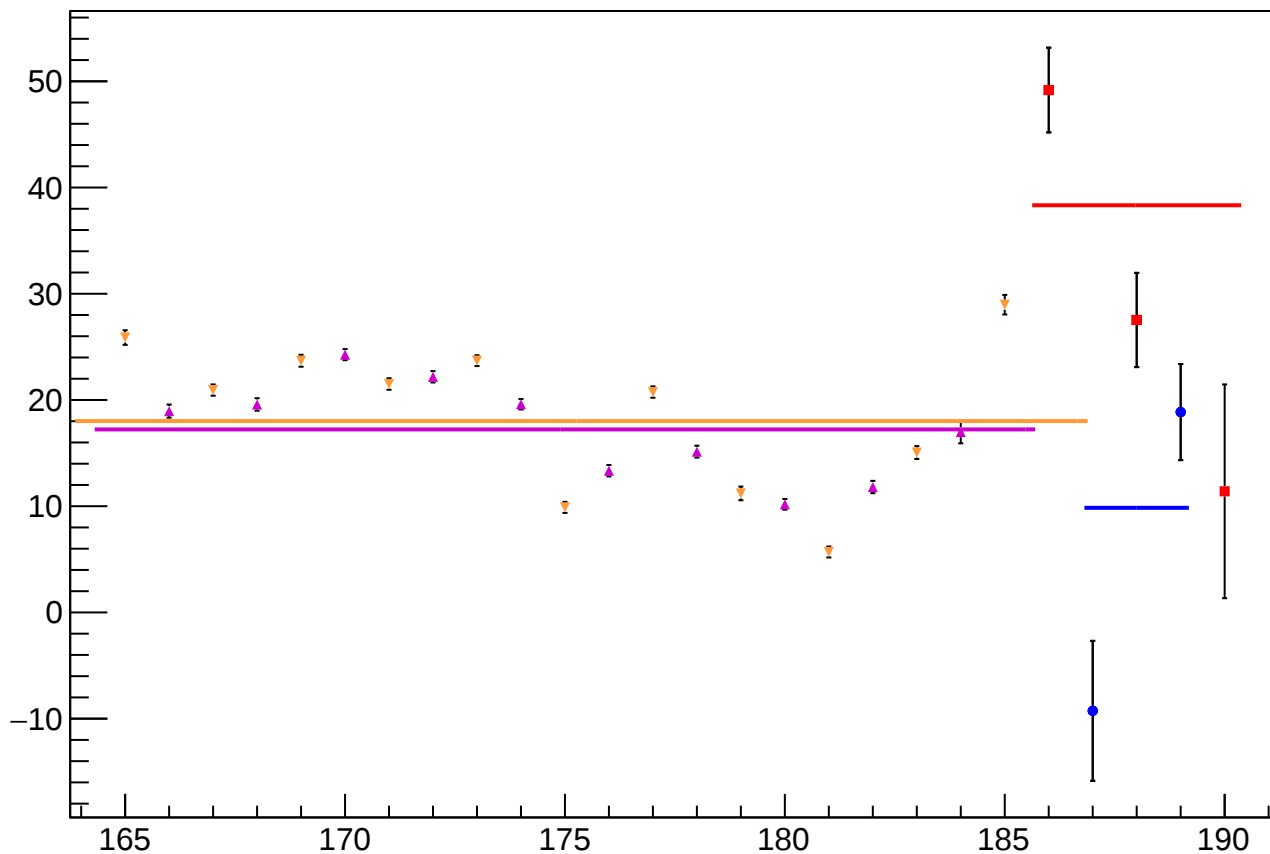
Left In: -35.548 ± 0.190 χ^2/NDF : 1649.4/9

+ sign -38.199 ± 0.183 χ^2/NDF : 4877.6/14

All: -38.905 ± 0.130 χ^2/NDF : 15077.6/29

- sign -39.625 ± 0.185 χ^2/NDF : 10170.0/14

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 9.849 ± 2.636 χ^2/NDF : 24.8/3

Left Out: 18.014 ± 0.173 χ^2/NDF : 1544.3/10

Right Out: 38.330 ± 2.053 χ^2/NDF : 33.8/4

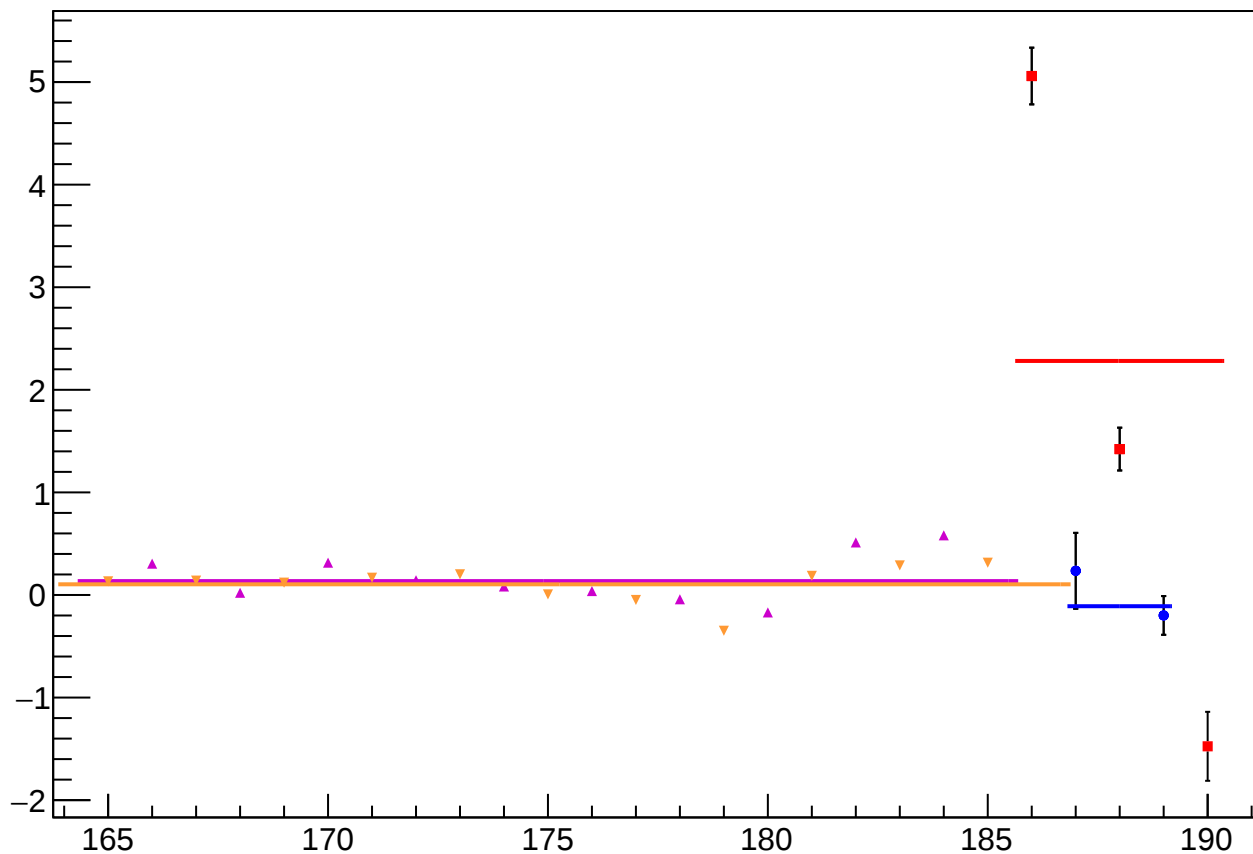
Left In: 17.229 ± 0.179 χ^2/NDF : 662.3/9

+ sign 17.979 ± 0.173 χ^2/NDF : 1578.6/14

All: 17.693 ± 0.124 χ^2/NDF : 2385.2/29

- sign 17.388 ± 0.179 χ^2/NDF : 800.9/14

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.110 ± 0.119 $\chi^2/\text{NDF}: 2.2/3$

Left Out: 0.104 ± 0.008 $\chi^2/\text{NDF}: 421.2/10$

Right Out: 2.281 ± 0.111 $\chi^2/\text{NDF}: 360.8/4$

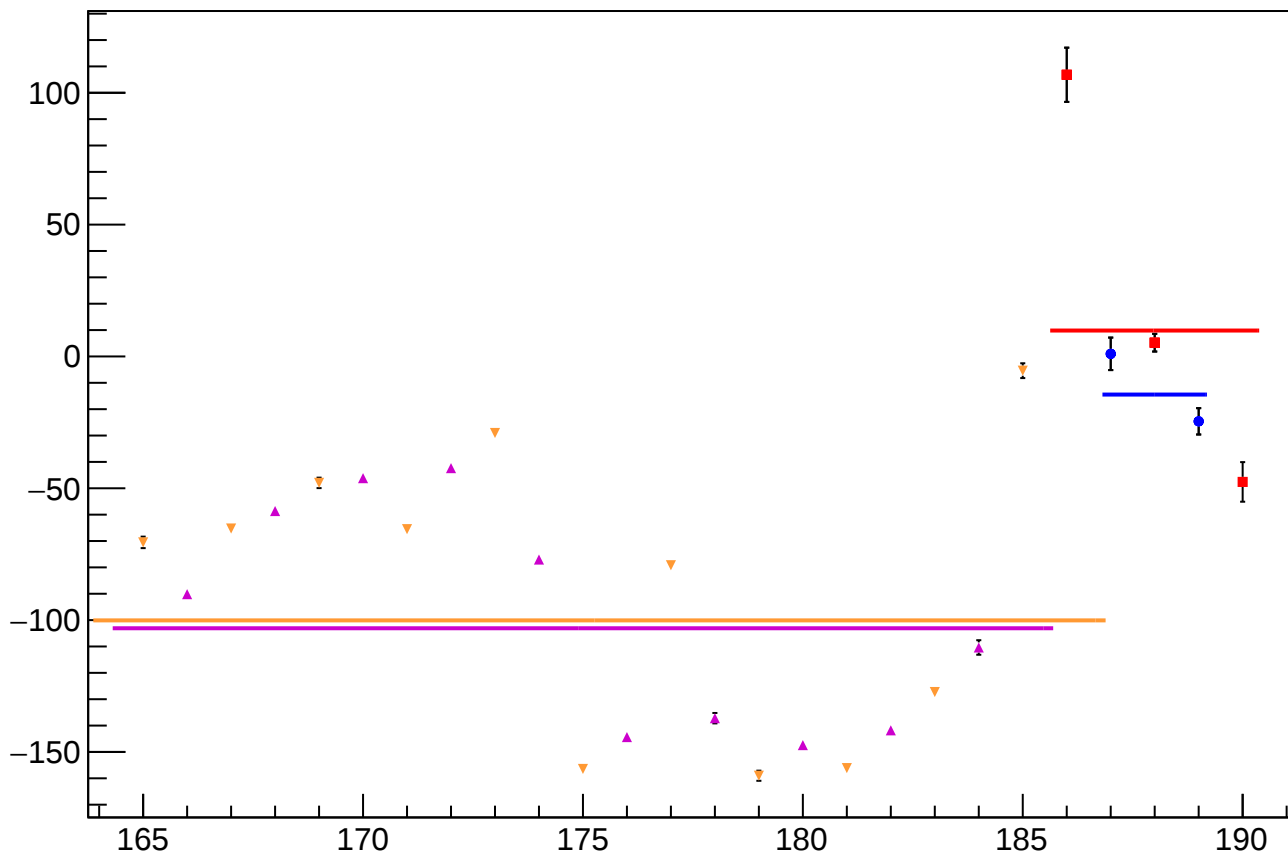
Left In: 0.135 ± 0.008 $\chi^2/\text{NDF}: 643.9/9$

+ sign 0.103 ± 0.008 $\chi^2/\text{NDF}: 426.6/14$

All: 0.124 ± 0.006 $\chi^2/\text{NDF}: 1817.5/29$

- sign 0.146 ± 0.008 $\chi^2/\text{NDF}: 1375.7/14$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -14.457 +/- 2.744 χ^2/NDF : 20.8/3

Left Out: -100.103 +/- 0.527 χ^2/NDF : 9217.1/10

Right Out: 9.826 +/- 2.162 χ^2/NDF : 240.2/4

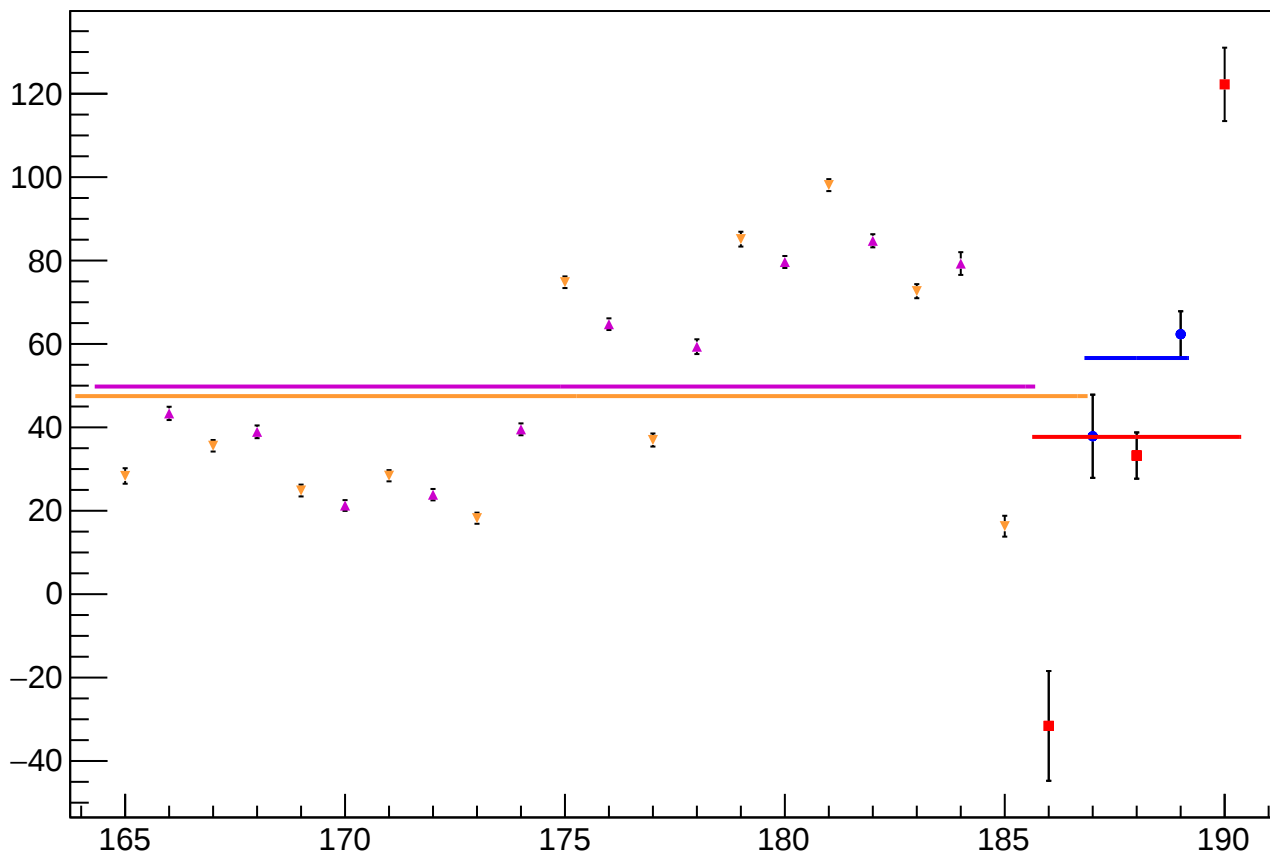
Left In: -103.091 +/- 0.543 χ^2/NDF : 5785.8/9

+ sign -97.053 +/- 0.518 χ^2/NDF : 10177.2/14

All: -96.732 +/- 0.369 χ^2/NDF : 18771.1/29

- sign -96.400 +/- 0.526 χ^2/NDF : 8593.1/14

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 56.628 $\pm$ 3.407 χ^2 /NDF: 9.2/3

Left Out: 47.493 $\pm$ 0.464 χ^2 /NDF: 3608.0/10

Right Out: 37.714 $\pm$ 3.343 χ^2 /NDF: 149.0/4

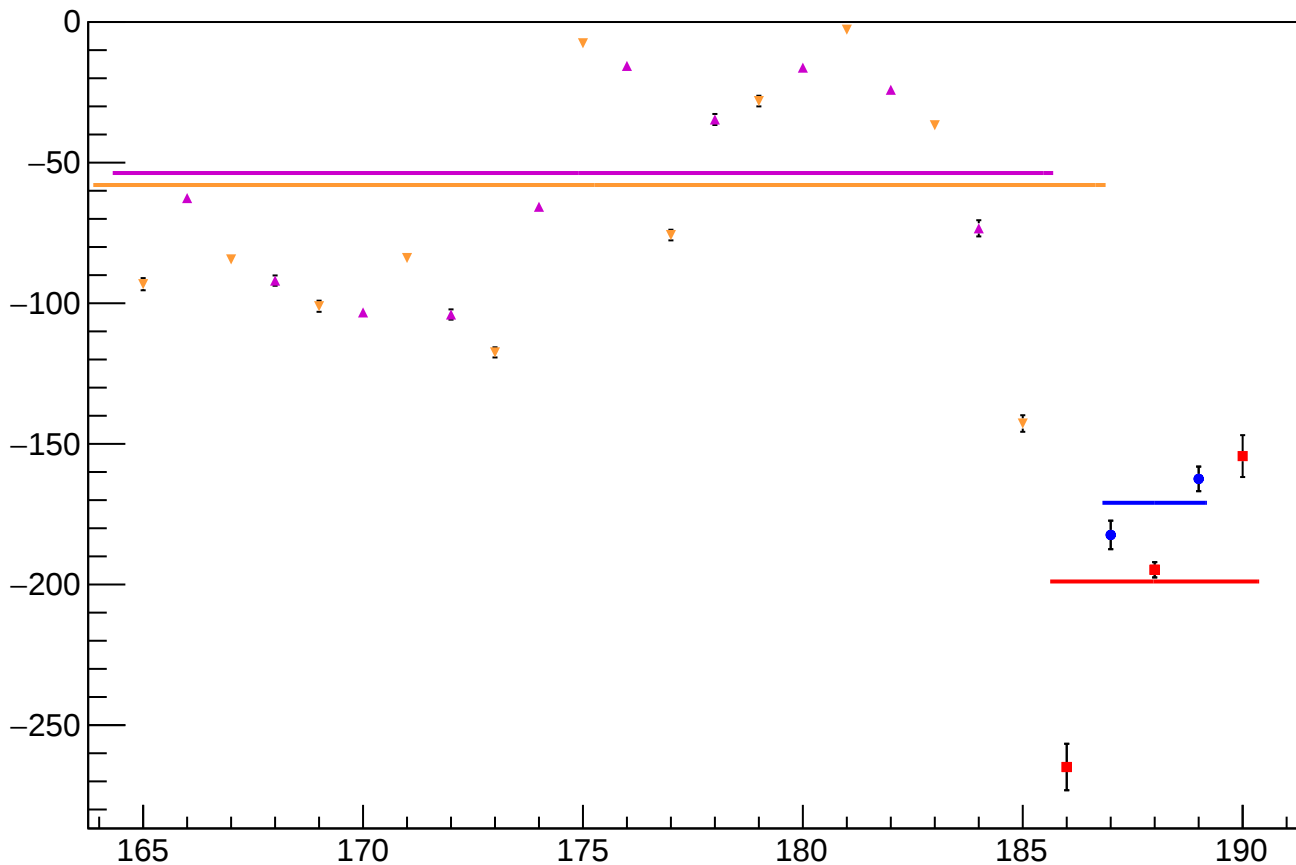
Left In: 49.789 $\pm$ 0.483 χ^2 /NDF: 2143.4/9

+ sign 47.659 $\pm$ 0.460 χ^2 /NDF: 3624.3/14

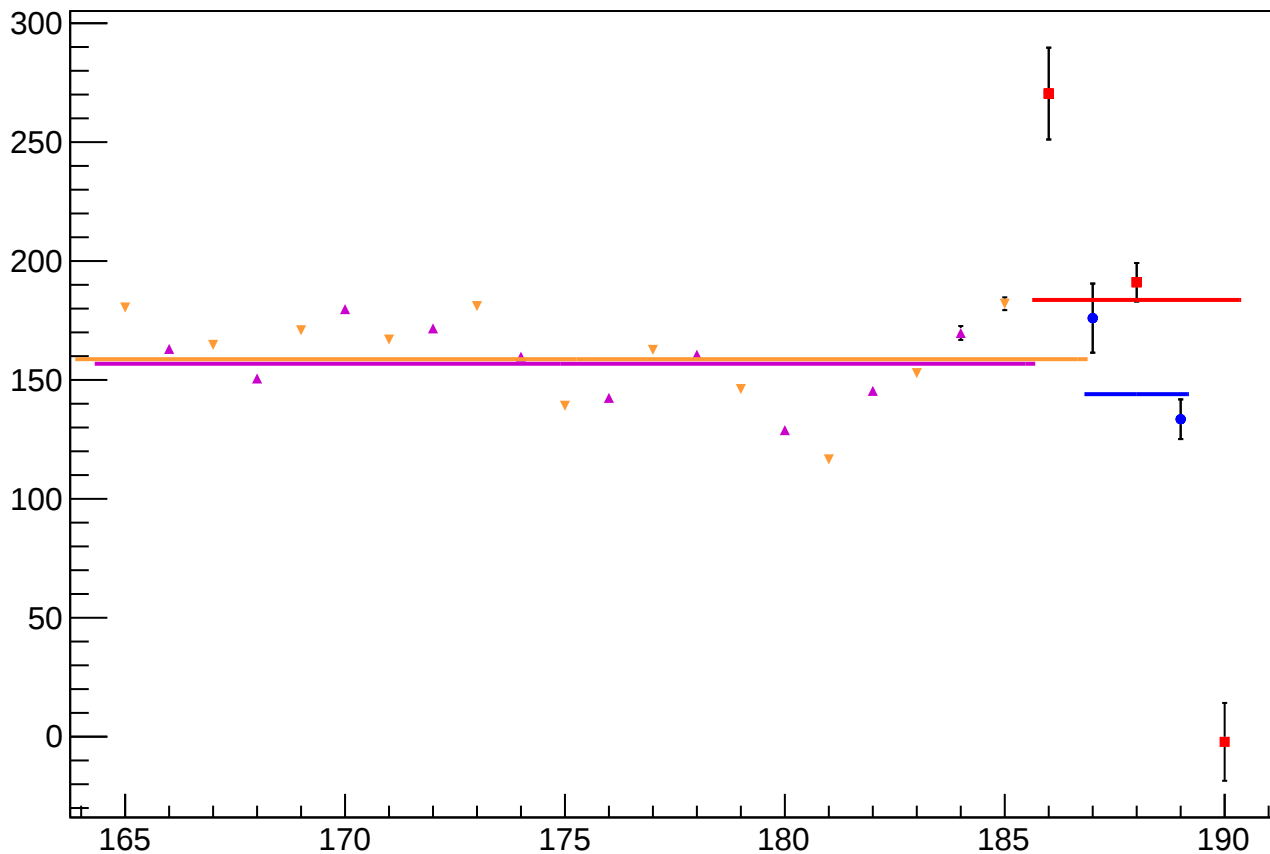
All: 48.565 $\pm$ 0.331 χ^2 /NDF: 5937.6/29

- sign 49.543 $\pm$ 0.478 χ^2 /NDF: 2305.2/14

reg_asym_sam4_diff_bpm4eX_slope vs Slug



reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 144.026 ± 5.117 χ^2/NDF : 12.9/3

Left Out: 158.735 ± 0.502 χ^2/NDF : 1531.2/10

Right Out: 183.644 ± 5.020 χ^2/NDF : 171.0/4

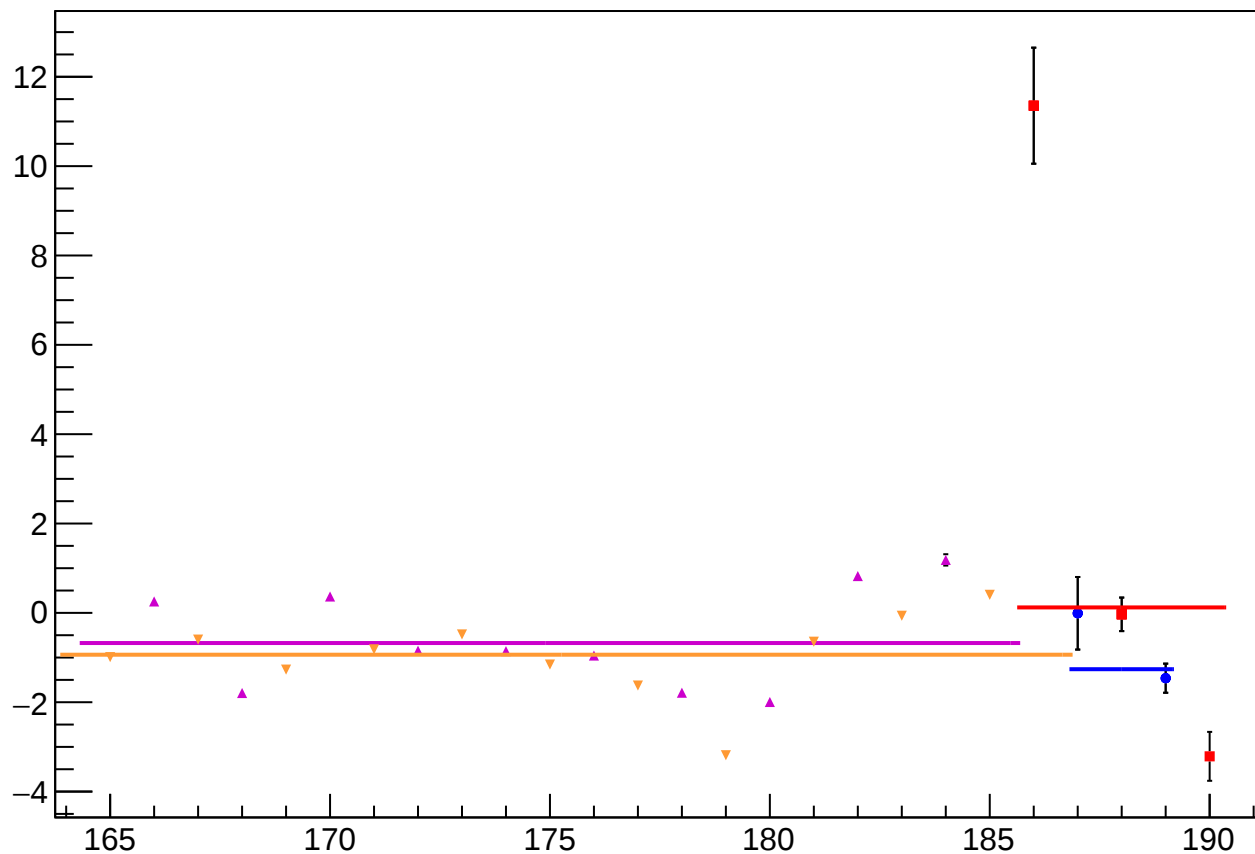
Left In: 156.812 ± 0.522 χ^2/NDF : 886.8/9

+ sign 158.595 ± 0.500 χ^2/NDF : 1552.2/14

All: 157.875 ± 0.360 χ^2/NDF : 2642.6/29

- sign 157.099 ± 0.519 χ^2/NDF : 1086.0/14

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.261 $\pm$ 0.214 χ^2 /NDF: 5.5/3

Left Out: -0.936 $\pm$ 0.022 χ^2 /NDF: 1147.6/10

Right Out: 0.122 $\pm$ 0.231 χ^2 /NDF: 187.0/4

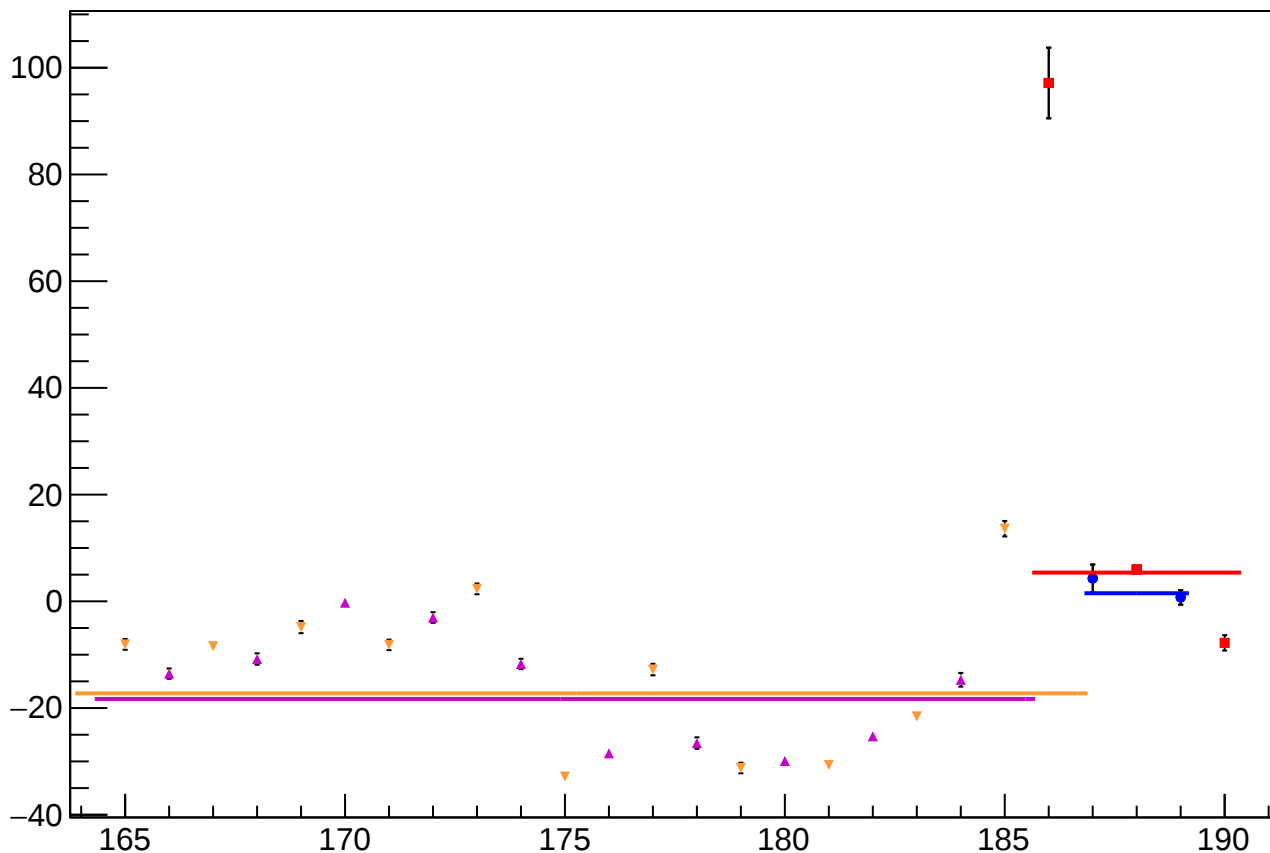
Left In: -0.675 $\pm$ 0.023 χ^2 /NDF: 1791.6/9

+ sign -0.940 $\pm$ 0.022 χ^2 /NDF: 1155.4/14

All: -0.808 $\pm$ 0.016 χ^2 /NDF: 3219.1/29

- sign -0.667 $\pm$ 0.023 χ^2 /NDF: 1990.4/14

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 1.515 ± 0.860 $\chi^2/\text{NDF}: 2.9/3$

Left Out: -17.247 ± 0.282 $\chi^2/\text{NDF}: 2245.2/10$

Right Out: 5.388 ± 0.481 $\chi^2/\text{NDF}: 468.8/4$

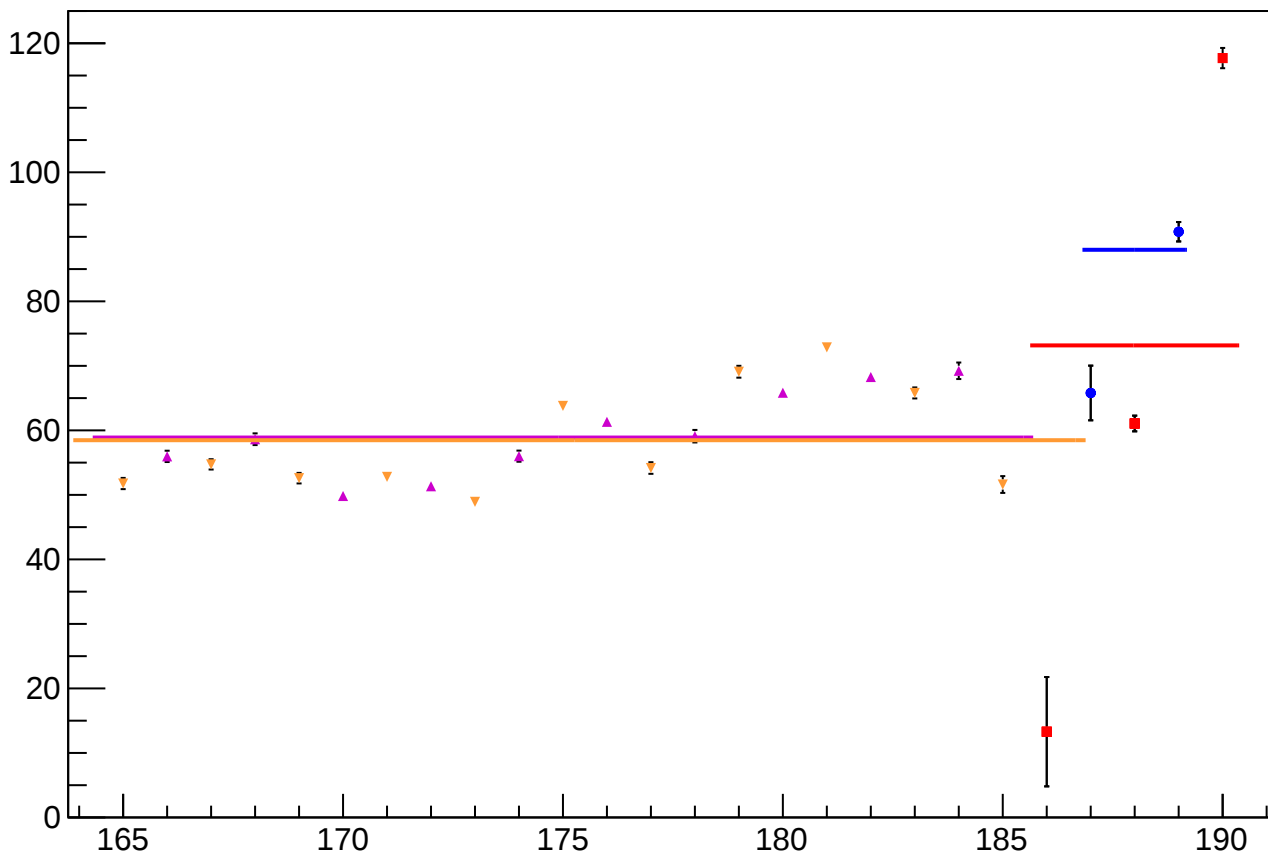
Left In: -18.290 ± 0.290 $\chi^2/\text{NDF}: 1288.4/9$

+ sign -15.422 ± 0.268 $\chi^2/\text{NDF}: 2678.0/14$

All: -13.564 ± 0.182 $\chi^2/\text{NDF}: 6299.8/29$

- sign -11.967 ± 0.249 $\chi^2/\text{NDF}: 3532.5/14$

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 87.990 $\pm$ 1.002 χ^2 /NDF: 61.8/3

Left Out: 58.474 $\pm$ 0.252 χ^2 /NDF:1036.4/10

Right Out: 73.170 $\pm$ 0.748 χ^2 /NDF: 1101.4/4

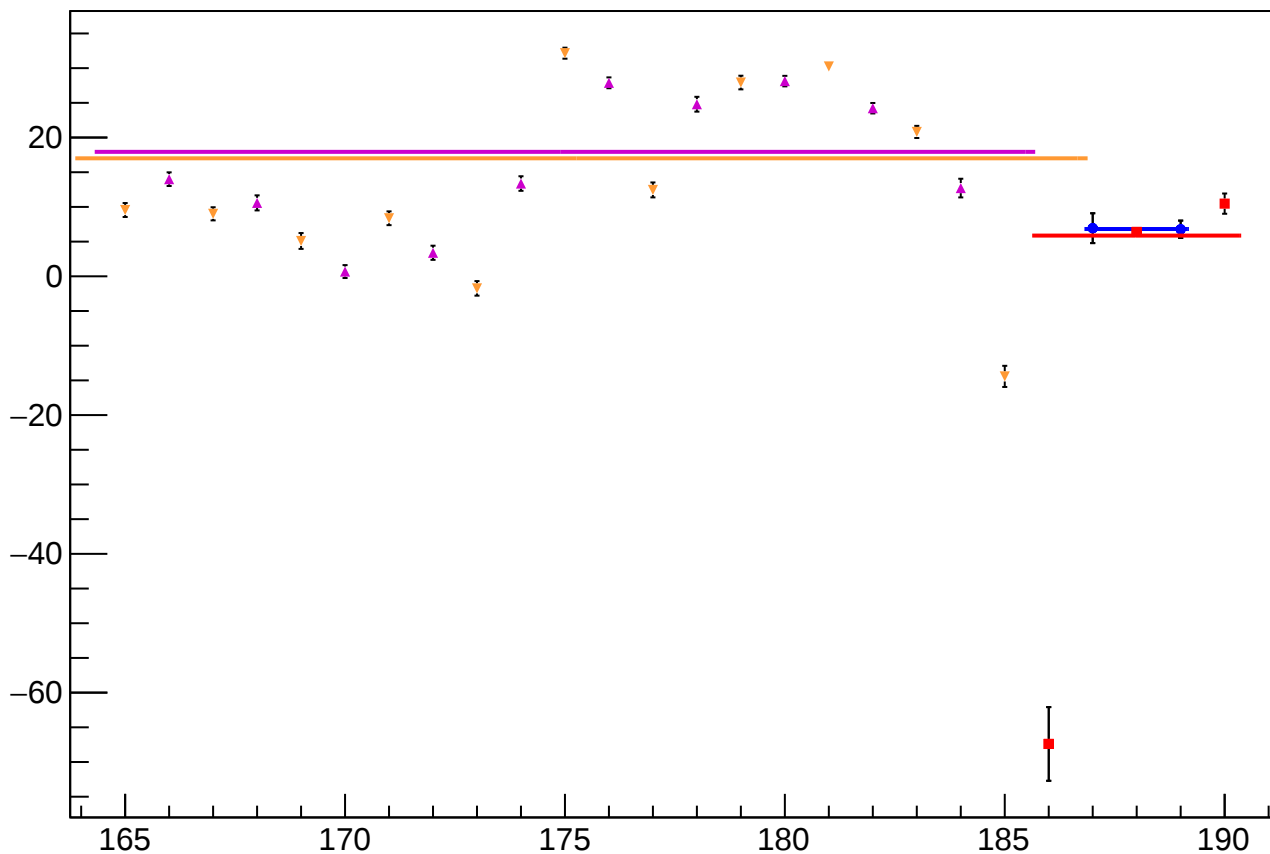
Left In: 58.888 $\pm$ 0.262 χ^2 /NDF:602.0/9

+ sign 60.228 $\pm$ 0.244 χ^2 /NDF: 1913.9/14

All: 60.334 $\pm$ 0.174 χ^2 /NDF: 3942.2/29

- sign 60.442 $\pm$ 0.247 χ^2 /NDF: 2028.0/14

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 6.816 $\pm$ 0.765 χ^2/NDF : 0.0/3

Left Out: 17.005 $\pm$ 0.287 χ^2/NDF : 1953.7/10

Right Out: 5.869 $\pm$ 0.397 χ^2/NDF : 392.2/4

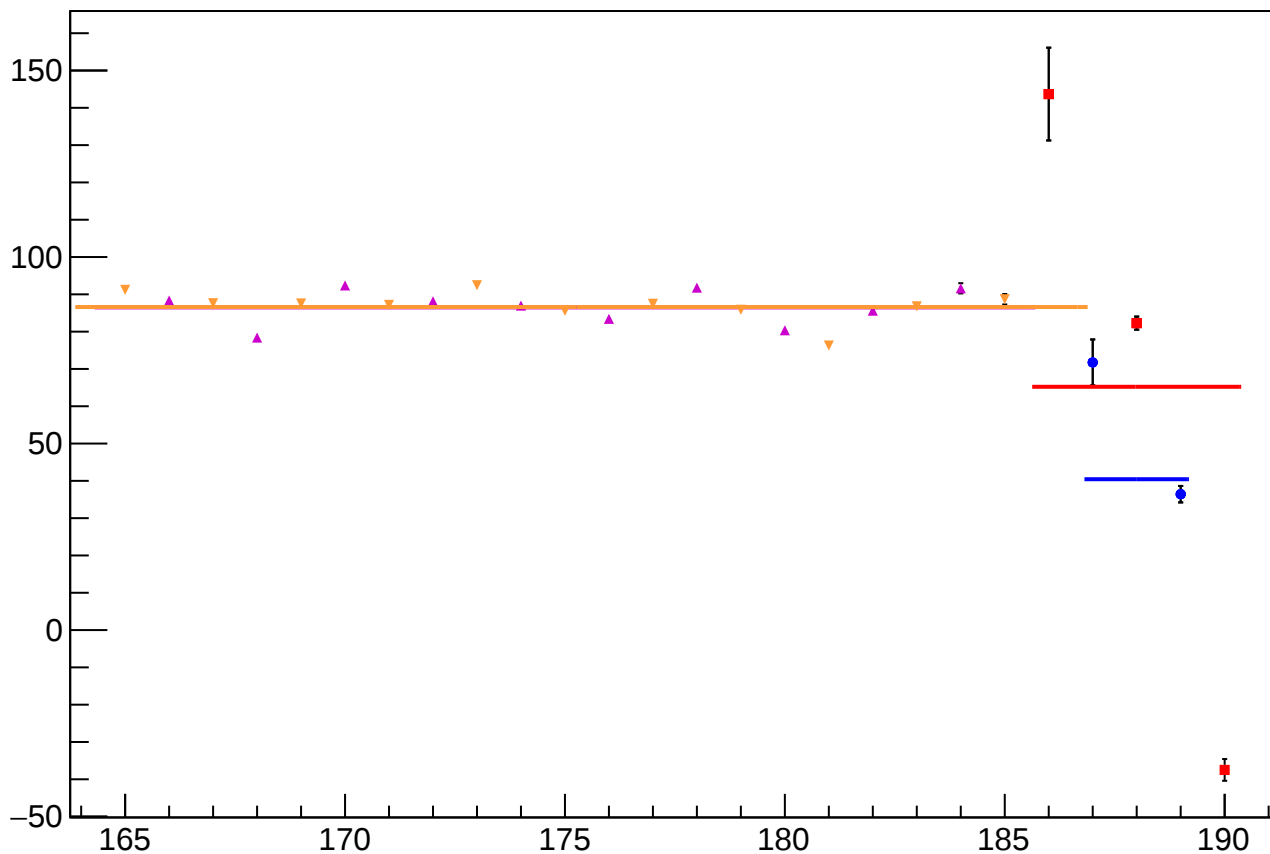
Left In: 17.937 $\pm$ 0.295 χ^2/NDF : 1096.7/9

+ sign 15.748 $\pm$ 0.269 χ^2/NDF : 2109.2/14

All: 14.562 $\pm$ 0.178 χ^2/NDF : 4228.0/29

- sign 13.639 $\pm$ 0.237 χ^2/NDF : 2084.1/14

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 40.438 $\pm$ 1.470 χ^2 /NDF: 58.1/3

Left Out: 86.597 $\pm$ 0.272 χ^2 /NDF: 258.0/10

Right Out: 65.217 $\pm$ 1.134 χ^2 /NDF: 1505.6/4

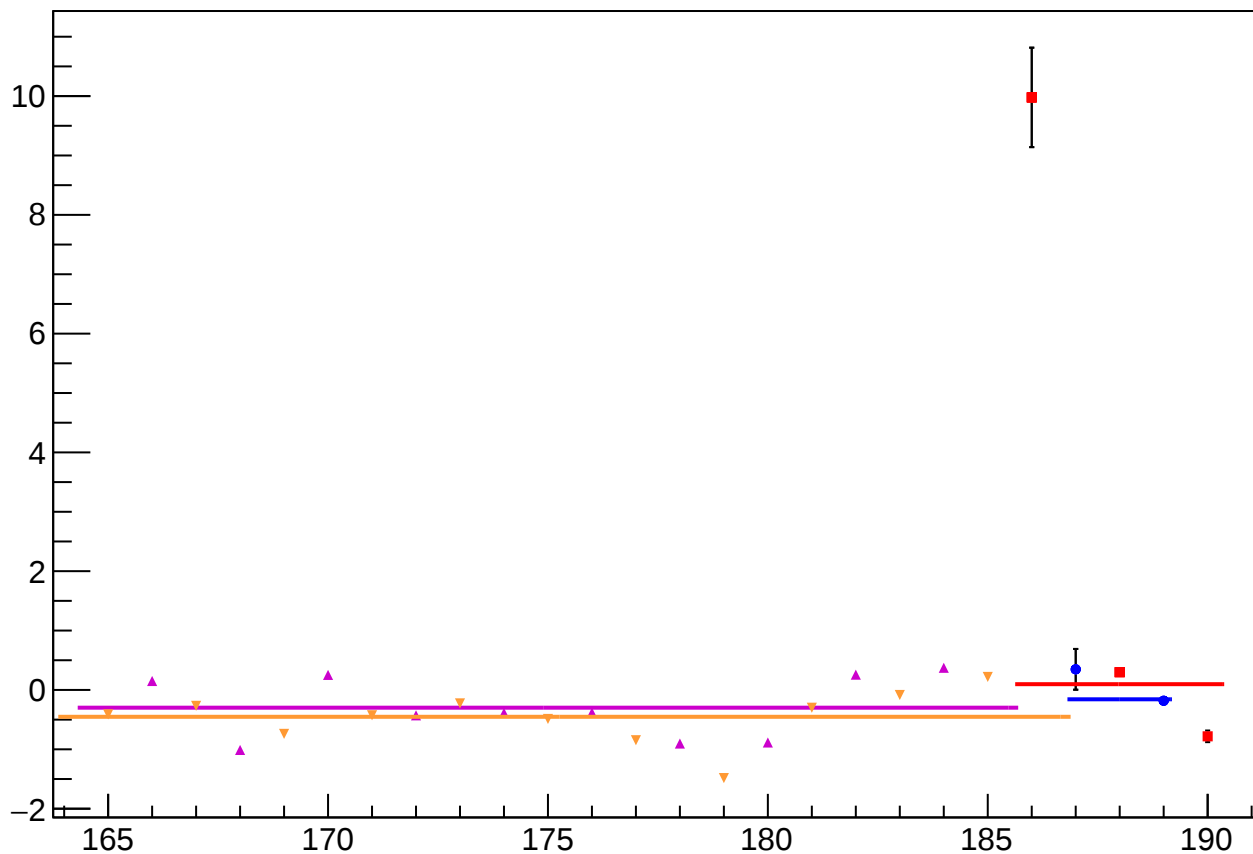
Left In: 86.496 $\pm$ 0.282 χ^2 /NDF: 244.1/9

+ sign 85.068 $\pm$ 0.268 χ^2 /NDF: 1269.4/14

All: 85.161 $\pm$ 0.191 χ^2 /NDF: 3350.7/29

- sign 85.258 $\pm$ 0.274 χ^2 /NDF: 2081.0/14

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.158 ± 0.052 χ^2/NDF : 4.5/3

Left Out: -0.452 ± 0.012 χ^2/NDF : 963.6/10

Right Out: 0.097 ± 0.049 χ^2/NDF : 371.3/4

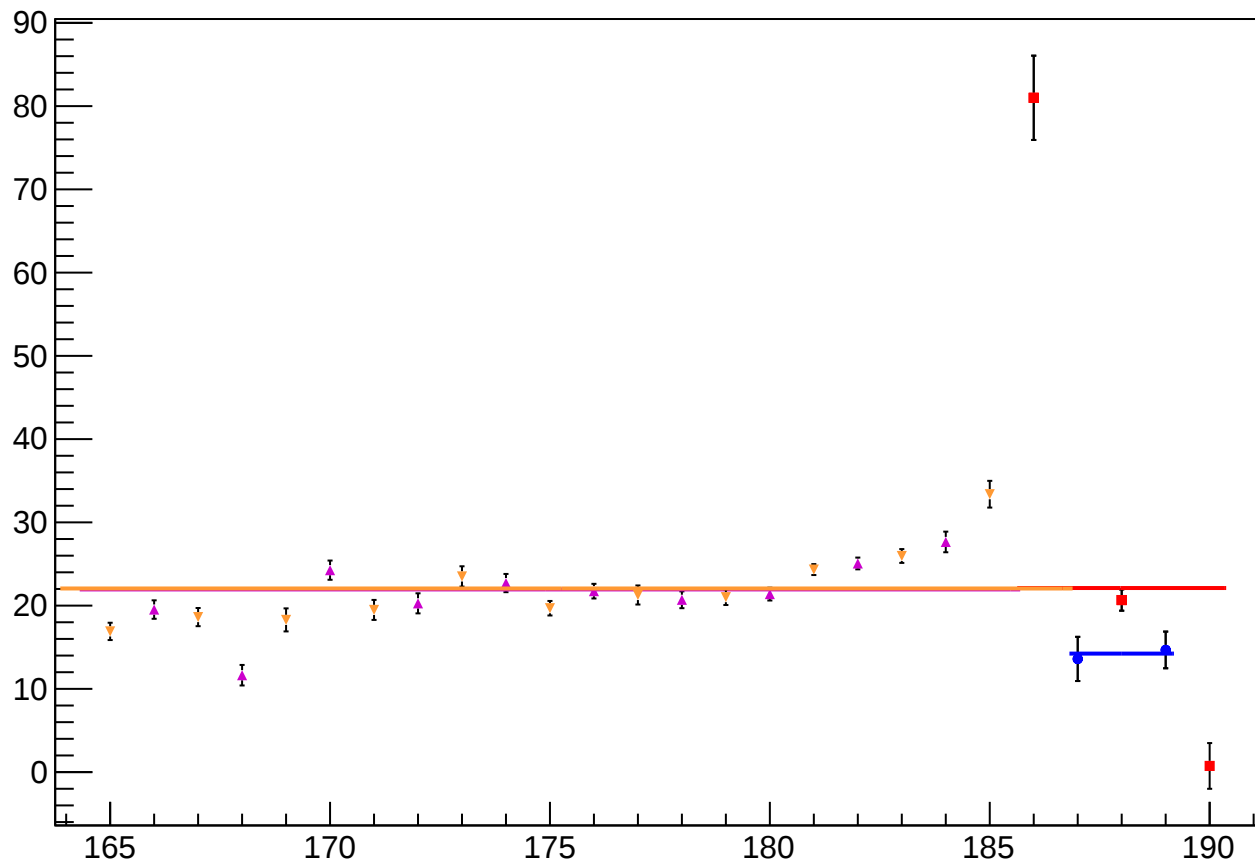
Left In: -0.299 ± 0.012 χ^2/NDF : 1452.1/9

+ sign -0.437 ± 0.012 χ^2/NDF : 999.1/14

All: -0.358 ± 0.008 χ^2/NDF : 2976.8/29

- sign -0.275 ± 0.012 χ^2/NDF : 1885.0/14

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 14.236 $\pm$ 1.199 χ^2 /NDF: 0.2/3

Left Out: 22.058 $\pm$ 0.301 χ^2 /NDF:140.8/10

Right Out: 22.113 $\pm$ 0.836 χ^2 /NDF: 333.7/4

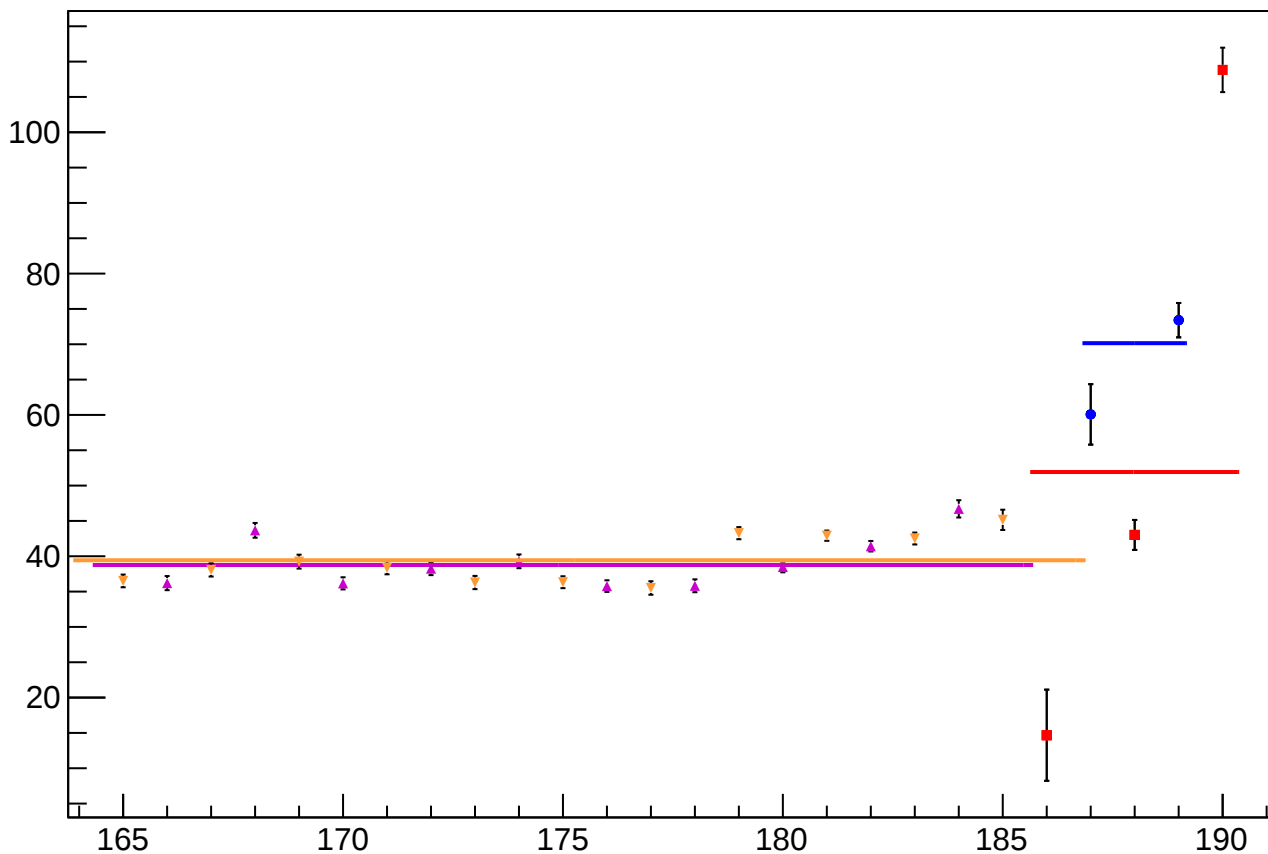
Left In: 21.944 $\pm$ 0.311 χ^2 /NDF:123.7/9

+ sign 21.593 $\pm$ 0.292 χ^2 /NDF: 181.0/14

All: 21.779 $\pm$ 0.206 χ^2 /NDF: 639.3/29

- sign 21.965 $\pm$ 0.291 χ^2 /NDF: 457.4/14

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 70.154 $\pm$ 1.495 χ^2/NDF : 14.7/3

Left Out: 39.432 $\pm$ 0.274 χ^2/NDF : 127.7/10

Right Out: 51.921 $\pm$ 1.298 χ^2/NDF : 429.2/4

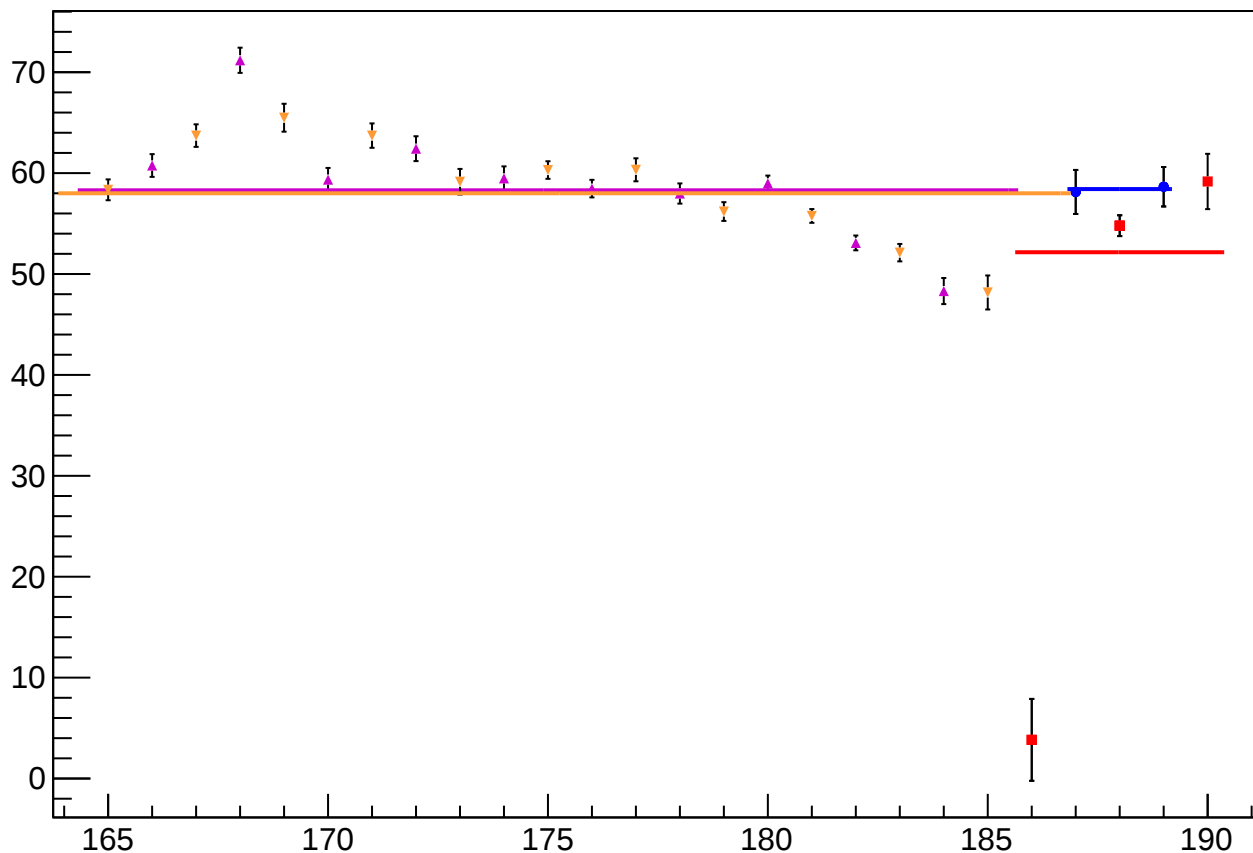
Left In: 38.764 $\pm$ 0.284 χ^2/NDF : 116.8/9

+ sign 40.429 $\pm$ 0.269 χ^2/NDF : 551.0/14

All: 39.912 $\pm$ 0.193 χ^2/NDF : 1202.7/29

- sign 39.365 $\pm$ 0.277 χ^2/NDF : 644.1/14

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 58.419 $\pm$ 1.030 χ^2 /NDF: 0.1/3

Left Out: 58.000 $\pm$ 0.306 χ^2 /NDF:185.0/10

Right Out: 52.158 $\pm$ 0.685 χ^2 /NDF: 303.3/4

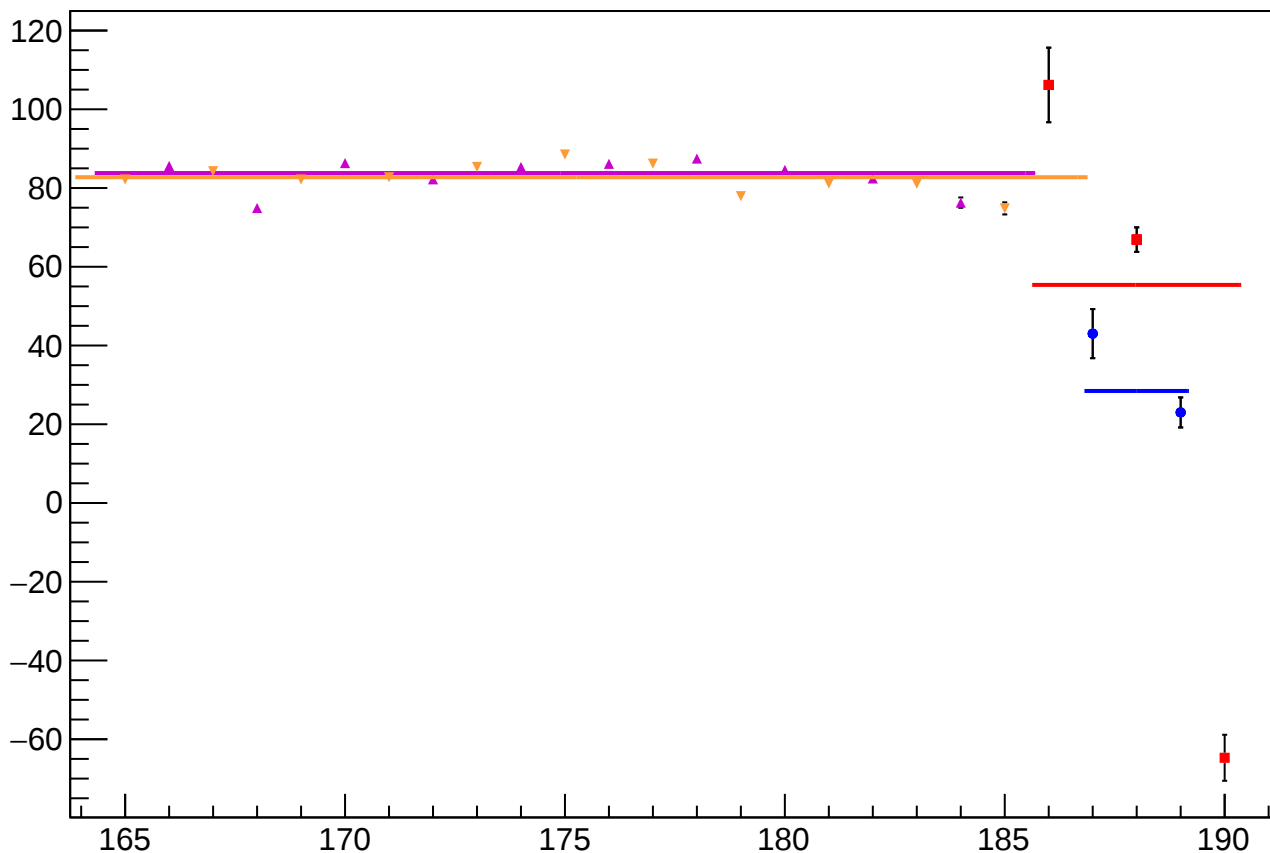
Left In: 58.295 $\pm$ 0.316 χ^2 /NDF:235.2/9

+ sign 58.034 $\pm$ 0.294 χ^2 /NDF: 185.2/14

All: 57.617 $\pm$ 0.205 χ^2 /NDF: 793.9/29

- sign 57.219 $\pm$ 0.287 χ^2 /NDF: 604.7/14

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 28.456 $\pm$ 2.301 χ^2 /NDF: 15.0/3

Left Out: 82.746 $\pm$ 0.295 χ^2 /NDF: 123.4/10

Right Out: 55.396 $\pm$ 1.968 χ^2 /NDF: 506.6/4

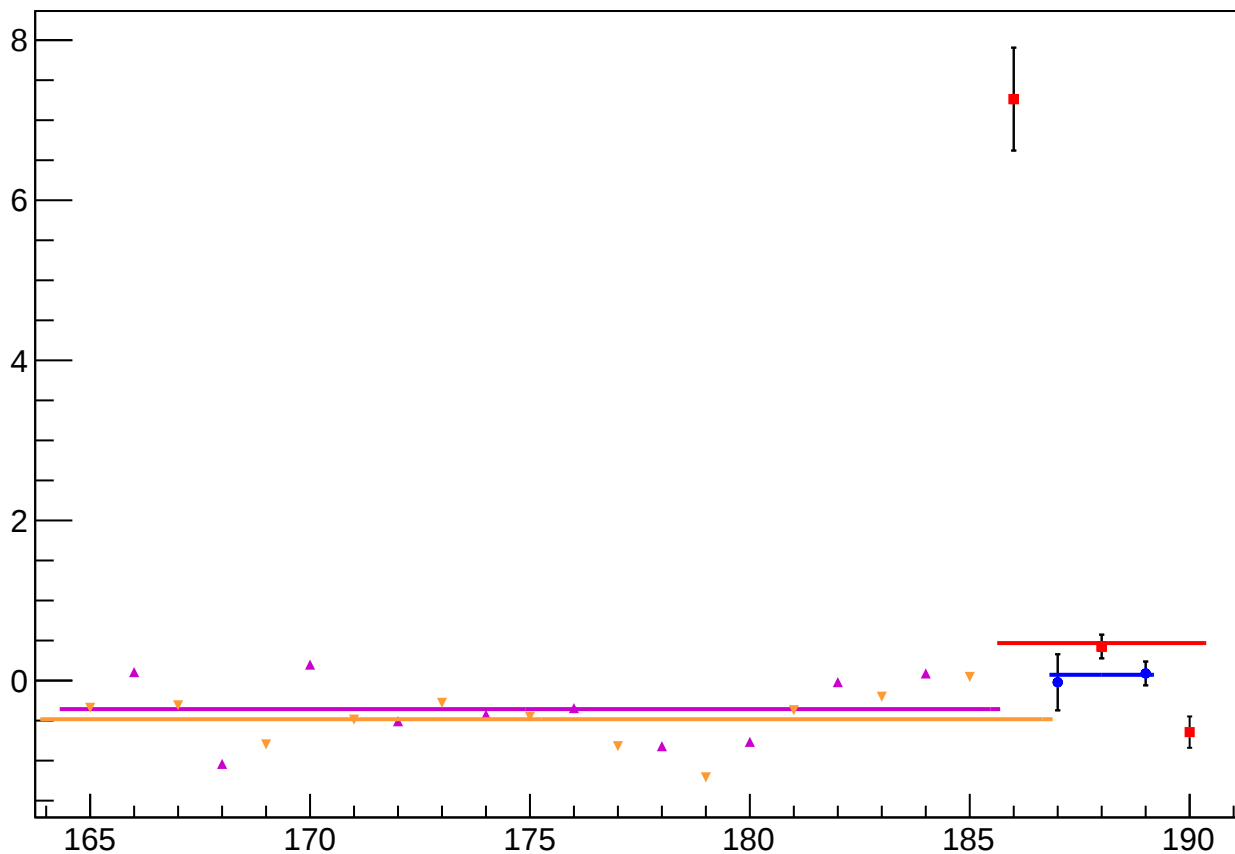
Left In: 83.810 $\pm$ 0.305 χ^2 /NDF: 126.7/9

+ sign 81.867 $\pm$ 0.293 χ^2 /NDF: 686.3/14

All: 82.484 $\pm$ 0.210 χ^2 /NDF: 1532.4/29

- sign 83.141 $\pm$ 0.302 χ^2 /NDF: 836.9/14

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.072 $\pm$ 0.097 χ^2 /NDF: 0.2/3

Left Out: -0.483 $\pm$ 0.013 χ^2 /NDF: 567.5/10

Right Out: 0.468 $\pm$ 0.090 χ^2 /NDF: 256.1/4

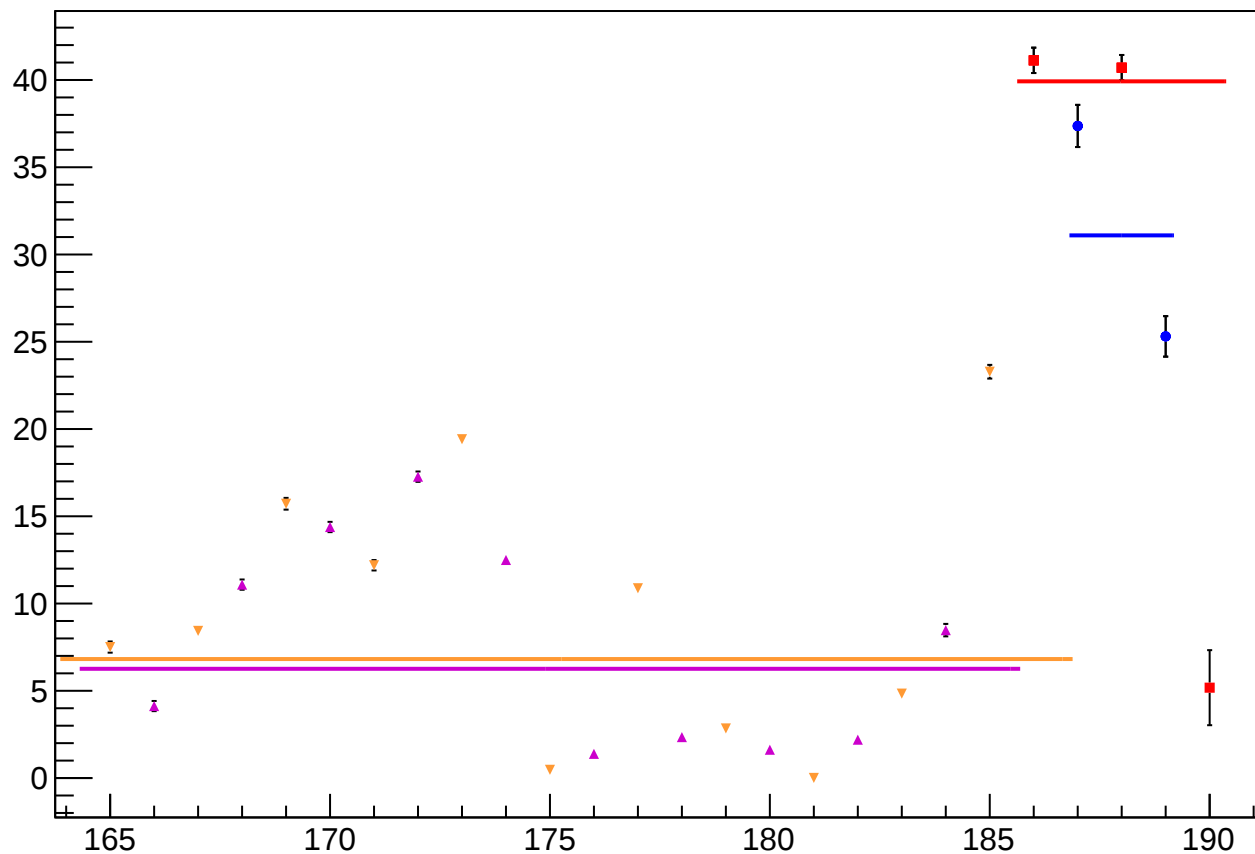
Left In: -0.357 $\pm$ 0.014 χ^2 /NDF: 847.0/9

+ sign -0.473 $\pm$ 0.013 χ^2 /NDF: 600.0/14

All: -0.407 $\pm$ 0.009 χ^2 /NDF: 1836.0/29

- sign -0.338 $\pm$ 0.013 χ^2 /NDF: 1184.5/14

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 31.096 $\pm$ 0.592 χ^2/NDF : 103.6/3

Left Out: 6.819 $\pm$ 0.076 χ^2/NDF : 7823.6/10

Right Out: 39.922 $\pm$ 0.359 χ^2/NDF : 268.8/4

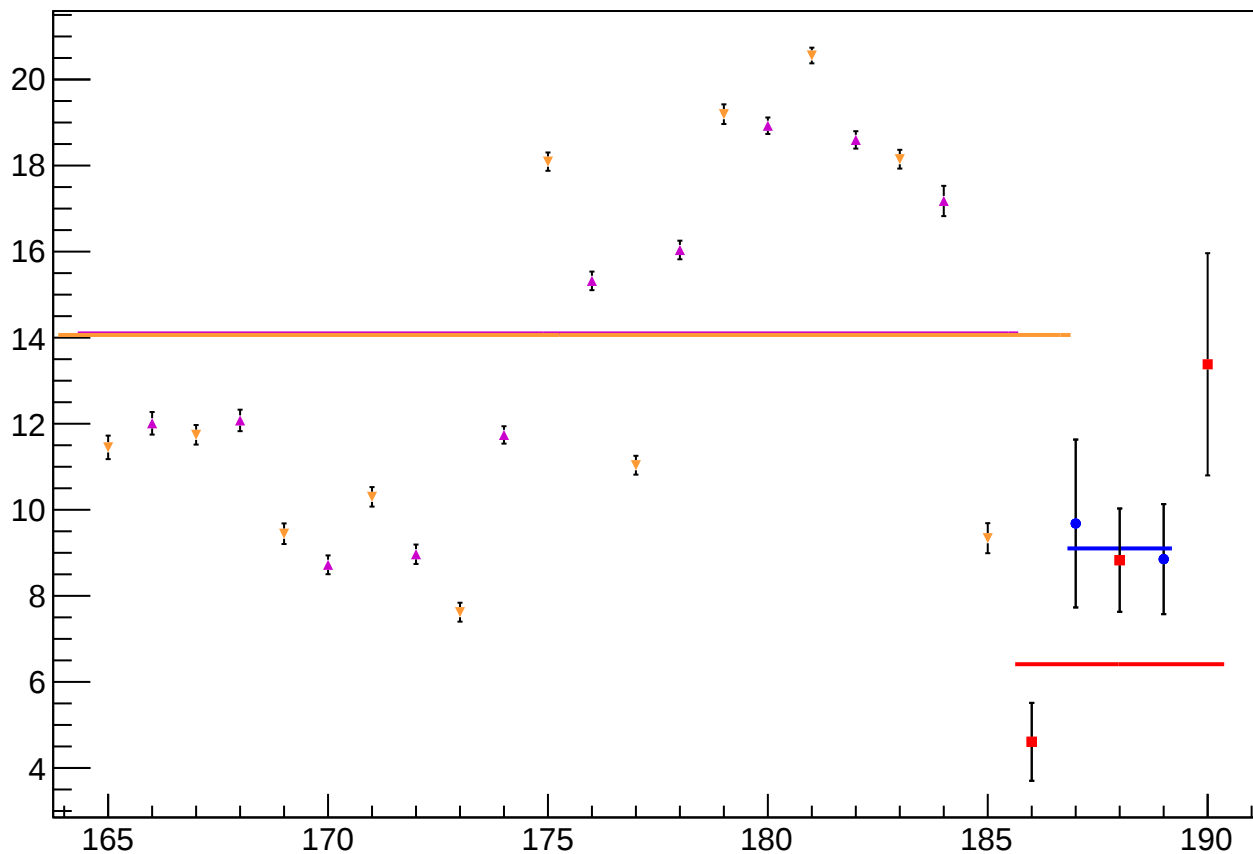
Left In: 6.260 $\pm$ 0.079 χ^2/NDF : 4945.5/9

+ sign 7.218 $\pm$ 0.076 χ^2/NDF : 9582.2/14

All: 7.508 $\pm$ 0.054 χ^2/NDF : 23235.3/29

- sign 7.806 $\pm$ 0.077 χ^2/NDF : 13623.5/14

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 9.102 +/- 0.756 χ^2/NDF : 0.3/3

Left Out: 14.063 +/- 0.069 χ^2/NDF : 4559.8/10

Right Out: 6.411 +/- 0.501 χ^2/NDF : 23.3/4

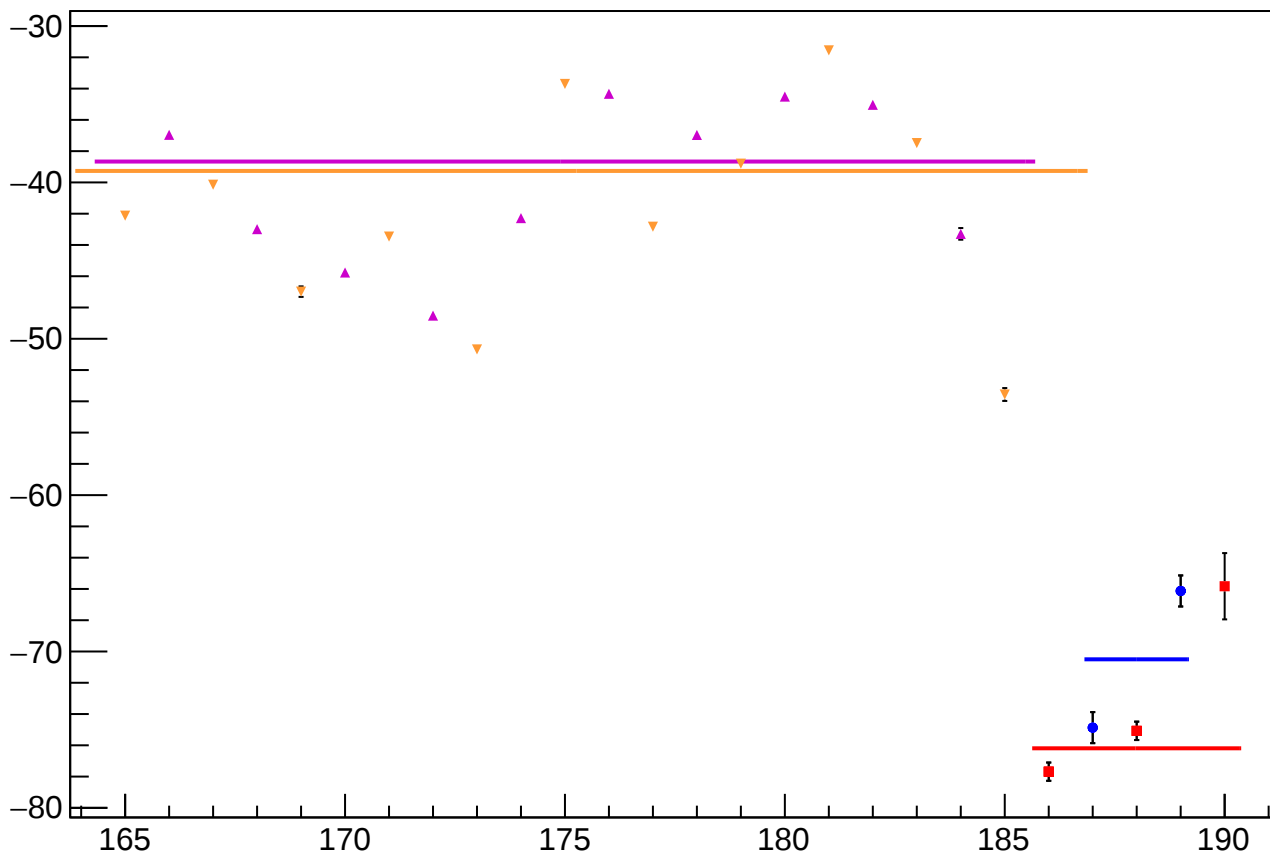
Left In: 14.099 +/- 0.071 χ^2/NDF : 2707.5/9

+ sign 14.022 +/- 0.068 χ^2/NDF : 4602.7/14

All: 13.986 +/- 0.049 χ^2/NDF : 7564.6/29

- sign 13.948 +/- 0.070 χ^2/NDF : 2961.3/14

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -70.501 ± 0.497 $\chi^2/\text{NDF}: 77.5/3$

Left Out: -39.265 ± 0.078 $\chi^2/\text{NDF}: 6354.1/10$

Right Out: -76.192 ± 0.290 $\chi^2/\text{NDF}: 44.2/4$

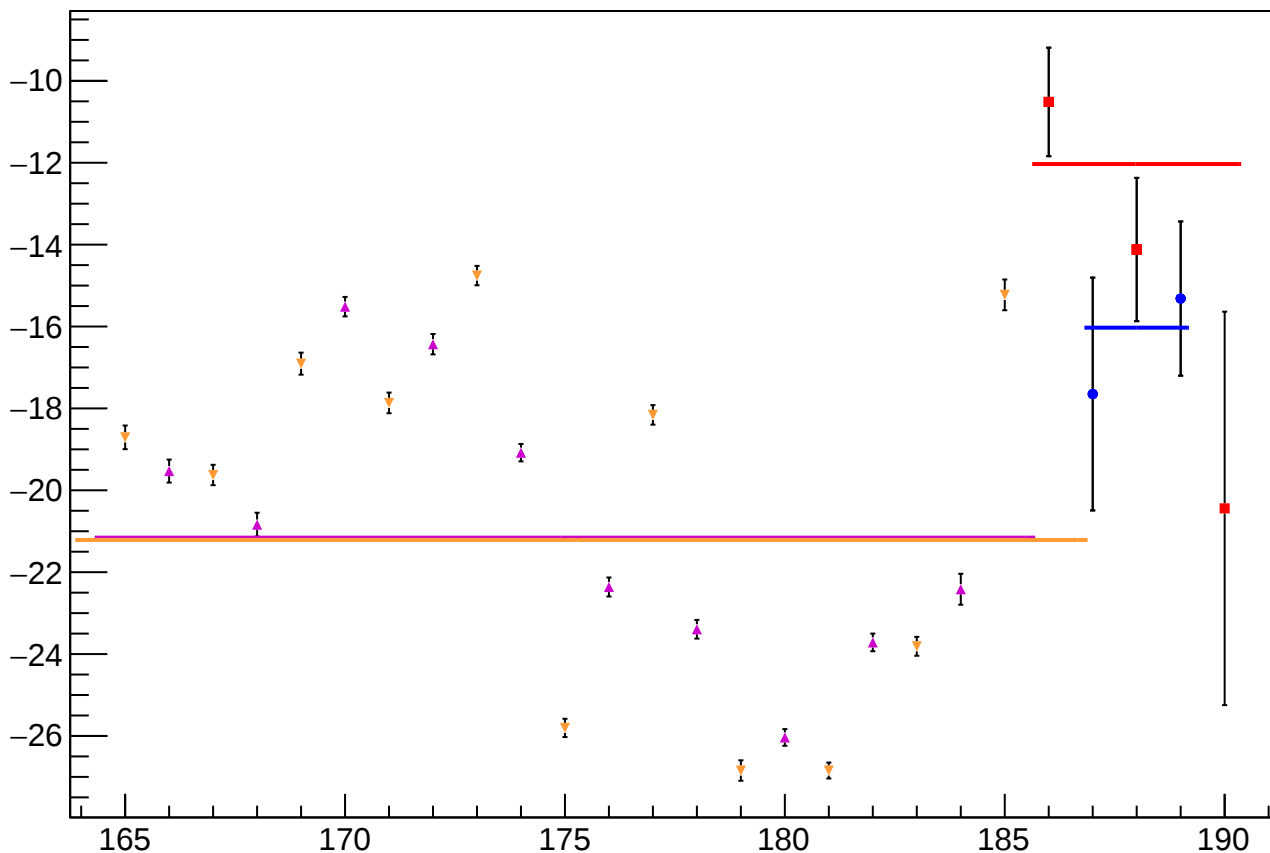
Left In: -38.665 ± 0.080 $\chi^2/\text{NDF}: 3425.4/9$

+ sign -40.015 ± 0.077 $\chi^2/\text{NDF}: 10293.2/14$

All: -40.665 ± 0.054 $\chi^2/\text{NDF}: 29436.2/29$

- sign -41.321 ± 0.077 $\chi^2/\text{NDF}: 18999.4/14$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.028 ± 1.110 χ^2/NDF : 0.9/3

Left Out: -21.213 ± 0.074 χ^2/NDF : 3600.1/10

Right Out: -12.032 ± 0.738 χ^2/NDF : 8.5/4

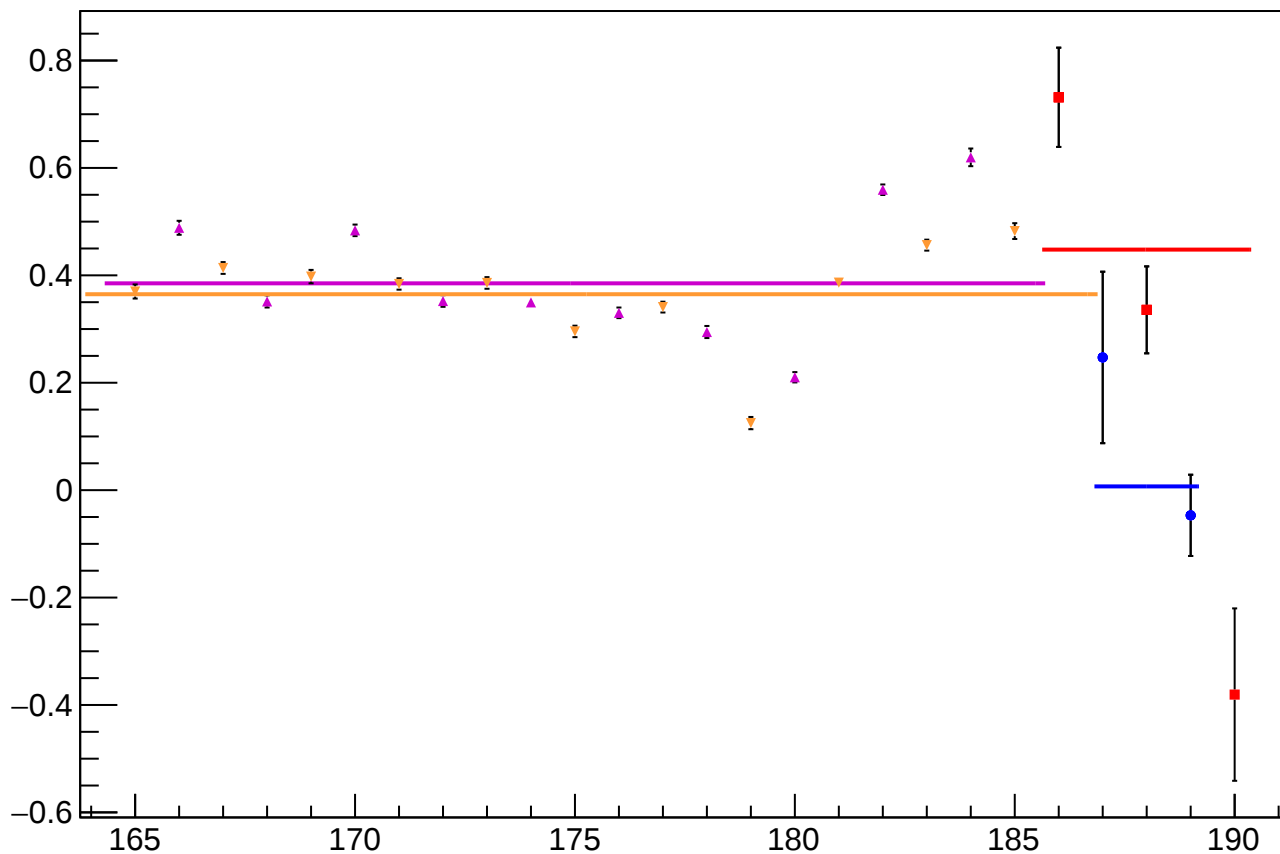
Left In: -21.157 ± 0.076 χ^2/NDF : 1903.0/9

+ sign -21.189 ± 0.074 χ^2/NDF : 3622.8/14

All: -21.126 ± 0.053 χ^2/NDF : 5687.0/29

- sign -21.060 ± 0.076 χ^2/NDF : 2062.8/14

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.007 $\pm$ 0.048 χ^2 /NDF: 5.5/3

Left Out: 0.365 $\pm$ 0.003 χ^2 /NDF: 673.2/10

Right Out: 0.448 $\pm$ 0.042 χ^2 /NDF: 49.3/4

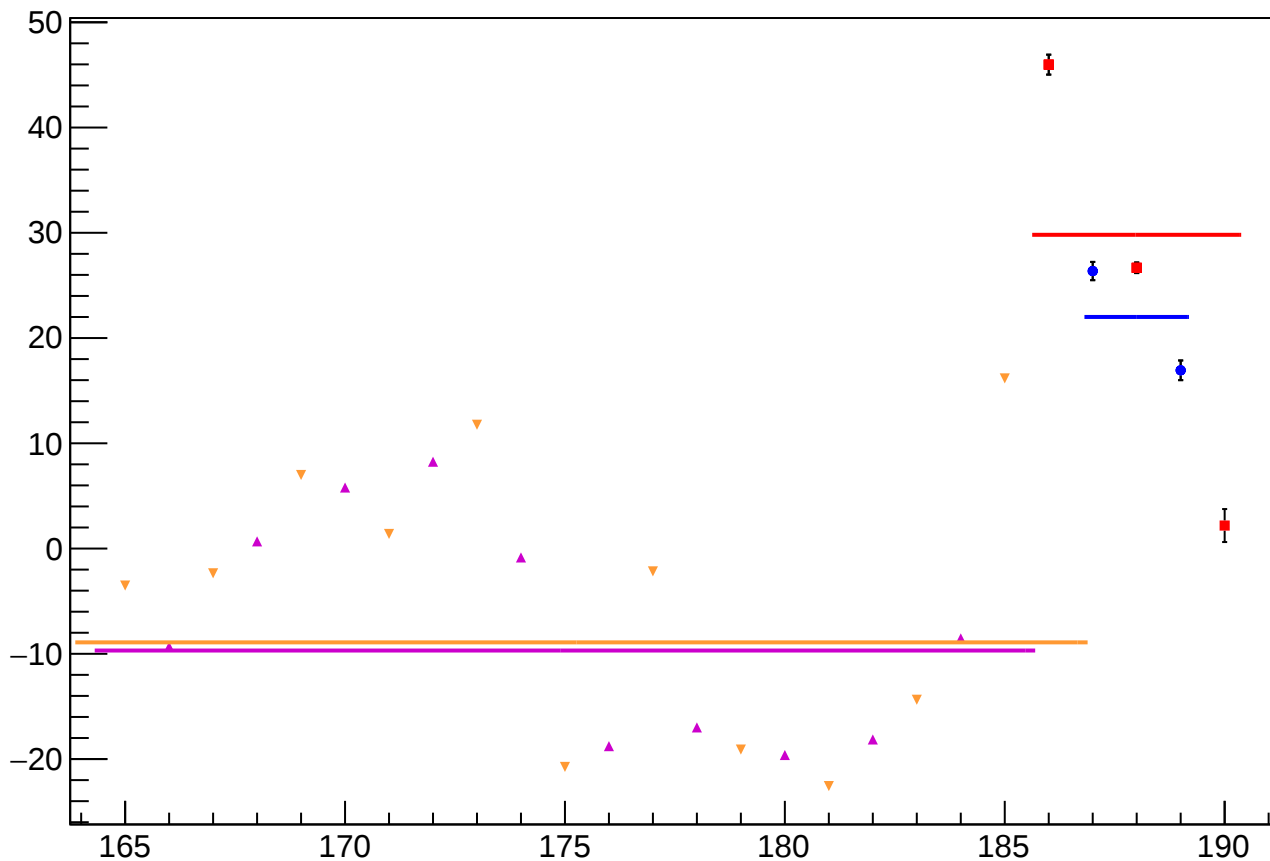
Left In: 0.385 $\pm$ 0.003 χ^2 /NDF: 1127.7/9

+ sign 0.363 $\pm$ 0.003 χ^2 /NDF: 733.2/14

All: 0.374 $\pm$ 0.002 χ^2 /NDF: 1934.8/29

- sign 0.386 $\pm$ 0.003 χ^2 /NDF: 1179.3/14

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 22.004 ± 0.450 $\chi^2/\text{NDF}: 109.2/3$

Left Out: -8.913 ± 0.070 $\chi^2/\text{NDF}: 30812.6/10$

Right Out: 29.808 ± 0.308 $\chi^2/\text{NDF}: 970.5/4$

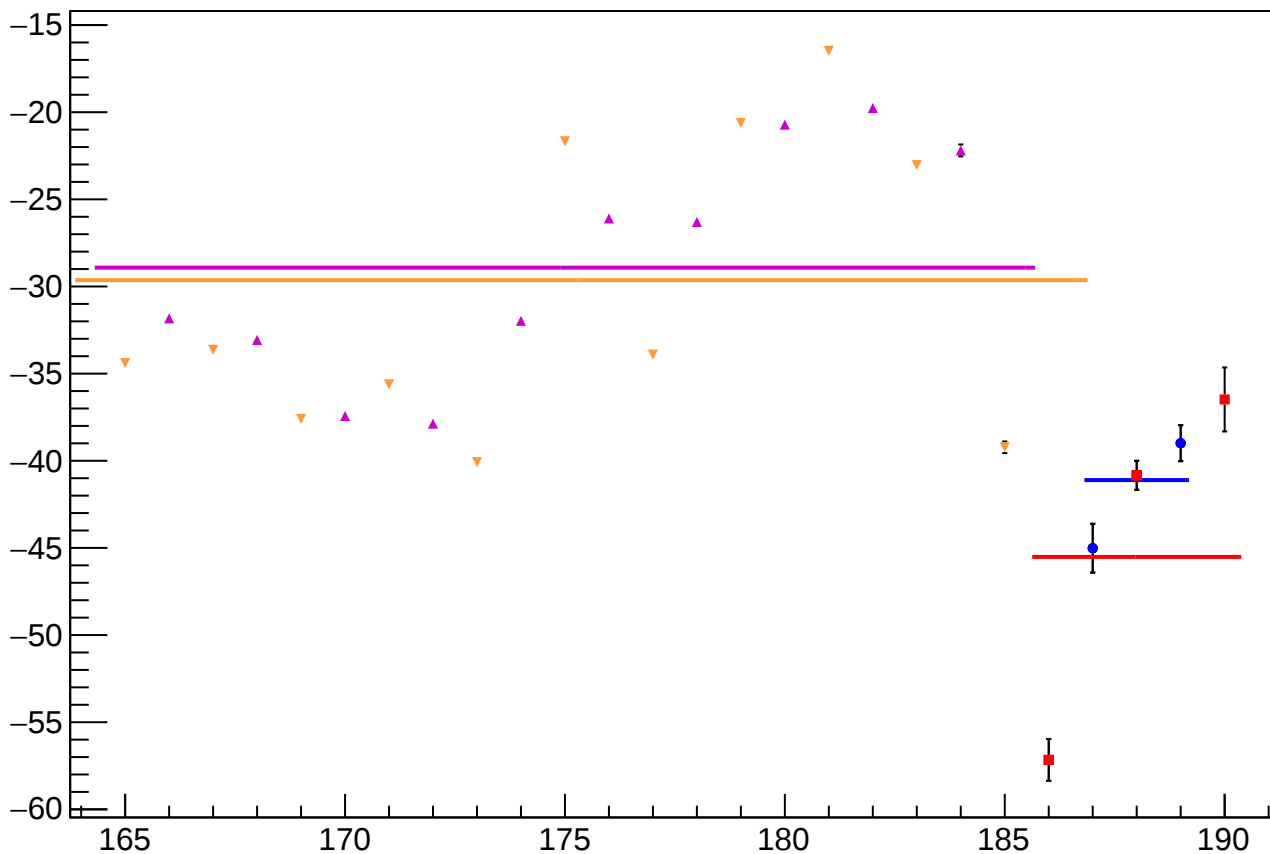
Left In: -9.688 ± 0.072 $\chi^2/\text{NDF}: 19308.6/9$

+ sign -8.177 ± 0.069 $\chi^2/\text{NDF}: 35530.9/14$

All: -7.902 ± 0.049 $\chi^2/\text{NDF}: 71431.8/29$

- sign -7.617 ± 0.071 $\chi^2/\text{NDF}: 35868.8/14$

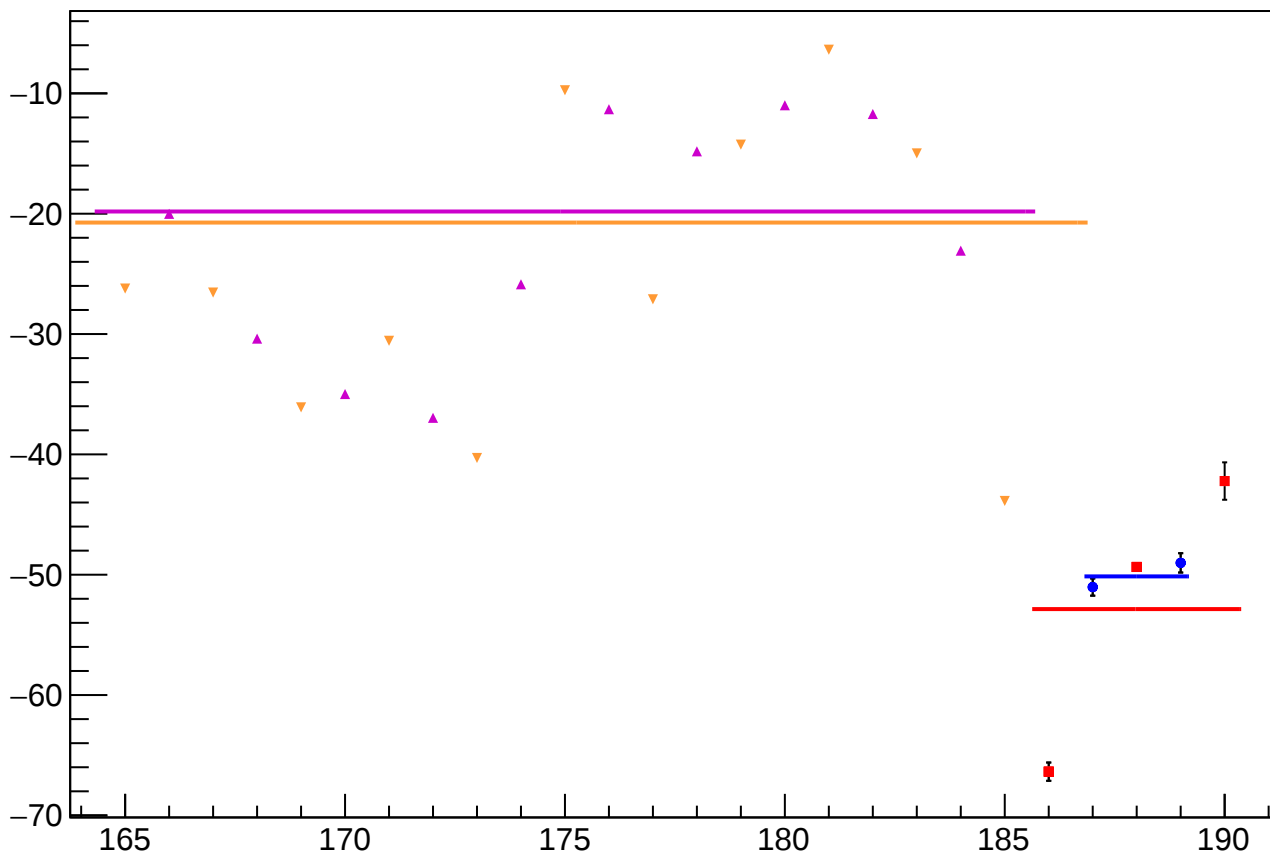
reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.108 ± 0.587 $\chi^2/\text{NDF}: 24.0/3$
 Left Out: -29.636 ± 0.063 $\chi^2/\text{NDF}: 17253.7/10$
 Right Out: -45.516 ± 0.467 $\chi^2/\text{NDF}: 276.8/4$
 Left In: -28.918 ± 0.065 $\chi^2/\text{NDF}: 9498.2/9$

+ sign -29.765 ± 0.062 $\chi^2/\text{NDF}: 17654.9/14$
 All: -29.509 ± 0.045 $\chi^2/\text{NDF}: 28704.4/29$
 - sign -29.234 ± 0.064 $\chi^2/\text{NDF}: 11014.5/14$

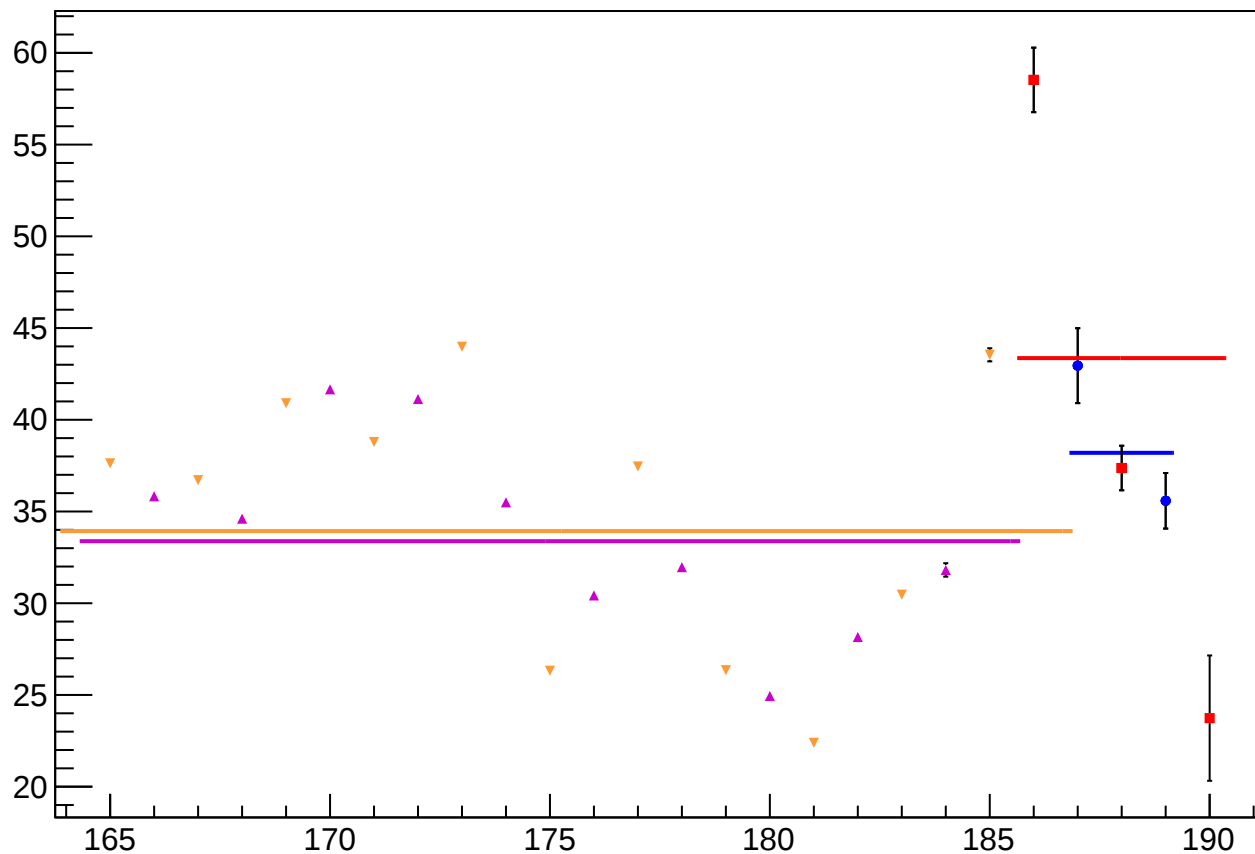
reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -50.140±/0.377 χ^2/NDF : 7.0/3
 Left Out: -20.736±/0.071 χ^2/NDF : 26527.6/10
 Right Out: -52.857±/0.250 χ^2/NDF : 828.8/4
 Left In: -19.816±/0.074 χ^2/NDF : 15860.5/9

+ sign -21.754±/0.070 χ^2/NDF : 32403.0/14
 All: -22.107±/0.050 χ^2/NDF : 65221.5/29
 - sign -22.467±/0.071 χ^2/NDF : 32767.4/14

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 38.199+/-0.860 χ^2/NDF : 16.8/3

Left Out: 33.934+/-0.068 χ^2/NDF : 11408.8/10

Right Out: 43.362+/-0.692 χ^2/NDF : 230.5/4

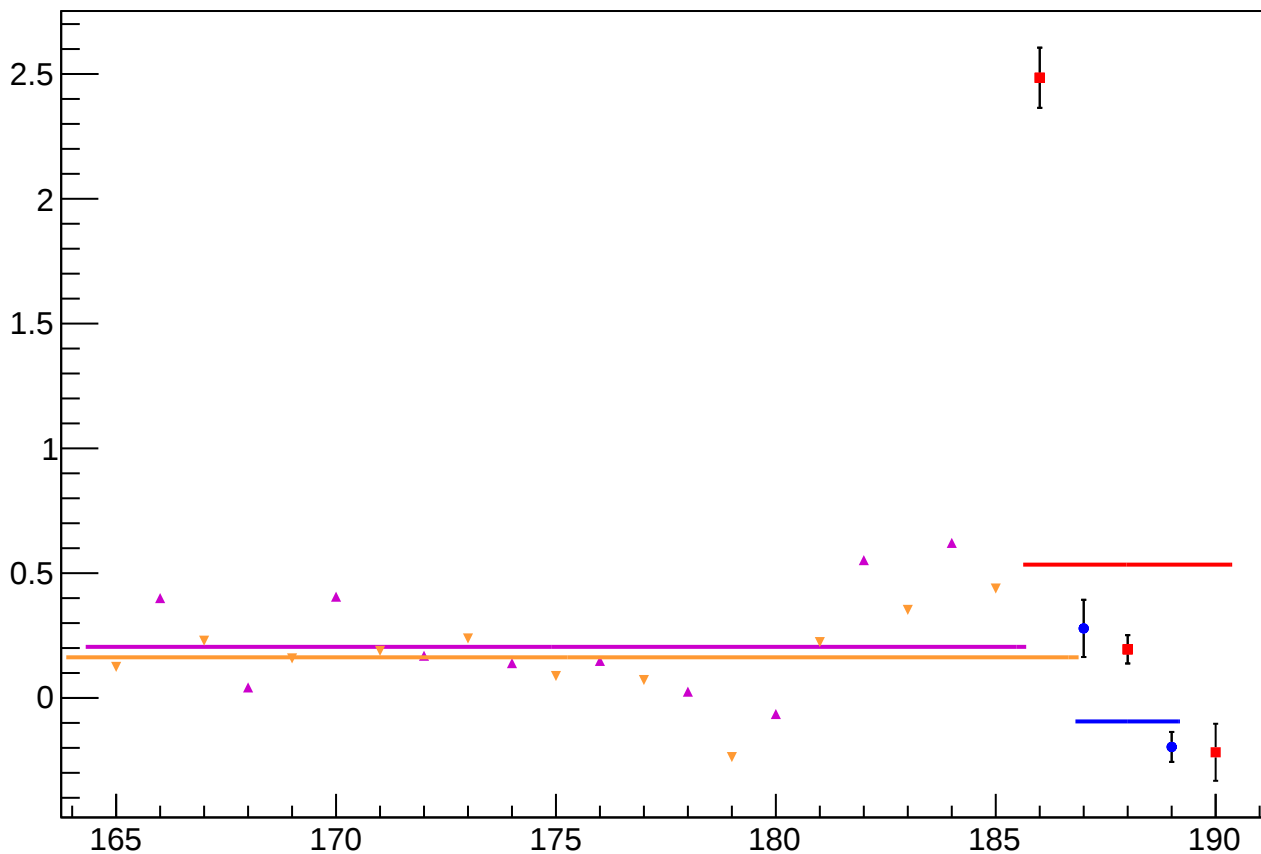
Left In: 33.382+/-0.070 χ^2/NDF : 5683.9/9

+ sign 33.960+/-0.067 χ^2/NDF : 11450.0/14

All: 33.730+/-0.049 χ^2/NDF : 17594.5/29

- sign 33.484+/-0.070 χ^2/NDF : 6120.5/14

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.094 ± 0.038 $\chi^2/\text{NDF}: 26.9/3$

Left Out: 0.163 ± 0.003 $\chi^2/\text{NDF}: 2572.6/10$

Right Out: 0.534 ± 0.035 $\chi^2/\text{NDF}: 638.2/4$

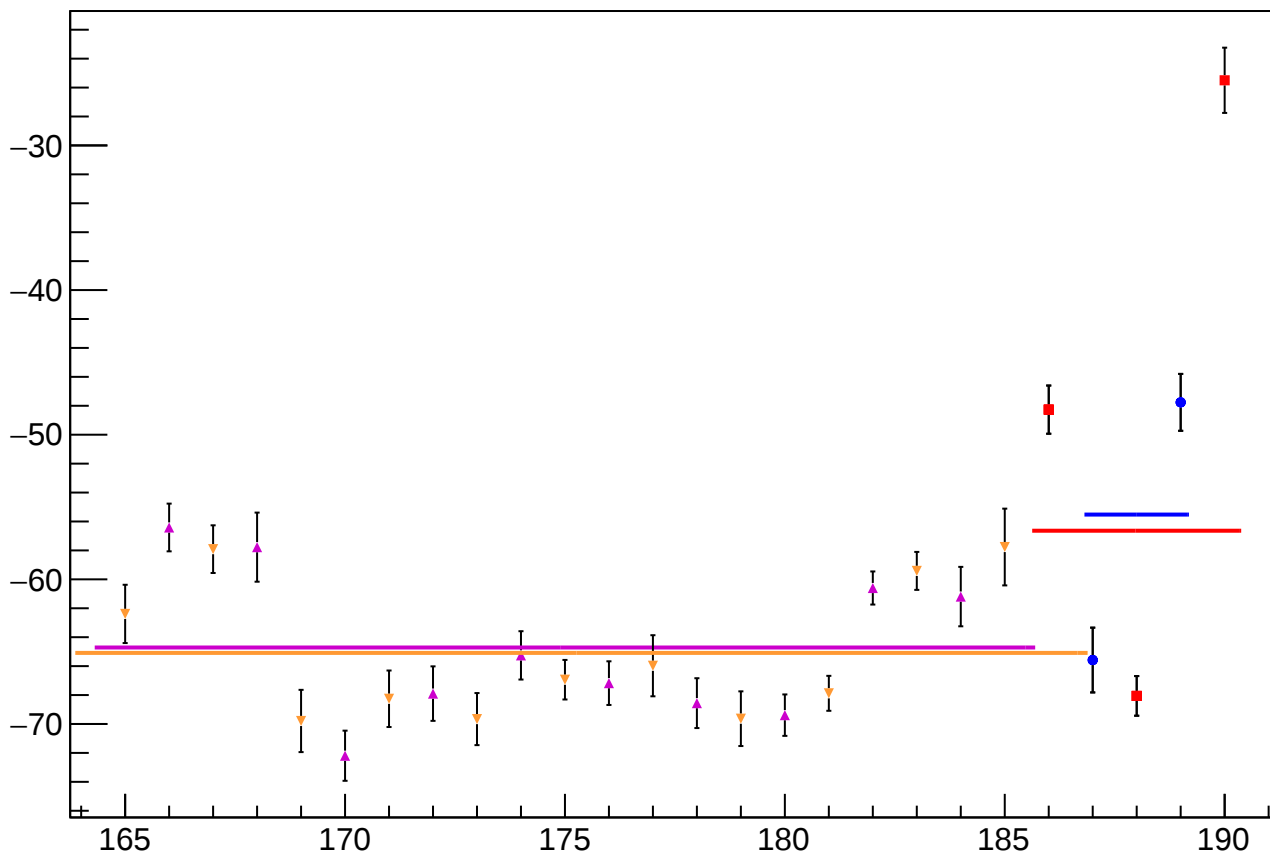
Left In: 0.205 ± 0.003 $\chi^2/\text{NDF}: 4225.5/9$

+ sign 0.161 ± 0.003 $\chi^2/\text{NDF}: 2645.9/14$

All: 0.184 ± 0.002 $\chi^2/\text{NDF}: 7714.0/29$

- sign 0.207 ± 0.003 $\chi^2/\text{NDF}: 4953.7/14$

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -55.522 ± 1.045 χ^2/NDF : 71.5/3

Left Out: -65.086 ± 0.510 χ^2/NDF : 74.0/10

Right Out: -56.638 ± 0.710 χ^2/NDF : 379.9/4

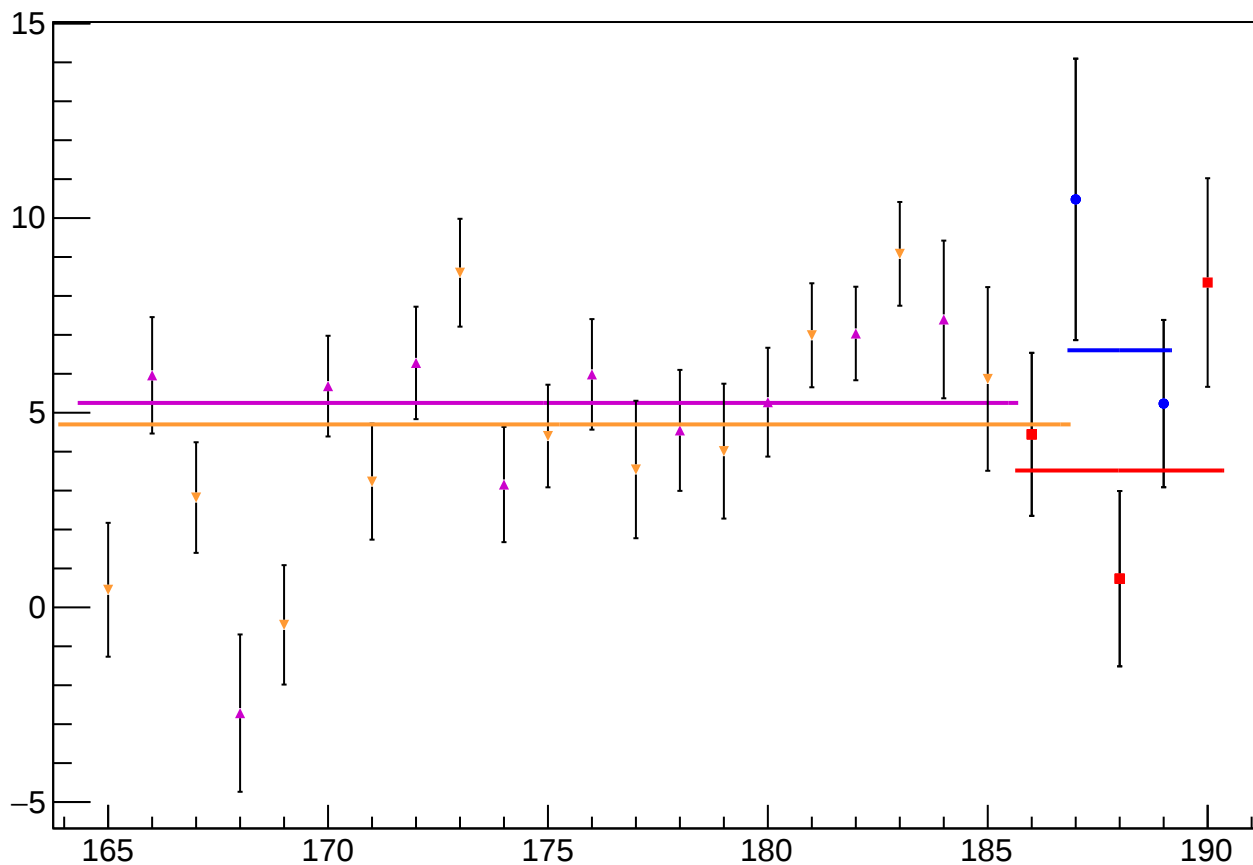
Left In: -64.712 ± 0.514 χ^2/NDF : 89.5/9

+ sign -63.247 ± 0.458 χ^2/NDF : 213.2/14

All: -62.529 ± 0.308 χ^2/NDF : 771.8/29

- sign -61.935 ± 0.417 χ^2/NDF : 554.2/14

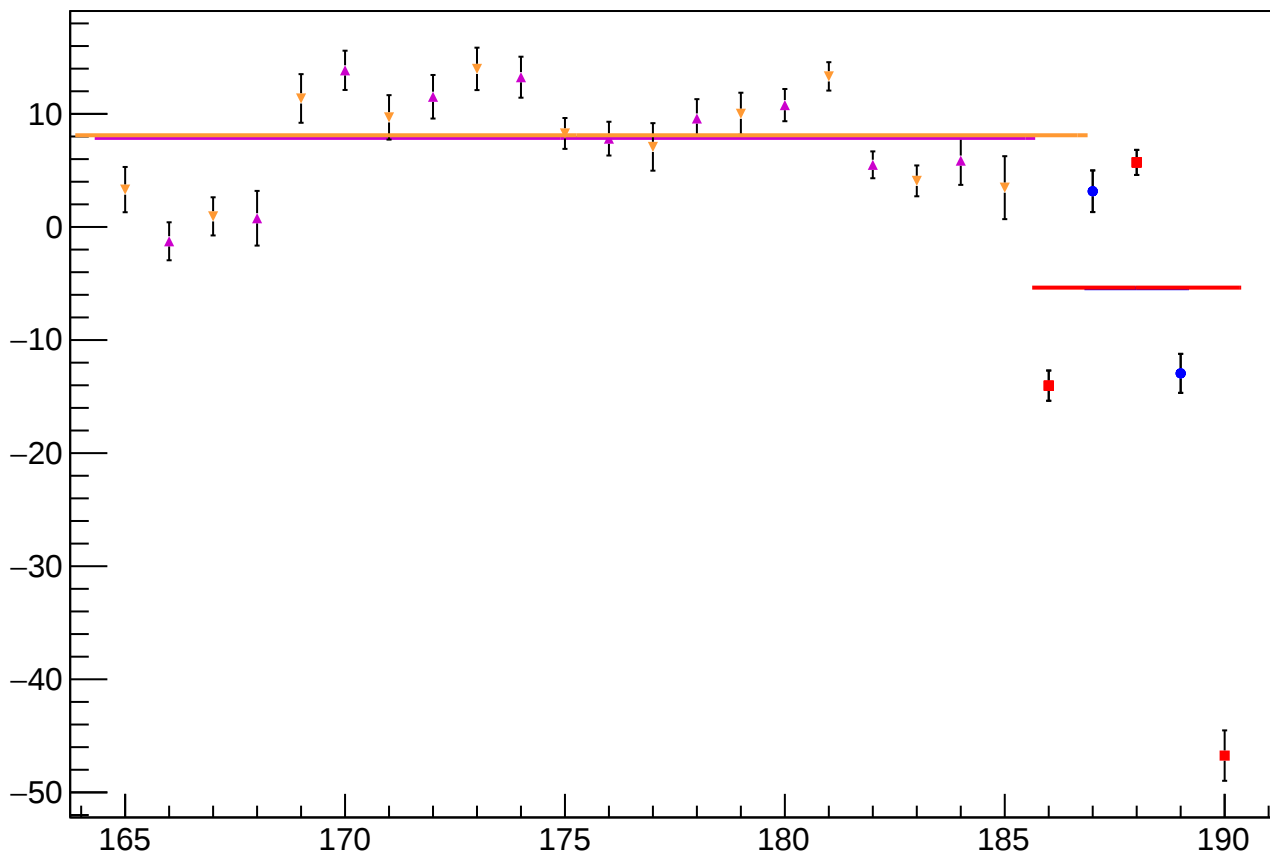
reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 6.604 $\pm$ 1.306 χ^2/NDF : 3.1/3
 Left Out: 4.700 $\pm$ 0.458 χ^2/NDF : 42.6/10
 Right Out: 3.516 $\pm$ 1.005 χ^2/NDF : 6.7/4
 Left In: 5.252 $\pm$ 0.467 χ^2/NDF : 22.2/9

+ sign 4.909 $\pm$ 0.432 χ^2/NDF : 47.6/14
 All: 4.926 $\pm$ 0.303 χ^2/NDF : 79.0/29
 - sign 4.944 $\pm$ 0.424 χ^2/NDF : 31.3/14

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: -5.416 ± 0.890 χ^2/NDF : 81.5/3

Left Out: 8.110 ± 0.519 χ^2/NDF : 66.5/10

Right Out: -5.364 ± 0.583 χ^2/NDF : 628.2/4

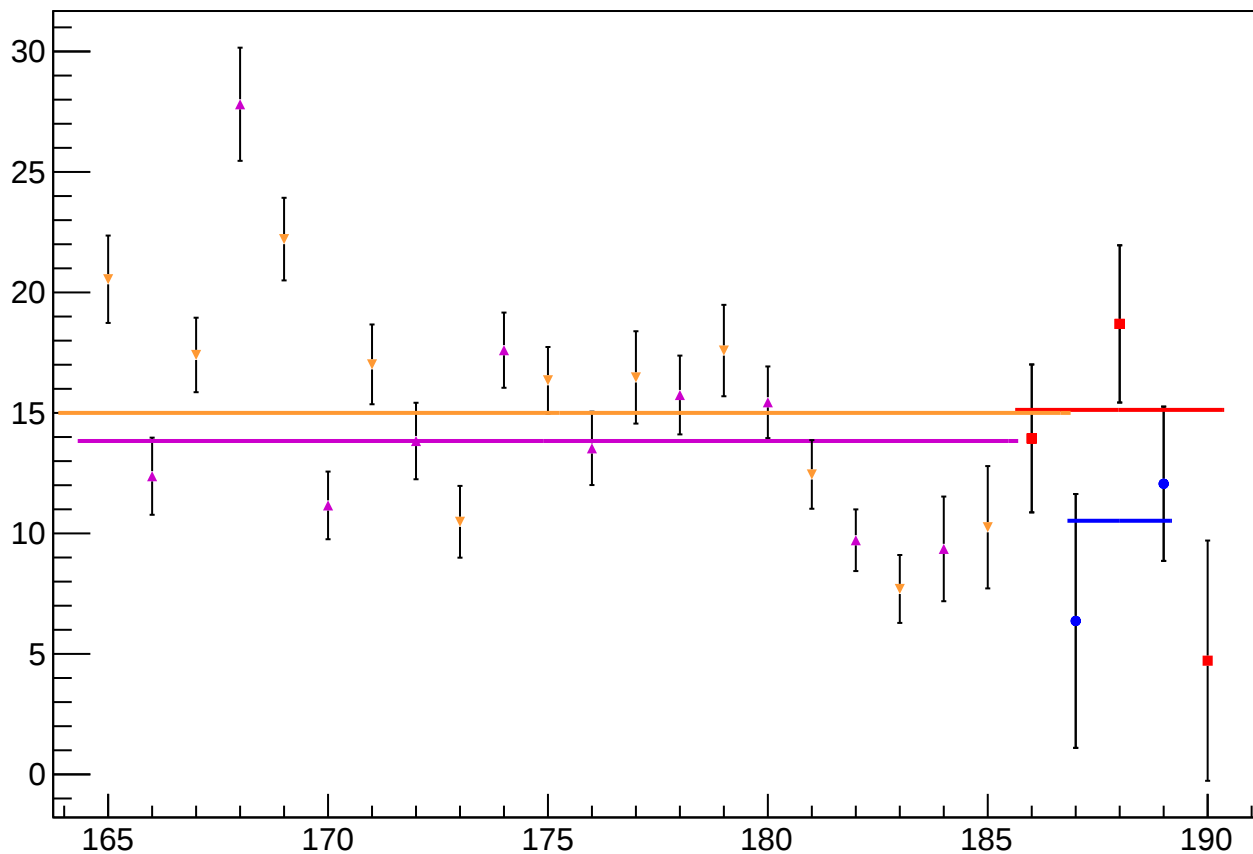
Left In: 7.877 ± 0.524 χ^2/NDF : 72.5/9

+ sign 4.677 ± 0.448 χ^2/NDF : 320.4/14

All: 3.125 ± 0.294 χ^2/NDF : 1327.6/29

- sign 1.954 ± 0.390 χ^2/NDF : 986.2/14

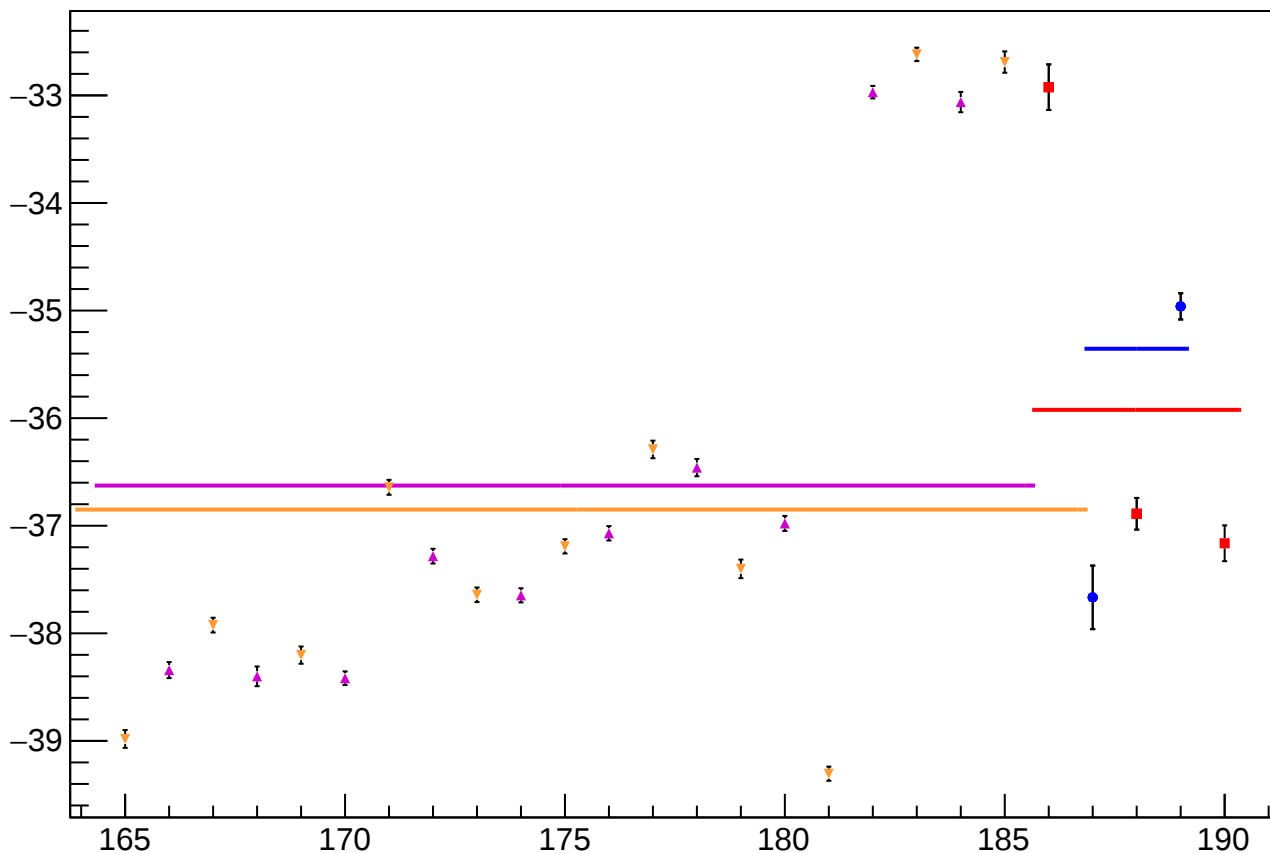
reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 10.525+/-1.934 χ^2/NDF : 1.7/3
 Left Out: 15.001+/-0.494 χ^2/NDF : 77.2/10
 Right Out: 15.126+/-1.507 χ^2/NDF : 7.0/4
 Left In: 13.836+/-0.502 χ^2/NDF : 62.9/9

+ sign 14.728+/-0.478 χ^2/NDF : 83.9/14
 All: 14.345+/-0.338 χ^2/NDF : 155.8/29
 - sign 13.965+/-0.476 χ^2/NDF : 70.6/14

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -35.355 ± 0.080 χ^2/NDF : 143.2/3

Left Out: -36.850 ± 0.022 χ^2/NDF : 9214.6/10

Right Out: -35.923 ± 0.076 χ^2/NDF : 543.2/4

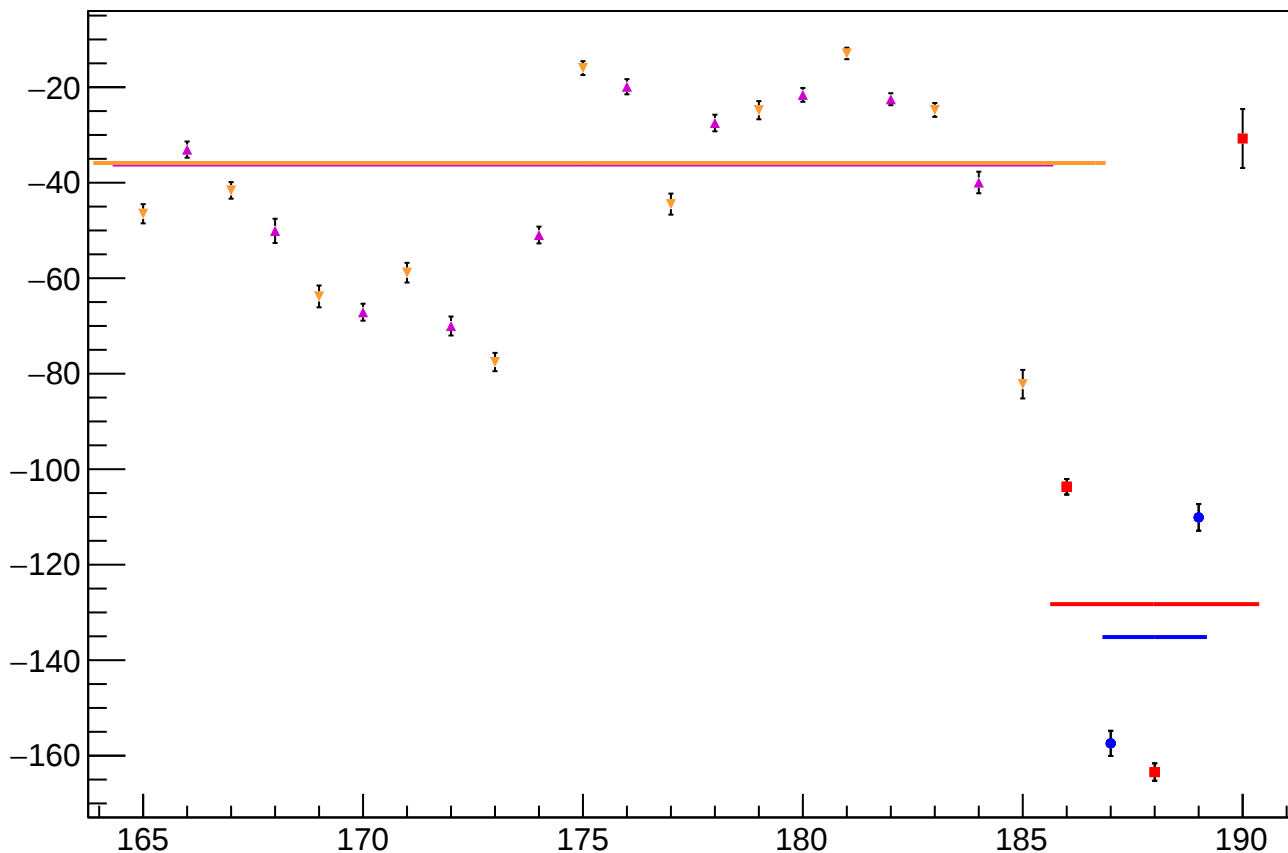
Left In: -36.627 ± 0.022 χ^2/NDF : 7487.4/9

+ sign -36.743 ± 0.021 χ^2/NDF : 9684.2/14

All: -36.657 ± 0.015 χ^2/NDF : 17826.0/29

- sign -36.570 ± 0.022 χ^2/NDF : 8109.4/14

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -135.152 ± 1.354 χ^2/NDF : 304.4/3

Left Out: -35.866 ± 0.533 χ^2/NDF : 1687.3/10

Right Out: -128.262 ± 0.853 χ^2/NDF : 1442.6/4

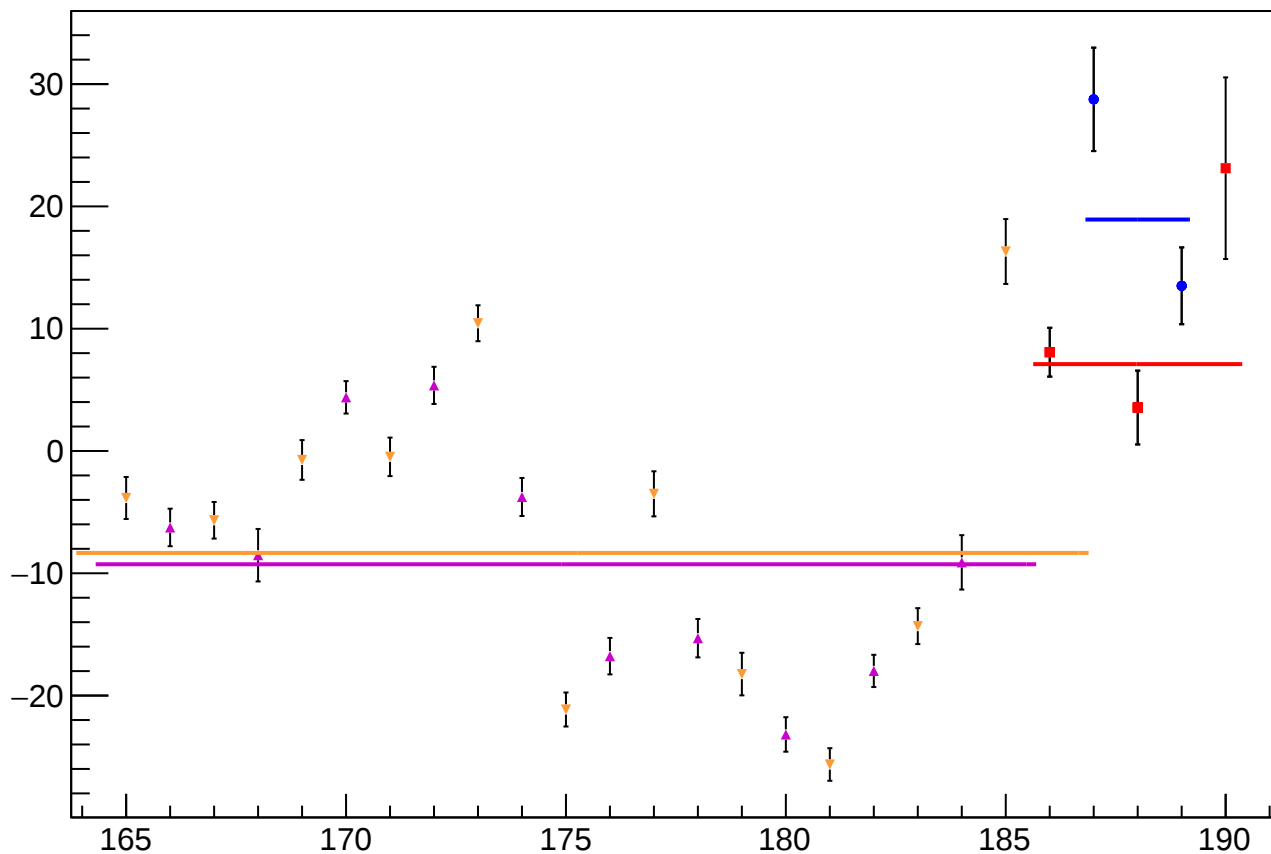
Left In: -36.190 ± 0.540 χ^2/NDF : 1049.3/9

+ sign -49.202 ± 0.496 χ^2/NDF : 6646.0/14

All: -56.435 ± 0.336 χ^2/NDF : 17851.4/29

- sign -62.549 ± 0.456 χ^2/NDF : 10813.4/14

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 18.926 $\pm$ 1.783 χ^2/NDF : 16.8/3

Left Out: -8.335 $\pm$ 0.480 χ^2/NDF : 615.7/10

Right Out: 7.102 $\pm$ 1.163 χ^2/NDF : 7.9/4

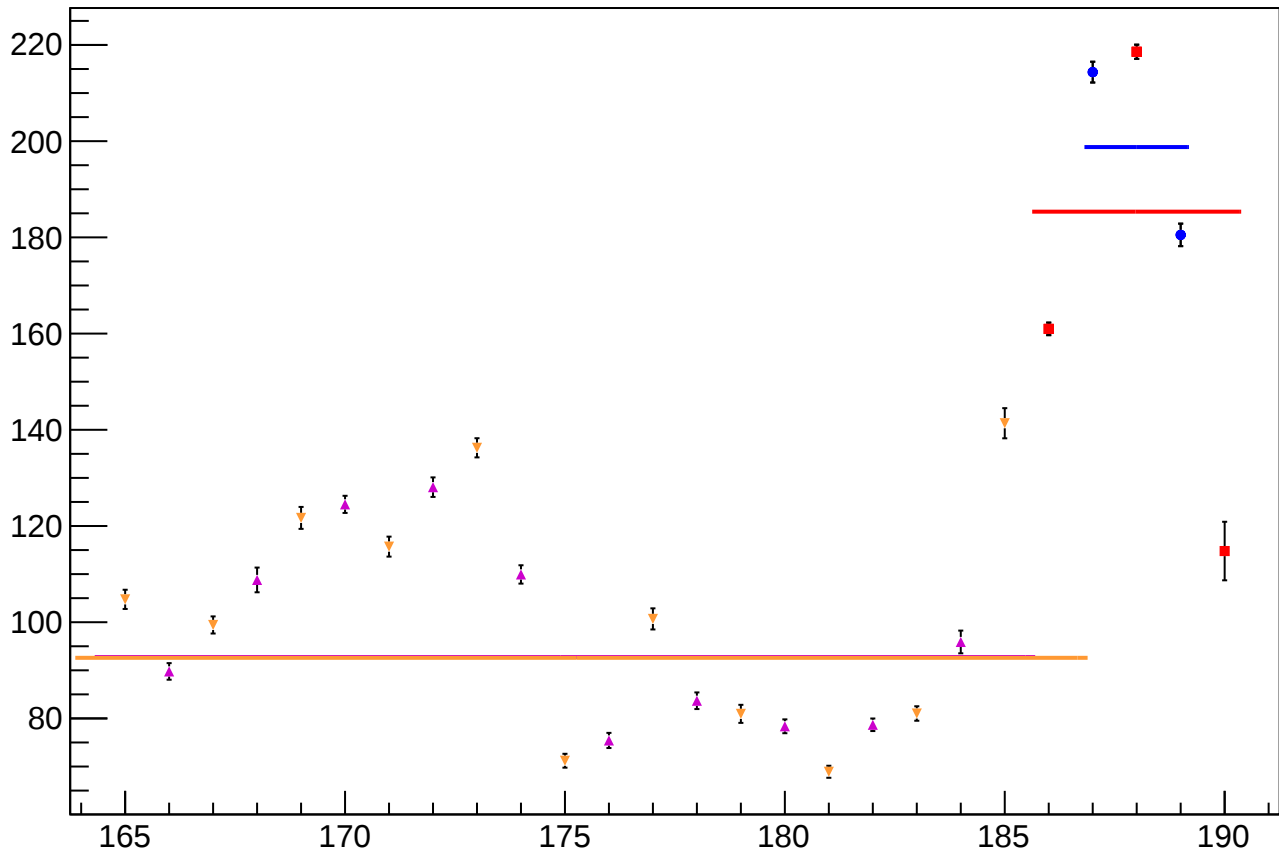
Left In: -9.264 $\pm$ 0.488 χ^2/NDF : 396.5/9

+ sign -6.493 $\pm$ 0.463 χ^2/NDF : 850.5/14

All: -6.657 $\pm$ 0.323 χ^2/NDF : 1423.4/29

- sign -6.812 $\pm$ 0.450 χ^2/NDF : 572.7/14

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 198.775+/-1.123 χ^2/NDF : 225.7/3

Left Out: 92.600+/-0.543 χ^2/NDF : 1748.8/10

Right Out: 185.345+/-0.687 χ^2/NDF : 1847.3/4

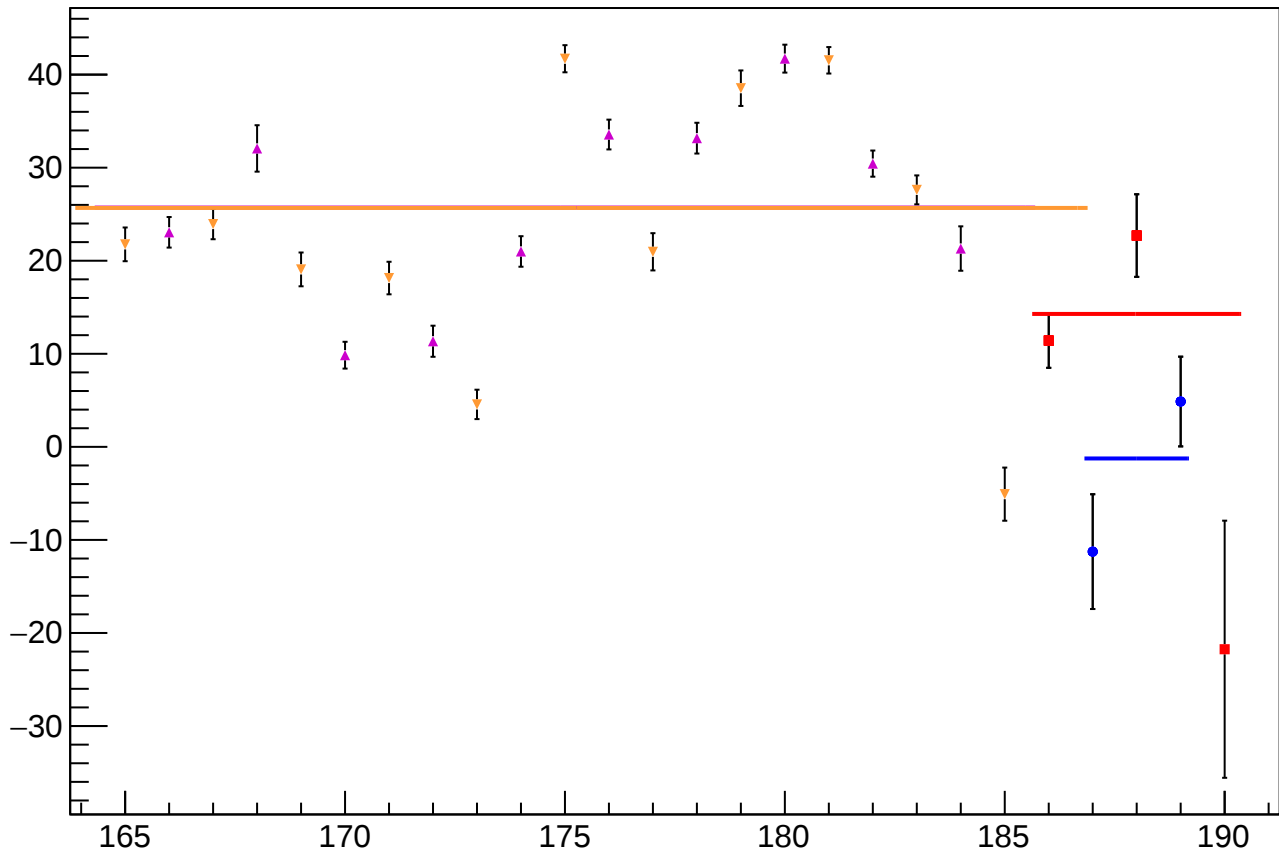
Left In: 92.769+/-0.550 χ^2/NDF : 1110.7/9

+ sign 112.716+/-0.489 χ^2/NDF : 9225.7/14

All: 121.867+/-0.322 χ^2/NDF : 23883.1/29

- sign 128.925+/-0.429 χ^2/NDF : 14036.1/14

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: -1.248 ± 2.686 χ^2/NDF : 8.5/3

Left Out: 25.674 ± 0.517 χ^2/NDF : 630.1/10

Right Out: 14.283 ± 1.716 χ^2/NDF : 15.9/4

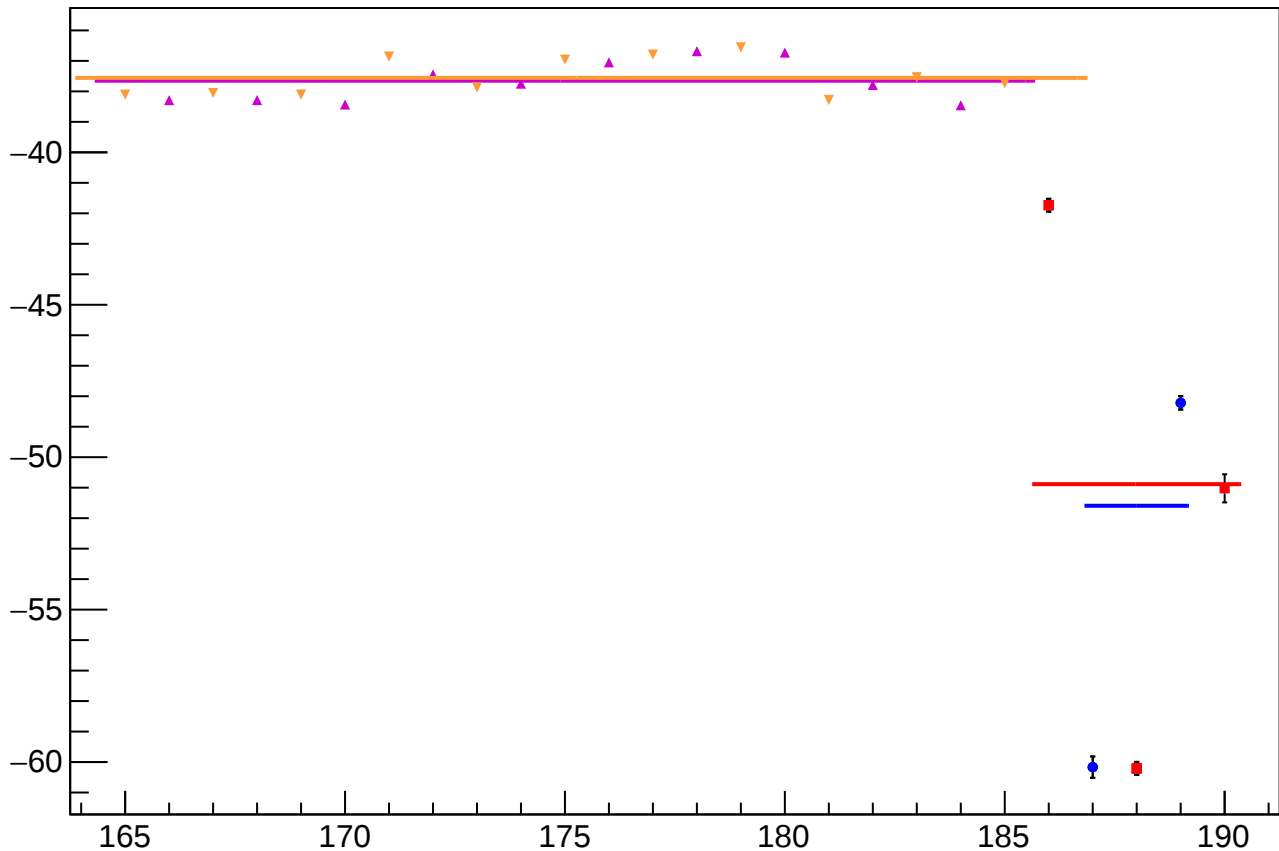
Left In: 25.715 ± 0.525 χ^2/NDF : 385.5/9

+ sign 24.711 ± 0.508 χ^2/NDF : 735.5/14

All: 24.724 ± 0.357 χ^2/NDF : 1177.5/29

- sign 24.736 ± 0.502 χ^2/NDF : 442.0/14

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -51.593 ± 0.132 $\chi^2/\text{NDF}: 1670.5/3$

Left Out: -37.557 ± 0.023 $\chi^2/\text{NDF}: 649.7/10$

Right Out: -50.884 ± 0.103 $\chi^2/\text{NDF}: 7586.8/4$

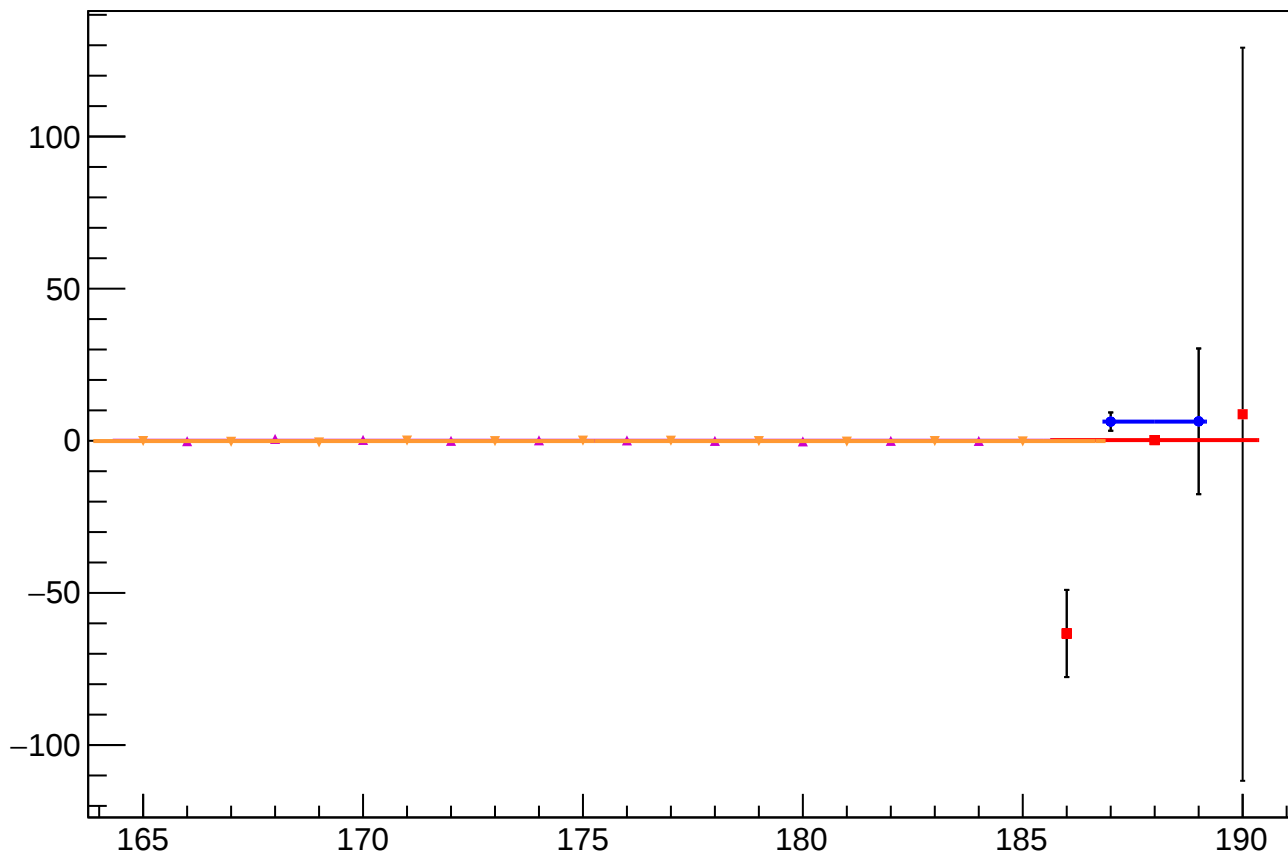
Left In: -37.650 ± 0.024 $\chi^2/\text{NDF}: 713.2/9$

+ sign -37.983 ± 0.023 $\chi^2/\text{NDF}: 13346.1/14$

All: -38.144 ± 0.016 $\chi^2/\text{NDF}: 37330.2/29$

- sign -38.305 ± 0.023 $\chi^2/\text{NDF}: 23885.5/14$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 6.306 ± 2.110 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -0.094 ± 0.031 $\chi^2/\text{NDF}: 19.1/10$

Right Out: 0.228 ± 0.112 $\chi^2/\text{NDF}: 39.4/4$

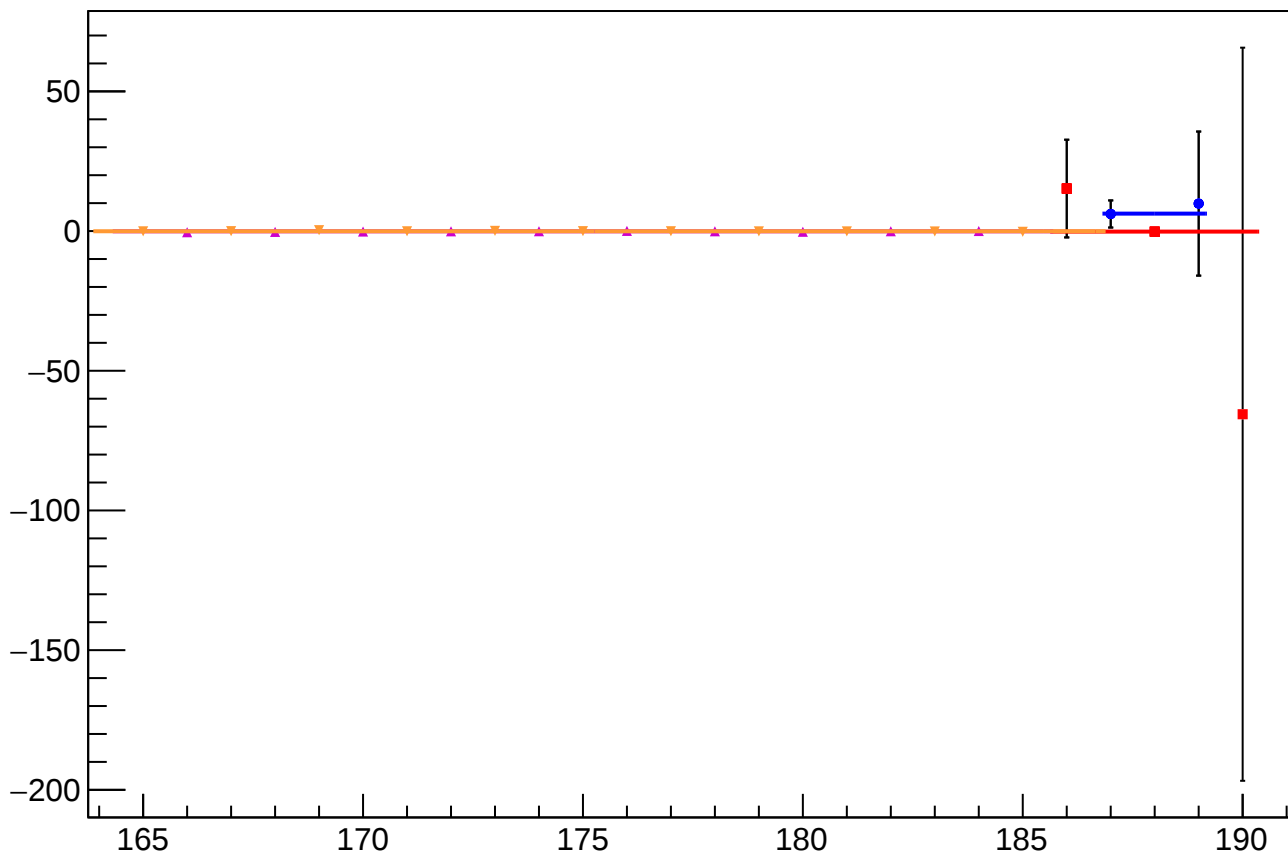
Left In: 0.015 ± 0.032 $\chi^2/\text{NDF}: 22.1/9$

+ sign -0.092 ± 0.031 $\chi^2/\text{NDF}: 28.3/14$

All: -0.030 ± 0.022 $\chi^2/\text{NDF}: 101.3/29$

- sign 0.031 ± 0.030 $\chi^2/\text{NDF}: 64.8/14$

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 6.246 ± 3.372 χ^2/NDF : 0.0/3

Left Out: -0.065 ± 0.028 χ^2/NDF : 11.6/10

Right Out: -0.188 ± 0.185 χ^2/NDF : 1.8/4

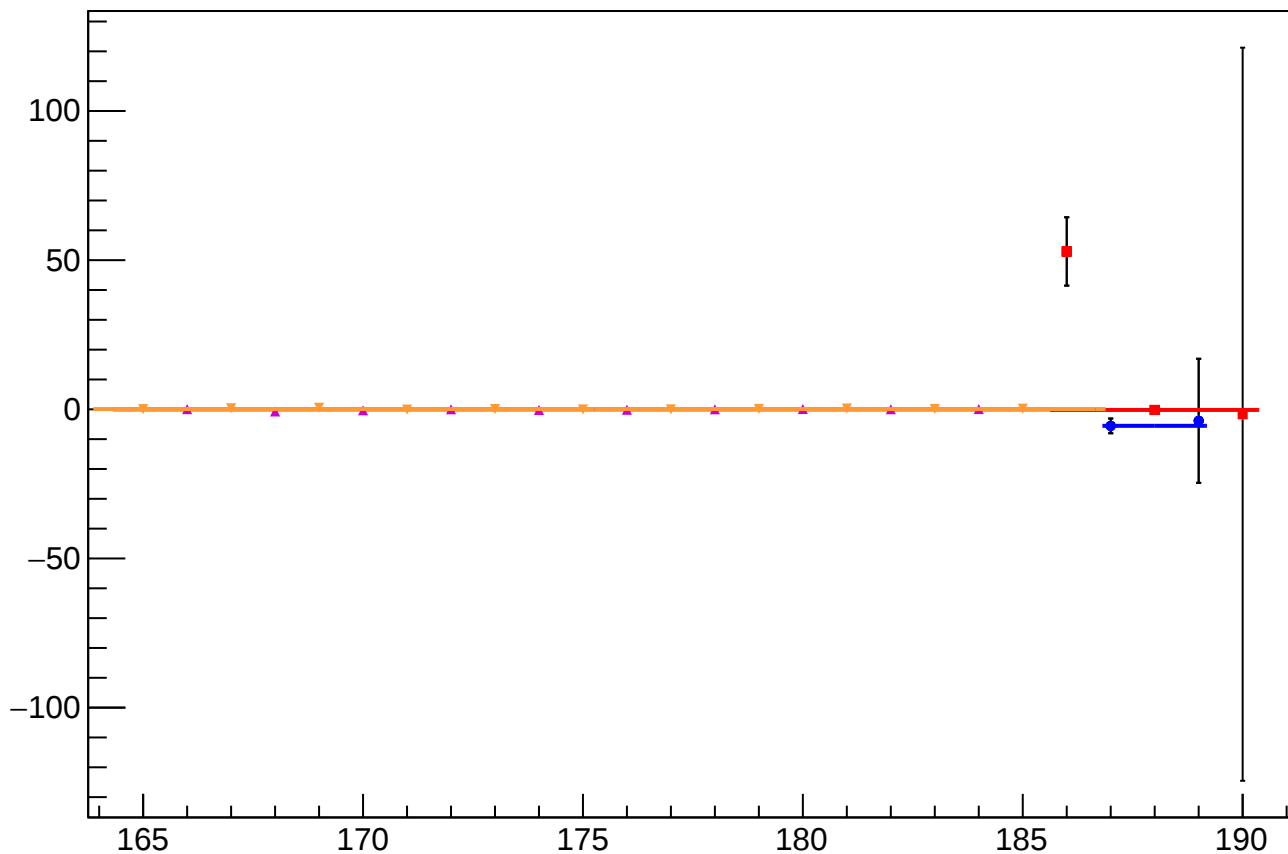
Left In: -0.083 ± 0.029 χ^2/NDF : 14.1/9

+ sign -0.064 ± 0.028 χ^2/NDF : 15.2/14

All: -0.075 ± 0.020 χ^2/NDF : 31.7/29

- sign -0.086 ± 0.029 χ^2/NDF : 16.2/14

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -5.533 ± 1.735 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 0.089 ± 0.031 $\chi^2/\text{NDF}: 19.4/10$

Right Out: -0.209 ± 0.090 $\chi^2/\text{NDF}: 43.0/4$

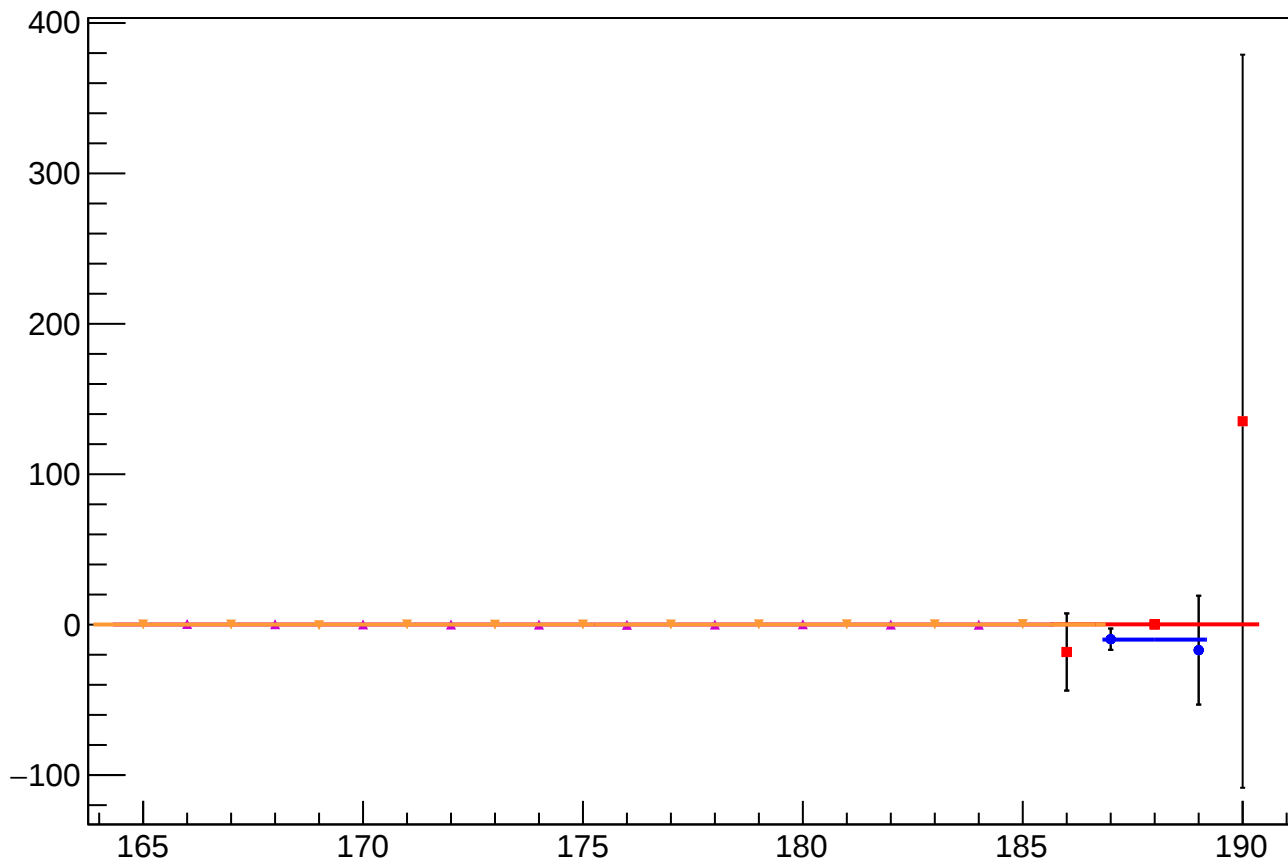
Left In: -0.027 ± 0.032 $\chi^2/\text{NDF}: 22.7/9$

+ sign 0.087 ± 0.031 $\chi^2/\text{NDF}: 29.9/14$

All: 0.018 ± 0.022 $\chi^2/\text{NDF}: 108.7/29$

- sign -0.047 ± 0.030 $\chi^2/\text{NDF}: 69.3/14$

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -9.941 ± 4.910 χ^2/NDF : 0.1/3

Left Out: 0.090 ± 0.030 χ^2/NDF : 14.6/10

Right Out: 0.206 ± 0.272 χ^2/NDF : 1.3/4

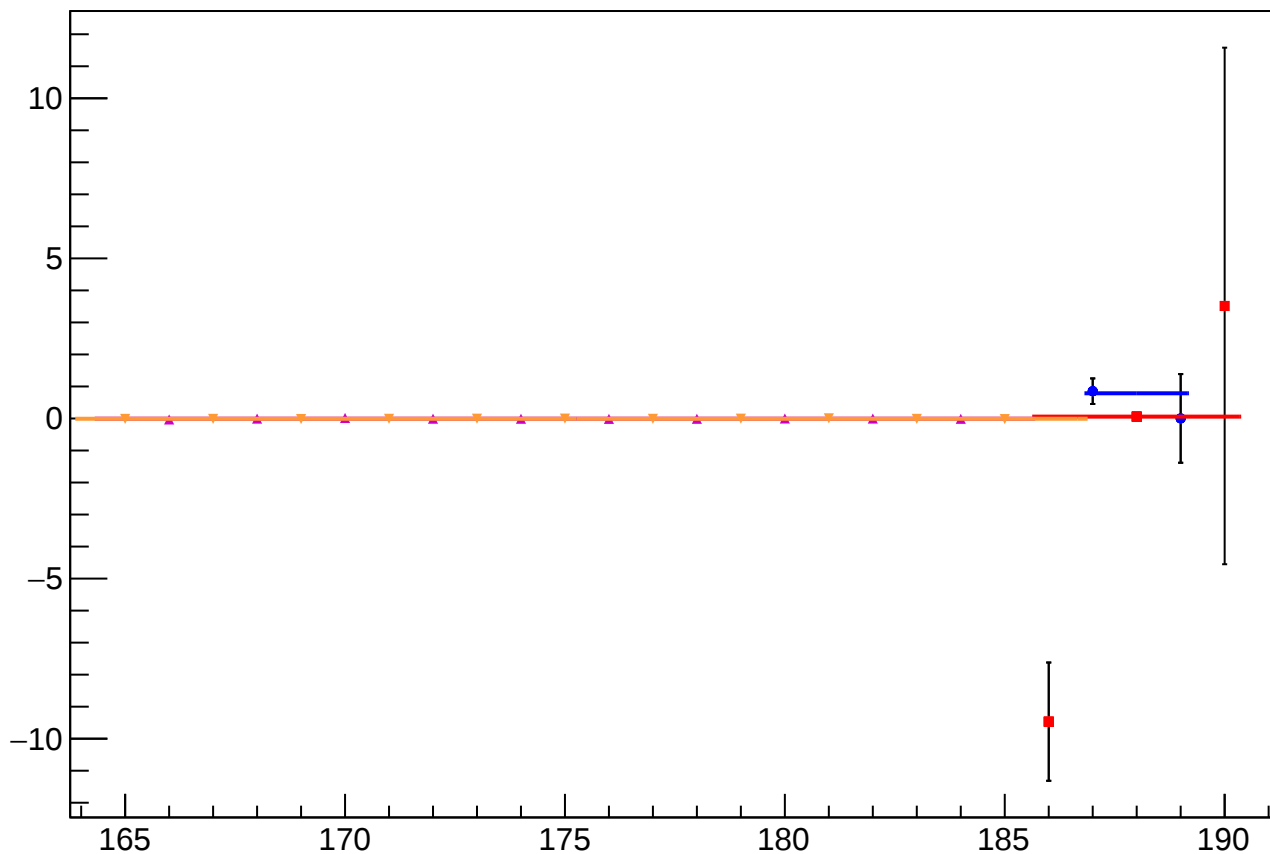
Left In: 0.094 ± 0.031 χ^2/NDF : 15.9/9

+ sign 0.090 ± 0.030 χ^2/NDF : 18.9/14

All: 0.093 ± 0.022 χ^2/NDF : 36.3/29

- sign 0.096 ± 0.031 χ^2/NDF : 17.4/14

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.787 ± 0.271 χ^2/NDF : 0.7/3

Left Out: -0.008 ± 0.001 χ^2/NDF : 18.8/10

Right Out: 0.059 ± 0.013 χ^2/NDF : 53.4/4

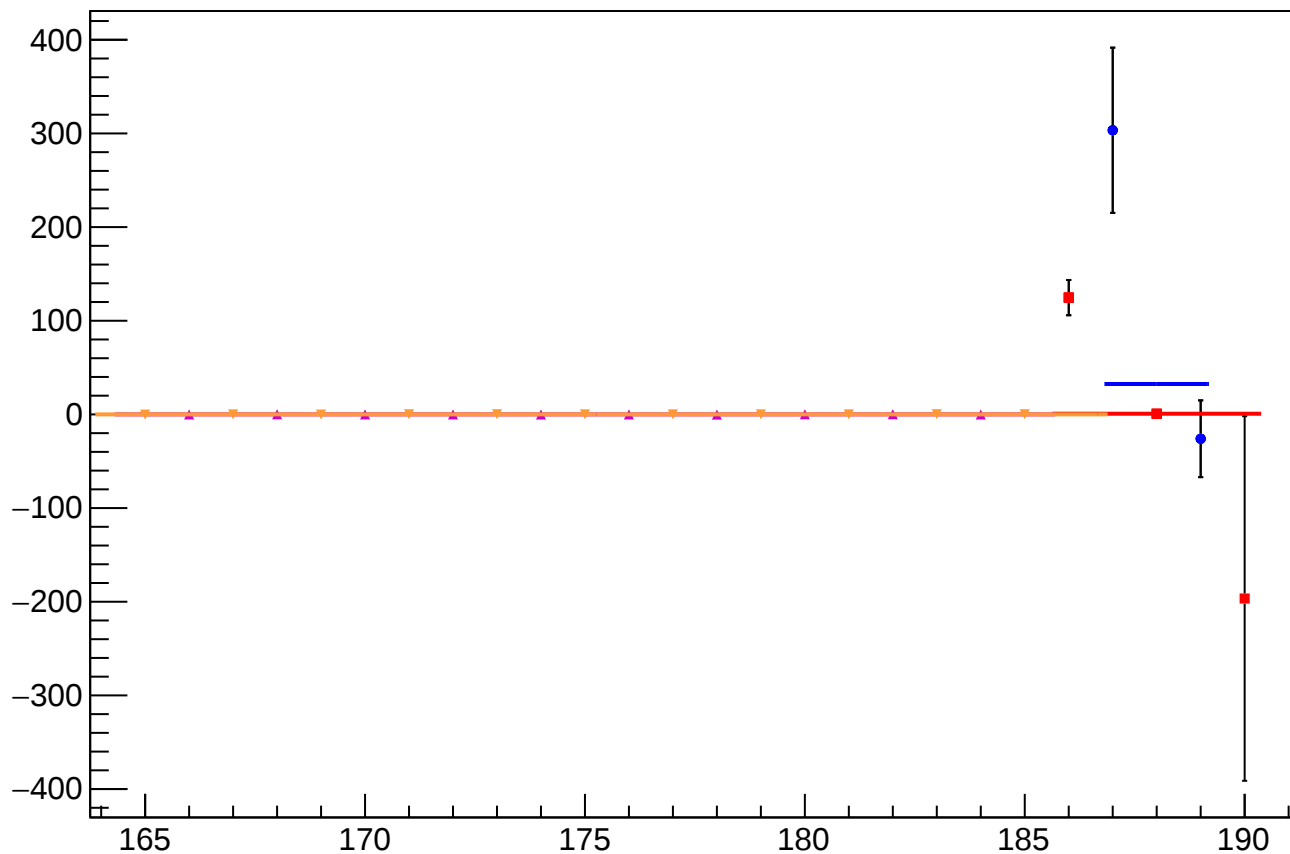
Left In: -0.006 ± 0.001 χ^2/NDF : 23.4/9

+ sign -0.008 ± 0.001 χ^2/NDF : 28.1/14

All: -0.007 ± 0.001 χ^2/NDF : 130.5/29

- sign -0.005 ± 0.001 χ^2/NDF : 100.8/14

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 32.486+/-26.276 χ^2/NDF : 22.9/3

Left Out: 0.045+/-0.037 χ^2/NDF : 9.4/10

Right Out: 0.740+/-0.142 χ^2/NDF : 87.8/4

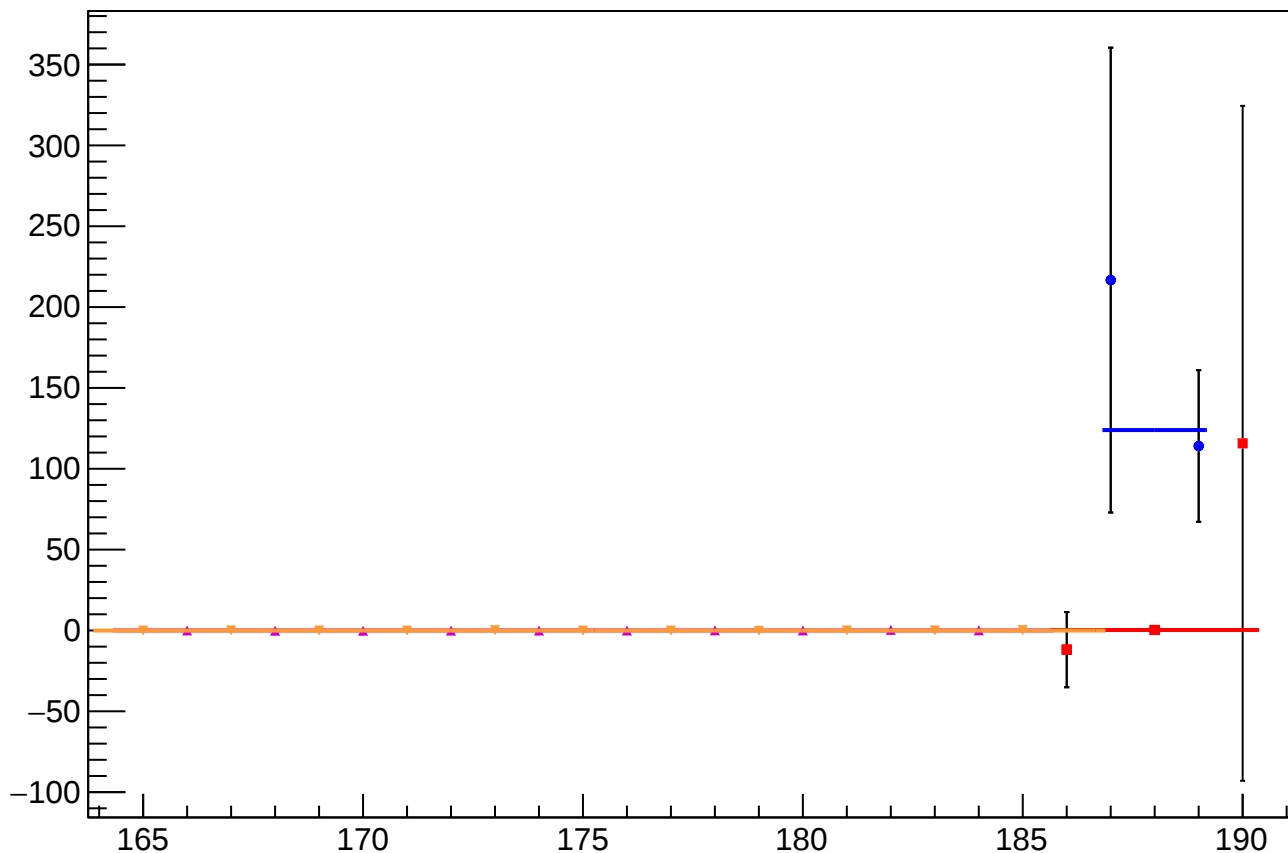
Left In: 0.041+/-0.038 χ^2/NDF : 13.0/9

+ sign 0.045+/-0.037 χ^2/NDF : 33.8/14

All: 0.066+/-0.026 χ^2/NDF : 157.9/29

- sign 0.087+/-0.036 χ^2/NDF : 123.5/14

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: 123.942 $\pm$ 31.519 χ^2 /NDF: 0.9/3

Left Out: -0.070 $\pm$ 0.033 χ^2 /NDF: 9.2/10

Right Out: 0.299 $\pm$ 0.235 χ^2 /NDF: 0.9/4

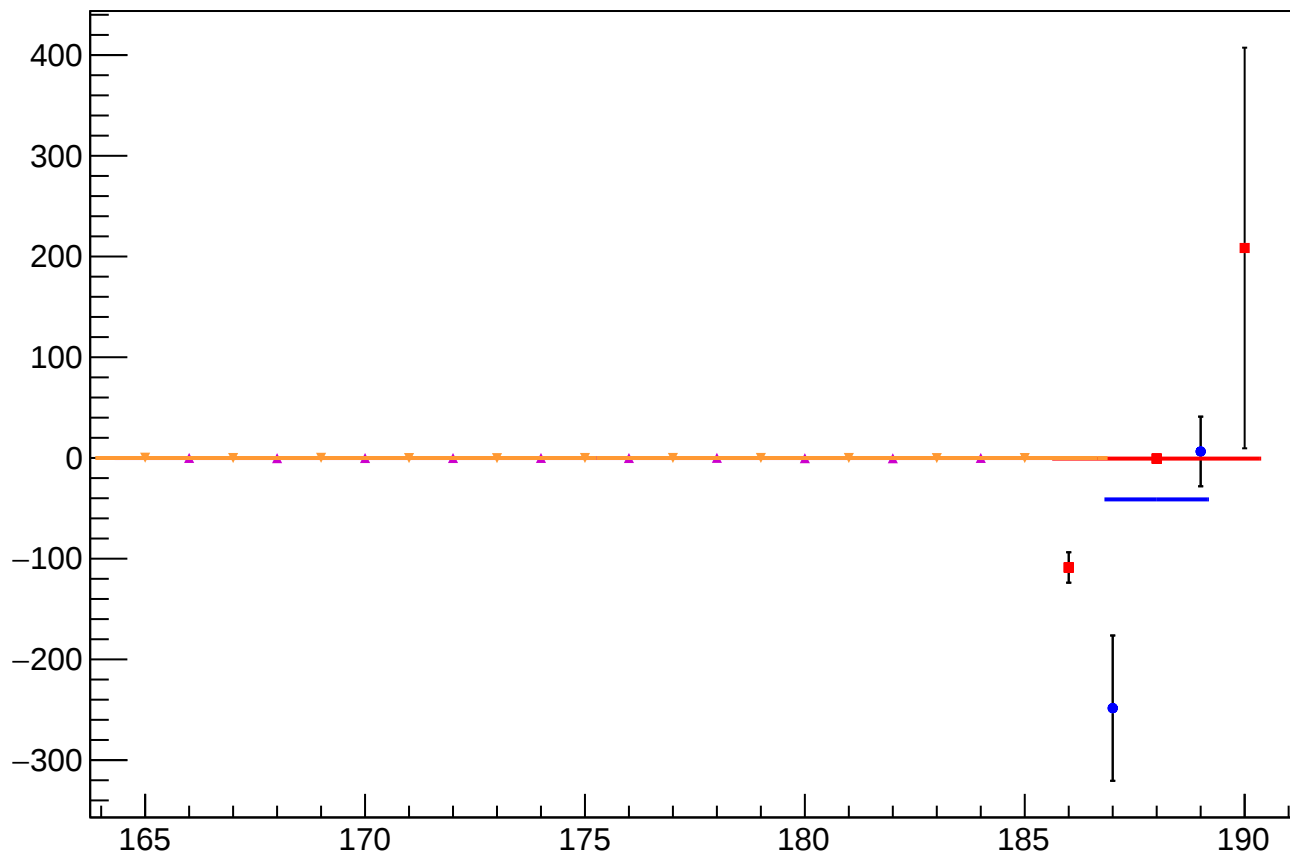
Left In: 0.032 $\pm$ 0.034 χ^2 /NDF: 19.9/9

+ sign -0.070 $\pm$ 0.033 χ^2 /NDF: 25.6/14

All: -0.017 $\pm$ 0.024 χ^2 /NDF: 52.8/29

- sign 0.038 $\pm$ 0.034 χ^2 /NDF: 22.0/14

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -41.153 ± 22.044 χ^2/NDF : 20.3/3

Left Out: -0.044 ± 0.037 χ^2/NDF : 7.9/10

Right Out: -0.632 ± 0.114 χ^2/NDF : 103.5/4

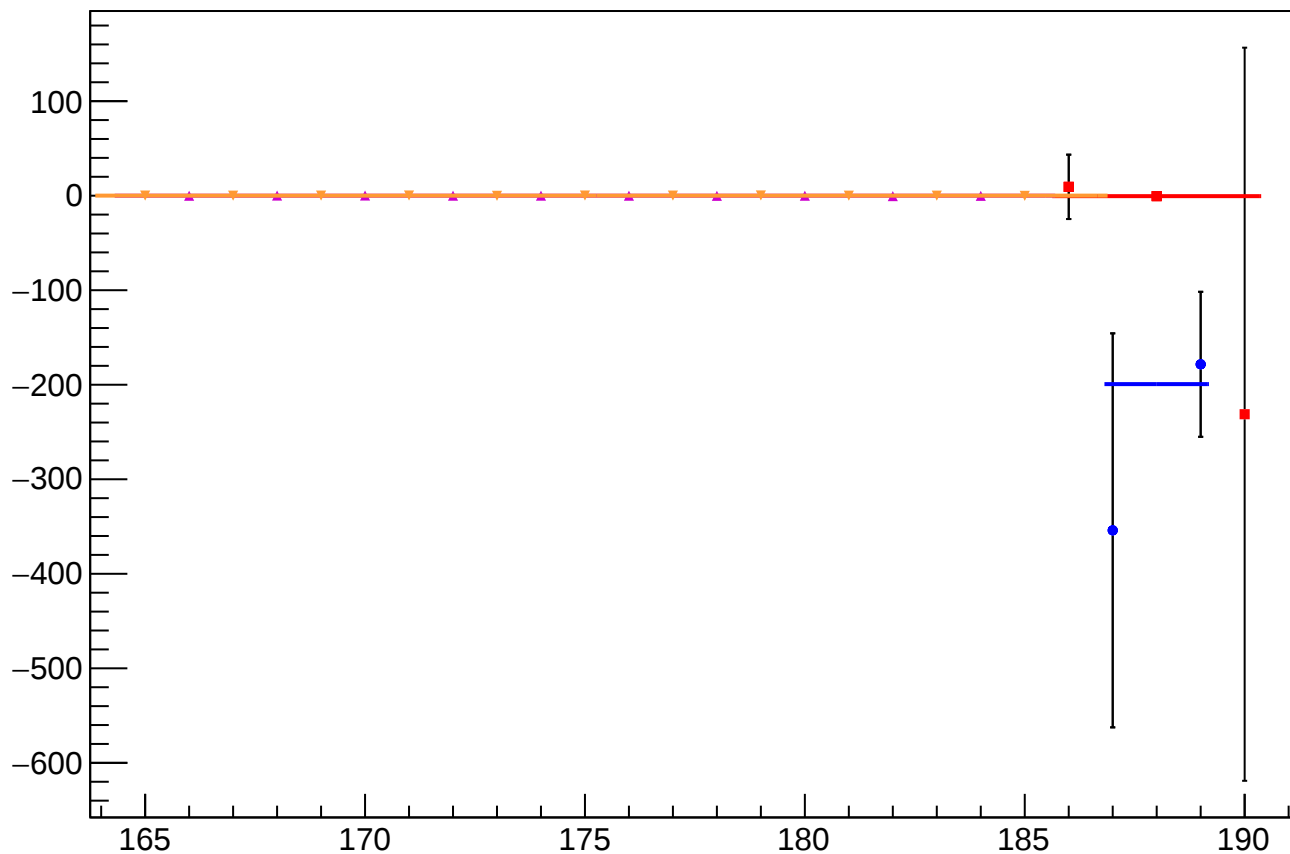
Left In: -0.078 ± 0.038 χ^2/NDF : 13.3/9

+ sign -0.044 ± 0.037 χ^2/NDF : 31.6/14

All: -0.090 ± 0.026 χ^2/NDF : 172.5/29

- sign -0.134 ± 0.036 χ^2/NDF : 137.9/14

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: -199.337 $\pm$ 50.899 χ^2 /NDF: 1.3/3

Left Out: 0.070 $\pm$ 0.036 χ^2 /NDF: 9.8/10

Right Out: -0.491 $\pm$ 0.345 χ^2 /NDF: 0.5/4

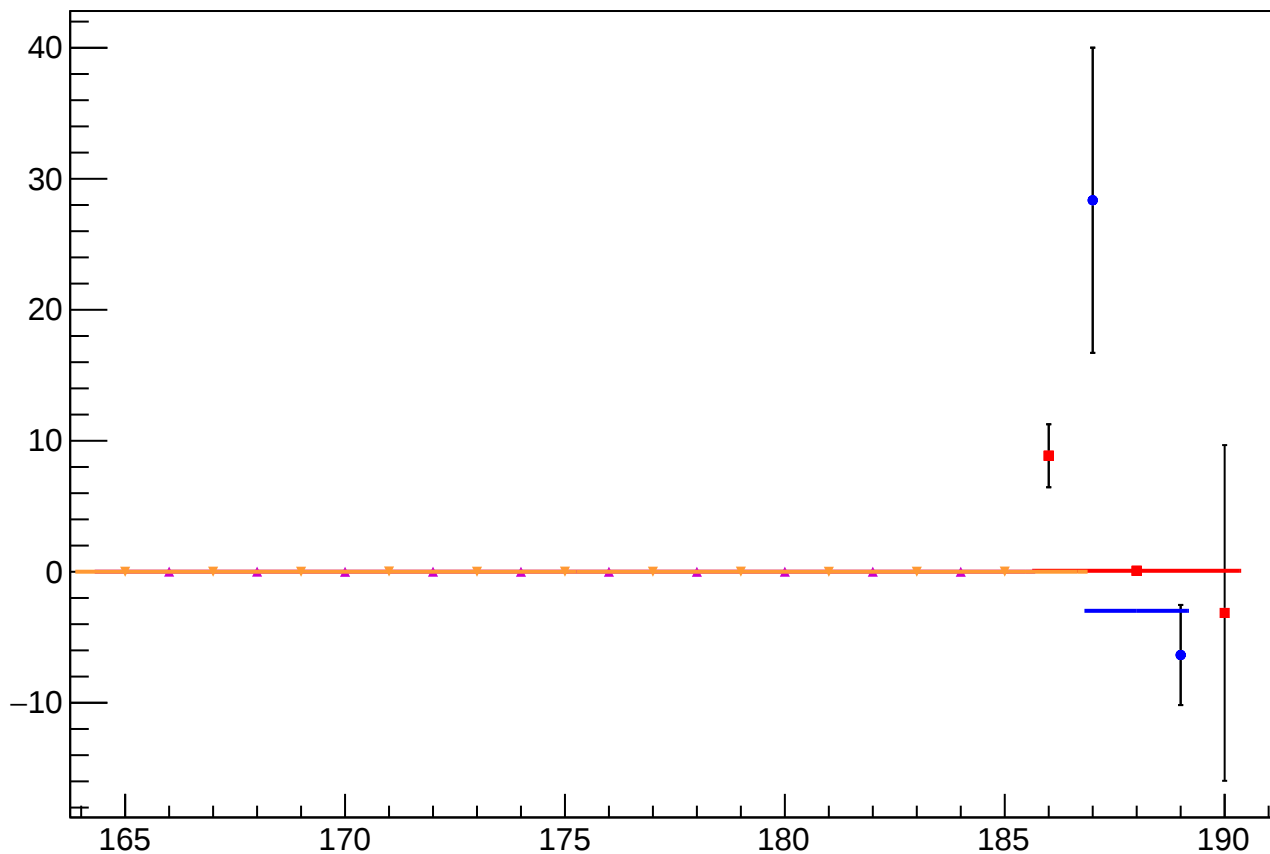
Left In: -0.043 $\pm$ 0.037 χ^2 /NDF: 22.4/9

+ sign 0.070 $\pm$ 0.036 χ^2 /NDF: 26.4/14

All: 0.012 $\pm$ 0.026 χ^2 /NDF: 56.4/29

- sign -0.048 $\pm$ 0.037 χ^2 /NDF: 24.6/14

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: -2.980 ± 2.568 $\chi^2/\text{NDF}: 16.0/3$

Left Out: 0.006 ± 0.002 $\chi^2/\text{NDF}: 15.1/10$

Right Out: 0.076 ± 0.017 $\chi^2/\text{NDF}: 26.7/4$

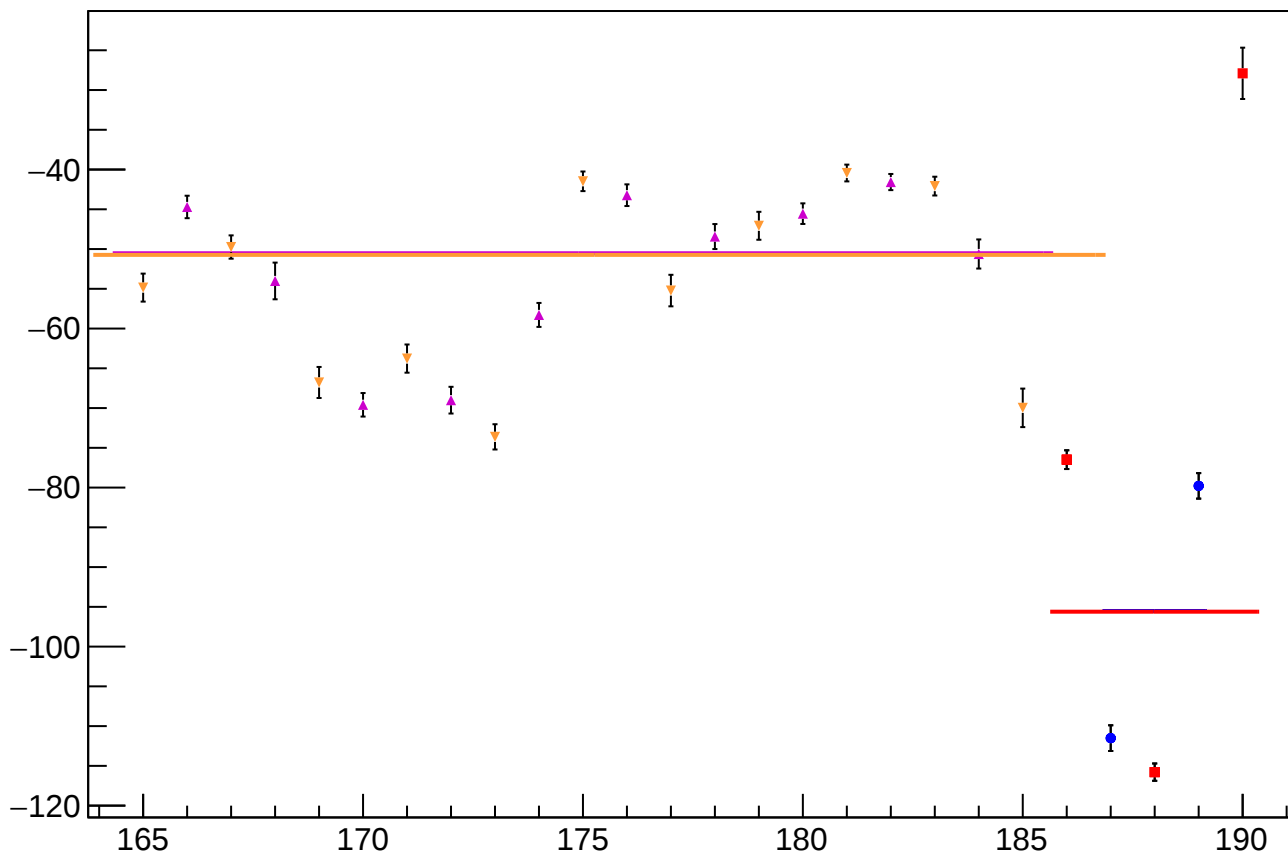
Left In: 0.007 ± 0.002 $\chi^2/\text{NDF}: 6.7/9$

+ sign 0.006 ± 0.002 $\chi^2/\text{NDF}: 32.4/14$

All: 0.007 ± 0.001 $\chi^2/\text{NDF}: 83.6/29$

- sign 0.008 ± 0.002 $\chi^2/\text{NDF}: 50.6/14$

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -95.522 ± 0.806 $\chi^2/\text{NDF}: 387.8/3$

Left Out: -50.733 ± 0.457 $\chi^2/\text{NDF}: 613.0/10$

Right Out: -95.609 ± 0.557 $\chi^2/\text{NDF}: 1653.3/4$

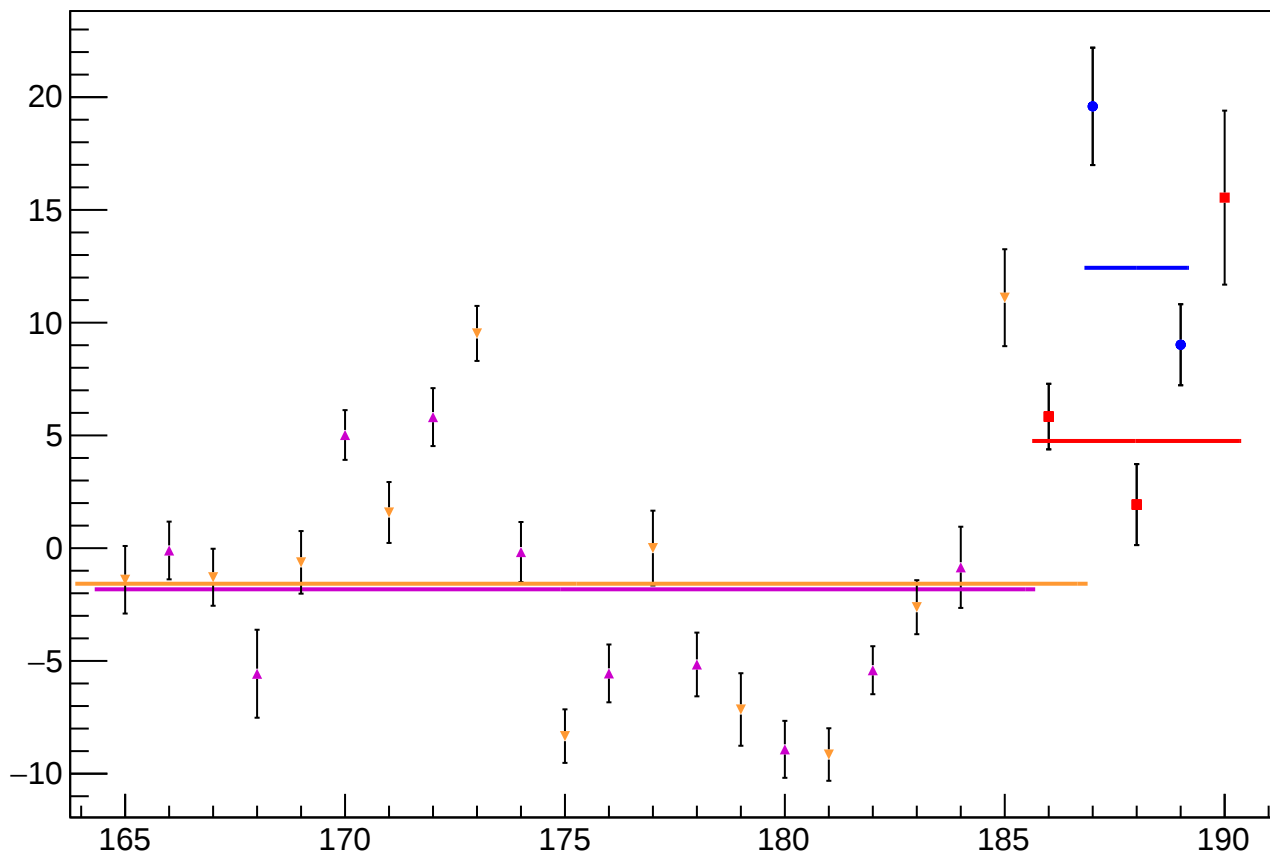
Left In: -50.529 ± 0.459 $\chi^2/\text{NDF}: 455.7/9$

+ sign -61.641 ± 0.398 $\chi^2/\text{NDF}: 3339.5/14$

All: -65.608 ± 0.264 $\chi^2/\text{NDF}: 9527.9/29$

- sign -68.757 ± 0.354 $\chi^2/\text{NDF}: 6009.7/14$

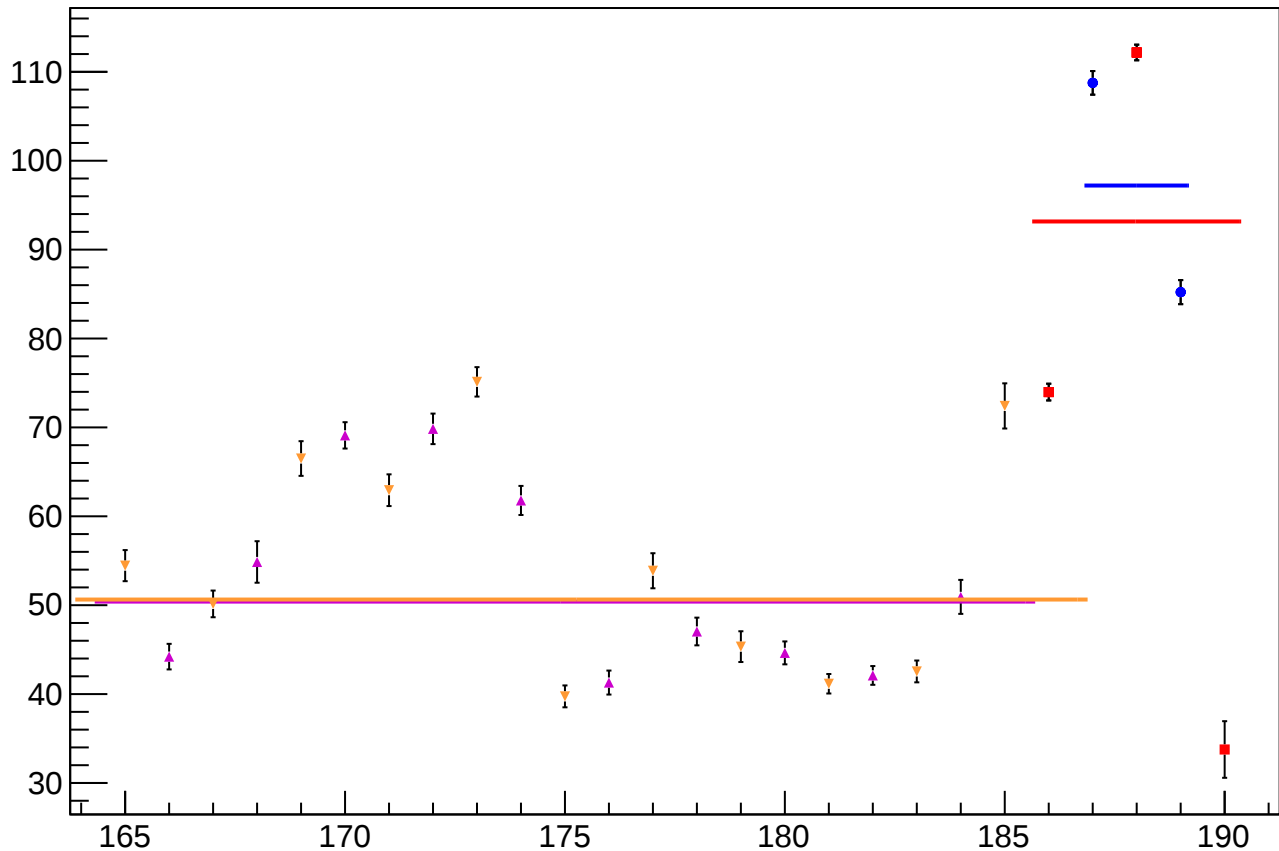
reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 12.433 ± 1.046 χ^2/NDF : 22.3/3
 Left Out: -1.577 ± 0.411 χ^2/NDF : 212.0/10
 Right Out: 4.754 ± 0.782 χ^2/NDF : 13.9/4
 Left In: -1.824 ± 0.415 χ^2/NDF : 138.1/9

+ sign 0.298 ± 0.382 χ^2/NDF : 389.8/14
 All: -0.053 ± 0.265 χ^2/NDF : 598.6/29
 - sign -0.377 ± 0.367 χ^2/NDF : 207.1/14

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 97.209+/-0.671 χ^2 /NDF: 308.0/3

Left Out: 50.635+/-0.465 χ^2 /NDF:619.4/10

Right Out: 93.166+/-0.450 χ^2 /NDF: 2116.1/4

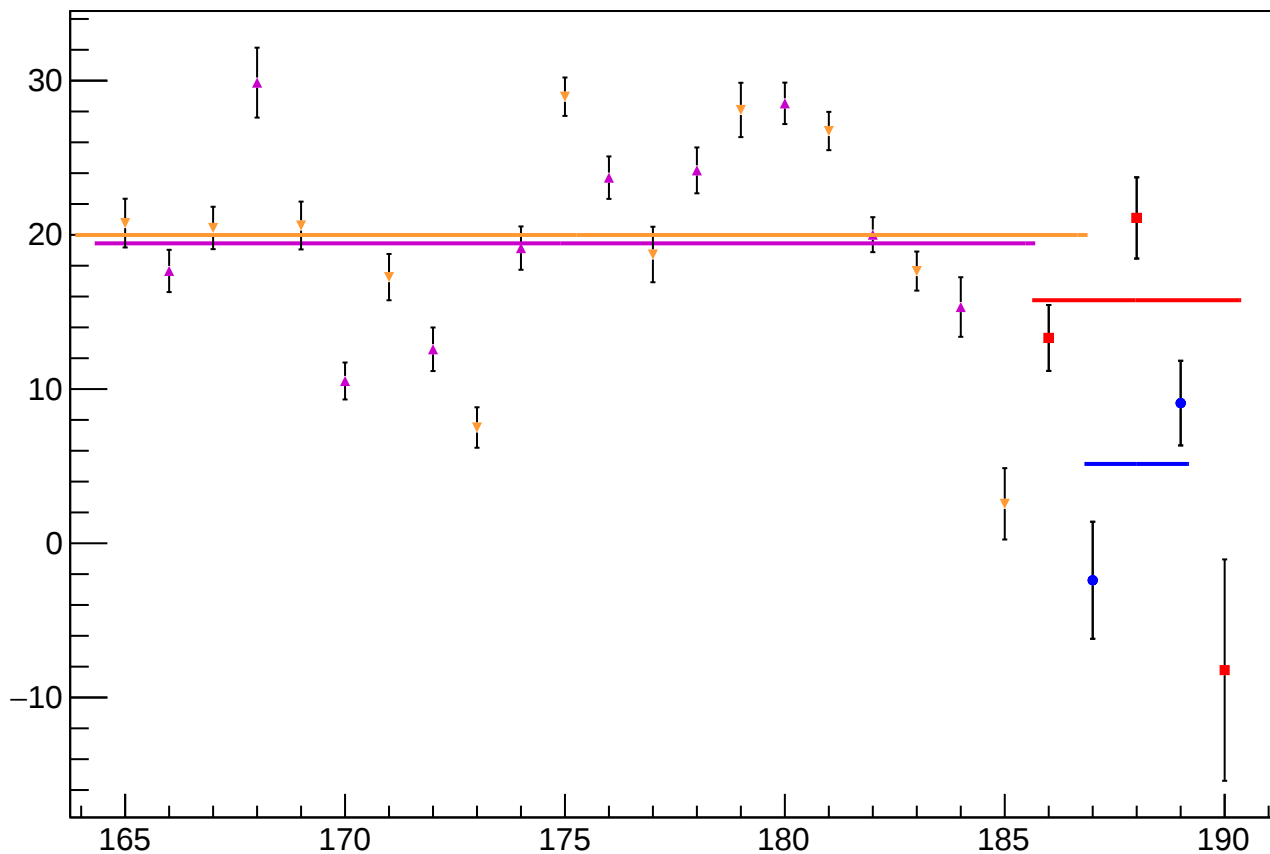
Left In: 50.404+/-0.468 χ^2 /NDF:490.4/9

+ sign 65.781+/-0.382 χ^2 /NDF: 4182.7/14

All: 69.766+/-0.247 χ^2 /NDF: 11321.1/29

- sign 72.630+/-0.324 χ^2 /NDF: 6951.7/14

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 5.145 $\pm$ 1.572 χ^2/NDF : 12.0/3

Left Out: 19.992 $\pm$ 0.443 χ^2/NDF : 257.5/10

Right Out: 15.761 $\pm$ 1.158 χ^2/NDF : 22.0/4

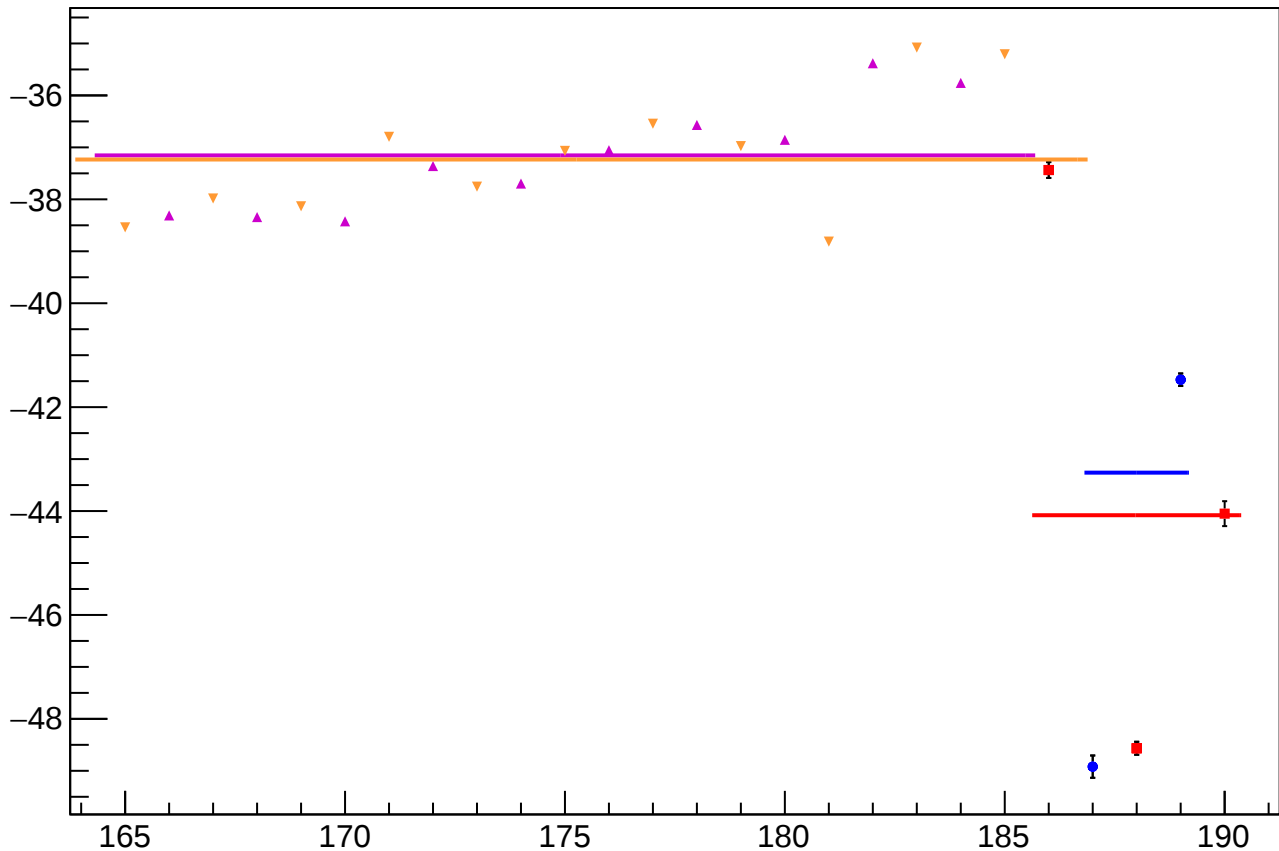
Left In: 19.450 $\pm$ 0.447 χ^2/NDF : 172.2/9

+ sign 18.902 $\pm$ 0.426 χ^2/NDF : 352.1/14

All: 18.937 $\pm$ 0.298 χ^2/NDF : 555.2/29

- sign 18.972 $\pm$ 0.417 χ^2/NDF : 203.0/14

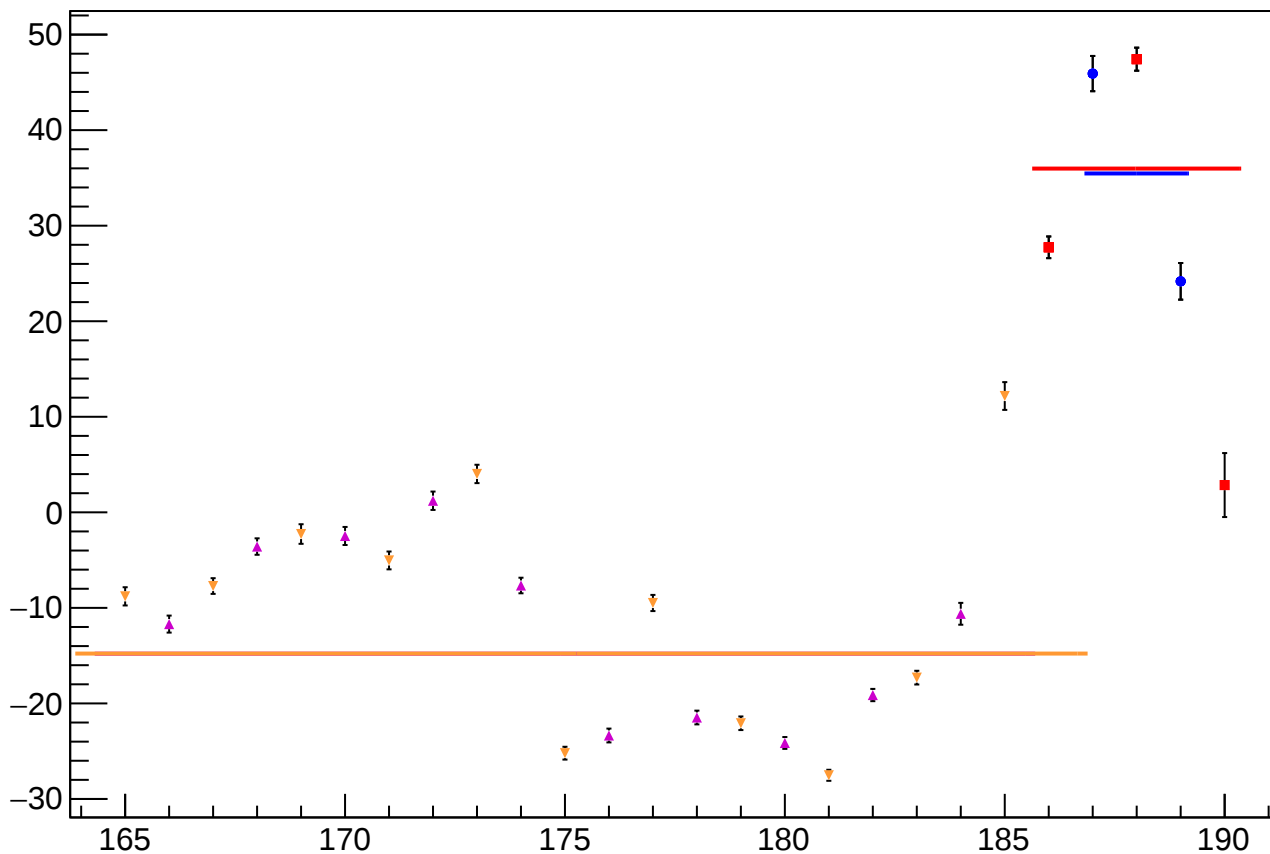
reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -43.261 ± 0.074 $\chi^2/\text{NDF}: 1828.8/3$
 Left Out: -37.234 ± 0.020 $\chi^2/\text{NDF}: 3583.3/10$
 Right Out: -44.080 ± 0.066 $\chi^2/\text{NDF}: 6379.7/4$
 Left In: -37.155 ± 0.020 $\chi^2/\text{NDF}: 2694.1/9$

+ sign -37.637 ± 0.019 $\chi^2/\text{NDF}: 11537.7/14$
 All: -37.691 ± 0.014 $\chi^2/\text{NDF}: 30781.6/29$
 - sign -37.746 ± 0.019 $\chi^2/\text{NDF}: 19227.8/14$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 35.466 $\pm$ 0.940 χ^2 /NDF: 133.5/3

Left Out: -14.783 $\pm$ 0.244 χ^2 /NDF: 1982.9/10

Right Out: 35.977 $\pm$ 0.576 χ^2 /NDF: 383.7/4

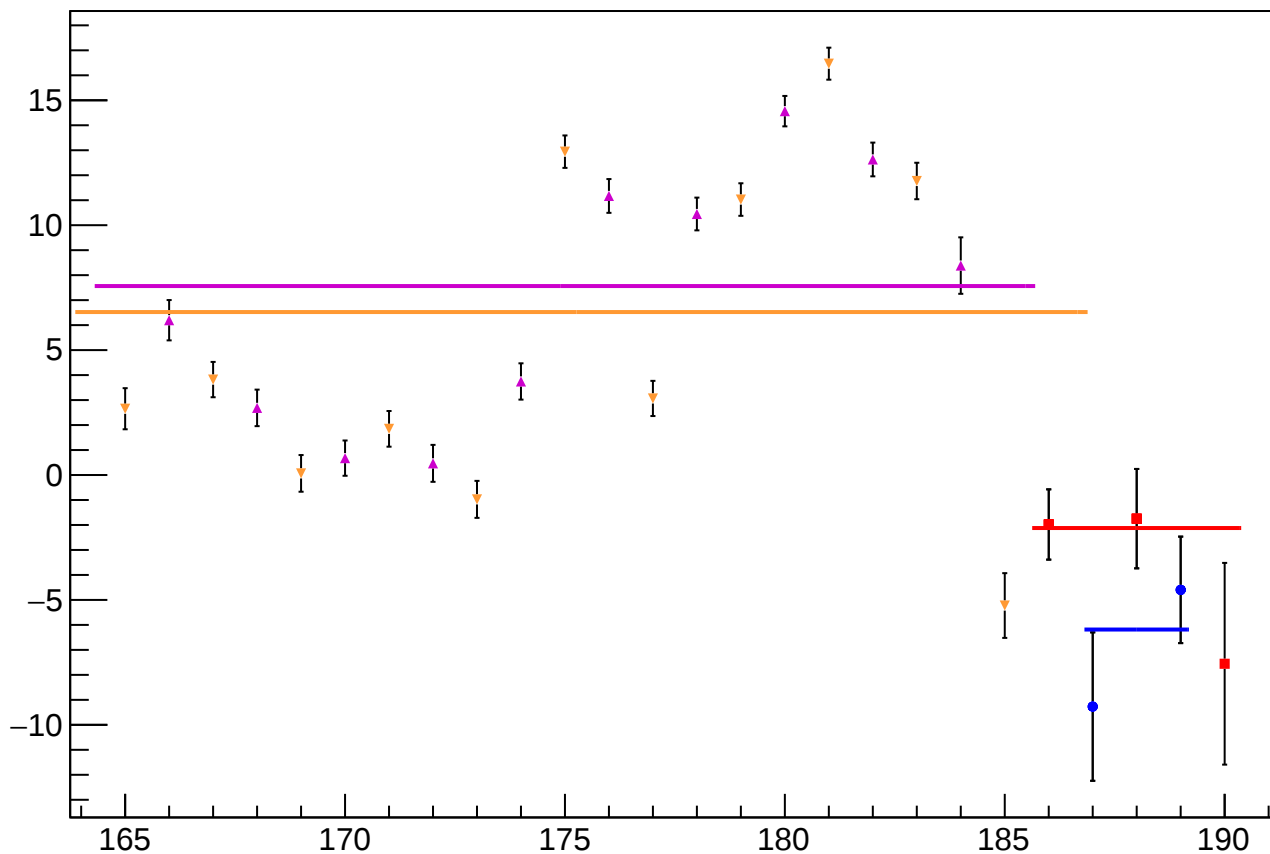
Left In: -14.796 $\pm$ 0.250 χ^2 /NDF: 1217.4/9

+ sign -11.605 $\pm$ 0.236 χ^2 /NDF: 4793.0/14

All: -9.089 $\pm$ 0.165 χ^2 /NDF: 13157.5/29

- sign -6.716 $\pm$ 0.230 χ^2 /NDF: 8144.3/14

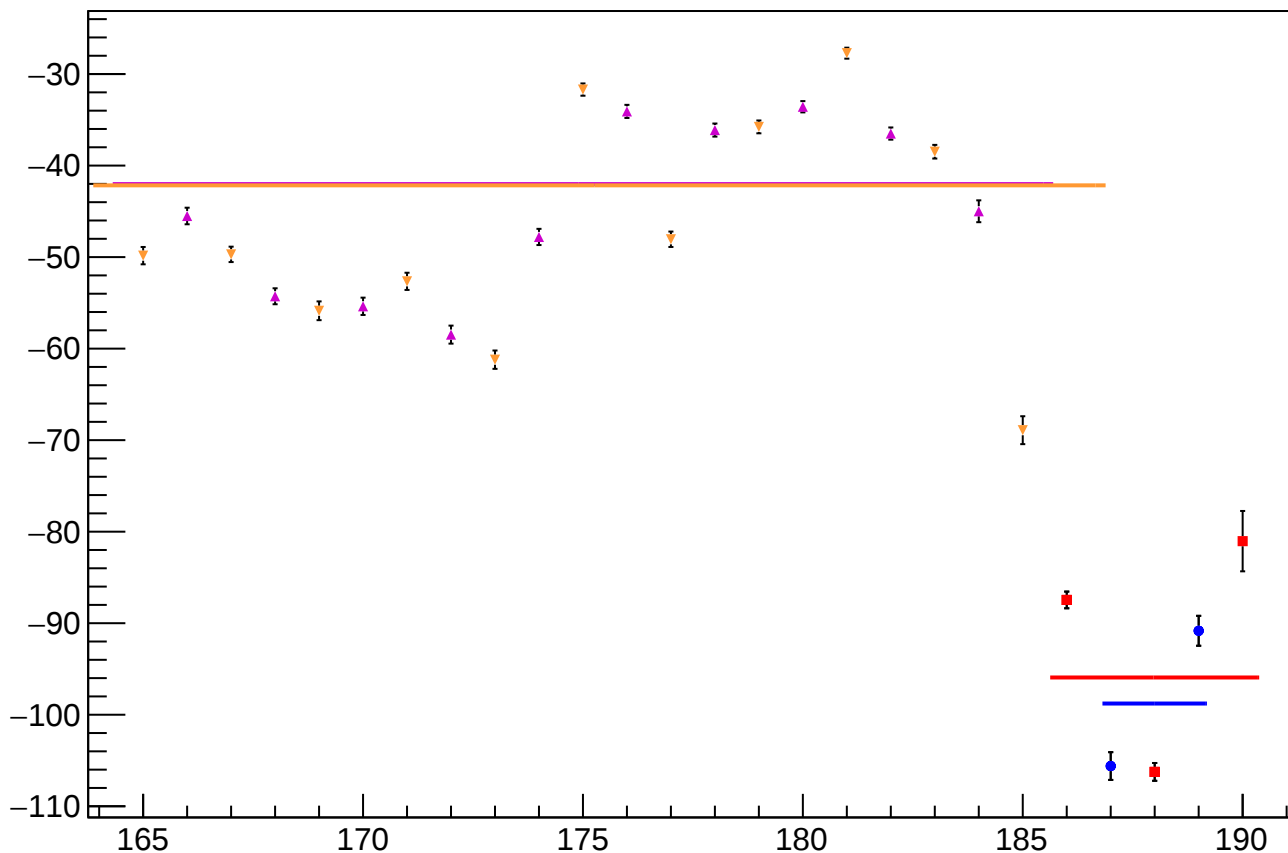
reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: -6.185+/-1.225 χ^2/NDF : 3.3/3
 Left Out: 6.524+/-0.219 χ^2/NDF :803.9/10
 Right Out: -2.122+/-0.796 χ^2/NDF : 1.9/4
 Left In: 7.564+/-0.227 χ^2/NDF :499.2/9

+ sign 6.128+/-0.216 χ^2/NDF : 911.5/14
 All: 6.476+/-0.154 χ^2/NDF : 1554.8/29
 - sign 6.833+/-0.219 χ^2/NDF : 638.0/14

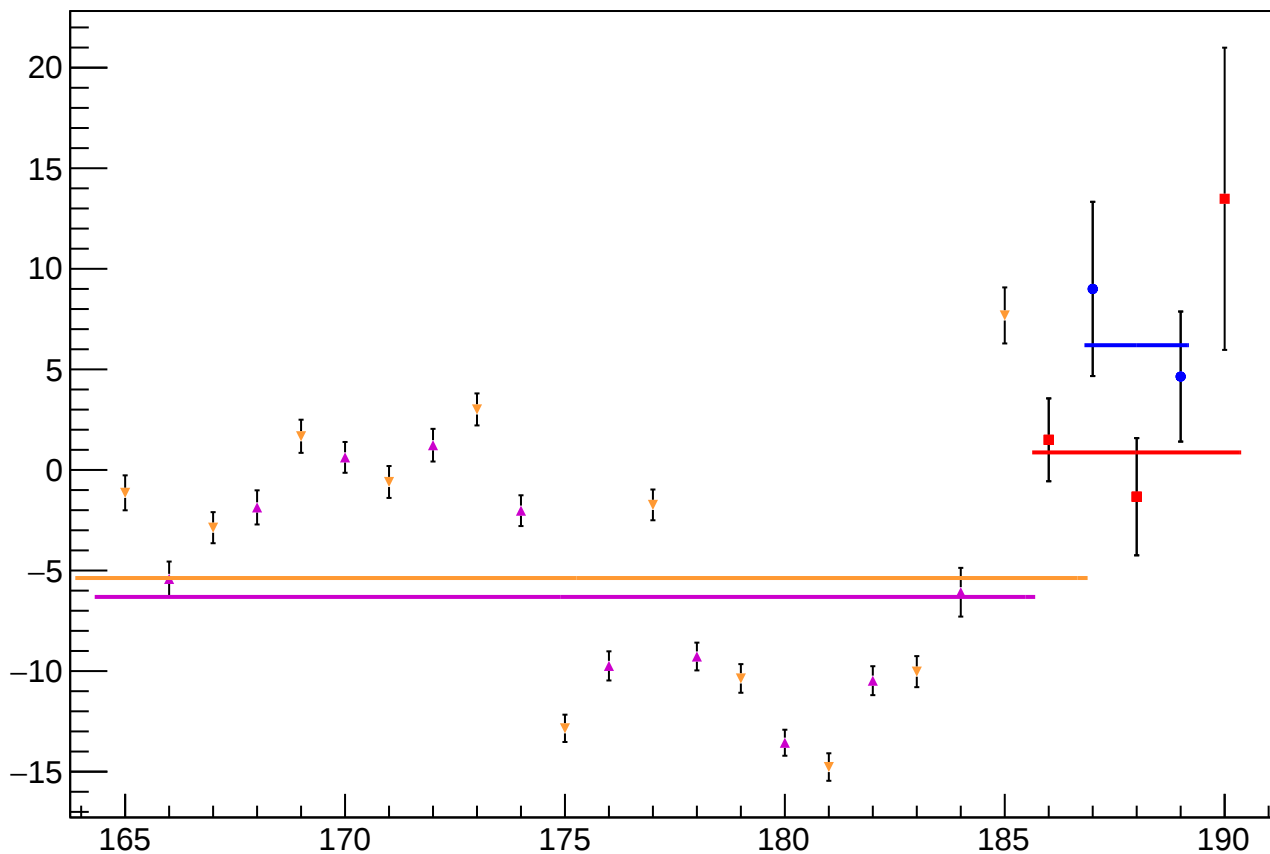
reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -98.777 ± 0.786 $\chi^2/\text{NDF}: 87.9/3$
 Left Out: -42.160 ± 0.248 $\chi^2/\text{NDF}: 2098.0/10$
 Right Out: -95.931 ± 0.466 $\chi^2/\text{NDF}: 418.1/4$
 Left In: -42.024 ± 0.254 $\chi^2/\text{NDF}: 1187.7/9$

+ sign -47.281 ± 0.236 $\chi^2/\text{NDF}: 6905.2/14$
 All: -51.052 ± 0.162 $\chi^2/\text{NDF}: 19317.9/29$
 - sign -54.415 ± 0.223 $\chi^2/\text{NDF}: 11931.1/14$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 6.202 ± 1.832 $\chi^2/\text{NDF}: 1.3/3$

Left Out: -5.373 ± 0.237 $\chi^2/\text{NDF}: 760.2/10$

Right Out: 0.871 ± 1.175 $\chi^2/\text{NDF}: 4.1/4$

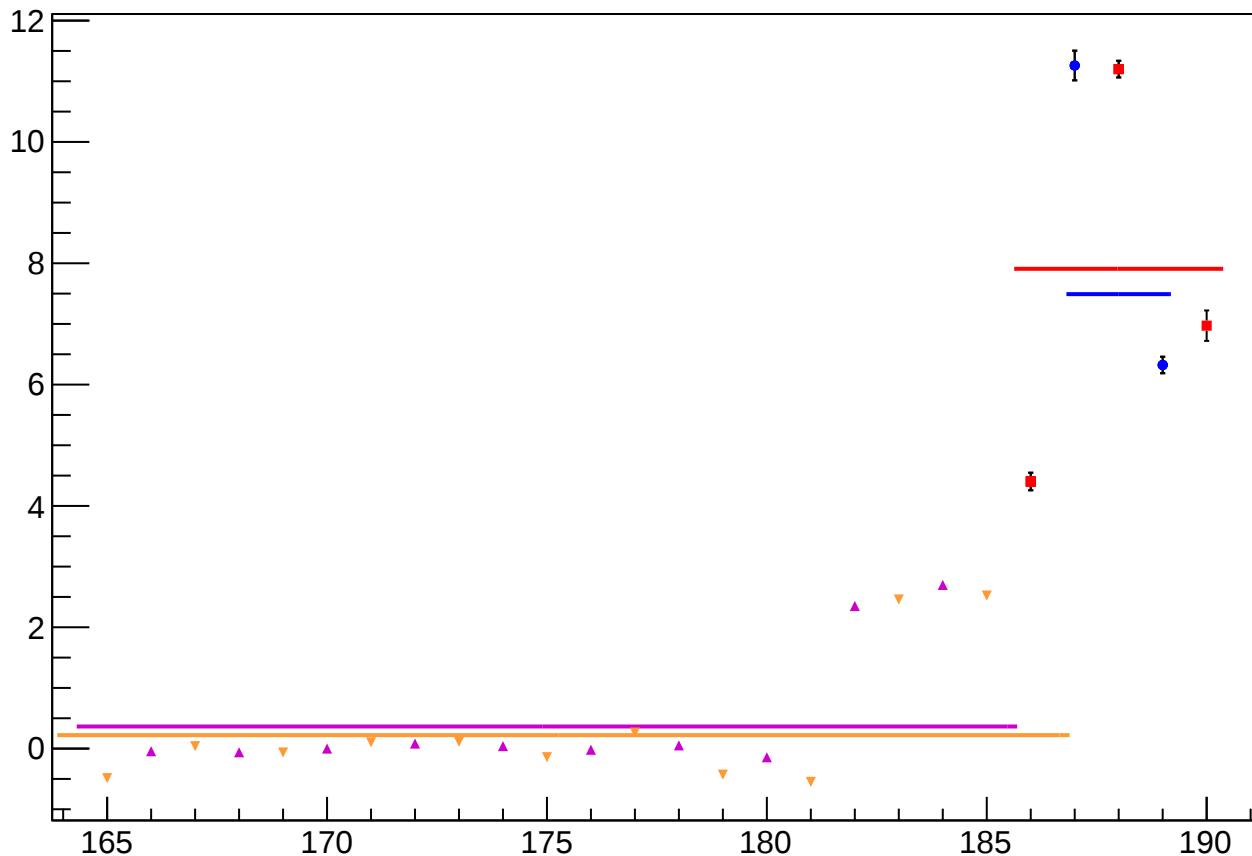
Left In: -6.313 ± 0.245 $\chi^2/\text{NDF}: 428.2/9$

+ sign -5.183 ± 0.235 $\chi^2/\text{NDF}: 800.8/14$

All: -5.589 ± 0.168 $\chi^2/\text{NDF}: 1275.1/29$

- sign -6.013 ± 0.240 $\chi^2/\text{NDF}: 468.2/14$

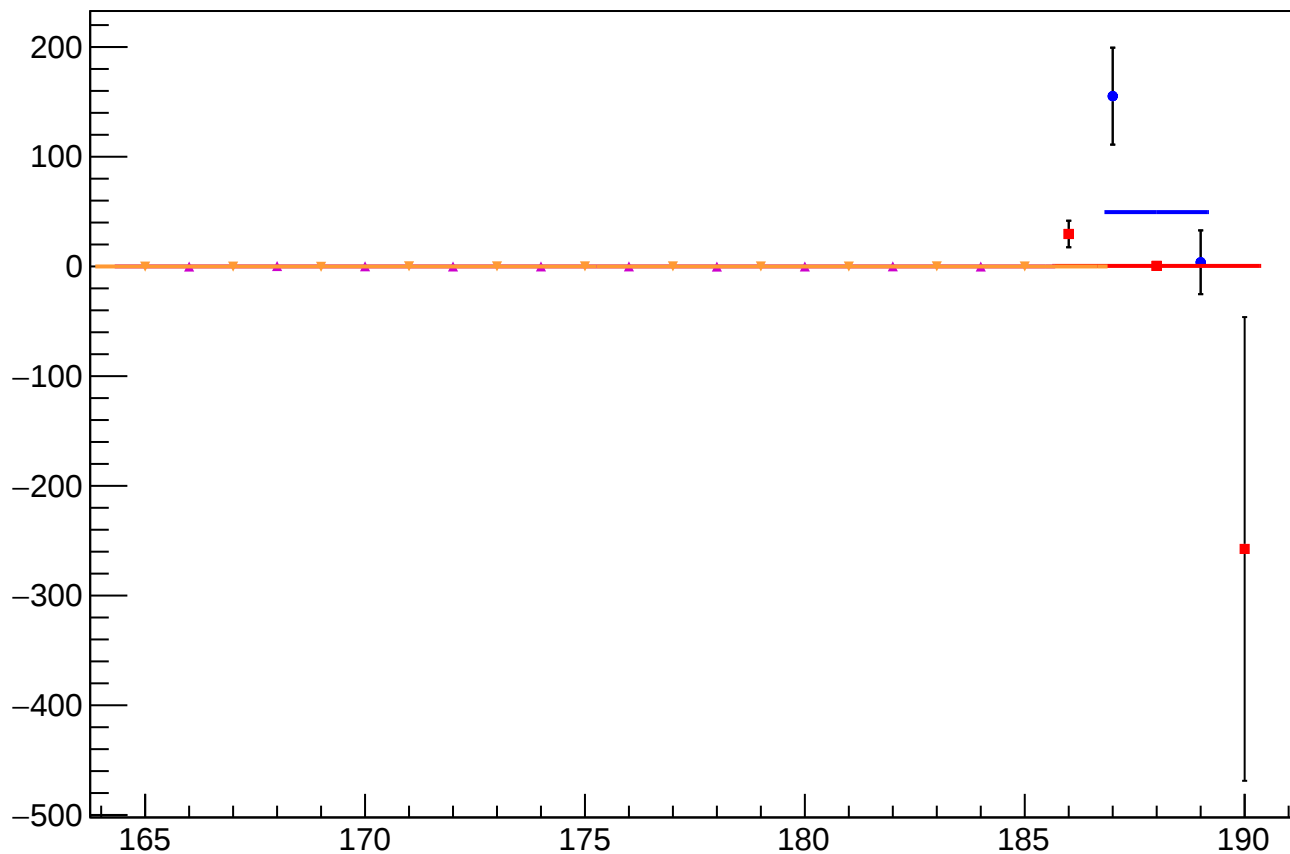
reg_asym_us_dd_diff_bpm12X_slope vs Slug



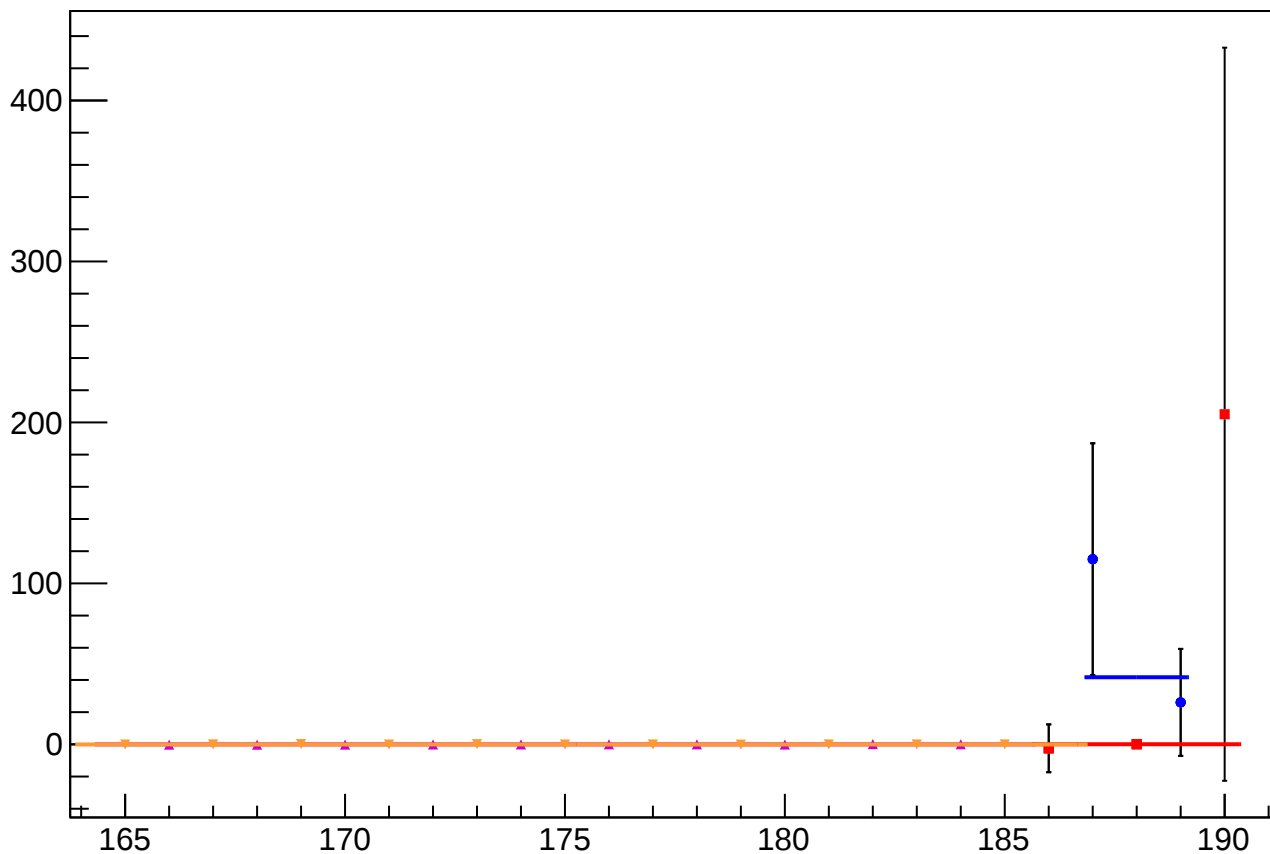
Right In: 7.491 $\pm$ 0.084 χ^2/NDF : 622.0/3
 Left Out: 0.222 $\pm$ 0.011 χ^2/NDF : 7664.7/10
 Right Out: 7.909 $\pm$ 0.068 χ^2/NDF : 2329.4/4
 Left In: 0.364 $\pm$ 0.011 χ^2/NDF : 6754.7/9

+ sign 0.335 $\pm$ 0.010 χ^2/NDF : 15638.6/14
 All: 0.441 $\pm$ 0.007 χ^2/NDF : 36964.0/29
 - sign 0.552 $\pm$ 0.011 χ^2/NDF : 21115.2/14

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 41.688 ± 21.337 χ^2/NDF : 2.5/3

Left Out: -0.065 ± 0.022 χ^2/NDF : 15.2/10

Right Out: 0.067 ± 0.150 χ^2/NDF : 0.9/4

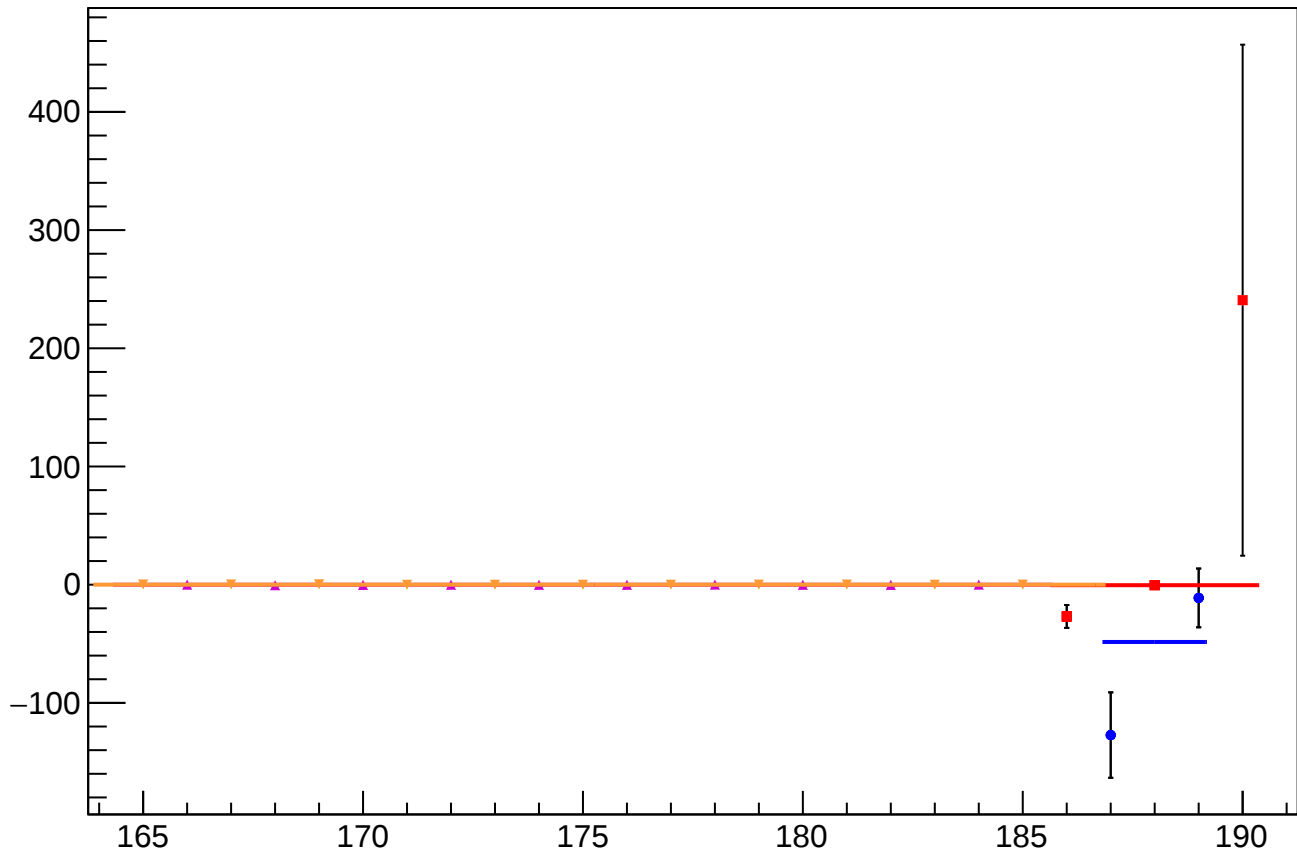
Left In: -0.023 ± 0.023 χ^2/NDF : 21.3/9

+ sign -0.065 ± 0.022 χ^2/NDF : 21.5/14

All: -0.043 ± 0.016 χ^2/NDF : 45.9/29

- sign -0.021 ± 0.023 χ^2/NDF : 22.5/14

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -48.459 ± 14.482 $\chi^2/\text{NDF}: 14.0/3$

Left Out: 0.025 ± 0.025 $\chi^2/\text{NDF}: 15.5/10$

Right Out: -0.420 ± 0.073 $\chi^2/\text{NDF}: 16.1/4$

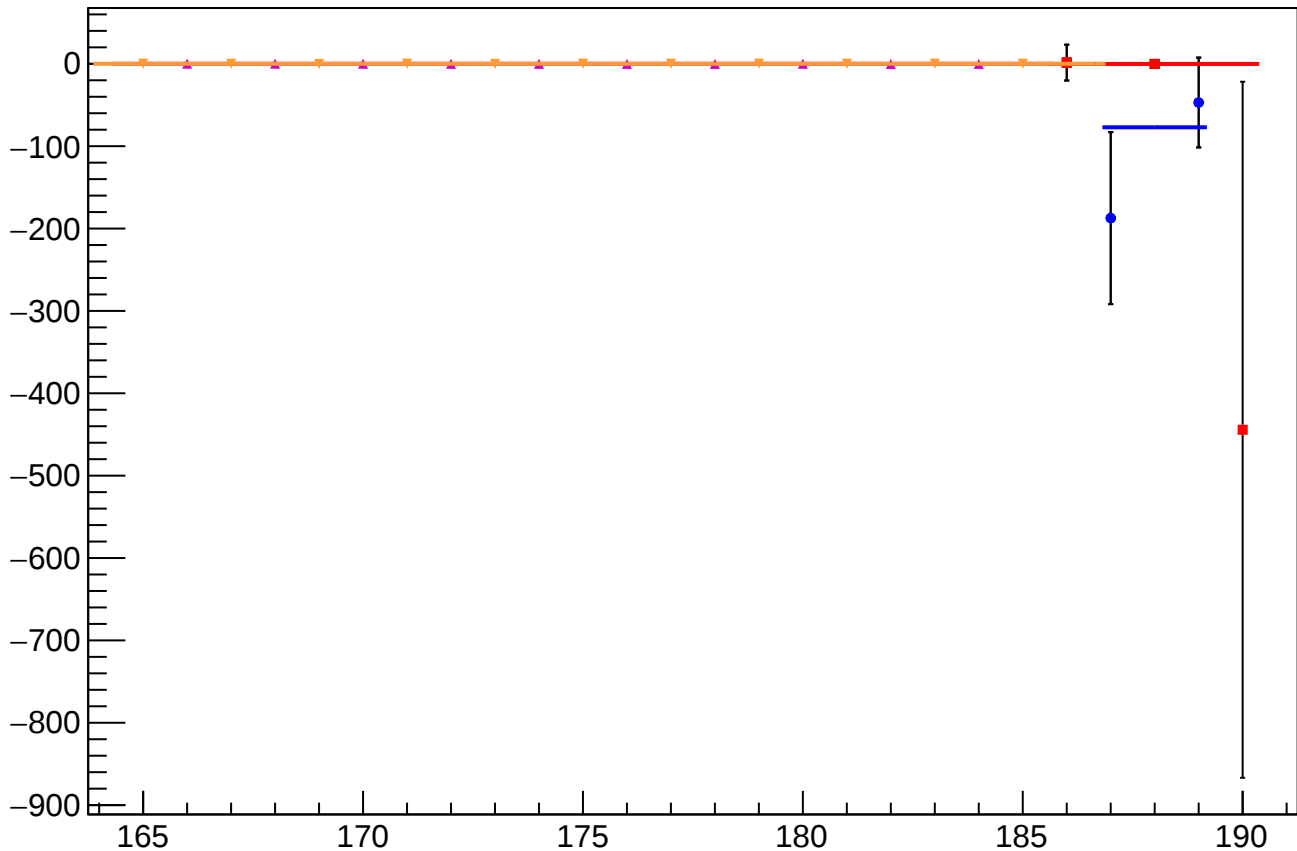
Left In: -0.062 ± 0.026 $\chi^2/\text{NDF}: 18.6/9$

+ sign 0.025 ± 0.025 $\chi^2/\text{NDF}: 40.7/14$

All: -0.040 ± 0.017 $\chi^2/\text{NDF}: 110.0/29$

- sign -0.102 ± 0.024 $\chi^2/\text{NDF}: 56.3/14$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -77.075 ± 34.185 $\chi^2/\text{NDF}: 2.8/3$

Left Out: 0.073 ± 0.024 $\chi^2/\text{NDF}: 15.8/10$

Right Out: -0.158 ± 0.220 $\chi^2/\text{NDF}: 1.1/4$

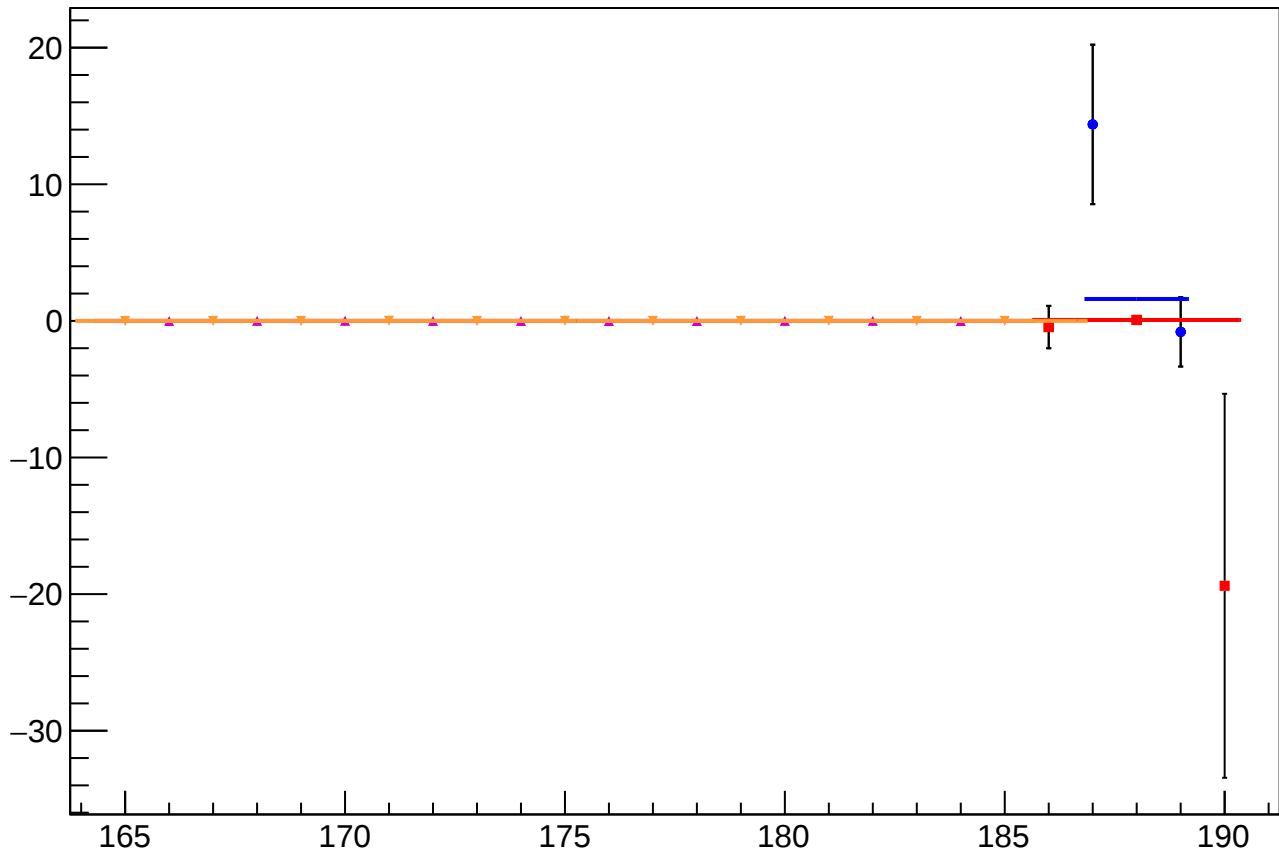
Left In: 0.021 ± 0.025 $\chi^2/\text{NDF}: 24.2/9$

+ sign 0.073 ± 0.024 $\chi^2/\text{NDF}: 23.7/14$

All: 0.047 ± 0.017 $\chi^2/\text{NDF}: 52.1/29$

- sign 0.019 ± 0.025 $\chi^2/\text{NDF}: 25.9/14$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 1.603+/-1.644 χ^2/NDF : 11.4/3

Left Out: -0.001+/-0.001 χ^2/NDF : 13.1/10

Right Out: 0.067+/-0.011 χ^2/NDF : 2.1/4

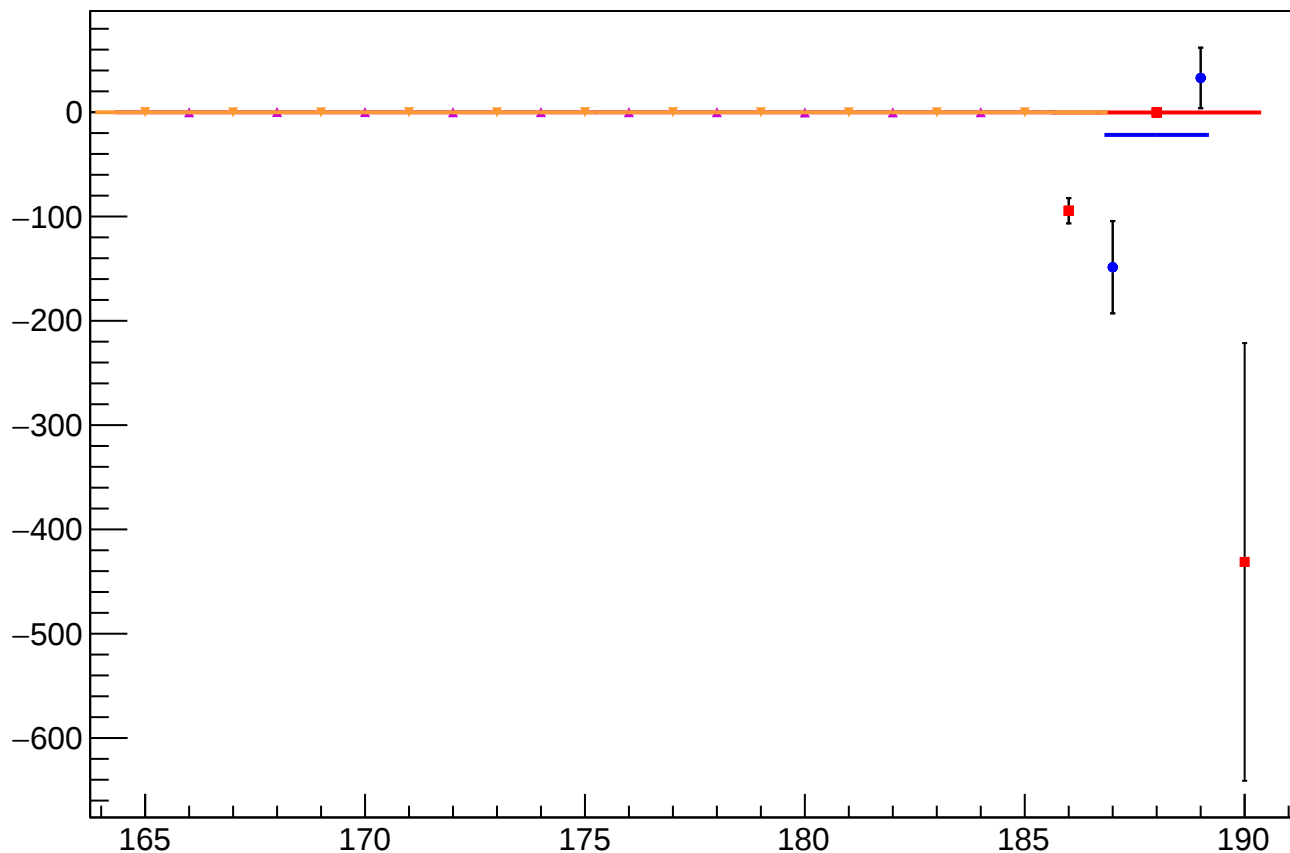
Left In: 0.000+/-0.001 χ^2/NDF : 15.0/9

+ sign -0.001+/-0.001 χ^2/NDF : 25.4/14

All: 0.000+/-0.001 χ^2/NDF : 83.8/29

- sign 0.001+/-0.001 χ^2/NDF : 56.9/14

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -21.759 ± 17.152 $\chi^2/\text{NDF}: 23.6/3$

Left Out: -0.082 ± 0.025 $\chi^2/\text{NDF}: 11.1/10$

Right Out: -0.267 ± 0.090 $\chi^2/\text{NDF}: 125.5/4$

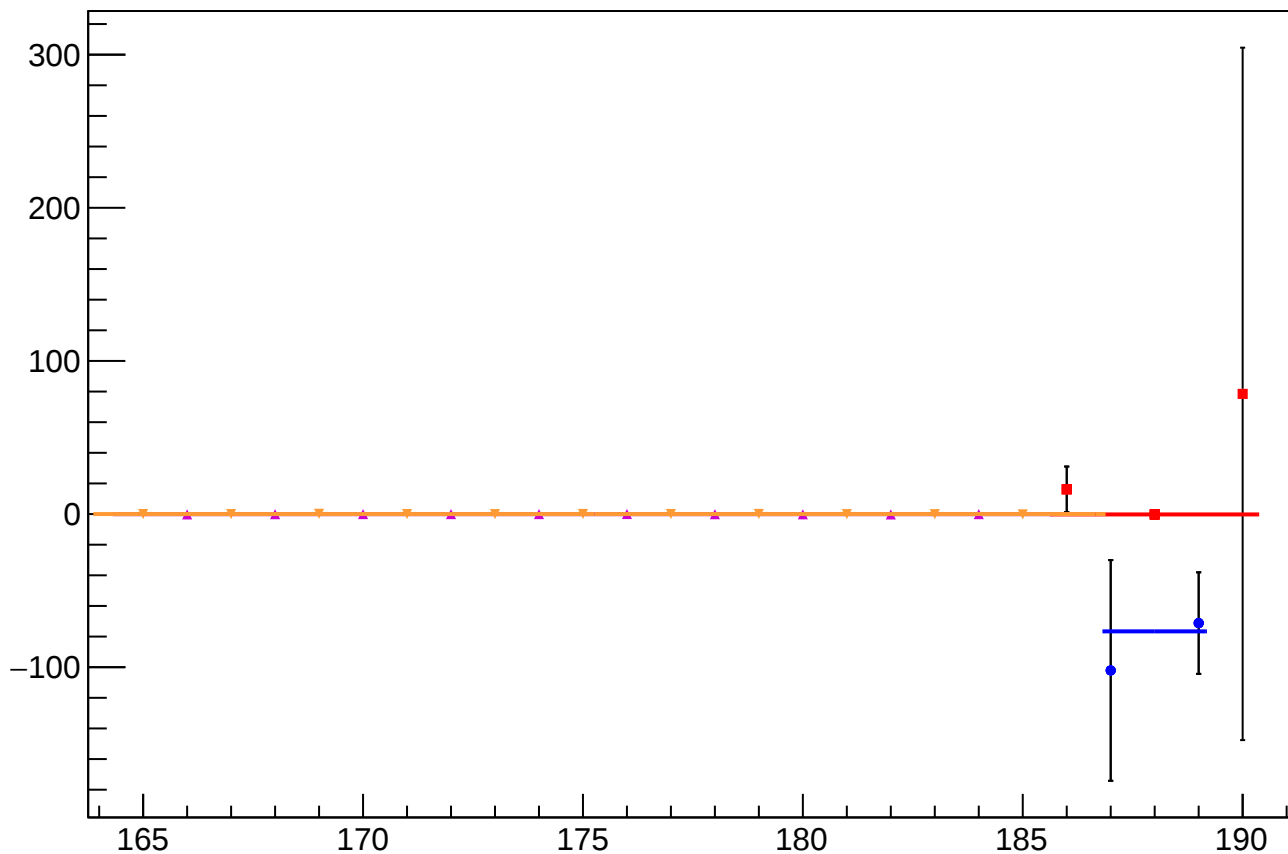
Left In: -0.005 ± 0.025 $\chi^2/\text{NDF}: 23.2/9$

+ sign -0.082 ± 0.025 $\chi^2/\text{NDF}: 36.2/14$

All: -0.053 ± 0.017 $\chi^2/\text{NDF}: 195.4/29$

- sign -0.025 ± 0.025 $\chi^2/\text{NDF}: 156.5/14$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -76.608 ± 21.305 $\chi^2/\text{NDF}: 0.3/3$

Left Out: 0.006 ± 0.022 $\chi^2/\text{NDF}: 9.3/10$

Right Out: -0.239 ± 0.150 $\chi^2/\text{NDF}: 2.6/4$

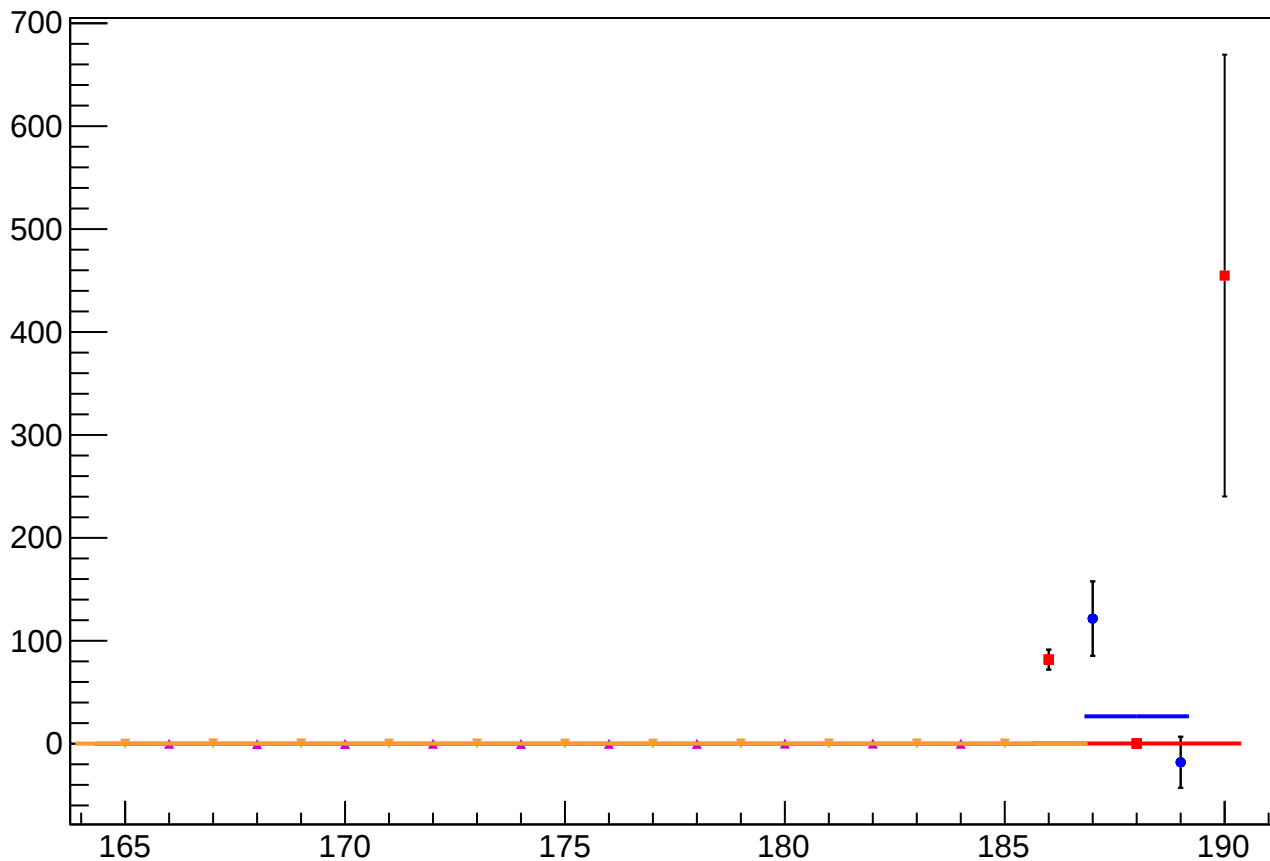
Left In: -0.081 ± 0.023 $\chi^2/\text{NDF}: 15.3/9$

+ sign 0.006 ± 0.022 $\chi^2/\text{NDF}: 22.5/14$

All: -0.038 ± 0.016 $\chi^2/\text{NDF}: 49.3/29$

- sign -0.085 ± 0.023 $\chi^2/\text{NDF}: 19.0/14$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 26.616 ± 14.463 χ^2/NDF : 20.3/3

Left Out: 0.078 ± 0.025 χ^2/NDF : 10.9/10

Right Out: 0.220 ± 0.073 χ^2/NDF : 145.7/4

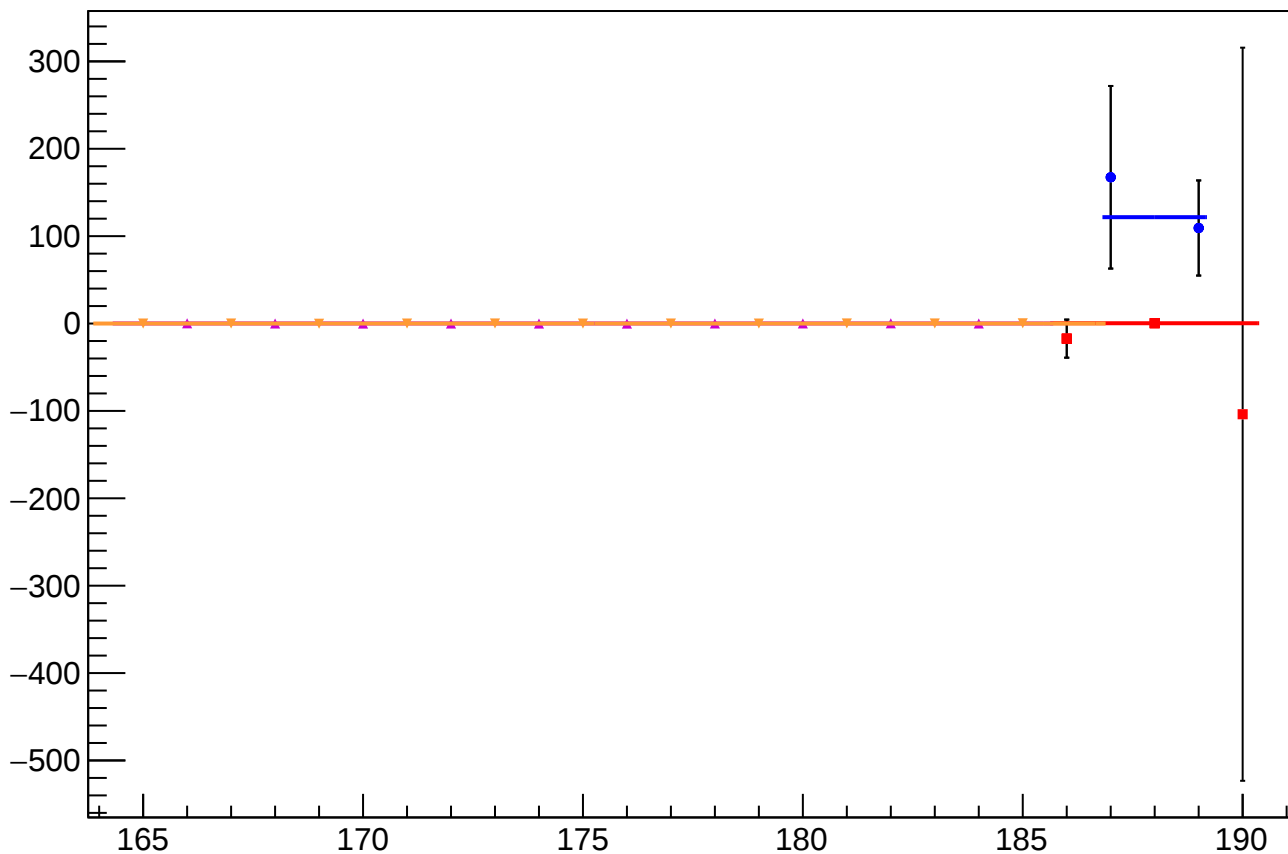
Left In: 0.016 ± 0.026 χ^2/NDF : 23.3/9

+ sign 0.078 ± 0.025 χ^2/NDF : 34.5/14

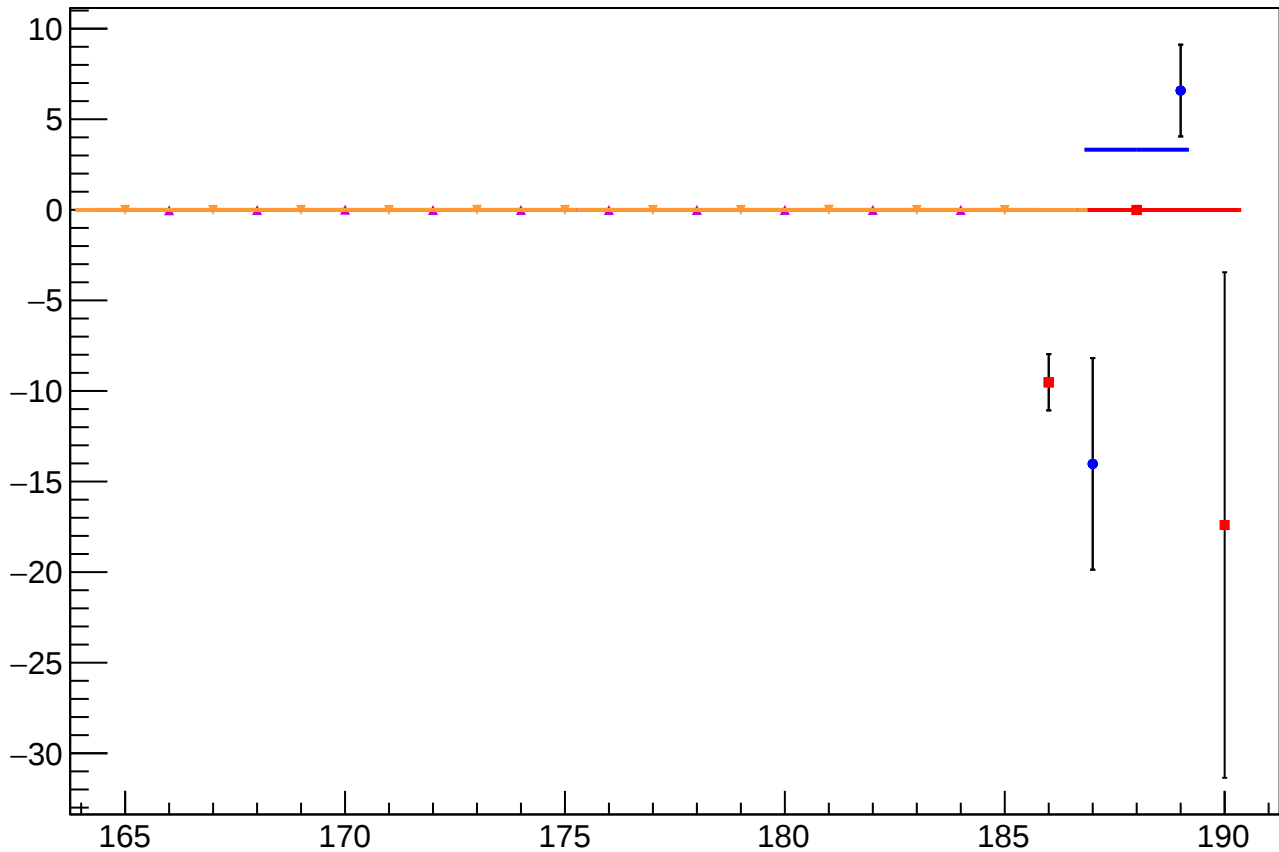
All: 0.058 ± 0.017 χ^2/NDF : 211.7/29

- sign 0.039 ± 0.024 χ^2/NDF : 175.9/14

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 3.320 $\pm$ 1.644 χ^2 /NDF: 21.0/3

Left Out: -0.007 $\pm$ 0.001 χ^2 /NDF: 20.7/10

Right Out: -0.010 $\pm$ 0.011 χ^2 /NDF: 76.7/4

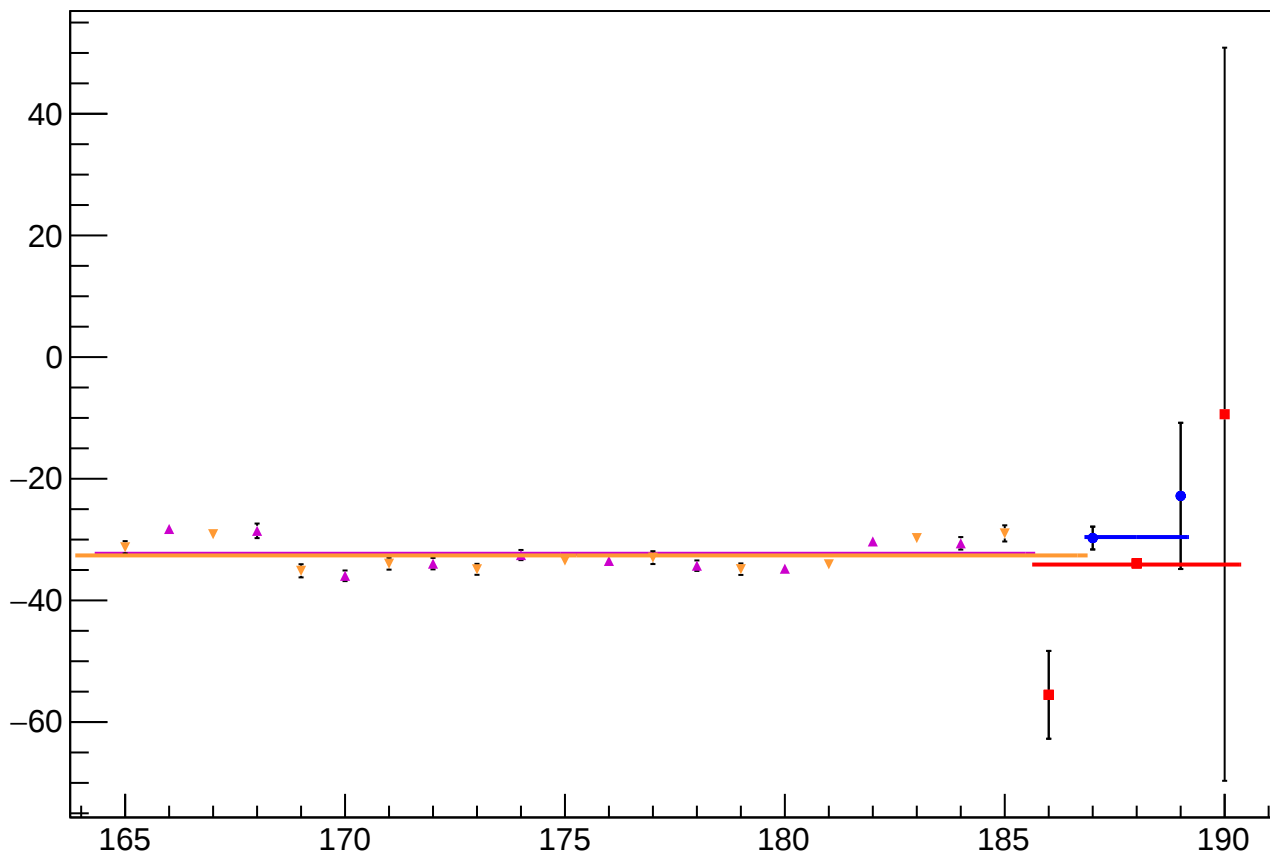
Left In: -0.006 $\pm$ 0.001 χ^2 /NDF: 20.5/9

+ sign -0.007 $\pm$ 0.001 χ^2 /NDF: 45.8/14

All: -0.007 $\pm$ 0.001 χ^2 /NDF: 143.4/29

- sign -0.006 $\pm$ 0.001 χ^2 /NDF: 97.3/14

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -29.583 ± 1.310 χ^2/NDF : 0.6/3

Left Out: -32.605 ± 0.256 χ^2/NDF : 72.5/10

Right Out: -34.104 ± 0.486 χ^2/NDF : 17.9/4

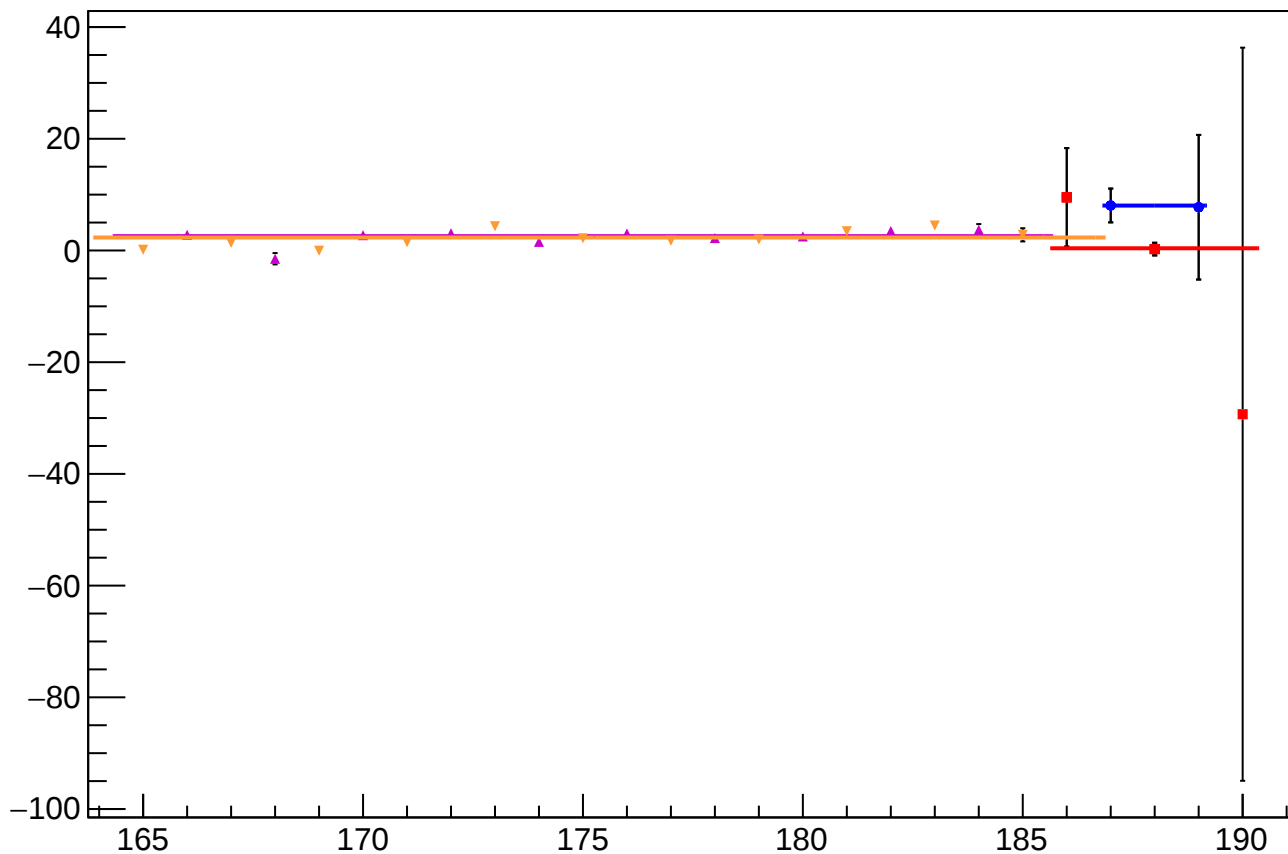
Left In: -32.333 ± 0.258 χ^2/NDF : 88.7/9

+ sign -32.494 ± 0.251 χ^2/NDF : 78.2/14

All: -32.619 ± 0.169 χ^2/NDF : 195.7/29

- sign -32.723 ± 0.228 χ^2/NDF : 117.0/14

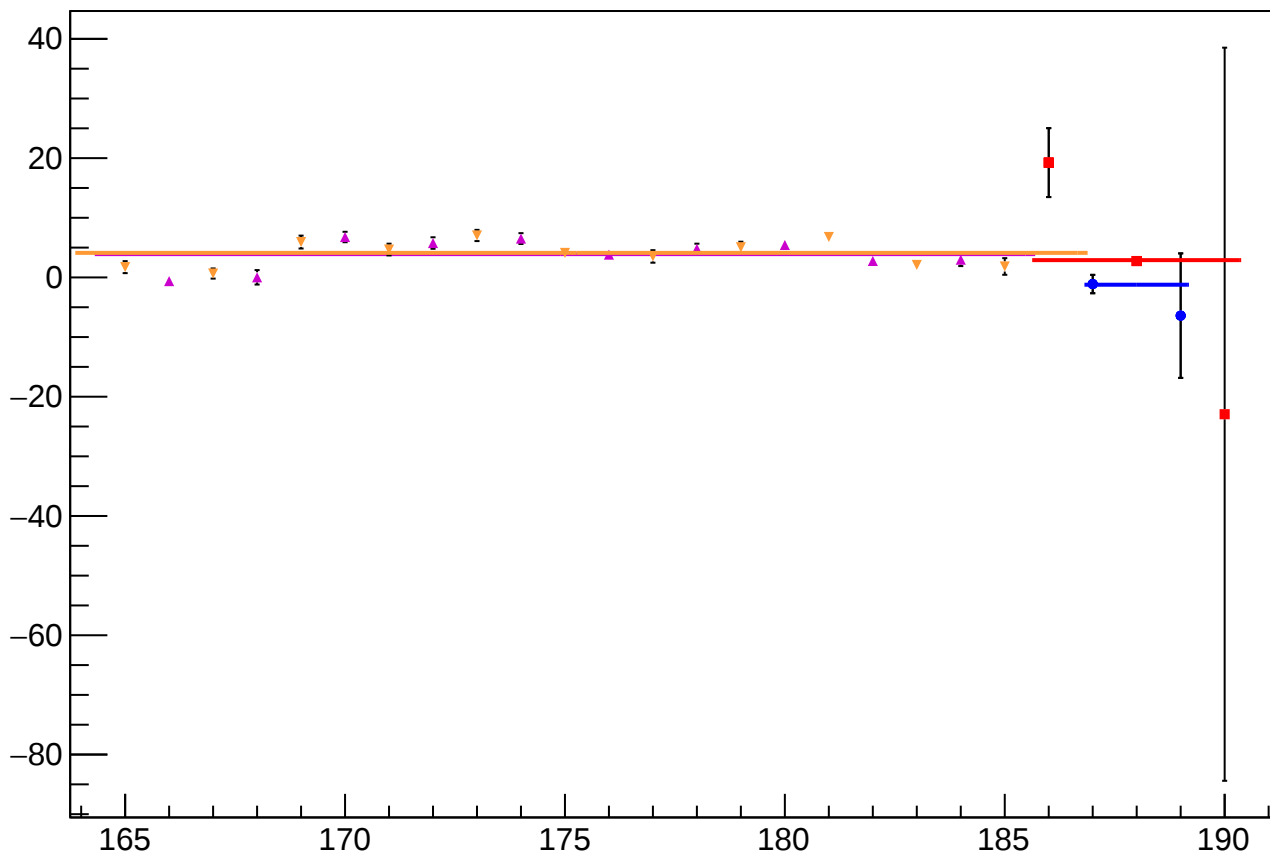
reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 8.041 ± 2.083 $\chi^2/\text{NDF}: 0.0/3$
 Left Out: 2.321 ± 0.230 $\chi^2/\text{NDF}: 41.3/10$
 Right Out: 0.395 ± 0.795 $\chi^2/\text{NDF}: 2.4/4$
 Left In: 2.568 ± 0.234 $\chi^2/\text{NDF}: 22.8/9$

+ sign 2.390 ± 0.228 $\chi^2/\text{NDF}: 48.7/14$
 All: 2.392 ± 0.160 $\chi^2/\text{NDF}: 80.8/29$
 - sign 2.394 ± 0.225 $\chi^2/\text{NDF}: 32.0/14$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: -1.223+/-1.078 χ^2/NDF : 0.5/3

Left Out: 4.118+/-0.260 χ^2/NDF : 65.7/10

Right Out: 2.899+/-0.393 χ^2/NDF : 16.3/4

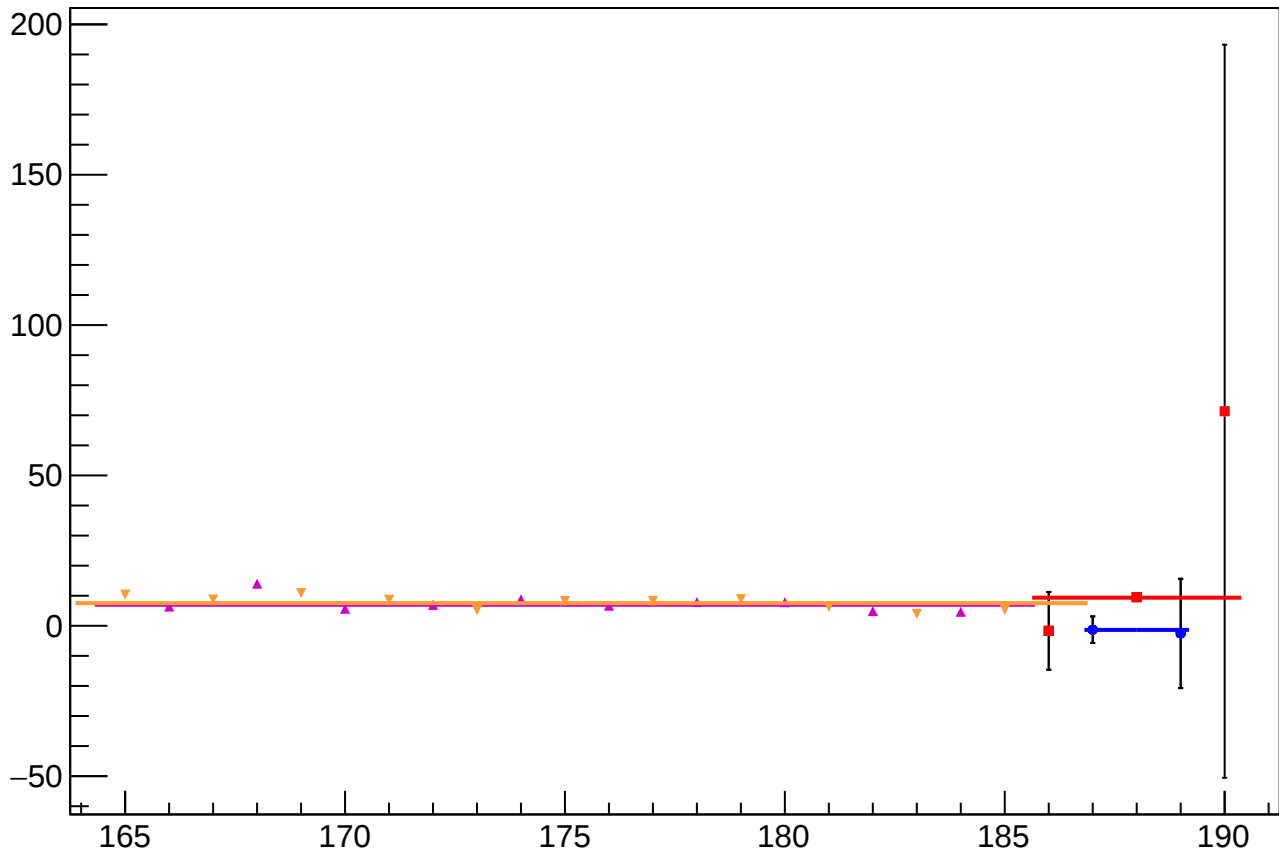
Left In: 3.907+/-0.263 χ^2/NDF : 71.7/9

+ sign 3.824+/-0.253 χ^2/NDF : 89.4/14

All: 3.693+/-0.165 χ^2/NDF : 182.5/29

- sign 3.595+/-0.218 χ^2/NDF : 92.6/14

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: -1.363 ± 3.030 χ^2/NDF : 0.0/3

Left Out: 7.535 ± 0.248 χ^2/NDF : 74.1/10

Right Out: 9.350 ± 1.153 χ^2/NDF : 1.7/4

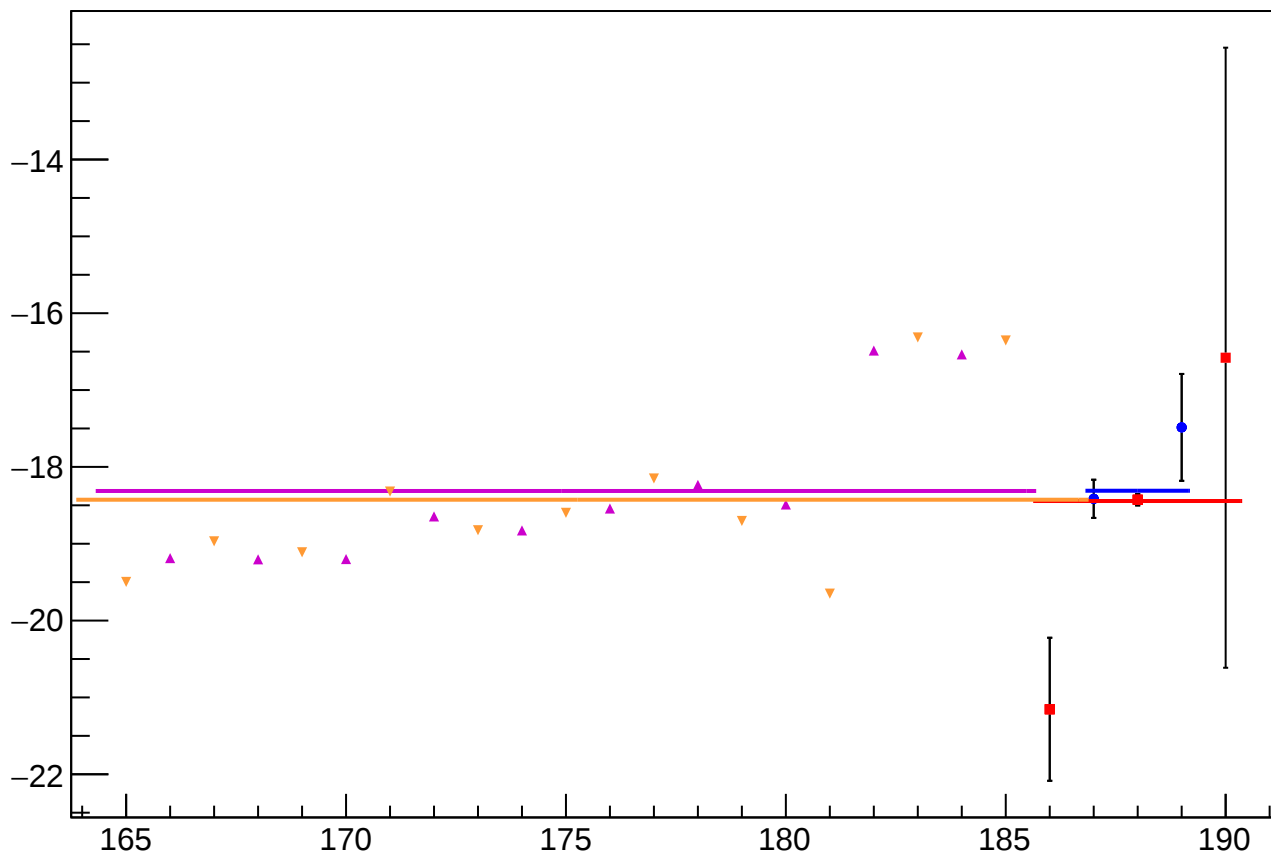
Left In: 6.986 ± 0.252 χ^2/NDF : 63.1/9

+ sign 7.476 ± 0.247 χ^2/NDF : 82.7/14

All: 7.284 ± 0.174 χ^2/NDF : 152.8/29

- sign 7.094 ± 0.246 χ^2/NDF : 68.9/14

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -18.310 ± 0.165 χ^2/NDF : 3.2/3

Left Out: -18.427 ± 0.011 χ^2/NDF : 9139.8/10

Right Out: -18.444 ± 0.052 χ^2/NDF : 17.3/4

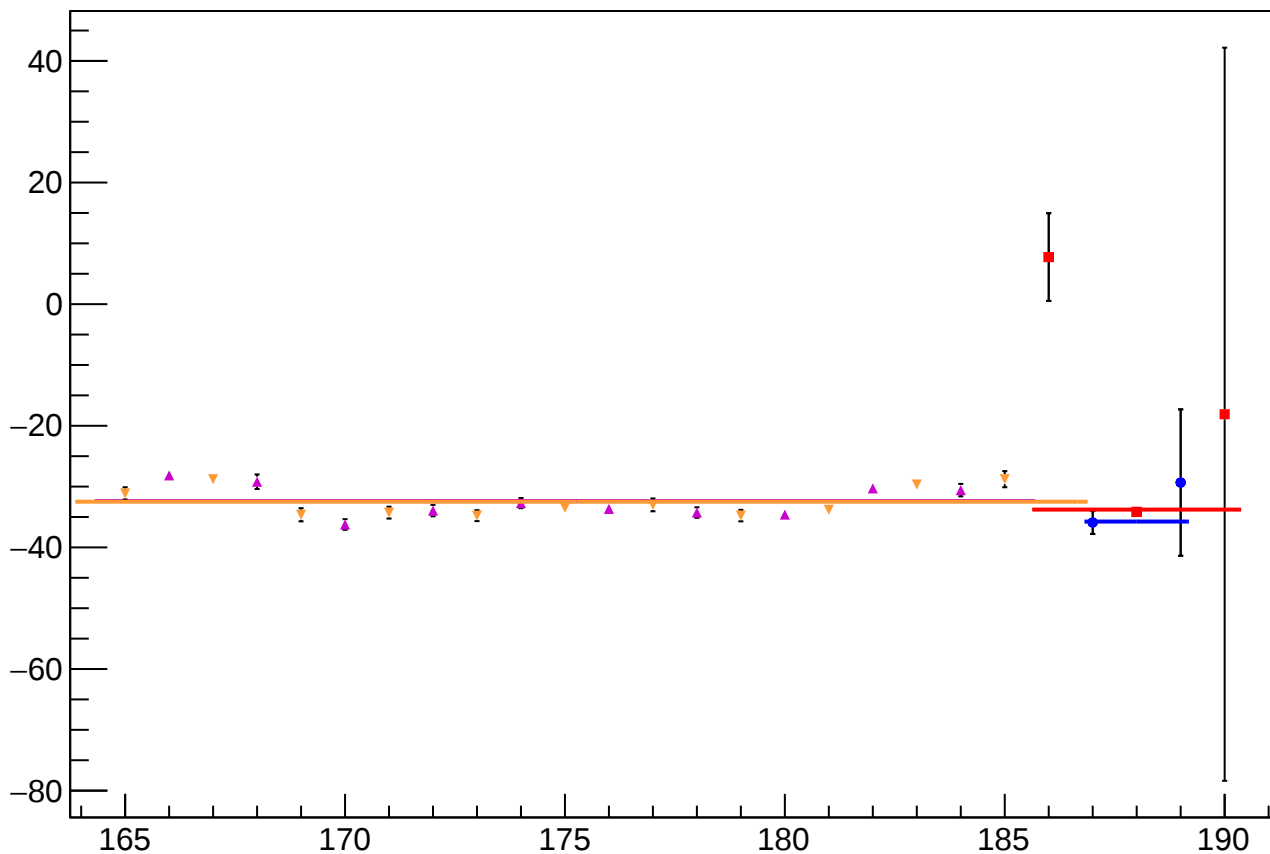
Left In: -18.313 ± 0.011 χ^2/NDF : 7440.8/9

+ sign -18.427 ± 0.011 χ^2/NDF : 9143.5/14

All: -18.373 ± 0.008 χ^2/NDF : 16654.7/29

- sign -18.319 ± 0.011 χ^2/NDF : 7464.1/14

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -35.749 ± 1.314 χ^2/NDF : 0.6/3

Left Out: -32.484 ± 0.256 χ^2/NDF : 74.7/10

Right Out: -33.783 ± 0.486 χ^2/NDF : 67.0/4

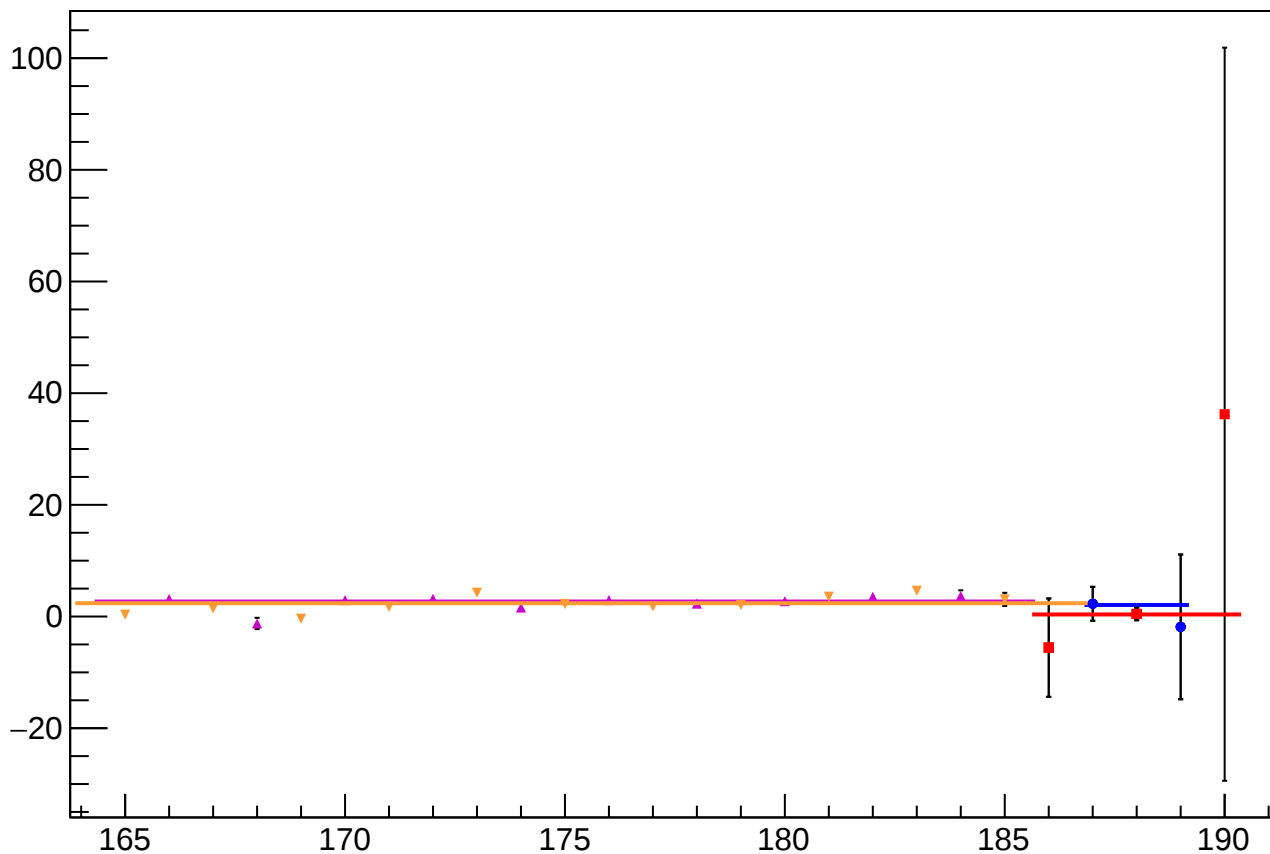
Left In: -32.380 ± 0.258 χ^2/NDF : 88.9/9

+ sign -32.603 ± 0.251 χ^2/NDF : 81.2/14

All: -32.650 ± 0.169 χ^2/NDF : 243.7/29

- sign -32.688 ± 0.228 χ^2/NDF : 162.4/14

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 2.070 $\pm$ 2.091 χ^2 /NDF: 0.2/3

Left Out: 2.383 $\pm$ 0.230 χ^2 /NDF: 43.8/10

Right Out: 0.370 $\pm$ 0.795 χ^2 /NDF: 1.2/4

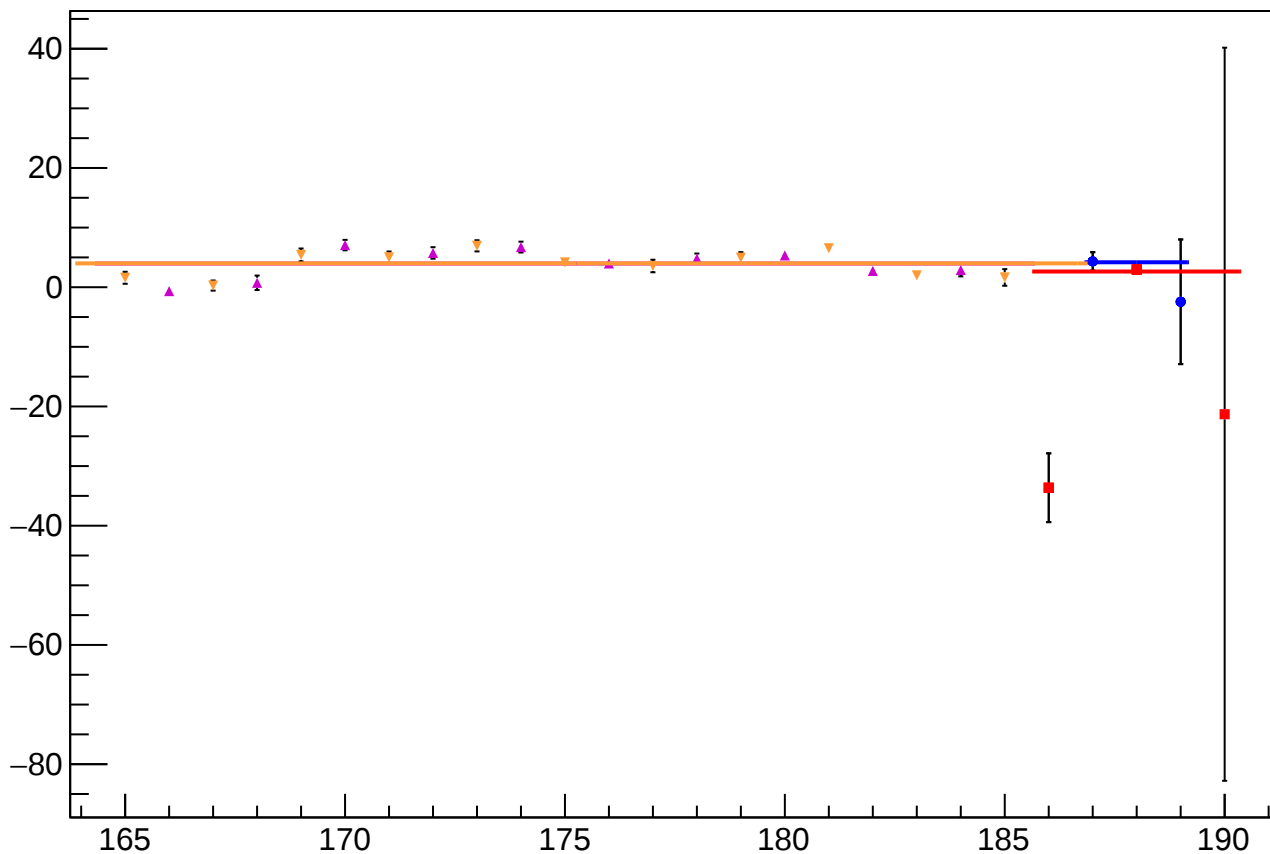
Left In: 2.685 $\pm$ 0.234 χ^2 /NDF: 21.5/9

+ sign 2.379 $\pm$ 0.228 χ^2 /NDF: 44.0/14

All: 2.441 $\pm$ 0.160 χ^2 /NDF: 74.6/29

- sign 2.500 $\pm$ 0.225 χ^2 /NDF: 30.5/14

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 4.184 $\pm$ 1.081 χ^2 /NDF: 0.8/3

Left Out: 3.996 $\pm$ 0.260 χ^2 /NDF:66.6/10

Right Out: 2.632 $\pm$ 0.393 χ^2 /NDF: 79.9/4

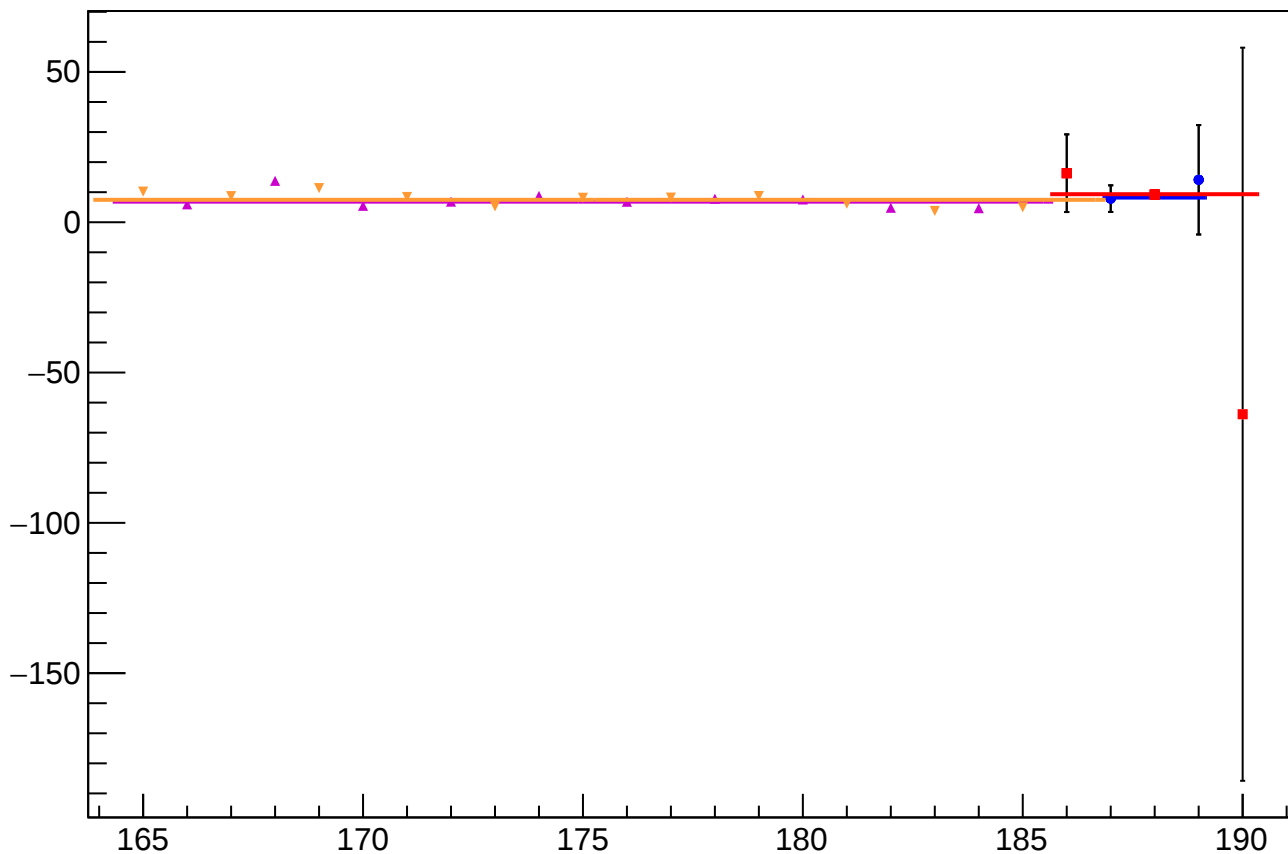
Left In: 3.973 $\pm$ 0.263 χ^2 /NDF:72.1/9

+ sign 4.006 $\pm$ 0.253 χ^2 /NDF: 67.5/14

All: 3.750 $\pm$ 0.165 χ^2 /NDF: 229.2/29

- sign 3.559 $\pm$ 0.218 χ^2 /NDF: 160.0/14

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 8.208 ± 3.042 χ^2/NDF : 0.2/3

Left Out: 7.463 ± 0.247 χ^2/NDF : 79.8/10

Right Out: 9.330 ± 1.154 χ^2/NDF : 1.0/4

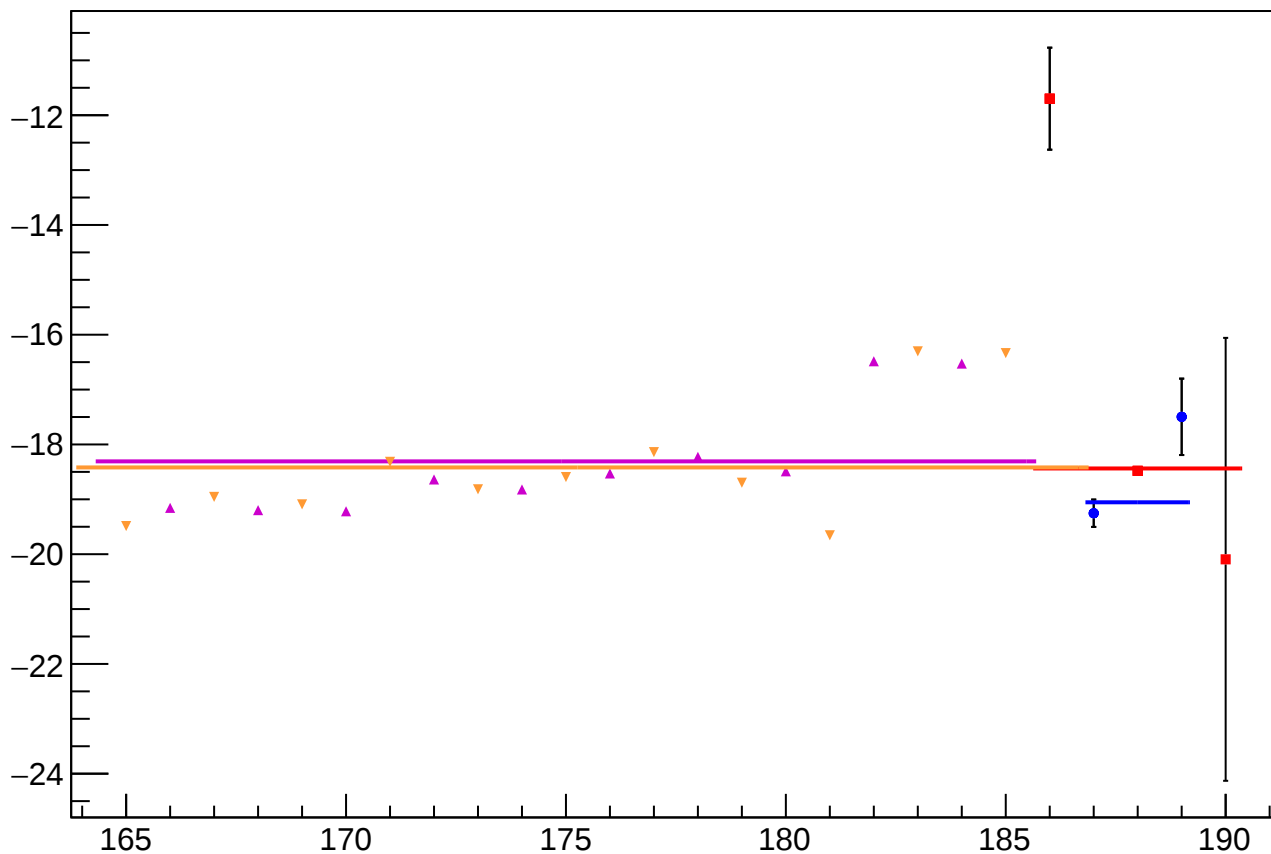
Left In: 6.853 ± 0.252 χ^2/NDF : 62.0/9

+ sign 7.468 ± 0.247 χ^2/NDF : 80.0/14

All: 7.216 ± 0.174 χ^2/NDF : 149.5/29

- sign 6.966 ± 0.246 χ^2/NDF : 67.4/14

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.054 ± 0.166 $\chi^2/\text{NDF}: 11.3/3$

Left Out: -18.419 ± 0.011 $\chi^2/\text{NDF}: 9209.5/10$

Right Out: -18.438 ± 0.052 $\chi^2/\text{NDF}: 105.9/4$

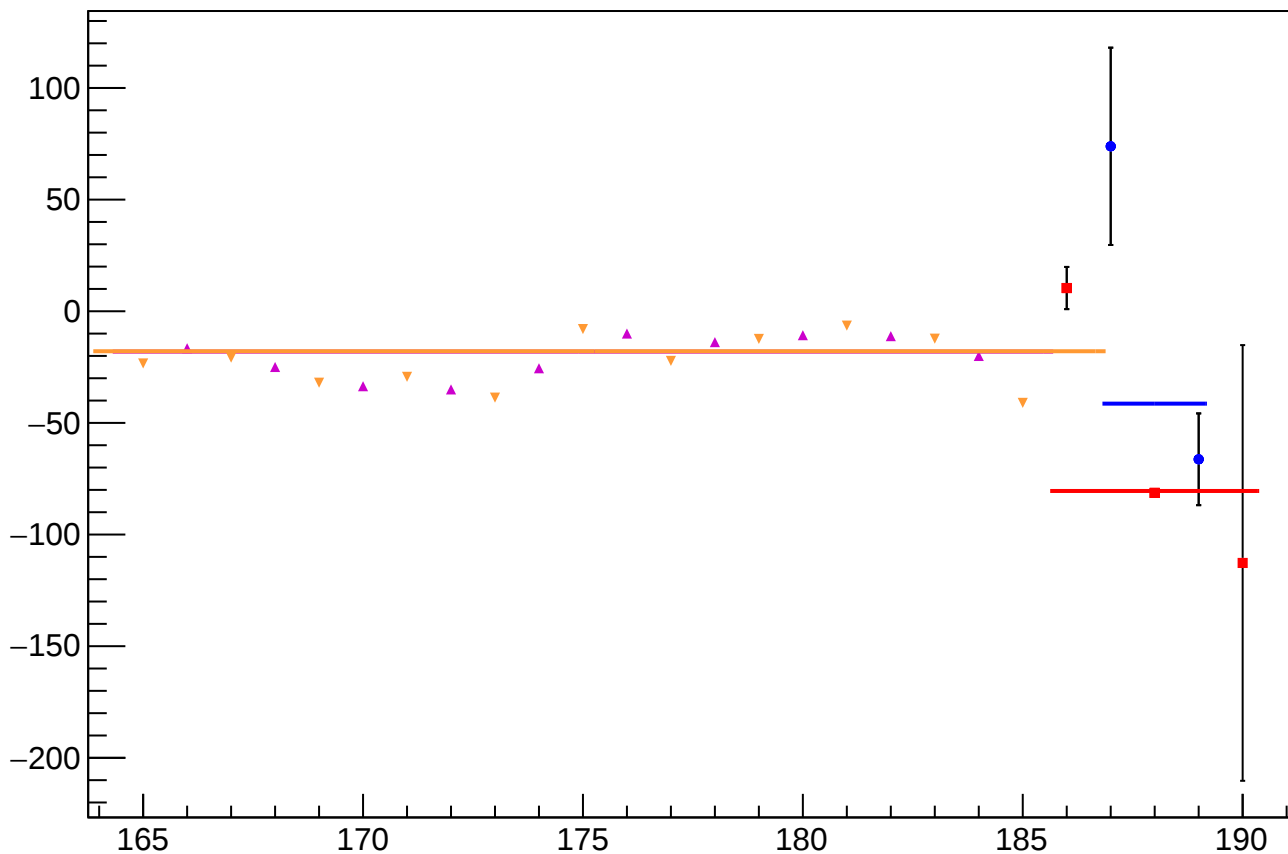
Left In: -18.308 ± 0.011 $\chi^2/\text{NDF}: 7445.8/9$

+ sign -18.422 ± 0.011 $\chi^2/\text{NDF}: 9235.4/14$

All: -18.368 ± 0.008 $\chi^2/\text{NDF}: 16840.4/29$

- sign -18.314 ± 0.011 $\chi^2/\text{NDF}: 7557.6/14$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -41.374 ± 13.174 χ^2/NDF : 16.5/3

Left Out: -17.907 ± 0.267 χ^2/NDF : 1679.6/10

Right Out: -80.487 ± 0.647 χ^2/NDF : 187.0/4

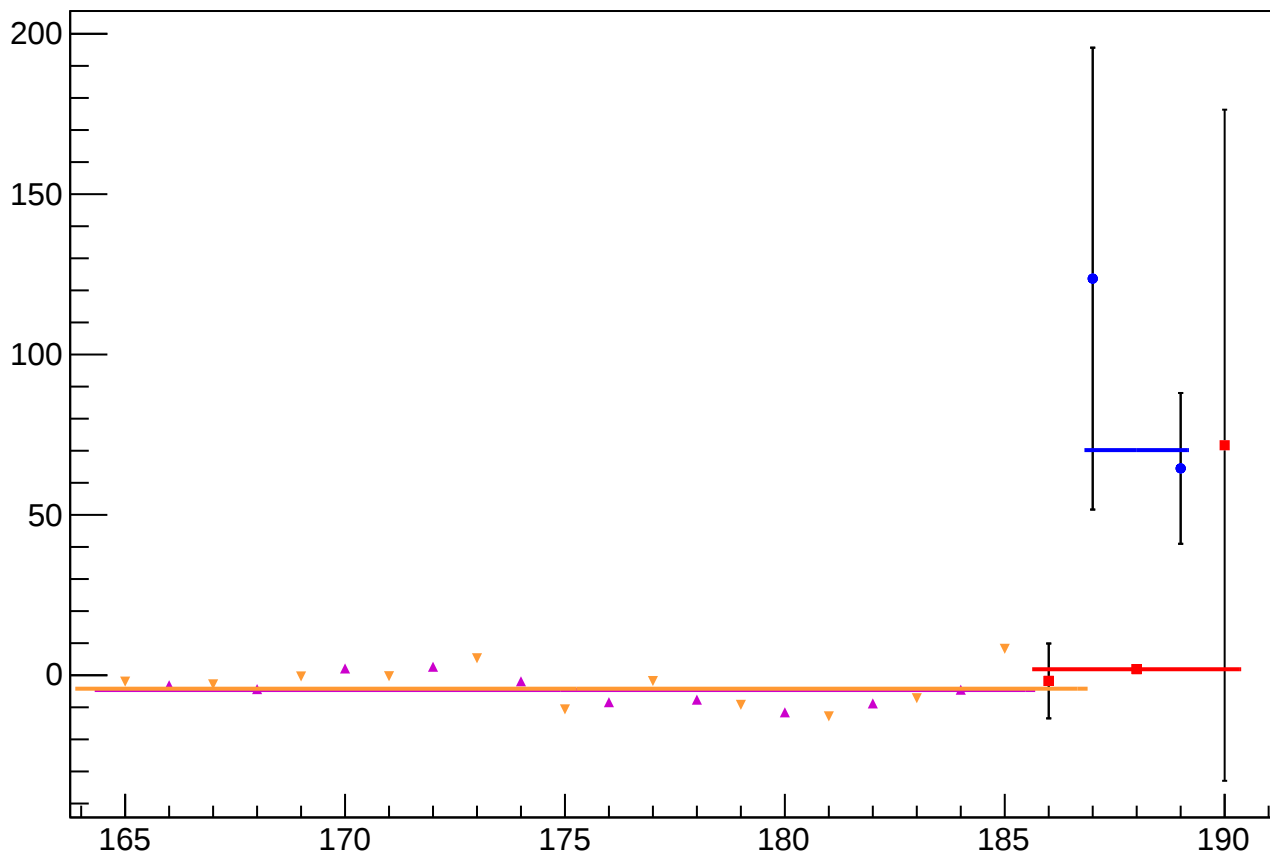
Left In: -18.076 ± 0.271 χ^2/NDF : 1049.5/9

+ sign -17.917 ± 0.267 χ^2/NDF : 1699.3/14

All: -22.961 ± 0.182 χ^2/NDF : 11518.6/29

- sign -27.364 ± 0.250 χ^2/NDF : 9152.0/14

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 70.196 $\pm$ 15.805 χ^2 /NDF: 1.2/3

Left Out: -4.195 $\pm$ 0.241 χ^2 /NDF: 618.2/10

Right Out: 1.868 $\pm$ 1.064 χ^2 /NDF: 0.6/4

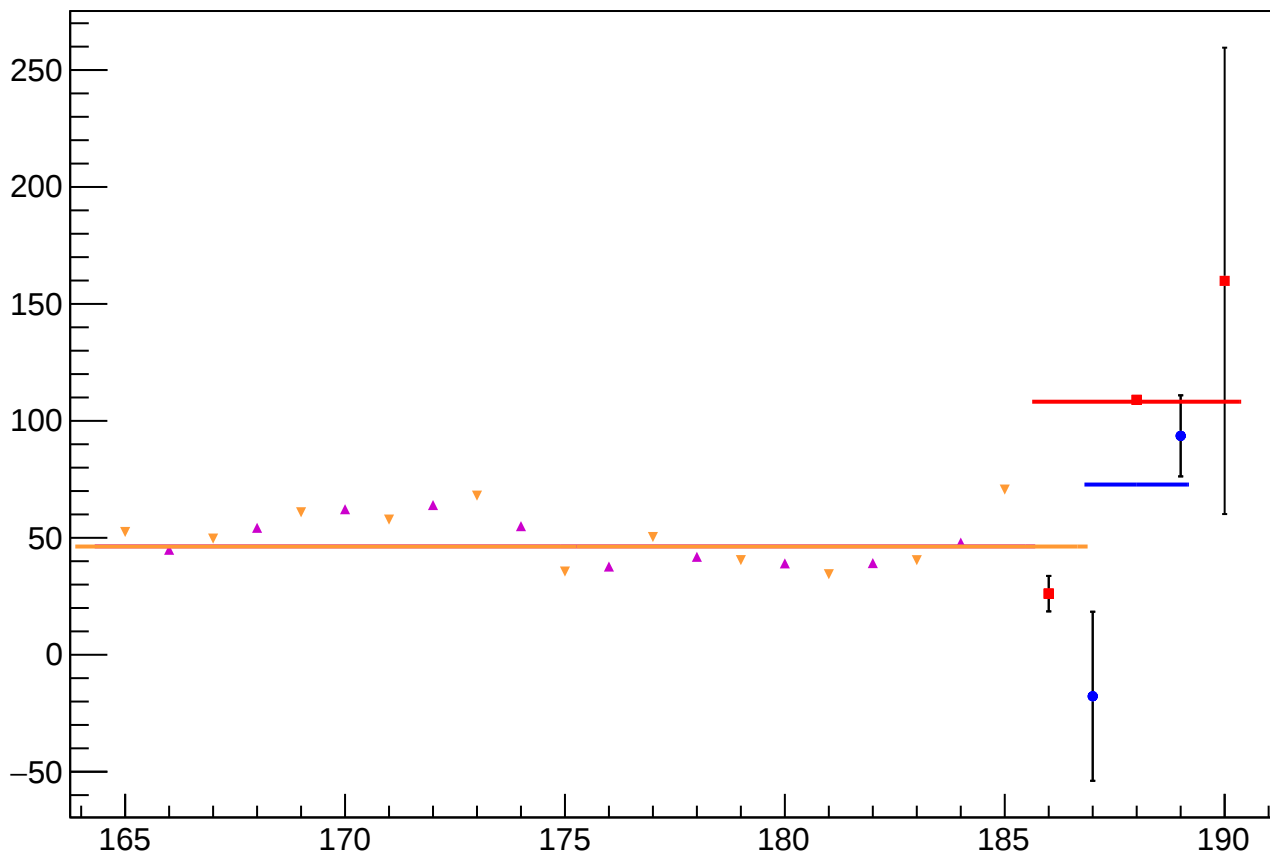
Left In: -4.613 $\pm$ 0.245 χ^2 /NDF: 386.3/9

+ sign -4.178 $\pm$ 0.241 χ^2 /NDF: 641.6/14

All: -4.233 $\pm$ 0.169 χ^2 /NDF: 1063.8/29

- sign -4.288 $\pm$ 0.238 χ^2 /NDF: 422.2/14

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 72.776 $\pm$ 11.051 χ^2 /NDF: 15.4/3

Left Out: 46.276 $\pm$ 0.272 χ^2 /NDF:1740.1/10

Right Out: 108.193 $\pm$ 0.522 χ^2 /NDF: 236.8/4

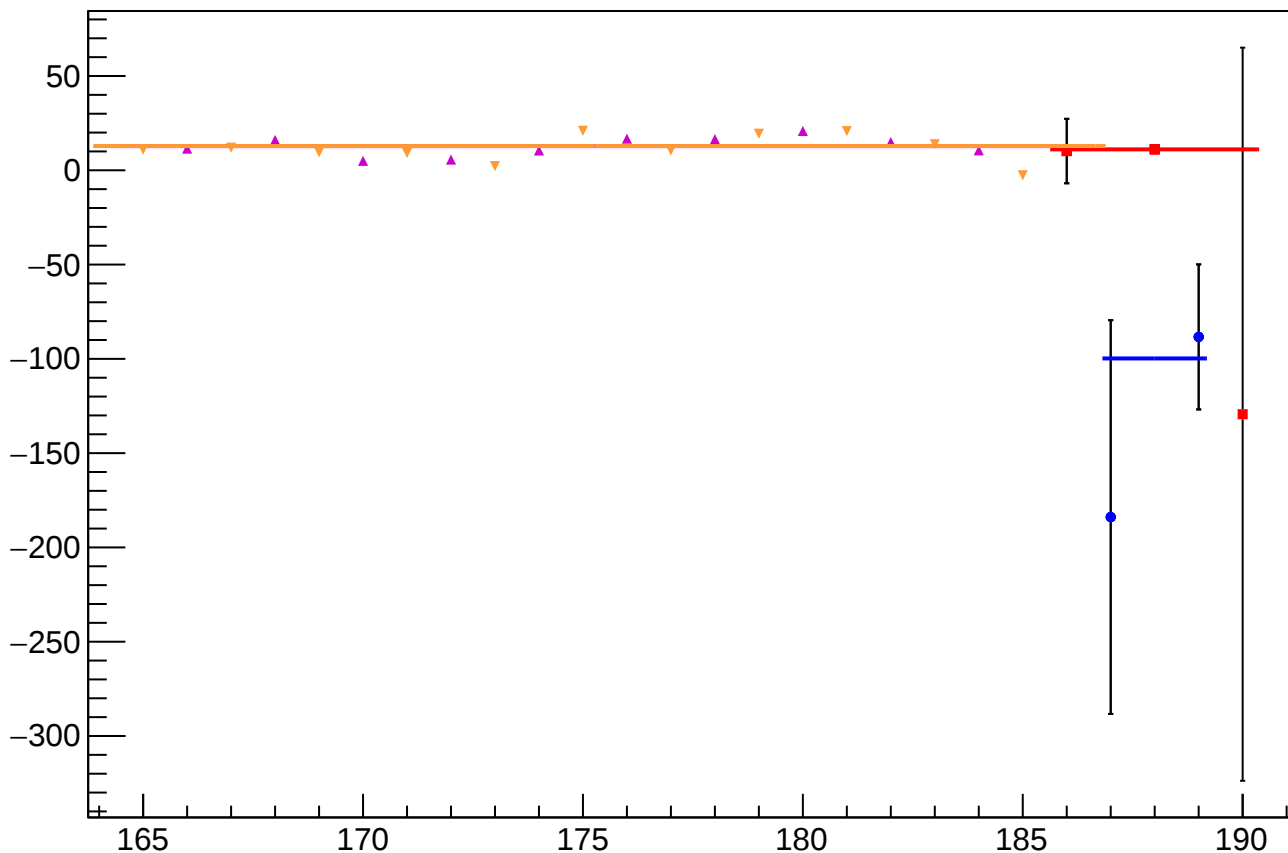
Left In: 46.346 $\pm$ 0.275 χ^2 /NDF:1110.4/9

+ sign 46.292 $\pm$ 0.272 χ^2 /NDF: 1761.3/14

All: 53.794 $\pm$ 0.181 χ^2 /NDF: 15461.1/29

- sign 59.815 $\pm$ 0.244 χ^2 /NDF: 12327.6/14

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: -99.781 ± 25.519 $\chi^2/\text{NDF}: 1.5/3$

Left Out: 12.866 ± 0.259 $\chi^2/\text{NDF}: 633.2/10$

Right Out: 11.090 ± 1.565 $\chi^2/\text{NDF}: 0.5/4$

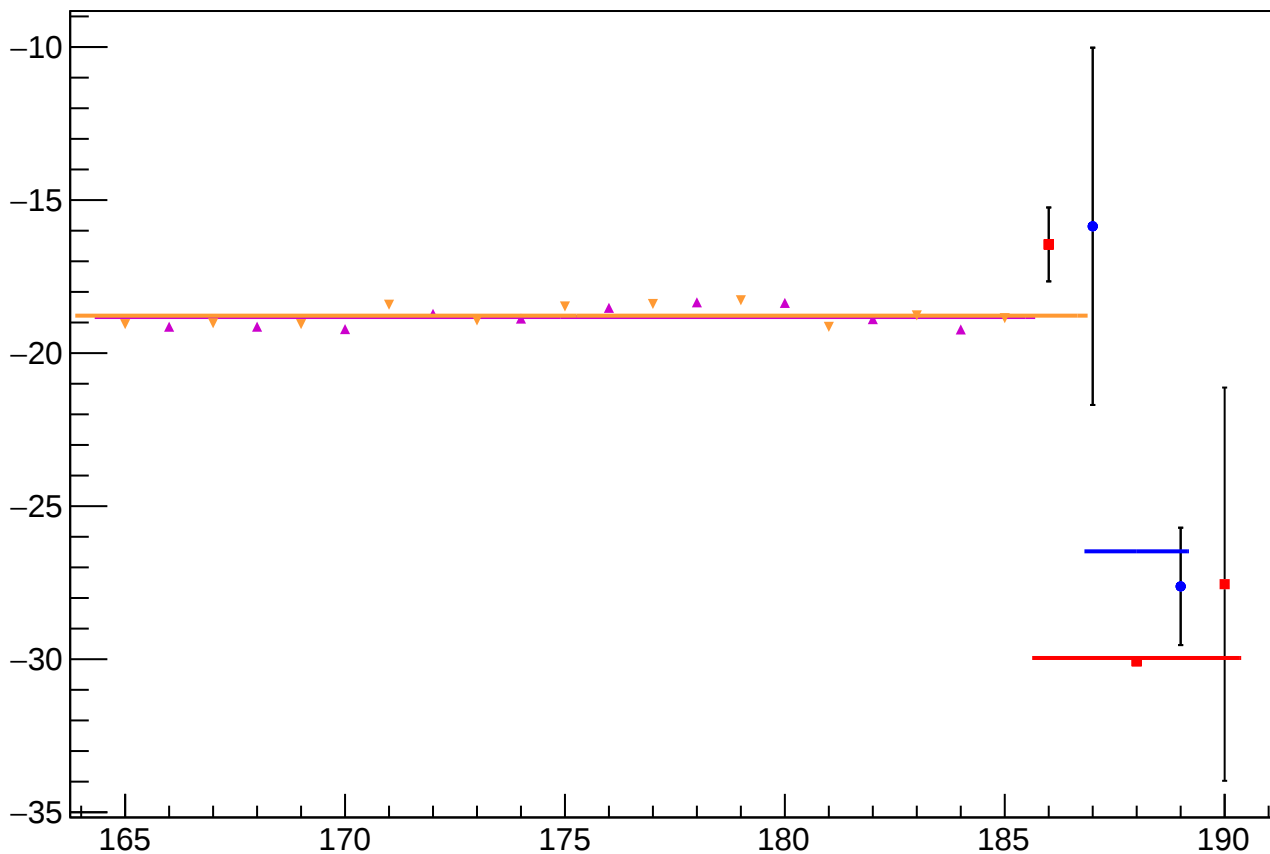
Left In: 12.835 ± 0.263 $\chi^2/\text{NDF}: 378.0/9$

+ sign 12.854 ± 0.259 $\chi^2/\text{NDF}: 654.2/14$

All: 12.821 ± 0.183 $\chi^2/\text{NDF}: 1033.9/29$

- sign 12.787 ± 0.260 $\chi^2/\text{NDF}: 379.7/14$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -26.475 ± 1.288 χ^2/NDF : 7.3/3

Left Out: -18.776 ± 0.012 χ^2/NDF : 656.8/10

Right Out: -29.960 ± 0.075 χ^2/NDF : 252.8/4

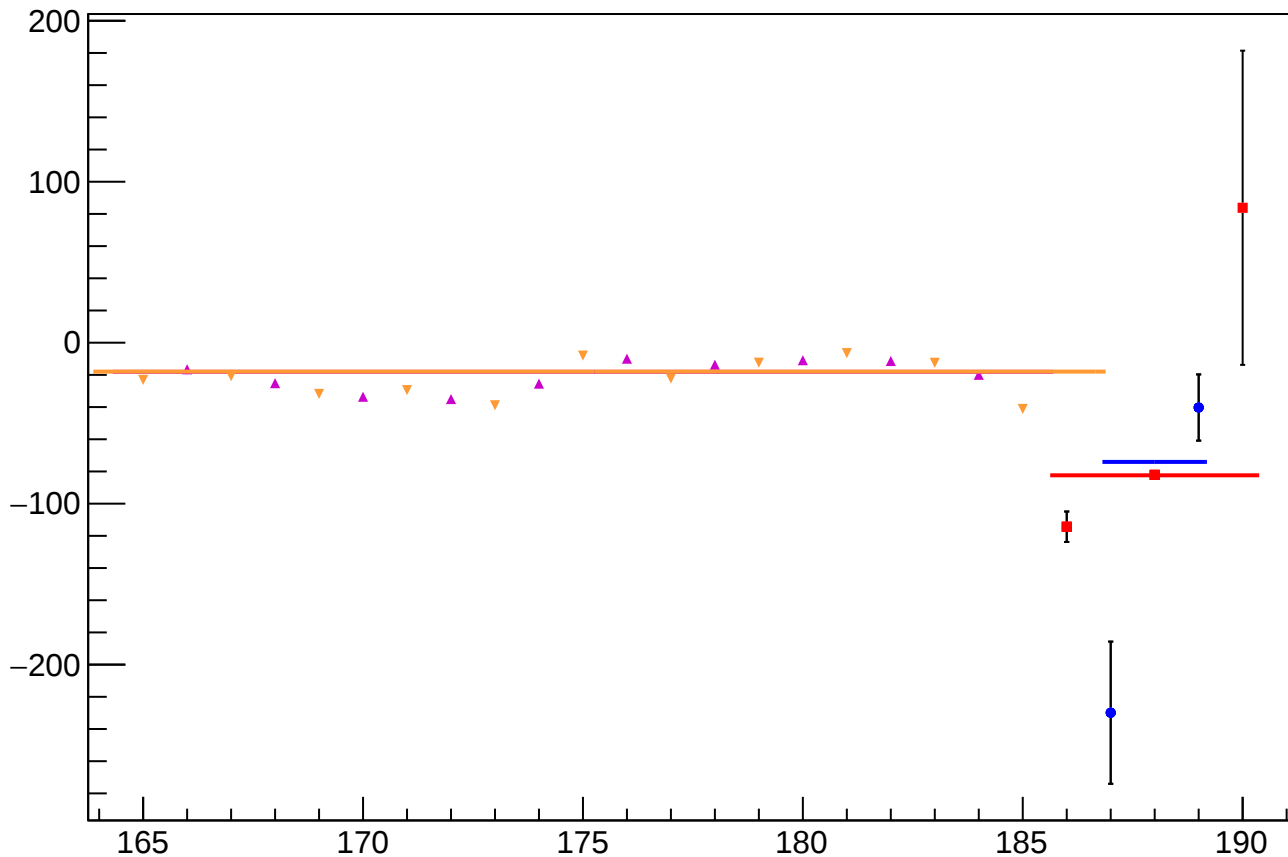
Left In: -18.821 ± 0.012 χ^2/NDF : 710.5/9

+ sign -18.776 ± 0.012 χ^2/NDF : 699.9/14

All: -18.932 ± 0.008 χ^2/NDF : 23266.8/29

- sign -19.088 ± 0.012 χ^2/NDF : 22211.3/14

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -74.065 ± 13.184 χ^2/NDF : 30.3/3

Left Out: -17.960 ± 0.267 χ^2/NDF : 1676.6/10

Right Out: -82.385 ± 0.648 χ^2/NDF : 26.0/4

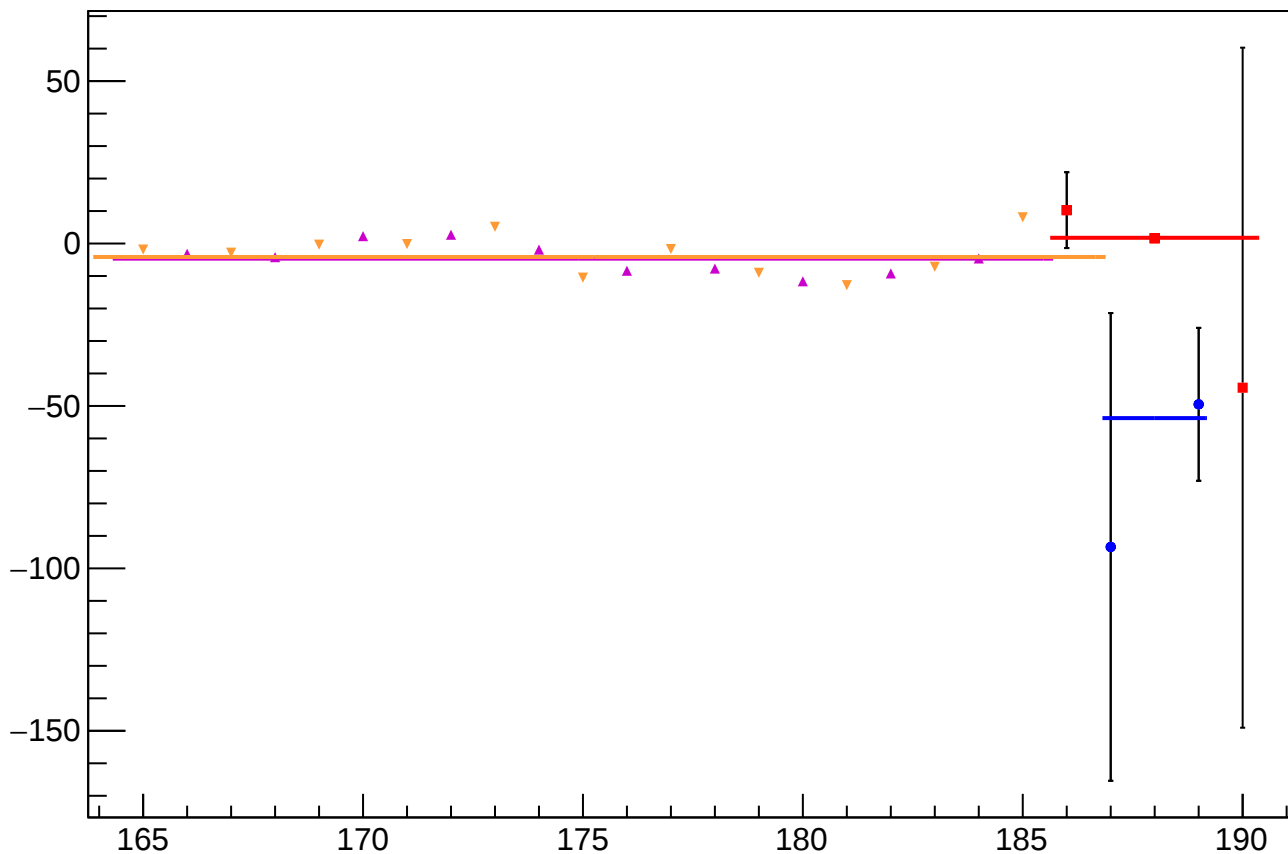
Left In: -18.111 ± 0.271 χ^2/NDF : 1038.0/9

+ sign -17.984 ± 0.267 χ^2/NDF : 1725.0/14

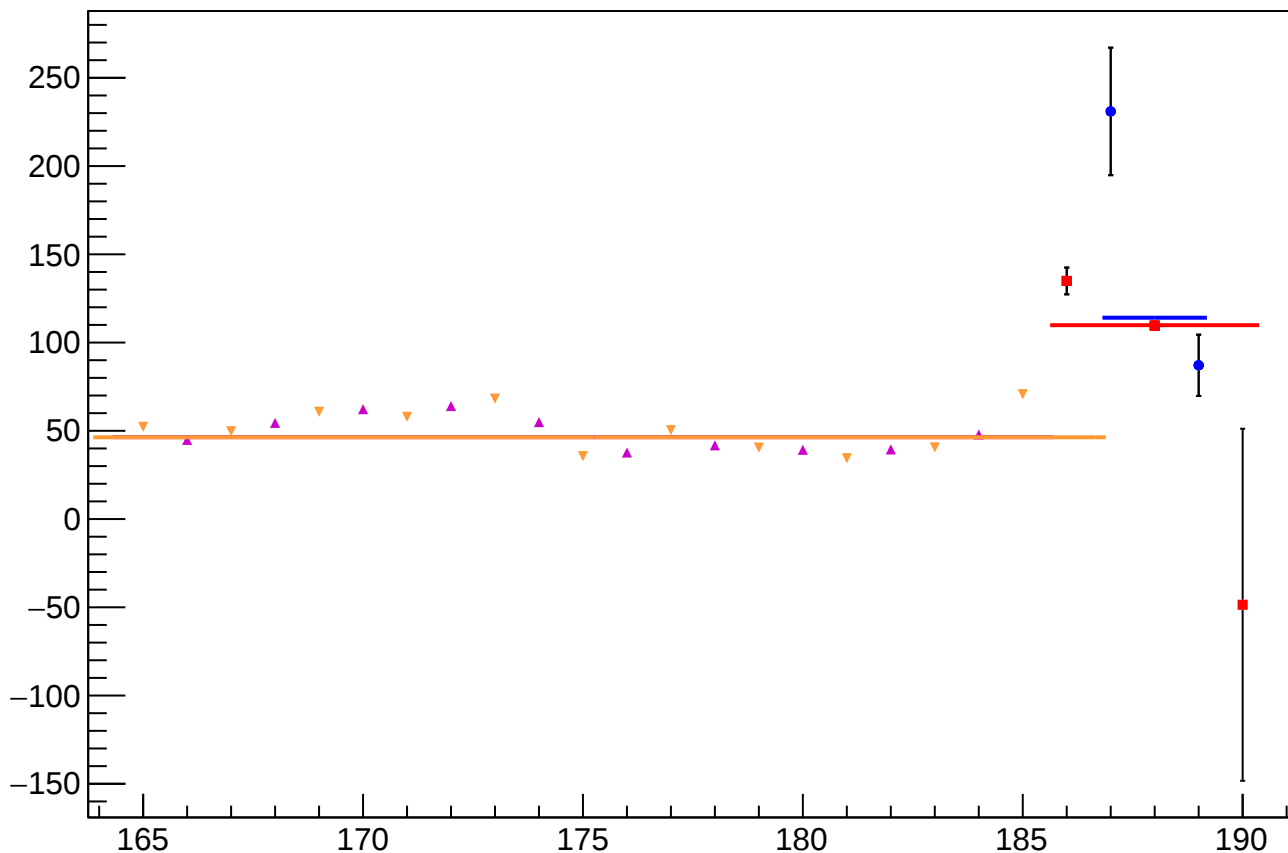
All: -23.155 ± 0.183 χ^2/NDF : 11868.2/29

- sign -27.672 ± 0.250 χ^2/NDF : 9442.2/14

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 114.081 ± 11.060 $\chi^2/\text{NDF}: 25.8/3$

Left Out: 46.325 ± 0.272 $\chi^2/\text{NDF}: 1738.6/10$

Right Out: 109.846 ± 0.523 $\chi^2/\text{NDF}: 24.5/4$

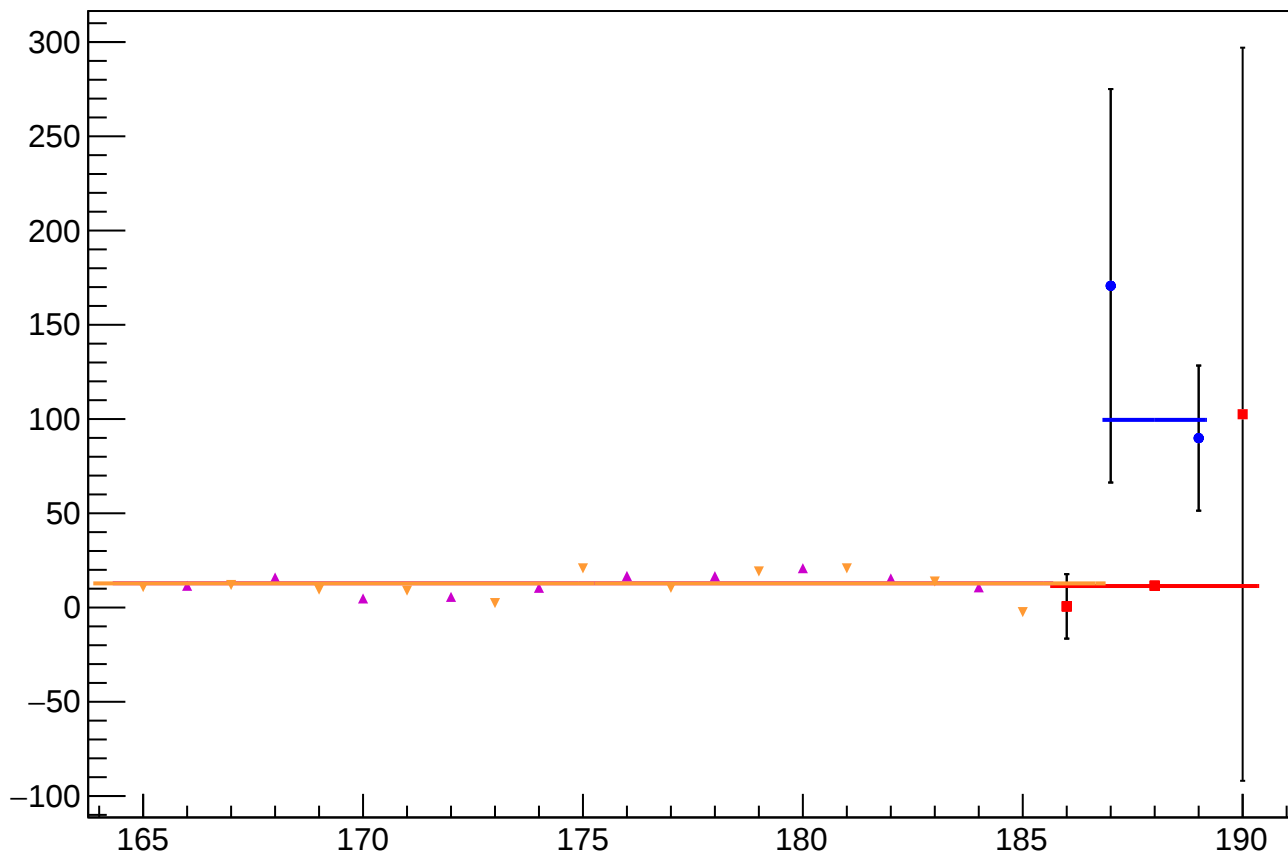
Left In: 46.420 ± 0.276 $\chi^2/\text{NDF}: 1099.3/9$

+ sign 46.366 ± 0.272 $\chi^2/\text{NDF}: 1801.9/14$

All: 54.053 ± 0.182 $\chi^2/\text{NDF}: 15891.0/29$

- sign 60.228 ± 0.244 $\chi^2/\text{NDF}: 12649.3/14$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 99.558 $\pm$ 25.542 χ^2/NDF : 1.1/3

Left Out: 12.813 $\pm$ 0.259 χ^2/NDF : 620.5/10

Right Out: 11.415 $\pm$ 1.566 χ^2/NDF : 1.0/4

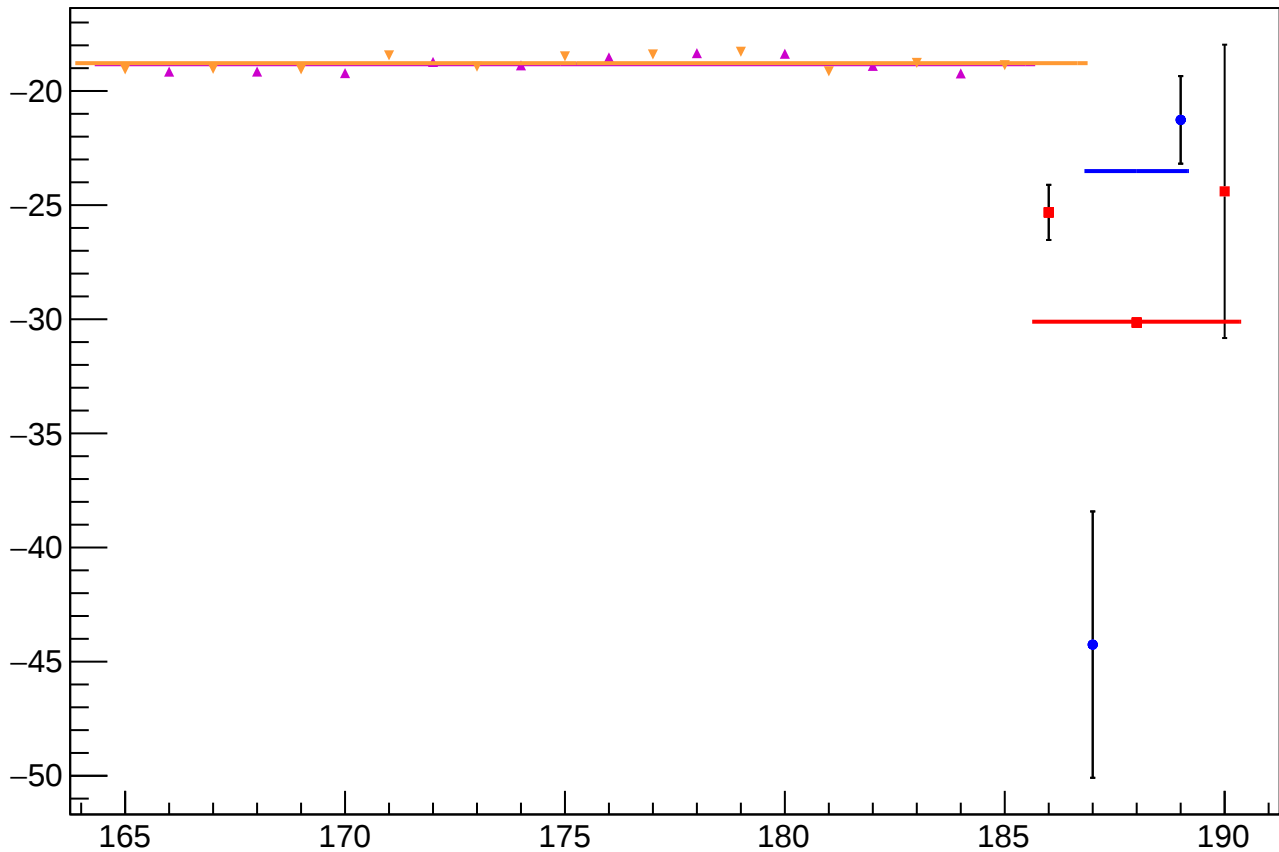
Left In: 12.888 $\pm$ 0.263 χ^2/NDF : 389.5/9

+ sign 12.822 $\pm$ 0.259 χ^2/NDF : 633.1/14

All: 12.835 $\pm$ 0.184 χ^2/NDF : 1024.4/29

- sign 12.847 $\pm$ 0.260 χ^2/NDF : 391.3/14

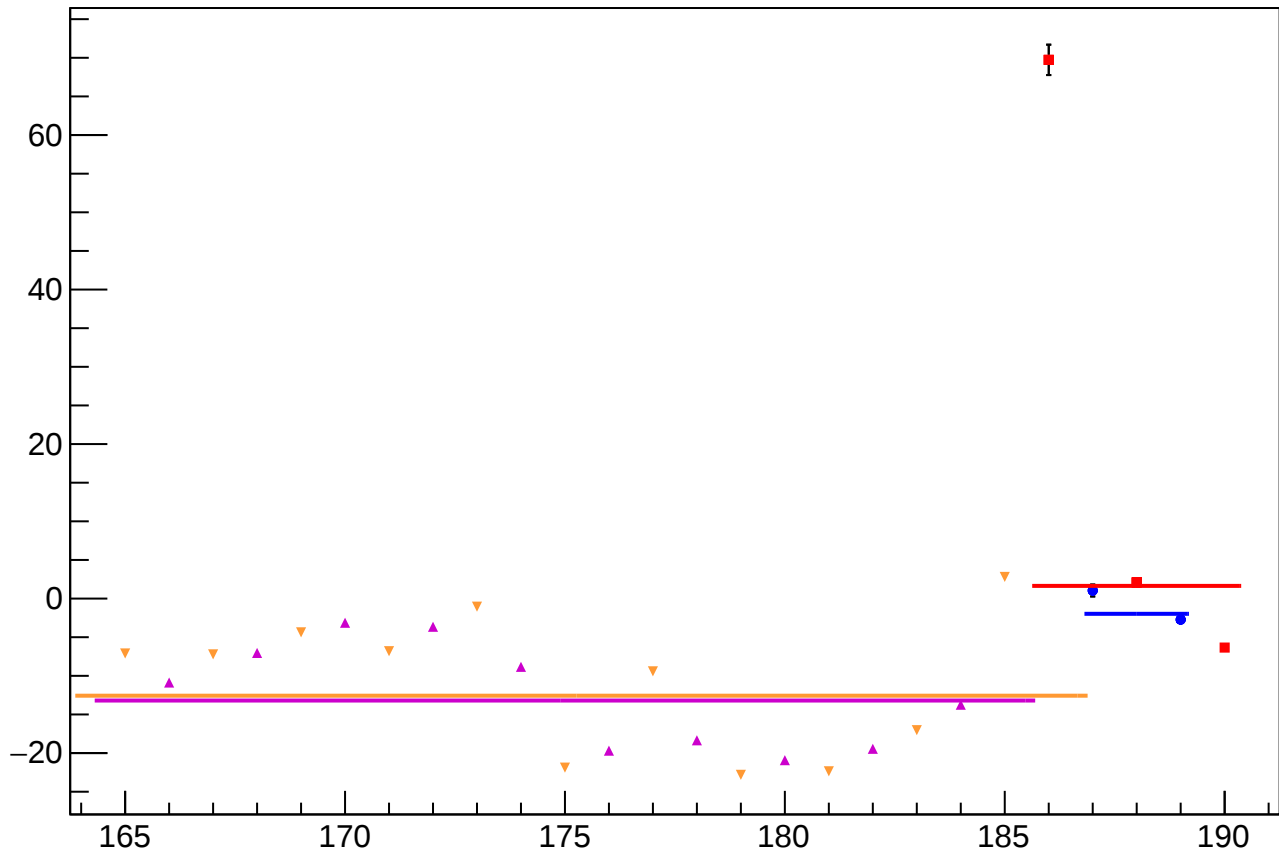
reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -23.509 ± 1.289 χ^2/NDF : 28.0/3
 Left Out: -18.781 ± 0.012 χ^2/NDF : 636.9/10
 Right Out: -30.107 ± 0.076 χ^2/NDF : 32.5/4
 Left In: -18.828 ± 0.012 χ^2/NDF : 709.1/9

+ sign -18.781 ± 0.012 χ^2/NDF : 678.4/14
 All: -18.940 ± 0.008 χ^2/NDF : 23534.7/29
 - sign -19.098 ± 0.012 χ^2/NDF : 22488.4/14

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.972 ± 0.244 χ^2/NDF : 38.2/3

Left Out: -12.571 ± 0.100 χ^2/NDF : 7013.5/10

Right Out: 1.642 ± 0.138 χ^2/NDF : 2851.1/4

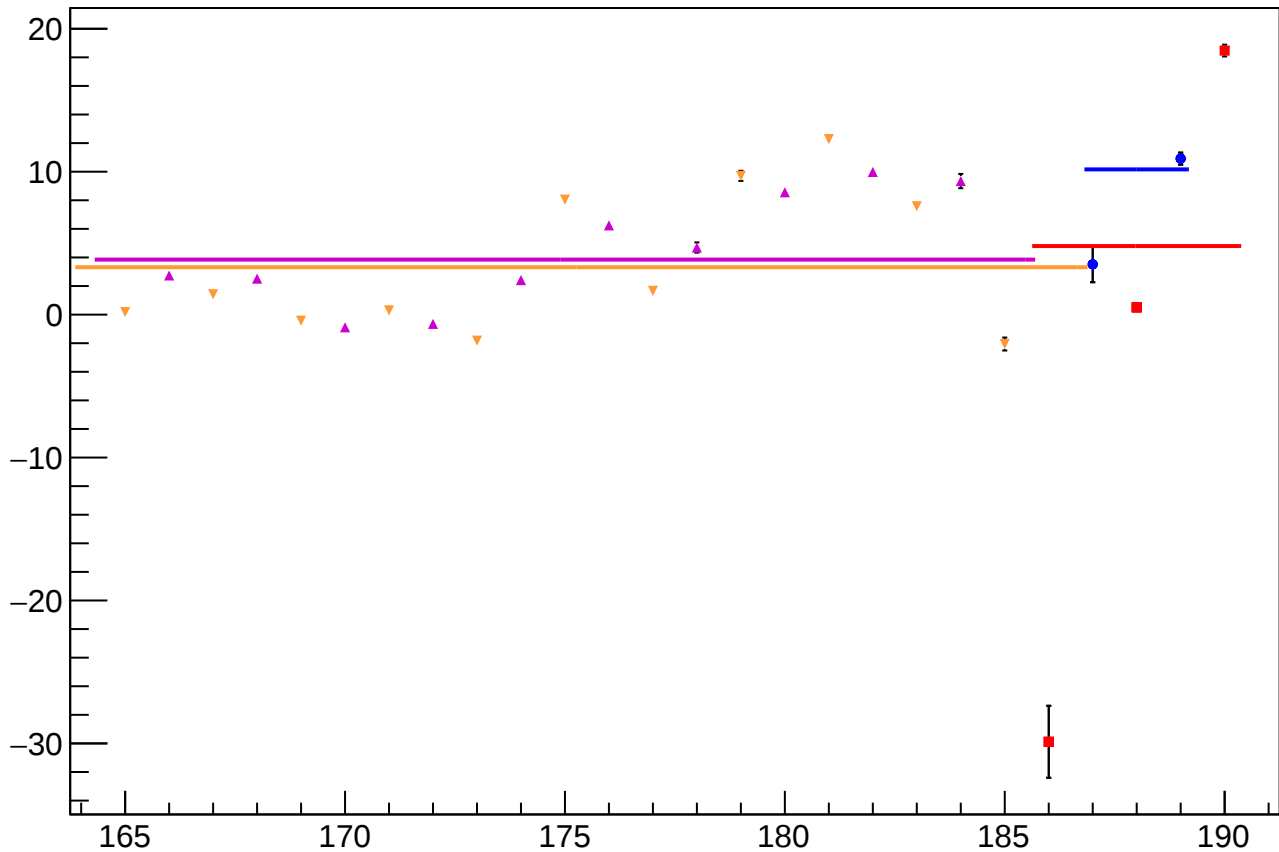
Left In: -13.198 ± 0.103 χ^2/NDF : 4346.3/9

+ sign -11.035 ± 0.093 χ^2/NDF : 8671.2/14

All: -9.266 ± 0.062 χ^2/NDF : 23976.1/29

- sign -7.867 ± 0.082 χ^2/NDF : 14653.3/14

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: 10.161 $\pm$ 0.282 χ^2 /NDF: 62.9/3

Left Out: 3.317 $\pm$ 0.088 χ^2 /NDF:2938.5/10

Right Out: 4.798 $\pm$ 0.212 χ^2 /NDF: 1773.1/4

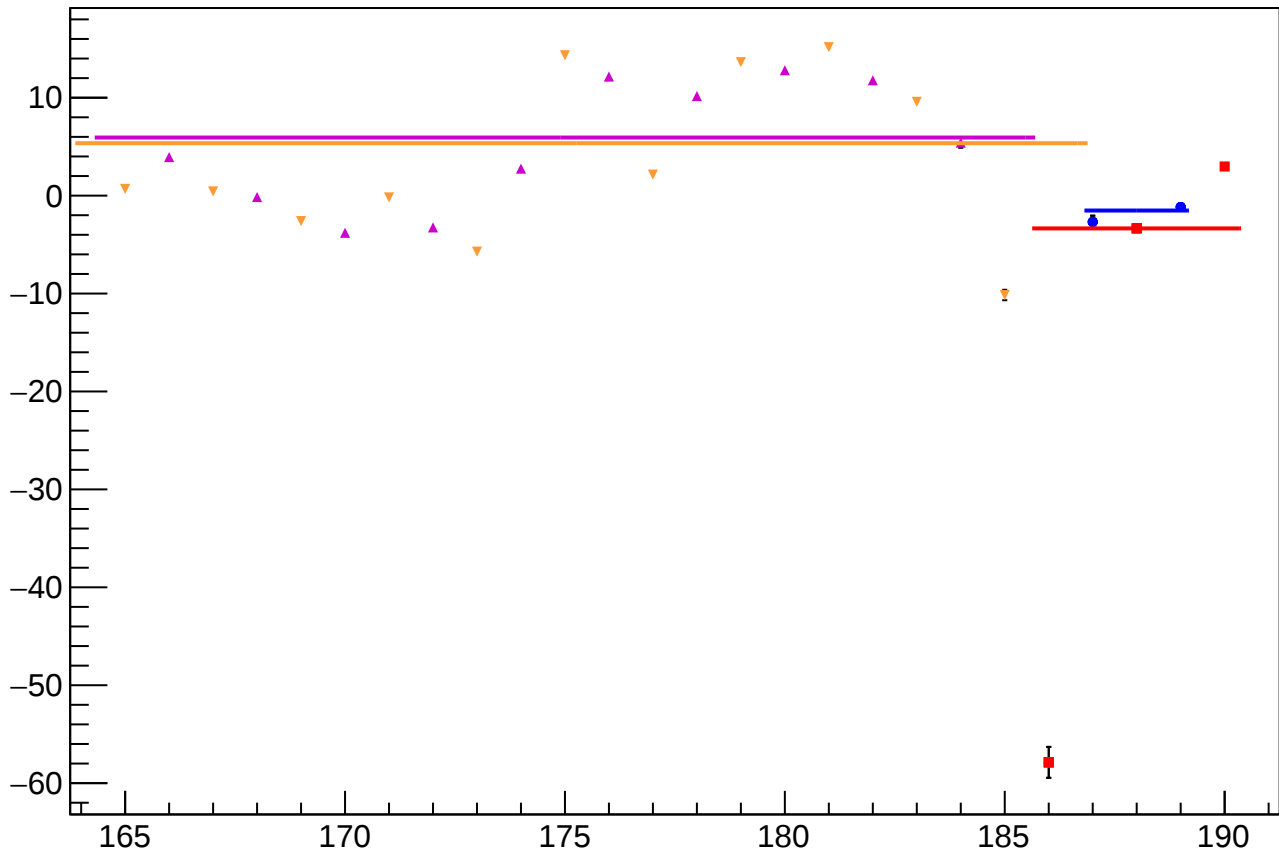
Left In: 3.851 $\pm$ 0.092 χ^2 /NDF:1726.0/9

+ sign 3.929 $\pm$ 0.084 χ^2 /NDF: 3538.5/14

All: 3.965 $\pm$ 0.060 χ^2 /NDF: 7054.9/29

- sign 4.000 $\pm$ 0.084 χ^2 /NDF: 3516.0/14

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: -1.522 ± 0.218 χ^2/NDF : 8.8/3

Left Out: 5.353 ± 0.102 χ^2/NDF : 6152.0/10

Right Out: -3.347 ± 0.114 χ^2/NDF : 2659.7/4

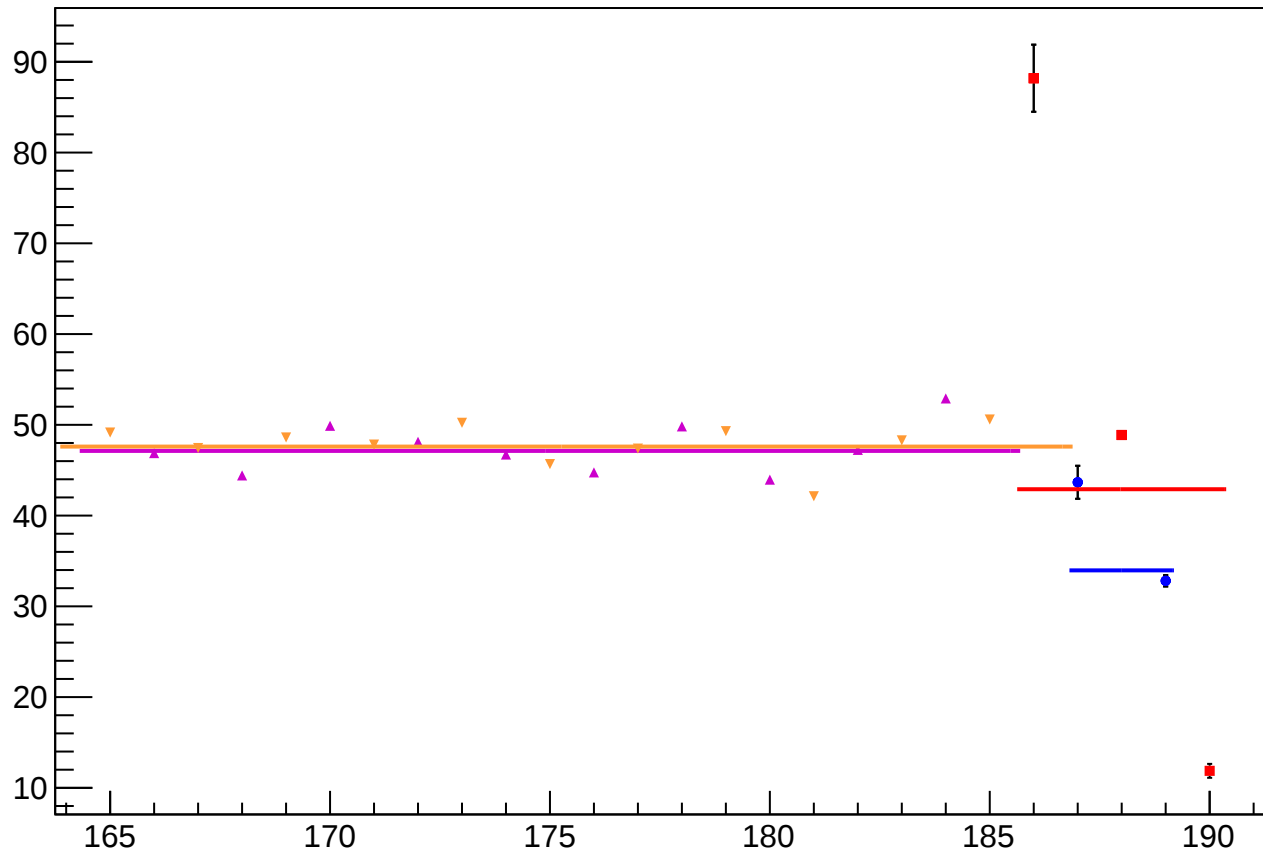
Left In: 5.932 ± 0.105 χ^2/NDF : 3720.9/9

+ sign 4.122 ± 0.092 χ^2/NDF : 6975.1/14

All: 2.685 ± 0.059 χ^2/NDF : 17360.3/29

- sign 1.682 ± 0.077 χ^2/NDF : 9974.1/14

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 33.963 $\pm$ 0.419 χ^2/NDF : 63.6/3

Left Out: 47.603 $\pm$ 0.096 χ^2/NDF : 584.6/10

Right Out: 42.904 $\pm$ 0.323 χ^2/NDF : 2211.0/4

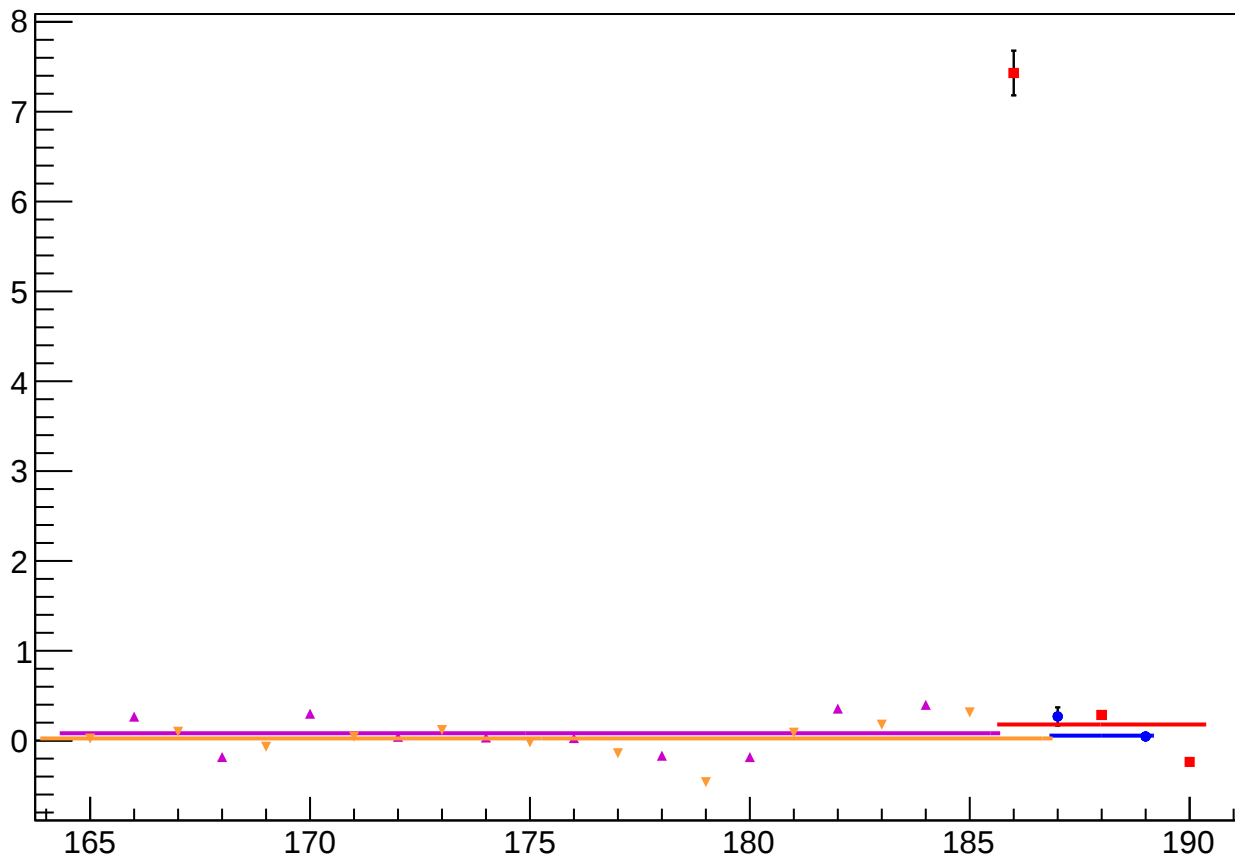
Left In: 47.126 $\pm$ 0.099 χ^2/NDF : 549.5/9

+ sign 46.928 $\pm$ 0.093 χ^2/NDF : 1657.5/14

All: 46.848 $\pm$ 0.066 χ^2/NDF : 4575.3/29

- sign 46.765 $\pm$ 0.095 χ^2/NDF : 2916.3/14

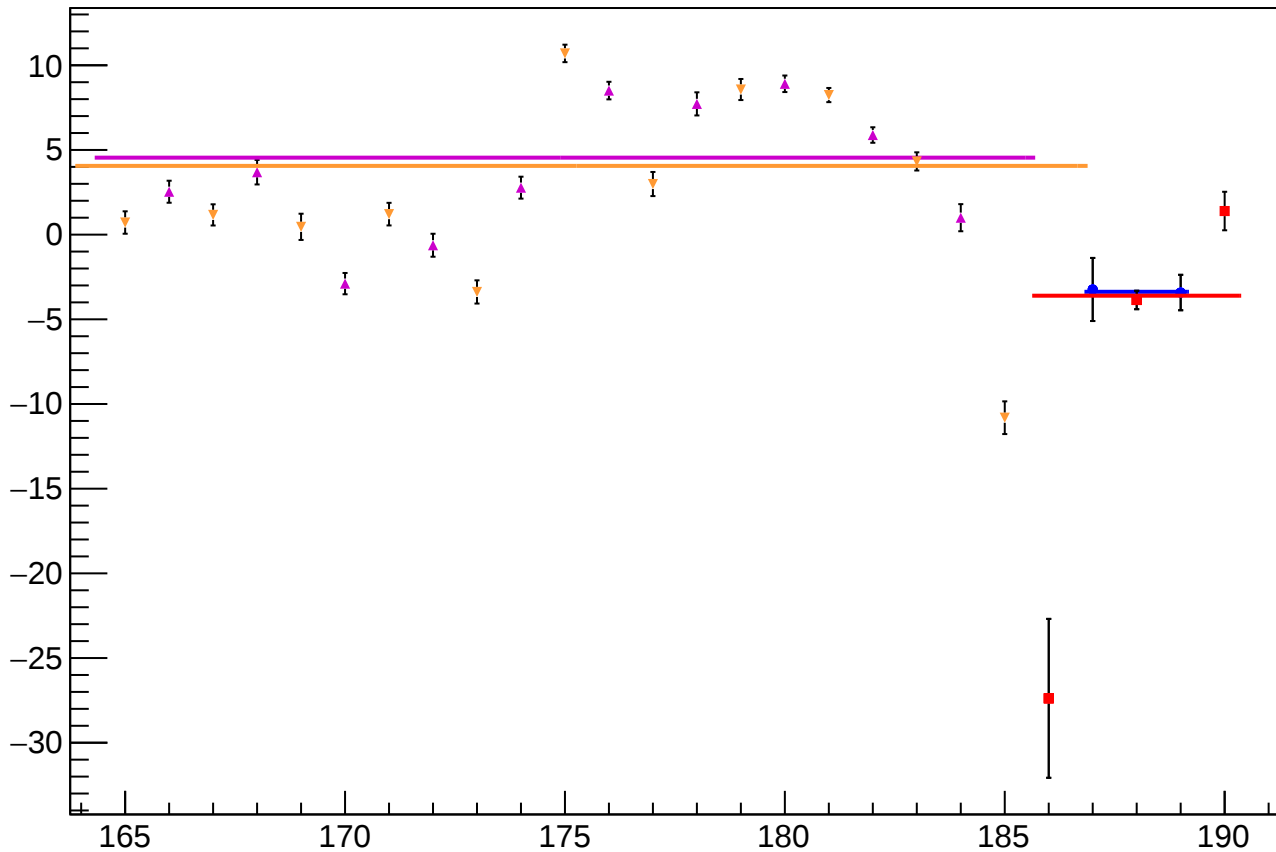
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.056 $\pm$ 0.015 χ^2 /NDF: 9.3/3
 Left Out: 0.024 $\pm$ 0.004 χ^2 /NDF:1395.2/10
 Right Out: 0.179 $\pm$ 0.014 χ^2 /NDF: 2003.7/4
 Left In: 0.082 $\pm$ 0.004 χ^2 /NDF:2069.9/9

+ sign 0.027 $\pm$ 0.004 χ^2 /NDF: 1408.7/14
 All: 0.058 $\pm$ 0.003 χ^2 /NDF: 5649.5/29
 - sign 0.091 $\pm$ 0.004 χ^2 /NDF: 4118.6/14

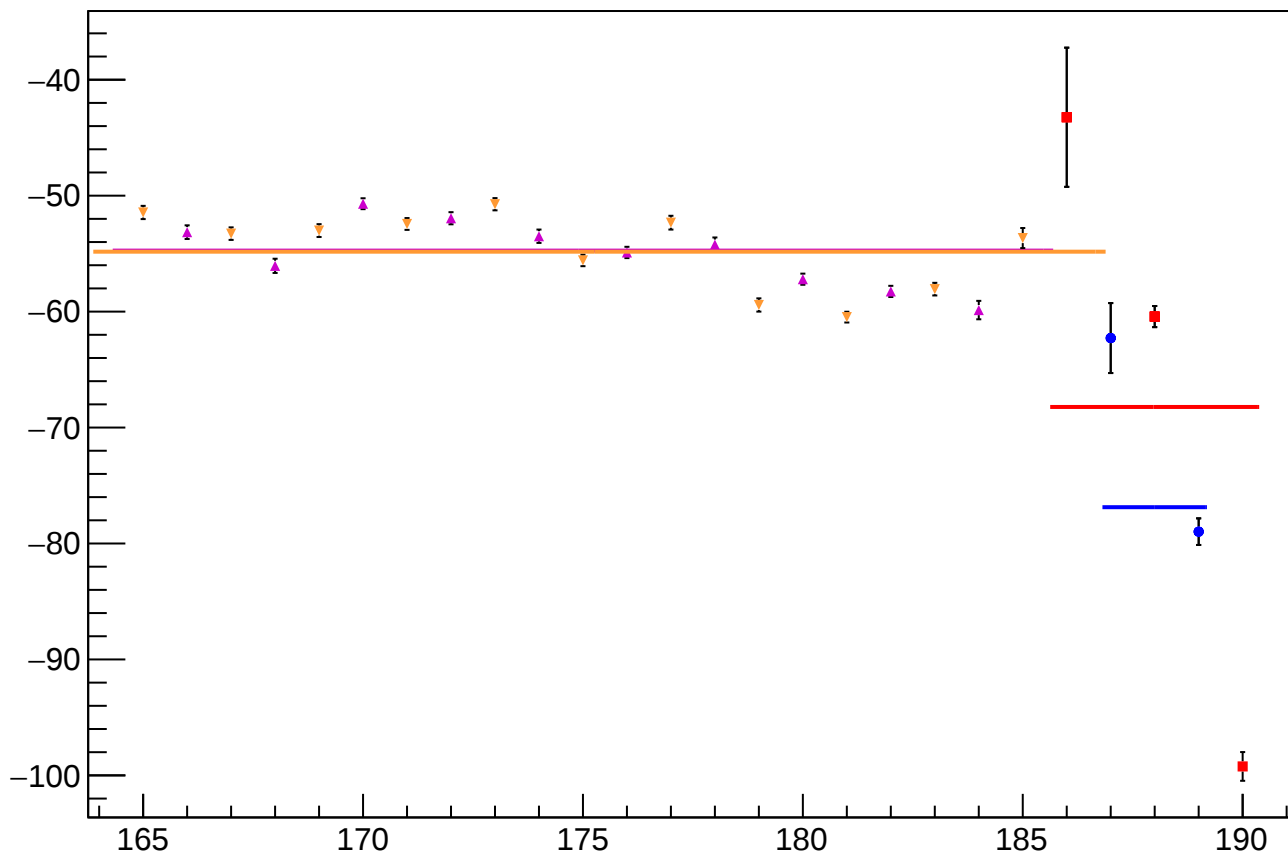
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -3.376+/-0.645 χ^2/NDF : 0.0/3
 Left Out: 4.059+/-0.184 χ^2/NDF : 761.9/10
 Right Out: -3.606+/-0.362 χ^2/NDF : 71.1/4
 Left In: 4.545+/-0.190 χ^2/NDF : 404.4/9

+ sign 3.498+/-0.177 χ^2/NDF : 884.8/14
 All: 3.126+/-0.122 χ^2/NDF : 1765.4/29
 - sign 2.791+/-0.168 χ^2/NDF : 872.3/14

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -76.869 ± 0.759 χ^2/NDF : 53.5/3

Left Out: -54.831 ± 0.166 χ^2/NDF : 405.1/10

Right Out: -68.224 ± 0.566 χ^2/NDF : 807.1/4

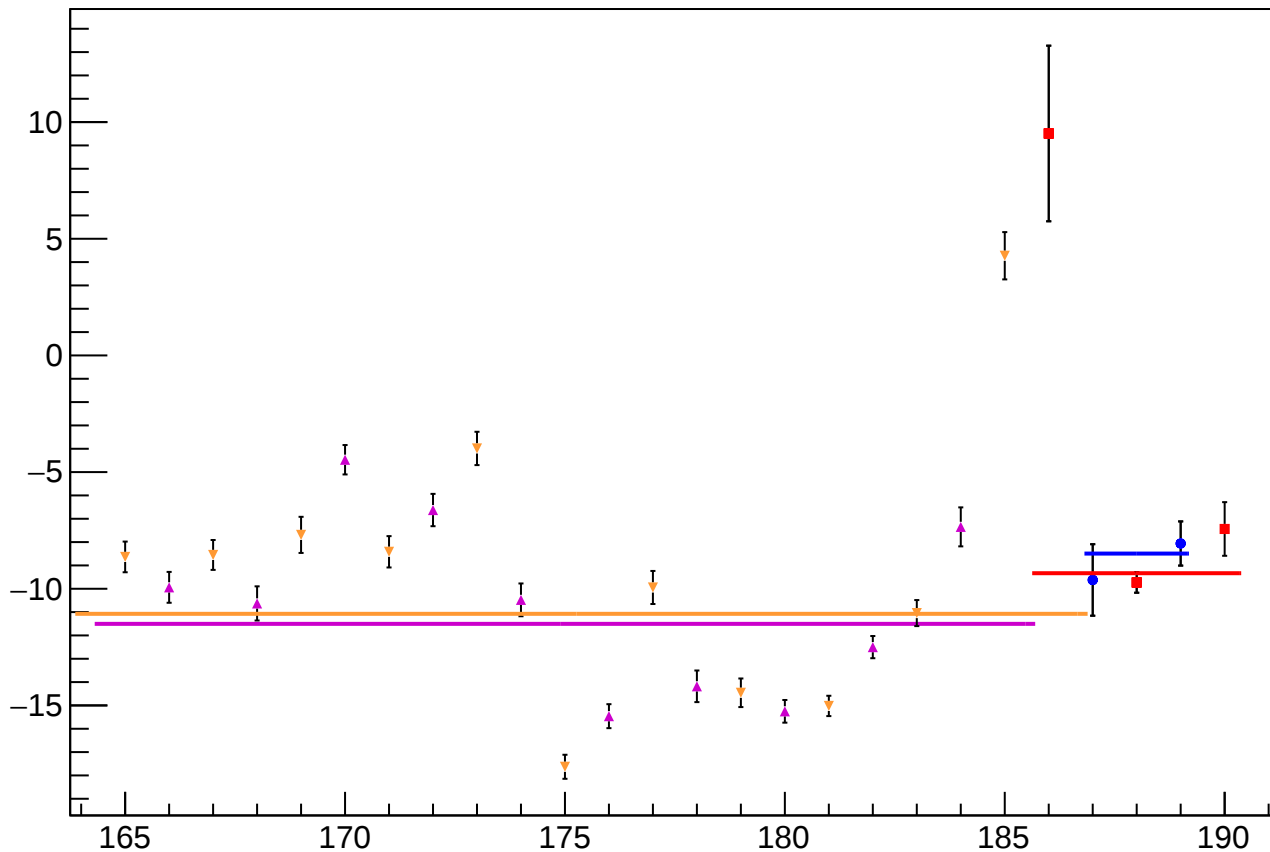
Left In: -54.739 ± 0.172 χ^2/NDF : 240.7/9

+ sign -55.835 ± 0.162 χ^2/NDF : 1264.1/14

All: -55.857 ± 0.115 χ^2/NDF : 2831.1/29

- sign -55.880 ± 0.165 χ^2/NDF : 1567.0/14

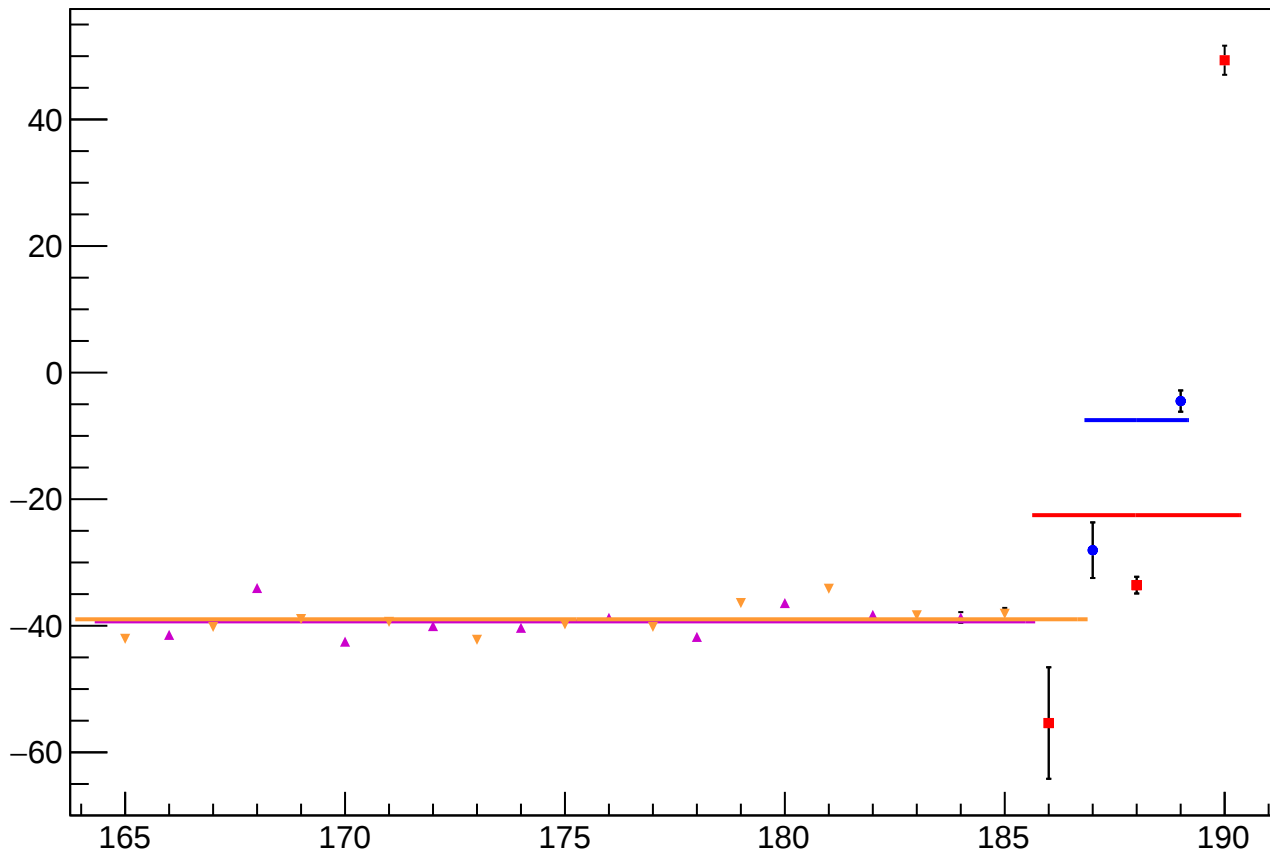
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -8.492±0.569 χ^2/NDF : 1.5/3
 Left Out: -11.074±0.187 χ^2/NDF : 669.1/10
 Right Out: -9.333±0.298 χ^2/NDF : 54.5/4
 Left In: -11.504±0.193 χ^2/NDF : 347.0/9

+ sign -10.822±0.178 χ^2/NDF : 689.2/14
 All: -10.845±0.120 χ^2/NDF : 1128.0/29
 - sign -10.864±0.162 χ^2/NDF : 438.8/14

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -7.507 ± 1.110 $\chi^2/\text{NDF}: 50.2/3$

Left Out: -38.976 ± 0.179 $\chi^2/\text{NDF}: 183.0/10$

Right Out: -22.524 ± 0.856 $\chi^2/\text{NDF}: 1142.9/4$

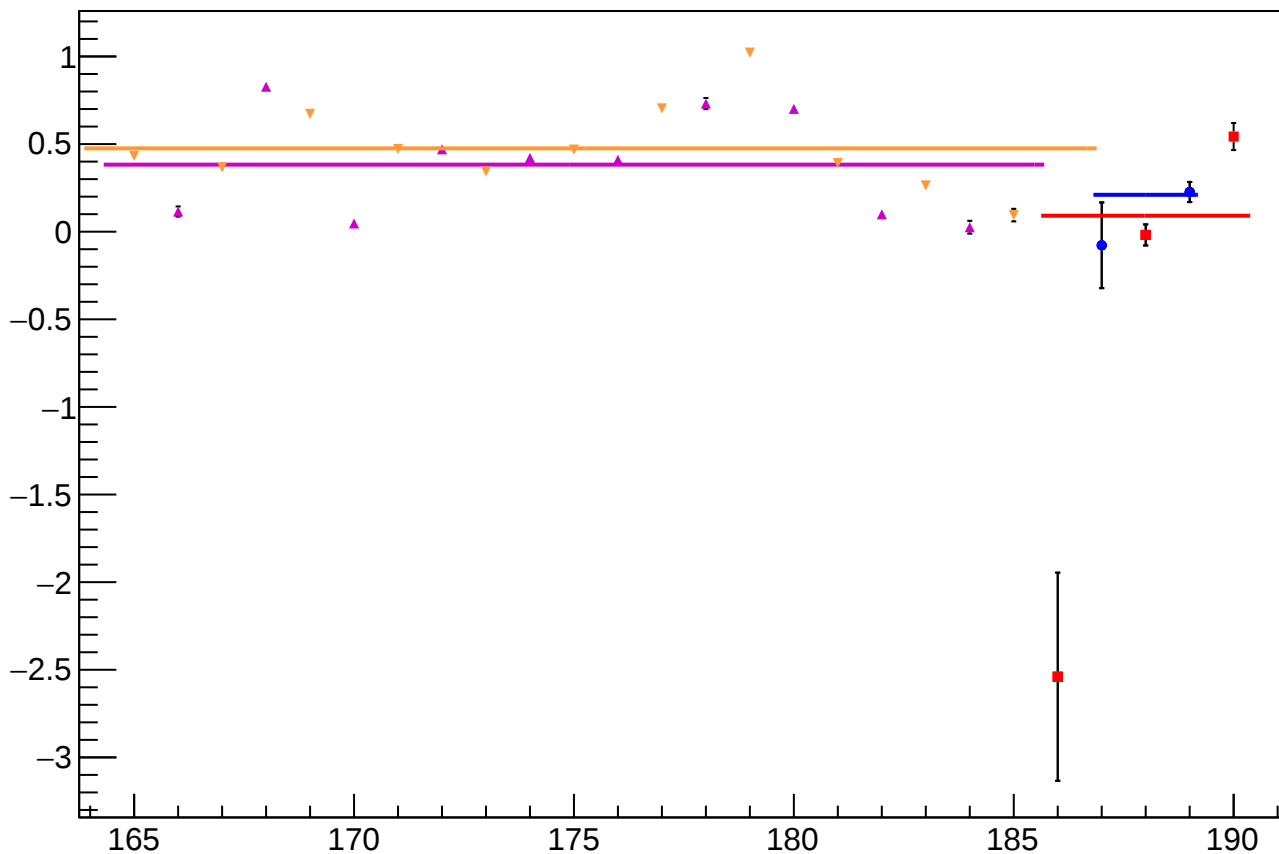
Left In: -39.309 ± 0.185 $\chi^2/\text{NDF}: 162.1/9$

+ sign -38.180 ± 0.177 $\chi^2/\text{NDF}: 1016.2/14$

All: -38.364 ± 0.126 $\chi^2/\text{NDF}: 2690.7/29$

- sign -38.557 ± 0.181 $\chi^2/\text{NDF}: 1672.3/14$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.211 $\pm$ 0.040 χ^2 /NDF: 2.9/3

Left Out: 0.476 $\pm$ 0.008 χ^2 /NDF: 727.9/10

Right Out: 0.091 $\pm$ 0.037 χ^2 /NDF: 80.0/4

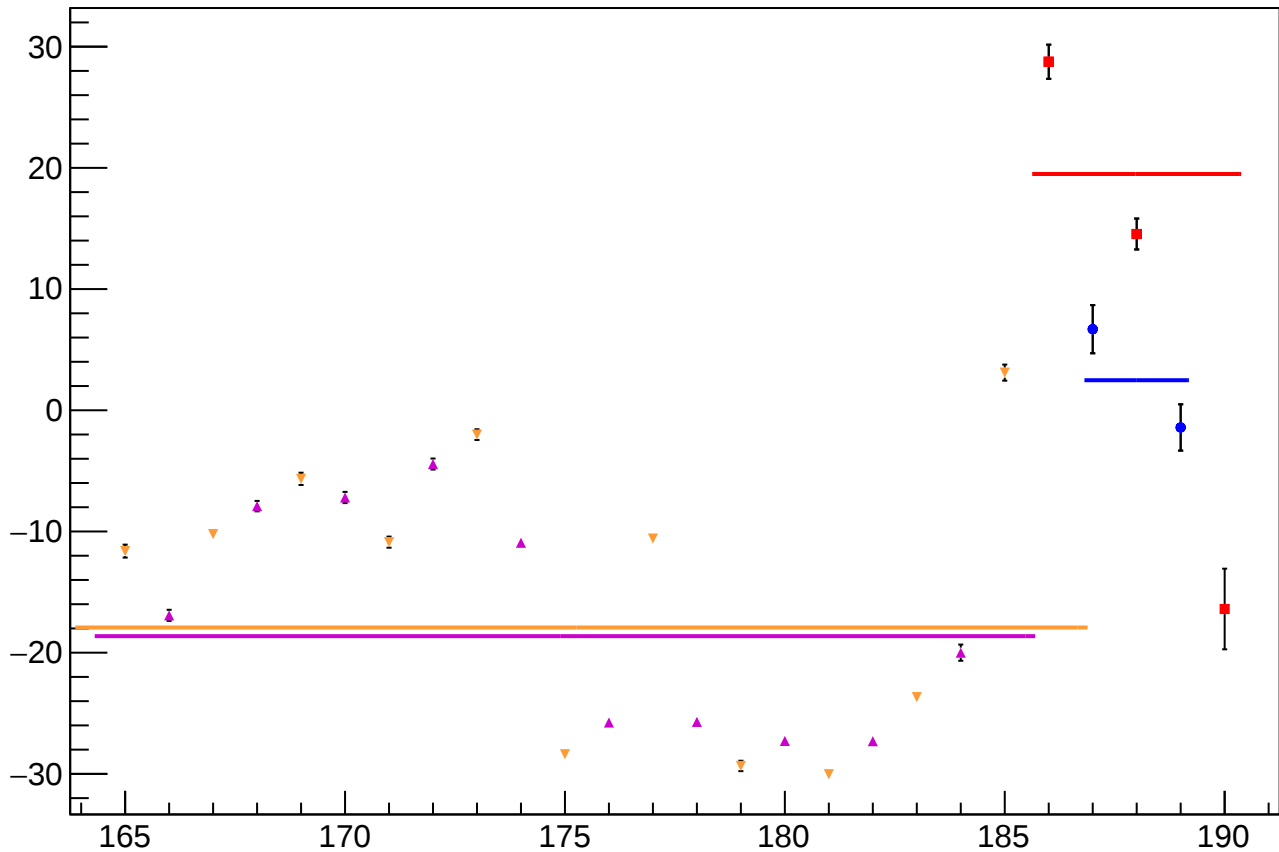
Left In: 0.383 $\pm$ 0.008 χ^2 /NDF: 1116.2/9

+ sign 0.465 $\pm$ 0.008 χ^2 /NDF: 773.9/14

All: 0.418 $\pm$ 0.006 χ^2 /NDF: 2102.9/29

- sign 0.369 $\pm$ 0.008 χ^2 /NDF: 1254.9/14

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 2.479 ± 0.974 $\chi^2/\text{NDF}: 17.3/3$

Left Out: -17.922 ± 0.126 $\chi^2/\text{NDF}: 7410.0/10$

Right Out: 19.496 ± 0.656 $\chi^2/\text{NDF}: 232.8/4$

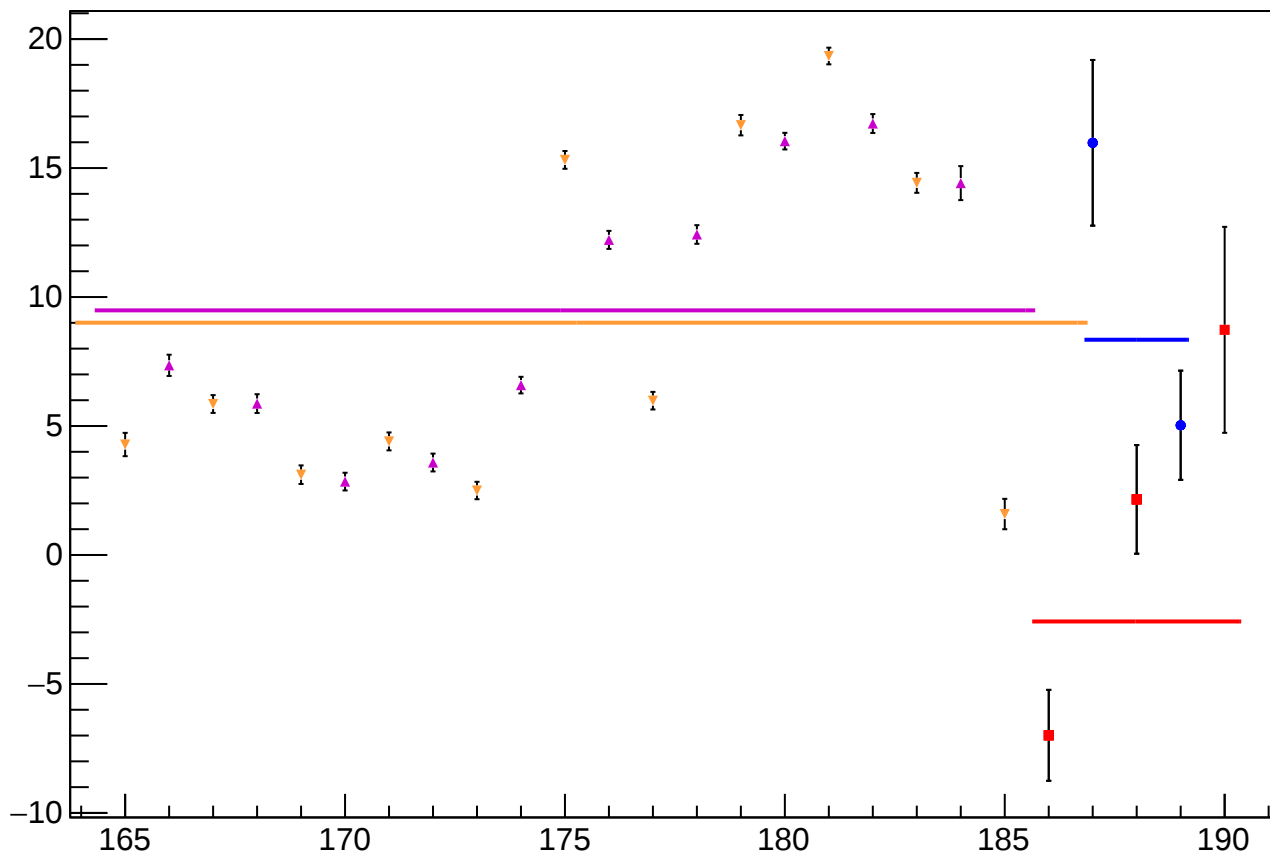
Left In: -18.637 ± 0.129 $\chi^2/\text{NDF}: 4636.5/9$

+ sign -17.586 ± 0.125 $\chi^2/\text{NDF}: 7858.8/14$

All: -17.402 ± 0.089 $\chi^2/\text{NDF}: 15986.5/29$

- sign -17.212 ± 0.127 $\chi^2/\text{NDF}: 8123.3/14$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 8.344 ± 1.250 χ^2/NDF : 16.2/3

Left Out: 9.005 ± 0.111 χ^2/NDF : 3173.0/10

Right Out: -2.577 ± 0.929 χ^2/NDF : 30.7/4

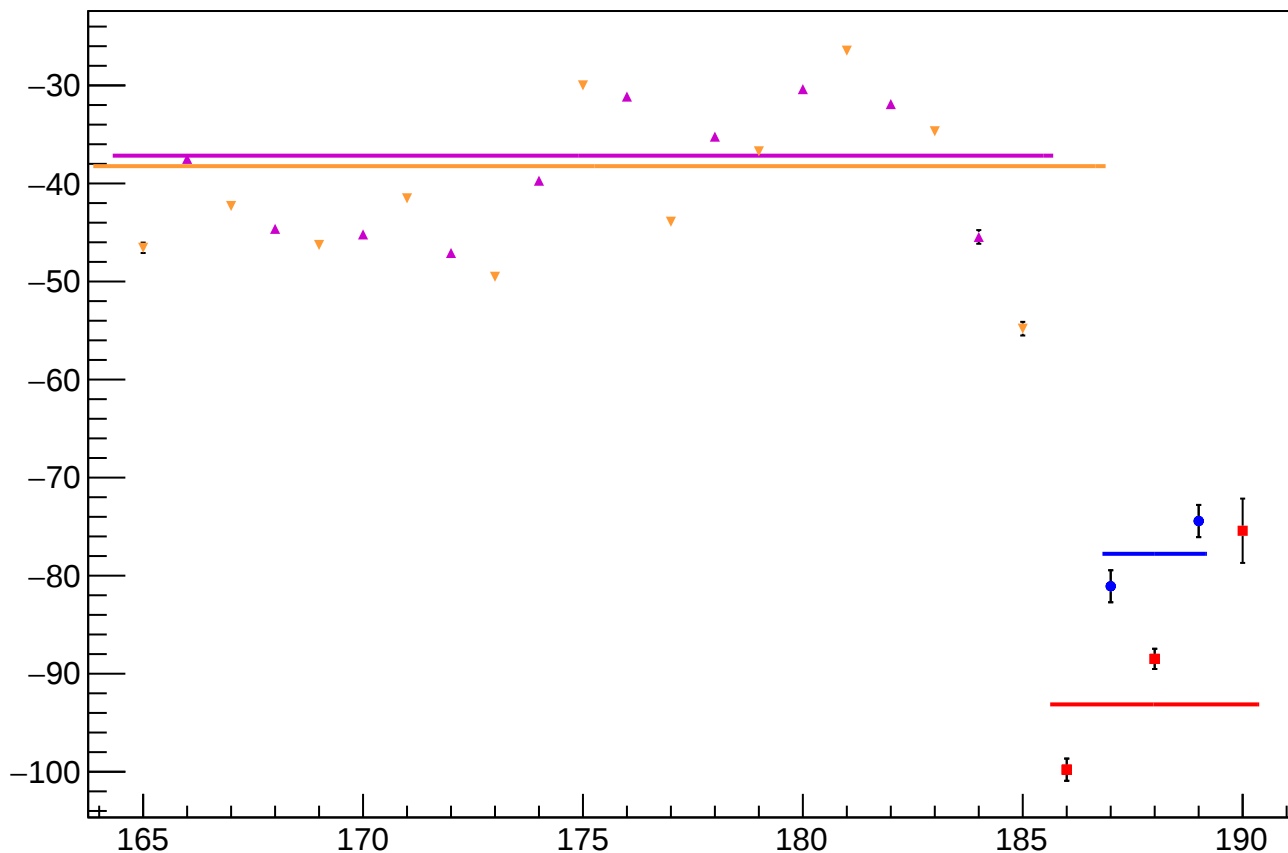
Left In: 9.484 ± 0.115 χ^2/NDF : 1861.5/9

+ sign 9.000 ± 0.111 χ^2/NDF : 3189.5/14

All: 9.146 ± 0.080 χ^2/NDF : 5251.0/29

- sign 9.301 ± 0.114 χ^2/NDF : 2058.0/14

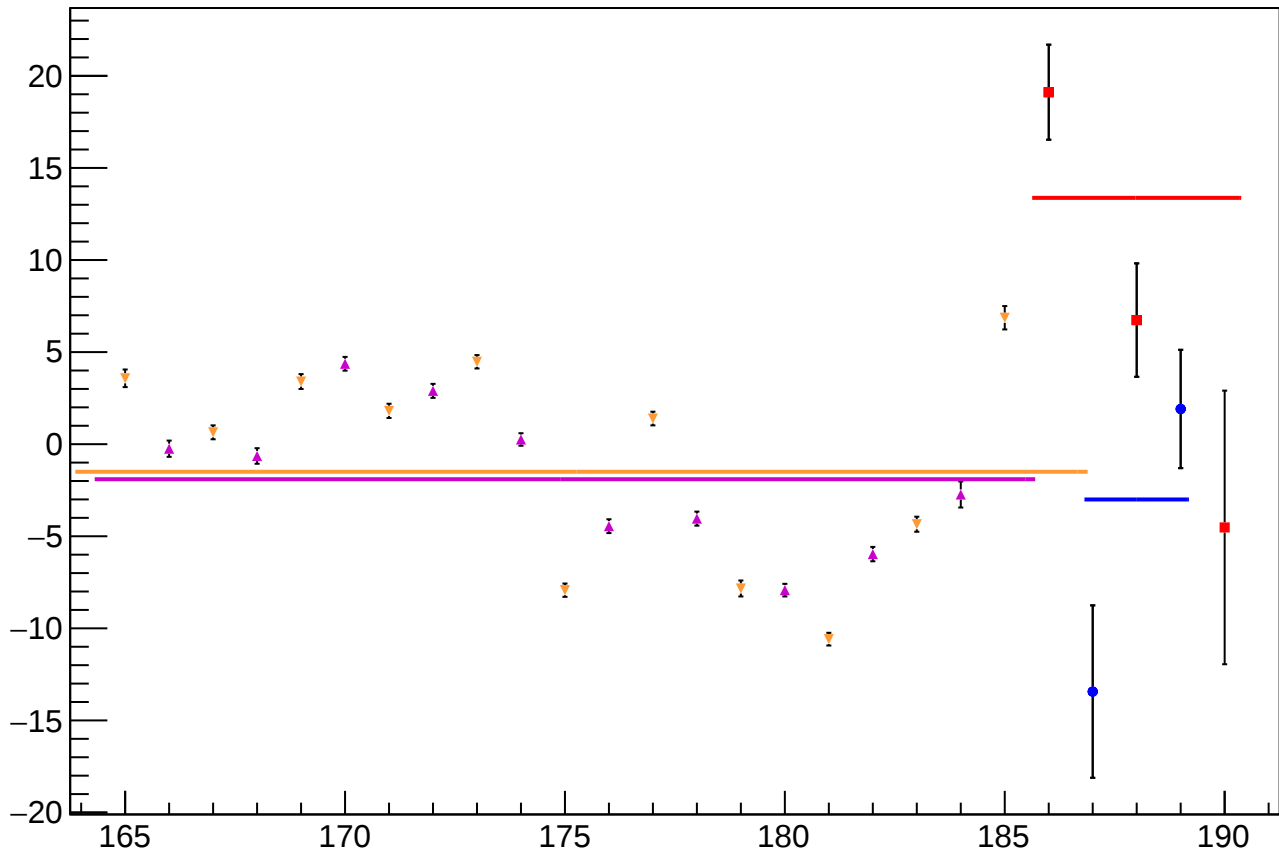
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -77.771 ± 0.819 $\chi^2/\text{NDF}: 16.5/3$
 Left Out: -38.234 ± 0.128 $\chi^2/\text{NDF}: 4099.0/10$
 Right Out: -93.131 ± 0.532 $\chi^2/\text{NDF}: 138.9/4$
 Left In: -37.164 ± 0.132 $\chi^2/\text{NDF}: 2148.2/9$

+ sign -39.181 ± 0.127 $\chi^2/\text{NDF}: 6392.7/14$
 All: -39.781 ± 0.090 $\chi^2/\text{NDF}: 19160.2/29$
 - sign -40.391 ± 0.128 $\chi^2/\text{NDF}: 12722.3/14$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: -3.003 ± 1.873 χ^2/NDF : 14.6/3

Left Out: -1.497 ± 0.121 χ^2/NDF : 2136.5/10

Right Out: 13.375 ± 1.375 χ^2/NDF : 25.0/4

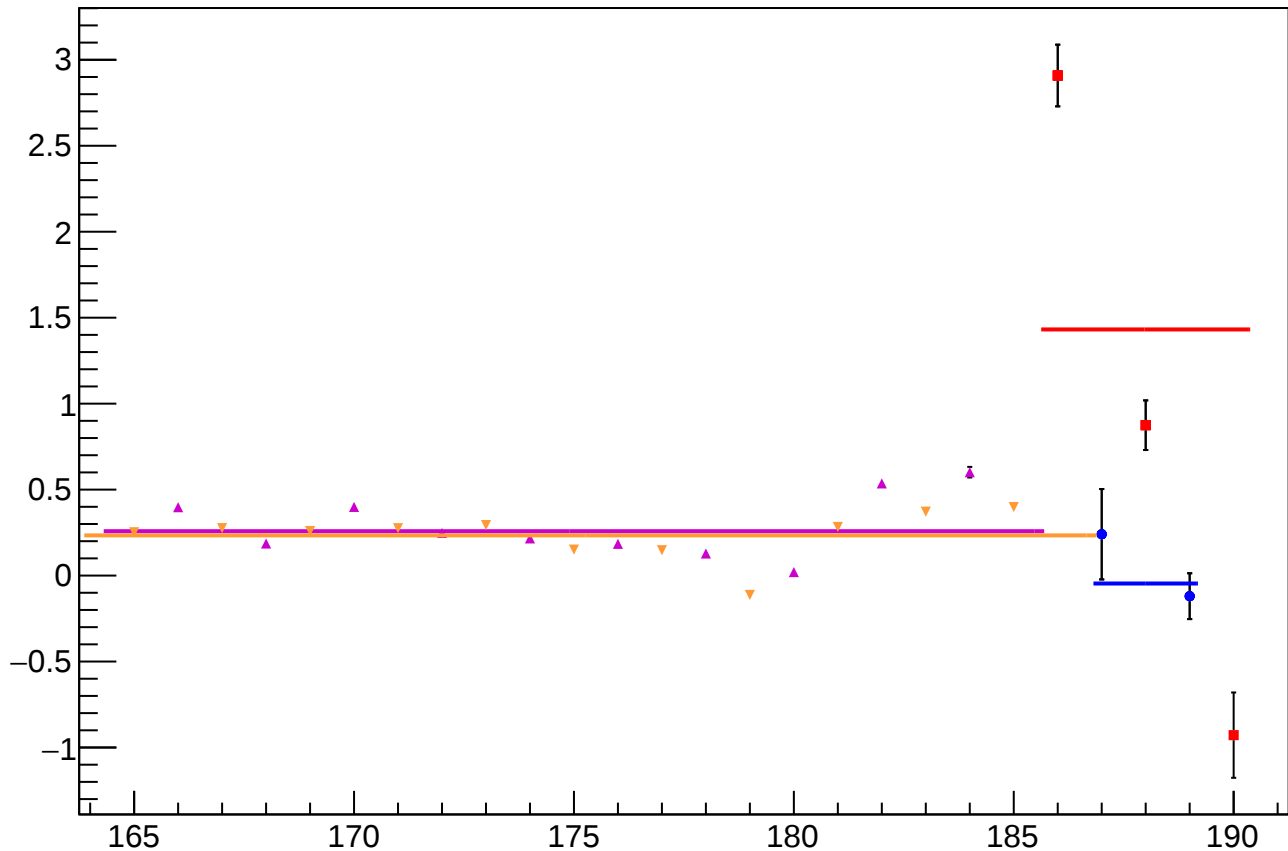
Left In: -1.903 ± 0.124 χ^2/NDF : 1000.2/9

+ sign -1.503 ± 0.120 χ^2/NDF : 2151.8/14

All: -1.637 ± 0.086 χ^2/NDF : 3302.0/29

- sign -1.778 ± 0.124 χ^2/NDF : 1147.7/14

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.046 ± 0.084 χ^2/NDF : 3.0/3

Left Out: 0.234 ± 0.005 χ^2/NDF : 500.8/10

Right Out: 1.432 ± 0.076 χ^2/NDF : 255.8/4

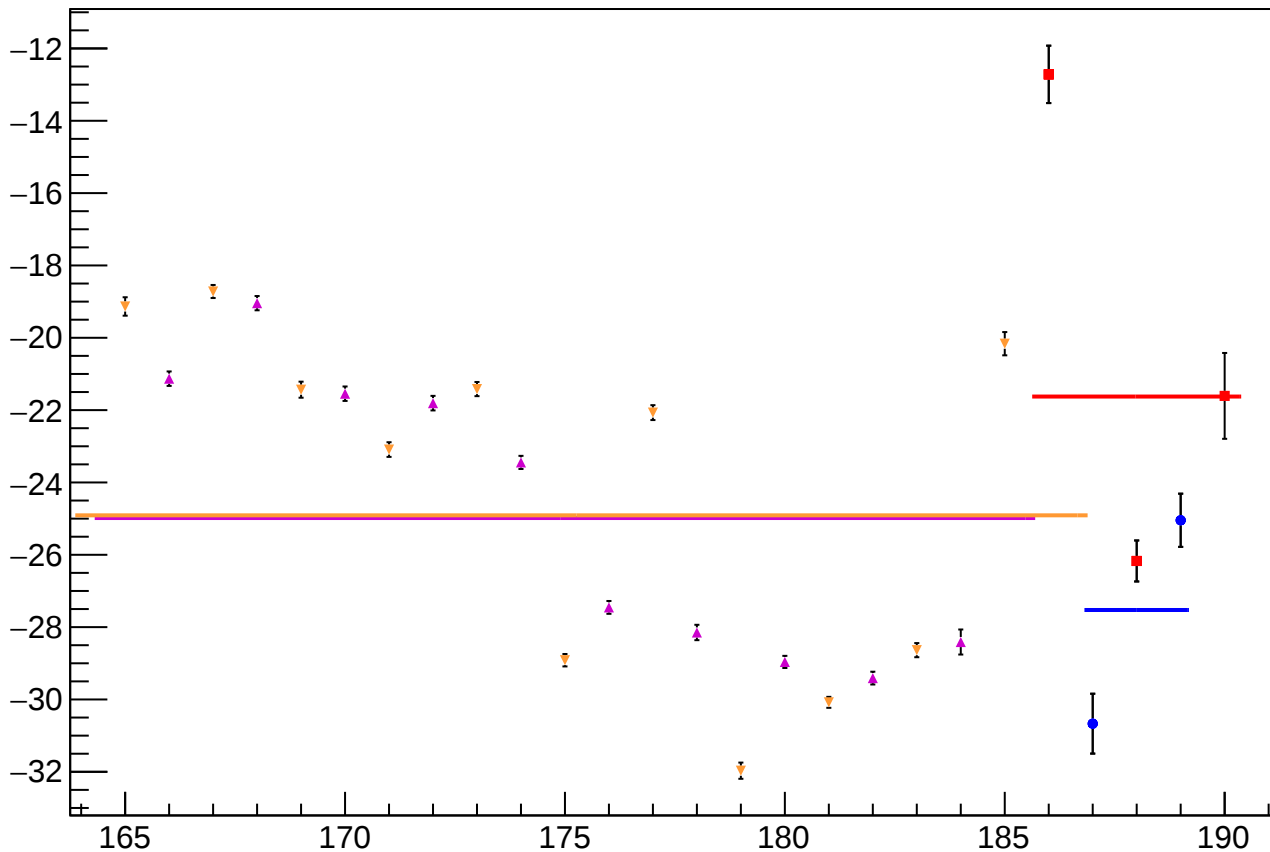
Left In: 0.258 ± 0.006 χ^2/NDF : 798.7/9

+ sign 0.233 ± 0.005 χ^2/NDF : 514.8/14

All: 0.248 ± 0.004 χ^2/NDF : 1825.3/29

- sign 0.264 ± 0.006 χ^2/NDF : 1293.4/14

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -27.526 ± 0.389 χ^2/NDF : 51.6/3

Left Out: -24.909 ± 0.060 χ^2/NDF : 5800.1/10

Right Out: -21.625 ± 0.315 χ^2/NDF : 380.5/4

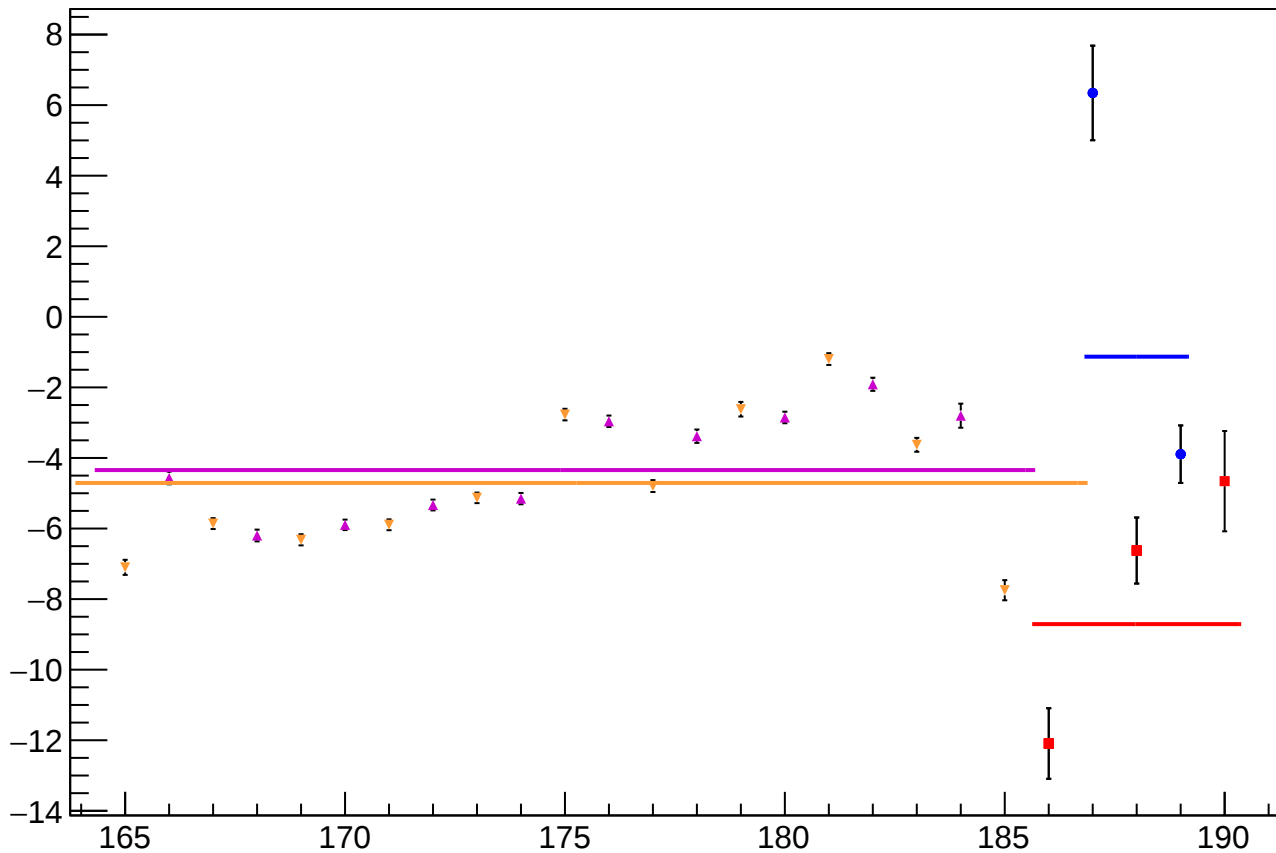
Left In: -24.983 ± 0.062 χ^2/NDF : 3594.7/9

+ sign -24.971 ± 0.060 χ^2/NDF : 5896.0/14

All: -24.915 ± 0.043 χ^2/NDF : 9982.7/29

- sign -24.858 ± 0.061 χ^2/NDF : 4085.0/14

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -1.129 $\pm$ 0.492 χ^2 /NDF: 85.2/3

Left Out: -4.708 $\pm$ 0.053 χ^2 /NDF:1176.8/10

Right Out: -8.709 $\pm$ 0.457 χ^2 /NDF: 41.0/4

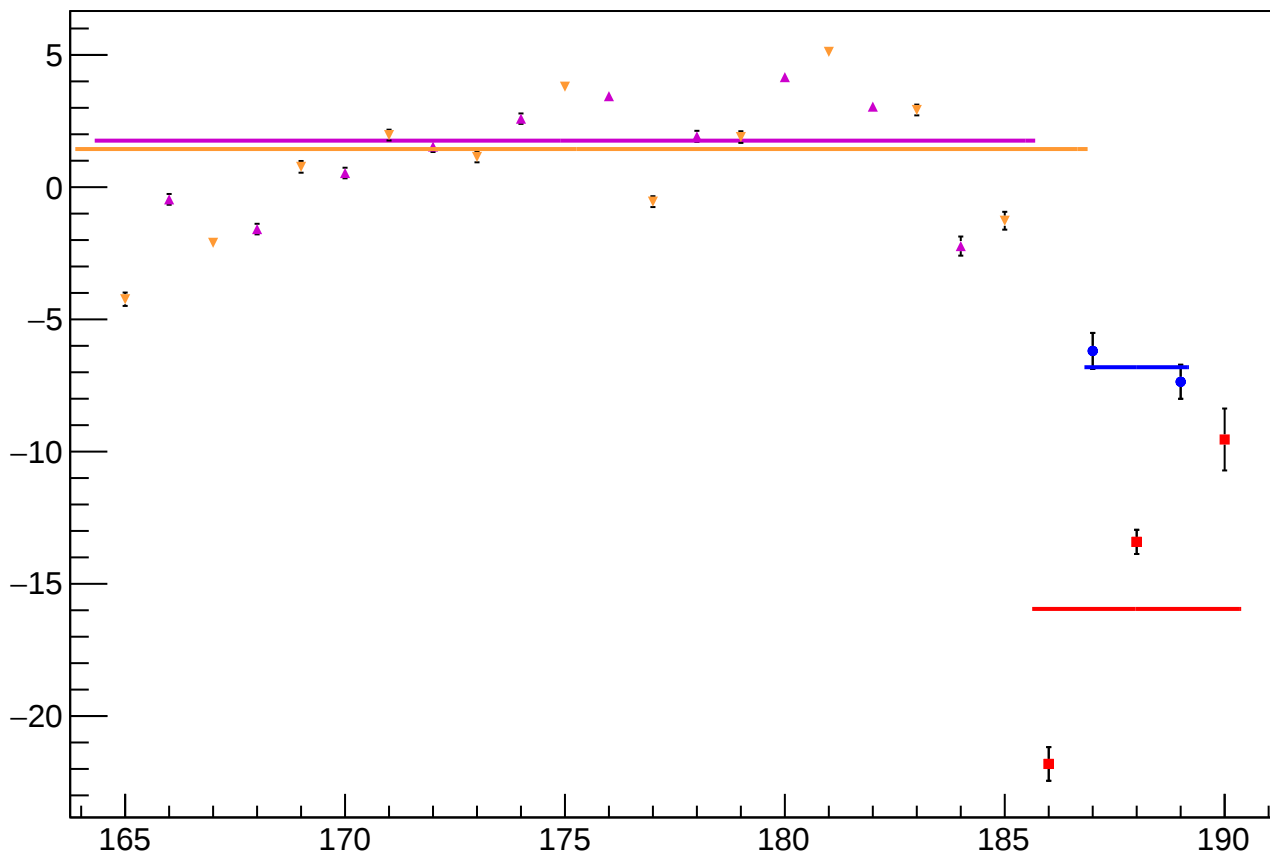
Left In: -4.343 $\pm$ 0.055 χ^2 /NDF:673.3/9

+ sign -4.667 $\pm$ 0.052 χ^2 /NDF: 1314.3/14

All: -4.541 $\pm$ 0.038 χ^2 /NDF: 2130.3/29

- sign -4.405 $\pm$ 0.054 χ^2 /NDF: 804.0/14

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -6.809 ± 0.331 χ^2/NDF : 3.1/3

Left Out: 1.442 ± 0.061 χ^2/NDF : 1835.8/10

Right Out: -15.949 ± 0.256 χ^2/NDF : 260.7/4

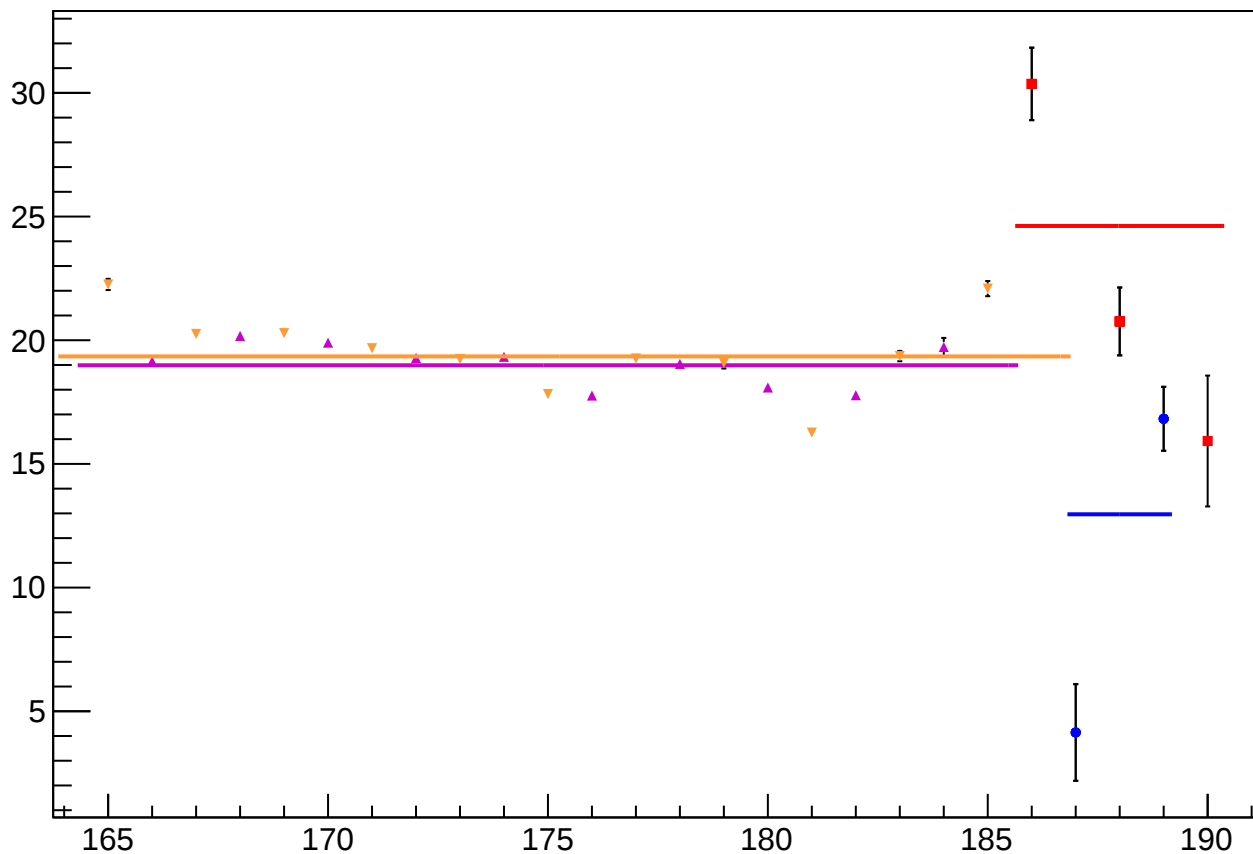
Left In: 1.759 ± 0.063 χ^2/NDF : 924.7/9

+ sign 1.166 ± 0.060 χ^2/NDF : 2441.1/14

All: 0.960 ± 0.043 χ^2/NDF : 8147.9/29

- sign 0.749 ± 0.061 χ^2/NDF : 5683.4/14

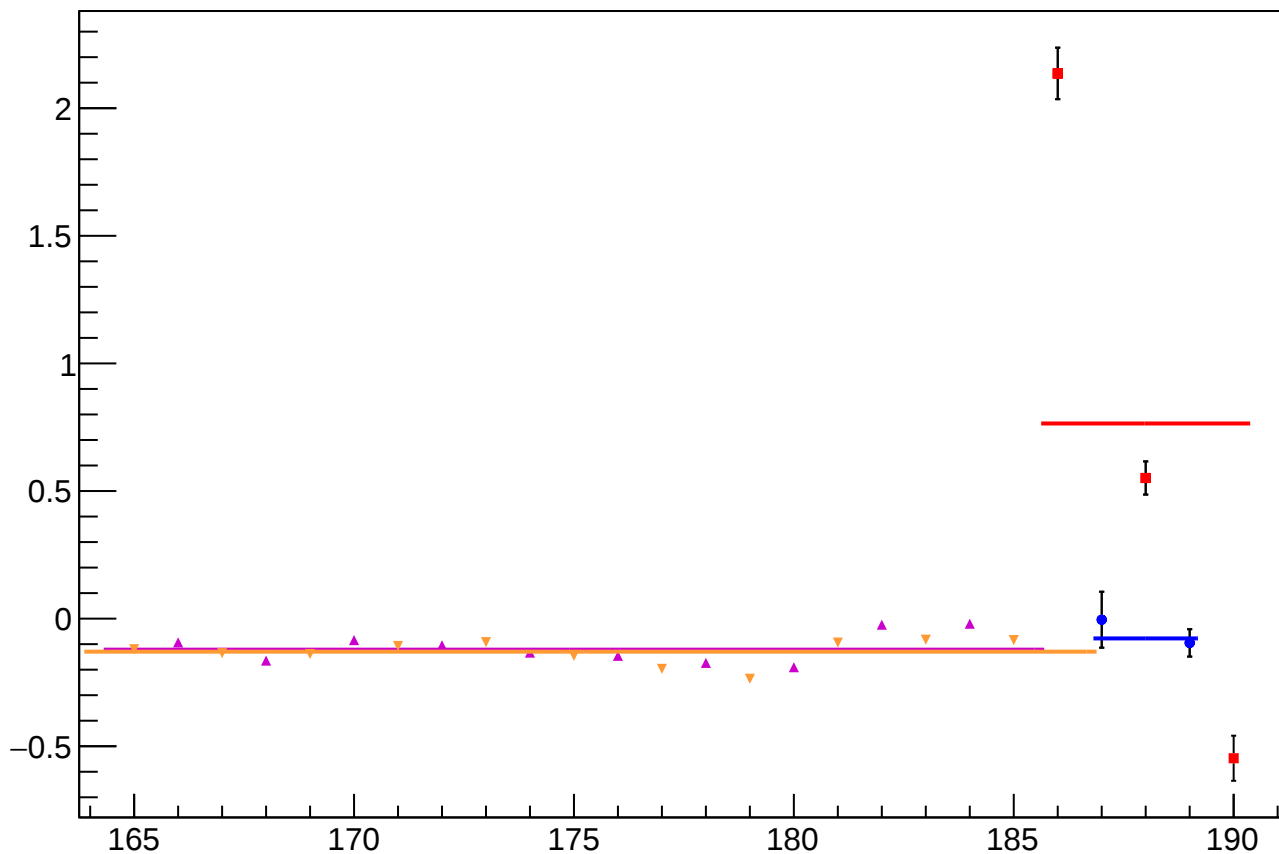
reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



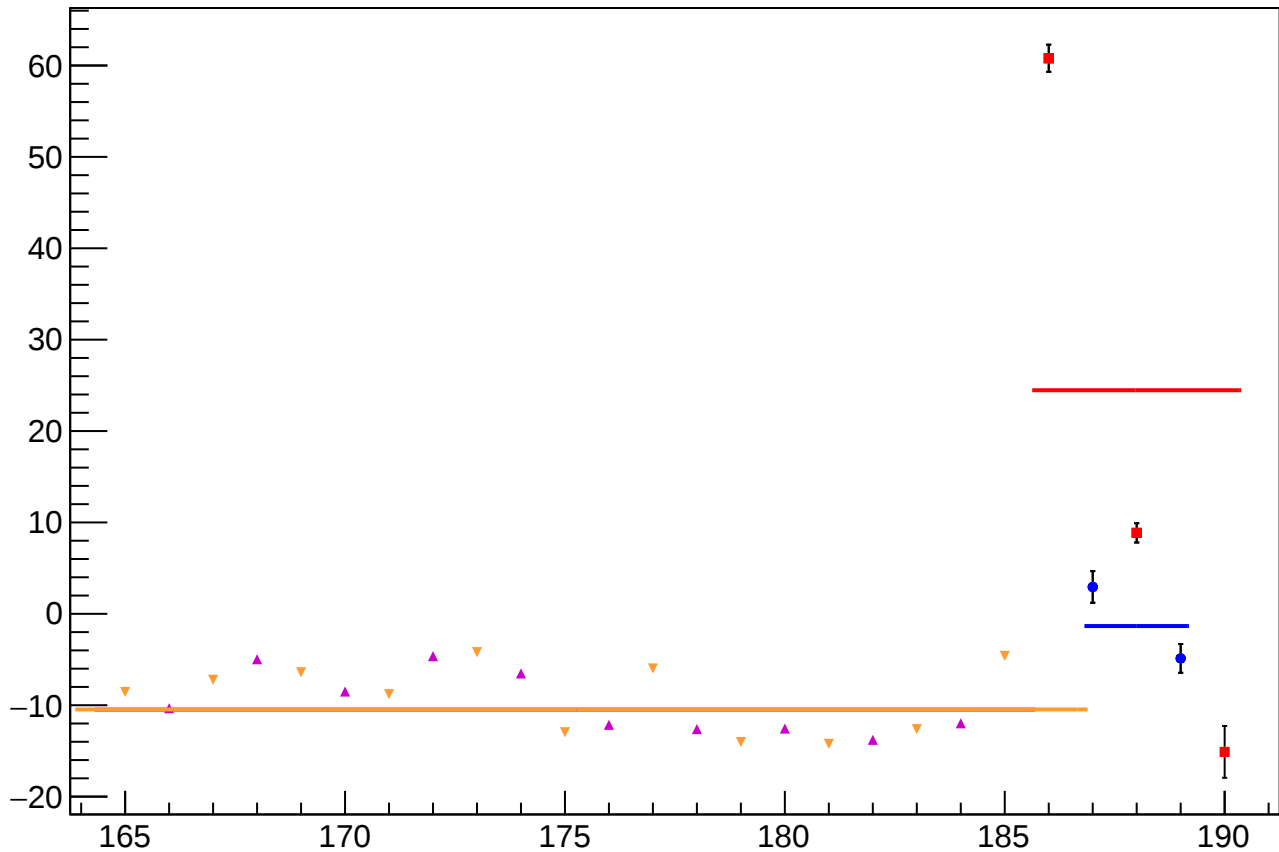
Right In: 12.963 $\pm$ 0.762 χ^2 /NDF: 58.6/3
 Left Out: 19.346 $\pm$ 0.057 χ^2 /NDF: 681.3/10
 Right Out: 24.621 $\pm$ 0.684 χ^2 /NDF: 57.3/4
 Left In: 18.988 $\pm$ 0.059 χ^2 /NDF: 194.2/9

+ sign 19.311 $\pm$ 0.057 χ^2 /NDF: 809.6/14
 All: 19.175 $\pm$ 0.041 χ^2 /NDF: 1140.1/29
 - sign 19.030 $\pm$ 0.059 χ^2 /NDF: 318.8/14

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -1.338+/-0.824 χ^2/NDF : 22.3/3

Left Out: -10.465+/-0.101 χ^2/NDF : 1310.7/10

Right Out: 24.466+/-0.595 χ^2/NDF : 1825.5/4

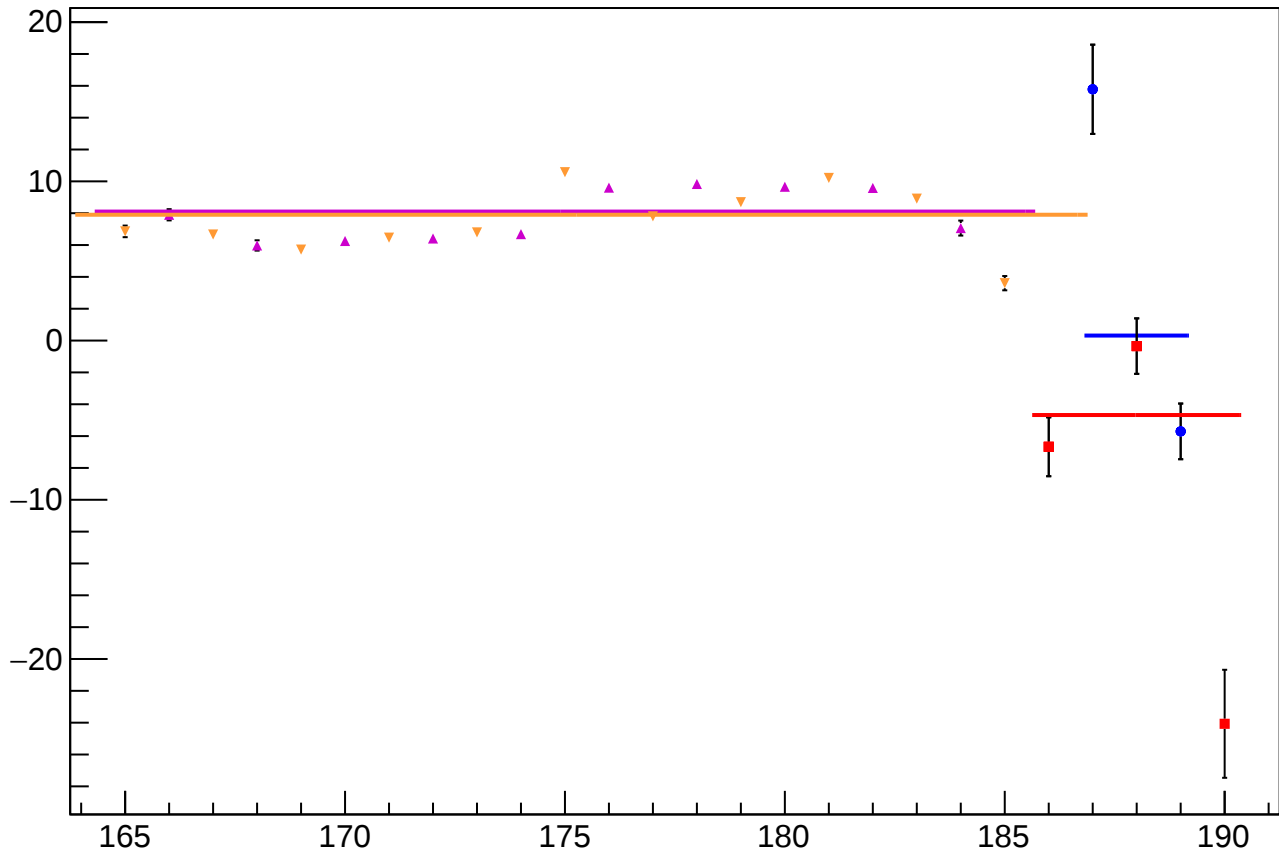
Left In: -10.482+/-0.105 χ^2/NDF : 924.2/9

+ sign -10.329+/-0.101 χ^2/NDF : 1453.8/14

All: -9.894+/-0.072 χ^2/NDF : 7583.8/29

- sign -9.437+/-0.103 χ^2/NDF : 6091.6/14

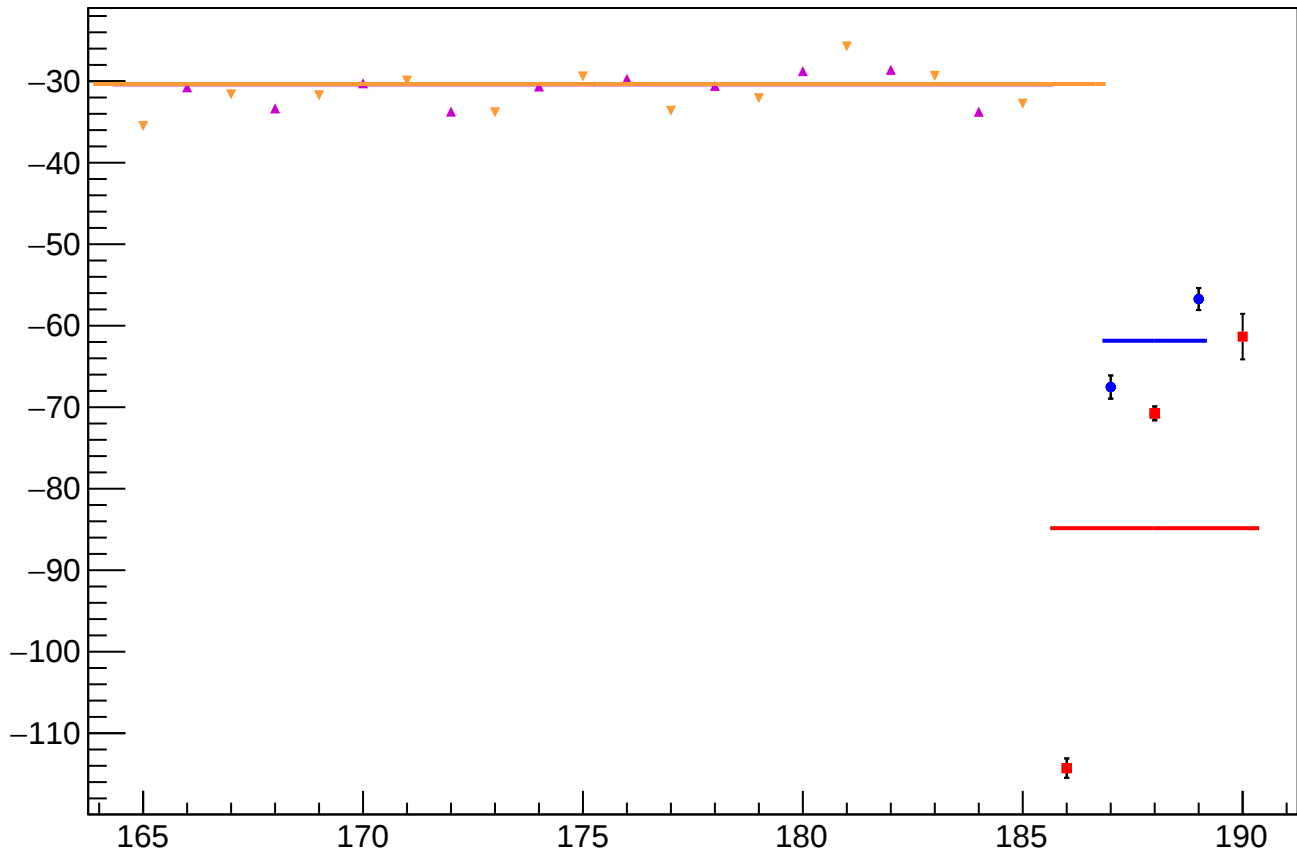
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 0.315 ± 1.049 $\chi^2/\text{NDF}: 84.6/3$
 Left Out: 7.903 ± 0.091 $\chi^2/\text{NDF}: 406.4/10$
 Right Out: -4.677 ± 0.867 $\chi^2/\text{NDF}: 47.3/4$
 Left In: 8.102 ± 0.094 $\chi^2/\text{NDF}: 281.1/9$

+ sign 7.847 ± 0.091 $\chi^2/\text{NDF}: 543.0/14$
 All: 7.898 ± 0.065 $\chi^2/\text{NDF}: 1086.7/29$
 - sign 7.953 ± 0.094 $\chi^2/\text{NDF}: 543.0/14$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -61.842 ± 0.693 χ^2/NDF : 60.6/3

Left Out: -30.343 ± 0.103 χ^2/NDF : 823.9/10

Right Out: -84.843 ± 0.483 χ^2/NDF : 1844.1/4

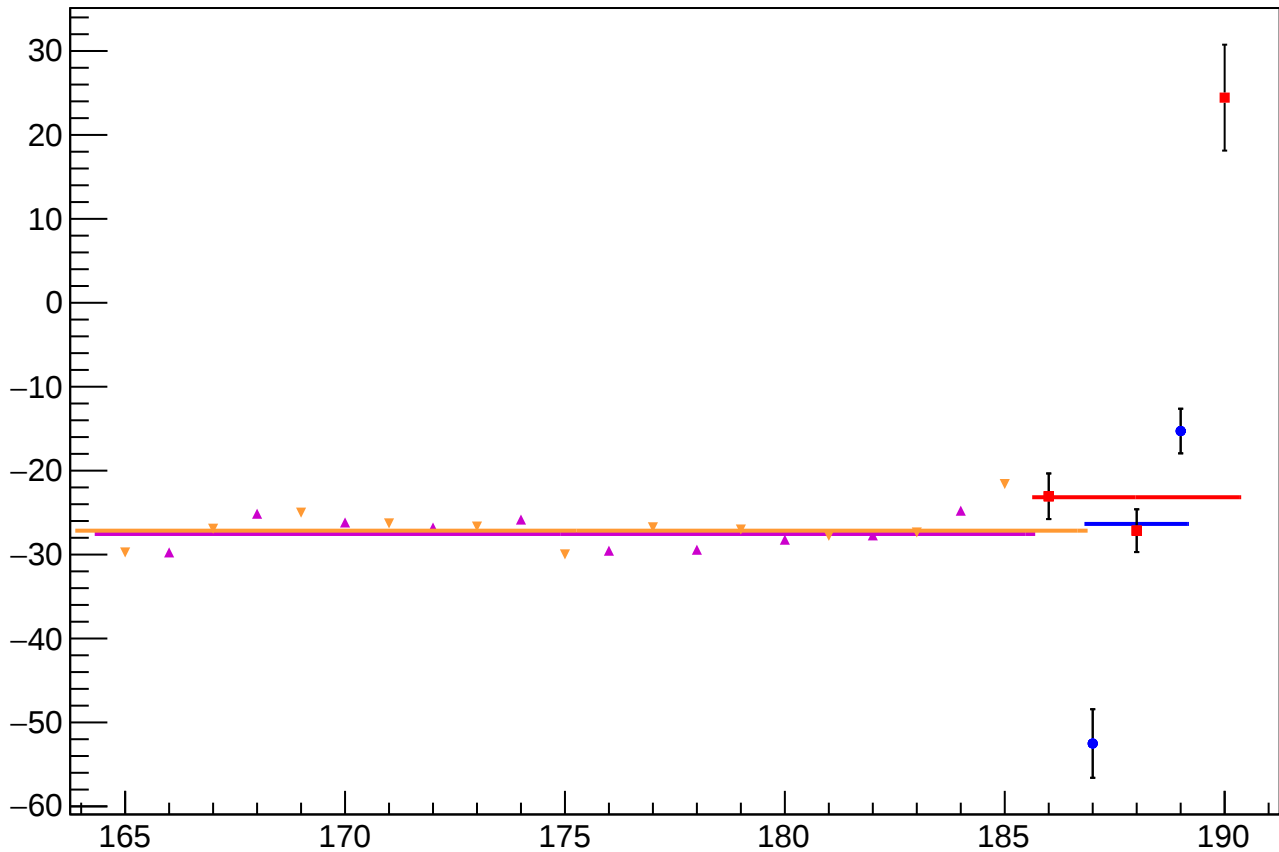
Left In: -30.388 ± 0.106 χ^2/NDF : 265.2/9

+ sign -31.026 ± 0.102 χ^2/NDF : 2907.6/14

All: -31.951 ± 0.073 χ^2/NDF : 17323.5/29

- sign -32.910 ± 0.104 χ^2/NDF : 14248.3/14

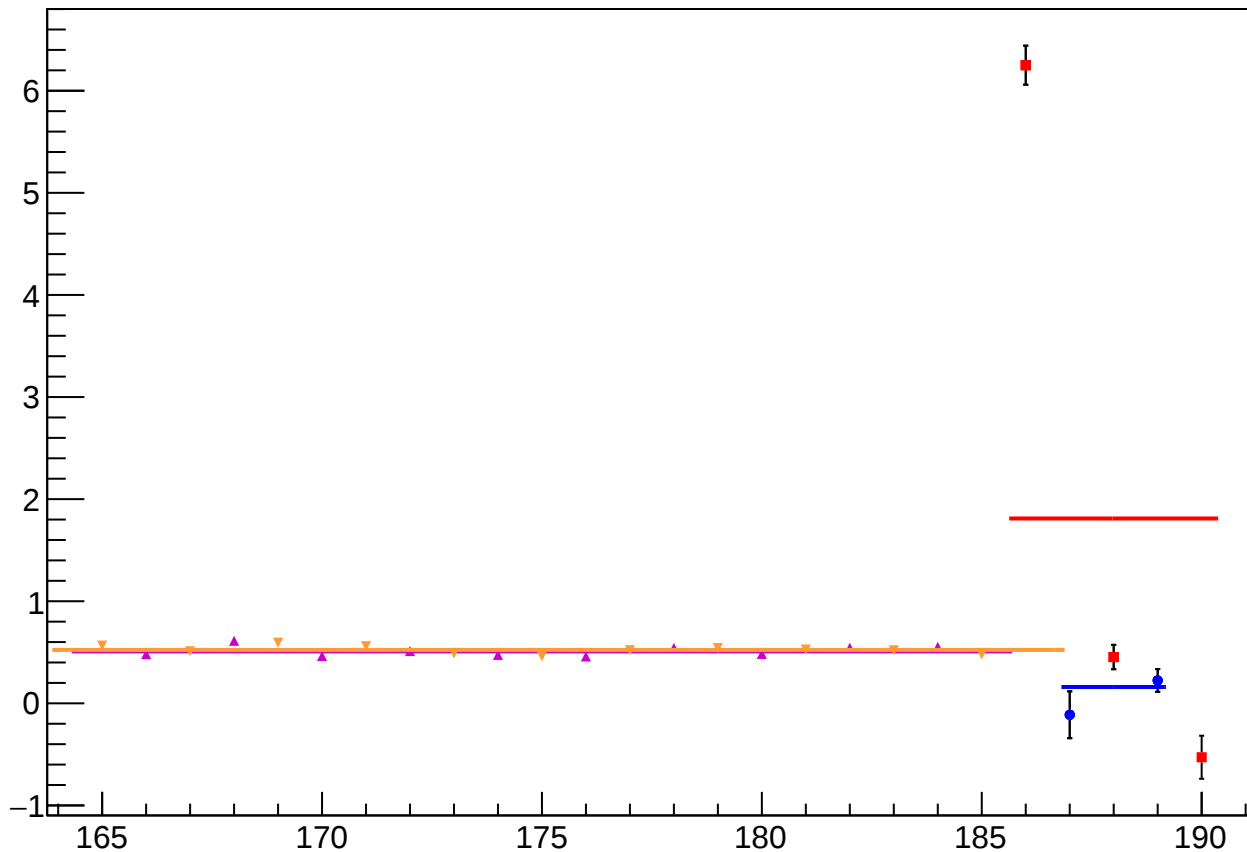
reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -26.348 ± 1.575 χ^2/NDF : 116.7/3
 Left Out: -27.152 ± 0.098 χ^2/NDF : 321.6/10
 Right Out: -23.168 ± 1.287 χ^2/NDF : 61.8/4
 Left In: -27.546 ± 0.102 χ^2/NDF : 249.1/9

+ sign -27.149 ± 0.098 χ^2/NDF : 438.5/14
 All: -27.327 ± 0.071 χ^2/NDF : 767.8/29
 - sign -27.518 ± 0.101 χ^2/NDF : 322.4/14

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.160 $\pm$ 0.071 χ^2 /NDF: 3.5/3

Left Out: 0.523 $\pm$ 0.004 χ^2 /NDF:63.2/10

Right Out: 1.811 $\pm$ 0.068 χ^2 /NDF: 1460.0/4

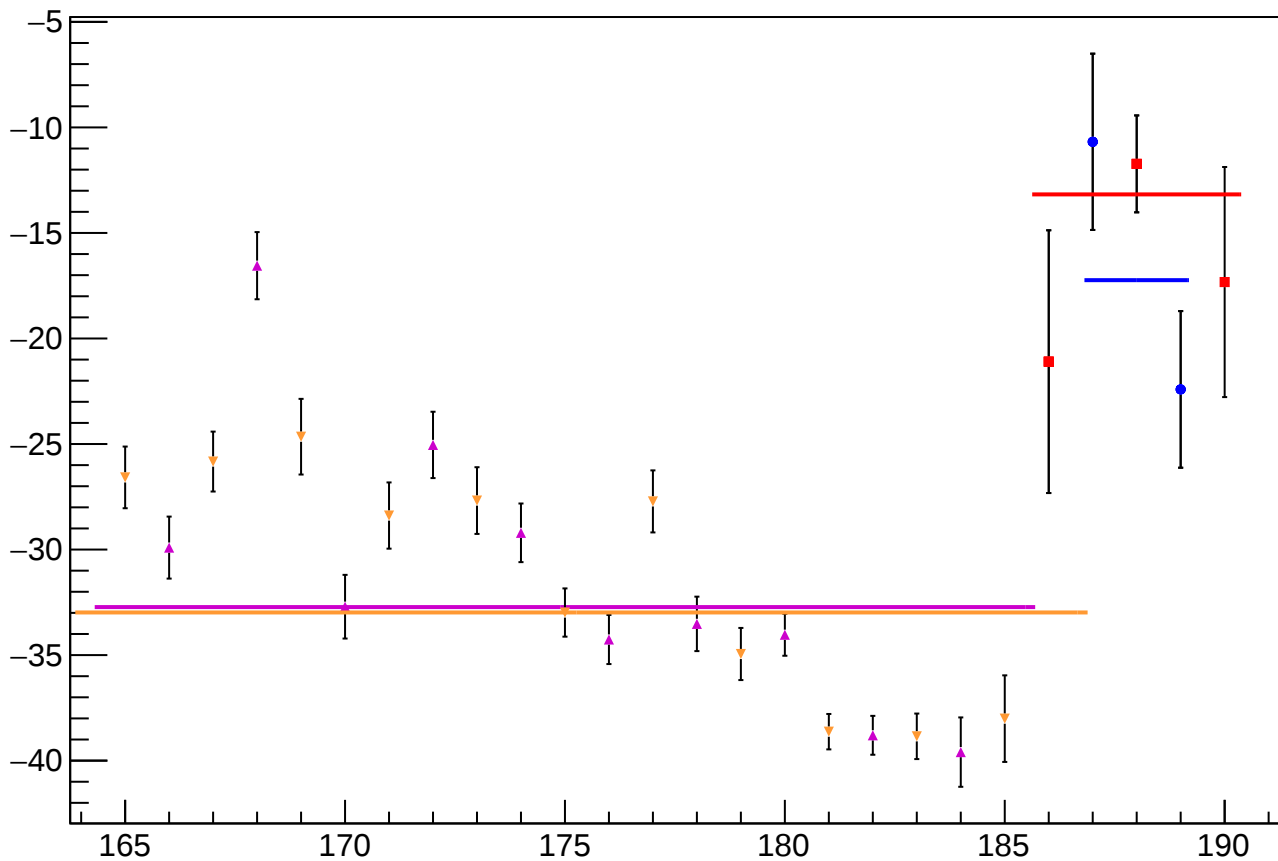
Left In: 0.509 $\pm$ 0.005 χ^2 /NDF:105.0/9

+ sign 0.522 $\pm$ 0.004 χ^2 /NDF: 92.9/14

All: 0.518 $\pm$ 0.003 χ^2 /NDF: 2026.4/29

- sign 0.514 $\pm$ 0.005 χ^2 /NDF: 1932.0/14

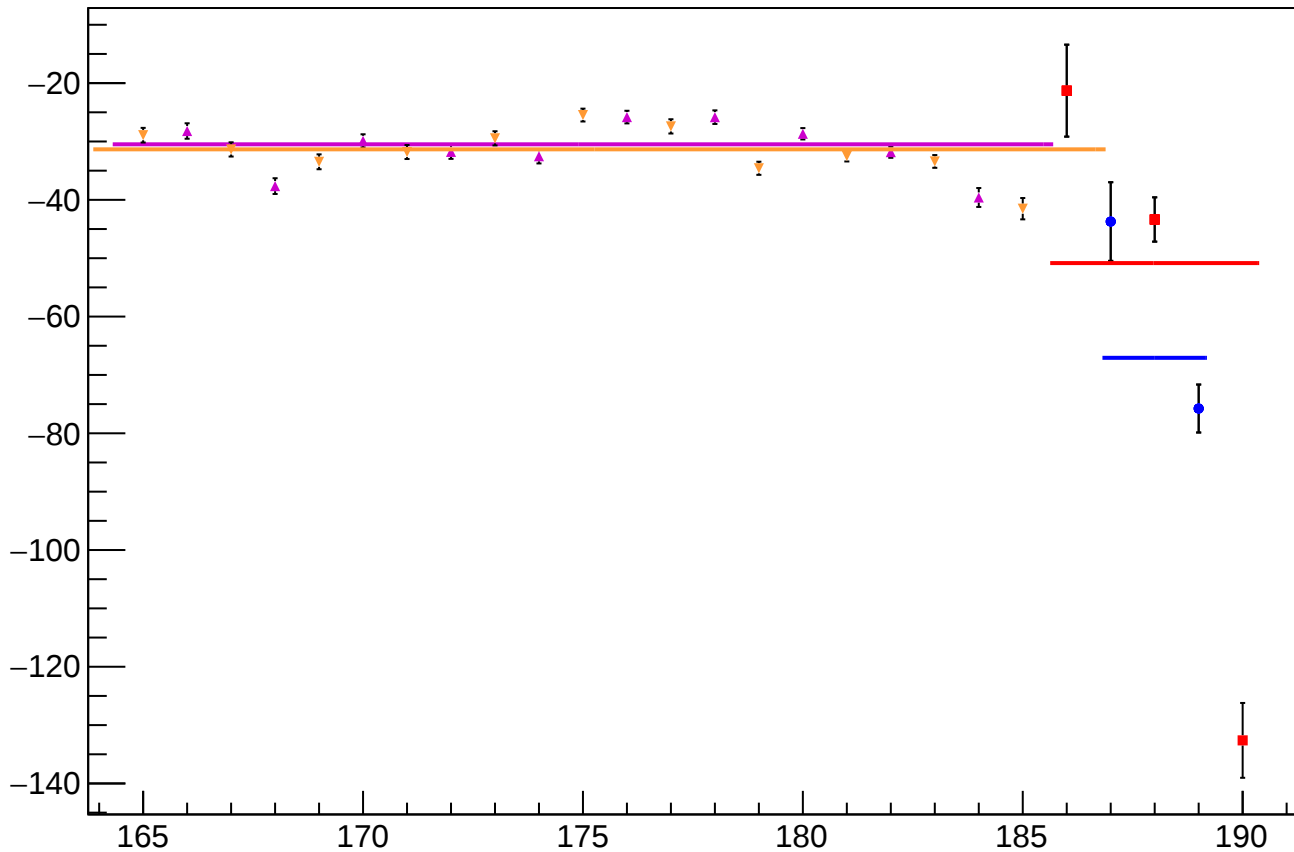
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -17.237 ± 1.961 $\chi^2/\text{NDF}: 8.8/3$
 Left Out: -32.980 ± 0.393 $\chi^2/\text{NDF}: 182.3/10$
 Right Out: -13.173 ± 1.467 $\chi^2/\text{NDF}: 4.6/4$
 Left In: -32.725 ± 0.404 $\chi^2/\text{NDF}: 202.2/9$

+ sign -32.373 ± 0.385 $\chi^2/\text{NDF}: 253.0/14$
 All: -31.865 ± 0.274 $\chi^2/\text{NDF}: 628.5/29$
 - sign -31.345 ± 0.390 $\chi^2/\text{NDF}: 372.0/14$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -67.067 ± 2.481 $\chi^2/\text{NDF}: 33.0/3$

Left Out: -31.346 ± 0.356 $\chi^2/\text{NDF}: 92.3/10$

Right Out: -50.835 ± 2.262 $\chi^2/\text{NDF}: 198.5/4$

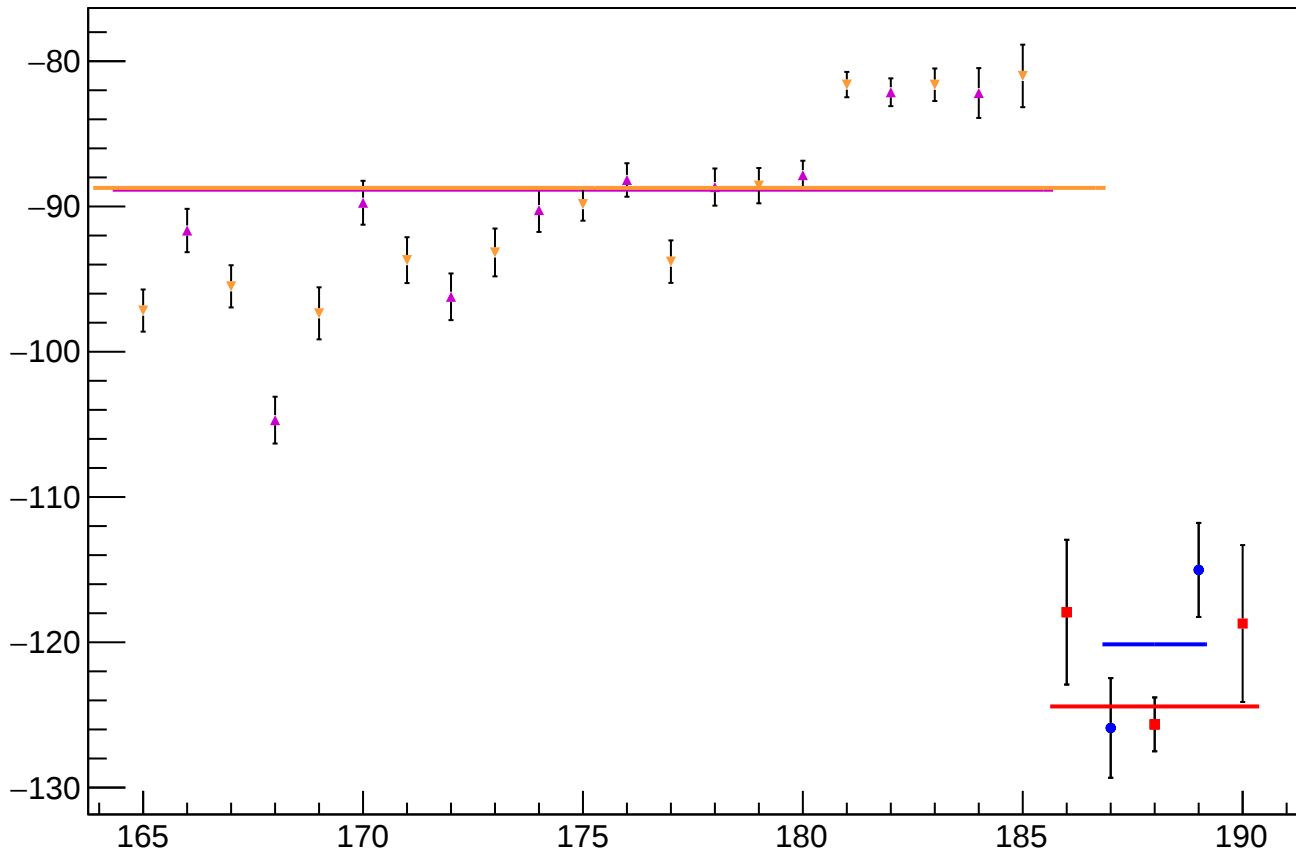
Left In: -30.484 ± 0.369 $\chi^2/\text{NDF}: 106.8/9$

+ sign -32.068 ± 0.353 $\chi^2/\text{NDF}: 328.5/14$

All: -31.555 ± 0.253 $\chi^2/\text{NDF}: 717.0/29$

- sign -31.010 ± 0.364 $\chi^2/\text{NDF}: 384.2/14$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -120.141 ± 1.665 χ^2/NDF : 10.6/3

Left Out: -88.721 ± 0.399 χ^2/NDF : 228.6/10

Right Out: -124.416 ± 1.197 χ^2/NDF : 5.4/4

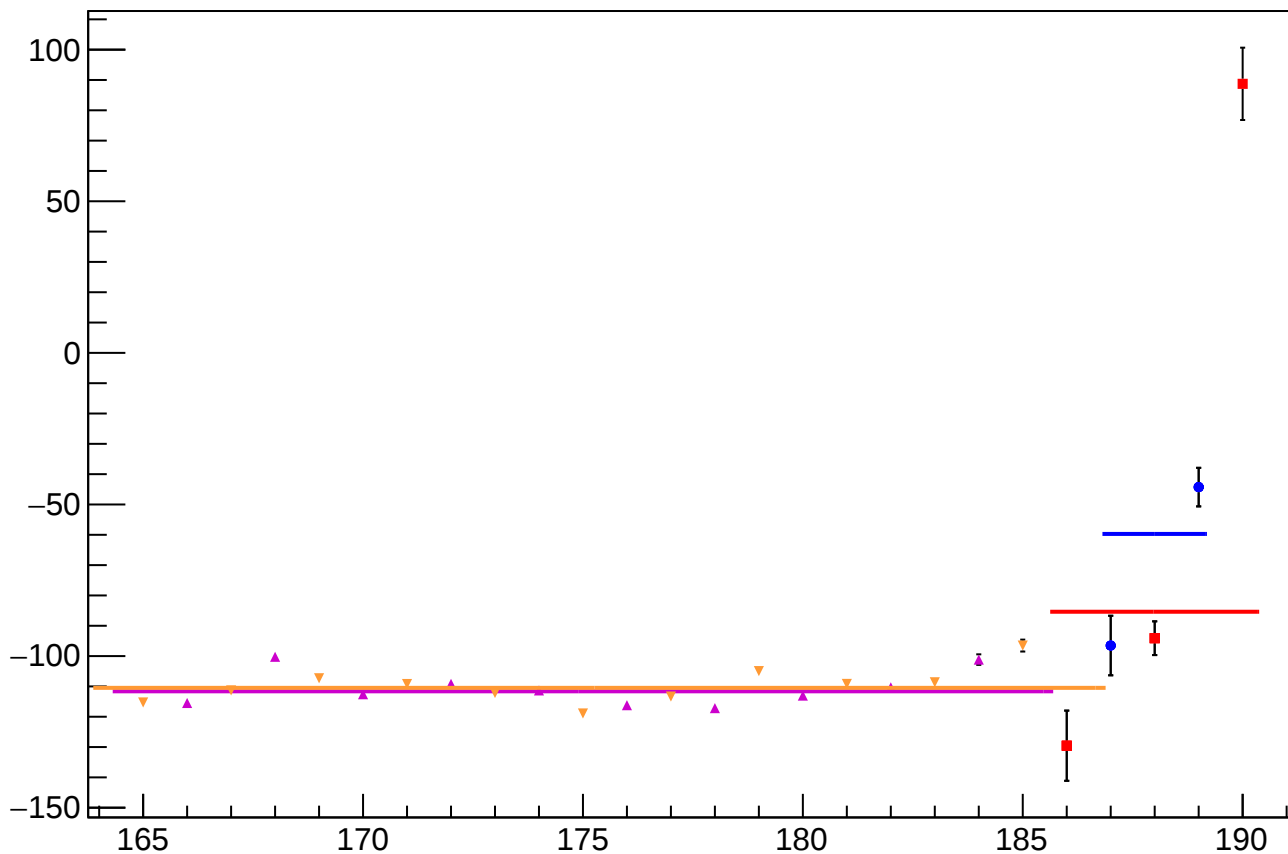
Left In: -88.845 ± 0.411 χ^2/NDF : 188.4/9

+ sign -90.430 ± 0.388 χ^2/NDF : 575.9/14

All: -91.512 ± 0.275 χ^2/NDF : 1574.8/29

- sign -92.596 ± 0.389 χ^2/NDF : 983.4/14

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -59.711 ± 3.774 χ^2/NDF : 39.9/3

Left Out: -110.475 ± 0.384 χ^2/NDF : 153.9/10

Right Out: -85.373 ± 3.398 χ^2/NDF : 247.2/4

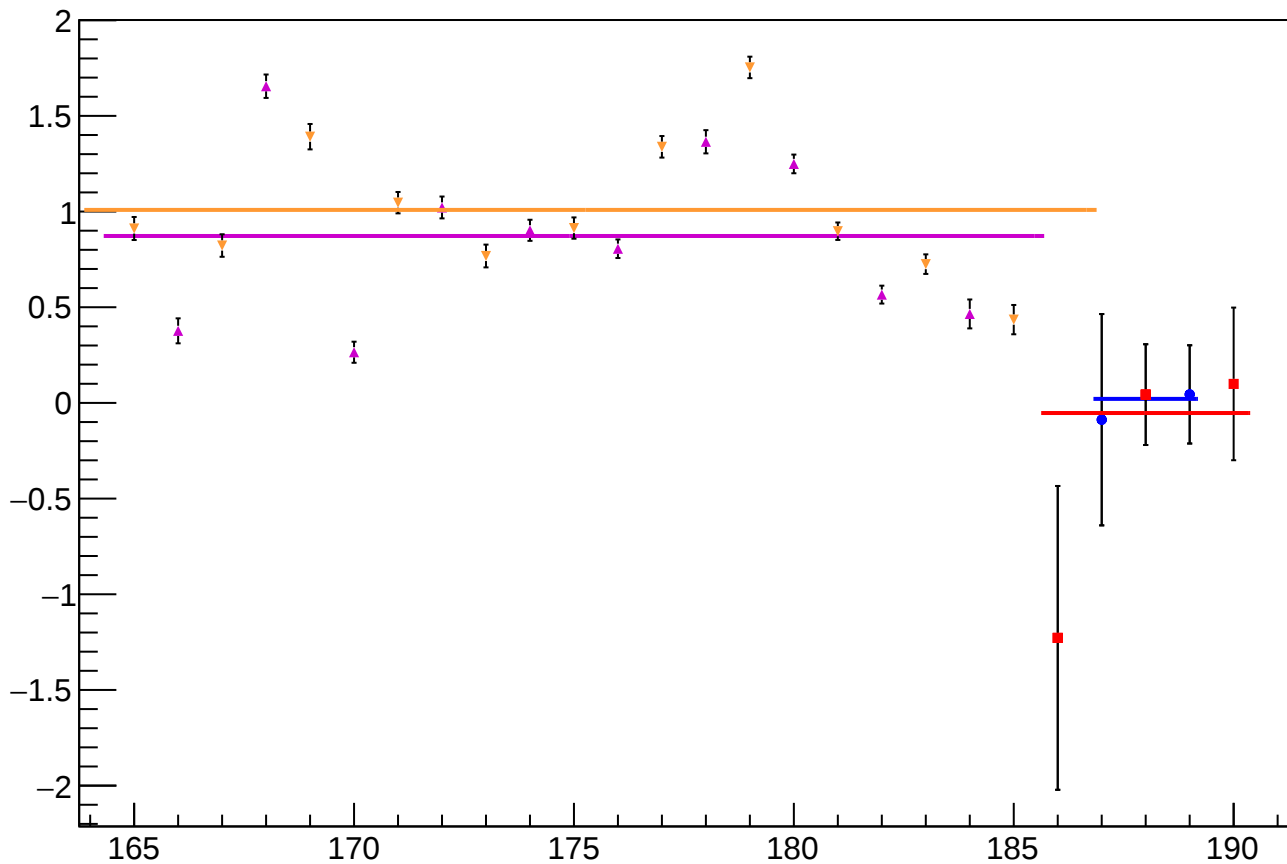
Left In: -111.620 ± 0.397 χ^2/NDF : 139.8/9

+ sign -109.954 ± 0.382 χ^2/NDF : 372.8/14

All: -110.591 ± 0.274 χ^2/NDF : 824.4/29

- sign -111.267 ± 0.394 χ^2/NDF : 445.9/14

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.021 $\pm$ 0.165 χ^2/NDF : 0.1/3

Left Out: 1.009 $\pm$ 0.017 χ^2/NDF :368.4/10

Right Out: -0.053 $\pm$ 0.162 χ^2/NDF : 4.8/4

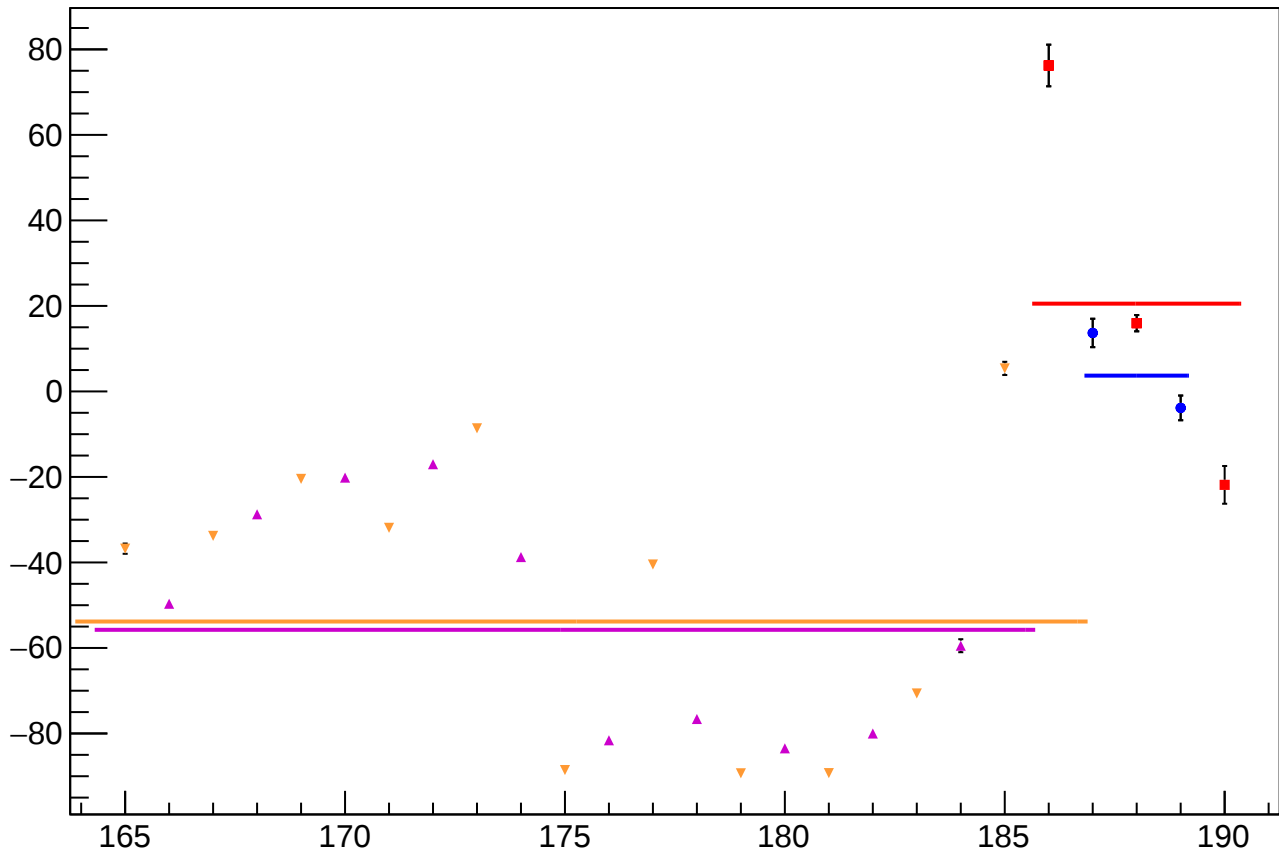
Left In: 0.872 $\pm$ 0.018 χ^2/NDF :549.0/9

+ sign 0.998 $\pm$ 0.017 χ^2/NDF : 404.1/14

All: 0.931 $\pm$ 0.012 χ^2/NDF : 1021.4/29

- sign 0.861 $\pm$ 0.018 χ^2/NDF : 586.2/14

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 3.694 ± 1.542 χ^2/NDF : 31.7/3

Left Out: -53.815 ± 0.289 χ^2/NDF : 11877.8/10

Right Out: 20.529 ± 1.204 χ^2/NDF : 365.7/4

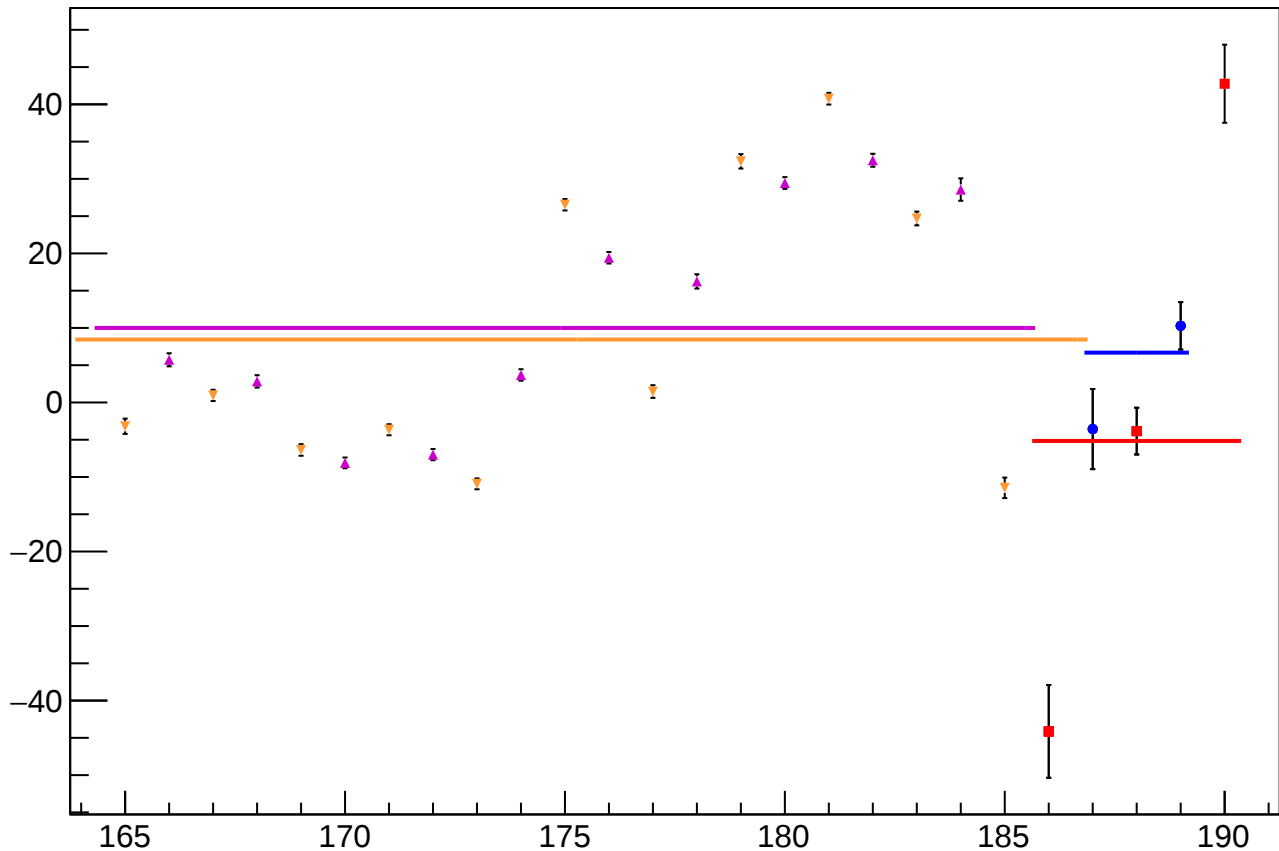
Left In: -55.757 ± 0.298 χ^2/NDF : 7490.4/9

+ sign -51.860 ± 0.284 χ^2/NDF : 13253.5/14

All: -51.617 ± 0.203 χ^2/NDF : 24891.5/29

- sign -51.366 ± 0.289 χ^2/NDF : 11636.5/14

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: 6.686+/-1.937 χ^2/NDF : 9.8/3

Left Out: 8.444+/-0.254 χ^2/NDF : 4980.3/10

Right Out: -5.163+/-1.854 χ^2/NDF : 162.5/4

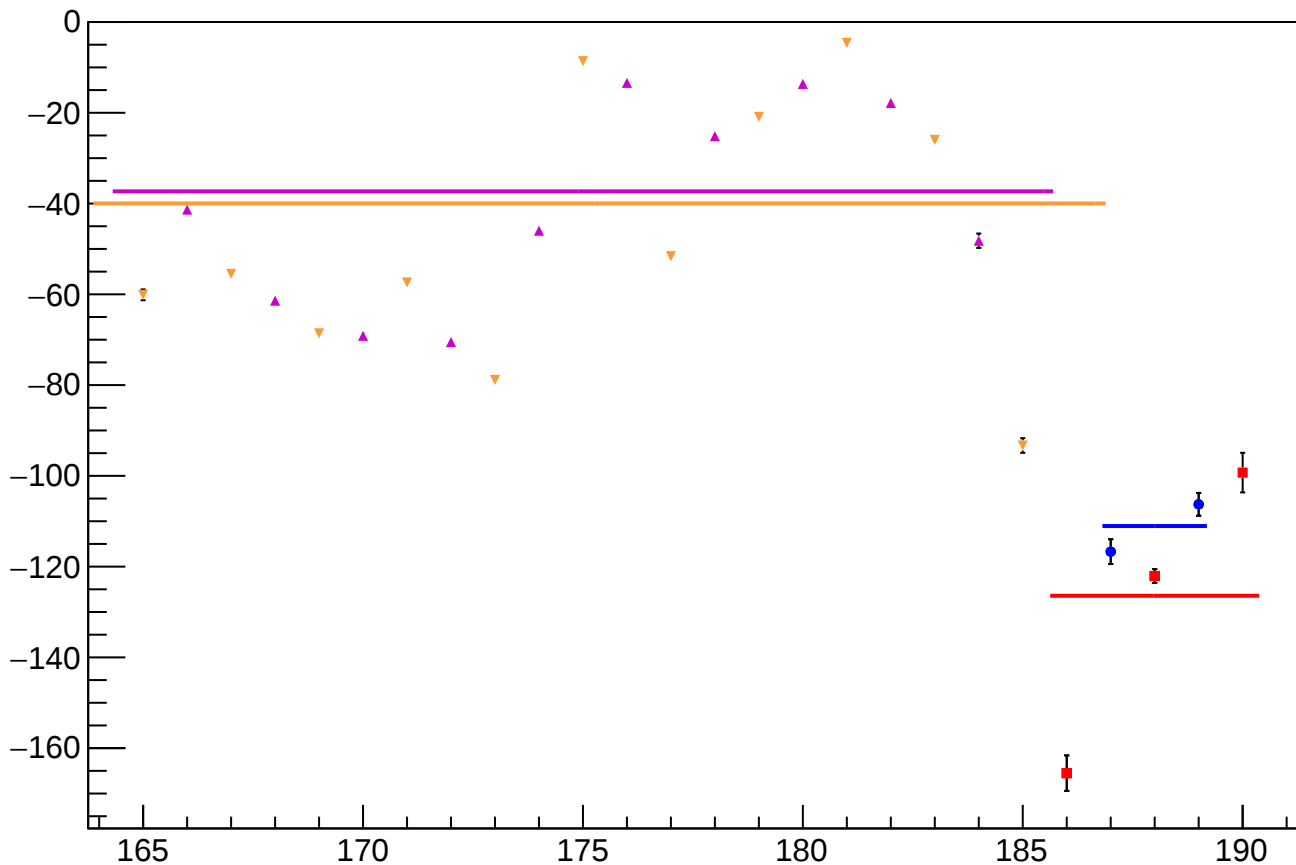
Left In: 9.996+/-0.265 χ^2/NDF : 2929.8/9

+ sign 8.414+/-0.252 χ^2/NDF : 4991.0/14

All: 9.029+/-0.182 χ^2/NDF : 8161.2/29

- sign 9.693+/-0.262 χ^2/NDF : 3157.8/14

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -111.057+/-1.308 χ^2/NDF : 15.8/3

Left Out: -39.977+/-0.294 χ^2/NDF : 8690.5/10

Right Out: -126.422+/-0.984 χ^2/NDF : 254.6/4

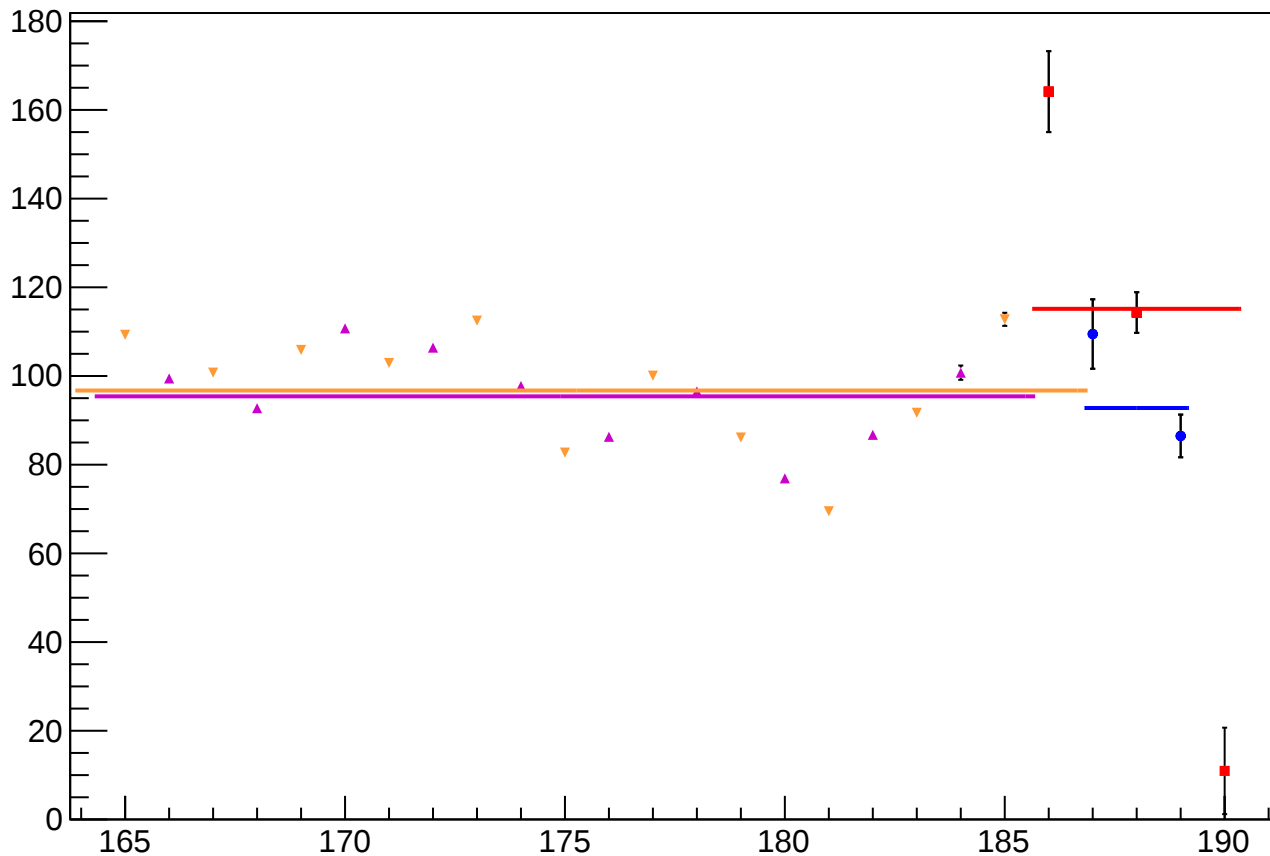
Left In: -37.311+/-0.303 χ^2/NDF : 5269.9/9

+ sign -43.397+/-0.287 χ^2/NDF : 11516.5/14

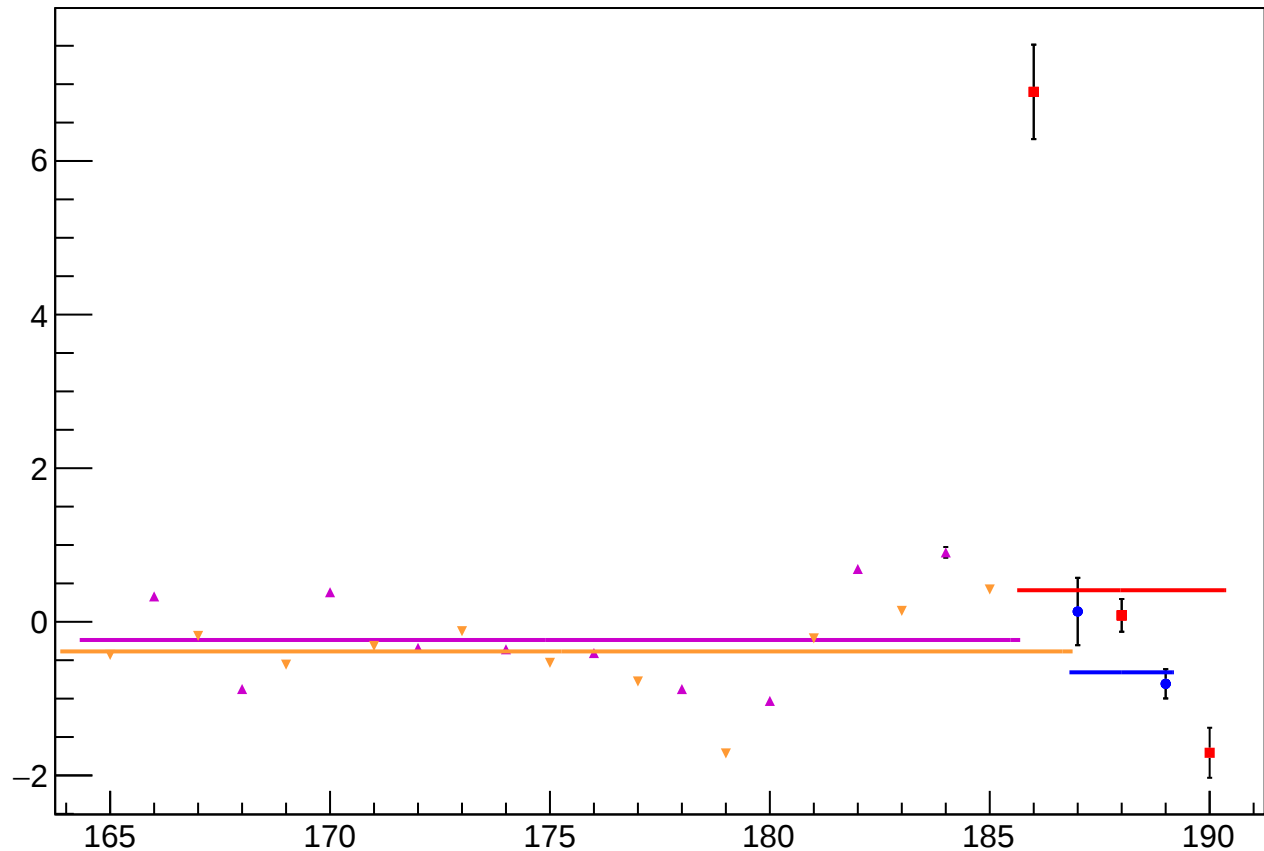
All: -44.203+/-0.204 χ^2/NDF : 24541.5/29

- sign -45.025+/-0.290 χ^2/NDF : 13009.0/14

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.658 ± 0.124 χ^2/NDF : 7.8/3

Left Out: -0.385 ± 0.012 χ^2/NDF : 1340.6/10

Right Out: 0.411 ± 0.131 χ^2/NDF : 269.7/4

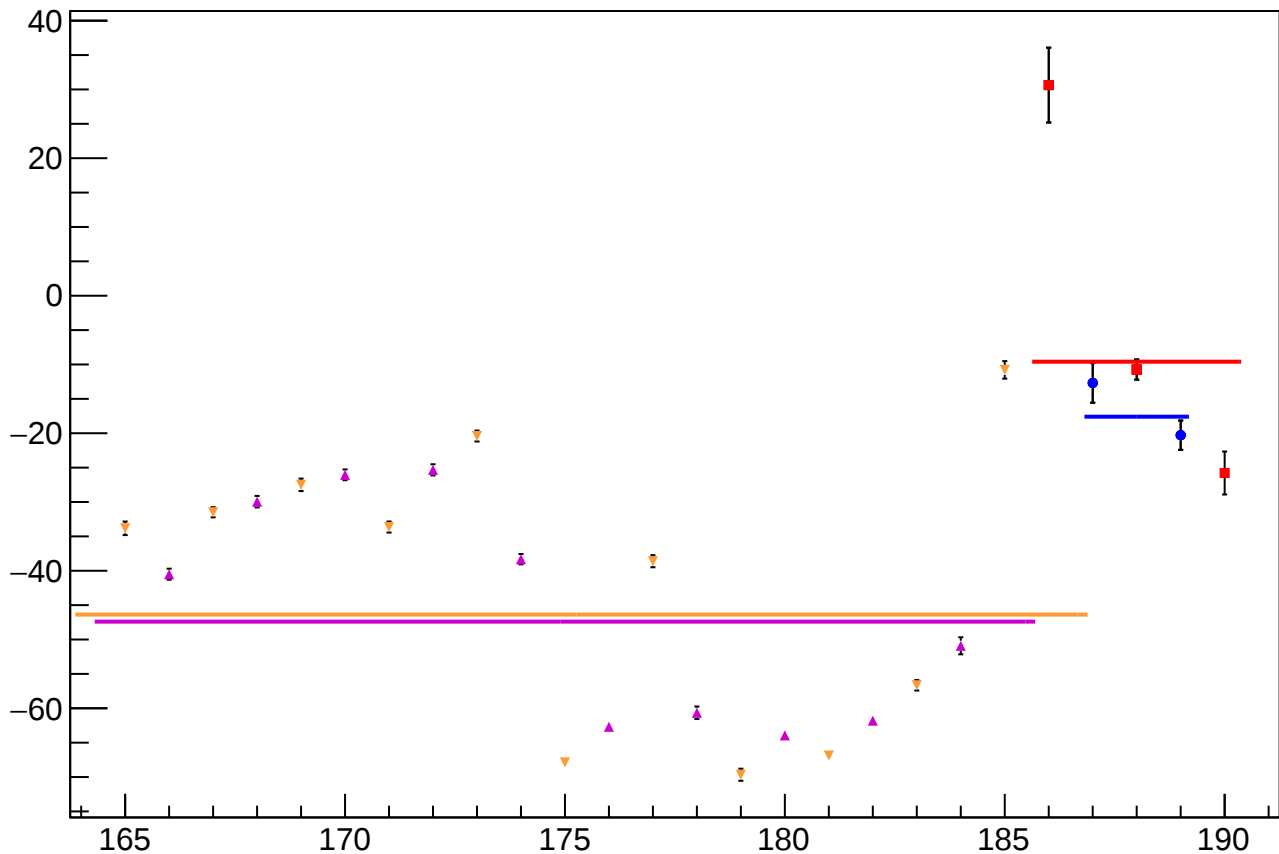
Left In: -0.237 ± 0.013 χ^2/NDF : 2131.9/9

+ sign -0.388 ± 0.012 χ^2/NDF : 1353.2/14

All: -0.312 ± 0.009 χ^2/NDF : 3860.3/29

- sign -0.231 ± 0.013 χ^2/NDF : 2425.9/14

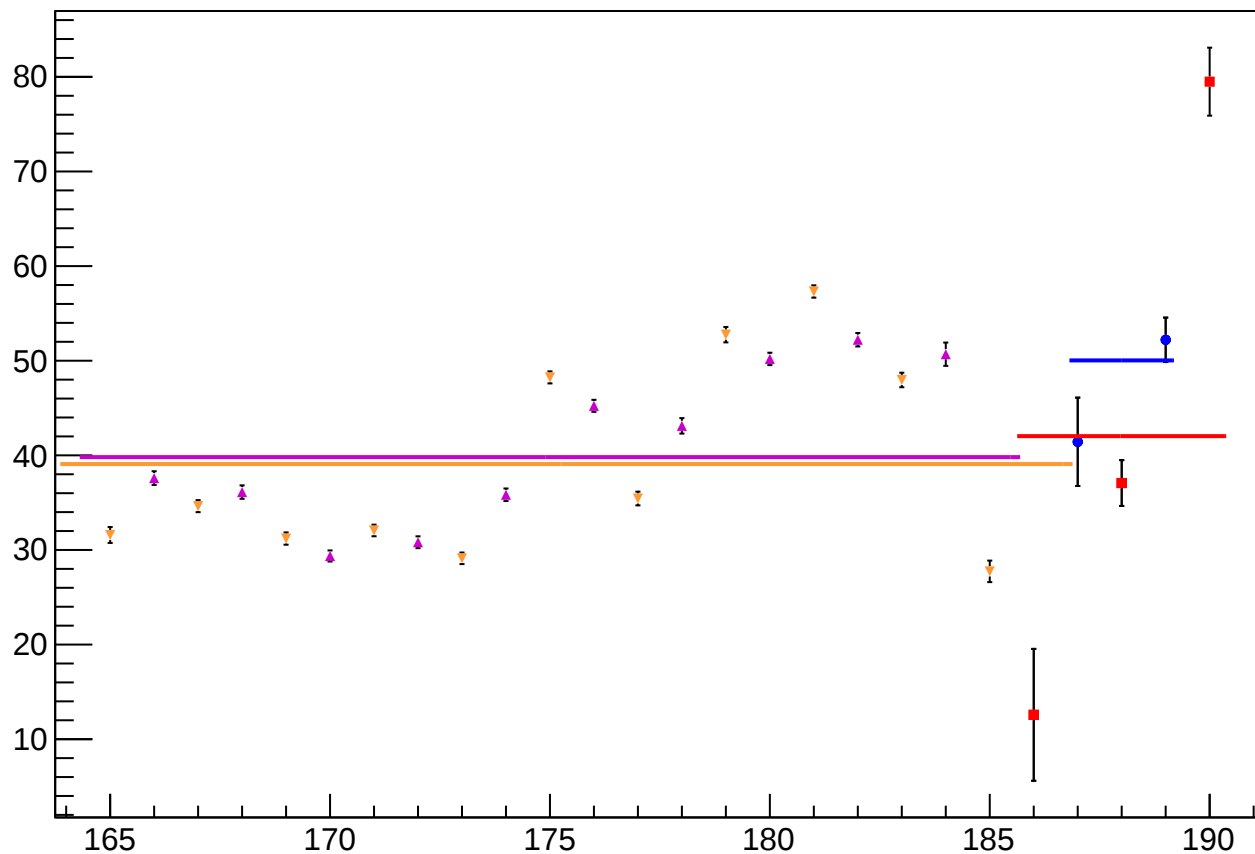
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -17.592 ± 1.213 $\chi^2/\text{NDF}: 9.0/3$
 Left Out: -46.373 ± 0.241 $\chi^2/\text{NDF}: 6316.7/10$
 Right Out: -9.595 ± 0.953 $\chi^2/\text{NDF}: 137.4/4$
 Left In: -47.398 ± 0.247 $\chi^2/\text{NDF}: 3922.6/9$

+ sign -45.284 ± 0.236 $\chi^2/\text{NDF}: 6867.6/14$
 All: -45.151 ± 0.168 $\chi^2/\text{NDF}: 12401.1/29$
 - sign -45.014 ± 0.239 $\chi^2/\text{NDF}: 5532.9/14$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 50.033 $\pm$ 1.483 χ^2 /NDF: 8.5/3

Left Out: 39.079 $\pm$ 0.212 χ^2 /NDF:2198.3/10

Right Out: 42.030 $\pm$ 1.475 χ^2 /NDF: 152.8/4

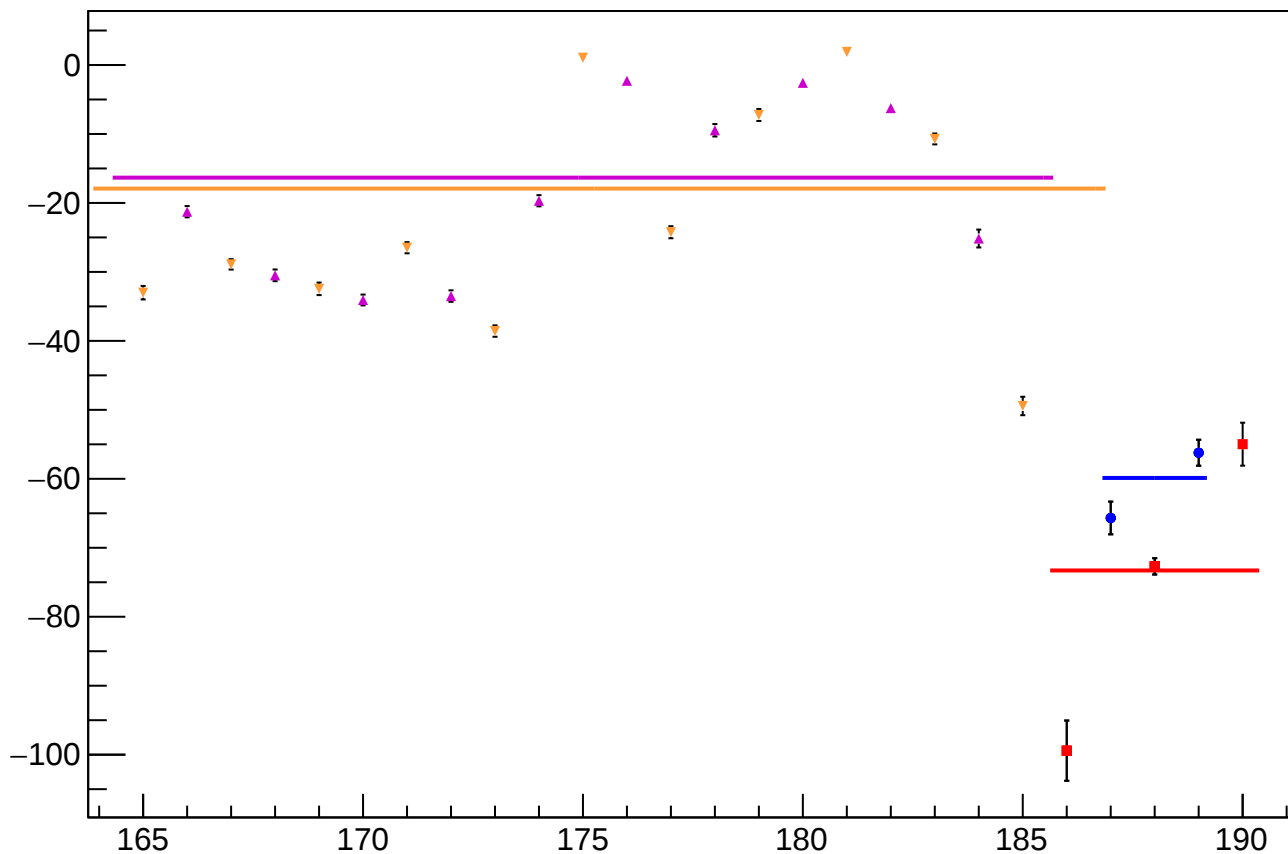
Left In: 39.813 $\pm$ 0.221 χ^2 /NDF:1319.9/9

+ sign 39.299 $\pm$ 0.210 χ^2 /NDF: 2260.3/14

All: 39.569 $\pm$ 0.151 χ^2 /NDF: 3738.7/29

- sign 39.861 $\pm$ 0.218 χ^2 /NDF: 1474.9/14

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -59.874 ± 1.042 χ^2/NDF : 19.5/3

Left Out: -17.918 ± 0.245 χ^2/NDF : 4145.1/10

Right Out: -73.290 ± 0.783 χ^2/NDF : 106.6/4

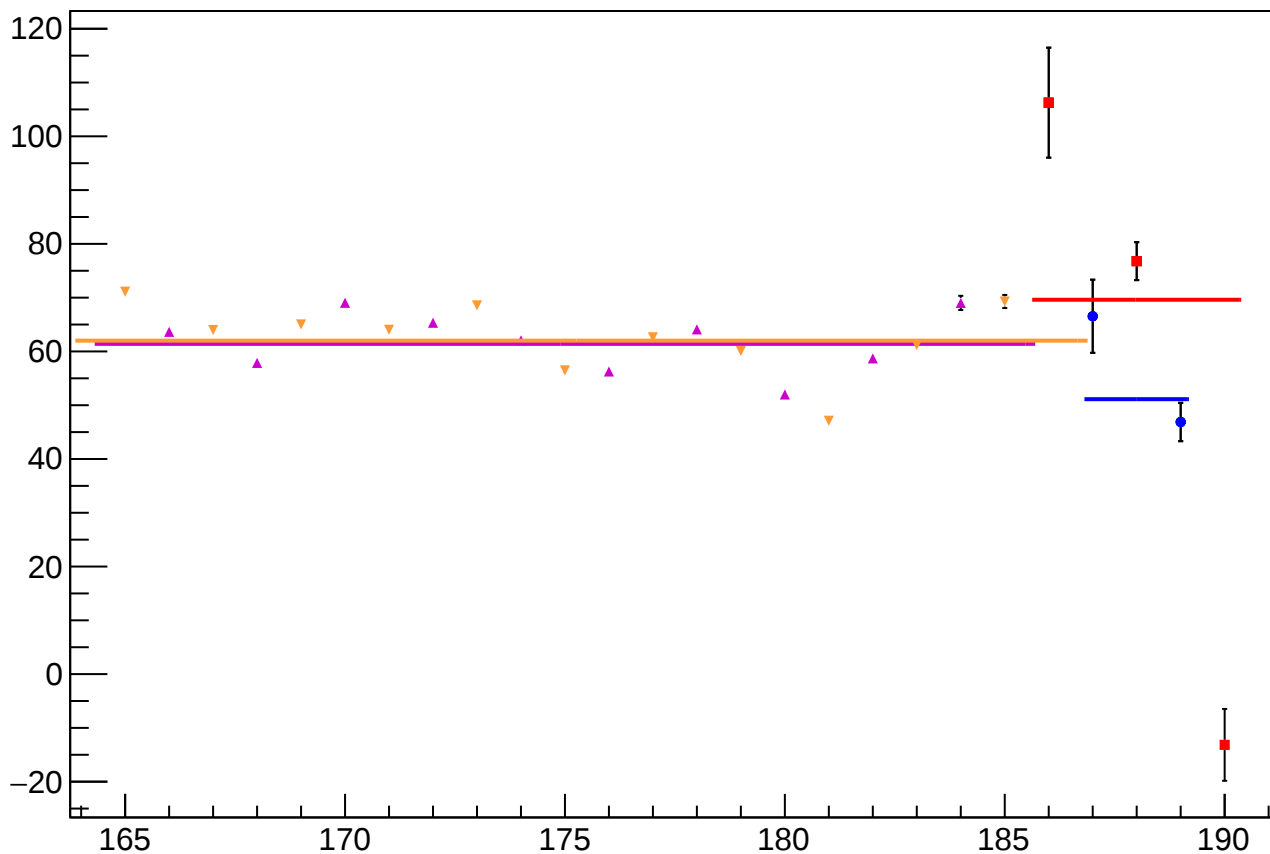
Left In: -16.333 ± 0.252 χ^2/NDF : 2440.2/9

+ sign -20.108 ± 0.238 χ^2/NDF : 5701.0/14

All: -20.885 ± 0.169 χ^2/NDF : 13070.0/29

- sign -21.673 ± 0.240 χ^2/NDF : 7347.5/14

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 51.122 $\pm$ 2.234 χ^2 /NDF: 13.1/3

Left Out: 62.007 $\pm$ 0.229 χ^2 /NDF: 804.9/10

Right Out: 69.609 $\pm$ 2.224 χ^2 /NDF: 187.4/4

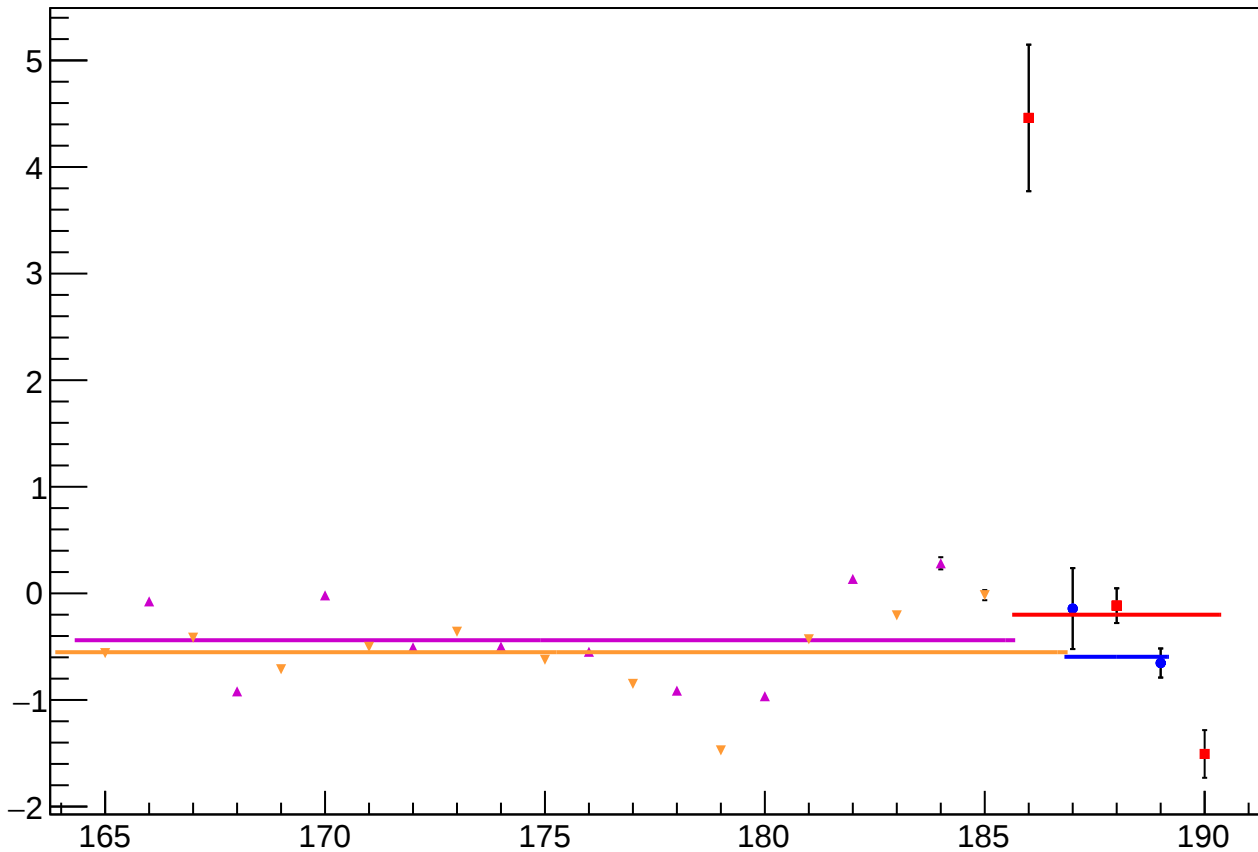
Left In: 61.409 $\pm$ 0.238 χ^2 /NDF: 500.0/9

+ sign 61.893 $\pm$ 0.228 χ^2 /NDF: 841.5/14

All: 61.705 $\pm$ 0.164 χ^2 /NDF: 1543.8/29

- sign 61.502 $\pm$ 0.237 χ^2 /NDF: 700.9/14

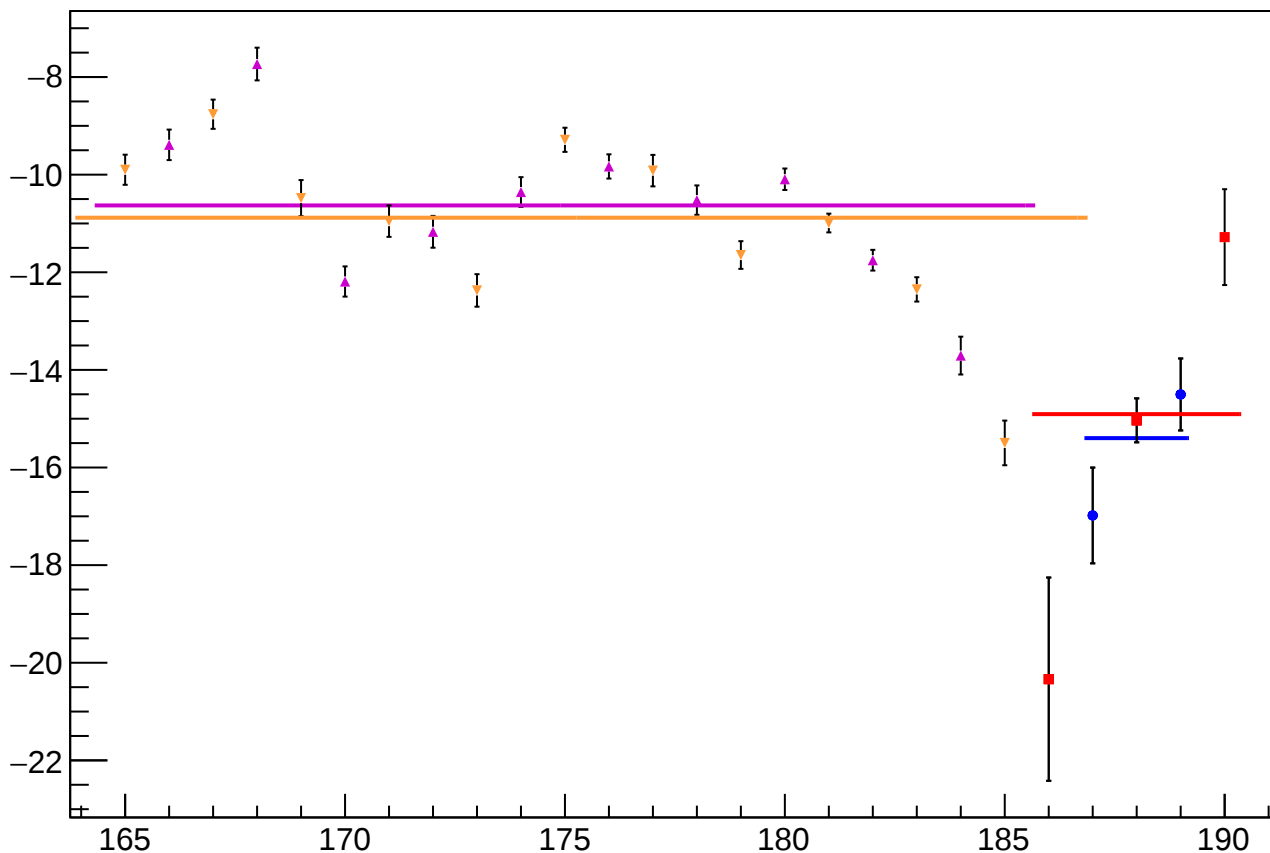
reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.595 ± 0.091 χ^2/NDF : 3.2/3
 Left Out: -0.552 ± 0.010 χ^2/NDF : 920.8/10
 Right Out: -0.200 ± 0.100 χ^2/NDF : 126.6/4
 Left In: -0.440 ± 0.010 χ^2/NDF : 1391.2/9

+ sign -0.552 ± 0.010 χ^2/NDF : 924.3/14
 All: -0.496 ± 0.007 χ^2/NDF : 2510.9/29
 - sign -0.437 ± 0.010 χ^2/NDF : 1523.5/14

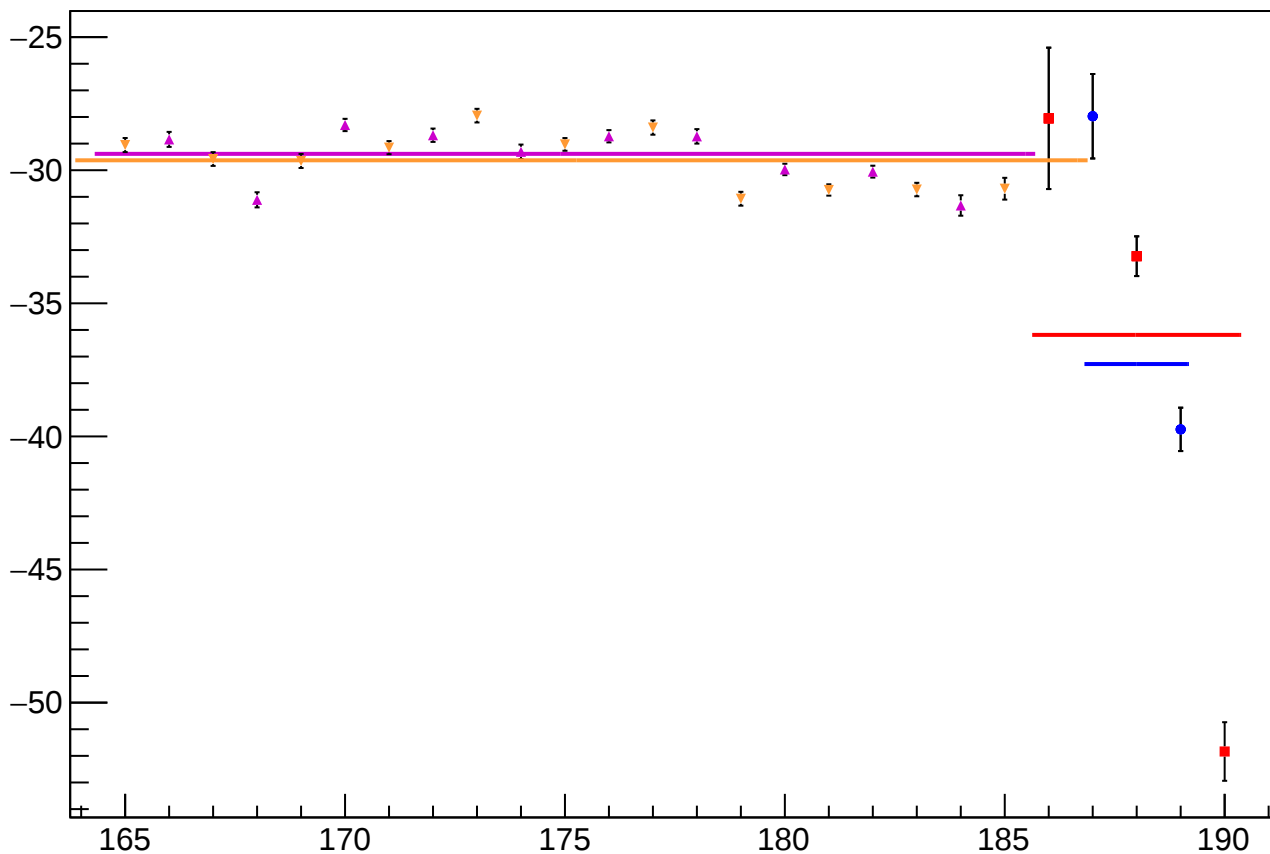
reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.398±/0.417 χ^2/NDF : 8.2/3
 Left Out: -10.882±/0.086 χ^2/NDF : 276.1/10
 Right Out: -14.906±/0.297 χ^2/NDF : 27.4/4
 Left In: -10.630±/0.089 χ^2/NDF : 227.0/9

+ sign -11.068±/0.085 χ^2/NDF : 396.9/14
 All: -11.026±/0.060 χ^2/NDF : 842.4/29
 - sign -10.982±/0.085 χ^2/NDF : 445.0/14

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -37.281 ± 0.512 χ^2/NDF : 87.0/3

Left Out: -29.628 ± 0.078 χ^2/NDF : 162.3/10

Right Out: -36.186 ± 0.461 χ^2/NDF : 252.3/4

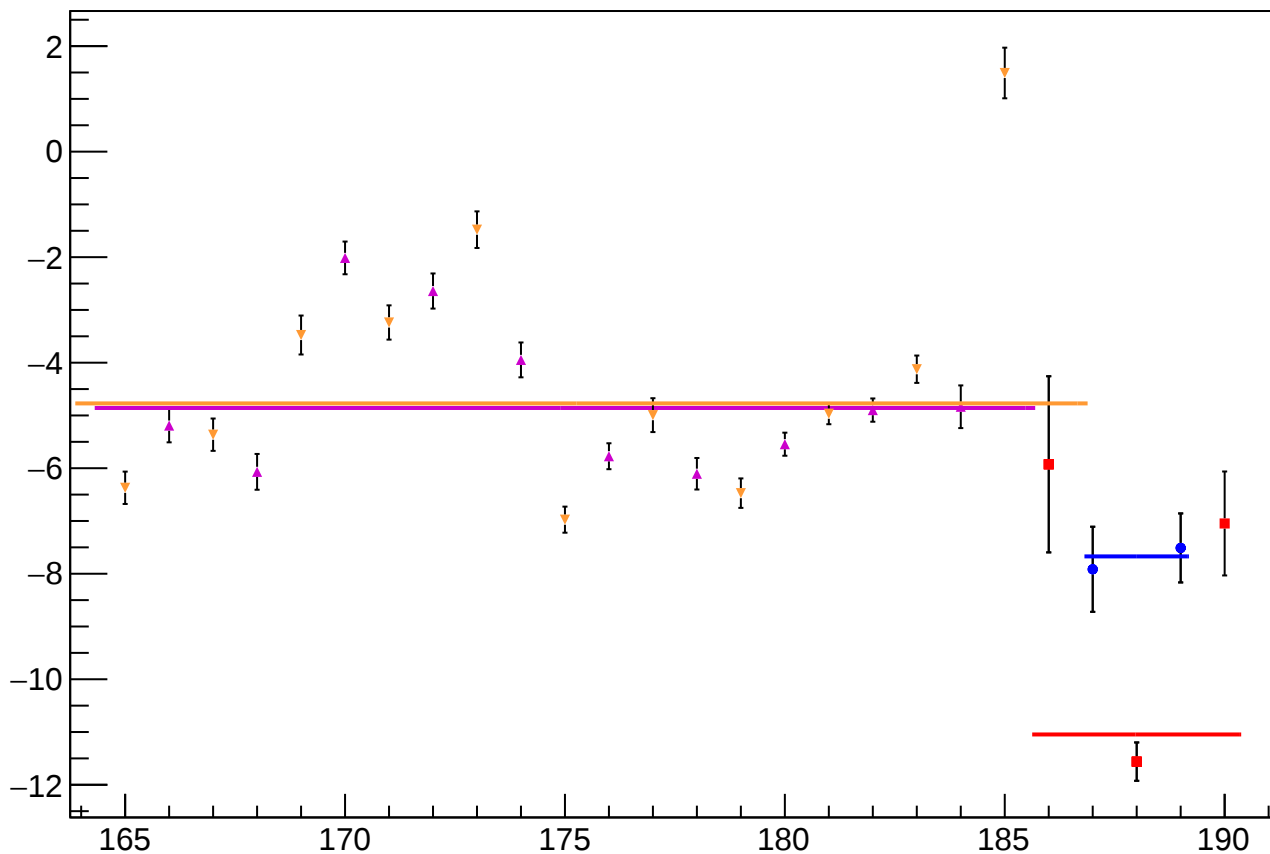
Left In: -29.385 ± 0.081 χ^2/NDF : 126.2/9

+ sign -29.800 ± 0.077 χ^2/NDF : 467.4/14

All: -29.697 ± 0.055 χ^2/NDF : 1060.6/29

- sign -29.587 ± 0.079 χ^2/NDF : 589.5/14

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -7.671 ± 0.359 χ^2/NDF : 0.3/3

Left Out: -4.772 ± 0.088 χ^2/NDF : 450.3/10

Right Out: -11.046 ± 0.243 χ^2/NDF : 39.3/4

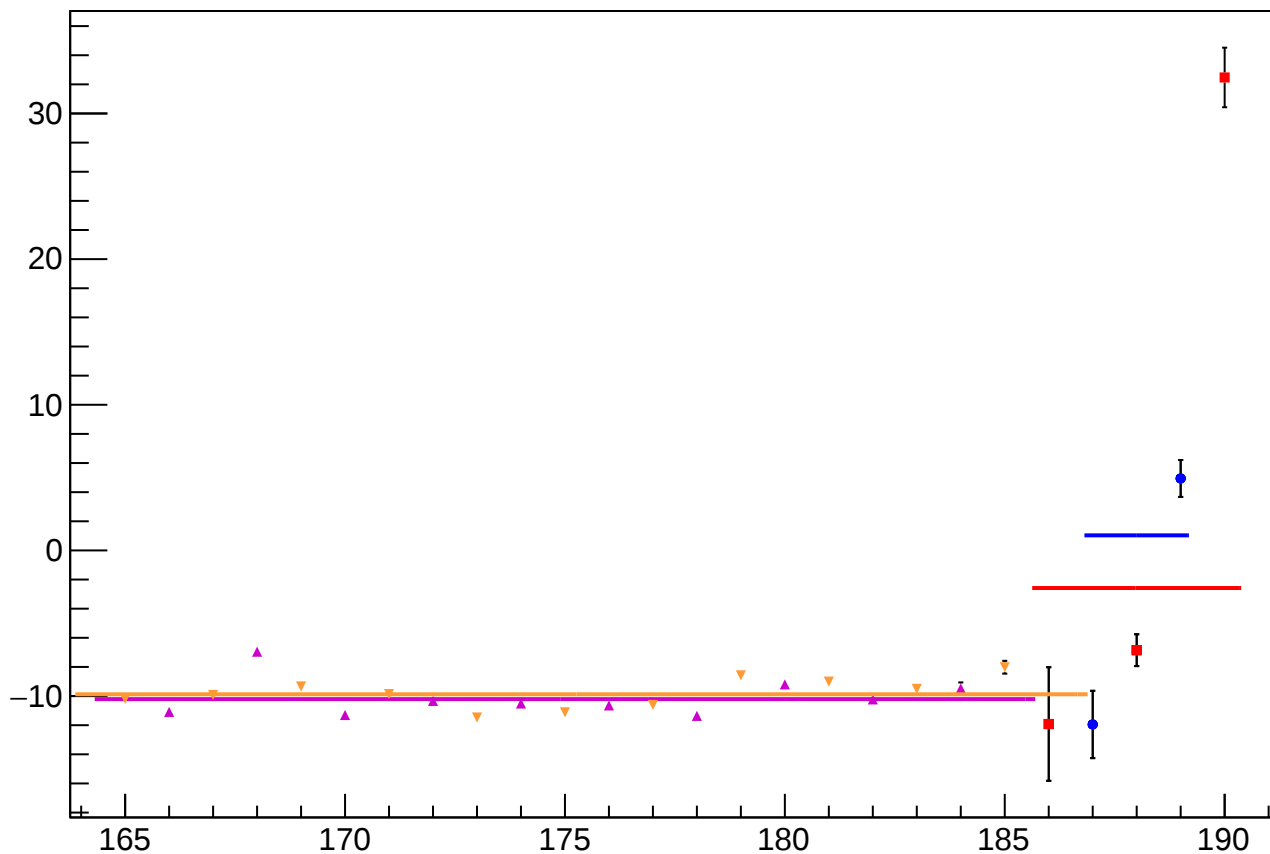
Left In: -4.858 ± 0.090 χ^2/NDF : 191.2/9

+ sign -4.935 ± 0.085 χ^2/NDF : 512.1/14

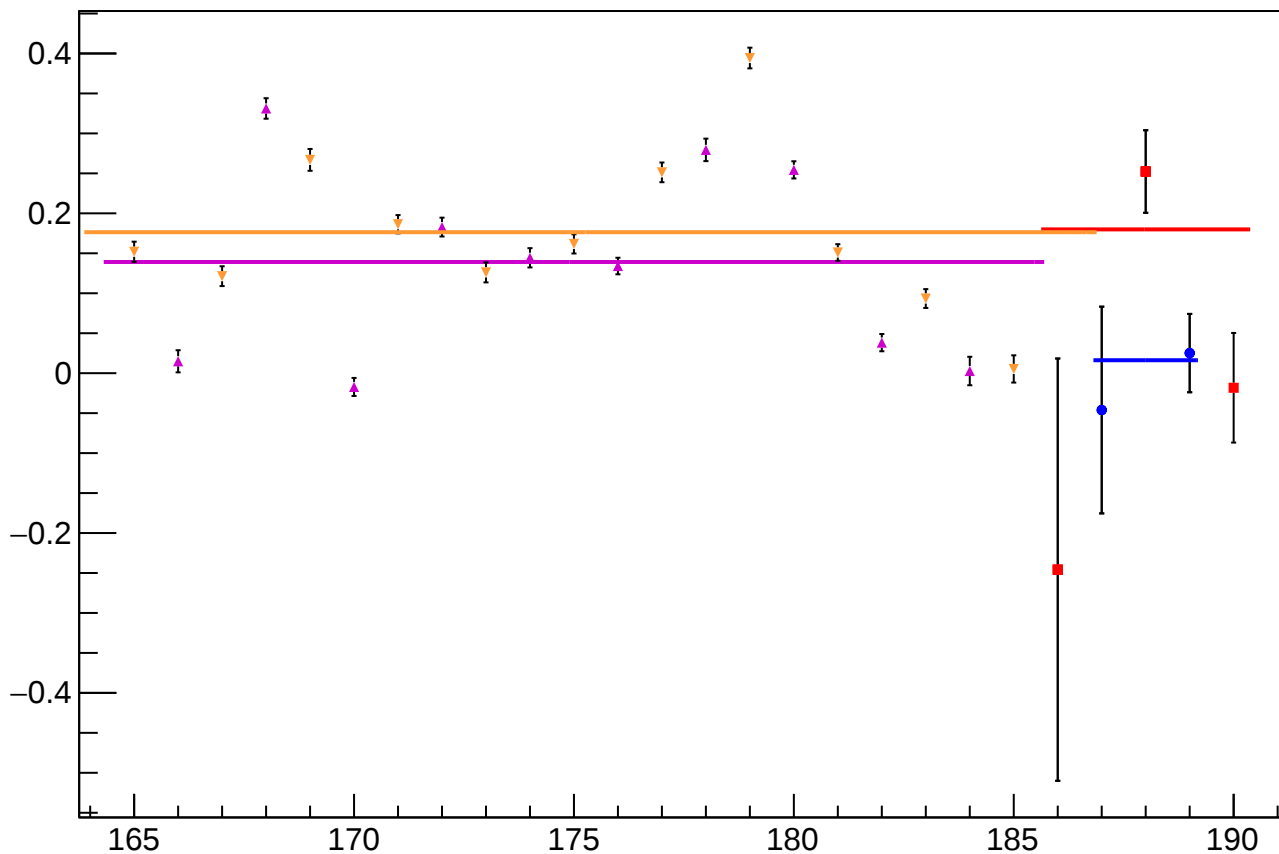
All: -5.274 ± 0.060 χ^2/NDF : 1342.3/29

- sign -5.608 ± 0.085 χ^2/NDF : 799.0/14

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



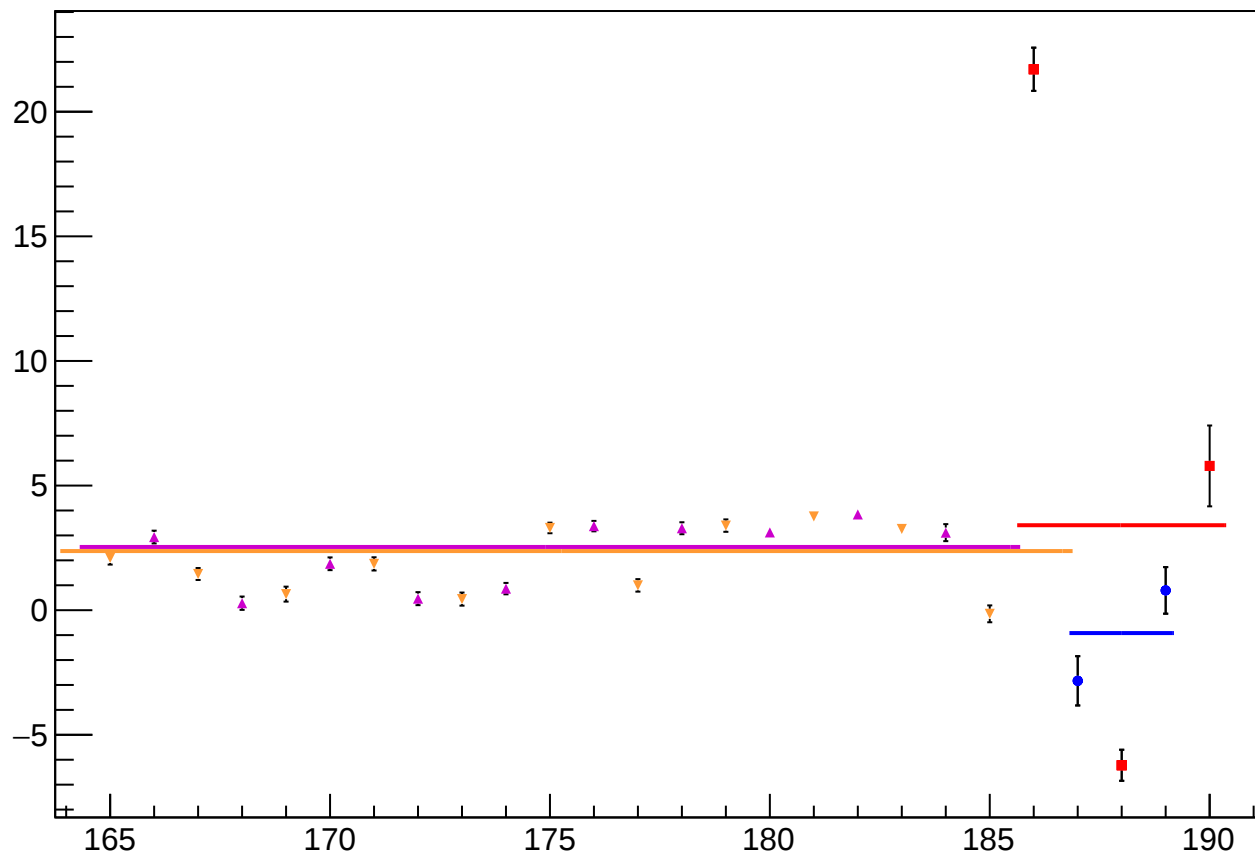
reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: 0.016 $\pm$ 0.032 χ^2 /NDF: 0.5/3
 Left Out: 0.176 $\pm$ 0.004 χ^2 /NDF: 562.1/10
 Right Out: 0.180 $\pm$ 0.032 χ^2 /NDF: 17.5/4
 Left In: 0.139 $\pm$ 0.004 χ^2 /NDF: 871.9/9

+ sign 0.174 $\pm$ 0.004 χ^2 /NDF: 586.7/14
 All: 0.157 $\pm$ 0.003 χ^2 /NDF: 1520.0/29
 - sign 0.140 $\pm$ 0.004 χ^2 /NDF: 891.0/14

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -0.918 ± 0.480 χ^2/NDF : 14.2/3

Left Out: 2.372 ± 0.070 χ^2/NDF : 329.2/10

Right Out: 3.409 ± 0.349 χ^2/NDF : 1371.7/4

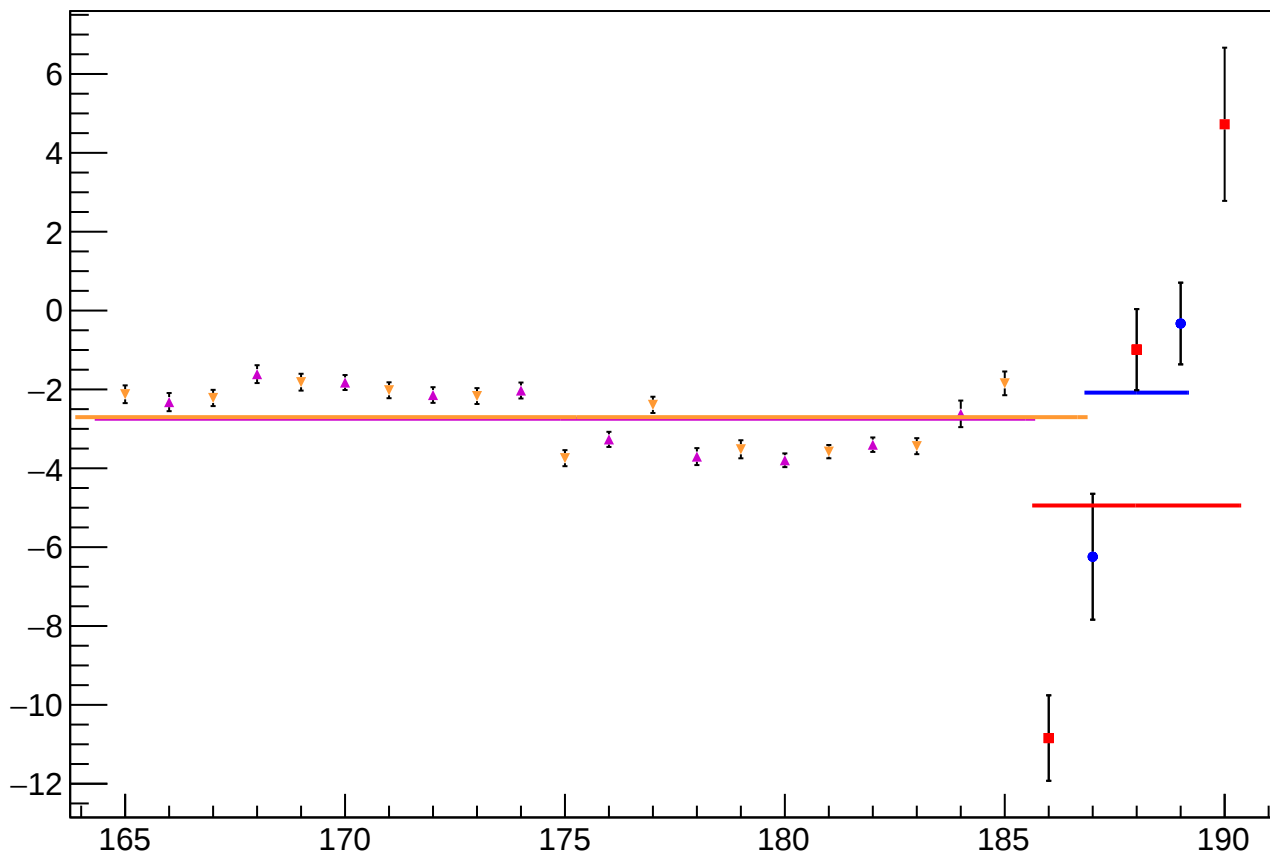
Left In: 2.537 ± 0.072 χ^2/NDF : 291.9/9

+ sign 2.303 ± 0.070 χ^2/NDF : 389.4/14

All: 2.436 ± 0.050 χ^2/NDF : 2066.4/29

- sign 2.573 ± 0.071 χ^2/NDF : 1669.6/14

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.081 $\pm$ 0.614 χ^2/NDF : 19.3/3

Left Out: -2.703 $\pm$ 0.063 χ^2/NDF : 137.3/10

Right Out: -4.944 $\pm$ 0.509 χ^2/NDF : 113.5/4

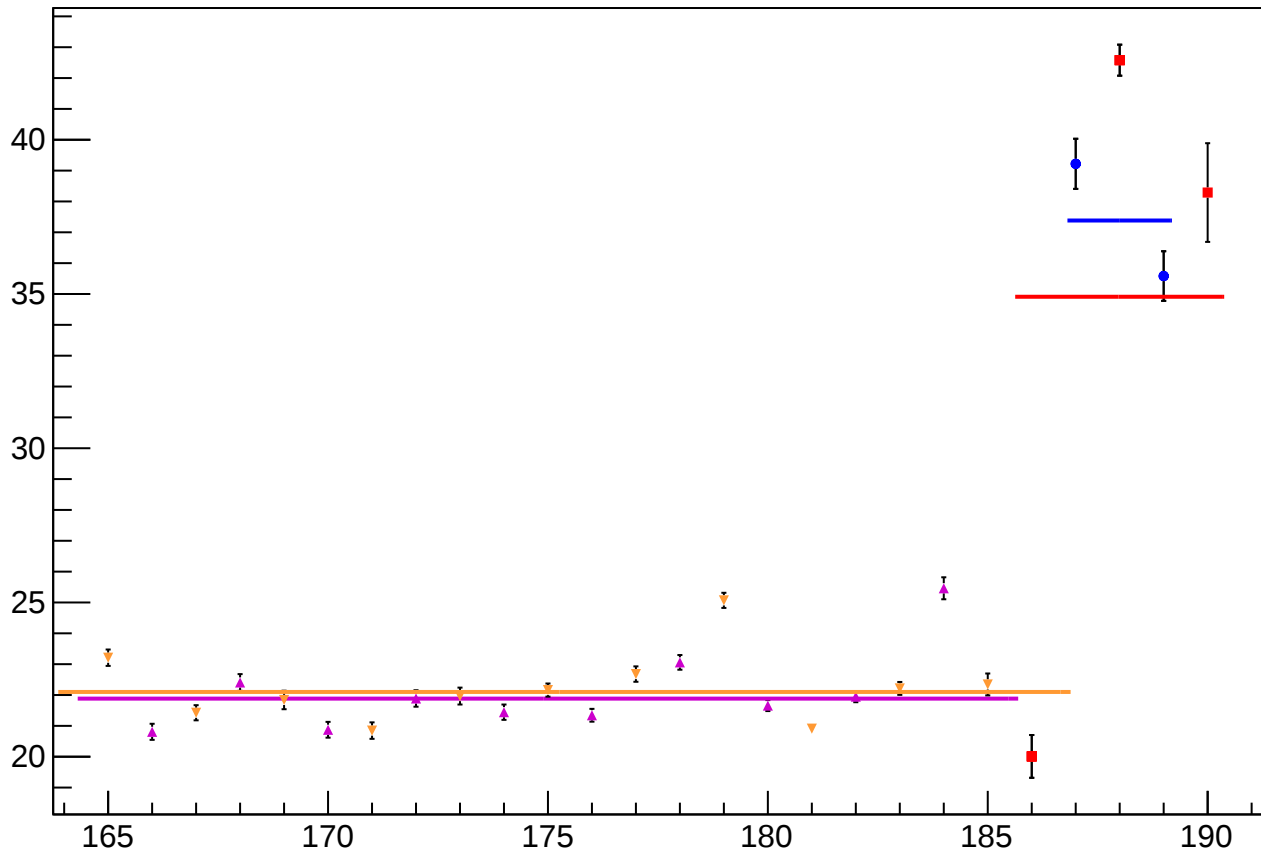
Left In: -2.743 $\pm$ 0.065 χ^2/NDF : 150.4/9

+ sign -2.697 $\pm$ 0.063 χ^2/NDF : 157.6/14

All: -2.736 $\pm$ 0.045 χ^2/NDF : 440.7/29

- sign -2.778 $\pm$ 0.065 χ^2/NDF : 282.3/14

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 37.382 $\pm$ 0.404 χ^2/NDF : 20.3/3

Left Out: 22.099 $\pm$ 0.072 χ^2/NDF : 256.4/10

Right Out: 34.910 $\pm$ 0.283 χ^2/NDF : 1392.8/4

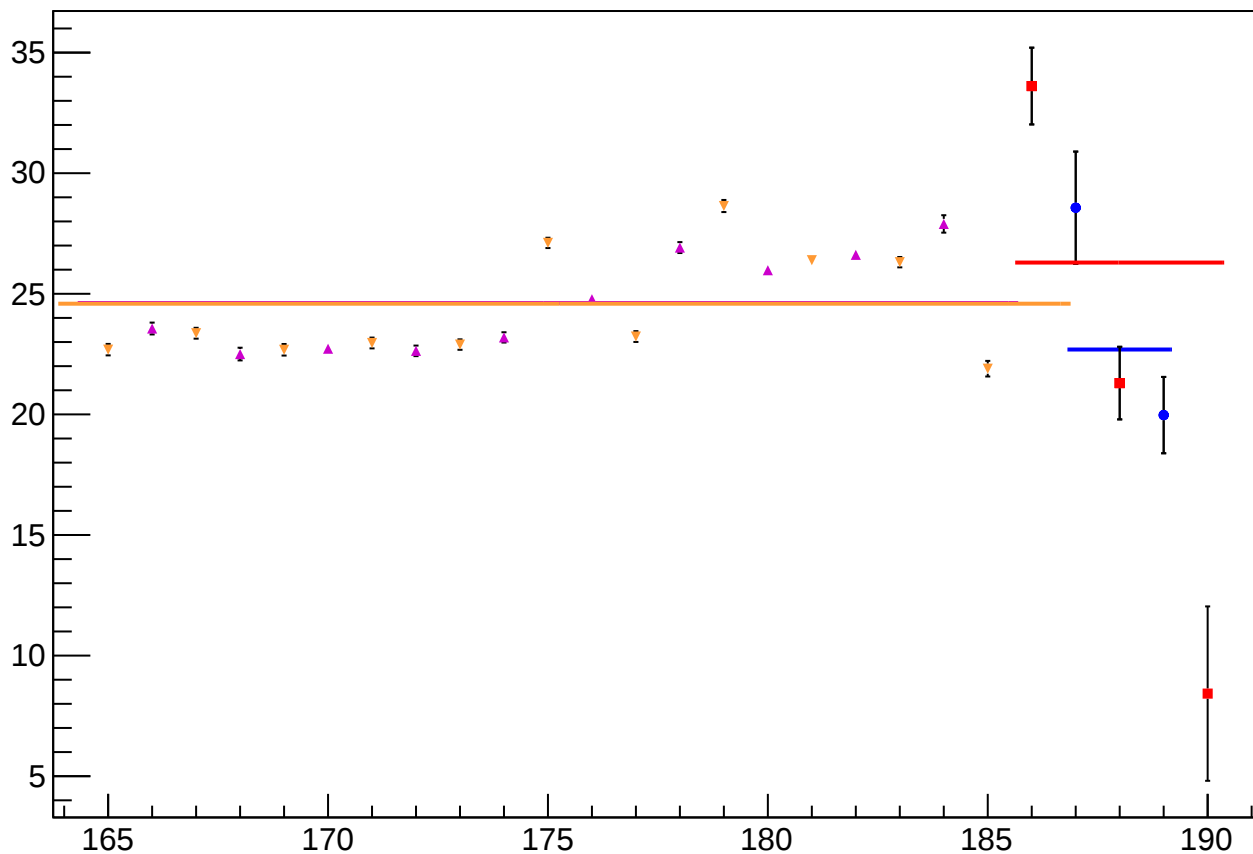
Left In: 21.883 $\pm$ 0.074 χ^2/NDF : 173.1/9

+ sign 22.567 $\pm$ 0.071 χ^2/NDF : 1663.4/14

All: 22.636 $\pm$ 0.050 χ^2/NDF : 5211.6/29

- sign 22.707 $\pm$ 0.071 χ^2/NDF : 3546.3/14

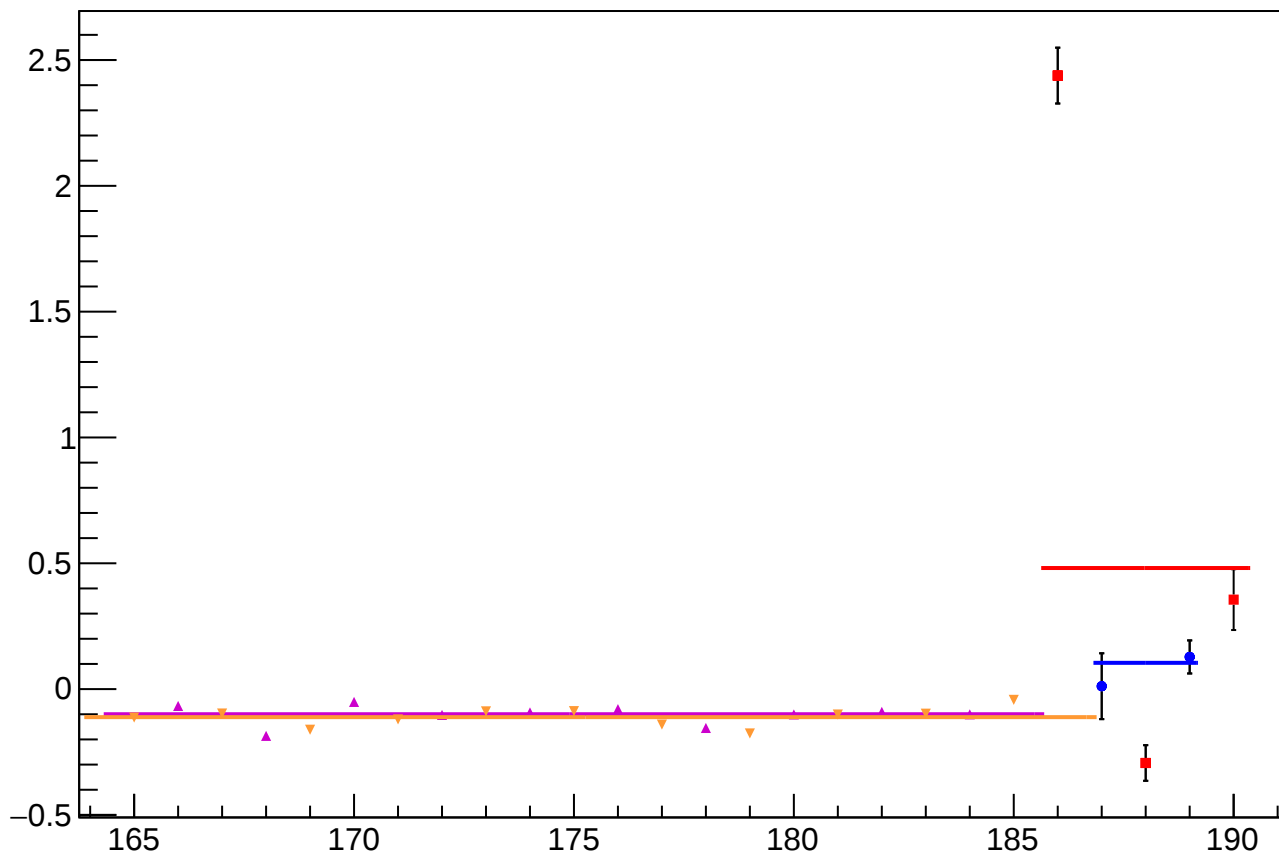
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 22.690 $\pm$ 0.925 χ^2 /NDF: 18.7/3
 Left Out: 24.589 $\pm$ 0.068 χ^2 /NDF: 940.9/10
 Right Out: 26.295 $\pm$ 0.756 χ^2 /NDF: 88.8/4
 Left In: 24.618 $\pm$ 0.070 χ^2 /NDF: 637.9/9

+ sign 24.579 $\pm$ 0.068 χ^2 /NDF: 963.7/14
 All: 24.605 $\pm$ 0.049 χ^2 /NDF: 1695.6/29
 - sign 24.633 $\pm$ 0.070 χ^2 /NDF: 731.6/14

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.104 ± 0.042 χ^2/NDF : 1.3/3

Left Out: -0.111 ± 0.003 χ^2/NDF : 108.9/10

Right Out: 0.481 ± 0.040 χ^2/NDF : 863.0/4

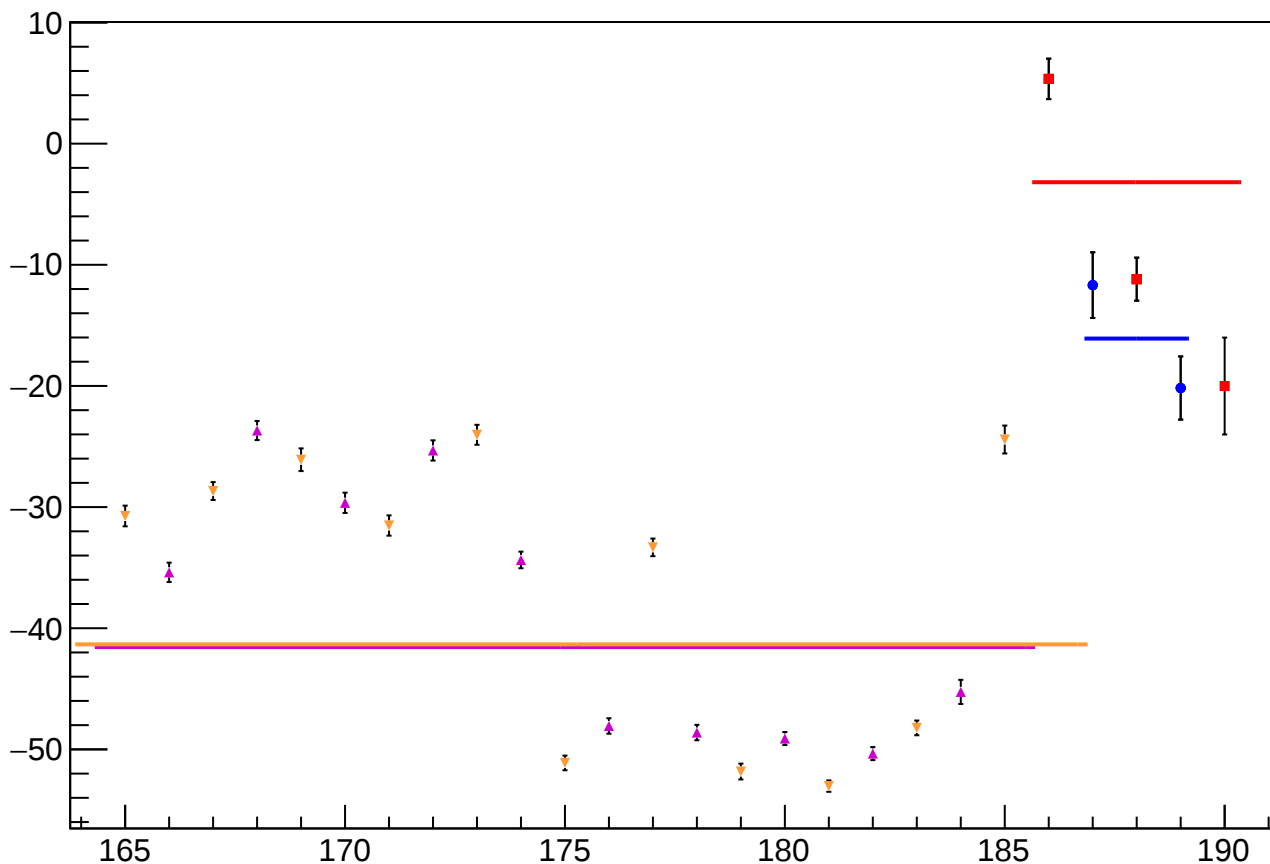
Left In: -0.100 ± 0.003 χ^2/NDF : 137.2/9

+ sign -0.110 ± 0.003 χ^2/NDF : 137.1/14

All: -0.103 ± 0.002 χ^2/NDF : 1359.2/29

- sign -0.096 ± 0.003 χ^2/NDF : 1211.7/14

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -16.089 ± 1.329 $\chi^2/\text{NDF}: 10.2/3$

Left Out: -41.333 ± 0.212 $\chi^2/\text{NDF}: 2892.1/10$

Right Out: -3.183 ± 0.841 $\chi^2/\text{NDF}: 110.5/4$

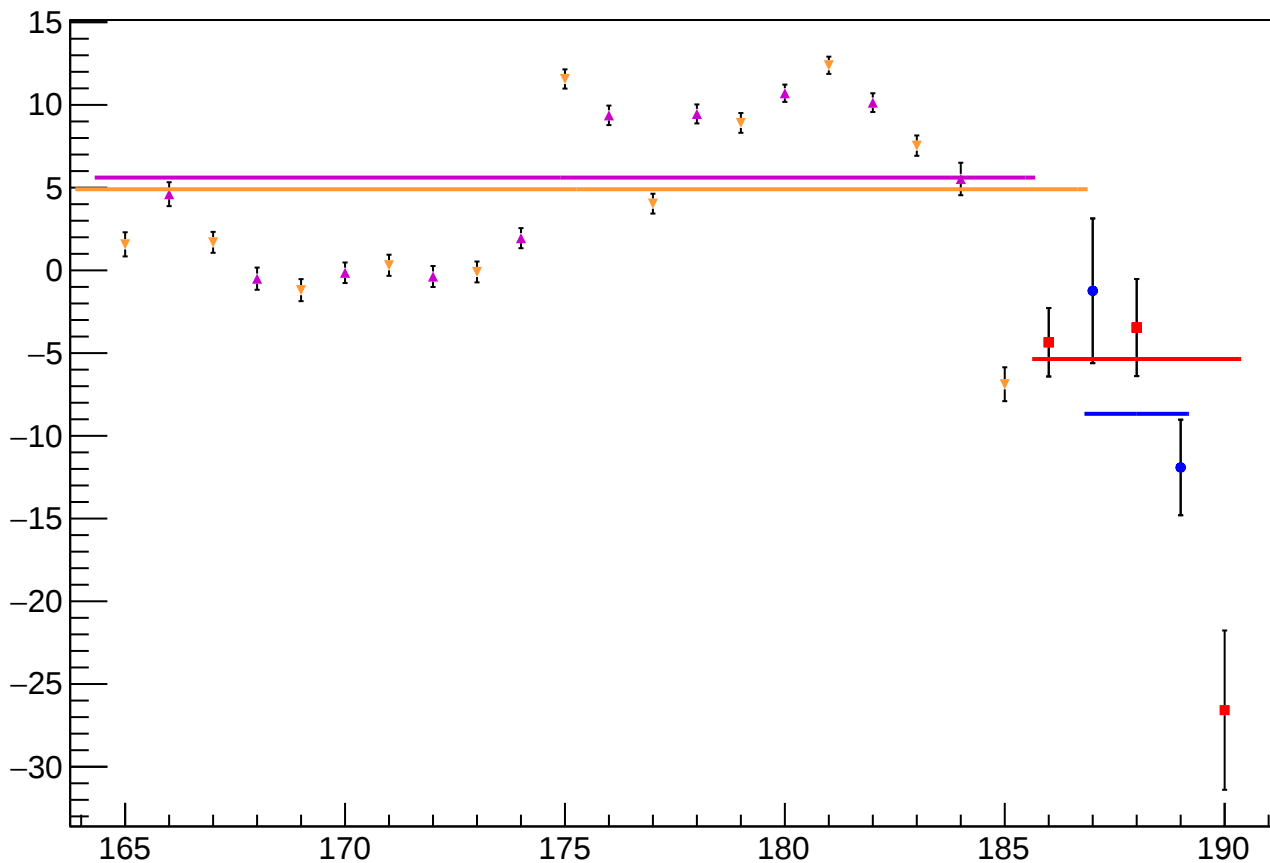
Left In: -41.551 ± 0.218 $\chi^2/\text{NDF}: 1967.7/9$

+ sign -40.704 ± 0.210 $\chi^2/\text{NDF}: 3254.2/14$

All: -39.924 ± 0.149 $\chi^2/\text{NDF}: 7310.7/29$

- sign -39.133 ± 0.211 $\chi^2/\text{NDF}: 4028.7/14$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.669 $\pm$ 1.704 χ^2 /NDF: 8.3/3

Left Out: 4.903 $\pm$ 0.191 χ^2 /NDF: 781.5/10

Right Out: -5.358 $\pm$ 1.160 χ^2 /NDF: 20.8/4

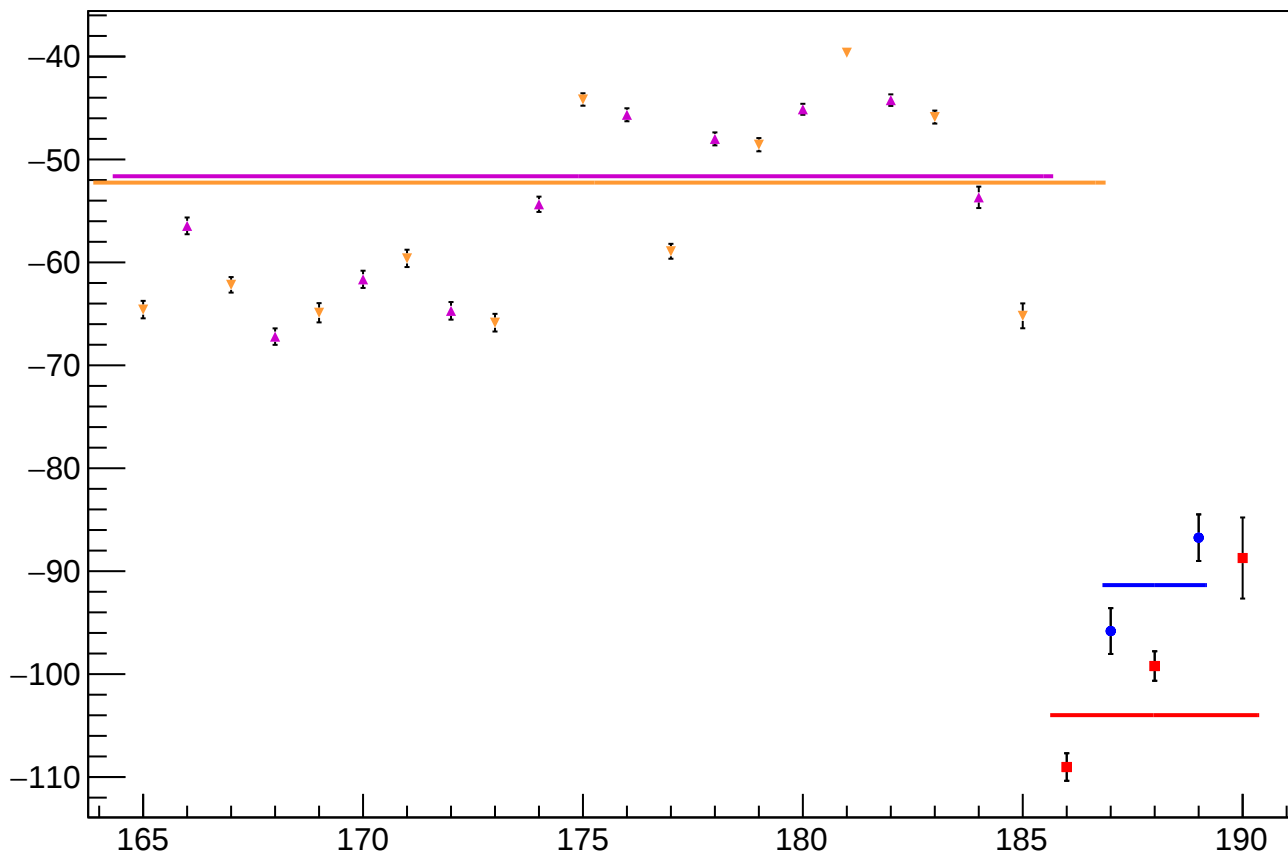
Left In: 5.608 $\pm$ 0.197 χ^2 /NDF: 540.7/9

+ sign 4.735 $\pm$ 0.190 χ^2 /NDF: 852.5/14

All: 5.010 $\pm$ 0.136 χ^2 /NDF: 1505.1/29

- sign 5.299 $\pm$ 0.195 χ^2 /NDF: 648.3/14

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -91.353 ± 1.123 $\chi^2/\text{NDF}: 16.3/3$

Left Out: -52.249 ± 0.216 $\chi^2/\text{NDF}: 2069.9/10$

Right Out: -103.986 ± 0.682 $\chi^2/\text{NDF}: 65.5/4$

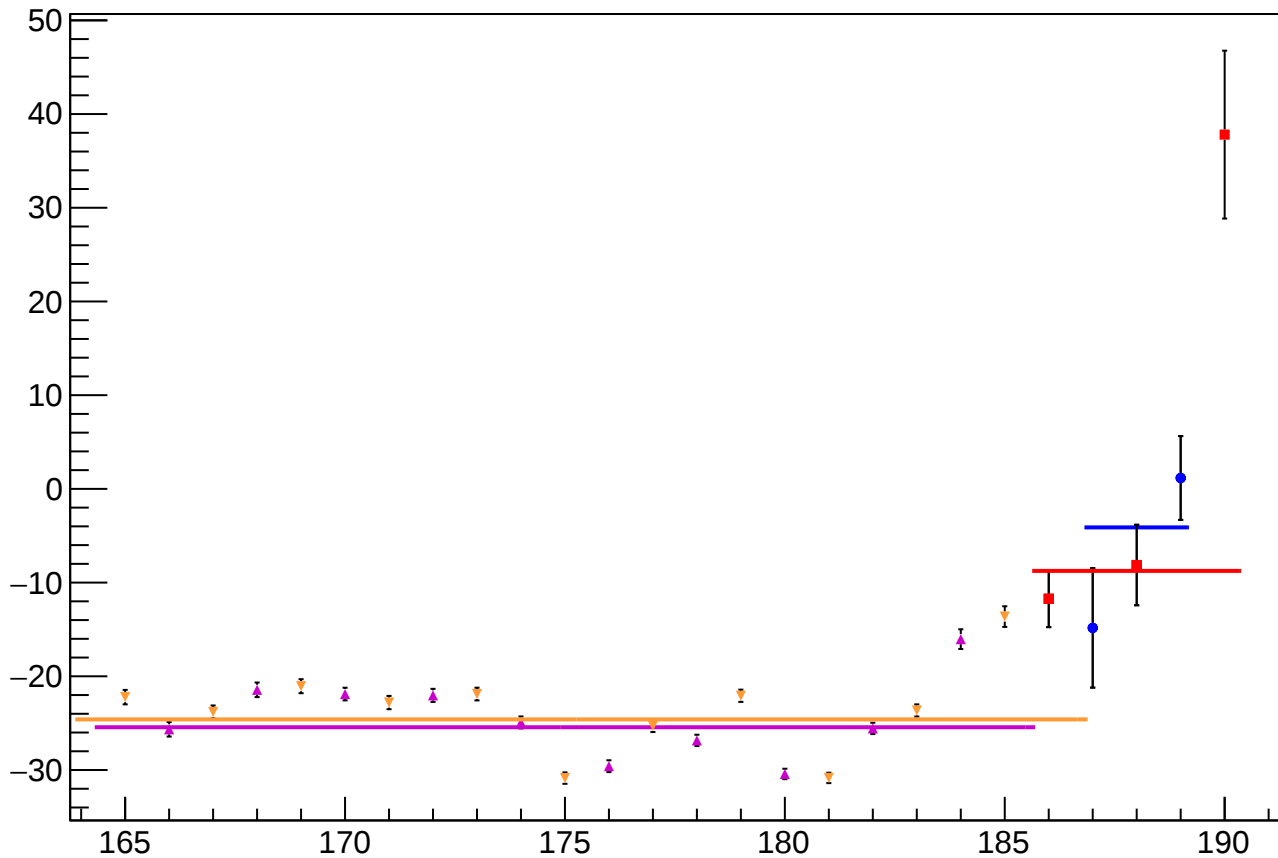
Left In: -51.630 ± 0.222 $\chi^2/\text{NDF}: 1254.9/9$

+ sign -53.644 ± 0.212 $\chi^2/\text{NDF}: 3256.4/14$

All: -55.151 ± 0.150 $\chi^2/\text{NDF}: 10013.4/29$

- sign -56.642 ± 0.211 $\chi^2/\text{NDF}: 6656.5/14$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -4.110 ± 2.588 $\chi^2/\text{NDF}: 8.4/3$

Left Out: -24.601 ± 0.206 $\chi^2/\text{NDF}: 404.1/10$

Right Out: -8.752 ± 1.718 $\chi^2/\text{NDF}: 29.0/4$

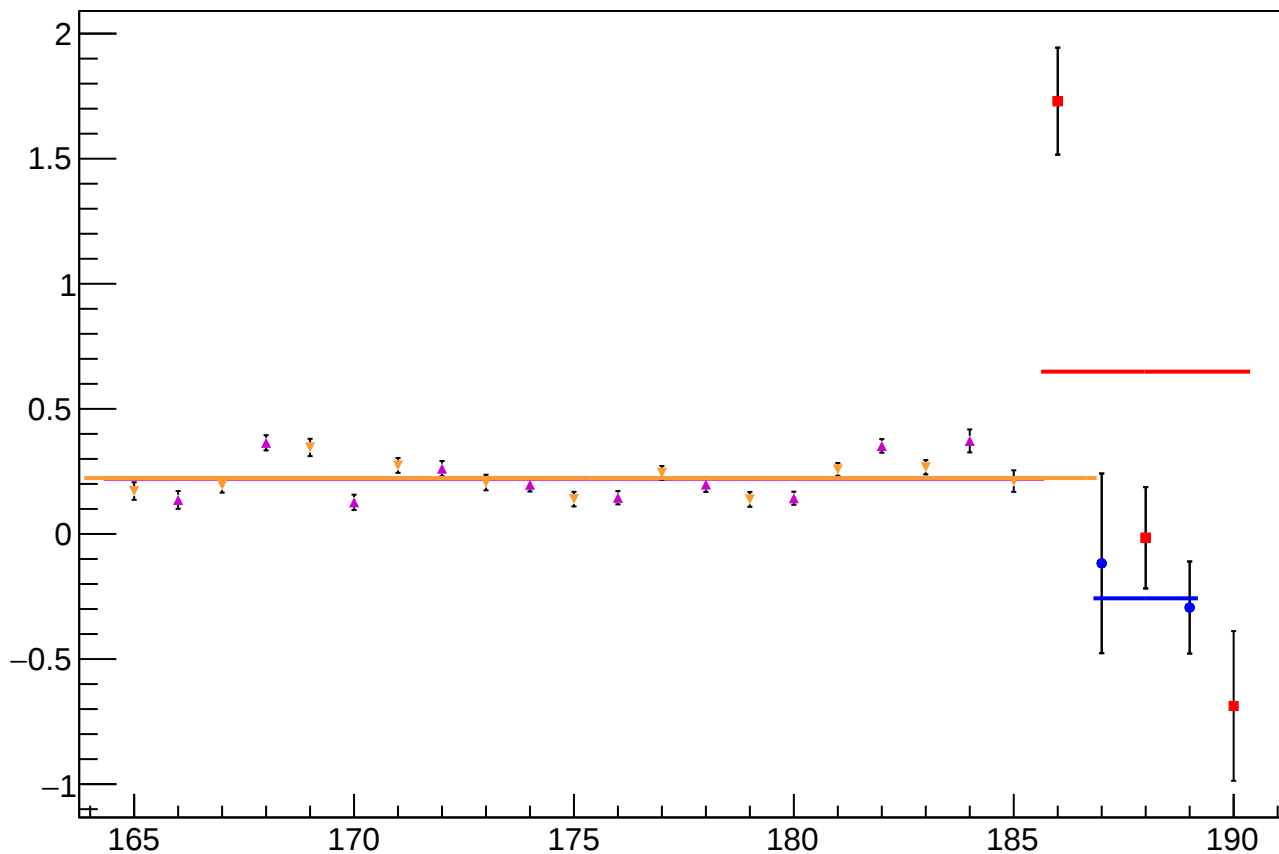
Left In: -25.436 ± 0.213 $\chi^2/\text{NDF}: 286.7/9$

+ sign -24.471 ± 0.206 $\chi^2/\text{NDF}: 474.8/14$

All: -24.819 ± 0.147 $\chi^2/\text{NDF}: 889.2/29$

- sign -25.184 ± 0.211 $\chi^2/\text{NDF}: 408.5/14$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.257 ± 0.116 $\chi^2/\text{NDF}: 0.4/3$

Left Out: 0.223 ± 0.009 $\chi^2/\text{NDF}: 39.8/10$

Right Out: 0.649 ± 0.098 $\chi^2/\text{NDF}: 92.6/4$

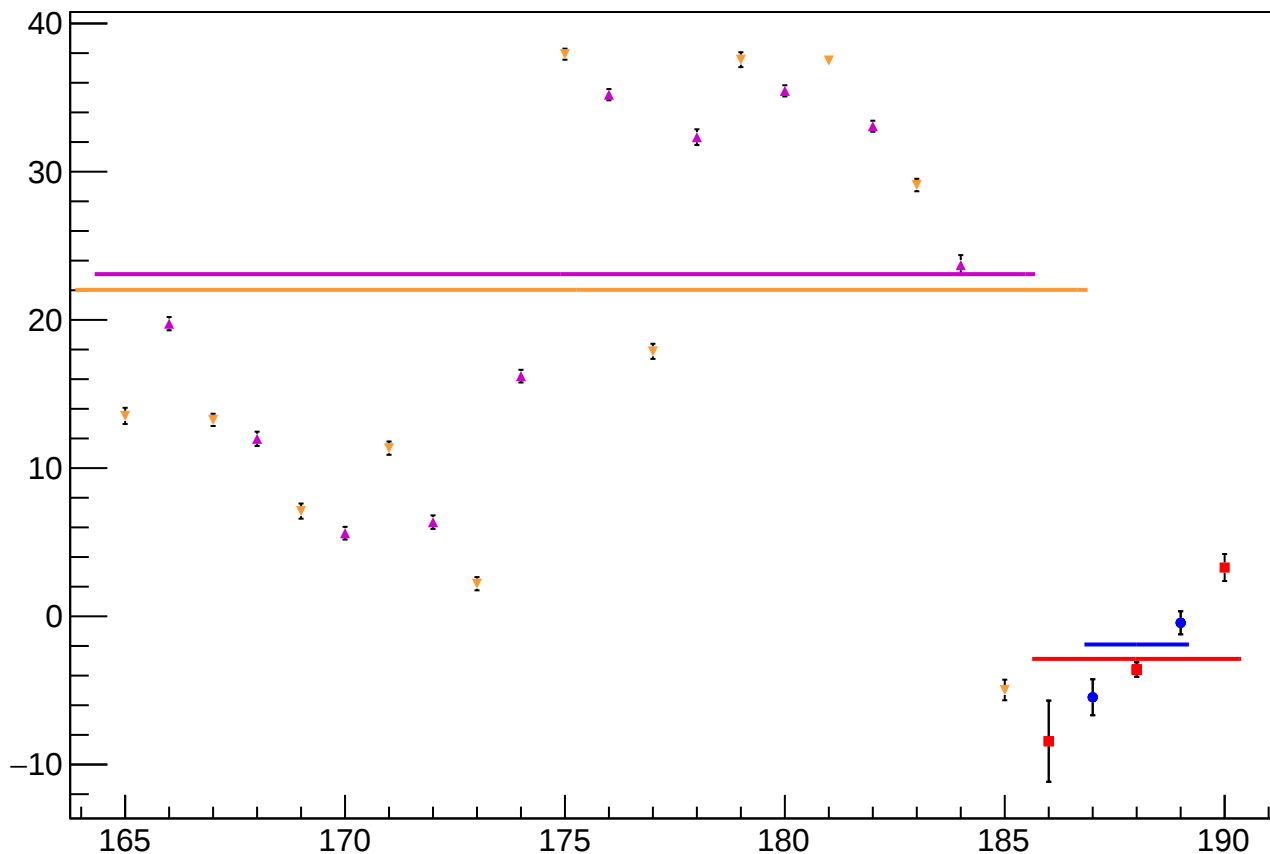
Left In: 0.221 ± 0.009 $\chi^2/\text{NDF}: 91.0/9$

+ sign 0.220 ± 0.009 $\chi^2/\text{NDF}: 57.3/14$

All: 0.223 ± 0.007 $\chi^2/\text{NDF}: 259.8/29$

- sign 0.225 ± 0.009 $\chi^2/\text{NDF}: 202.4/14$

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -1.900 ± 0.463 χ^2/NDF : 24.3/3

Left Out: 22.027 ± 0.135 χ^2/NDF : 10913.6/10

Right Out: -2.871 ± 0.320 χ^2/NDF : 58.2/4

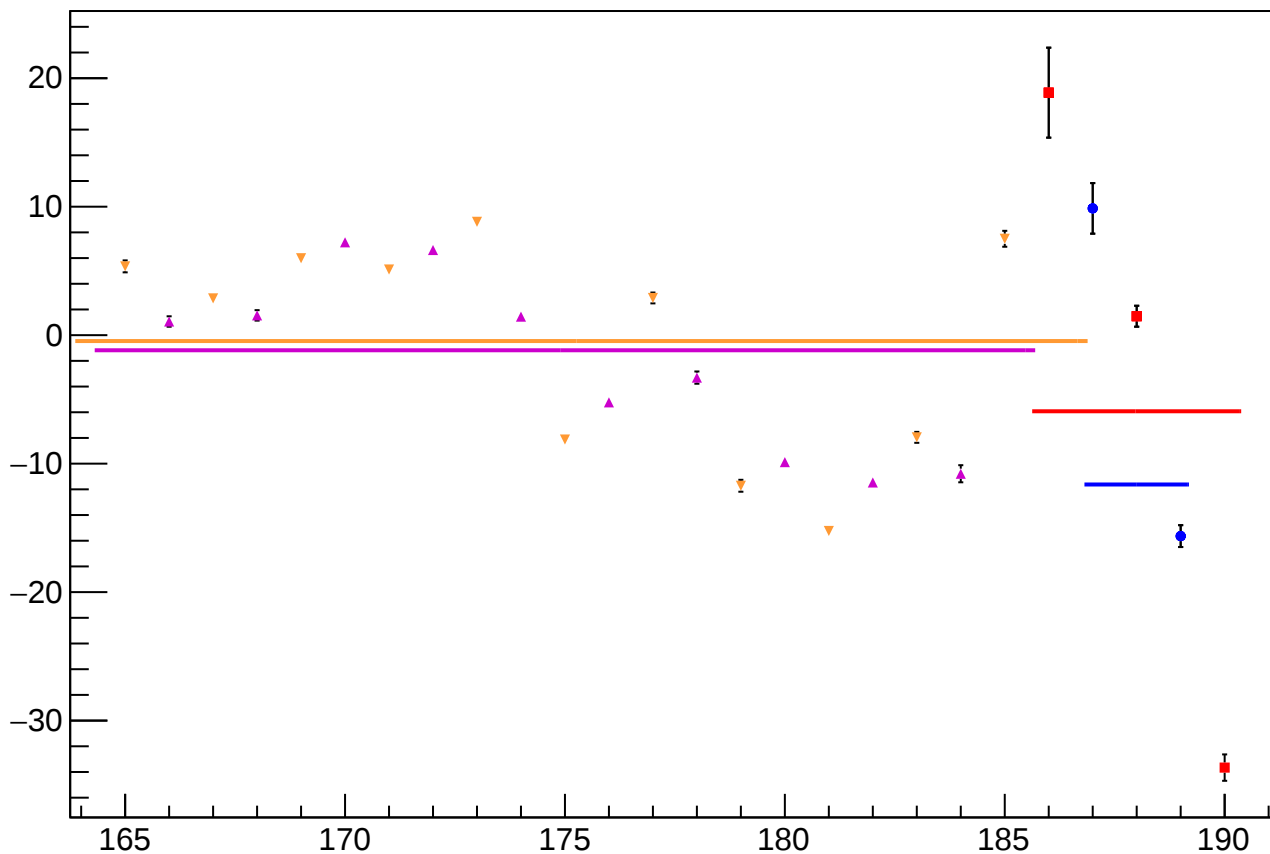
Left In: 23.088 ± 0.139 χ^2/NDF : 6955.9/9

+ sign 20.153 ± 0.130 χ^2/NDF : 13397.3/14

All: 19.557 ± 0.091 χ^2/NDF : 25978.4/29

- sign 18.982 ± 0.127 χ^2/NDF : 12539.6/14

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -11.623 ± 0.552 χ^2/NDF : 283.1/3

Left Out: -0.458 ± 0.119 χ^2/NDF : 4792.0/10

Right Out: -5.924 ± 0.493 χ^2/NDF : 994.0/4

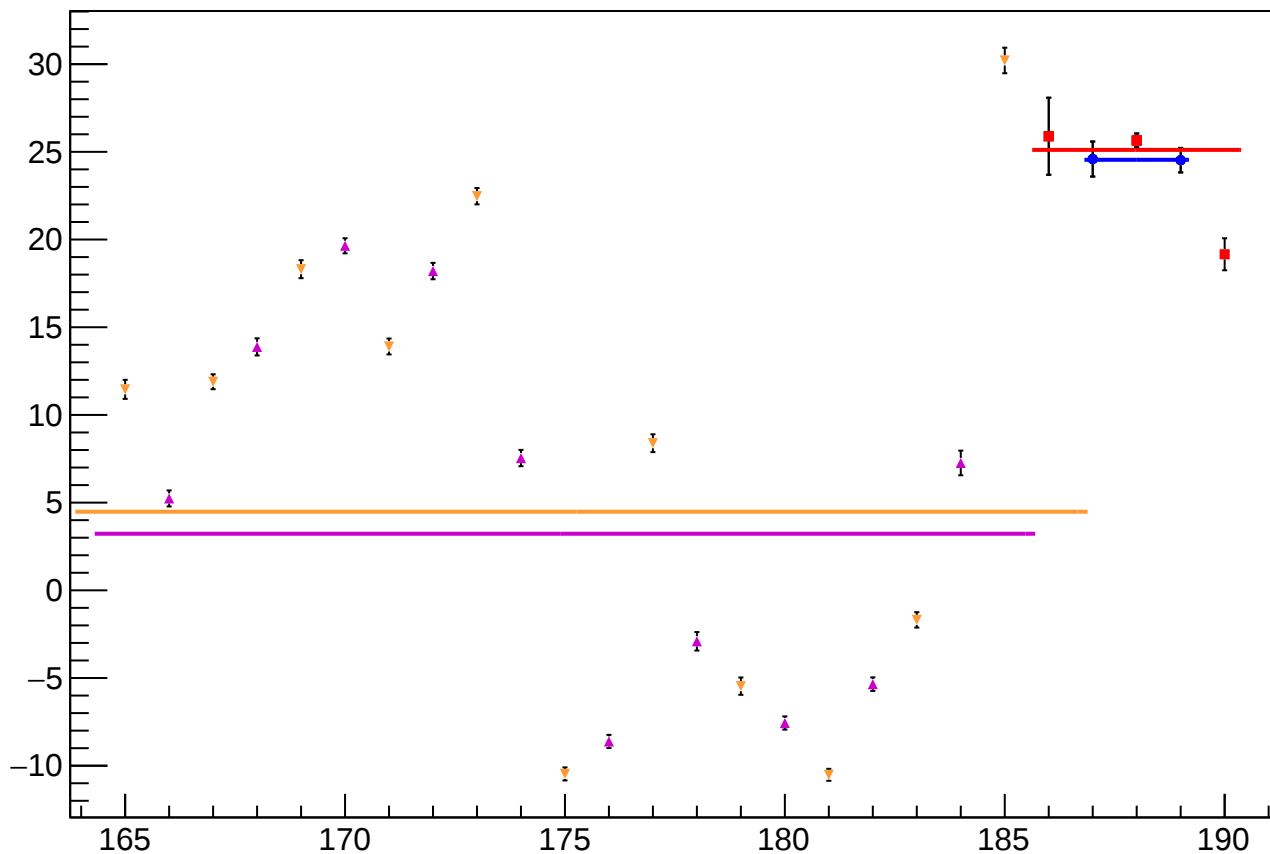
Left In: -1.176 ± 0.124 χ^2/NDF : 2909.9/9

+ sign -0.954 ± 0.116 χ^2/NDF : 5465.6/14

All: -1.198 ± 0.084 χ^2/NDF : 9465.9/29

- sign -1.457 ± 0.120 χ^2/NDF : 3991.2/14

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 24.546 $\pm$ 0.405 χ^2 /NDF: 0.0/3

Left Out: 4.482 $\pm$ 0.137 χ^2 /NDF: 8567.7/10

Right Out: 25.111 $\pm$ 0.265 χ^2 /NDF: 46.4/4

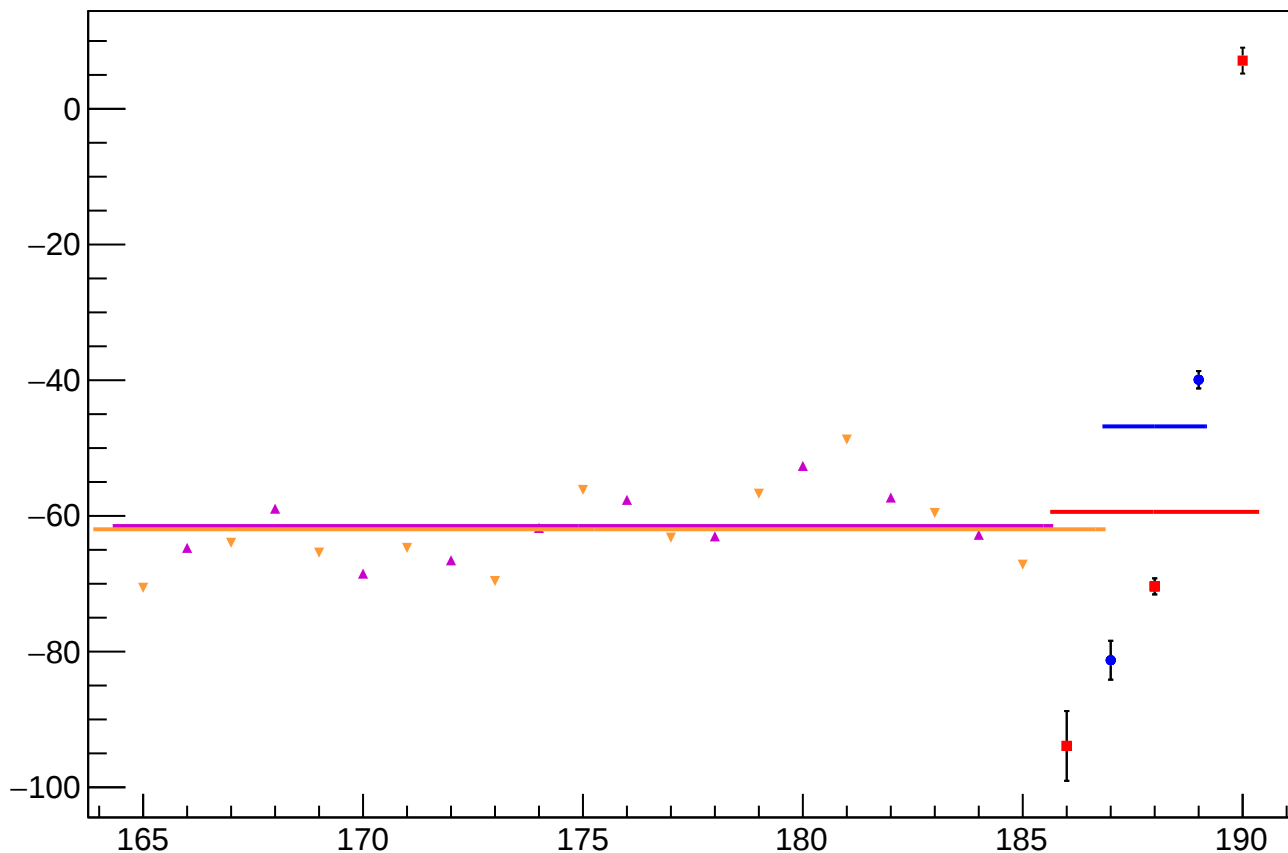
Left In: 3.226 $\pm$ 0.141 χ^2 /NDF: 5547.4/9

+ sign 6.552 $\pm$ 0.130 χ^2 /NDF: 10771.2/14

All: 7.349 $\pm$ 0.090 χ^2 /NDF: 21756.7/29

- sign 8.081 $\pm$ 0.125 χ^2 /NDF: 10913.5/14

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -46.805 ± 0.826 χ^2/NDF : 347.0/3

Left Out: -61.972 ± 0.129 χ^2/NDF : 2485.4/10

Right Out: -59.401 ± 0.751 χ^2/NDF : 1475.2/4

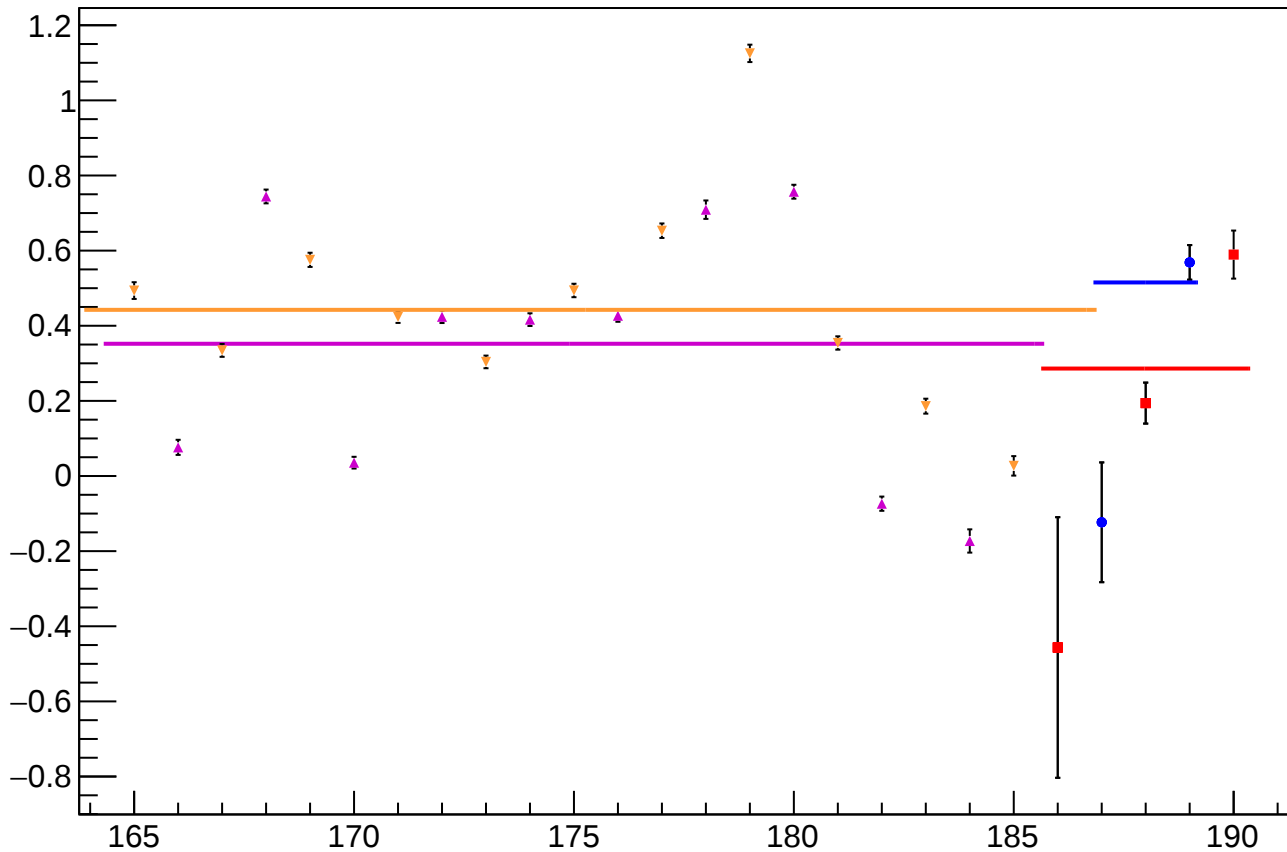
Left In: -61.494 ± 0.134 χ^2/NDF : 1385.3/9

+ sign -61.613 ± 0.127 χ^2/NDF : 3161.2/14

All: -61.524 ± 0.091 χ^2/NDF : 6030.3/29

- sign -61.430 ± 0.132 χ^2/NDF : 2868.0/14

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.515 $\pm$ 0.031 χ^2/NDF : 34.8/3

Left Out: 0.442 $\pm$ 0.006 χ^2/NDF : 1607.2/10

Right Out: 0.286 $\pm$ 0.033 χ^2/NDF : 37.3/4

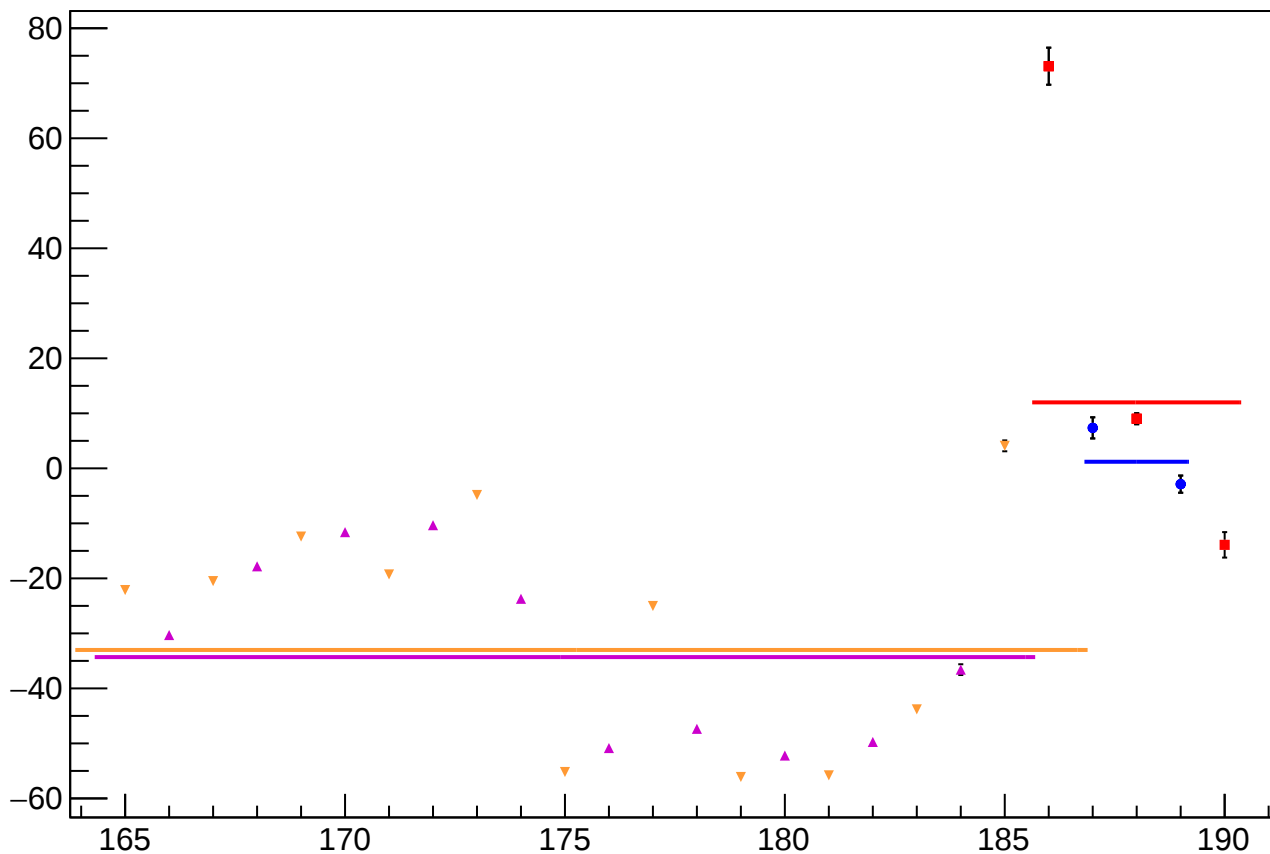
Left In: 0.352 $\pm$ 0.006 χ^2/NDF : 2589.5/9

+ sign 0.445 $\pm$ 0.006 χ^2/NDF : 1647.2/14

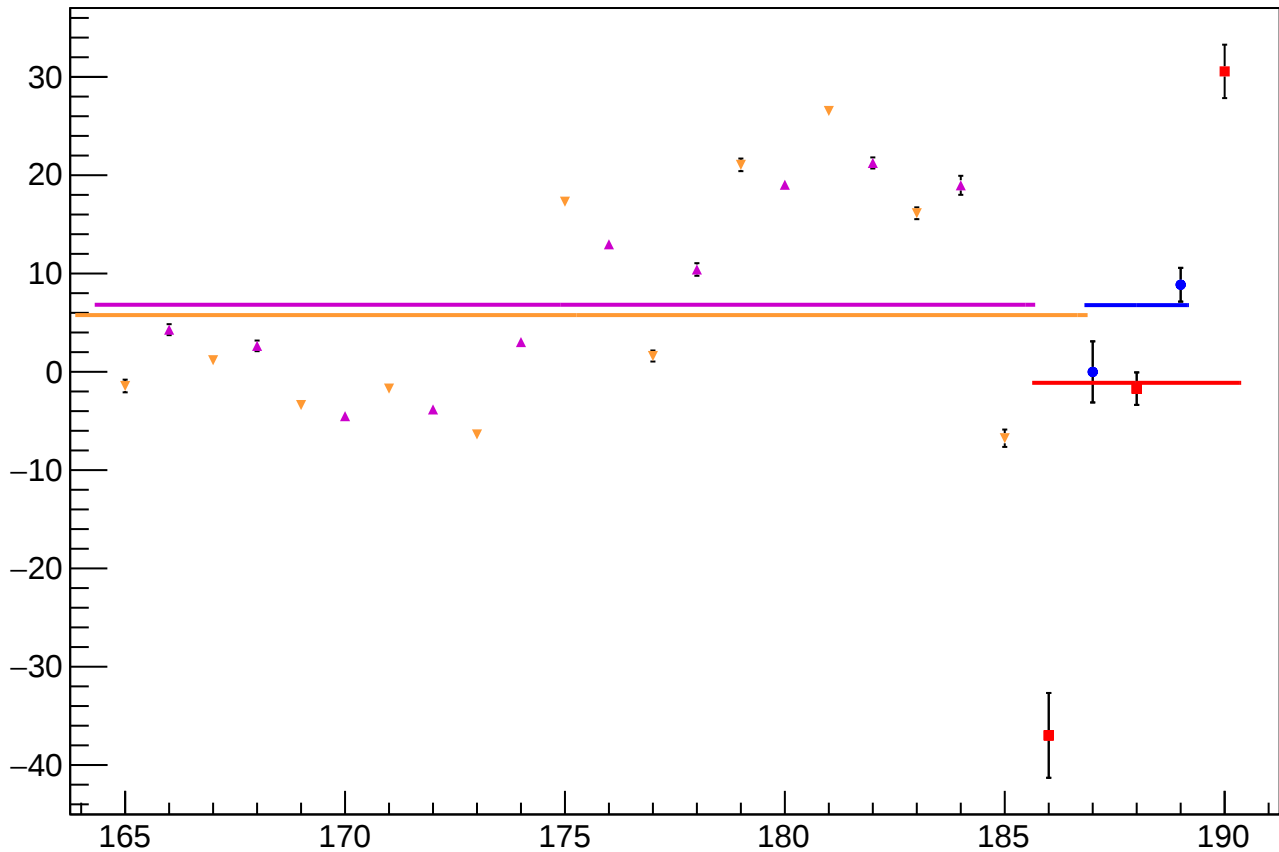
All: 0.399 $\pm$ 0.004 χ^2/NDF : 4415.5/29

- sign 0.350 $\pm$ 0.006 χ^2/NDF : 2630.8/14

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 6.785 ± 1.063 $\chi^2/\text{NDF}: 12.5/3$

Left Out: 5.770 ± 0.164 $\chi^2/\text{NDF}: 4760.7/10$

Right Out: -1.119 ± 1.013 $\chi^2/\text{NDF}: 274.3/4$

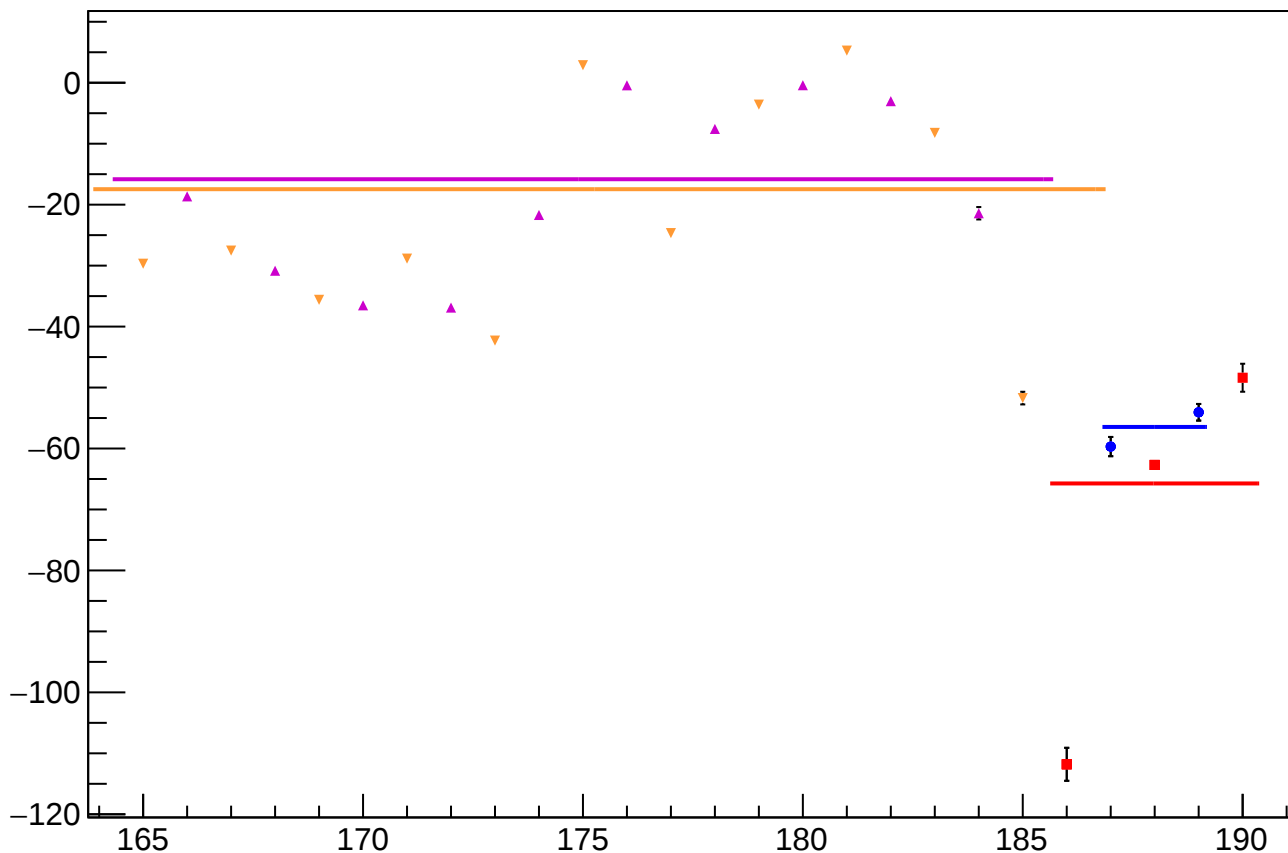
Left In: 6.821 ± 0.171 $\chi^2/\text{NDF}: 2818.5/9$

+ sign 5.794 ± 0.162 $\chi^2/\text{NDF}: 4774.1/14$

All: 6.182 ± 0.117 $\chi^2/\text{NDF}: 7938.6/29$

- sign 6.601 ± 0.169 $\chi^2/\text{NDF}: 3152.6/14$

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -56.462 ± 0.730 χ^2/NDF : 14.5/3

Left Out: -17.463 ± 0.190 χ^2/NDF : 8681.6/10

Right Out: -65.732 ± 0.533 χ^2/NDF : 665.1/4

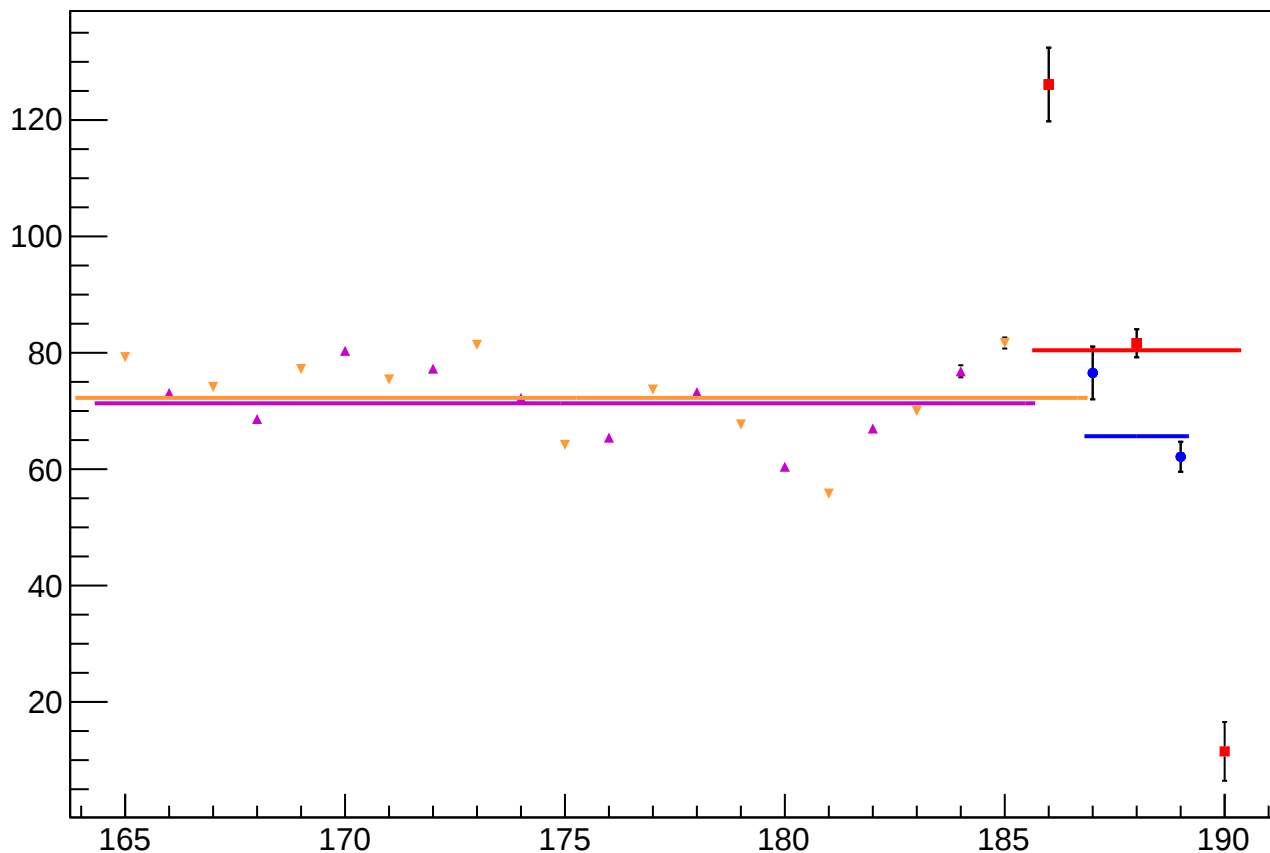
Left In: -15.829 ± 0.196 χ^2/NDF : 5304.5/9

+ sign -19.938 ± 0.184 χ^2/NDF : 11368.7/14

All: -20.855 ± 0.130 χ^2/NDF : 25121.4/29

- sign -21.770 ± 0.184 χ^2/NDF : 13703.1/14

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 65.665 $\pm$ 1.586 χ^2 /NDF: 15.3/3

Left Out: 72.255 $\pm$ 0.178 χ^2 /NDF:1854.0/10

Right Out: 80.434 $\pm$ 1.519 χ^2 /NDF: 290.6/4

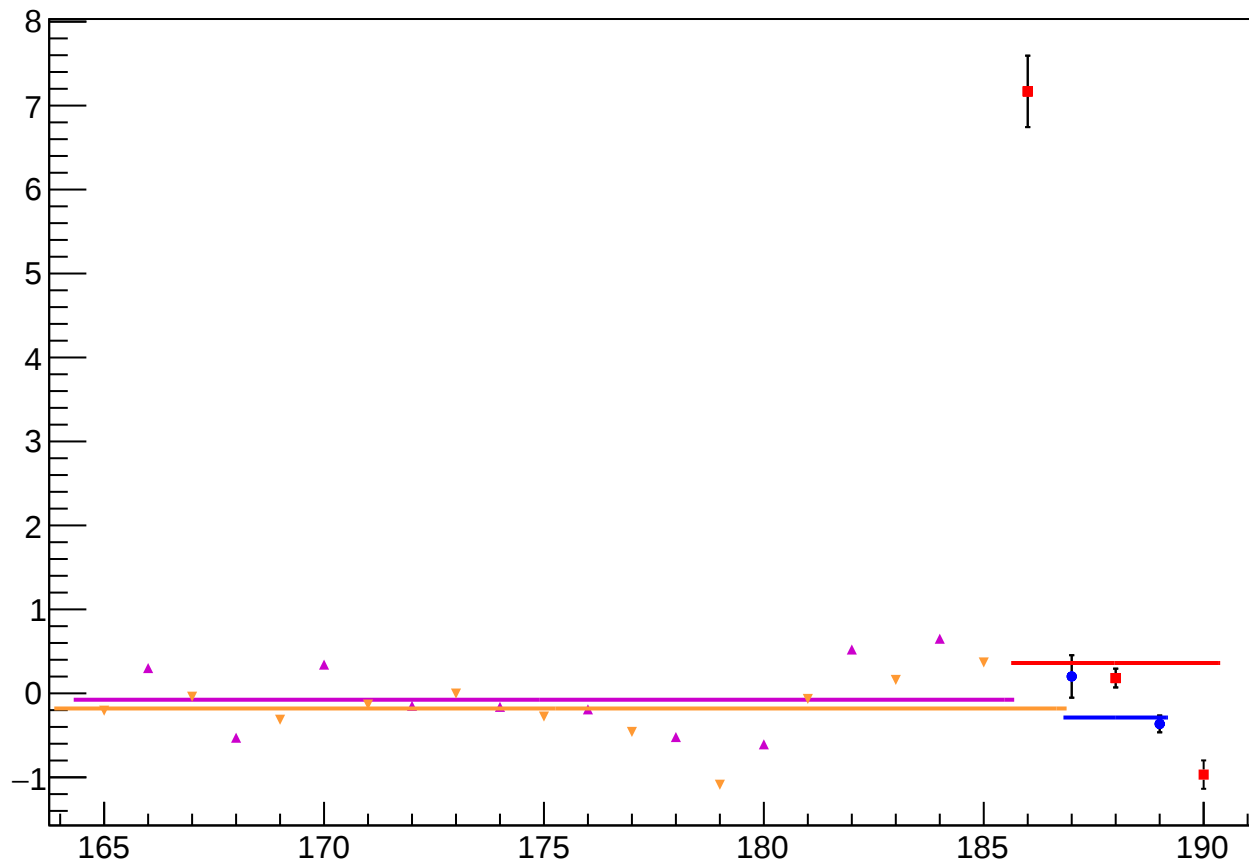
Left In: 71.324 $\pm$ 0.185 χ^2 /NDF:1101.4/9

+ sign 72.173 $\pm$ 0.177 χ^2 /NDF: 1886.4/14

All: 71.828 $\pm$ 0.127 χ^2 /NDF: 3321.7/29

- sign 71.457 $\pm$ 0.183 χ^2 /NDF: 1427.4/14

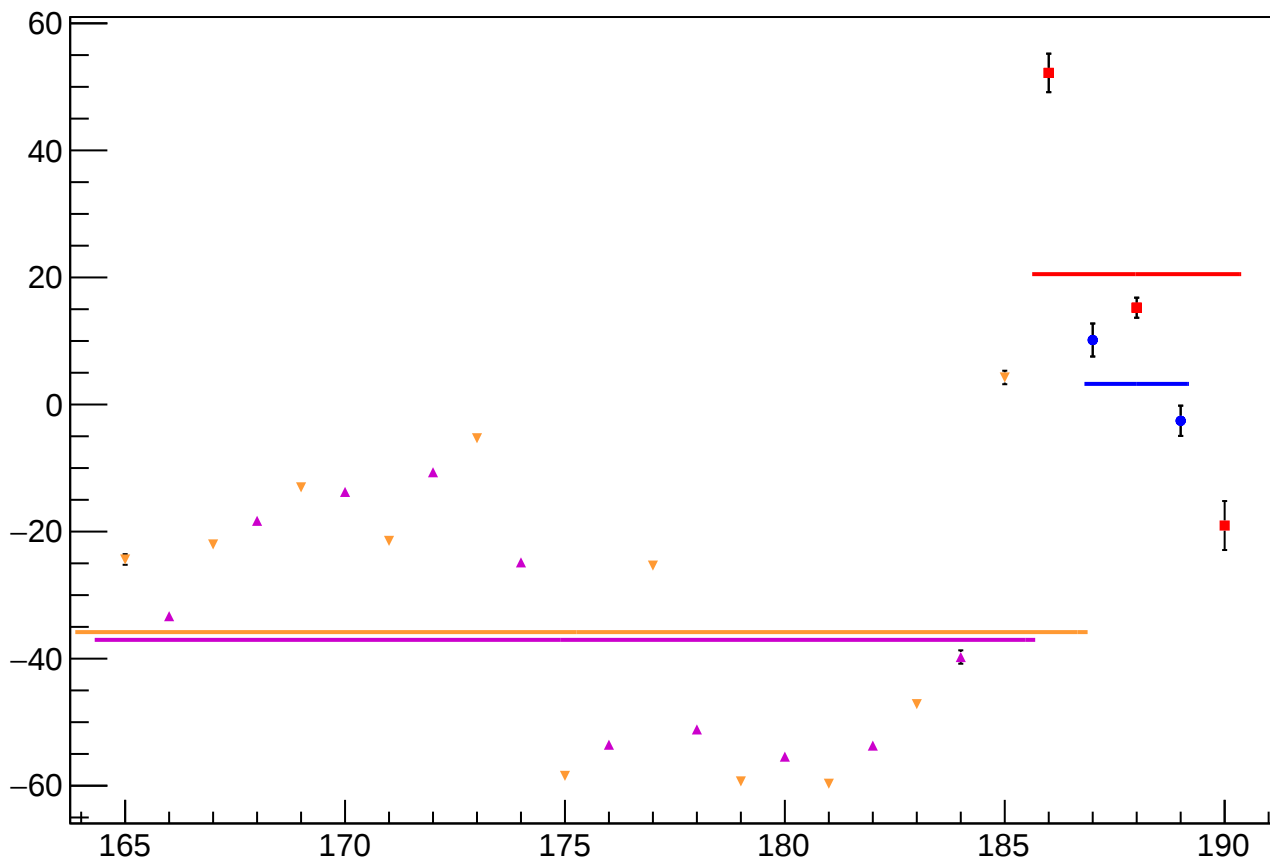
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.288 ± 0.066 χ^2/NDF : 8.6/3
 Left Out: -0.180 ± 0.008 χ^2/NDF : 1454.0/10
 Right Out: 0.361 ± 0.070 χ^2/NDF : 579.1/4
 Left In: -0.076 ± 0.008 χ^2/NDF : 2286.9/9

+ sign -0.182 ± 0.008 χ^2/NDF : 1465.3/14
 All: -0.128 ± 0.006 χ^2/NDF : 4468.7/29
 - sign -0.070 ± 0.008 χ^2/NDF : 2904.9/14

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 3.246 ± 1.241 $\chi^2/\text{NDF}: 26.1/3$

Left Out: -35.822 ± 0.197 $\chi^2/\text{NDF}: 11473.2/10$

Right Out: 20.521 ± 0.959 $\chi^2/\text{NDF}: 346.2/4$

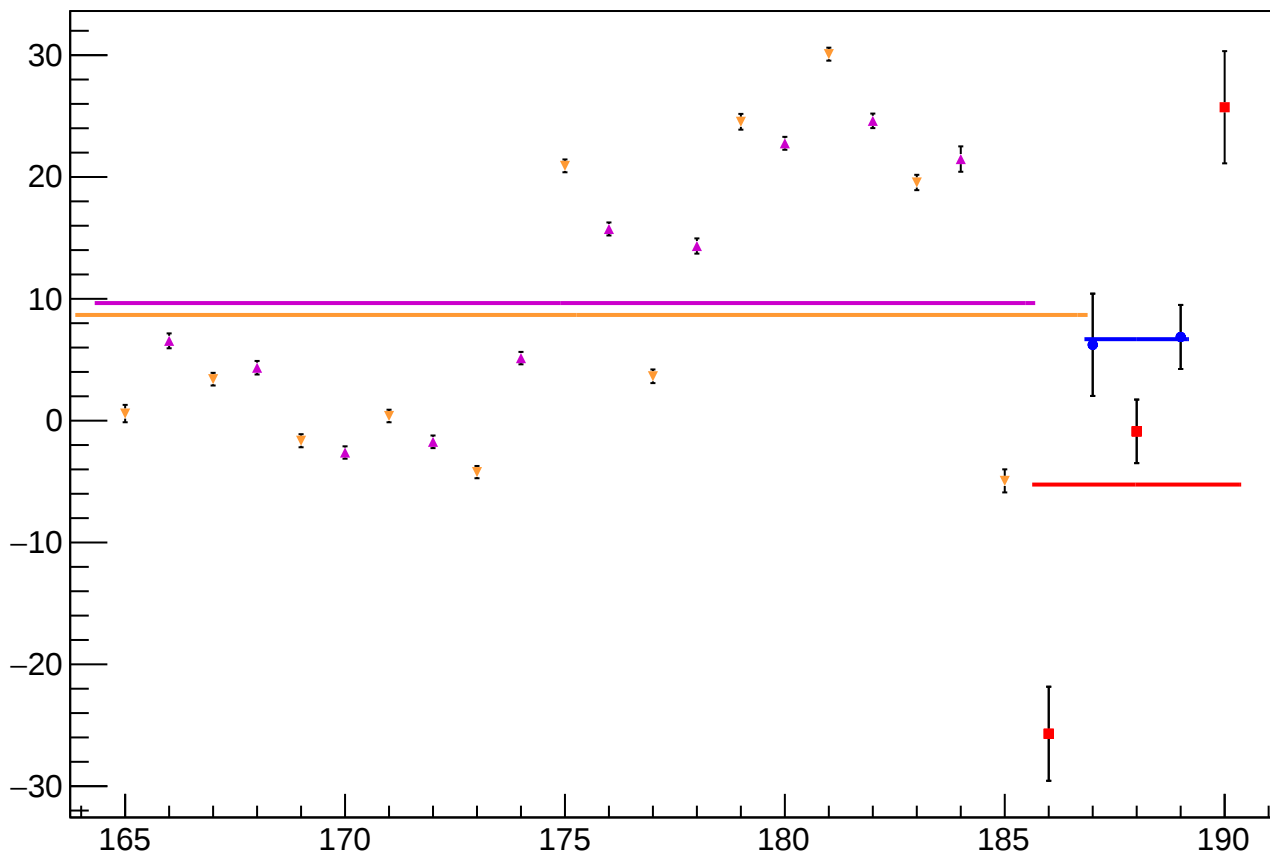
Left In: -37.043 ± 0.203 $\chi^2/\text{NDF}: 7202.1/9$

+ sign -34.857 ± 0.195 $\chi^2/\text{NDF}: 12466.3/14$

All: -34.720 ± 0.139 $\chi^2/\text{NDF}: 23461.5/29$

- sign -34.577 ± 0.199 $\chi^2/\text{NDF}: 10994.2/14$

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 6.689 $\pm$ 1.575 χ^2 /NDF: 0.0/3

Left Out: 8.677 $\pm$ 0.174 χ^2 /NDF:4851.2/10

Right Out: -5.245 $\pm$ 1.450 χ^2 /NDF: 107.0/4

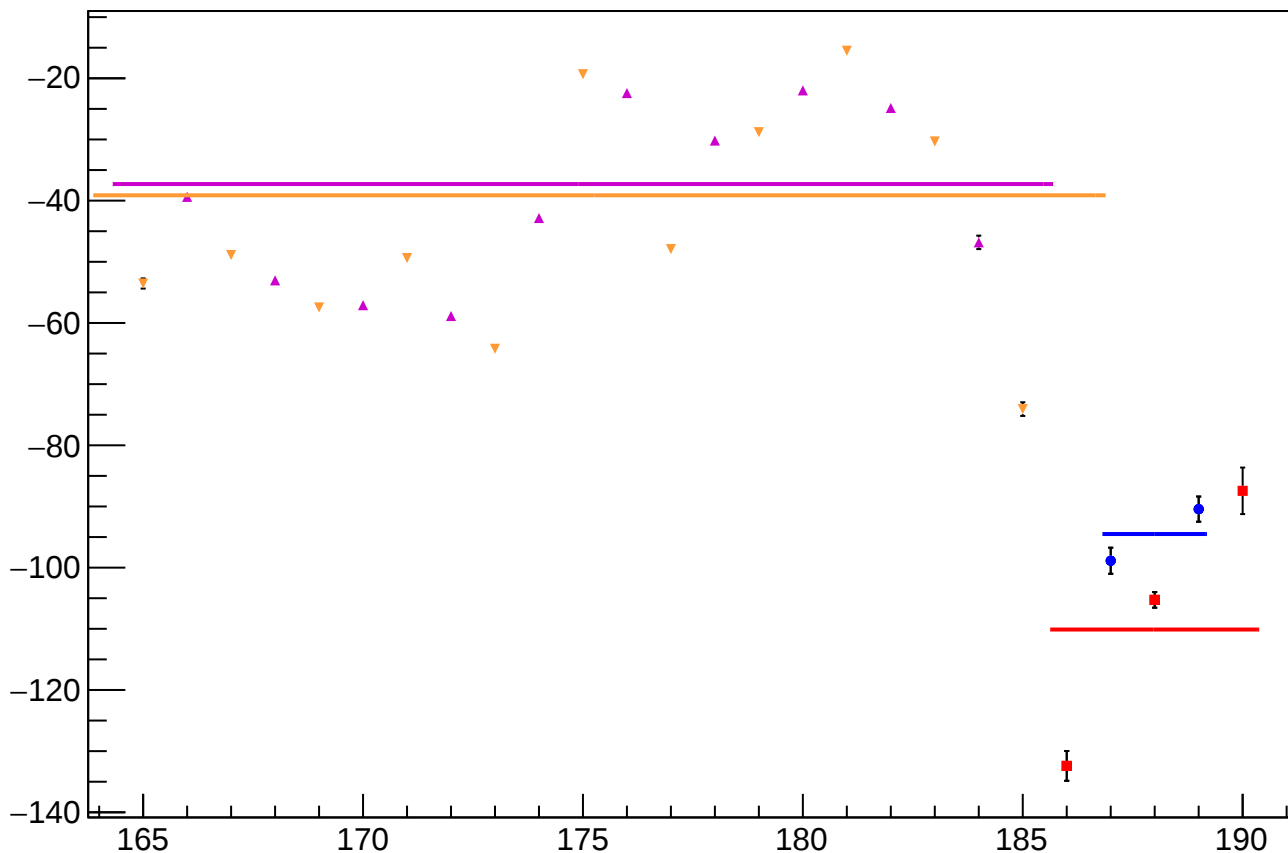
Left In: 9.653 $\pm$ 0.181 χ^2 /NDF:2815.4/9

+ sign 8.653 $\pm$ 0.173 χ^2 /NDF: 4852.8/14

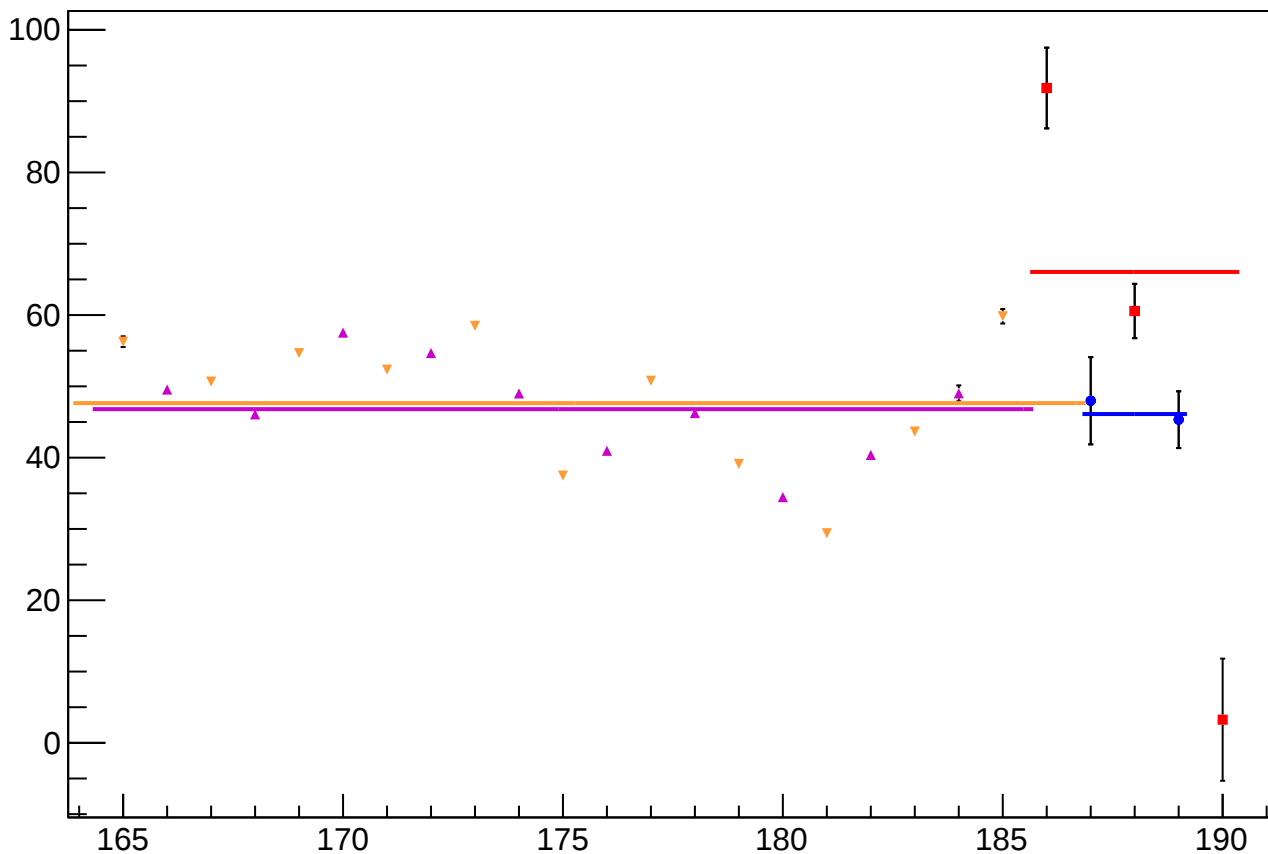
All: 9.025 $\pm$ 0.124 χ^2 /NDF: 7888.7/29

- sign 9.425 $\pm$ 0.179 χ^2 /NDF: 3026.3/14

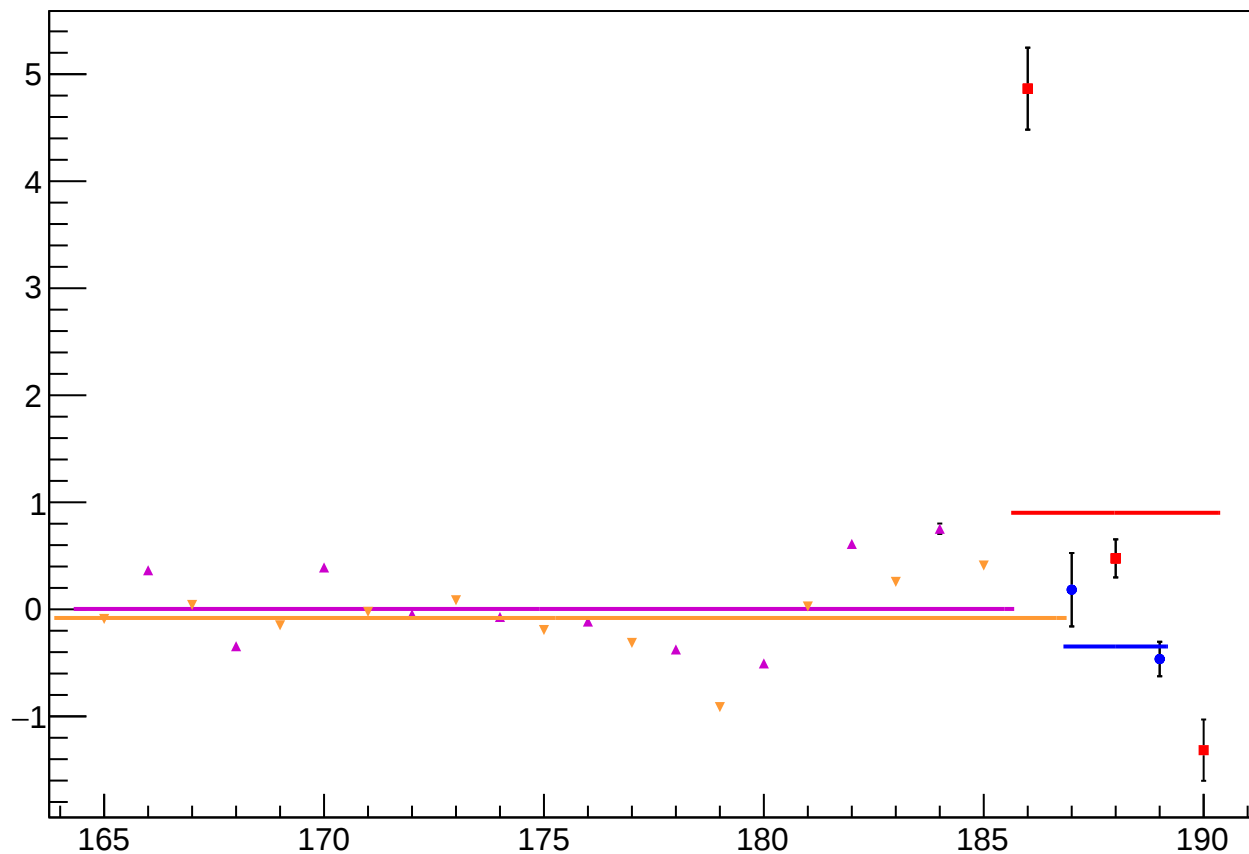
reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.347 ± 0.103 χ^2/NDF : 5.8/3

Left Out: -0.081 ± 0.008 χ^2/NDF : 1147.6/10

Right Out: 0.902 ± 0.106 χ^2/NDF : 285.6/4

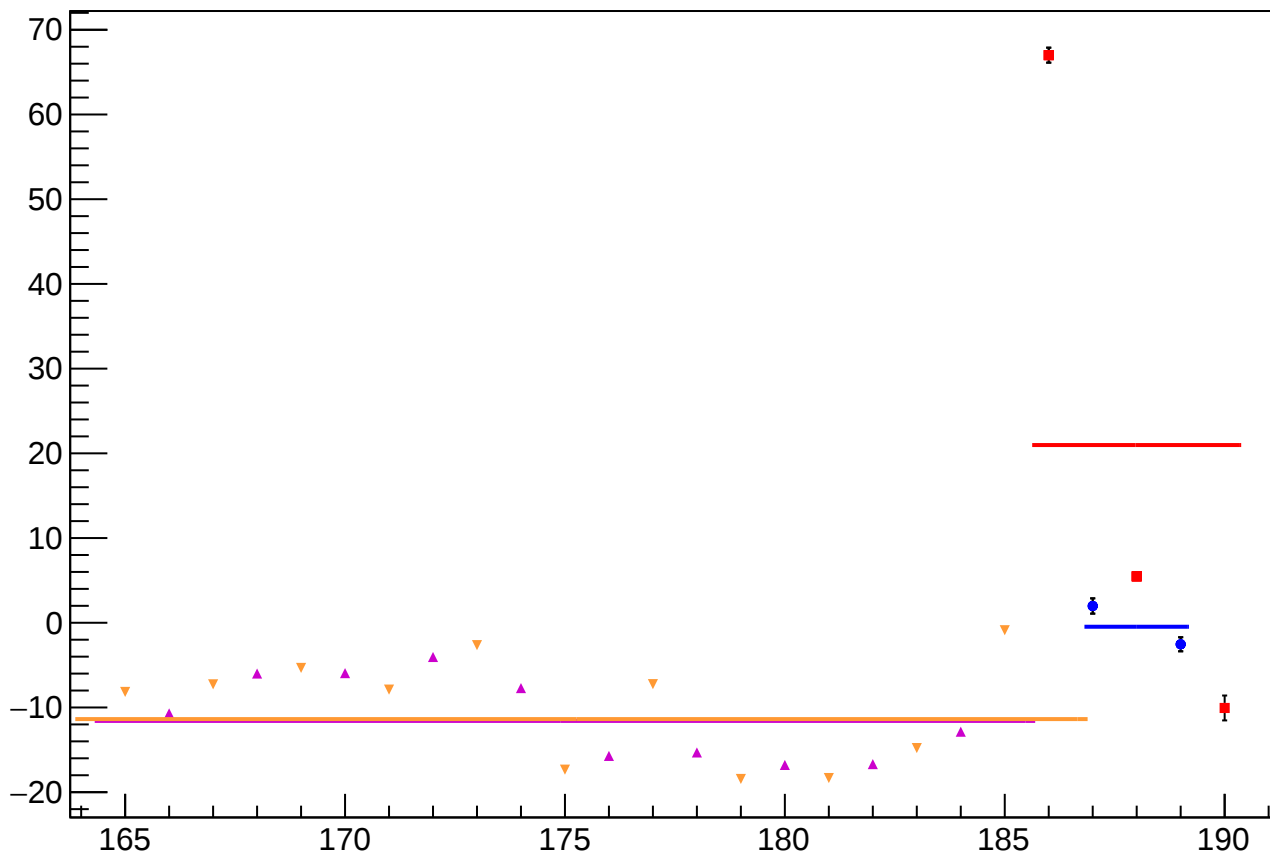
Left In: 0.004 ± 0.009 χ^2/NDF : 1797.4/9

+ sign -0.082 ± 0.008 χ^2/NDF : 1160.1/14

All: -0.038 ± 0.006 χ^2/NDF : 3373.5/29

- sign 0.010 ± 0.009 χ^2/NDF : 2154.4/14

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -0.469 ± 0.432 $\chi^2/\text{NDF}: 27.2/3$

Left Out: -11.372 ± 0.062 $\chi^2/\text{NDF}: 9318.1/10$

Right Out: 20.979 ± 0.322 $\chi^2/\text{NDF}: 7456.5/4$

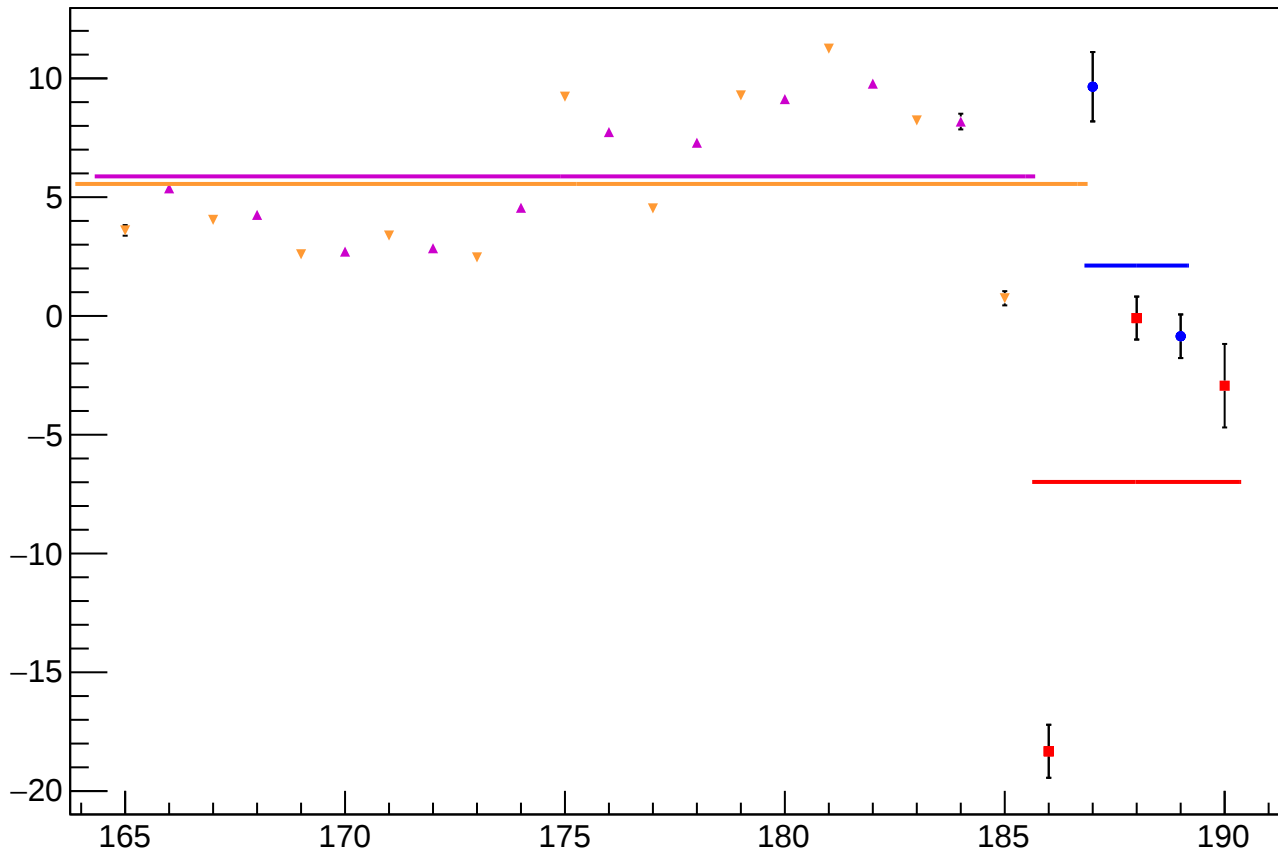
Left In: -11.586 ± 0.064 $\chi^2/\text{NDF}: 5756.0/9$

+ sign -11.152 ± 0.061 $\chi^2/\text{NDF}: 9970.6/14$

All: -10.764 ± 0.044 $\chi^2/\text{NDF}: 33138.6/29$

- sign -10.362 ± 0.062 $\chi^2/\text{NDF}: 23086.1/14$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.121 $\pm$ 0.550 χ^2 /NDF: 74.2/3

Left Out: 5.557 $\pm$ 0.054 χ^2 /NDF:3495.1/10

Right Out: -6.987 $\pm$ 0.478 χ^2 /NDF: 328.2/4

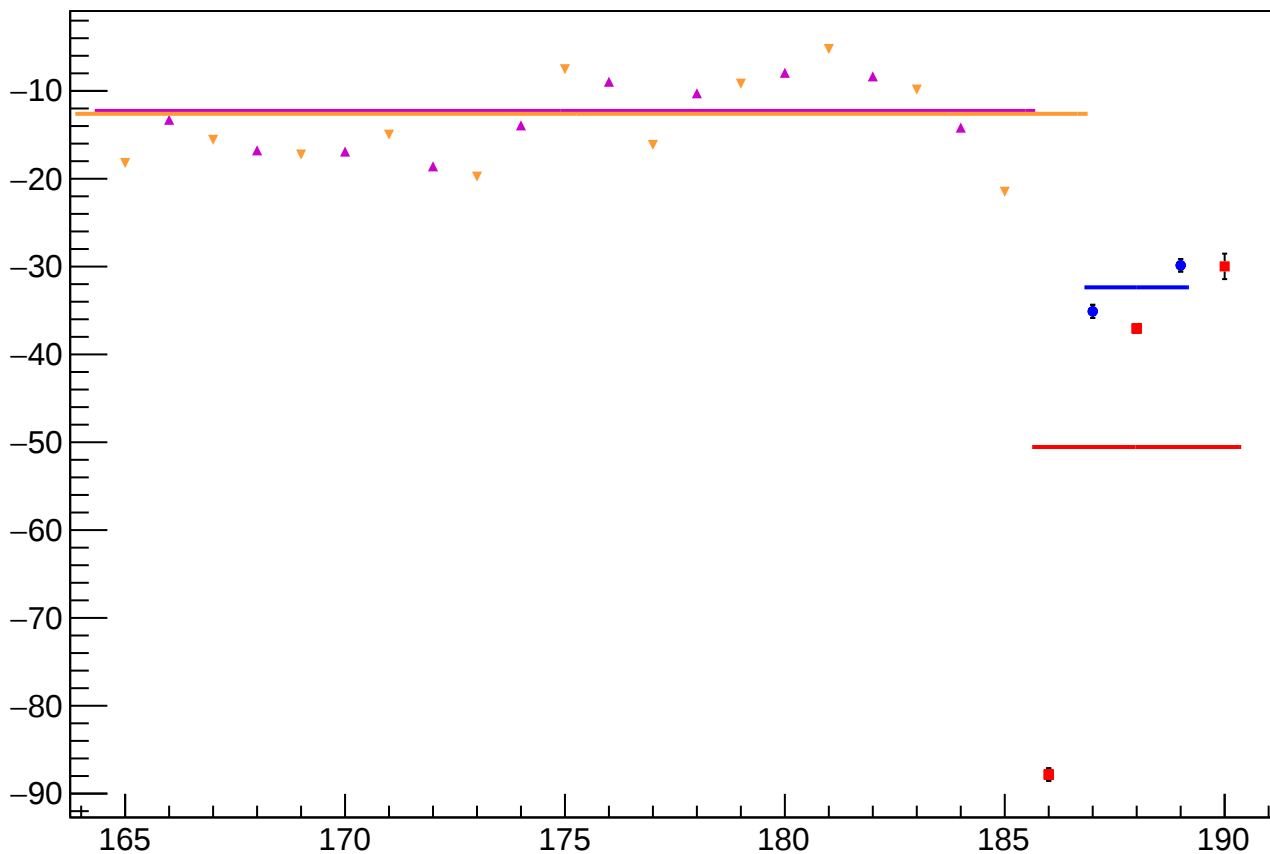
Left In: 5.874 $\pm$ 0.056 χ^2 /NDF:1937.5/9

+ sign 5.523 $\pm$ 0.054 χ^2 /NDF: 3608.0/14

All: 5.607 $\pm$ 0.039 χ^2 /NDF: 6592.9/29

- sign 5.697 $\pm$ 0.056 χ^2 /NDF: 2979.9/14

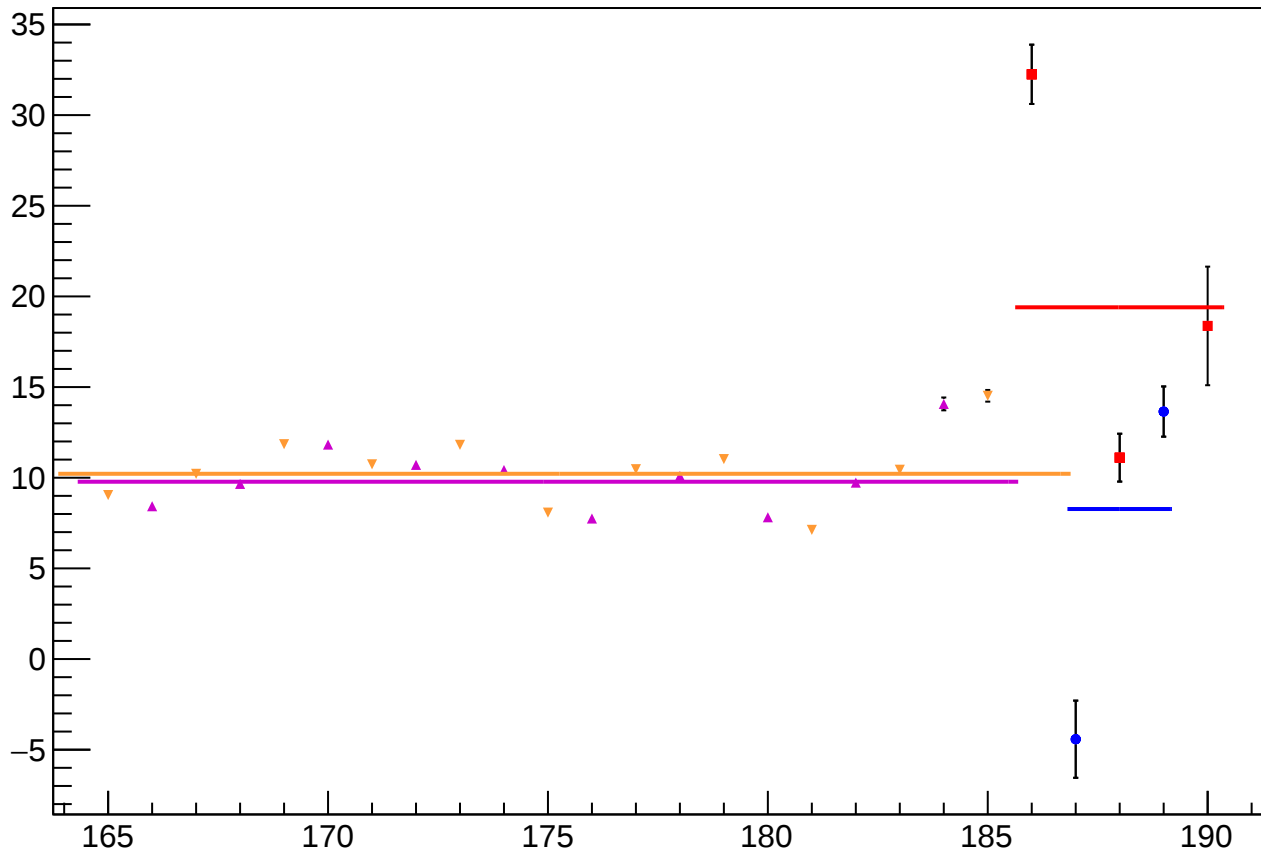
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -32.364 ± 0.363 $\chi^2/\text{NDF}: 52.1/3$
 Left Out: -12.606 ± 0.063 $\chi^2/\text{NDF}: 6692.9/10$
 Right Out: -50.541 ± 0.261 $\chi^2/\text{NDF}: 7564.3/4$
 Left In: -12.278 ± 0.065 $\chi^2/\text{NDF}: 3424.4/9$

+ sign -13.183 ± 0.062 $\chi^2/\text{NDF}: 9625.2/14$
 All: -13.827 ± 0.044 $\chi^2/\text{NDF}: 41029.5/29$
 - sign -14.488 ± 0.063 $\chi^2/\text{NDF}: 31185.5/14$

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 8.275 $\pm$ 0.821 χ^2/NDF : 101.3/3

Left Out: 10.217 $\pm$ 0.059 χ^2/NDF : 836.7/10

Right Out: 19.400 $\pm$ 0.709 χ^2/NDF : 202.5/4

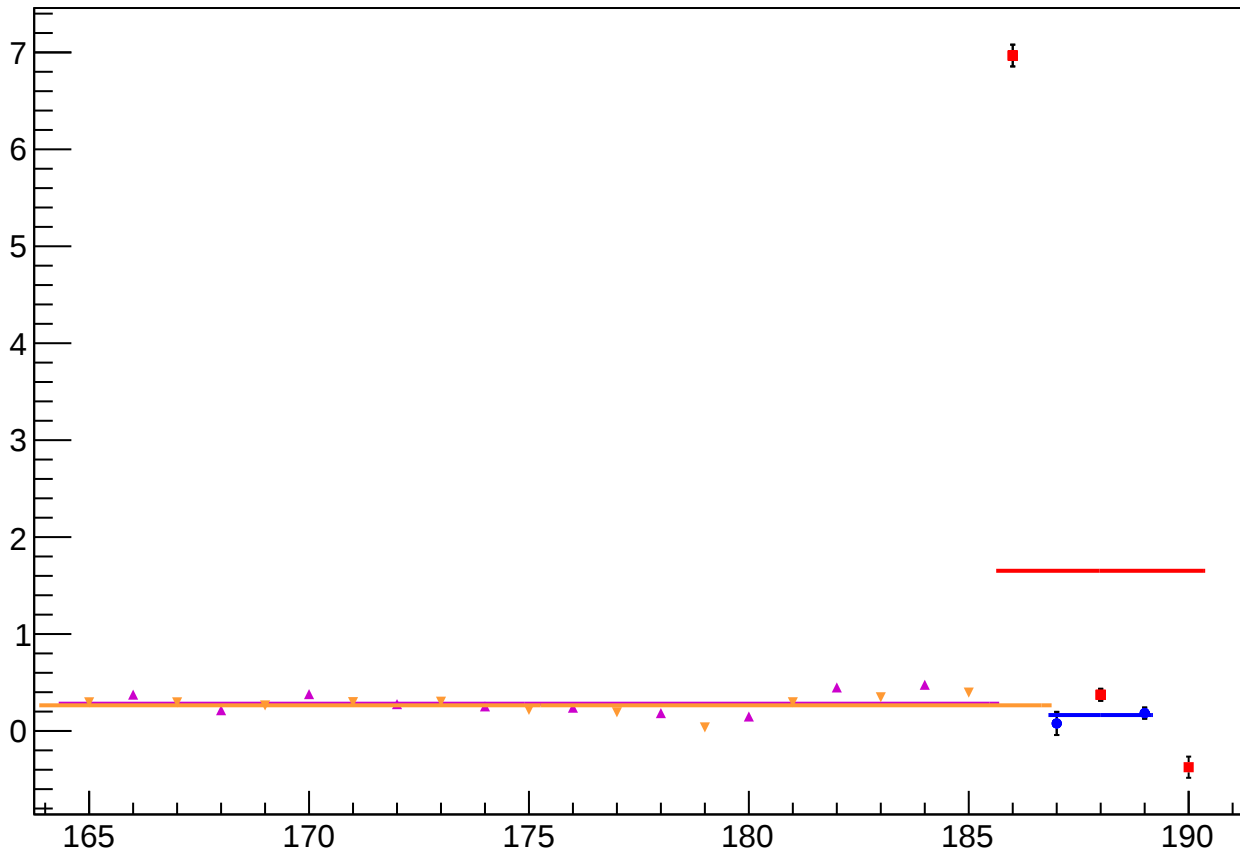
Left In: 9.779 $\pm$ 0.061 χ^2/NDF : 620.9/9

+ sign 10.207 $\pm$ 0.059 χ^2/NDF : 943.6/14

All: 10.035 $\pm$ 0.042 χ^2/NDF : 1967.6/29

- sign 9.850 $\pm$ 0.061 χ^2/NDF : 1006.1/14

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.164 $\pm$ 0.037 χ^2 /NDF: 1.3/3

Left Out: 0.265 $\pm$ 0.003 χ^2 /NDF: 906.8/10

Right Out: 1.652 $\pm$ 0.036 χ^2 /NDF: 5696.2/4

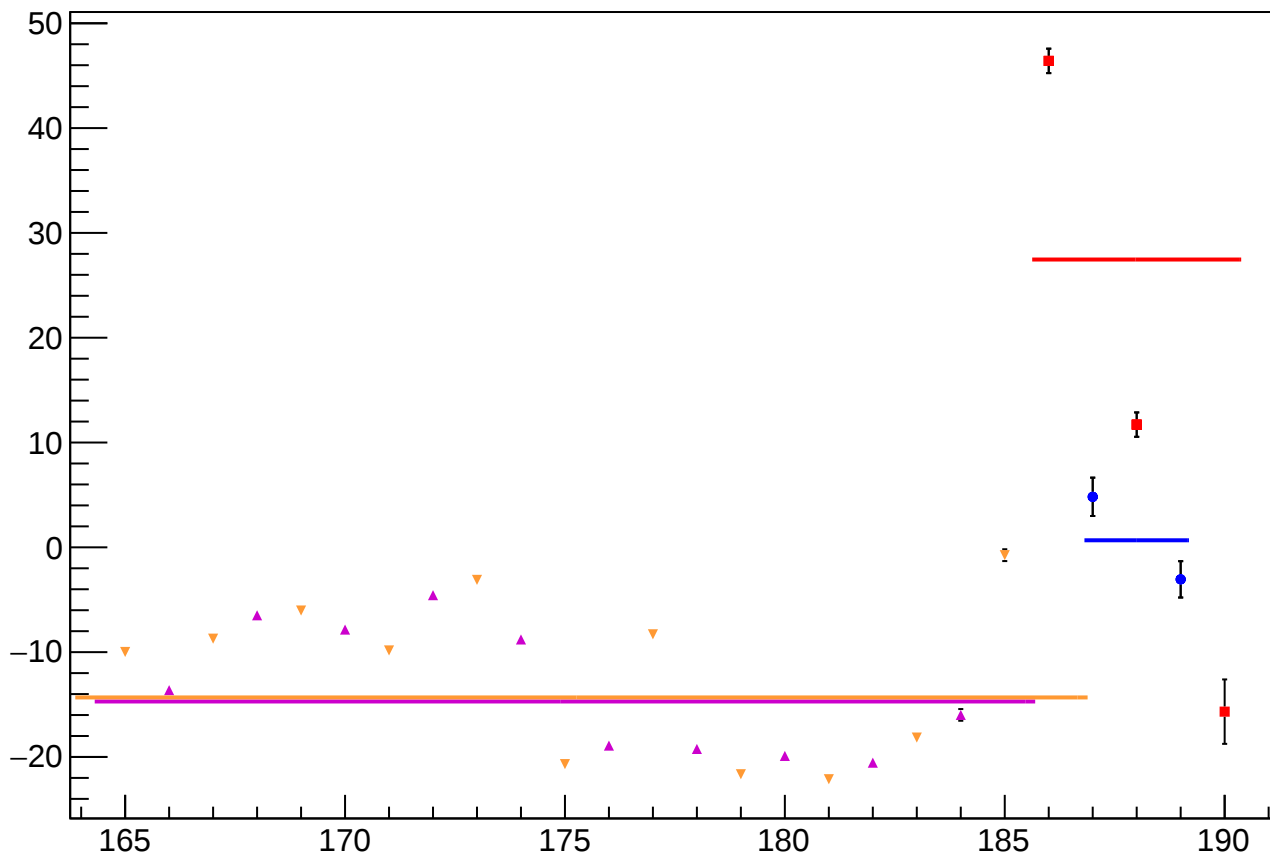
Left In: 0.281 $\pm$ 0.003 χ^2 /NDF: 1219.7/9

+ sign 0.264 $\pm$ 0.003 χ^2 /NDF: 915.6/14

All: 0.276 $\pm$ 0.002 χ^2 /NDF: 9315.2/29

- sign 0.289 $\pm$ 0.003 χ^2 /NDF: 8355.7/14

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.673 ± 0.890 χ^2/NDF : 19.5/3

Left Out: -14.321 ± 0.110 χ^2/NDF : 4343.2/10

Right Out: 27.460 ± 0.572 χ^2/NDF : 1091.7/4

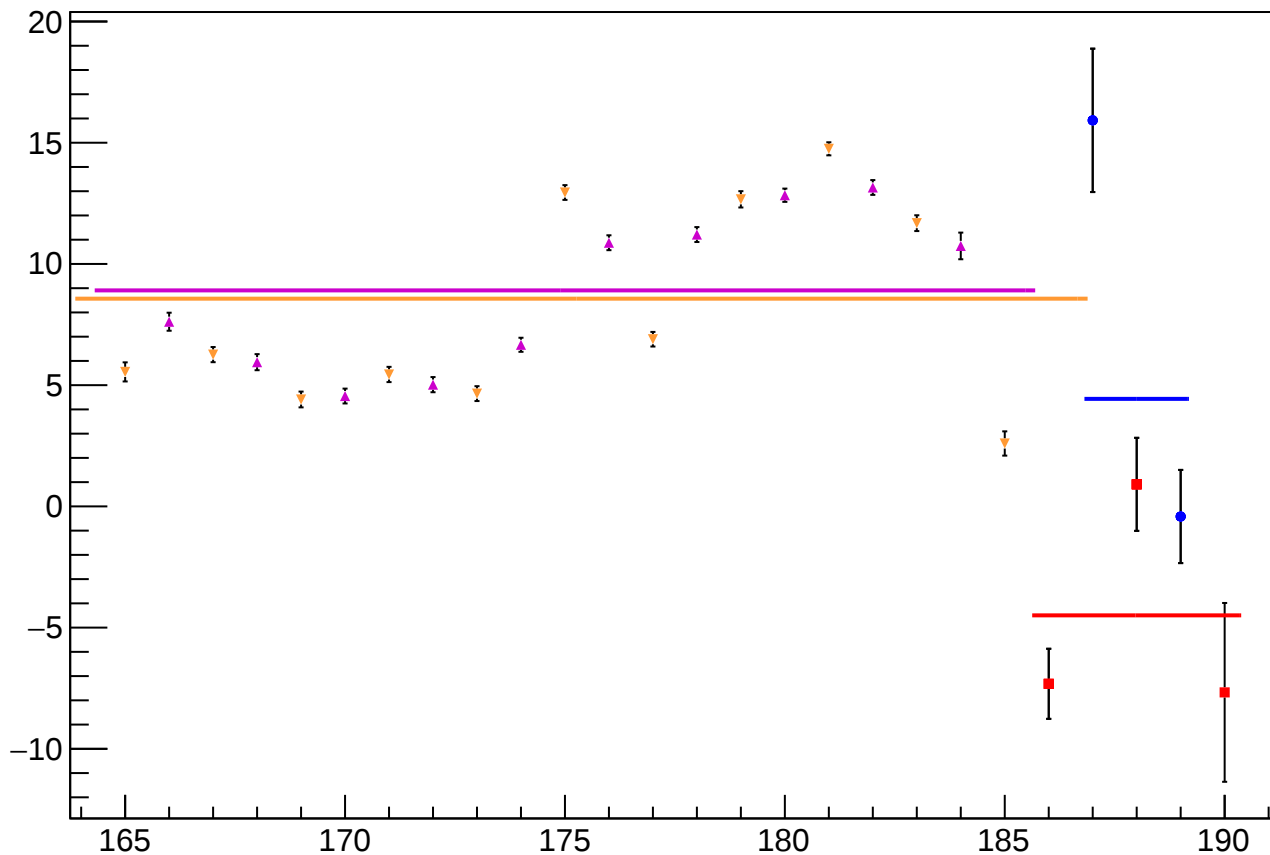
Left In: -14.707 ± 0.113 χ^2/NDF : 2737.8/9

+ sign -14.096 ± 0.109 χ^2/NDF : 4642.4/14

All: -13.619 ± 0.078 χ^2/NDF : 13737.7/29

- sign -13.128 ± 0.111 χ^2/NDF : 9056.4/14

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 4.435 $\pm$ 1.139 χ^2/NDF : 42.9/3

Left Out: 8.568 $\pm$ 0.098 χ^2/NDF :1683.6/10

Right Out: -4.495 $\pm$ 0.797 χ^2/NDF : 24.2/4

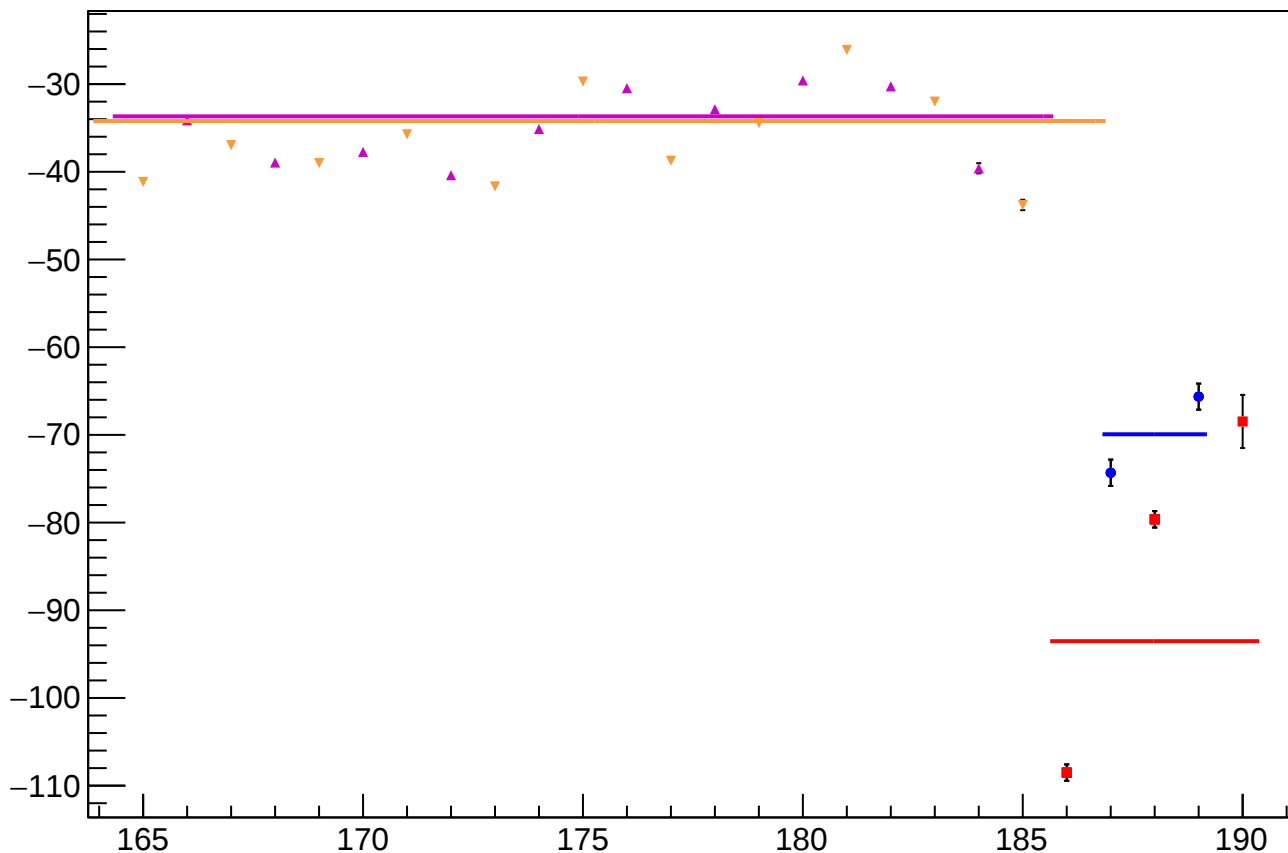
Left In: 8.909 $\pm$ 0.101 χ^2/NDF :1016.1/9

+ sign 8.538 $\pm$ 0.097 χ^2/NDF : 1739.6/14

All: 8.615 $\pm$ 0.070 χ^2/NDF : 3059.5/29

- sign 8.697 $\pm$ 0.100 χ^2/NDF : 1318.6/14

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -69.931 $\pm$ 0.747 χ^2 /NDF: 33.7/3

Left Out: -34.210 $\pm$ 0.112 χ^2 /NDF:2386.9/10

Right Out: -93.525 $\pm$ 0.463 χ^2 /NDF: 1019.2/4

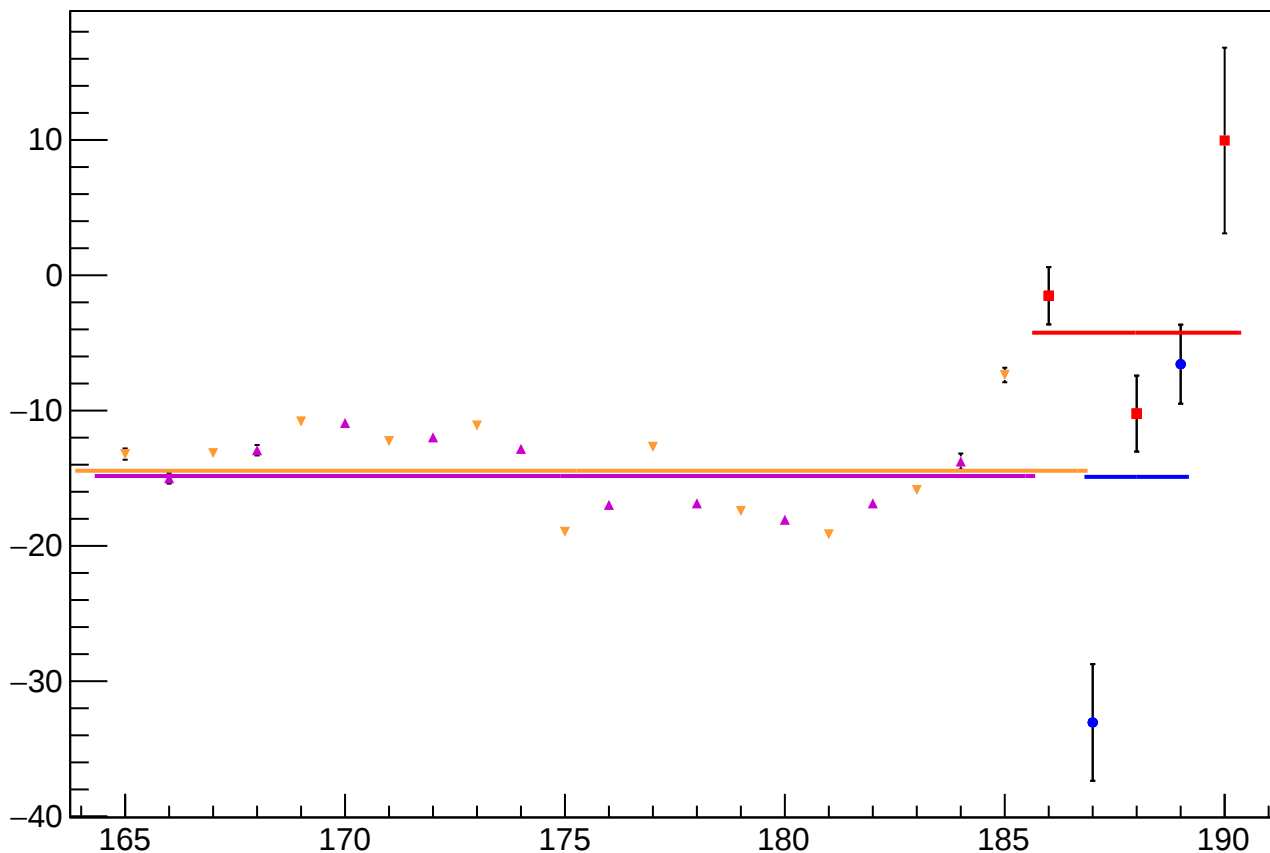
Left In: -33.678 $\pm$ 0.115 χ^2 /NDF:1090.6/9

+ sign -34.992 $\pm$ 0.111 χ^2 /NDF: 4654.9/14

All: -36.060 $\pm$ 0.079 χ^2 /NDF: 22680.7/29

- sign -37.146 $\pm$ 0.111 χ^2 /NDF: 17837.6/14

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -14.898 $\pm$ 1.710 χ^2 /NDF: 51.7/3

Left Out: -14.446 $\pm$ 0.106 χ^2 /NDF: 1011.4/10

Right Out: -4.244 $\pm$ 1.178 χ^2 /NDF: 16.7/4

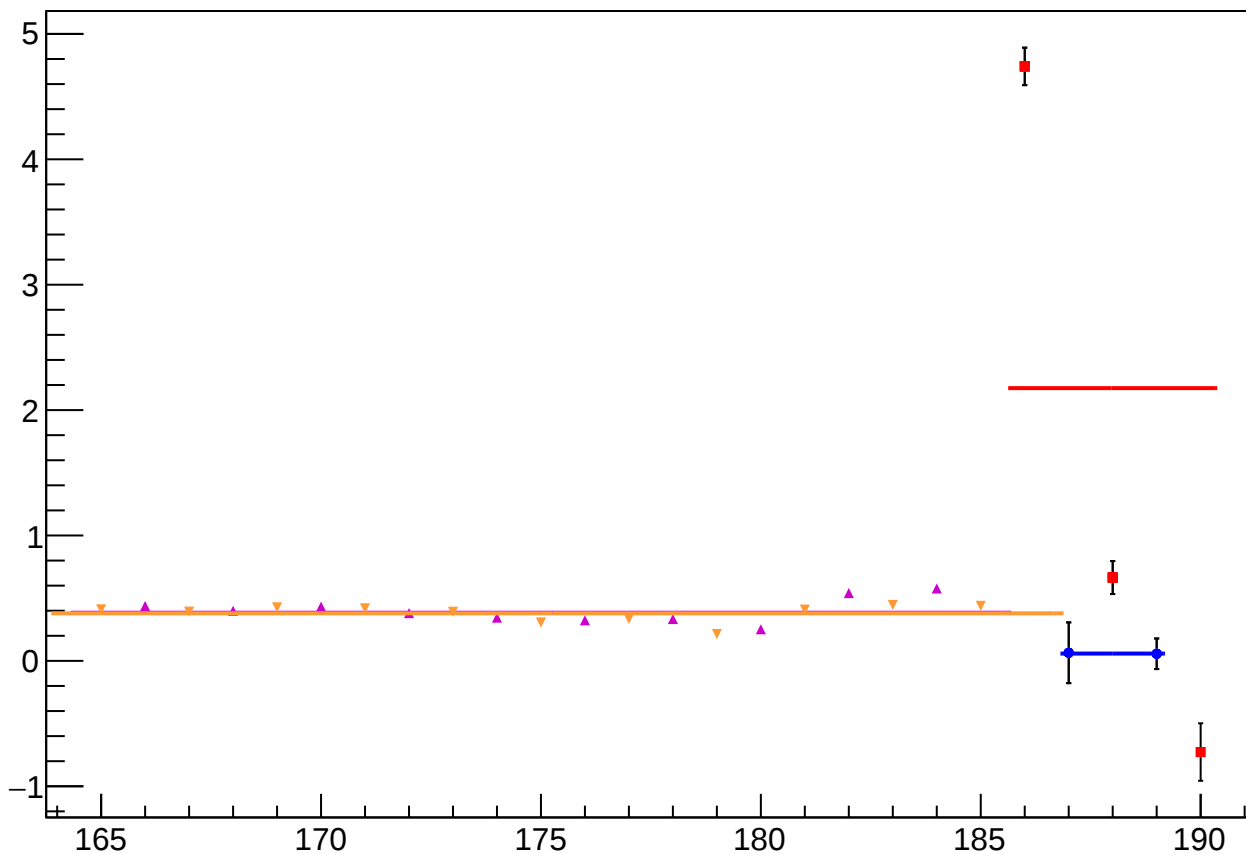
Left In: -14.836 $\pm$ 0.109 χ^2 /NDF: 520.0/9

+ sign -14.448 $\pm$ 0.106 χ^2 /NDF: 1063.2/14

All: -14.592 $\pm$ 0.076 χ^2 /NDF: 1684.0/29

- sign -14.746 $\pm$ 0.109 χ^2 /NDF: 616.9/14

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.058 $\pm$ 0.077 χ^2 /NDF: 0.0/3

Left Out: 0.379 $\pm$ 0.005 χ^2 /NDF:181.5/10

Right Out: 2.175 $\pm$ 0.067 χ^2 /NDF: 1014.4/4

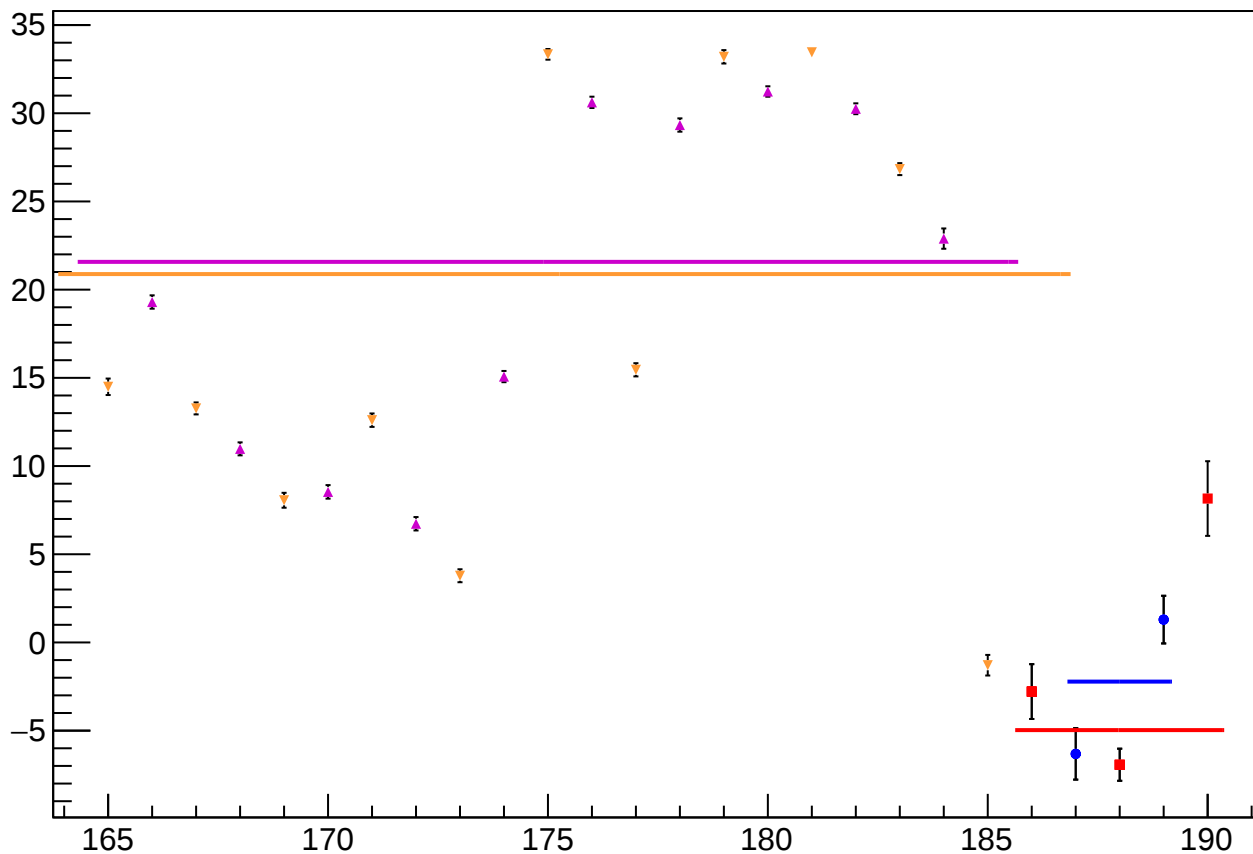
Left In: 0.384 $\pm$ 0.005 χ^2 /NDF:317.4/9

+ sign 0.378 $\pm$ 0.005 χ^2 /NDF: 198.8/14

All: 0.386 $\pm$ 0.003 χ^2 /NDF: 2251.7/29

- sign 0.394 $\pm$ 0.005 χ^2 /NDF: 2047.7/14

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -2.220 ± 0.701 χ^2/NDF : 29.3/3

Left Out: 20.883 ± 0.109 χ^2/NDF : 11235.5/10

Right Out: -4.970 ± 0.537 χ^2/NDF : 51.7/4

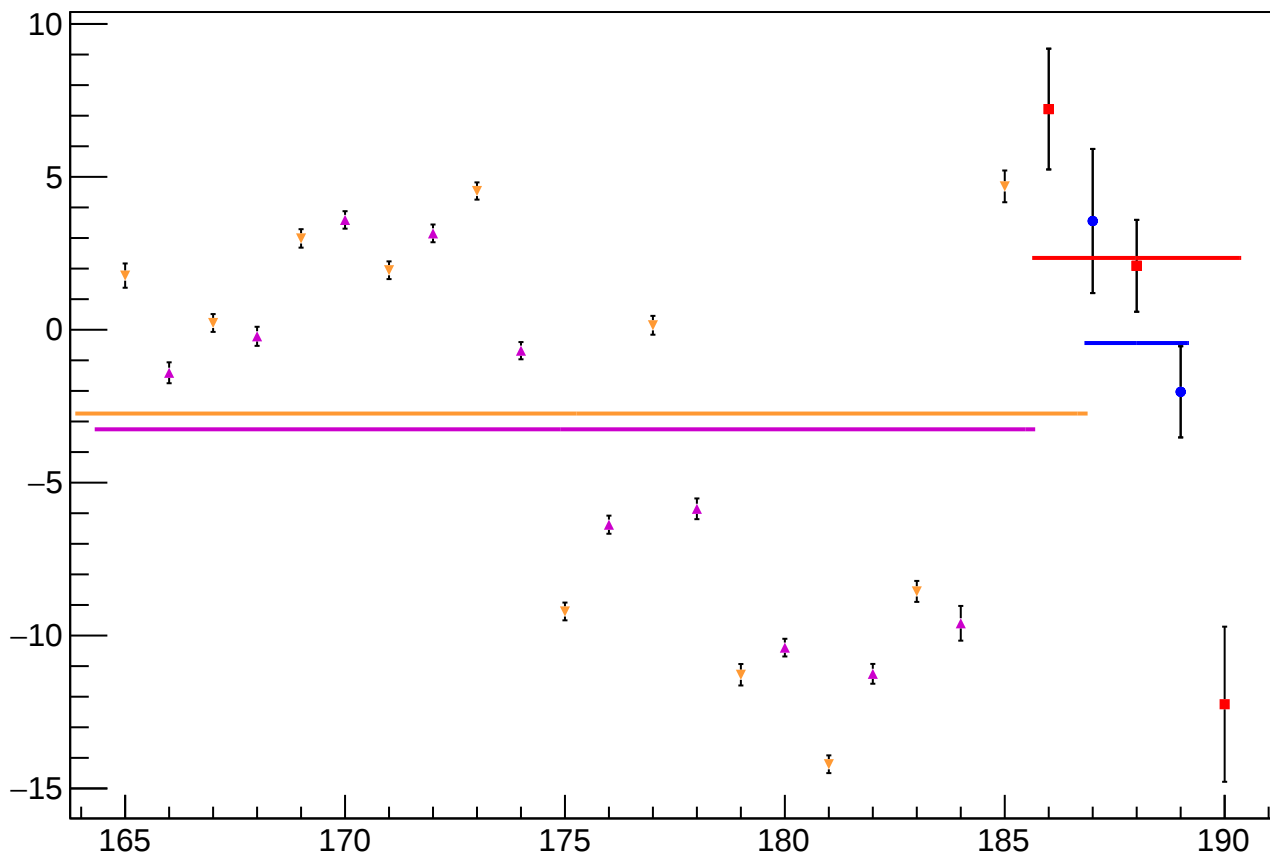
Left In: 21.575 ± 0.112 χ^2/NDF : 7045.5/9

+ sign 20.337 ± 0.108 χ^2/NDF : 12325.9/14

All: 20.402 ± 0.077 χ^2/NDF : 21764.4/29

- sign 20.469 ± 0.110 χ^2/NDF : 9437.8/14

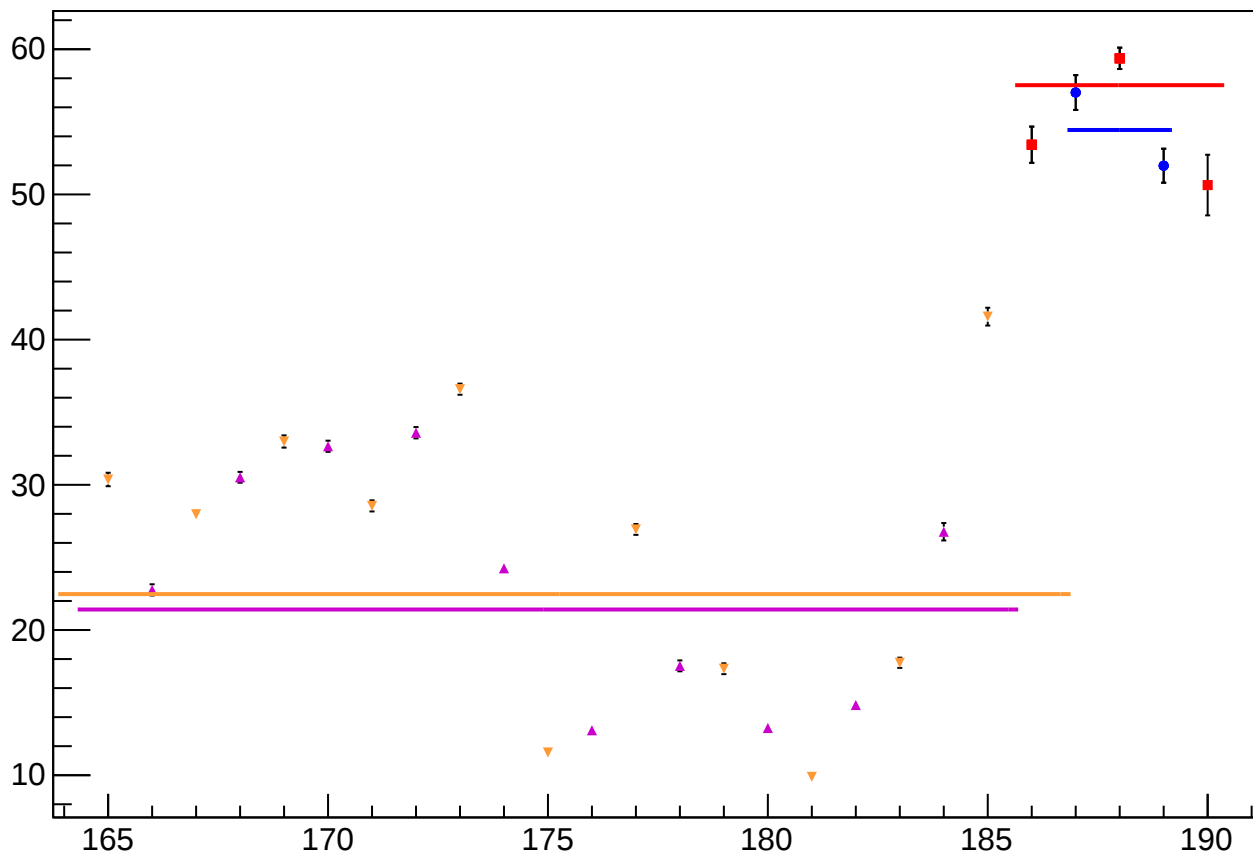
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.434 ± 0.891 χ^2/NDF : 8.0/3
 Left Out: -2.740 ± 0.096 χ^2/NDF : 4753.6/10
 Right Out: 2.349 ± 0.802 χ^2/NDF : 45.3/4
 Left In: -3.256 ± 0.100 χ^2/NDF : 2784.9/9

+ sign -2.713 ± 0.096 χ^2/NDF : 4768.2/14
 All: -2.934 ± 0.069 χ^2/NDF : 7657.5/29
 - sign -3.170 ± 0.099 χ^2/NDF : 2878.3/14

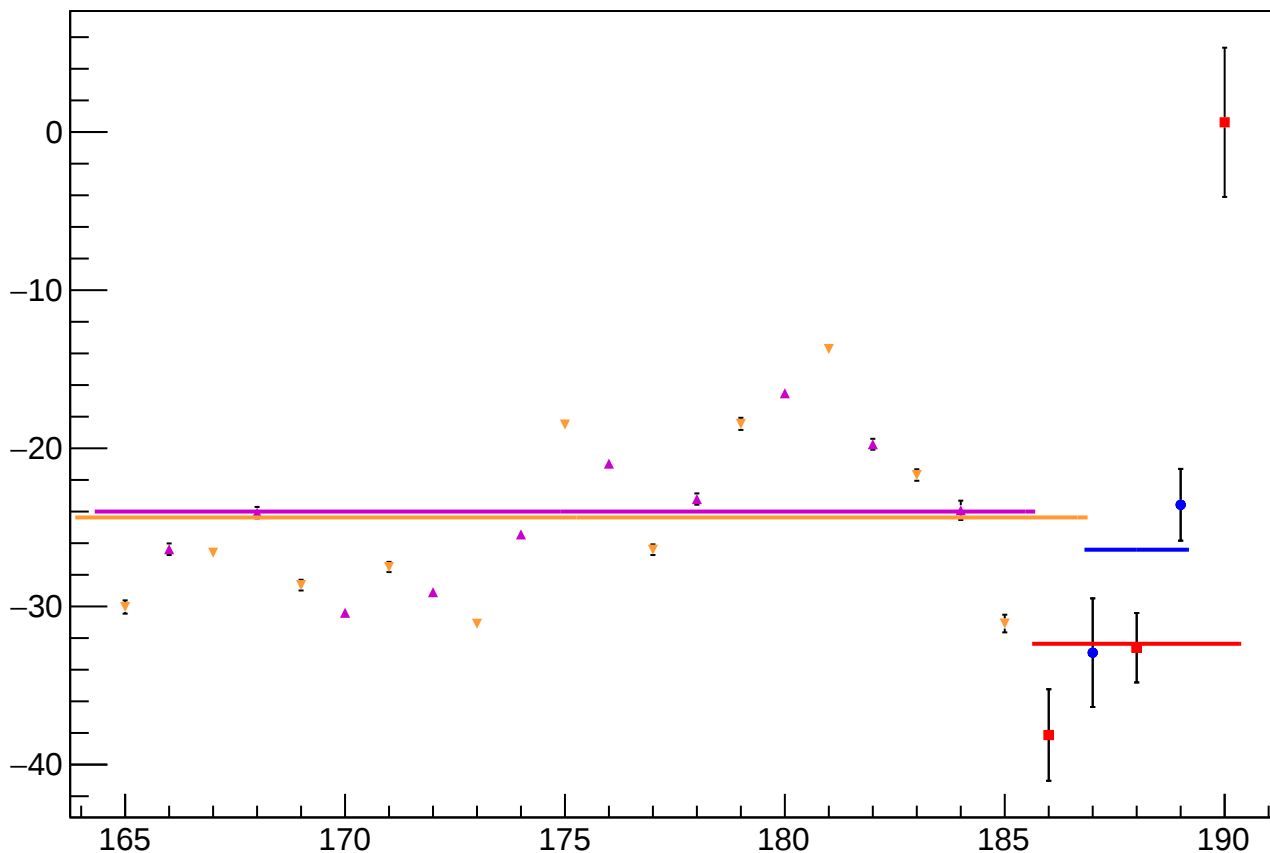
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 54.439 $\pm$ 0.592 χ^2/NDF : 18.1/3
 Left Out: 22.473 $\pm$ 0.111 χ^2/NDF : 7663.0/10
 Right Out: 57.524 $\pm$ 0.438 χ^2/NDF : 45.1/4
 Left In: 21.413 $\pm$ 0.114 χ^2/NDF : 4574.6/9

+ sign 23.555 $\pm$ 0.109 χ^2/NDF : 10493.9/14
 All: 23.630 $\pm$ 0.078 χ^2/NDF : 21483.0/29
 - sign 23.708 $\pm$ 0.110 χ^2/NDF : 10988.1/14

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -26.412 ± 1.339 χ^2/NDF : 10.3/3

Left Out: -24.372 ± 0.104 χ^2/NDF : 2997.2/10

Right Out: -32.361 ± 1.196 χ^2/NDF : 56.8/4

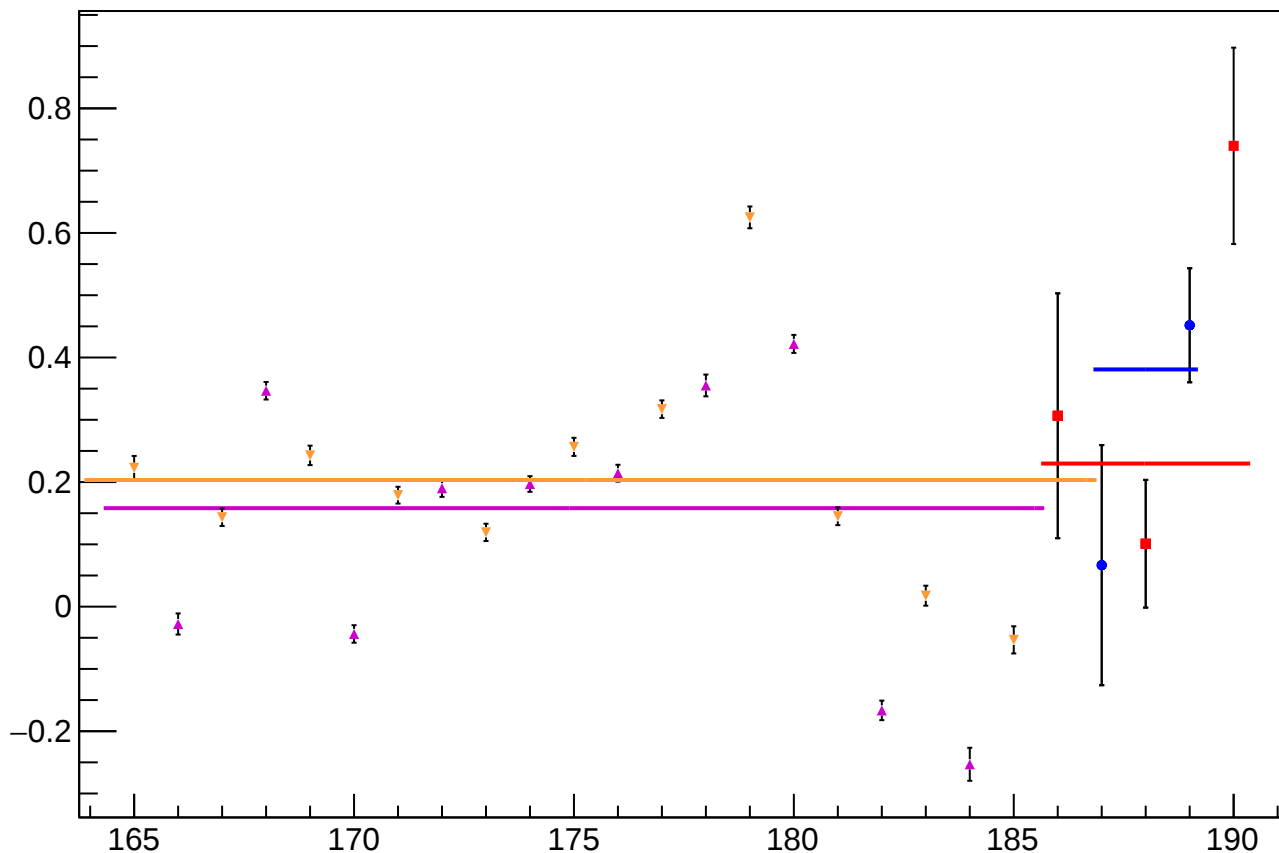
Left In: -23.999 ± 0.108 χ^2/NDF : 1585.5/9

+ sign -24.385 ± 0.104 χ^2/NDF : 3009.8/14

All: -24.231 ± 0.075 χ^2/NDF : 4705.1/29

- sign -24.067 ± 0.107 χ^2/NDF : 1690.8/14

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.381 $\pm$ 0.058 χ^2 /NDF: 6.5/3

Left Out: 0.203 $\pm$ 0.005 χ^2 /NDF:1014.5/10

Right Out: 0.230 $\pm$ 0.060 χ^2 /NDF: 13.9/4

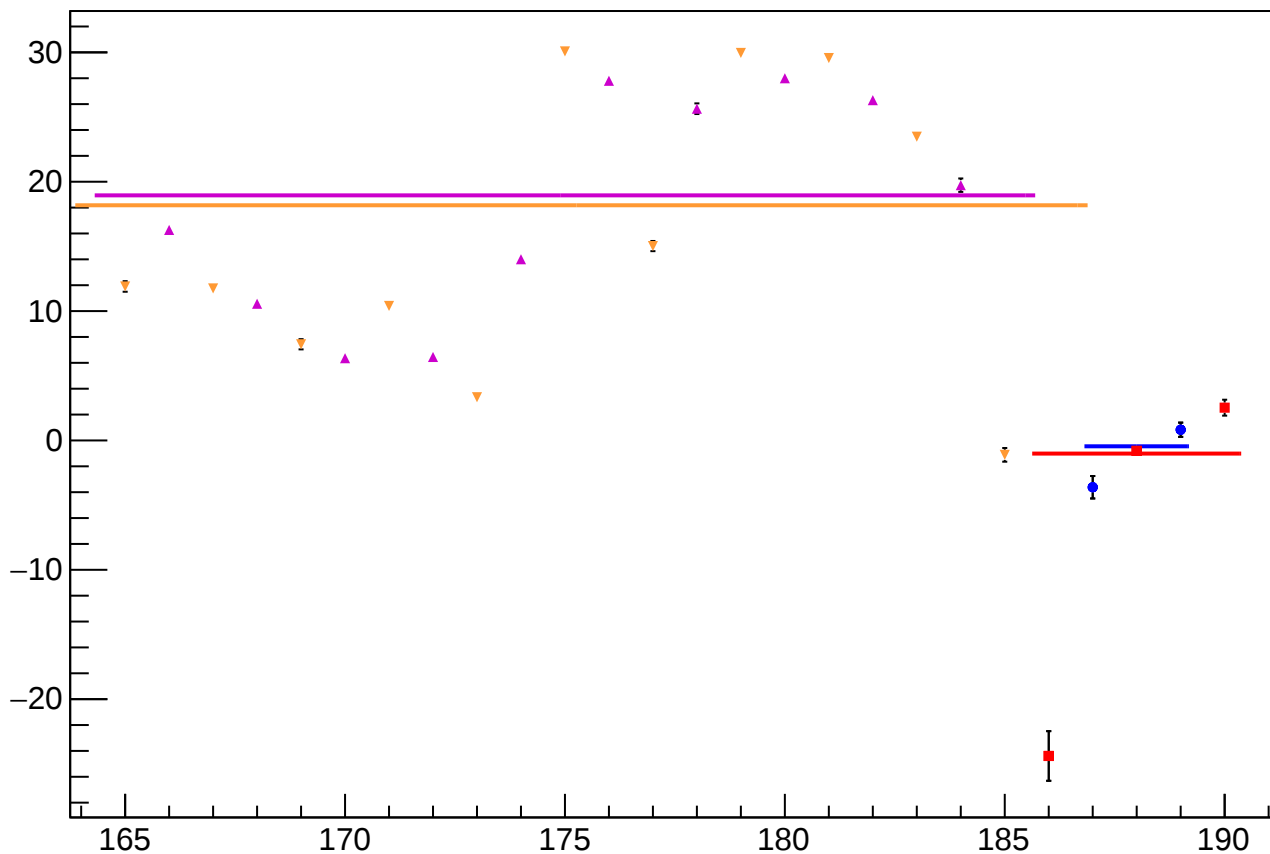
Left In: 0.158 $\pm$ 0.005 χ^2 /NDF:1665.9/9

+ sign 0.204 $\pm$ 0.005 χ^2 /NDF: 1030.2/14

All: 0.182 $\pm$ 0.003 χ^2 /NDF: 2759.3/29

- sign 0.159 $\pm$ 0.005 χ^2 /NDF: 1681.3/14

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: -0.453 ± 0.329 $\chi^2/\text{NDF}: 37.4/3$

Left Out: 18.180 ± 0.104 $\chi^2/\text{NDF}: 10008.8/10$

Right Out: -1.015 ± 0.228 $\chi^2/\text{NDF}: 330.6/4$

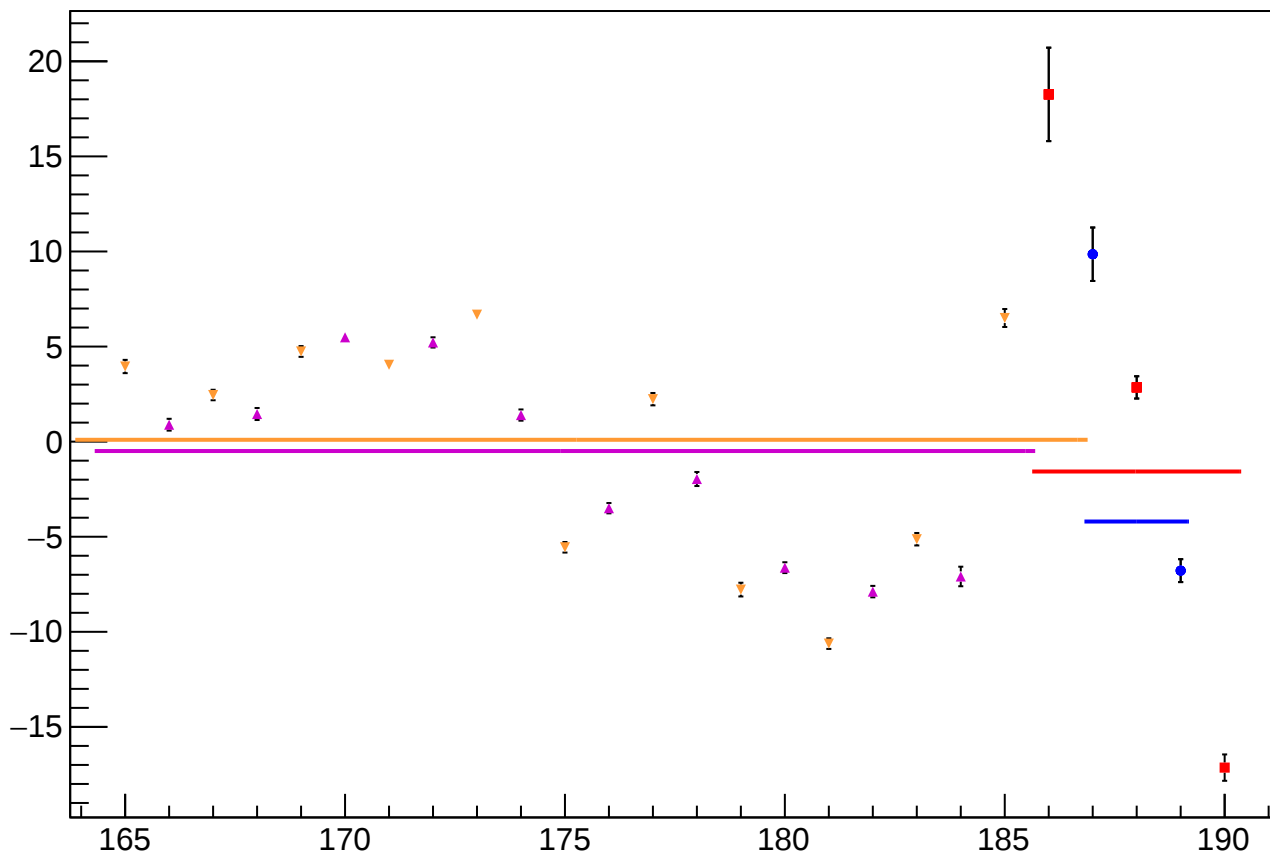
Left In: 18.947 ± 0.107 $\chi^2/\text{NDF}: 6340.2/9$

+ sign 16.487 ± 0.099 $\chi^2/\text{NDF}: 12962.1/14$

All: 15.906 ± 0.069 $\chi^2/\text{NDF}: 25978.4/29$

- sign 15.352 ± 0.097 $\chi^2/\text{NDF}: 12949.2/14$

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -4.200 ± 0.392 χ^2/NDF : 236.8/3

Left Out: 0.098 ± 0.092 χ^2/NDF : 4143.1/10

Right Out: -1.570 ± 0.348 χ^2/NDF : 748.6/4

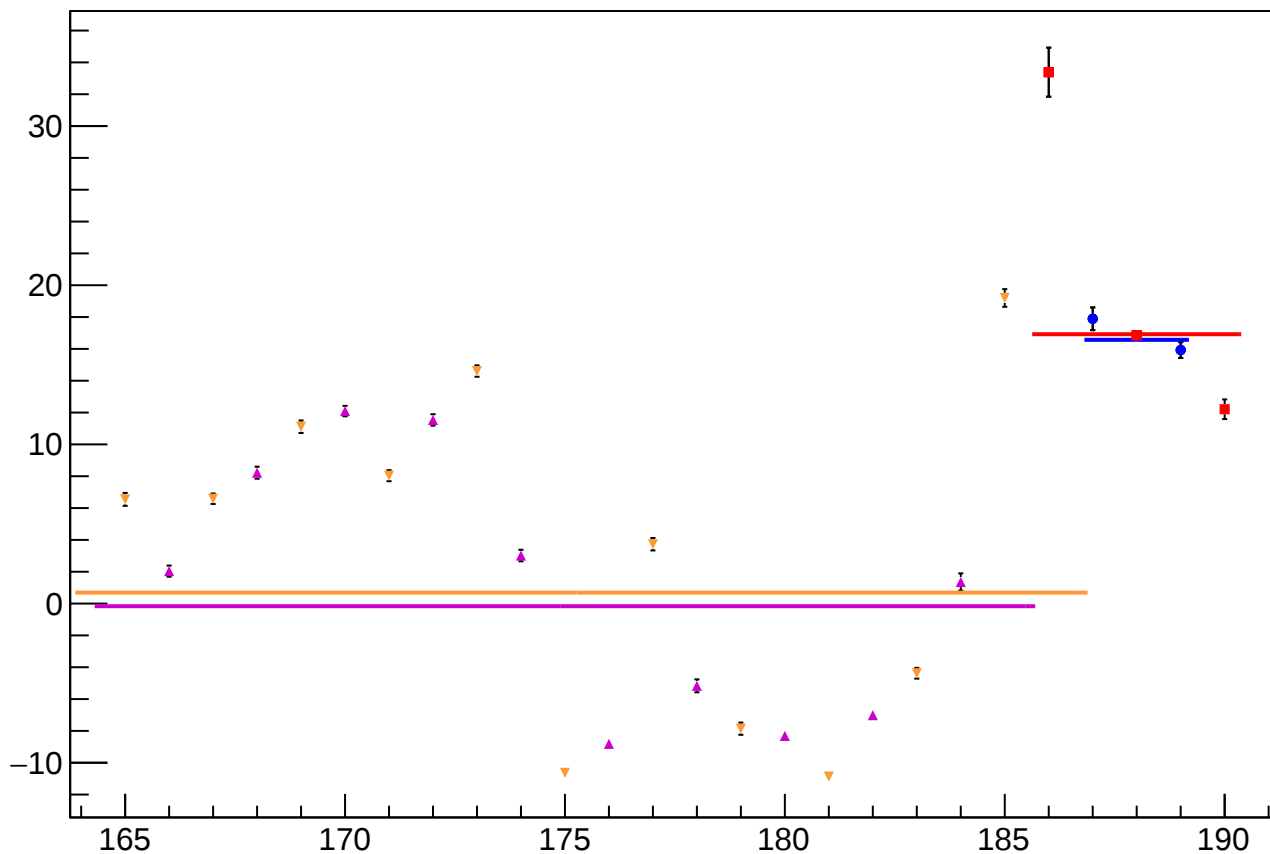
Left In: -0.493 ± 0.095 χ^2/NDF : 2513.1/9

+ sign -0.126 ± 0.089 χ^2/NDF : 4494.2/14

All: -0.341 ± 0.064 χ^2/NDF : 7776.7/29

- sign -0.568 ± 0.092 χ^2/NDF : 3270.6/14

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 16.570 ± 0.288 $\chi^2/\text{NDF}: 10.2/3$

Left Out: 0.689 ± 0.106 $\chi^2/\text{NDF}: 8524.4/10$

Right Out: 16.922 ± 0.189 $\chi^2/\text{NDF}: 287.0/4$

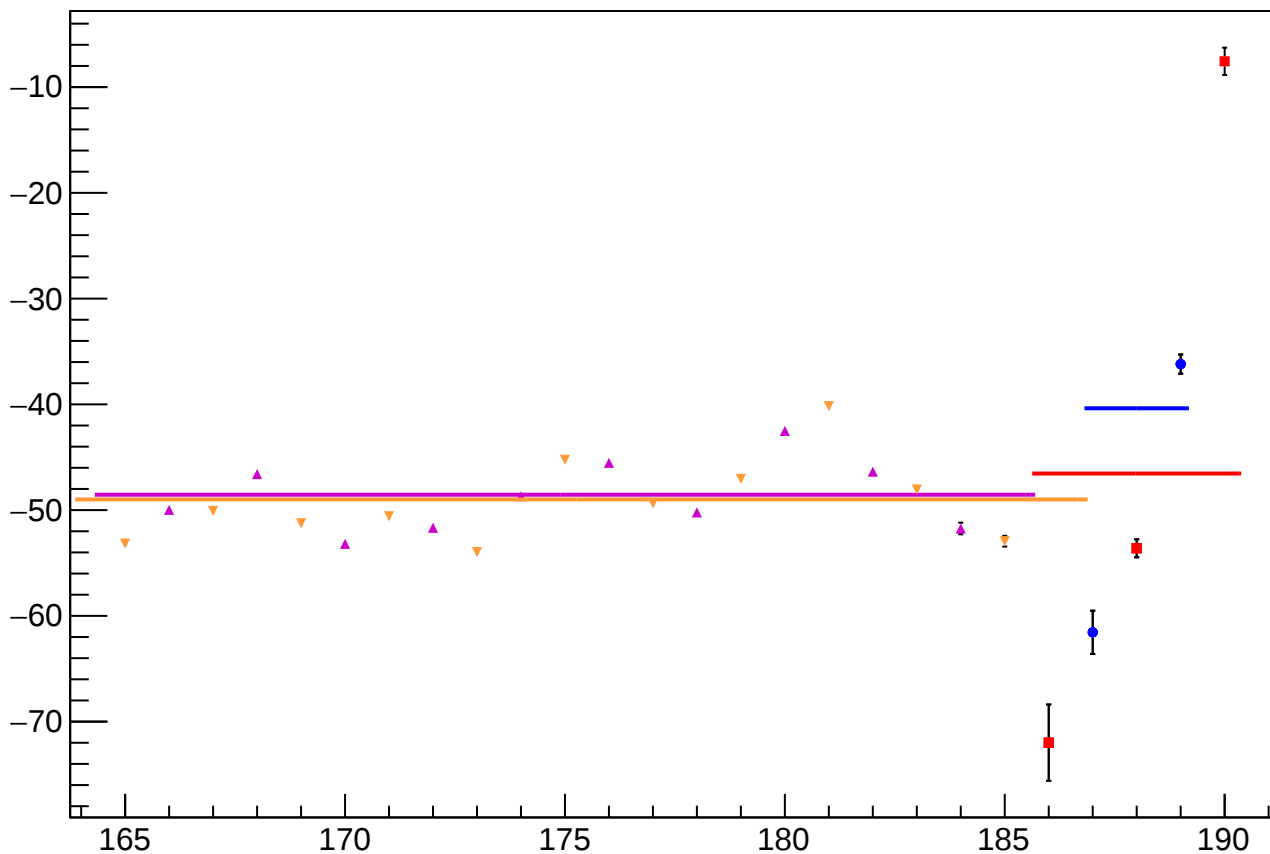
Left In: -0.167 ± 0.109 $\chi^2/\text{NDF}: 5441.3/9$

+ sign 2.572 ± 0.099 $\chi^2/\text{NDF}: 11208.9/14$

All: 3.368 ± 0.068 $\chi^2/\text{NDF}: 23205.1/29$

- sign 4.086 ± 0.094 $\chi^2/\text{NDF}: 11873.8/14$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -40.372 ± 0.587 χ^2/NDF : 256.6/3

Left Out: -48.992 ± 0.099 χ^2/NDF : 1653.7/10

Right Out: -46.539 ± 0.533 χ^2/NDF : 1152.3/4

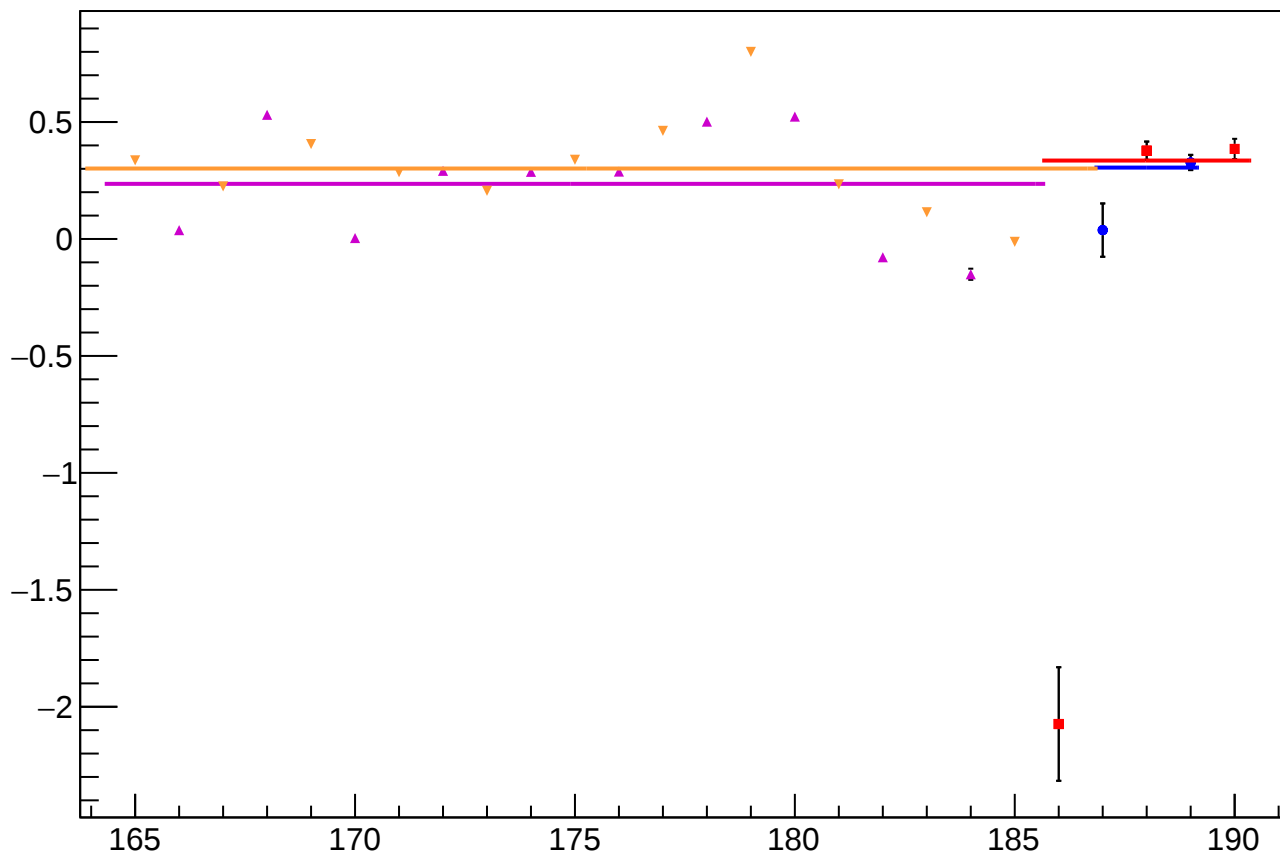
Left In: -48.545 ± 0.103 χ^2/NDF : 1063.2/9

+ sign -48.754 ± 0.098 χ^2/NDF : 2119.6/14

All: -48.617 ± 0.070 χ^2/NDF : 4352.7/29

- sign -48.473 ± 0.101 χ^2/NDF : 2229.1/14

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.305 ± 0.022 χ^2/NDF : 11.9/3

Left Out: 0.301 ± 0.004 χ^2/NDF : 1459.7/10

Right Out: 0.335 ± 0.023 χ^2/NDF : 200.6/4

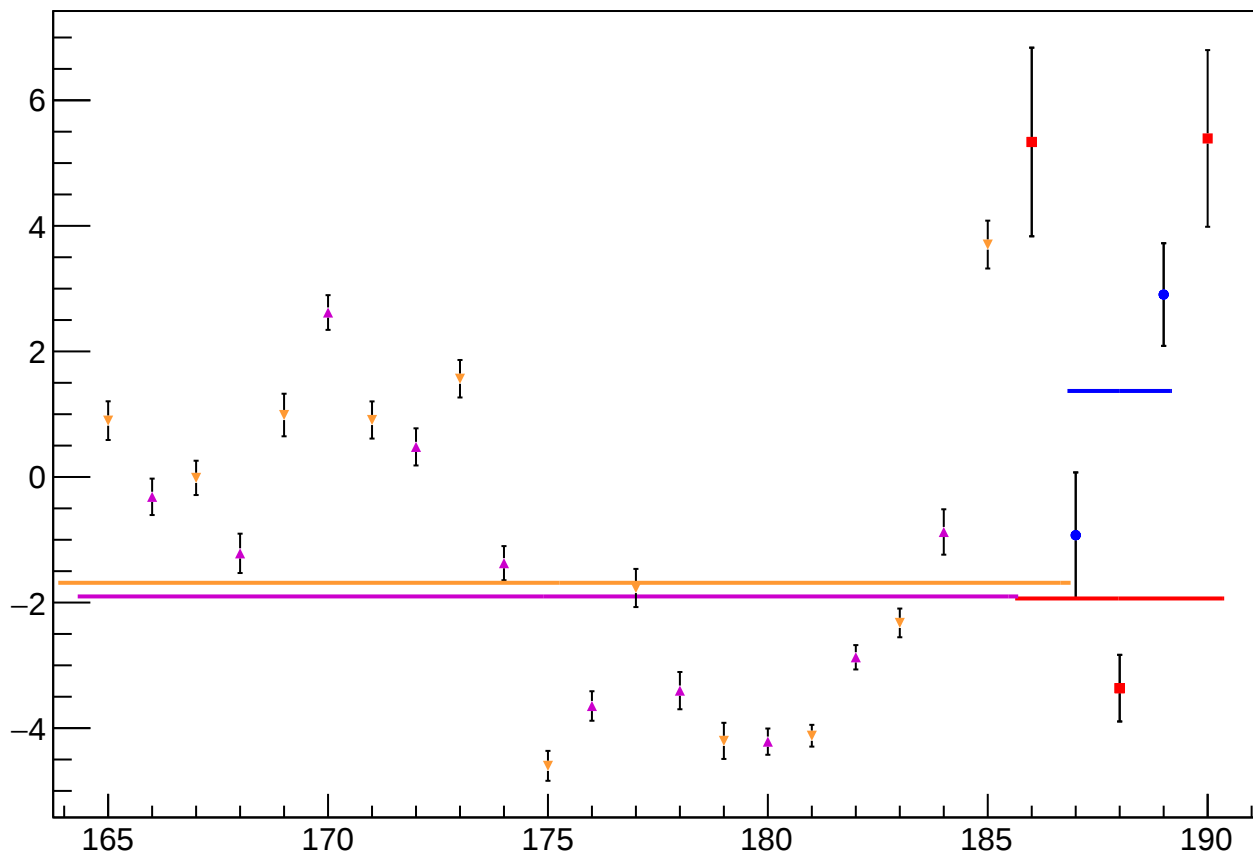
Left In: 0.236 ± 0.005 χ^2/NDF : 2352.5/9

+ sign 0.301 ± 0.004 χ^2/NDF : 1471.7/14

All: 0.271 ± 0.003 χ^2/NDF : 4142.9/29

- sign 0.239 ± 0.004 χ^2/NDF : 2571.1/14

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.370 ± 0.448 χ^2/NDF : 17.6/3

Left Out: -1.685 ± 0.080 χ^2/NDF : 996.3/10

Right Out: -1.935 ± 0.343 χ^2/NDF : 88.5/4

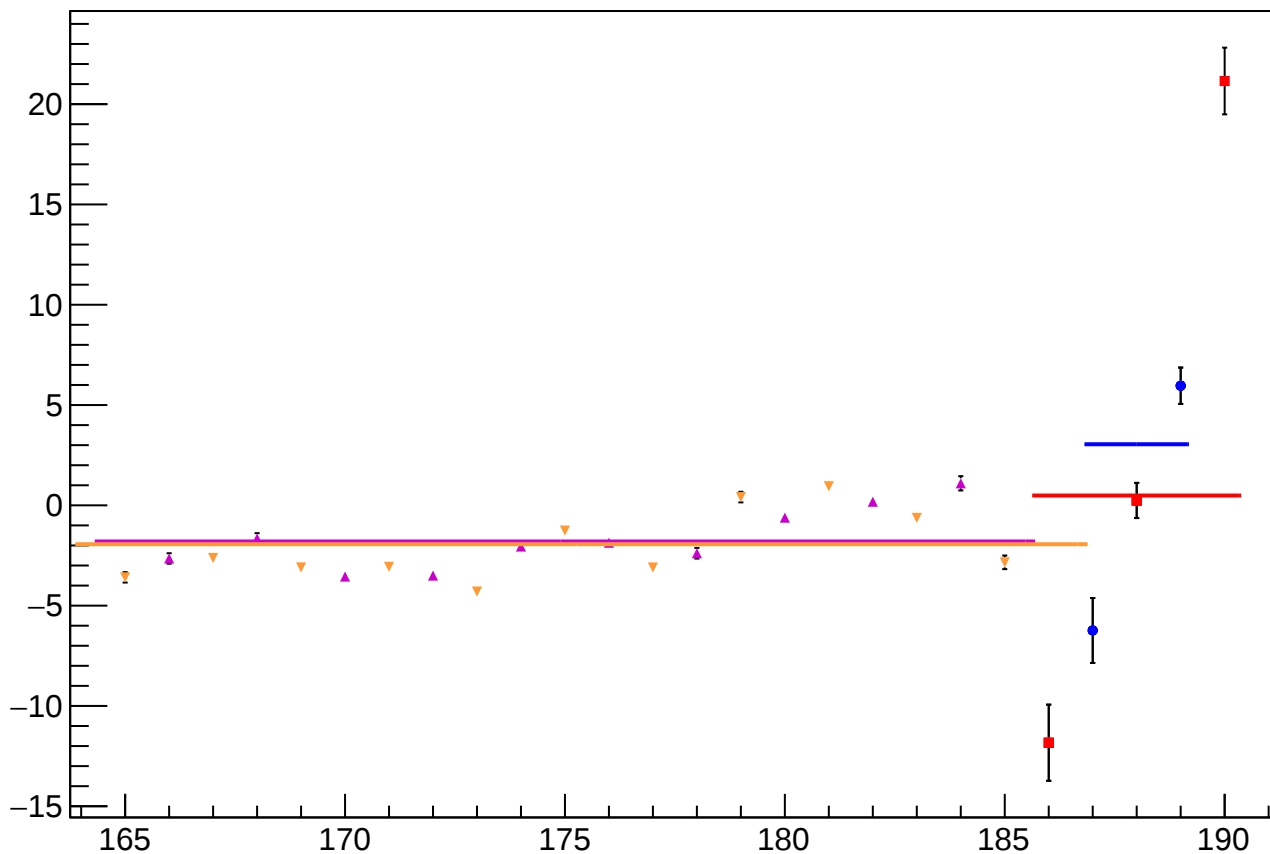
Left In: -1.903 ± 0.083 χ^2/NDF : 606.7/9

+ sign -1.590 ± 0.079 χ^2/NDF : 1059.1/14

All: -1.745 ± 0.056 χ^2/NDF : 1762.0/29

- sign -1.904 ± 0.080 χ^2/NDF : 695.2/14

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 3.045 $\pm$ 0.559 χ^2 /NDF: 86.6/3

Left Out: -1.938 $\pm$ 0.072 χ^2 /NDF: 581.4/10

Right Out: 0.489 $\pm$ 0.533 χ^2 /NDF: 239.1/4

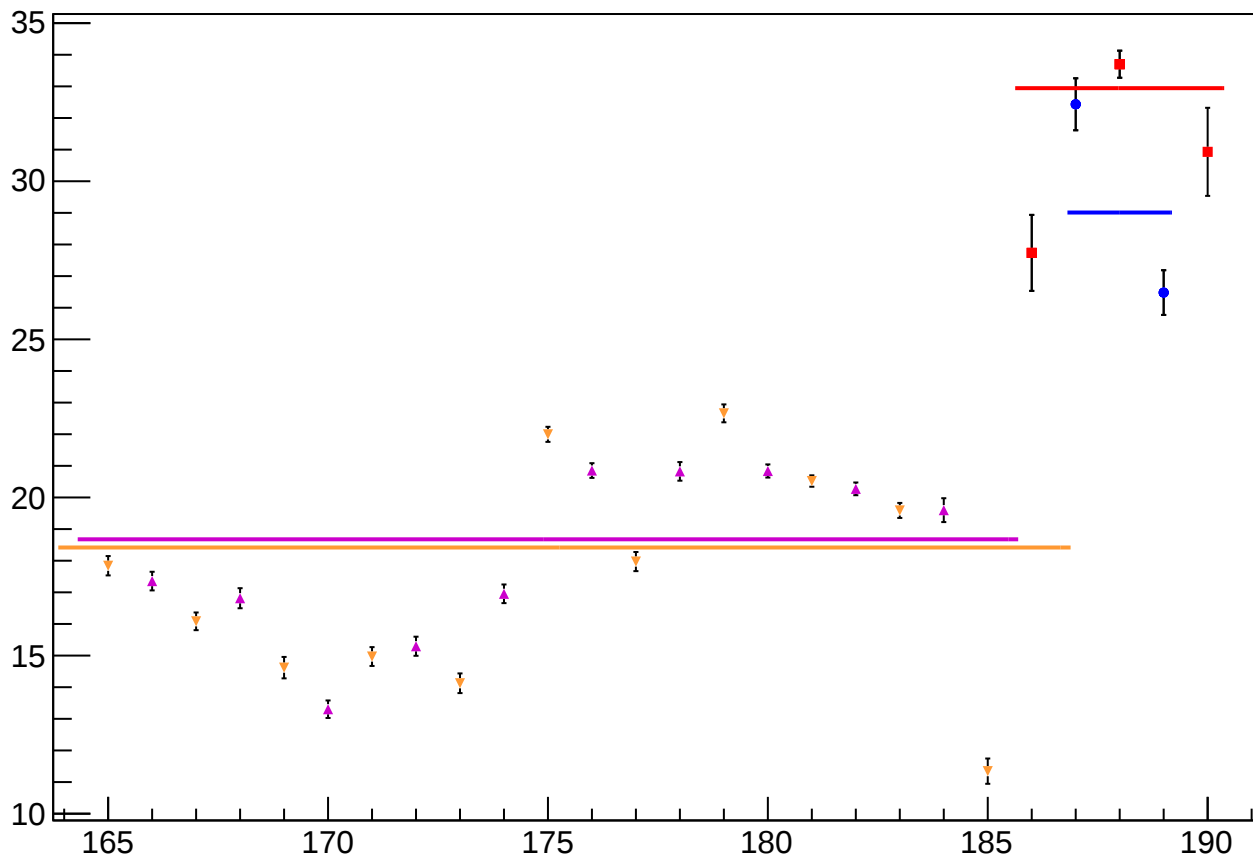
Left In: -1.801 $\pm$ 0.074 χ^2 /NDF: 340.1/9

+ sign -1.857 $\pm$ 0.071 χ^2 /NDF: 746.0/14

All: -1.809 $\pm$ 0.051 χ^2 /NDF: 1344.3/29

- sign -1.757 $\pm$ 0.074 χ^2 /NDF: 597.3/14

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 29.011 $\pm$ 0.379 χ^2 /NDF: 60.3/3

Left Out: 18.418 $\pm$ 0.082 χ^2 /NDF: 1448.8/10

Right Out: 32.943 $\pm$ 0.280 χ^2 /NDF: 45.9/4

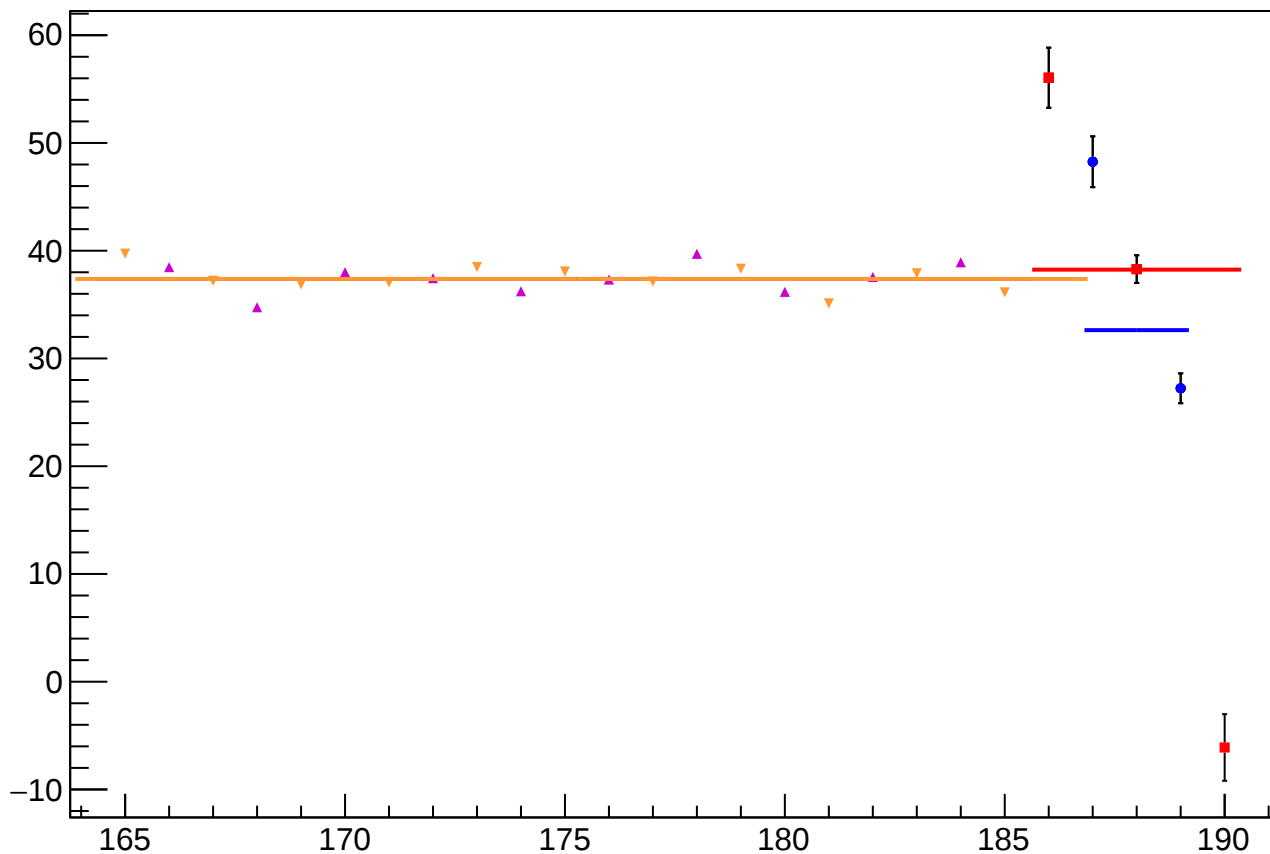
Left In: 18.677 $\pm$ 0.084 χ^2 /NDF: 907.4/9

+ sign 18.889 $\pm$ 0.080 χ^2 /NDF: 2255.4/14

All: 19.371 $\pm$ 0.057 χ^2 /NDF: 5671.1/29

- sign 19.859 $\pm$ 0.080 χ^2 /NDF: 3342.6/14

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 32.628 $\pm$ 0.845 χ^2/NDF : 118.2/3

Left Out: 37.379 $\pm$ 0.078 χ^2/NDF : 258.2/10

Right Out: 38.242 $\pm$ 0.796 χ^2/NDF : 287.4/4

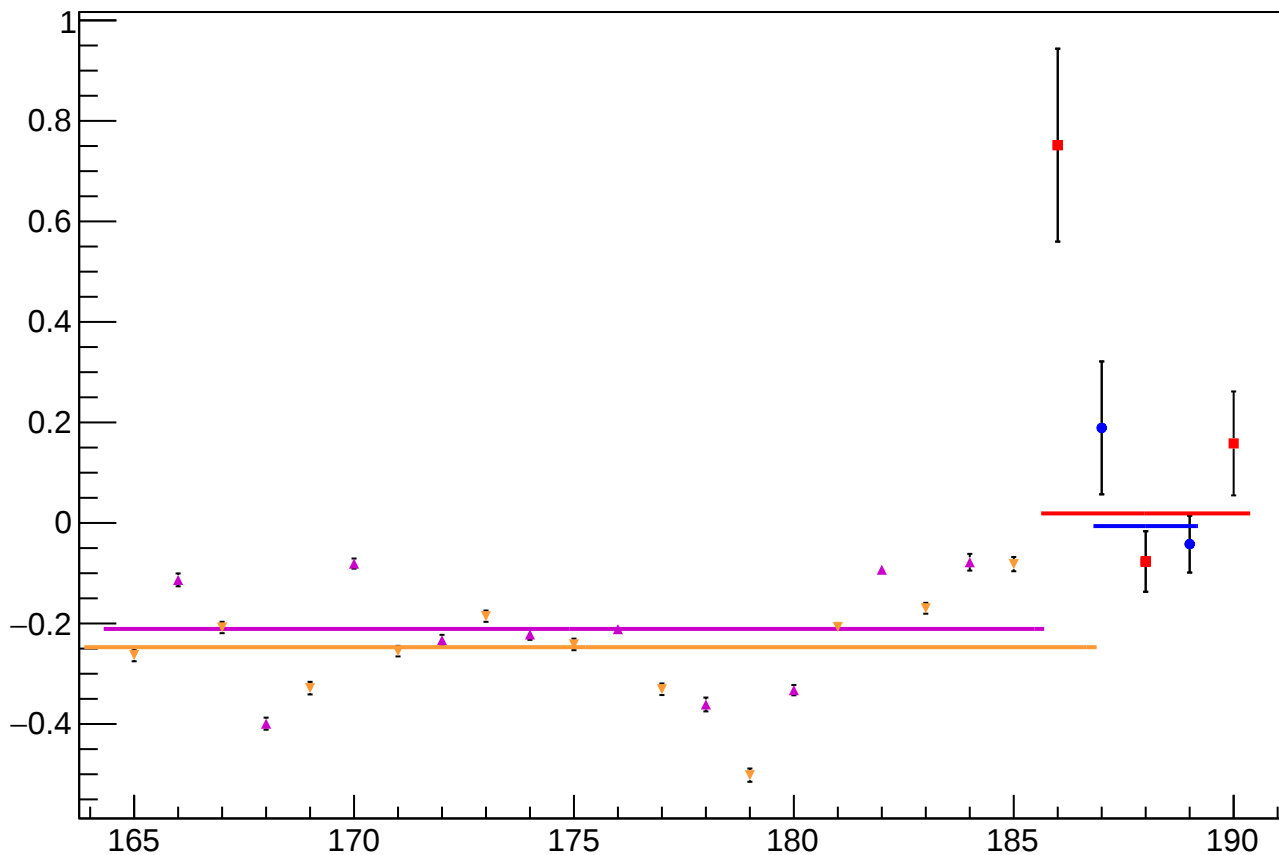
Left In: 37.380 $\pm$ 0.080 χ^2/NDF : 233.0/9

+ sign 37.339 $\pm$ 0.077 χ^2/NDF : 407.7/14

All: 37.363 $\pm$ 0.056 χ^2/NDF : 929.4/29

- sign 37.388 $\pm$ 0.080 χ^2/NDF : 521.5/14

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.037 χ^2/NDF : 5.2/3

Left Out: -0.247 ± 0.003 χ^2/NDF : 715.6/10

Right Out: 0.019 ± 0.038 χ^2/NDF : 36.0/4

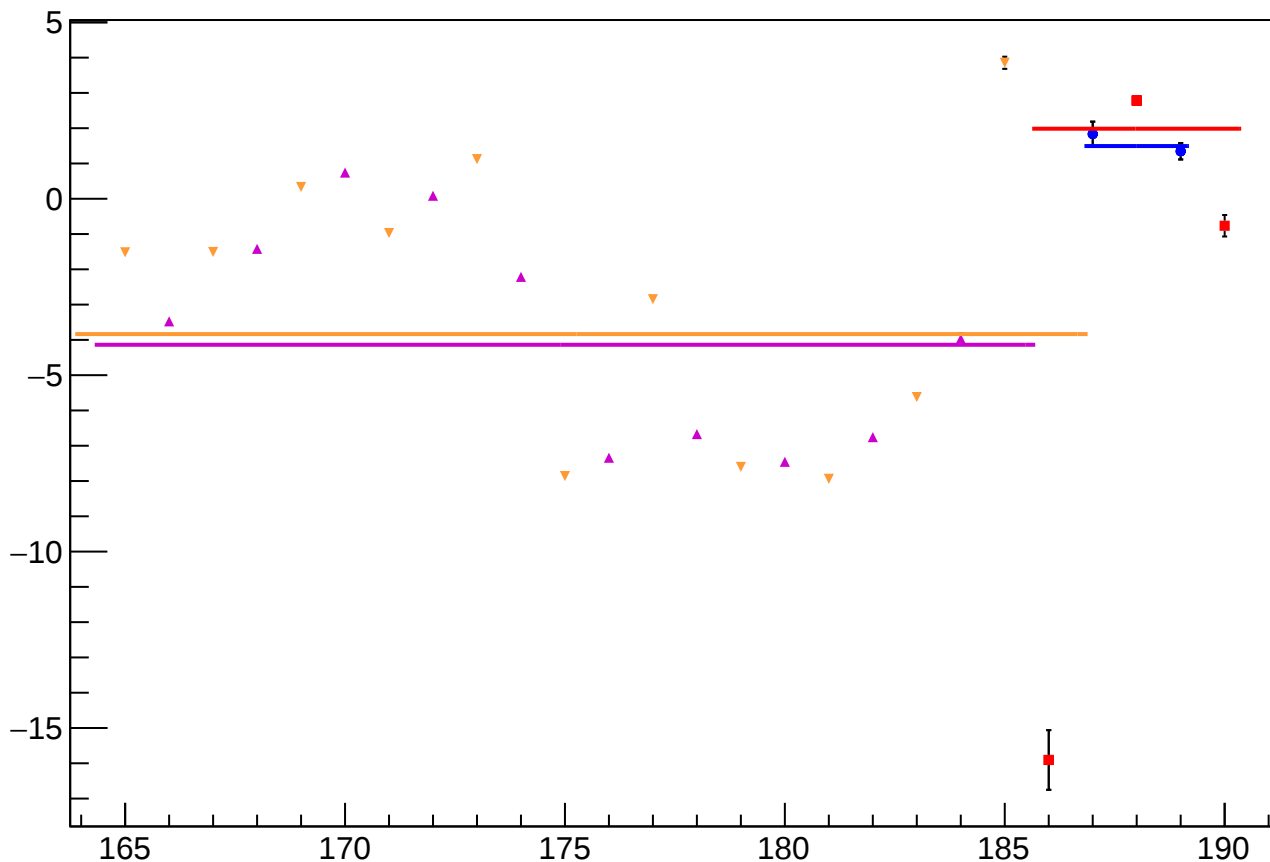
Left In: -0.211 ± 0.004 χ^2/NDF : 943.1/9

+ sign -0.245 ± 0.003 χ^2/NDF : 763.3/14

All: -0.227 ± 0.002 χ^2/NDF : 1832.9/29

- sign -0.209 ± 0.004 χ^2/NDF : 1015.8/14

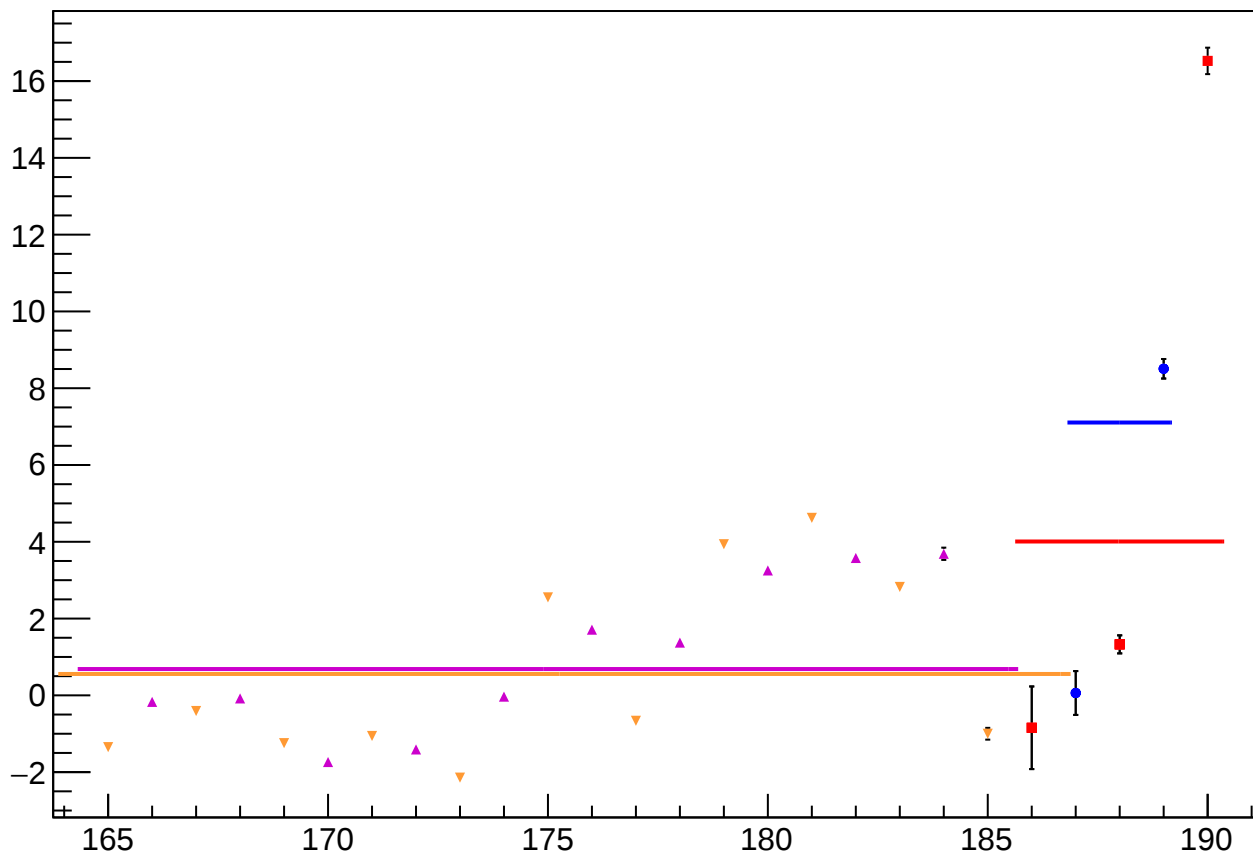
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 1.494 ± 0.137 χ^2/NDF : 2.7/3
 Left Out: -3.835 ± 0.032 χ^2/NDF : 13133.6/10
 Right Out: 1.986 ± 0.094 χ^2/NDF : 1041.1/4
 Left In: -4.138 ± 0.033 χ^2/NDF : 8487.2/9

+ sign -3.556 ± 0.031 χ^2/NDF : 14570.7/14
 All: -3.507 ± 0.022 χ^2/NDF : 27884.6/29
 - sign -3.458 ± 0.031 χ^2/NDF : 13309.0/14

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 7.107 ± 0.164 $\chi^2/\text{NDF}: 365.2/3$

Left Out: 0.557 ± 0.028 $\chi^2/\text{NDF}: 6803.5/10$

Right Out: 4.007 ± 0.147 $\chi^2/\text{NDF}: 1620.8/4$

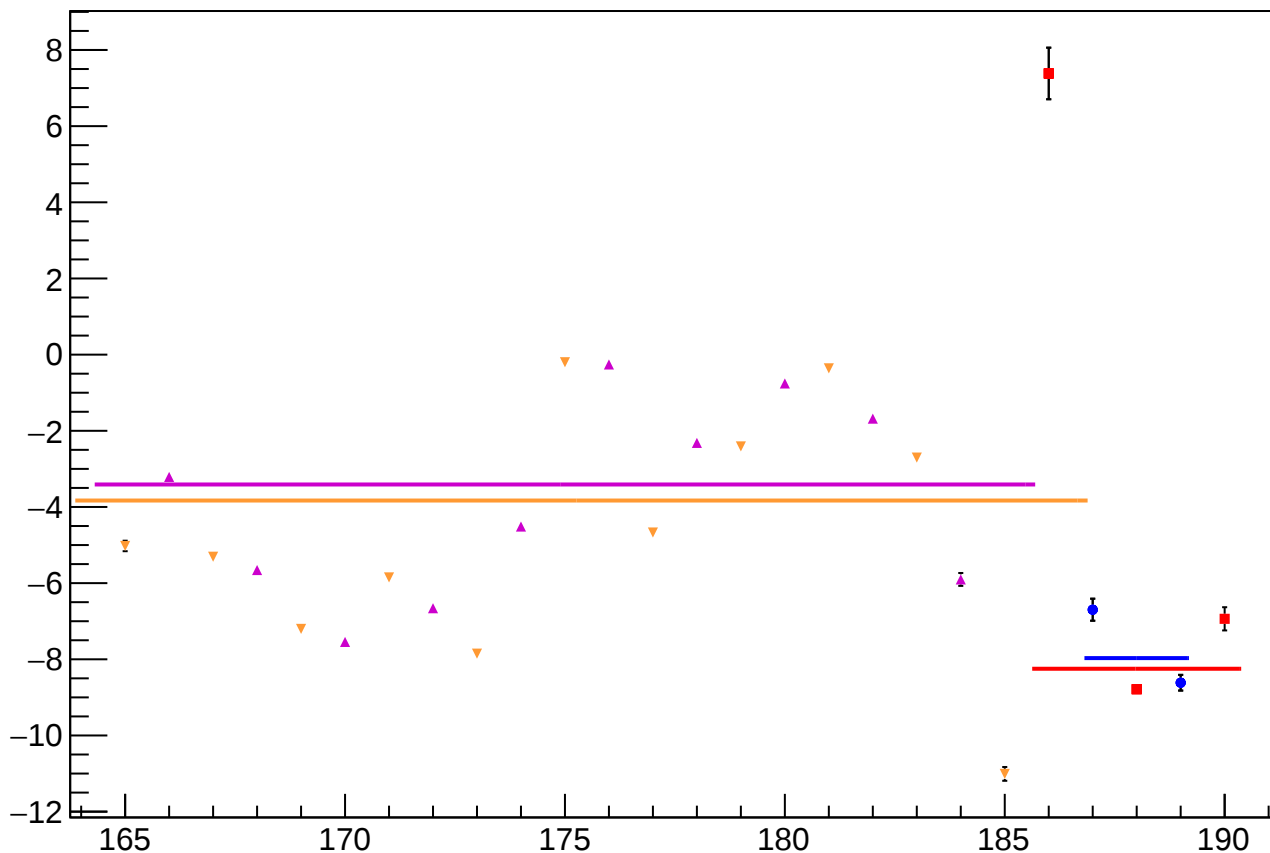
Left In: 0.686 ± 0.030 $\chi^2/\text{NDF}: 4103.1/9$

+ sign 0.746 ± 0.028 $\chi^2/\text{NDF}: 8710.9/14$

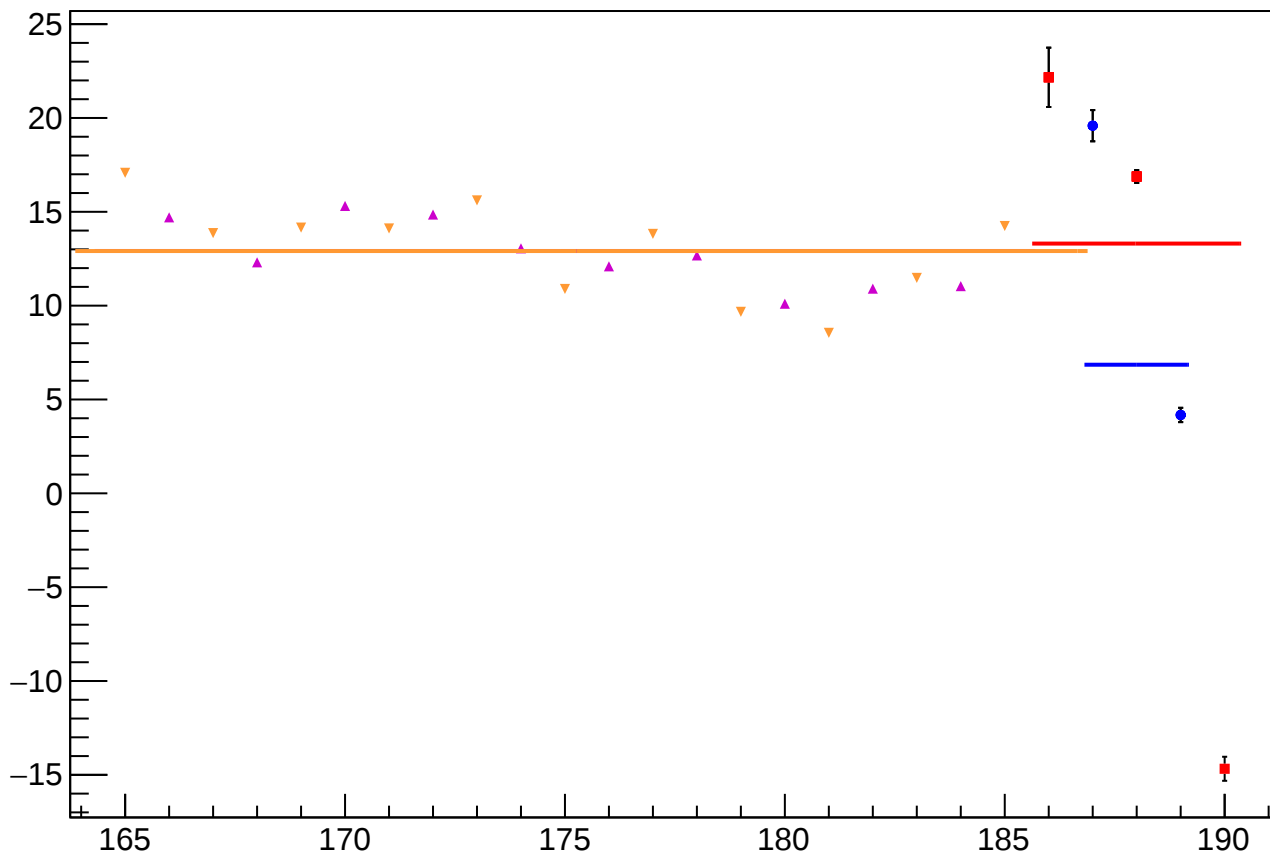
All: 0.780 ± 0.020 $\chi^2/\text{NDF}: 14929.4/29$

- sign 0.815 ± 0.029 $\chi^2/\text{NDF}: 6215.6/14$

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 6.852 ± 0.245 χ^2/NDF : 568.3/3

Left Out: 12.910 ± 0.031 χ^2/NDF : 6307.9/10

Right Out: 13.307 ± 0.222 χ^2/NDF : 2190.2/4

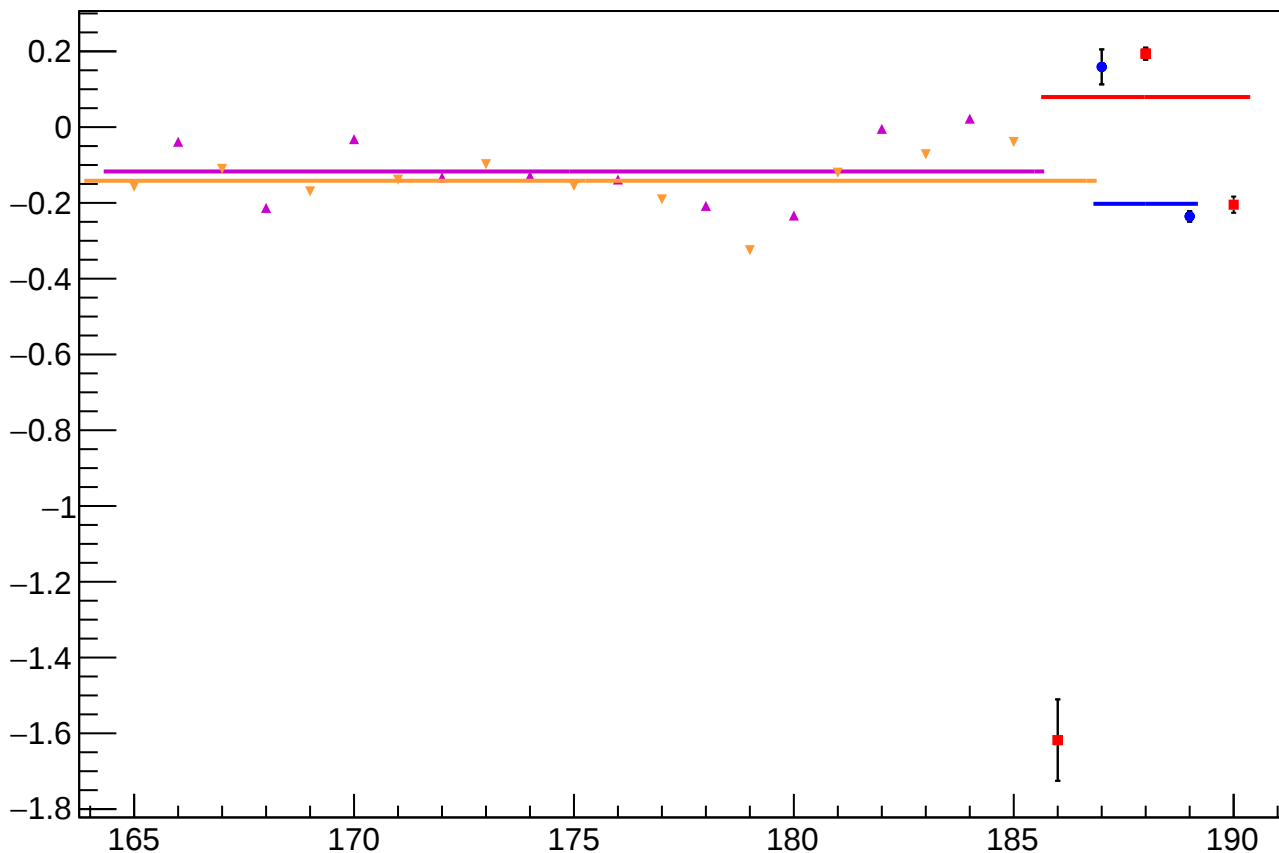
Left In: 12.913 ± 0.032 χ^2/NDF : 3049.4/9

+ sign 12.816 ± 0.030 χ^2/NDF : 7478.2/14

All: 12.866 ± 0.022 χ^2/NDF : 12726.6/29

- sign 12.921 ± 0.032 χ^2/NDF : 5242.7/14

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.202 $\pm$ 0.009 χ^2 /NDF: 133.8/3

Left Out: -0.142 $\pm$ 0.001 χ^2 /NDF: 2017.7/10

Right Out: 0.079 $\pm$ 0.010 χ^2 /NDF: 778.8/4

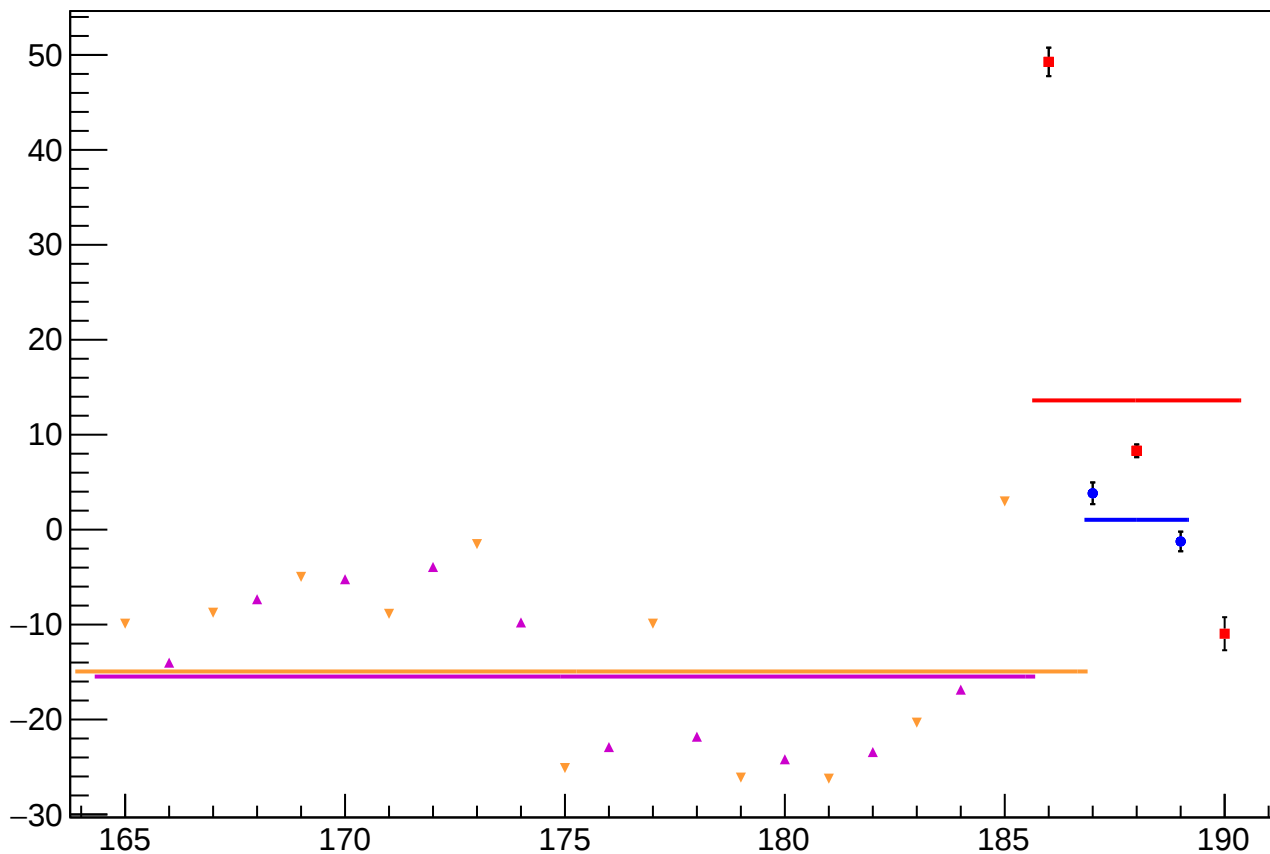
Left In: -0.117 $\pm$ 0.001 χ^2 /NDF: 3219.8/9

+ sign -0.143 $\pm$ 0.001 χ^2 /NDF: 2192.0/14

All: -0.128 $\pm$ 0.001 χ^2 /NDF: 6814.1/29

- sign -0.113 $\pm$ 0.001 χ^2 /NDF: 4388.8/14

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 1.036 ± 0.542 $\chi^2/\text{NDF}: 21.7/3$

Left Out: -14.939 ± 0.089 $\chi^2/\text{NDF}: 11499.8/10$

Right Out: 13.612 ± 0.420 $\chi^2/\text{NDF}: 1454.8/4$

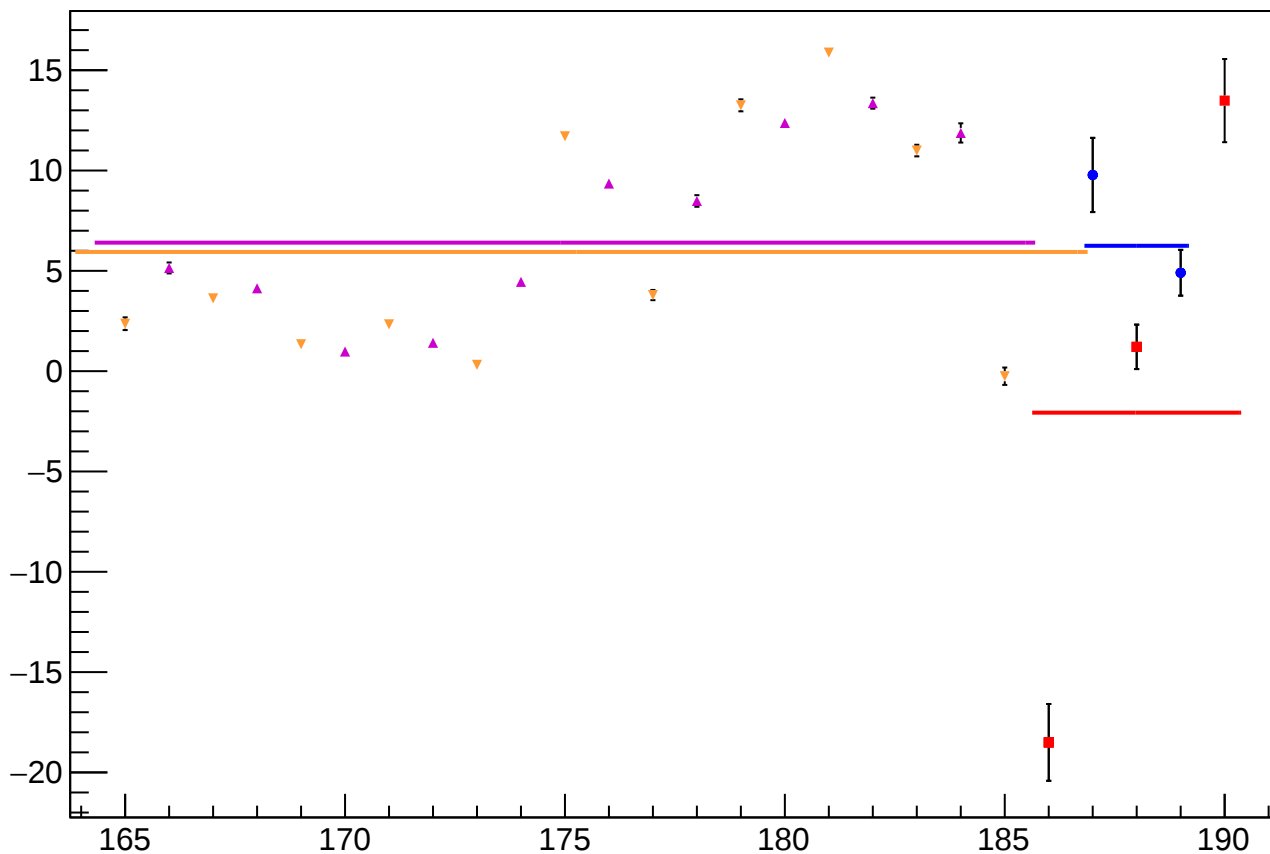
Left In: -15.476 ± 0.092 $\chi^2/\text{NDF}: 7231.7/9$

+ sign -14.516 ± 0.088 $\chi^2/\text{NDF}: 12367.7/14$

All: -14.336 ± 0.063 $\chi^2/\text{NDF}: 25635.5/29$

- sign -14.148 ± 0.090 $\chi^2/\text{NDF}: 13259.2/14$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 6.249 $\pm$ 0.687 χ^2 /NDF: 10.1/3

Left Out: 5.942 $\pm$ 0.078 χ^2 /NDF: 4862.1/10

Right Out: -2.068 $\pm$ 0.644 χ^2 /NDF: 221.3/4

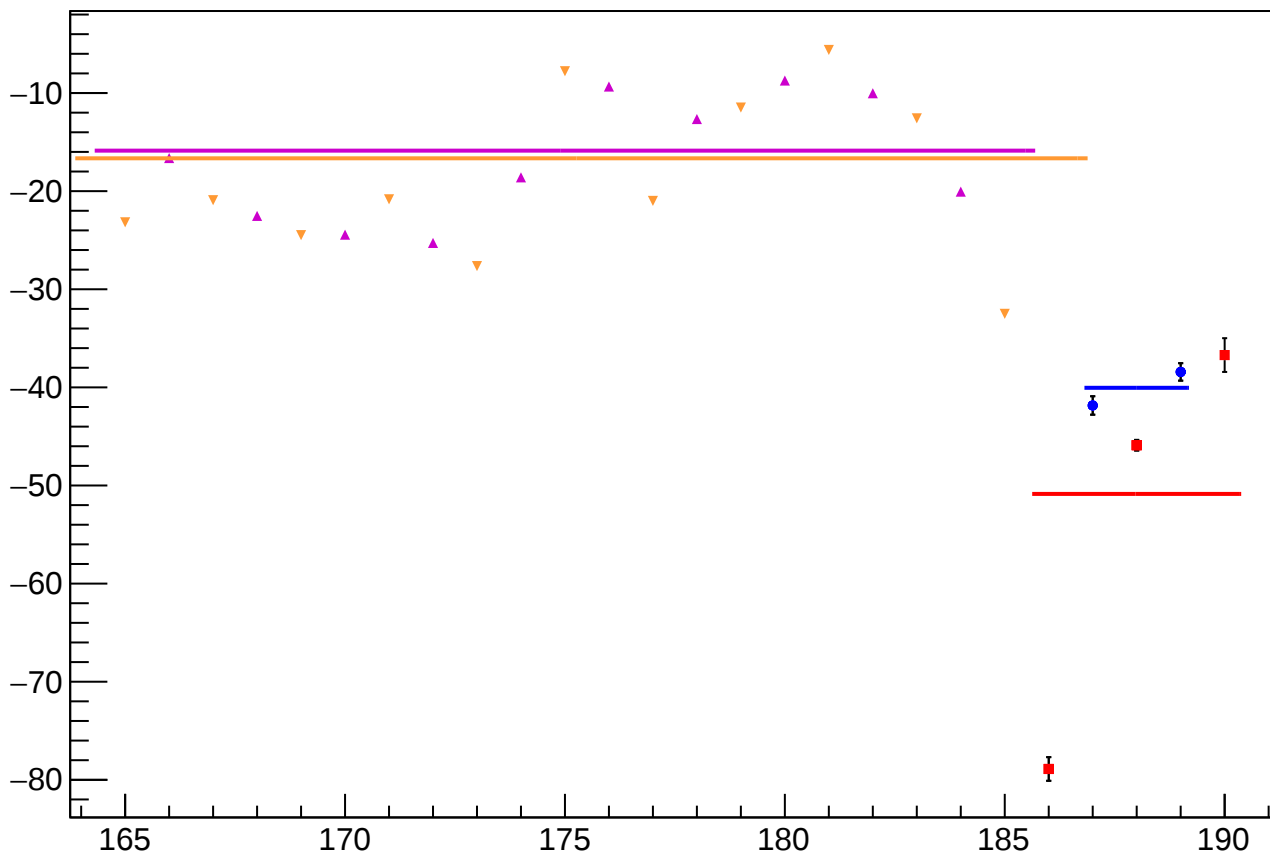
Left In: 6.406 $\pm$ 0.082 χ^2 /NDF: 2793.8/9

+ sign 5.946 $\pm$ 0.078 χ^2 /NDF: 4872.3/14

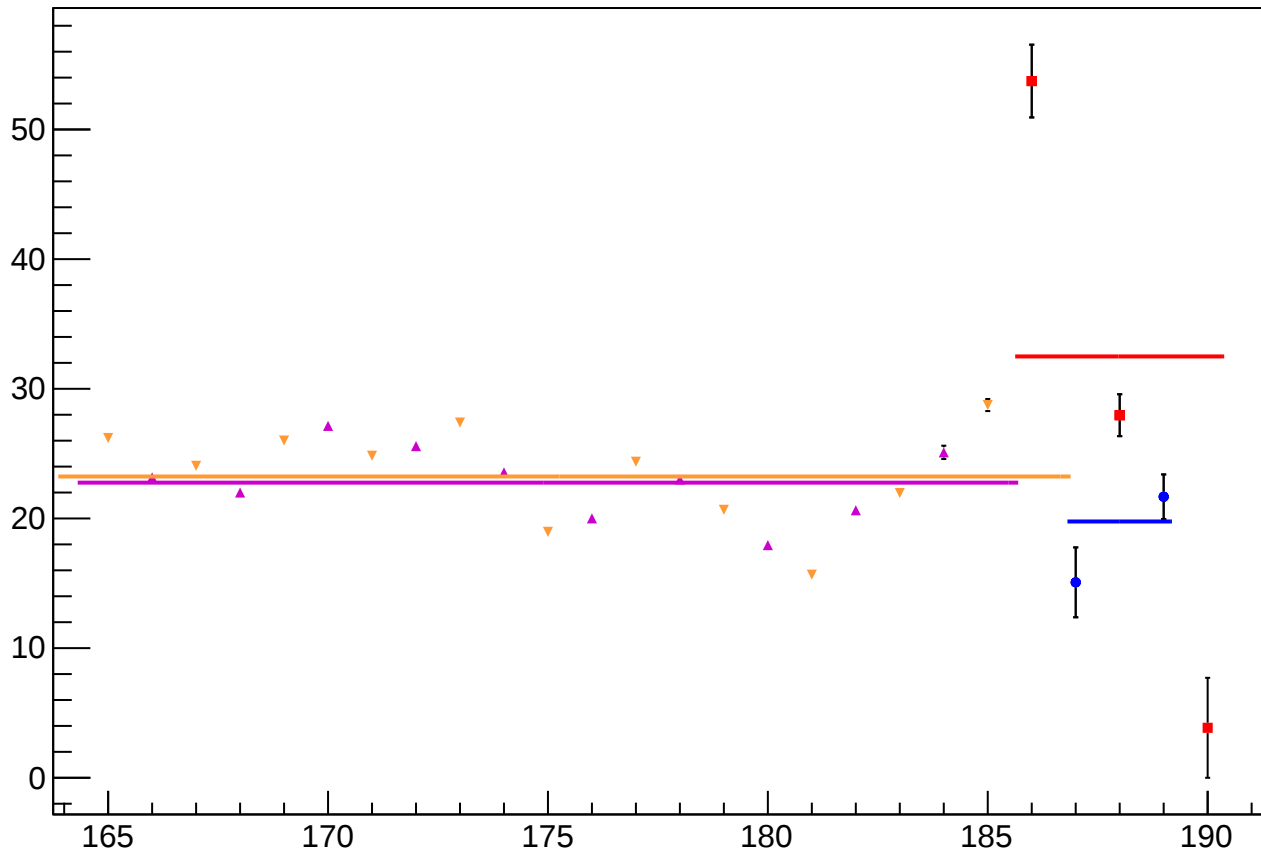
All: 6.103 $\pm$ 0.056 χ^2 /NDF: 8066.2/29

- sign 6.273 $\pm$ 0.081 χ^2 /NDF: 3185.4/14

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 19.767 $\pm$ 1.025 χ^2 /NDF: 8.5/3

Left Out: 23.236 $\pm$ 0.085 χ^2 /NDF: 1881.1/10

Right Out: 32.496 $\pm$ 0.959 χ^2 /NDF: 185.5/4

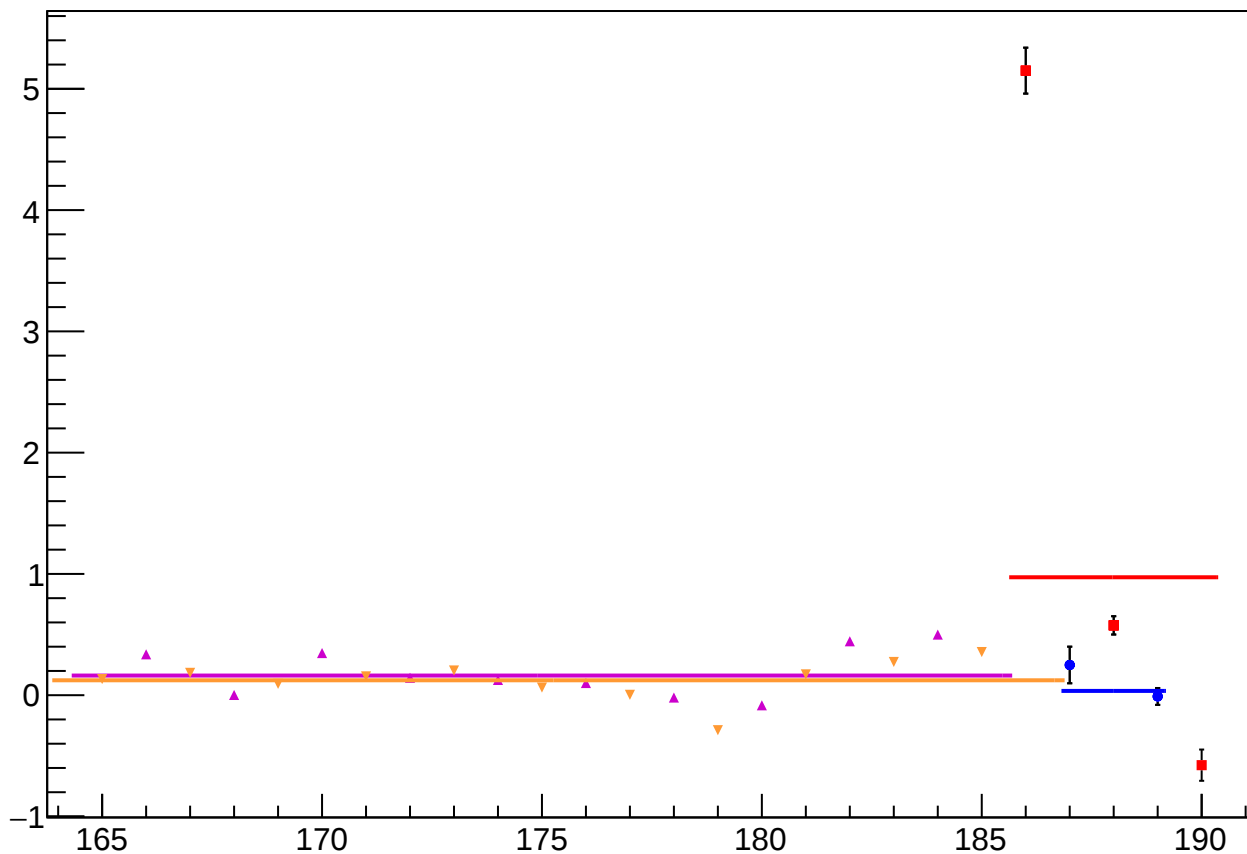
Left In: 22.763 $\pm$ 0.088 χ^2 /NDF: 995.1/9

+ sign 23.213 $\pm$ 0.085 χ^2 /NDF: 1901.0/14

All: 23.036 $\pm$ 0.061 χ^2 /NDF: 3192.7/29

- sign 22.845 $\pm$ 0.088 χ^2 /NDF: 1282.6/14

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: 0.035 $\pm$ 0.045 χ^2 /NDF: 4.9/3

Left Out: 0.123 $\pm$ 0.004 χ^2 /NDF:1297.1/10

Right Out: 0.972 $\pm$ 0.046 χ^2 /NDF: 1172.9/4

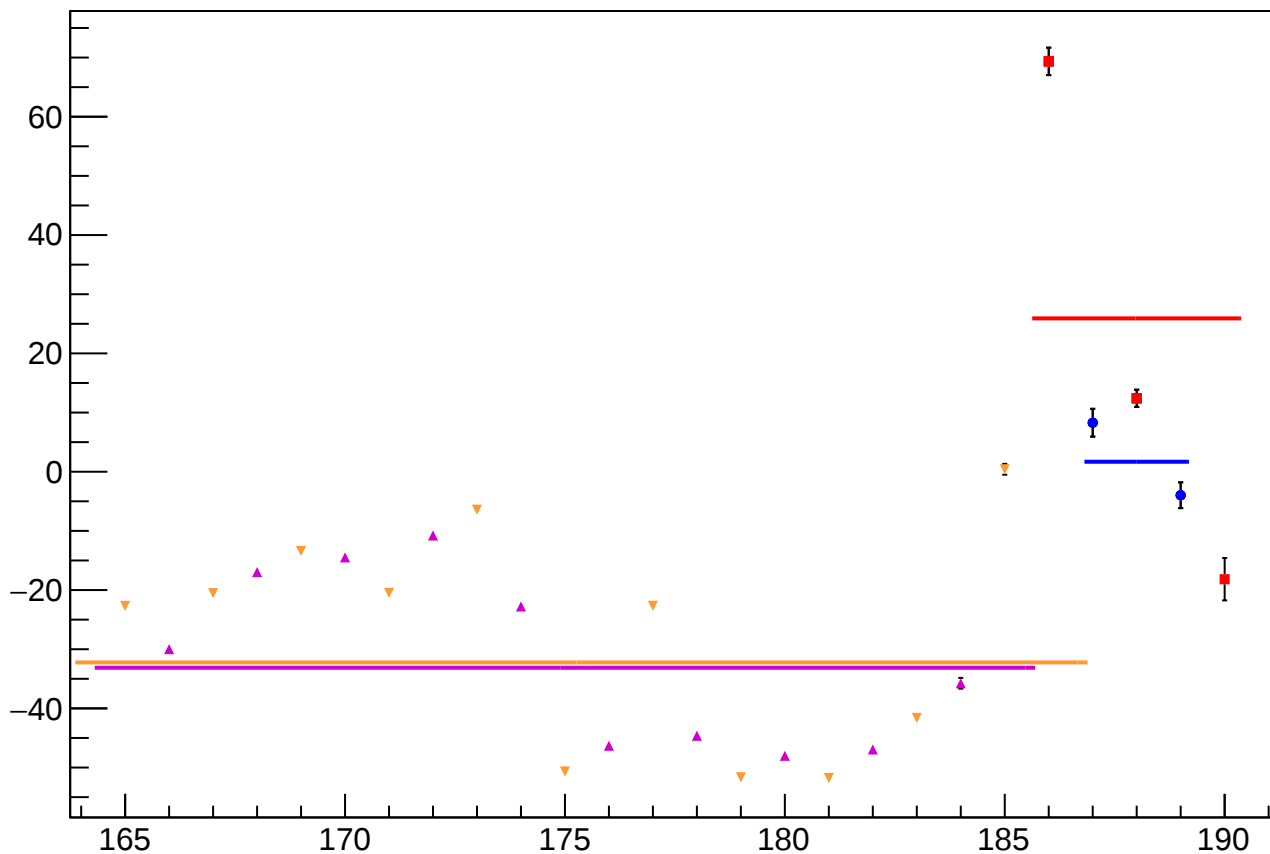
Left In: 0.162 $\pm$ 0.004 χ^2 /NDF:1930.4/9

+ sign 0.122 $\pm$ 0.004 χ^2 /NDF: 1305.7/14

All: 0.144 $\pm$ 0.003 χ^2 /NDF: 4785.0/29

- sign 0.168 $\pm$ 0.004 χ^2 /NDF: 3408.5/14

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 1.687 ± 1.130 $\chi^2/\text{NDF}: 29.2/3$

Left Out: -32.230 ± 0.170 $\chi^2/\text{NDF}: 10600.1/10$

Right Out: 25.917 ± 0.847 $\chi^2/\text{NDF}: 1026.2/4$

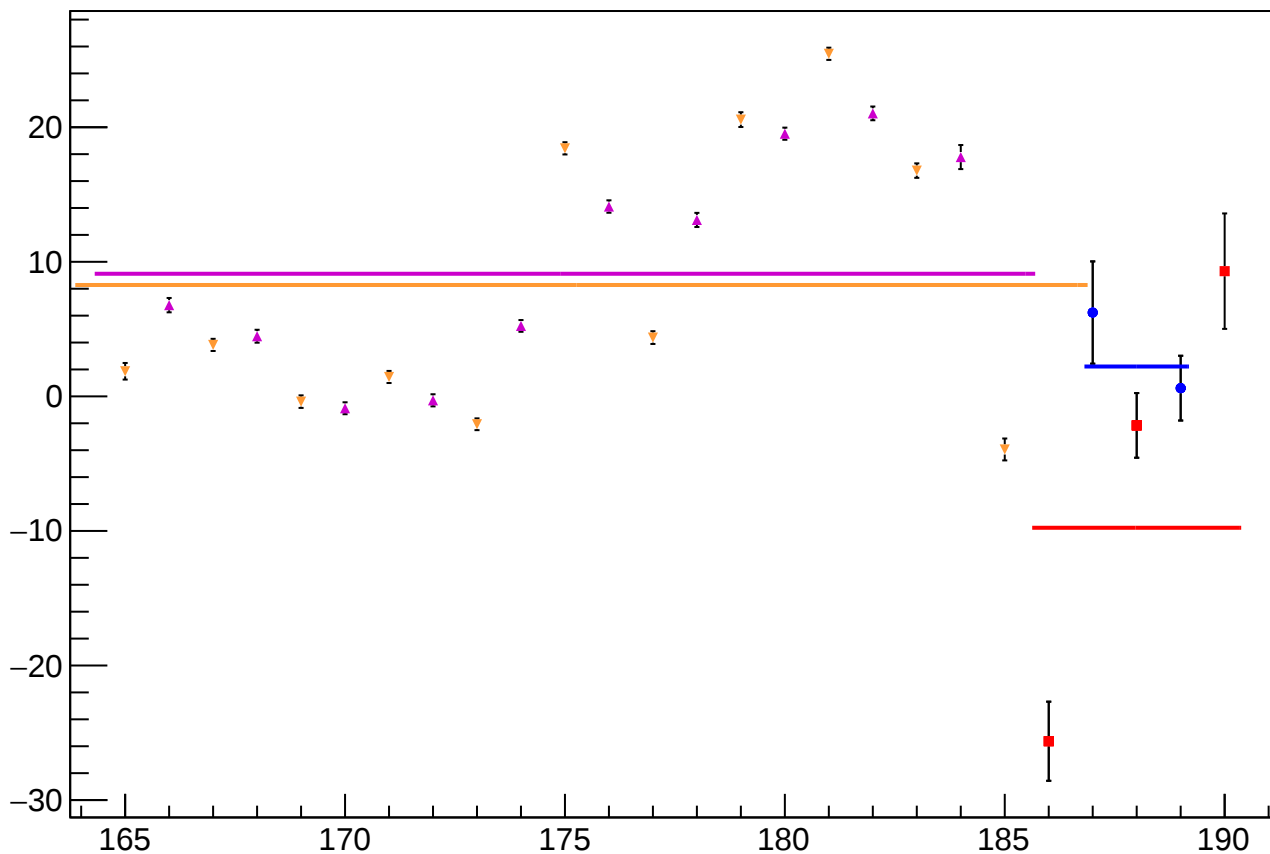
Left In: -33.134 ± 0.175 $\chi^2/\text{NDF}: 6614.8/9$

+ sign -31.478 ± 0.168 $\chi^2/\text{NDF}: 11510.8/14$

All: -31.108 ± 0.120 $\chi^2/\text{NDF}: 23821.4/29$

- sign -30.725 ± 0.171 $\chi^2/\text{NDF}: 12300.7/14$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: 2.219 ± 1.438 χ^2/NDF : 3.1/3

Left Out: 8.277 ± 0.150 χ^2/NDF : 4303.5/10

Right Out: -9.764 ± 1.258 χ^2/NDF : 98.0/4

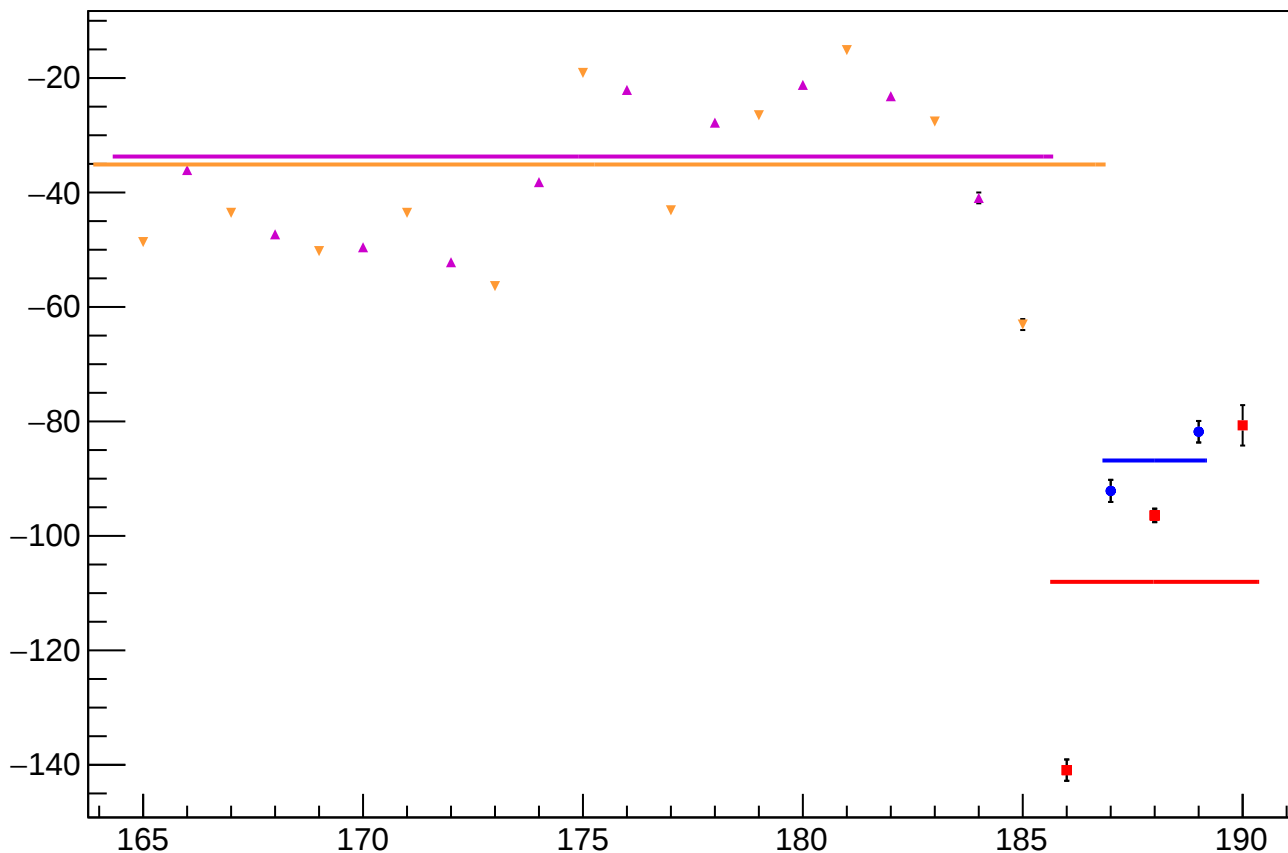
Left In: 9.112 ± 0.156 χ^2/NDF : 2475.8/9

+ sign 8.213 ± 0.149 χ^2/NDF : 4324.2/14

All: 8.509 ± 0.107 χ^2/NDF : 7128.1/29

- sign 8.828 ± 0.154 χ^2/NDF : 2795.6/14

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -86.825 ± 0.953 χ^2/NDF : 29.4/3

Left Out: -35.106 ± 0.173 χ^2/NDF : 7348.8/10

Right Out: -108.028 ± 0.690 χ^2/NDF : 878.5/4

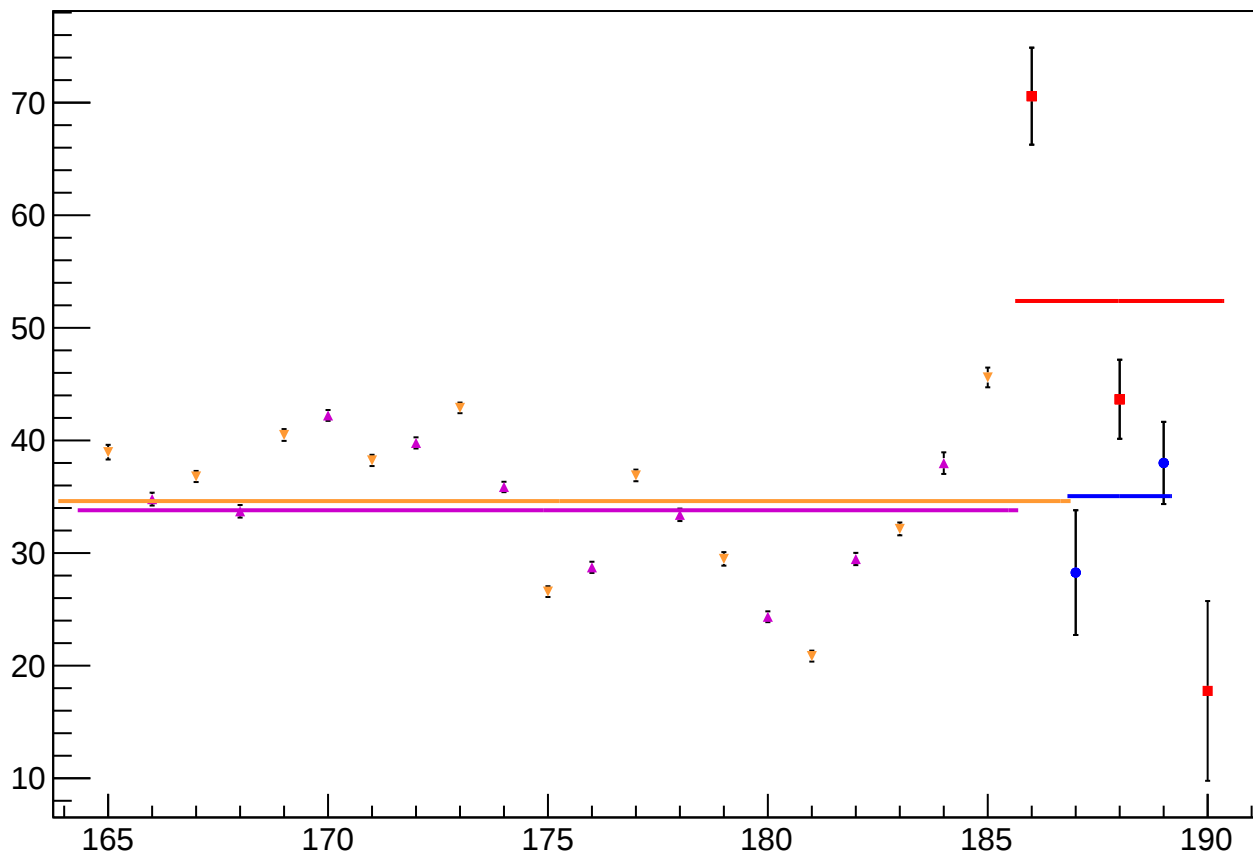
Left In: -33.716 ± 0.178 χ^2/NDF : 4167.3/9

+ sign -36.755 ± 0.170 χ^2/NDF : 10231.9/14

All: -37.544 ± 0.121 χ^2/NDF : 26205.8/29

- sign -38.353 ± 0.172 χ^2/NDF : 15930.4/14

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 35.055 $\pm$ 2.155 χ^2 /NDF: 4.3/3

Left Out: 34.615 $\pm$ 0.162 χ^2 /NDF:1898.9/10

Right Out: 52.386 $\pm$ 1.871 χ^2 /NDF: 66.8/4

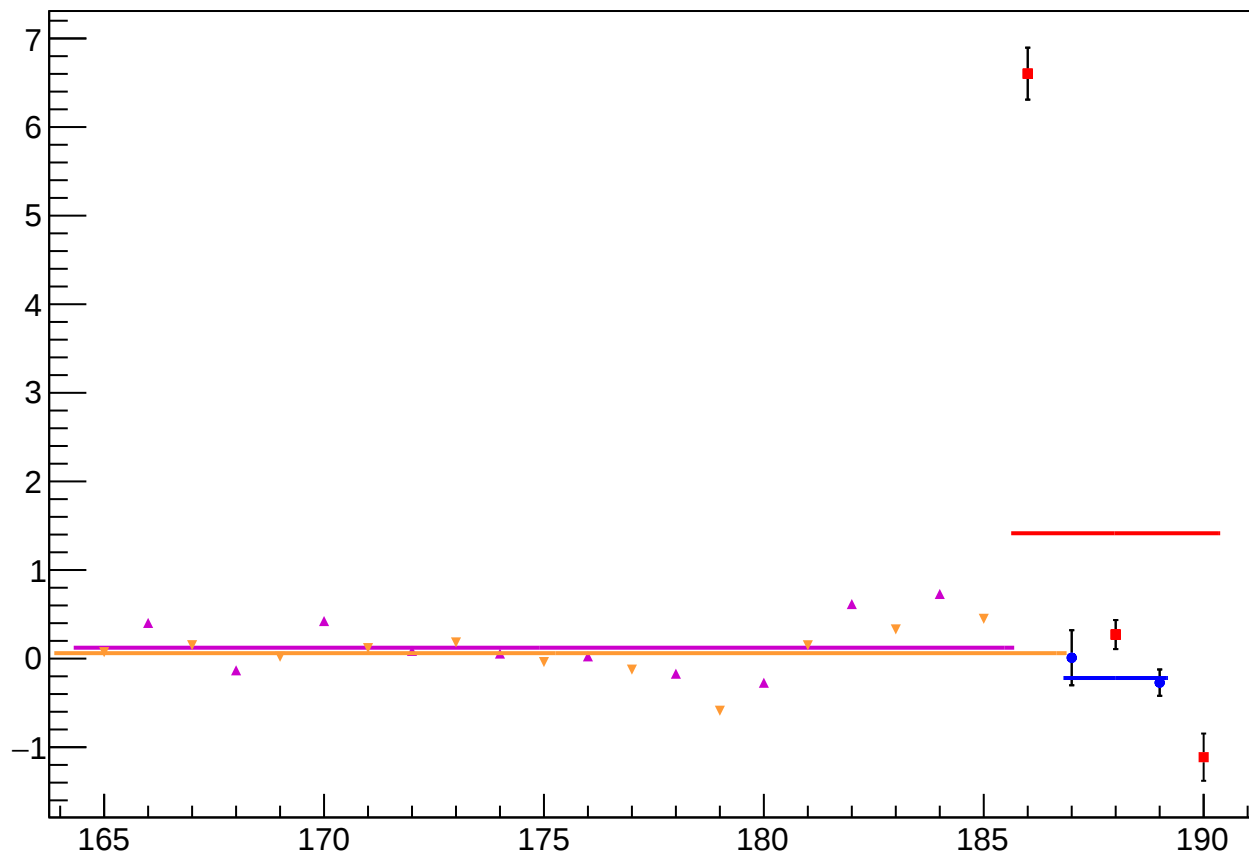
Left In: 33.800 $\pm$ 0.168 χ^2 /NDF:1046.4/9

+ sign 34.617 $\pm$ 0.162 χ^2 /NDF: 1903.2/14

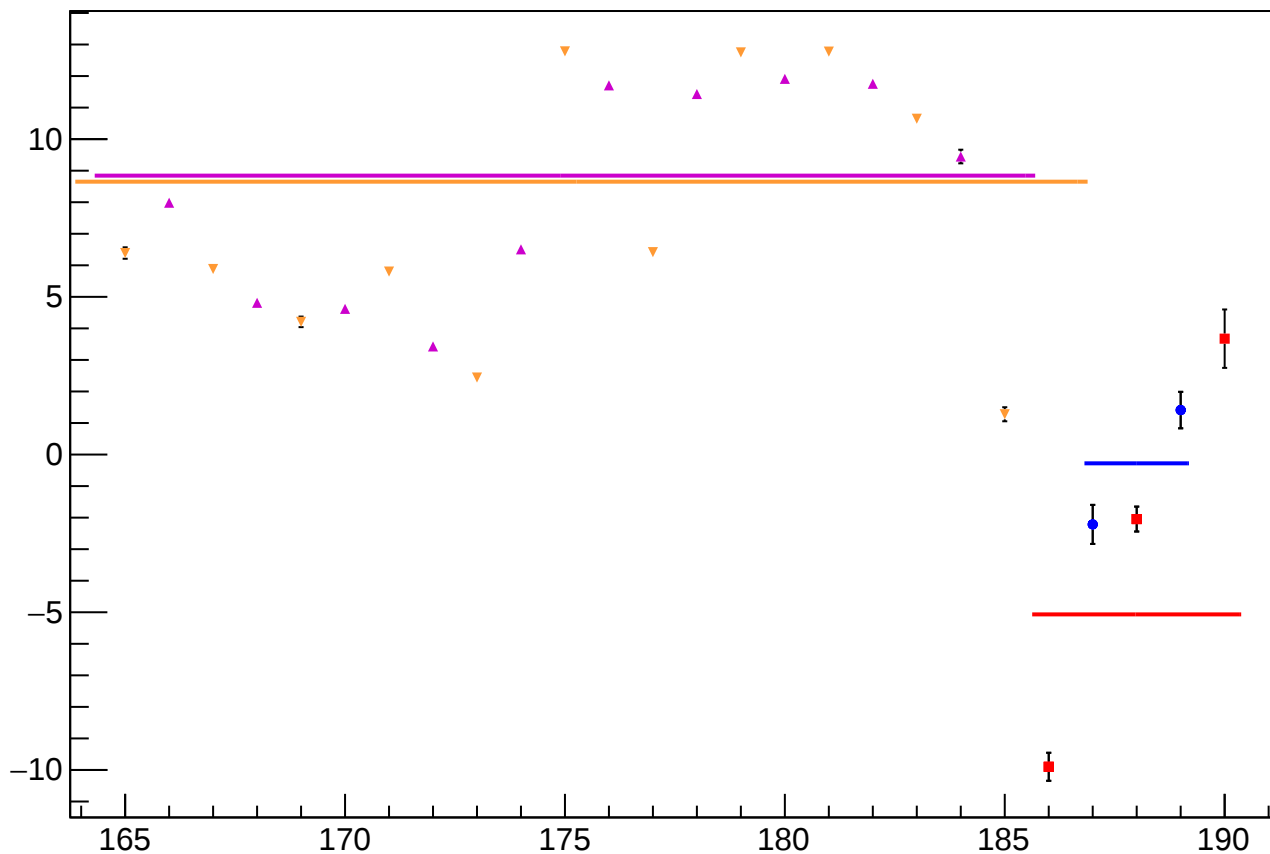
All: 34.295 $\pm$ 0.116 χ^2 /NDF: 3122.7/29

- sign 33.949 $\pm$ 0.167 χ^2 /NDF: 1211.2/14

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: -0.278 $\pm$ 0.299 χ^2/NDF : 36.6/3

Left Out: 8.651 $\pm$ 0.042 χ^2/NDF : 8919.7/10

Right Out: -5.067 $\pm$ 0.204 χ^2/NDF : 442.9/4

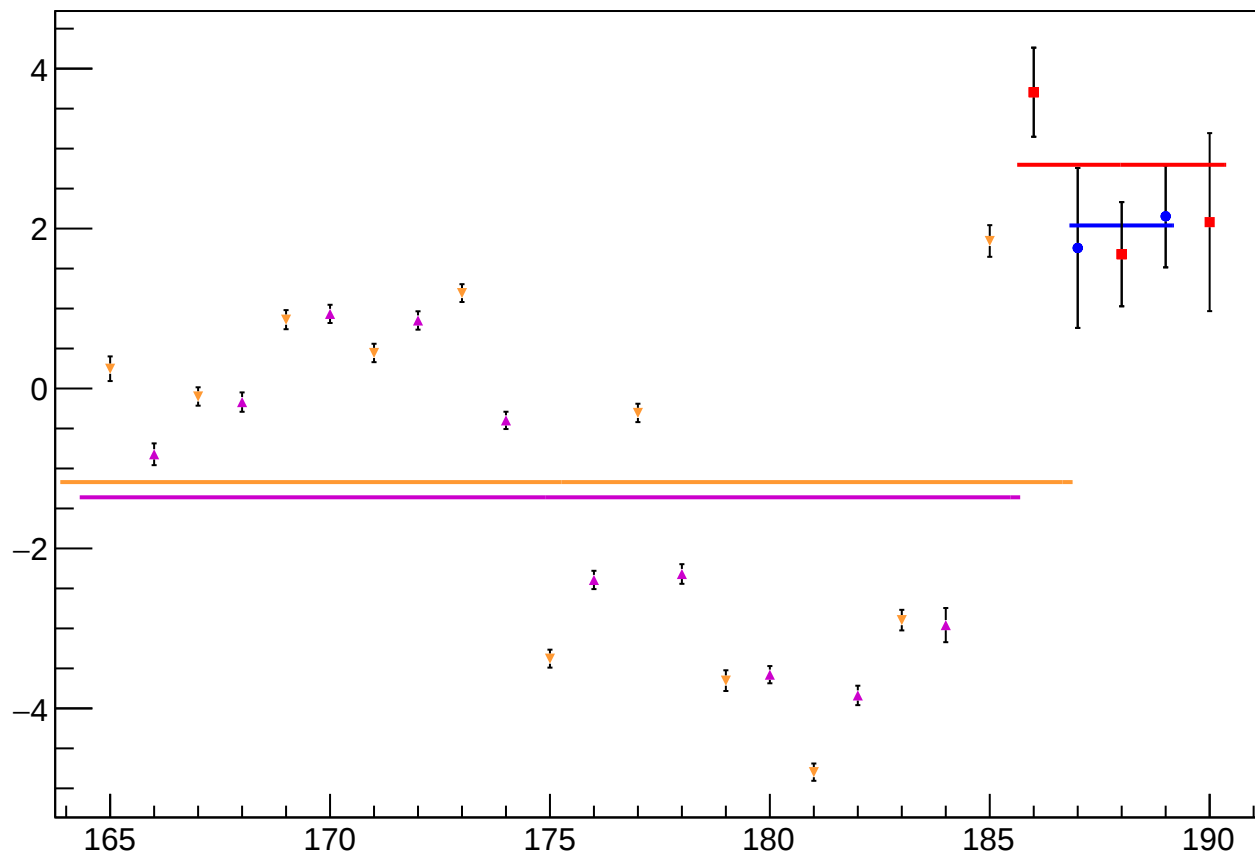
Left In: 8.843 $\pm$ 0.043 χ^2/NDF : 5548.2/9

+ sign 8.480 $\pm$ 0.041 χ^2/NDF : 9832.8/14

All: 8.367 $\pm$ 0.029 χ^2/NDF : 20309.3/29

- sign 8.251 $\pm$ 0.042 χ^2/NDF : 10461.4/14

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 2.039 $\pm$ 0.381 χ^2 /NDF: 0.2/3

Left Out: -1.170 $\pm$ 0.037 χ^2 /NDF: 3455.6/10

Right Out: 2.798 $\pm$ 0.289 χ^2 /NDF: 11.6/4

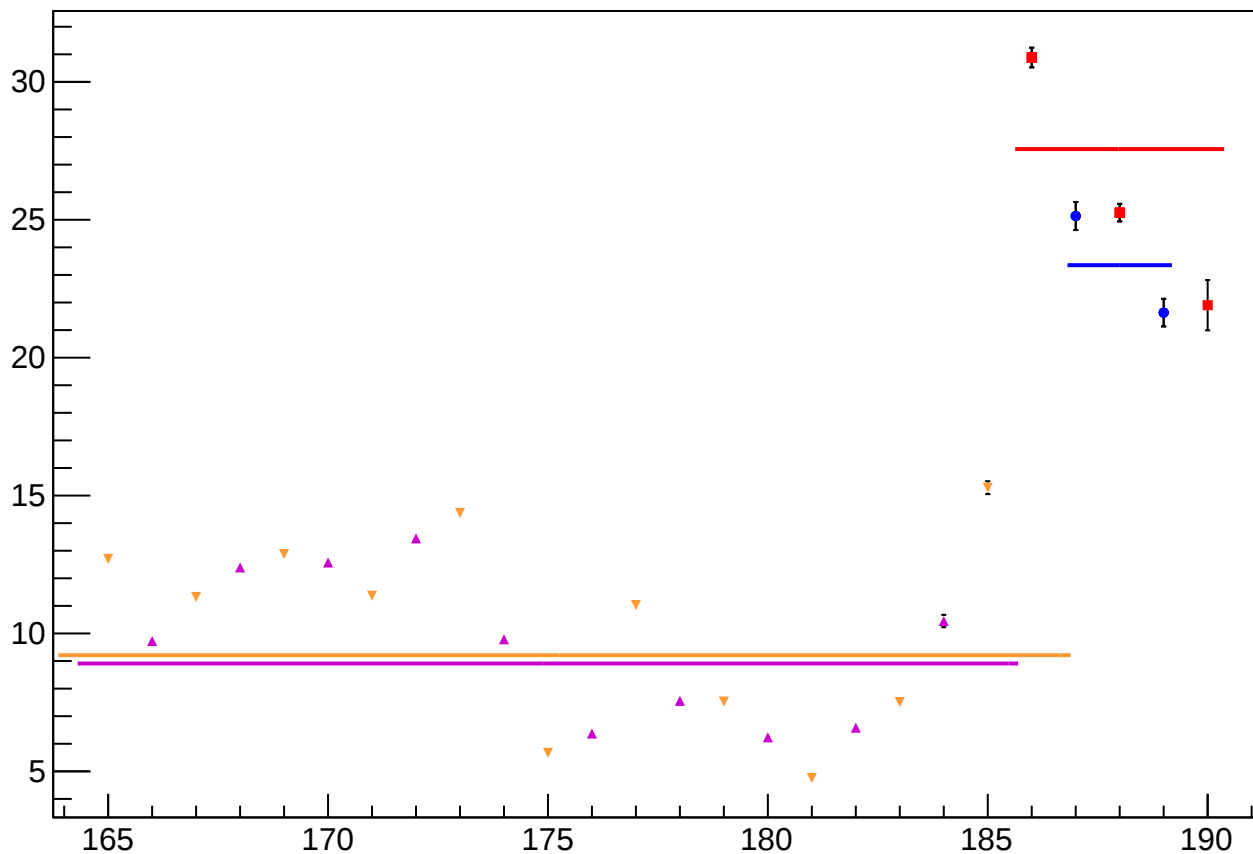
Left In: -1.360 $\pm$ 0.038 χ^2 /NDF: 2005.7/9

+ sign -1.140 $\pm$ 0.037 χ^2 /NDF: 3526.2/14

All: -1.212 $\pm$ 0.026 χ^2 /NDF: 5754.8/29

- sign -1.288 $\pm$ 0.038 χ^2 /NDF: 2220.7/14

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 23.354 $\pm$ 0.252 χ^2 /NDF: 48.3/3

Left Out: 9.214 $\pm$ 0.042 χ^2 /NDF: 6425.1/10

Right Out: 27.563 $\pm$ 0.165 χ^2 /NDF: 316.0/4

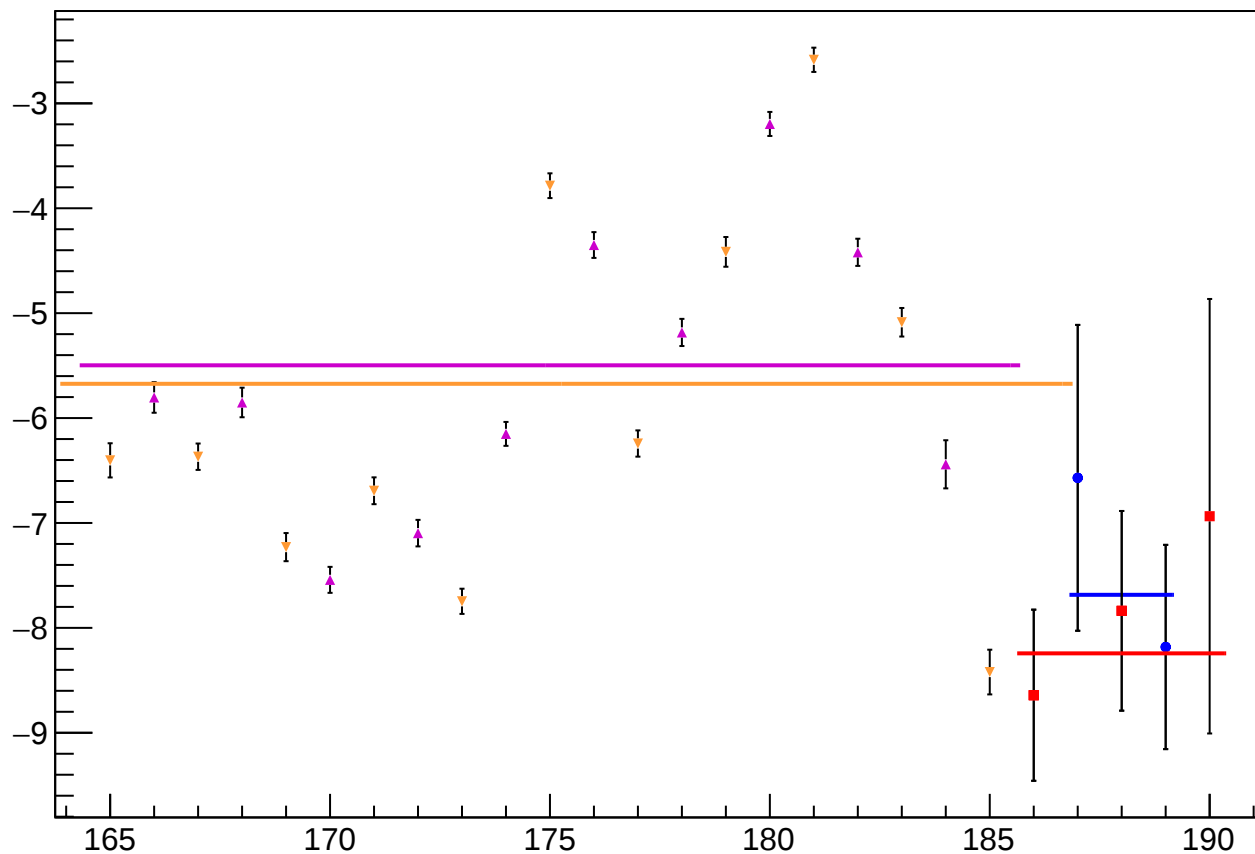
Left In: 8.911 $\pm$ 0.044 χ^2 /NDF: 3627.5/9

+ sign 9.604 $\pm$ 0.042 χ^2 /NDF: 9532.5/14

All: 9.864 $\pm$ 0.030 χ^2 /NDF: 25445.4/29

- sign 10.128 $\pm$ 0.042 χ^2 /NDF: 15835.4/14

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -7.685+/-0.572 χ^2/NDF : 1.7/3

Left Out: -5.673+/-0.040 χ^2/NDF : 1800.9/10

Right Out: -8.243+/-0.428 χ^2/NDF : 1.2/4

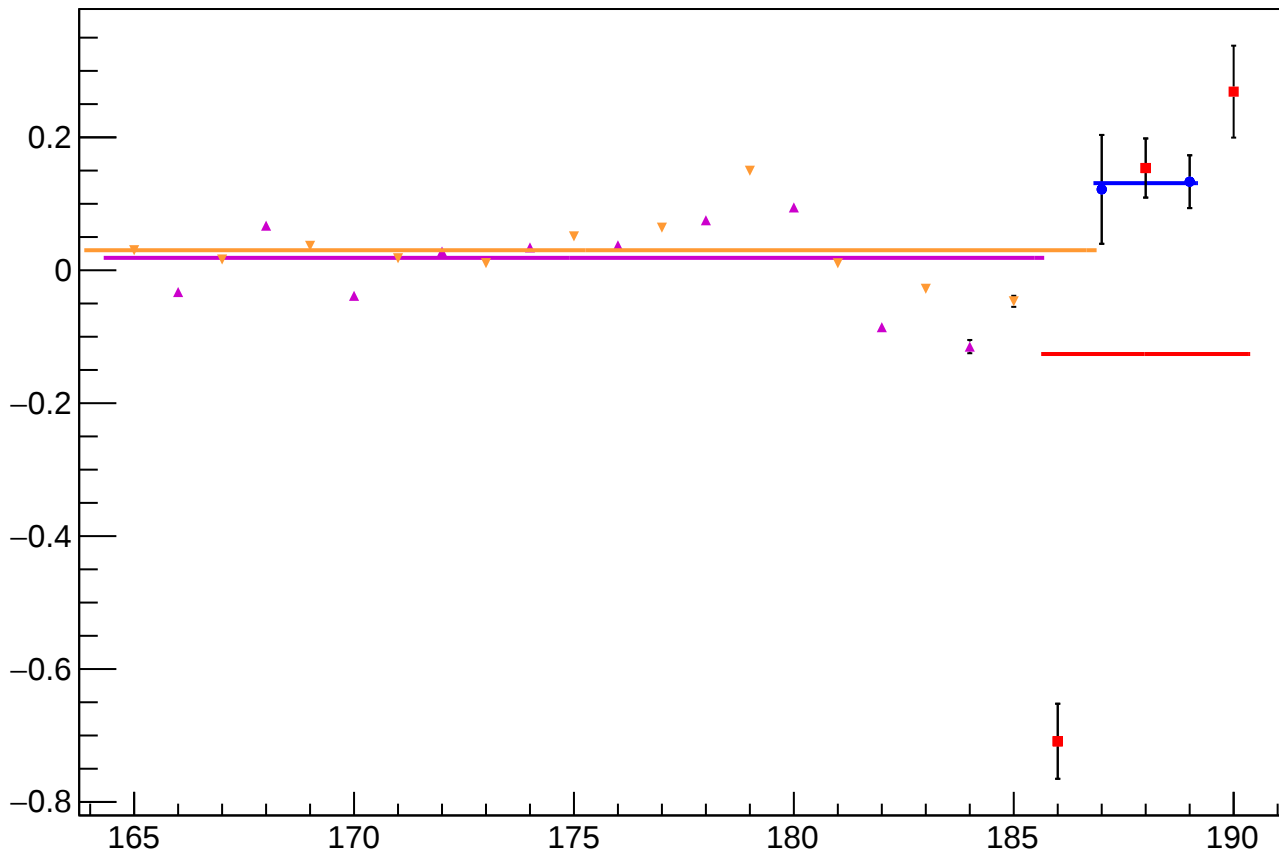
Left In: -5.497+/-0.041 χ^2/NDF : 1058.5/9

+ sign -5.683+/-0.040 χ^2/NDF : 1814.9/14

All: -5.605+/-0.029 χ^2/NDF : 2923.1/29

- sign -5.523+/-0.041 χ^2/NDF : 1100.4/14

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.131 $\pm$ 0.025 χ^2/NDF : 0.0/3

Left Out: 0.030 $\pm$ 0.002 χ^2/NDF : 615.0/10

Right Out: -0.126 $\pm$ 0.023 χ^2/NDF : 324.7/4

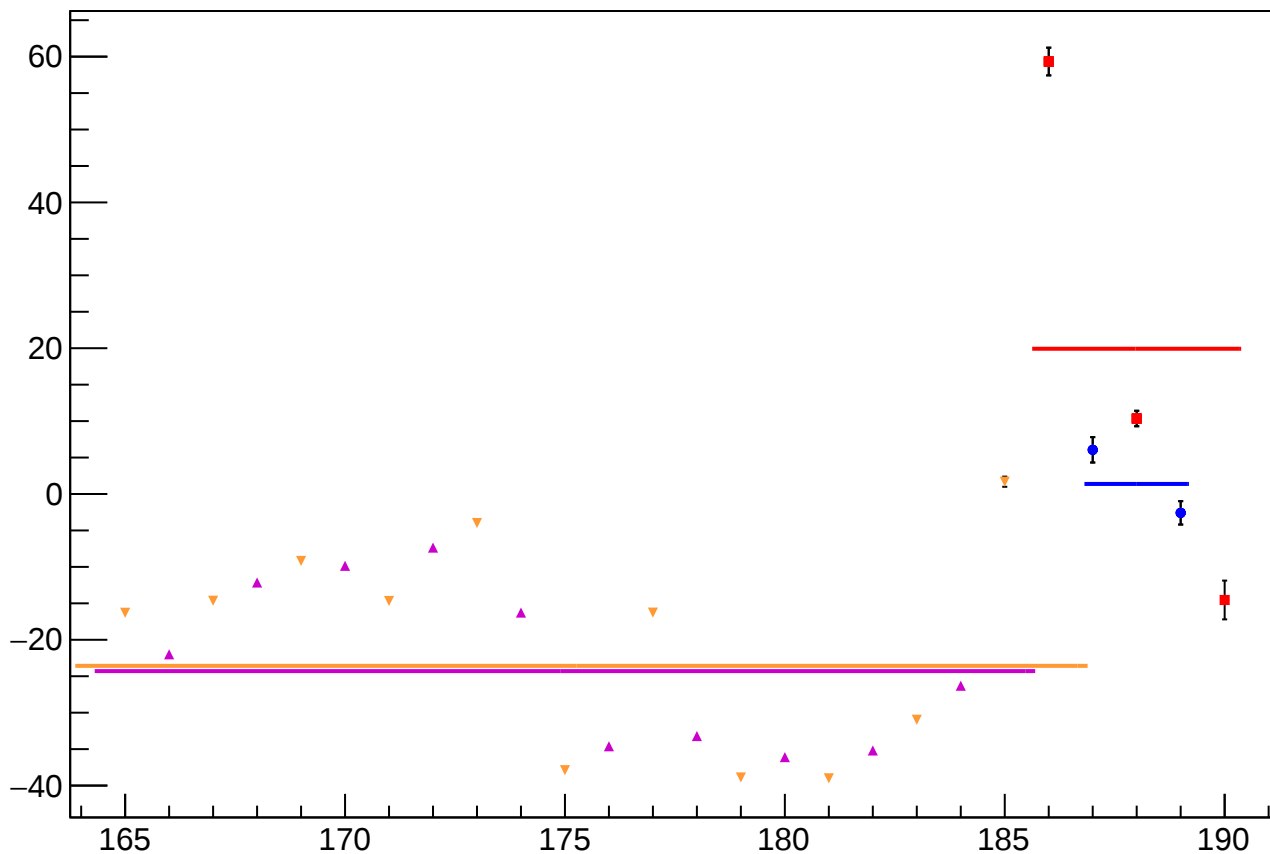
Left In: 0.019 $\pm$ 0.002 χ^2/NDF : 1036.1/9

+ sign 0.031 $\pm$ 0.002 χ^2/NDF : 630.9/14

All: 0.024 $\pm$ 0.001 χ^2/NDF : 2055.5/29

- sign 0.018 $\pm$ 0.002 χ^2/NDF : 1399.1/14

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: 1.380+/-0.834 χ^2/NDF : 26.7/3

Left Out: -23.576+/-0.129 χ^2/NDF :10991.4/10

Right Out: 19.927+/-0.637 χ^2/NDF : 1189.7/4

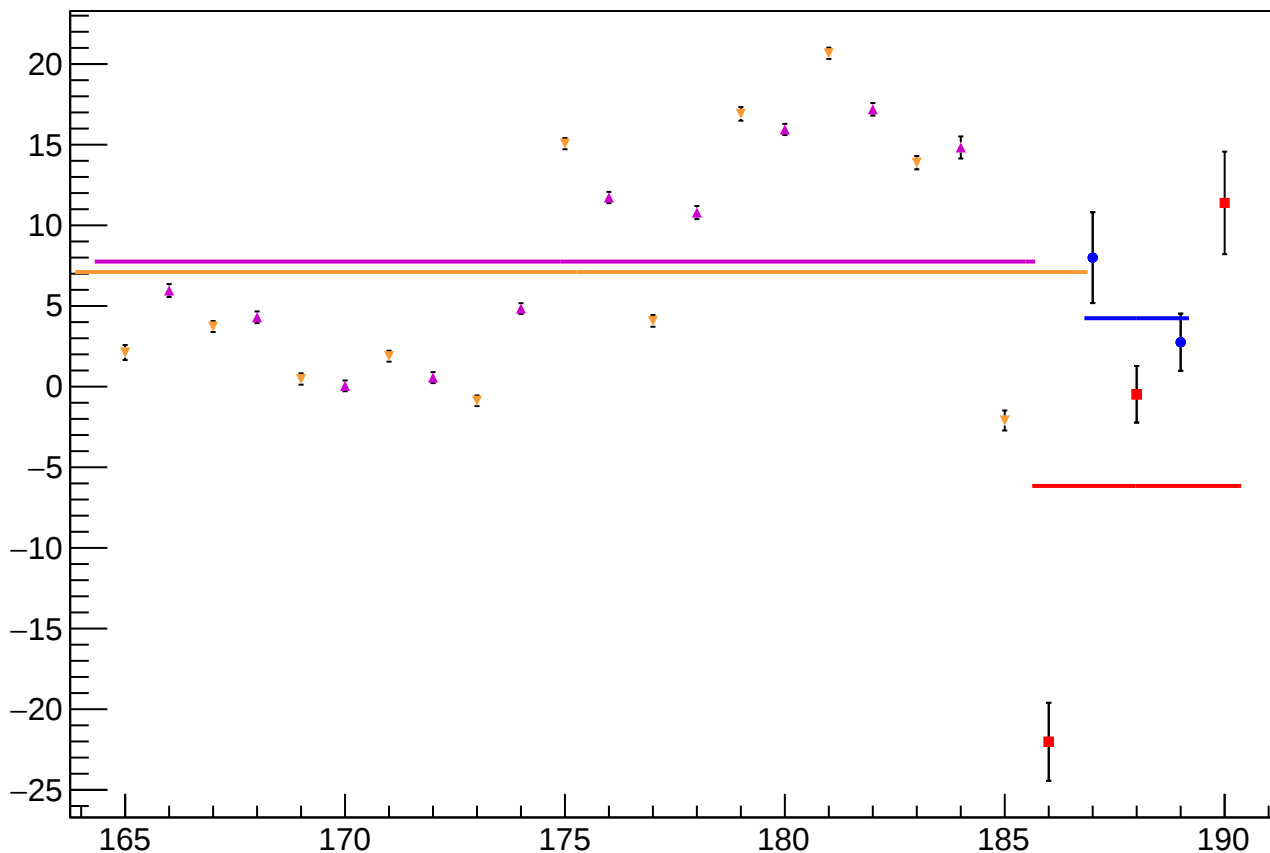
Left In: -24.294+/-0.133 χ^2/NDF :6875.3/9

+ sign -22.991+/-0.128 χ^2/NDF : 11892.3/14

All: -22.726+/-0.091 χ^2/NDF : 24585.8/29

- sign -22.451+/-0.130 χ^2/NDF : 12684.7/14

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: 4.240 $\pm$ 1.060 χ^2 /NDF: 5.0/3

Left Out: 7.105 $\pm$ 0.114 χ^2 /NDF: 4525.5/10

Right Out: -6.156 $\pm$ 0.957 χ^2 /NDF: 137.6/4

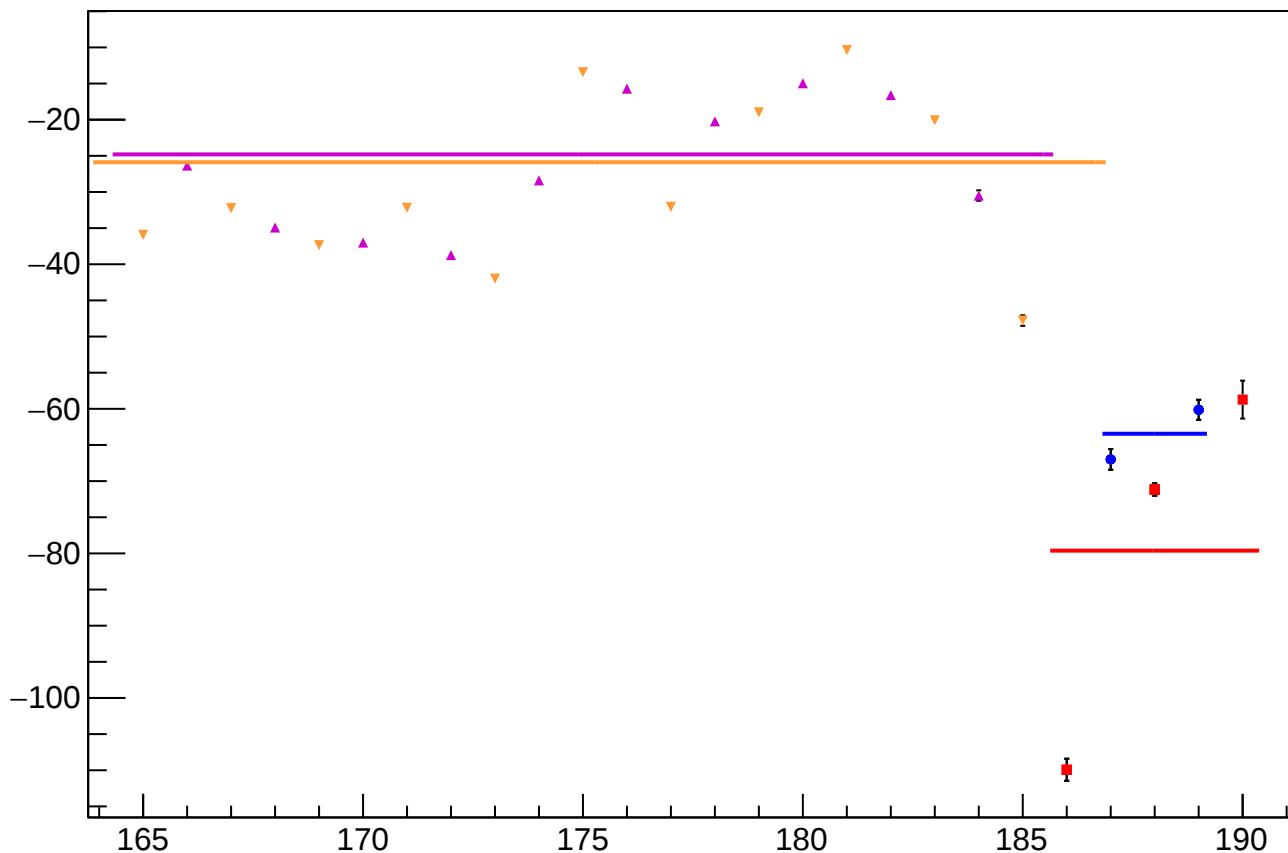
Left In: 7.753 $\pm$ 0.118 χ^2 /NDF: 2601.2/9

+ sign 7.072 $\pm$ 0.113 χ^2 /NDF: 4537.7/14

All: 7.300 $\pm$ 0.081 χ^2 /NDF: 7492.8/29

- sign 7.545 $\pm$ 0.117 χ^2 /NDF: 2946.7/14

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -63.447 $\pm$ 0.703 χ^2 /NDF: 23.8/3

Left Out: -25.889 $\pm$ 0.131 χ^2 /NDF: 7537.2/10

Right Out: -79.617 $\pm$ 0.519 χ^2 /NDF: 1045.1/4

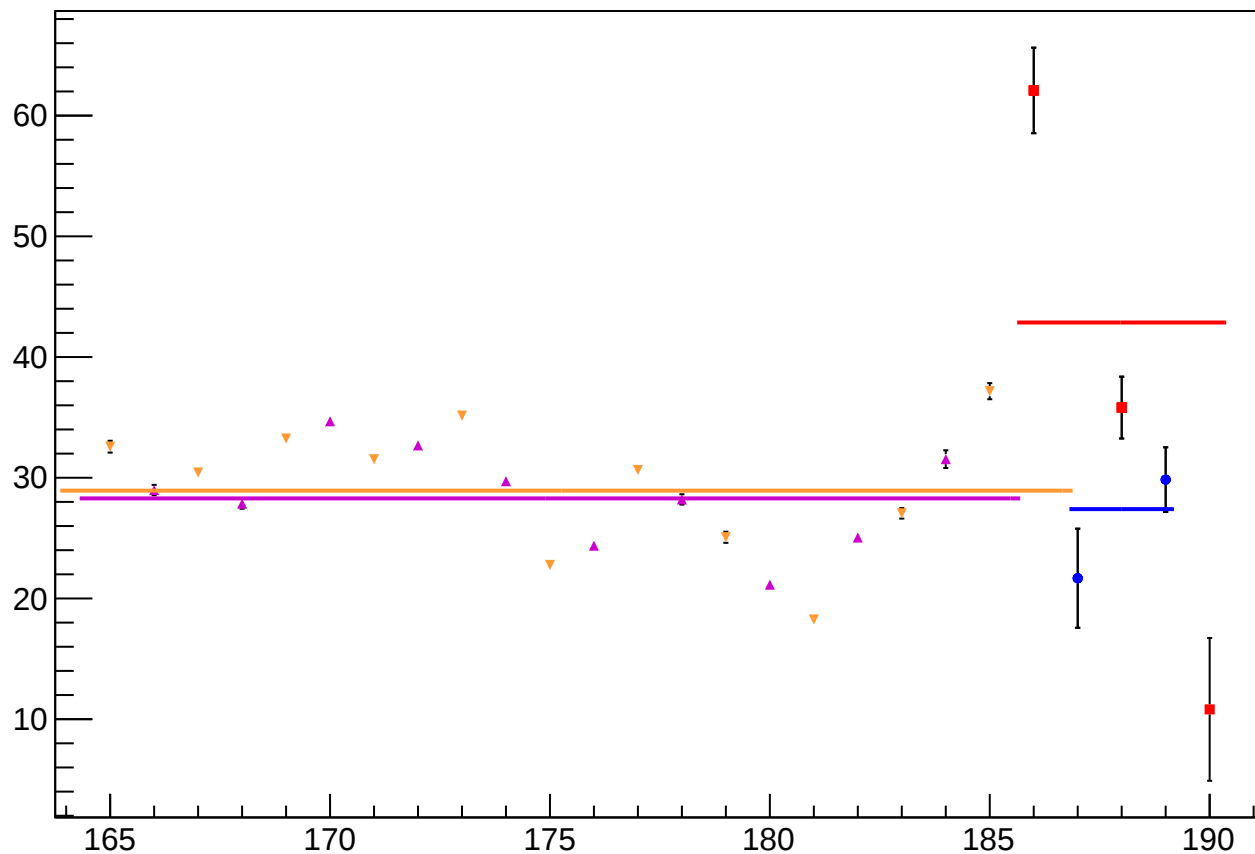
Left In: -24.802 $\pm$ 0.135 χ^2 /NDF: 4287.3/9

+ sign -27.155 $\pm$ 0.129 χ^2 /NDF: 10316.4/14

All: -27.716 $\pm$ 0.092 χ^2 /NDF: 26142.8/29

- sign -28.292 $\pm$ 0.131 χ^2 /NDF: 15788.2/14

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 27.402 $\pm$ 1.587 χ^2 /NDF: 5.5/3

Left Out: 28.932 $\pm$ 0.123 χ^2 /NDF: 1904.5/10

Right Out: 42.861 $\pm$ 1.425 χ^2 /NDF: 103.4/4

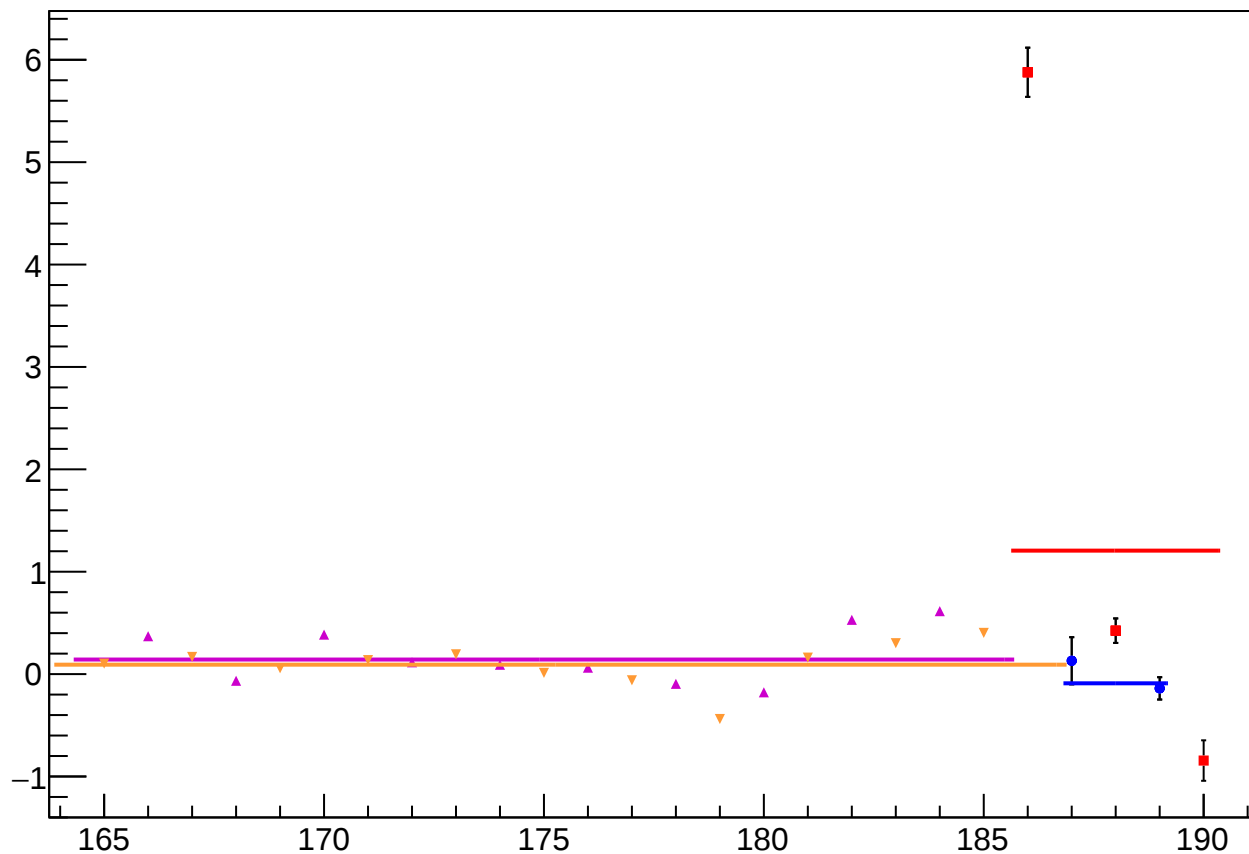
Left In: 28.289 $\pm$ 0.128 χ^2 /NDF: 1033.1/9

+ sign 28.923 $\pm$ 0.123 χ^2 /NDF: 1911.0/14

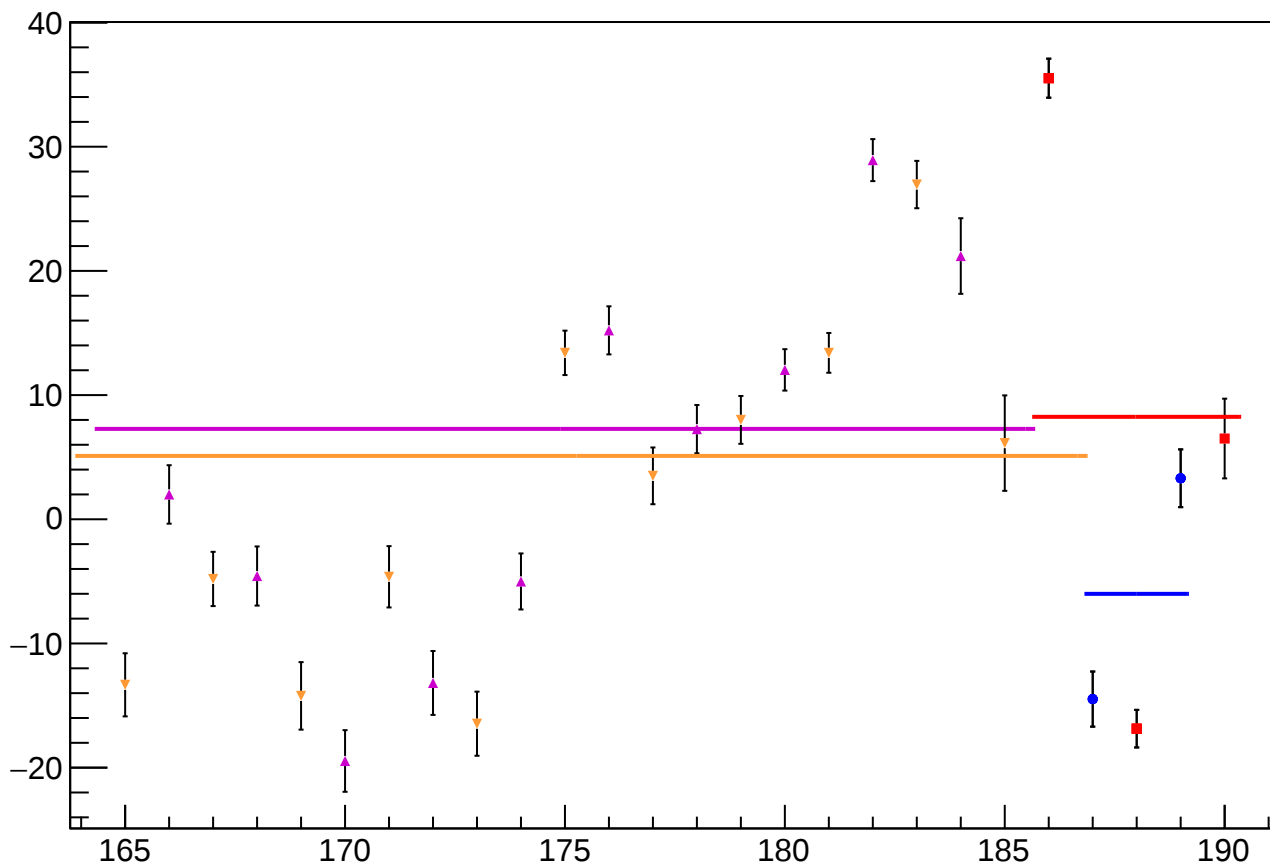
All: 28.673 $\pm$ 0.088 χ^2 /NDF: 3159.8/29

- sign 28.405 $\pm$ 0.127 χ^2 /NDF: 1240.3/14

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -6.004 ± 1.136 χ^2/NDF : 61.2/3

Left Out: 5.103 ± 0.657 χ^2/NDF : 391.5/10

Right Out: 8.251 ± 0.750 χ^2/NDF : 1152.8/4

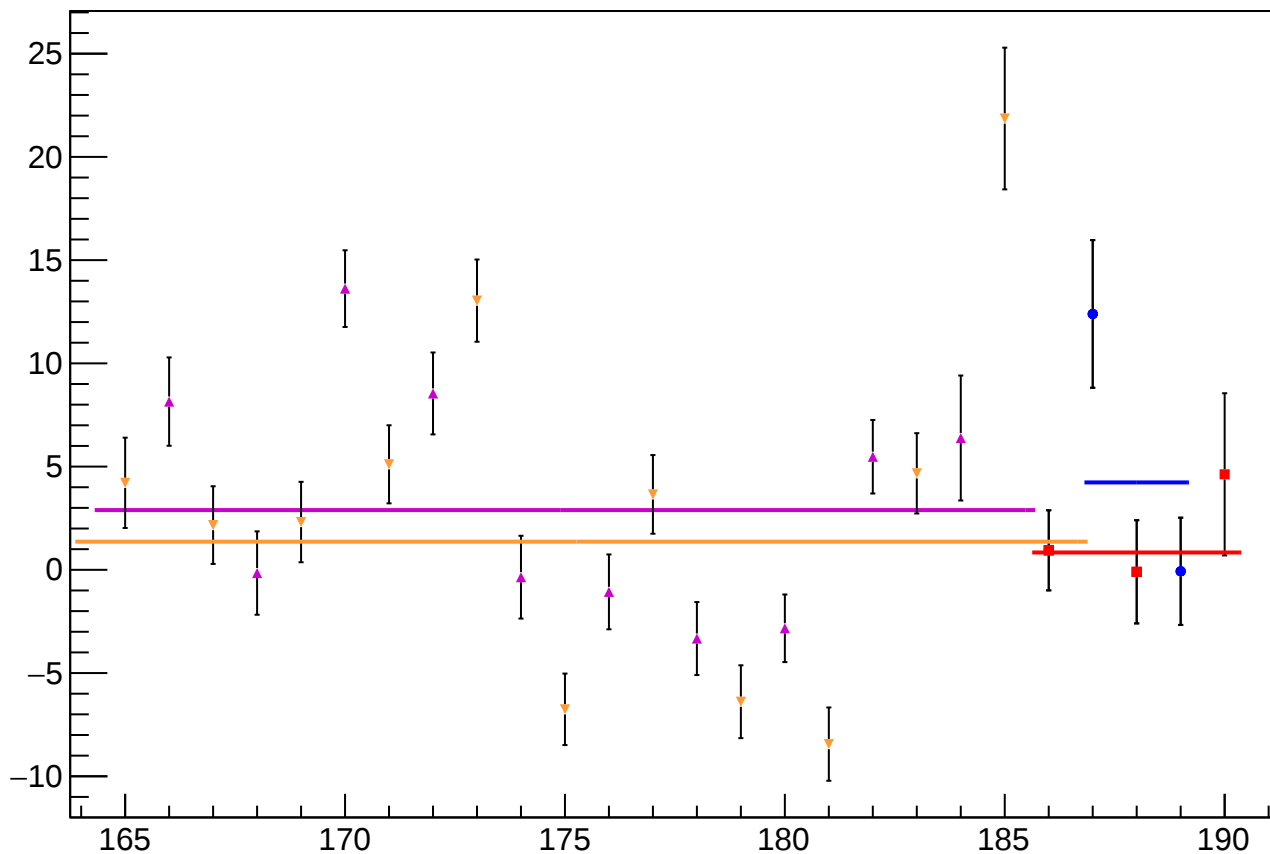
Left In: 7.279 ± 0.672 χ^2/NDF : 448.3/9

+ sign 2.320 ± 0.568 χ^2/NDF : 524.4/14

All: 5.358 ± 0.376 χ^2/NDF : 2177.1/29

- sign 7.712 ± 0.500 χ^2/NDF : 1602.0/14

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 4.233 $\pm$ 1.486 χ^2 /NDF: 15.9/3

Left Out: 1.364 $\pm$ 0.589 χ^2 /NDF:152.2/10

Right Out: 0.840 $\pm$ 1.044 χ^2 /NDF: 1.2/4

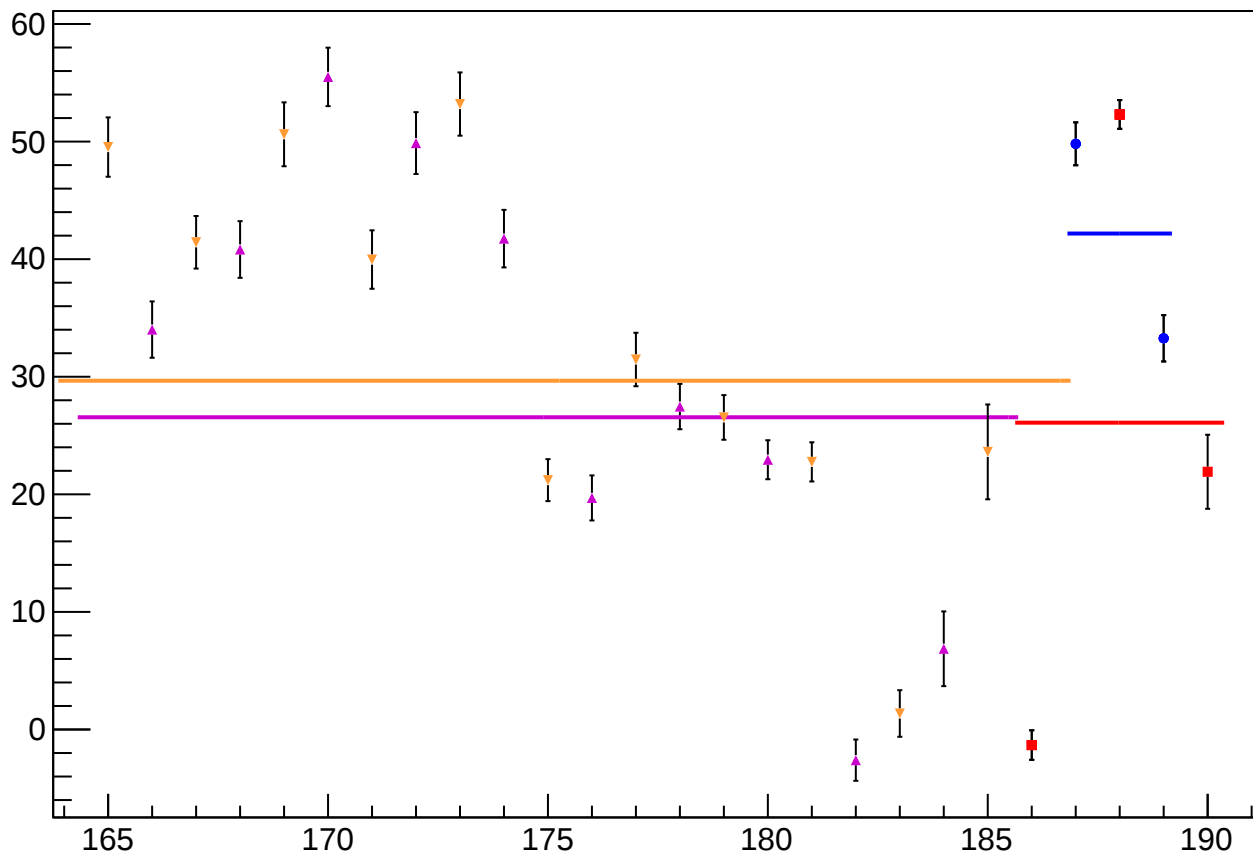
Left In: 2.893 $\pm$ 0.611 χ^2 /NDF:85.2/9

+ sign 1.753 $\pm$ 0.547 χ^2 /NDF: 171.3/14

All: 2.073 $\pm$ 0.380 χ^2 /NDF: 261.3/29

- sign 2.370 $\pm$ 0.527 χ^2 /NDF: 89.3/14

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 42.180 $\pm$ 0.946 χ^2/NDF : 75.9/3

Left Out: 29.661 $\pm$ 0.666 χ^2/NDF : 492.1/10

Right Out: 26.094 $\pm$ 0.608 χ^2/NDF : 1873.9/4

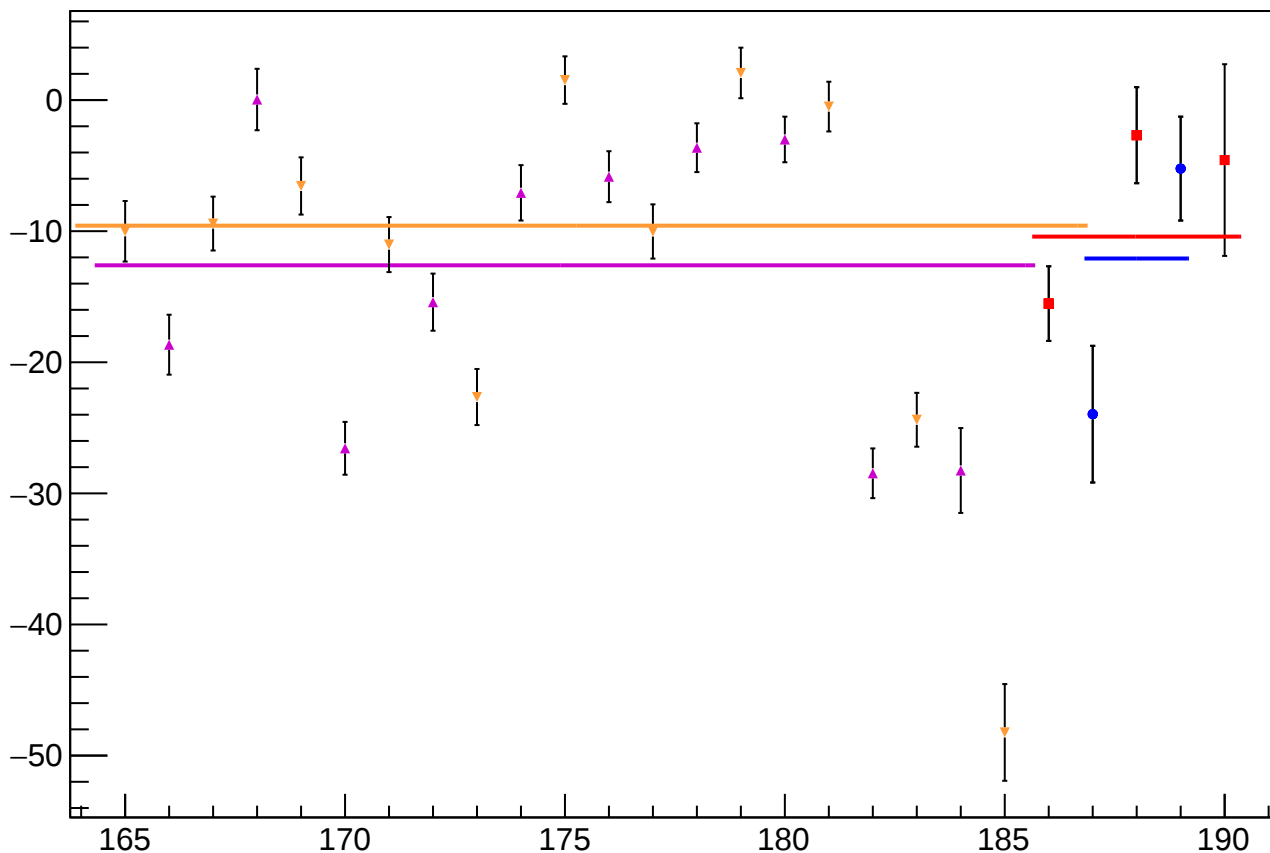
Left In: 26.555 $\pm$ 0.682 χ^2/NDF : 629.6/9

+ sign 33.809 $\pm$ 0.545 χ^2/NDF : 685.1/14

All: 29.376 $\pm$ 0.349 χ^2/NDF : 3301.0/29

- sign 26.298 $\pm$ 0.454 χ^2/NDF : 2503.8/14

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -12.085 ± 2.230 χ^2/NDF : 16.4/3

Left Out: -9.578 ± 0.636 χ^2/NDF : 298.5/10

Right Out: -10.414 ± 1.553 χ^2/NDF : 16.0/4

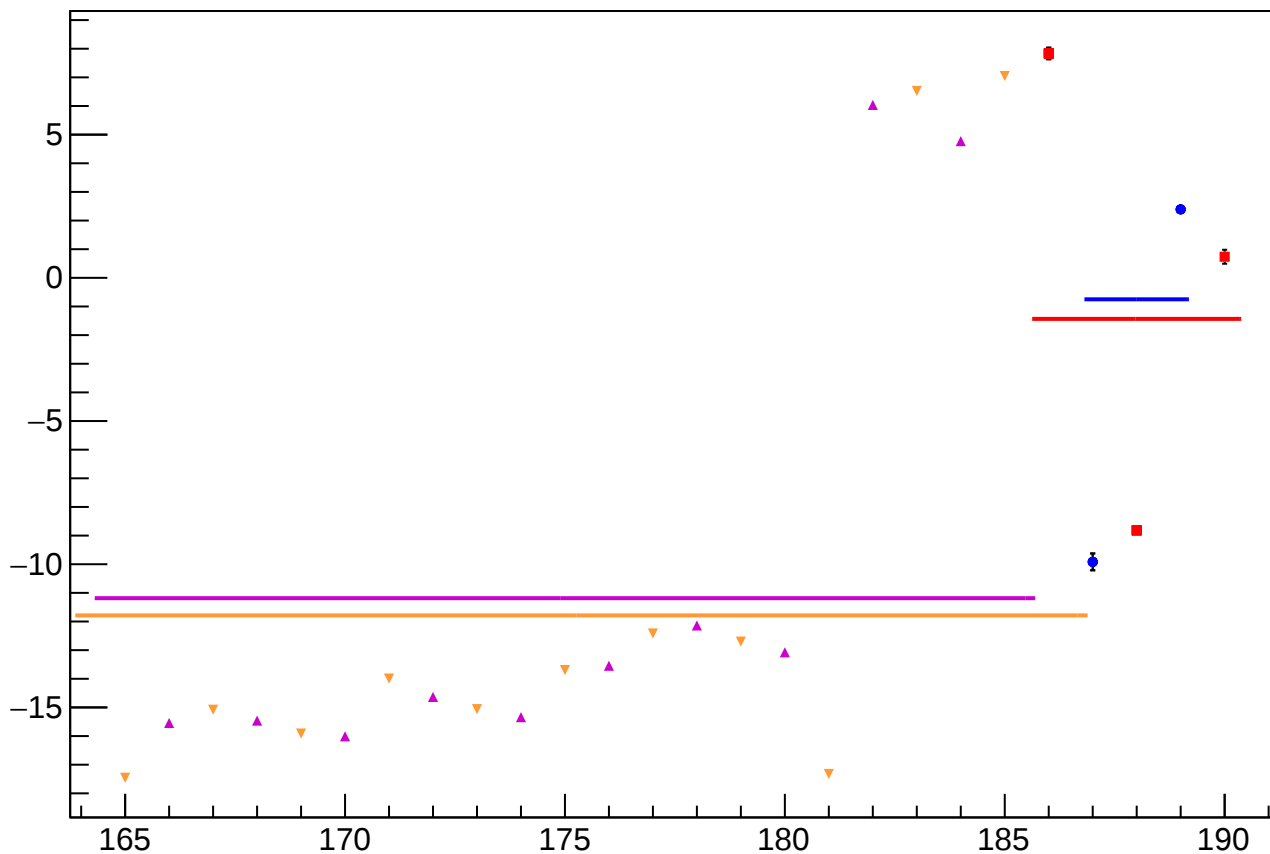
Left In: -12.604 ± 0.658 χ^2/NDF : 251.8/9

+ sign -9.767 ± 0.611 χ^2/NDF : 316.0/14

All: -11.031 ± 0.430 χ^2/NDF : 594.0/29

- sign -12.271 ± 0.606 χ^2/NDF : 269.5/14

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -0.749 ± 0.105 χ^2/NDF : 2605.8/3

Left Out: -11.787 ± 0.028 χ^2/NDF : 70342.8/10

Right Out: -1.433 ± 0.087 χ^2/NDF : 7891.6/4

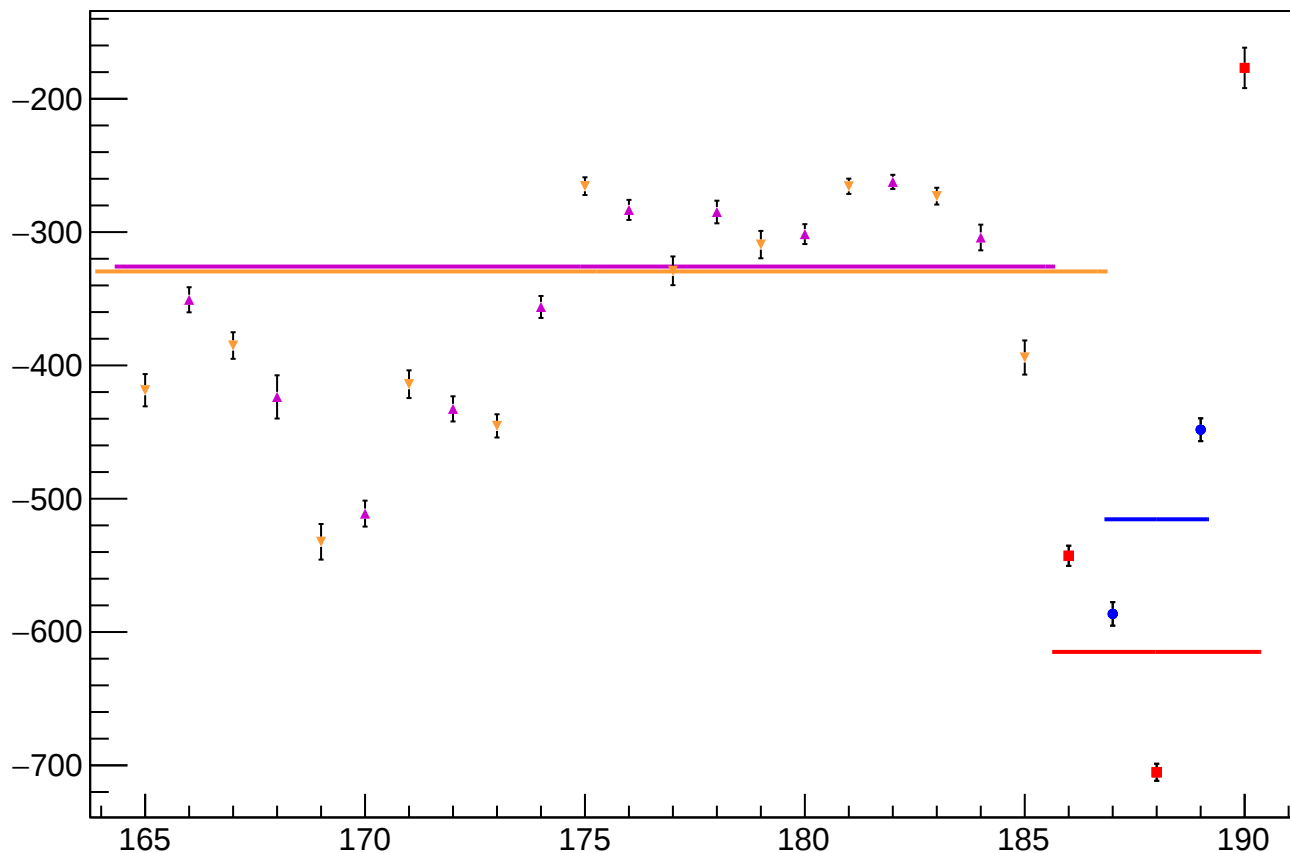
Left In: -11.186 ± 0.029 χ^2/NDF : 65007.5/9

+ sign -11.037 ± 0.027 χ^2/NDF : 83228.9/14

All: -10.624 ± 0.019 χ^2/NDF : 167873.2/29

- sign -10.201 ± 0.028 χ^2/NDF : 84182.9/14

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -515.432 ± 4.348 χ^2/NDF : 252.3/3

Left Out: -329.523 ± 2.605 χ^2/NDF : 885.1/10

Right Out: -614.908 ± 3.362 χ^2/NDF : 1416.9/4

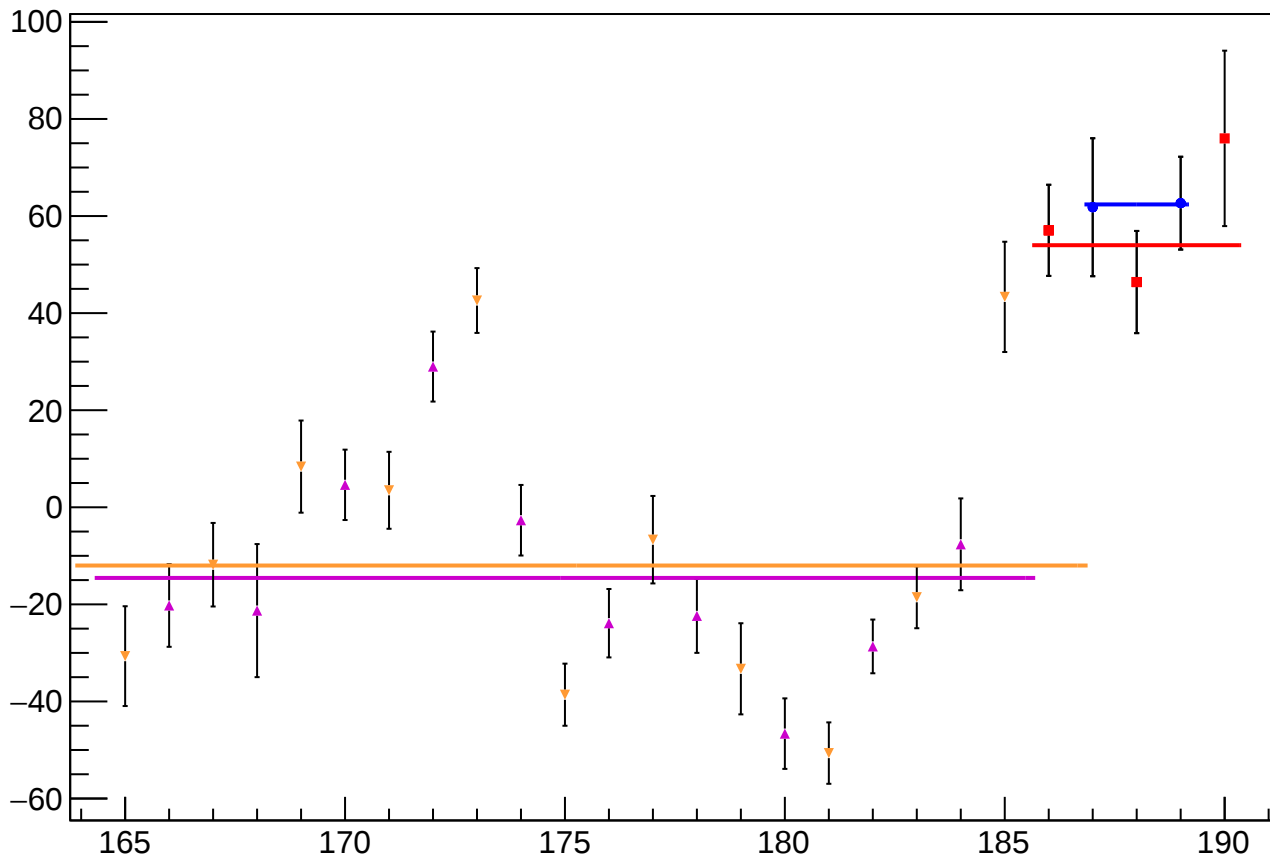
Left In: -325.841 ± 2.603 χ^2/NDF : 762.4/9

+ sign -378.646 ± 2.235 χ^2/NDF : 2482.7/14

All: -408.685 ± 1.514 χ^2/NDF : 9617.8/29

- sign -434.162 ± 2.058 χ^2/NDF : 6801.2/14

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 62.394 $\pm$ 5.610 χ^2 /NDF: 0.0/3

Left Out: -11.997 $\pm$ 2.372 χ^2 /NDF:163.5/10

Right Out: 53.994 $\pm$ 4.778 χ^2 /NDF: 2.7/4

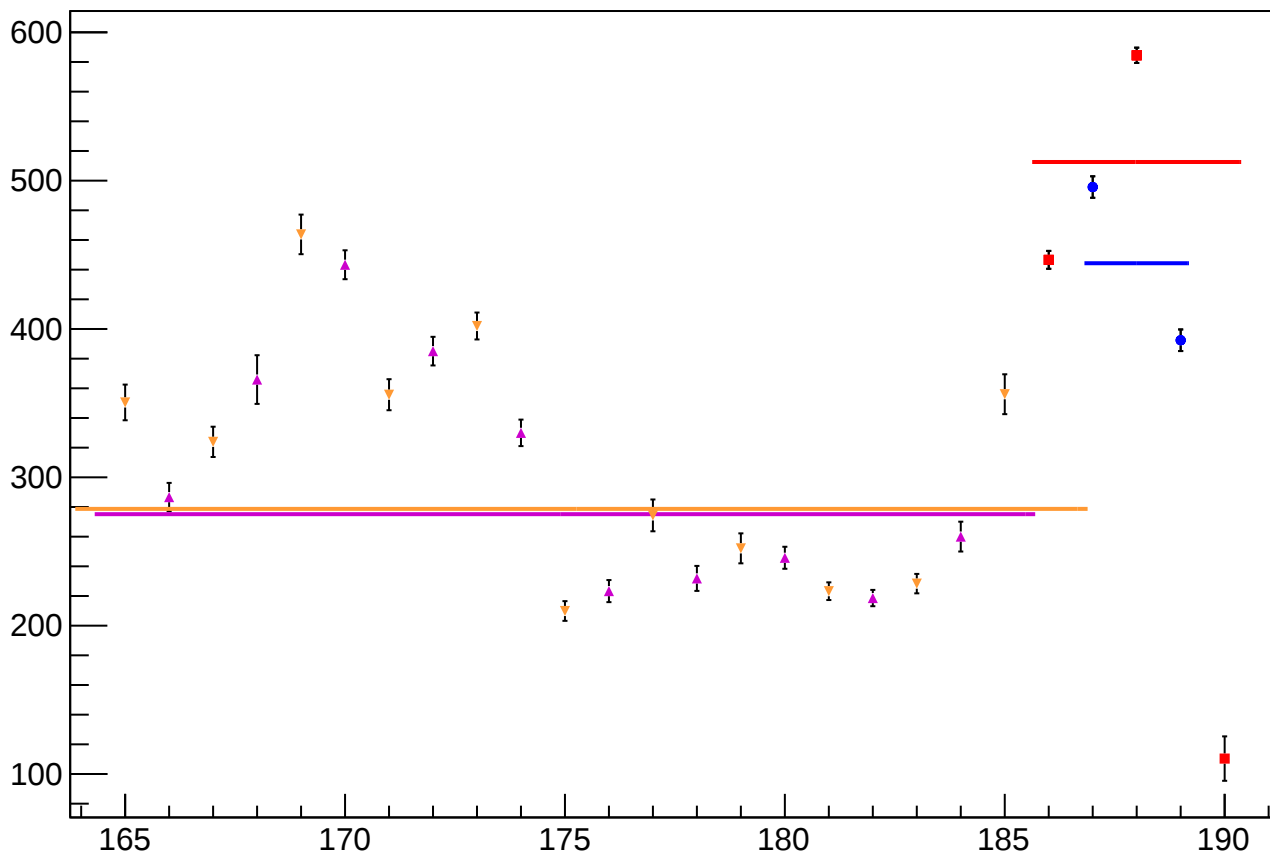
Left In: -14.554 $\pm$ 2.381 χ^2 /NDF:76.2/9

+ sign -0.714 $\pm$ 2.185 χ^2 /NDF: 312.7/14

All: -0.819 $\pm$ 1.525 χ^2 /NDF: 556.5/29

- sign -0.920 $\pm$ 2.131 χ^2 /NDF: 243.8/14

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 444.329 $\pm$ 3.632 χ^2/NDF : 202.1/3

Left Out: 278.728 $\pm$ 2.658 χ^2/NDF : 779.6/10

Right Out: 512.579 $\pm$ 2.725 χ^2/NDF : 1349.4/4

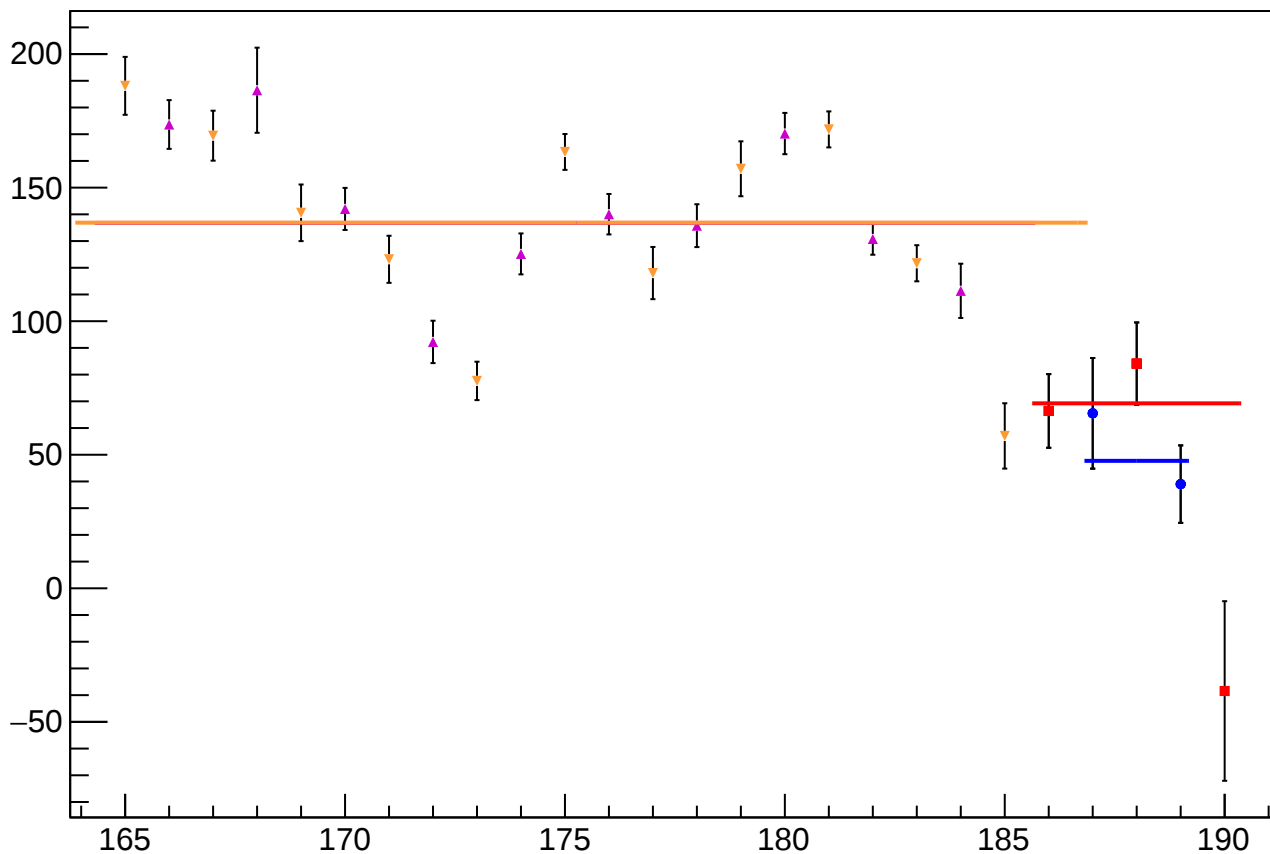
Left In: 275.159 $\pm$ 2.656 χ^2/NDF : 695.9/9

+ sign 336.474 $\pm$ 2.145 χ^2/NDF : 2335.6/14

All: 366.896 $\pm$ 1.423 χ^2/NDF : 8631.9/29

- sign 390.828 $\pm$ 1.902 χ^2/NDF : 5936.8/14

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 47.719 $\pm$ 8.401 χ^2/NDF : 2.2/3

Left Out: 136.889 $\pm$ 2.550 χ^2/NDF : 202.6/10

Right Out: 69.244 $\pm$ 7.102 χ^2/NDF : 12.2/4

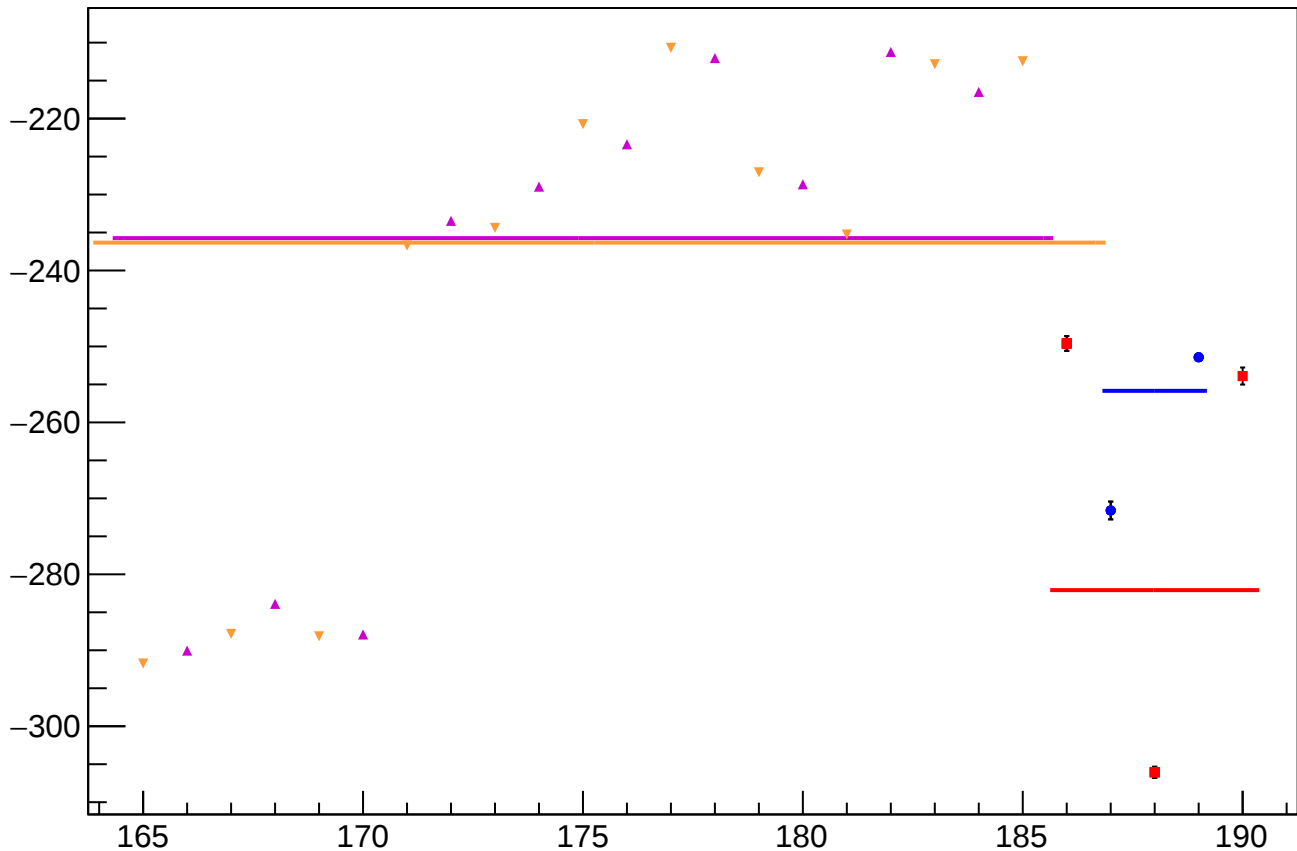
Left In: 136.785 $\pm$ 2.555 χ^2/NDF : 86.5/9

+ sign 129.365 $\pm$ 2.440 χ^2/NDF : 307.9/14

All: 129.202 $\pm$ 1.713 χ^2/NDF : 486.8/29

- sign 129.043 $\pm$ 2.405 χ^2/NDF : 178.8/14

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -255.842 $\pm$ 0.386 χ^2 /NDF: 465.9/3

Left Out: -236.329 $\pm$ 0.115 χ^2 /NDF: 53646.9/10

Right Out: -282.080 $\pm$ 0.386 χ^2 /NDF: 5046.3/4

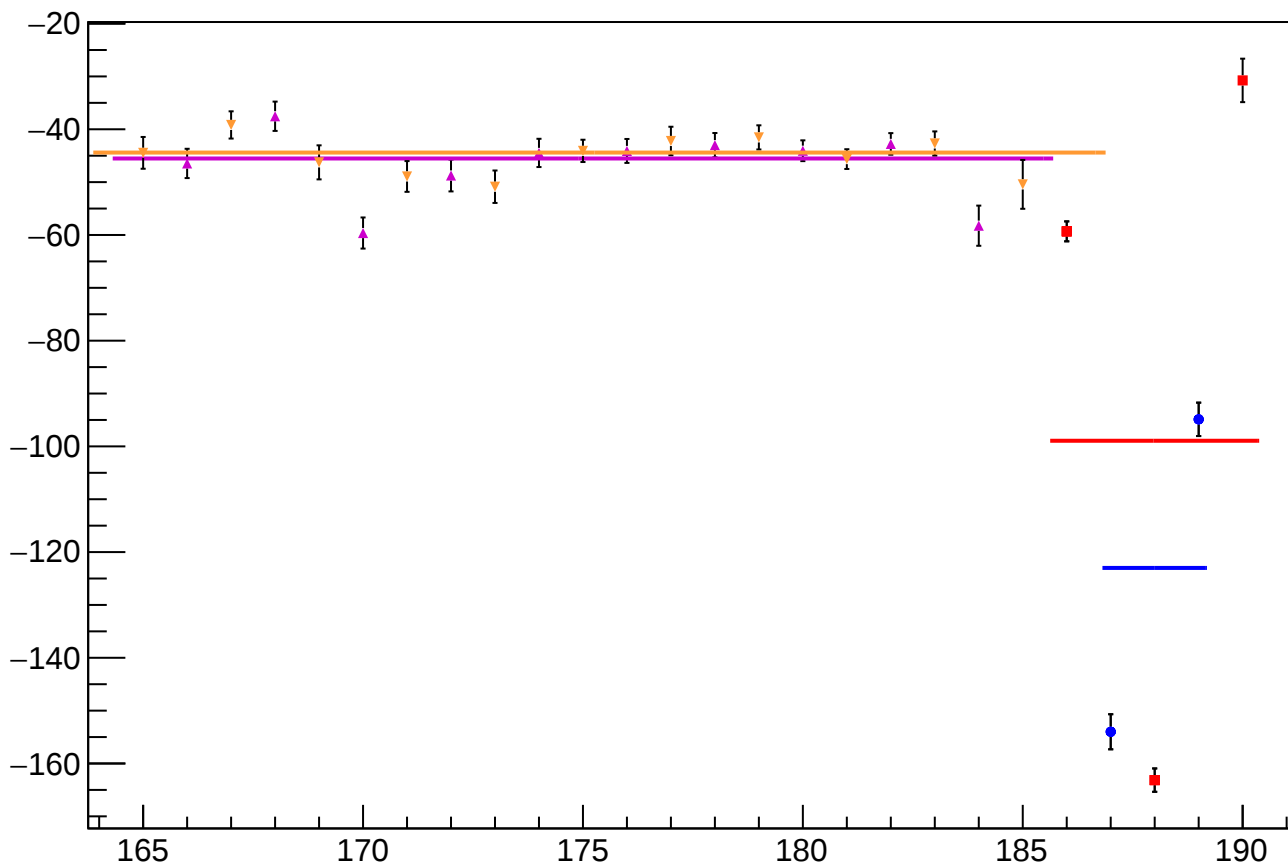
Left In: -235.739 $\pm$ 0.115 χ^2 /NDF: 59553.5/9

+ sign -237.911 $\pm$ 0.110 χ^2 /NDF: 56456.5/14

All: -238.716 $\pm$ 0.078 χ^2 /NDF: 134389.9/29

- sign -239.526 $\pm$ 0.110 χ^2 /NDF: 77826.1/14

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -122.997 $\pm$ 1.618 χ^2 /NDF: 332.9/3

Left Out: -44.405 $\pm$ 0.776 χ^2 /NDF: 16.3/10

Right Out: -98.936 $\pm$ 0.985 χ^2 /NDF: 2846.9/4

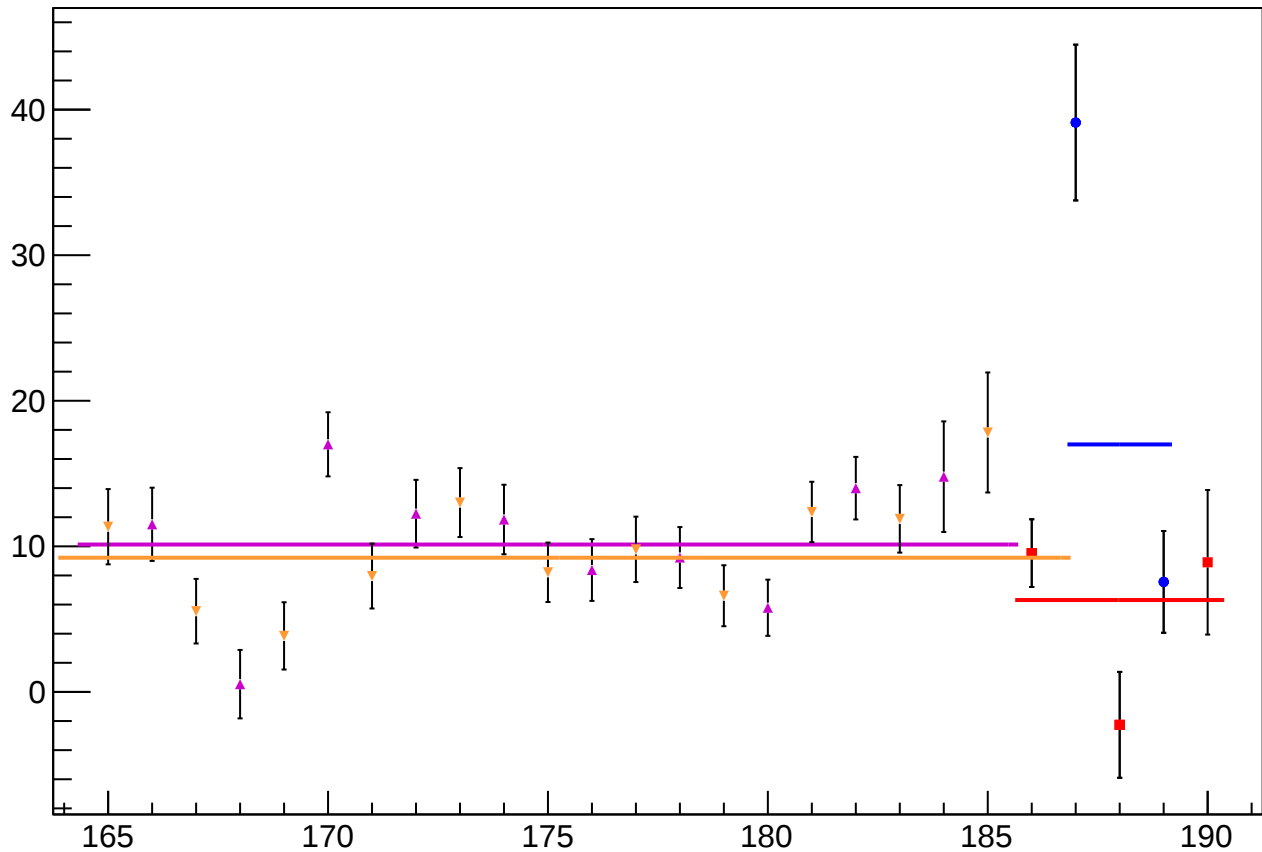
Left In: -45.528 $\pm$ 0.796 χ^2 /NDF: 47.9/9

+ sign -59.094 $\pm$ 0.699 χ^2 /NDF: 2267.6/14

All: -63.320 $\pm$ 0.464 χ^2 /NDF: 7006.7/29

- sign -66.630 $\pm$ 0.619 χ^2 /NDF: 4674.0/14

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 17.001 $\pm$ 2.069 χ^2 /NDF: 48.8/3

Left Out: 9.219 $\pm$ 0.696 χ^2 /NDF: 21.5/10

Right Out: 6.312 $\pm$ 1.335 χ^2 /NDF: 15.2/4

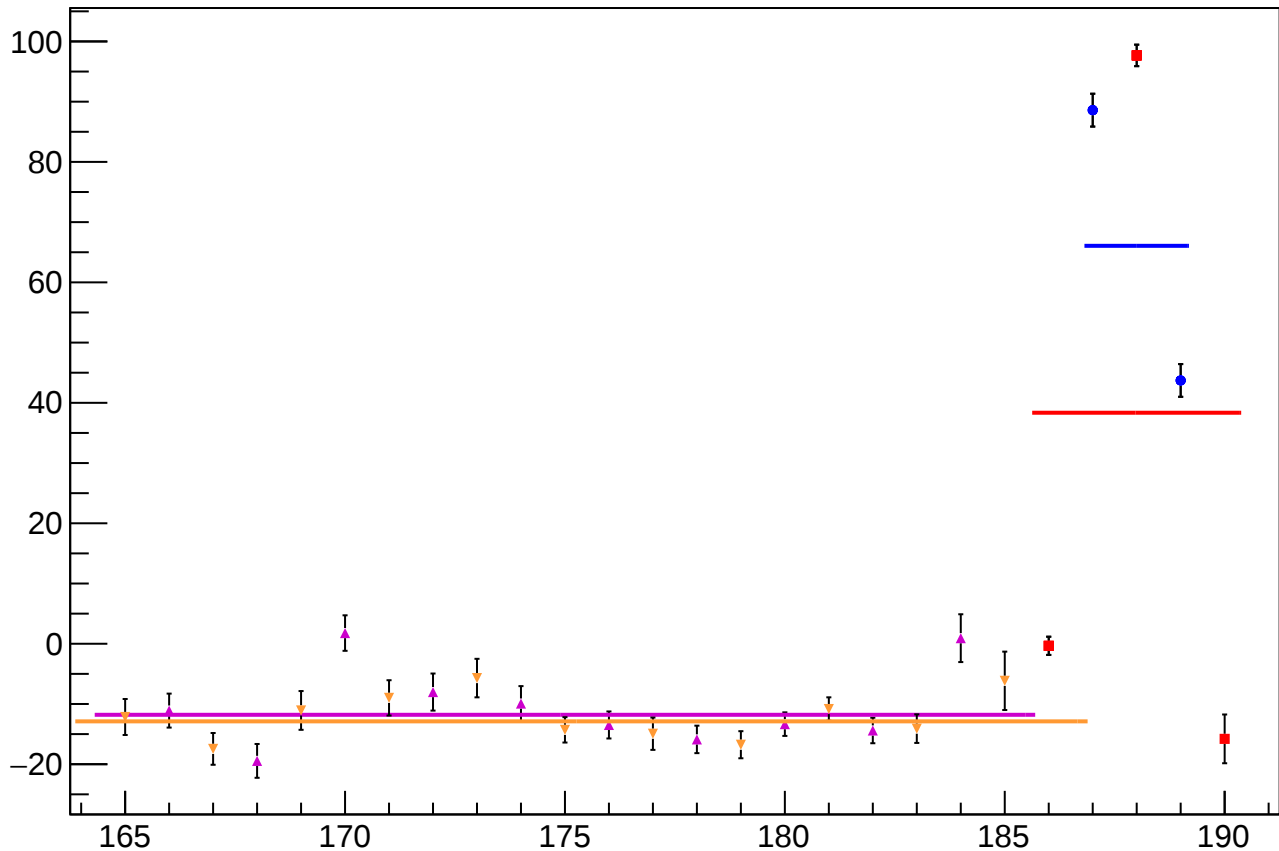
Left In: 10.125 $\pm$ 0.723 χ^2 /NDF: 38.7/9

+ sign 10.010 $\pm$ 0.660 χ^2 /NDF: 83.0/14

All: 9.621 $\pm$ 0.458 χ^2 /NDF: 144.0/29

- sign 9.259 $\pm$ 0.636 χ^2 /NDF: 60.3/14

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 66.067 $\pm$ 1.361 χ^2/NDF : 271.9/3

Left Out: -12.885 $\pm$ 0.787 χ^2/NDF : 17.5/10

Right Out: 38.355 $\pm$ 0.799 χ^2/NDF : 3702.2/4

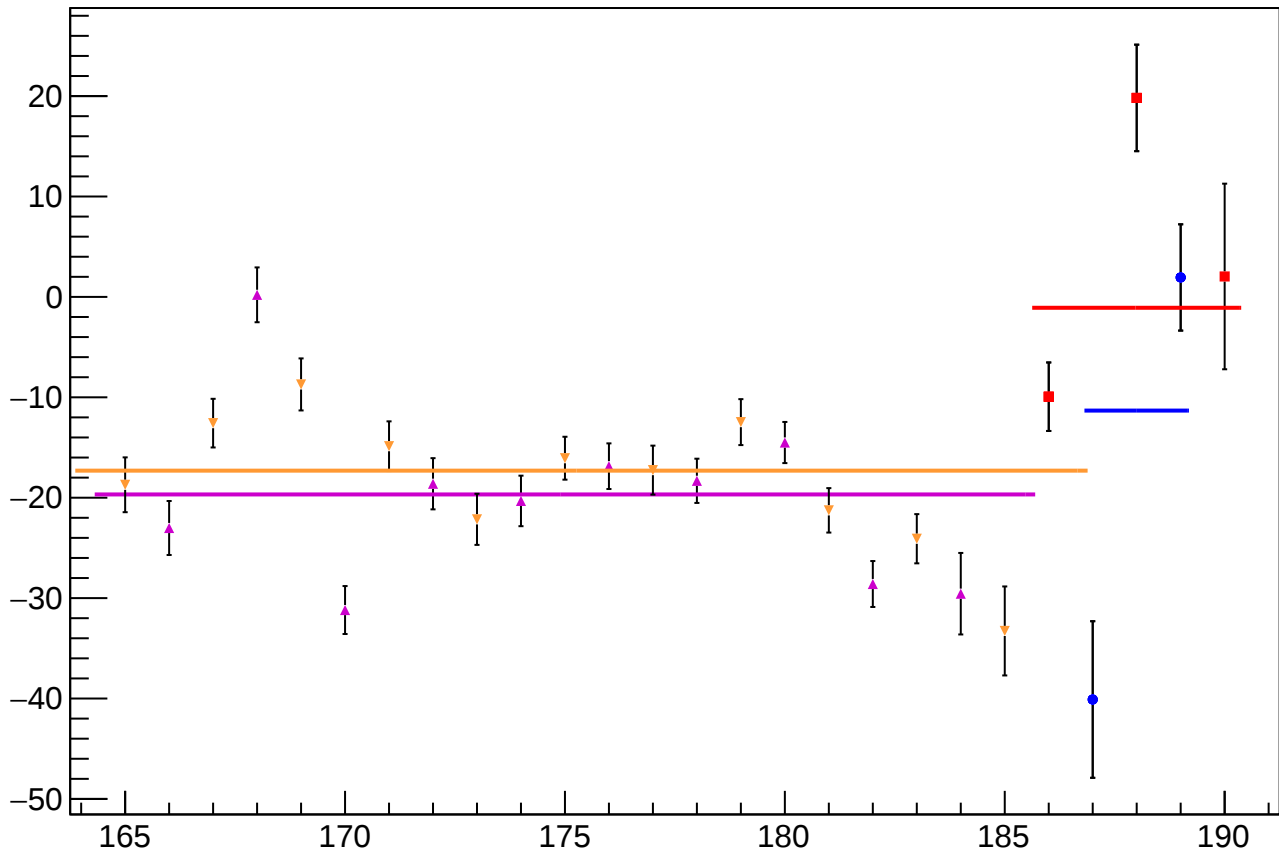
Left In: -11.796 $\pm$ 0.808 χ^2/NDF : 46.8/9

+ sign 6.907 $\pm$ 0.681 χ^2/NDF : 2812.5/14

All: 10.830 $\pm$ 0.436 χ^2/NDF : 8565.4/29

- sign 13.559 $\pm$ 0.568 χ^2/NDF : 5696.7/14

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -11.322 $\pm$ 3.097 χ^2 /NDF: 39.8/3

Left Out: -17.304 $\pm$ 0.751 χ^2 /NDF: 48.3/10

Right Out: -1.083 $\pm$ 1.982 χ^2 /NDF: 44.7/4

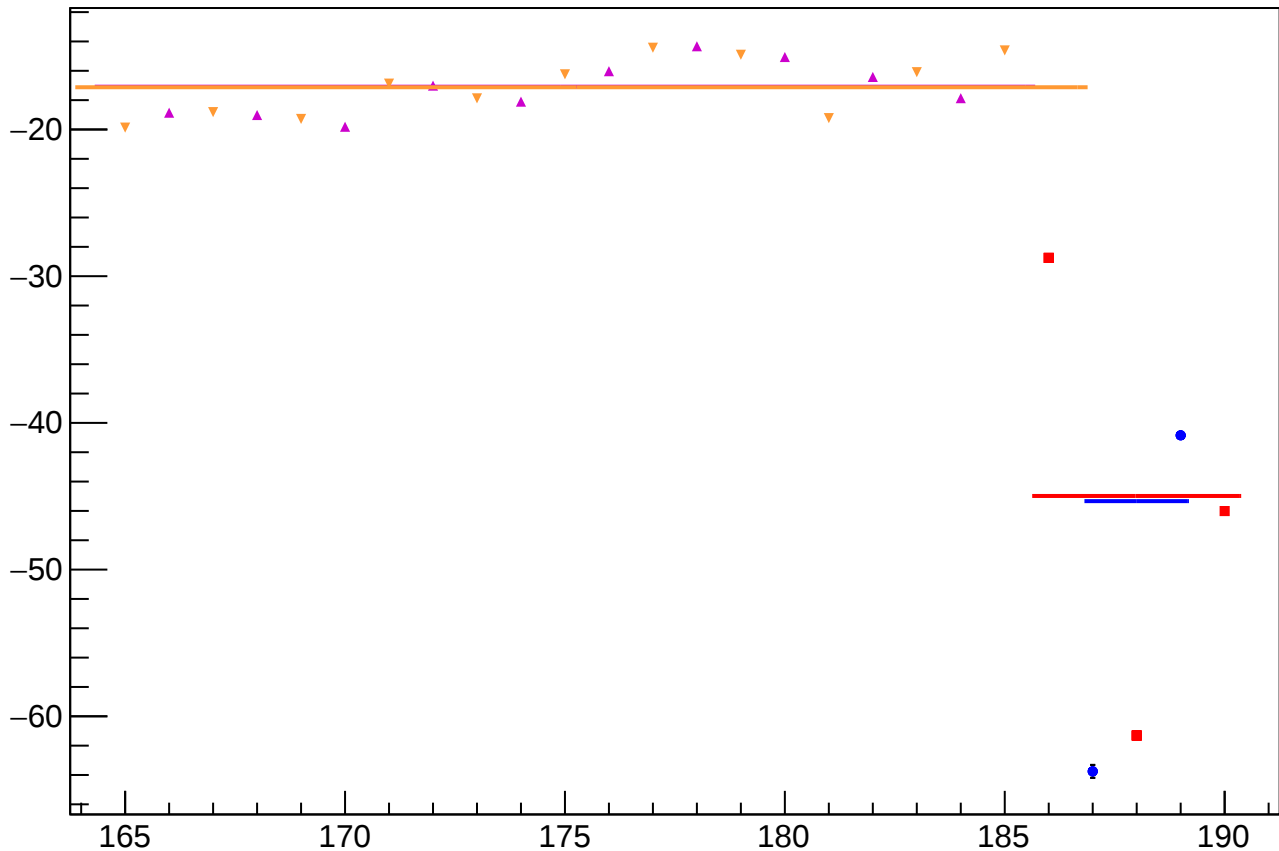
Left In: -19.674 $\pm$ 0.779 χ^2 /NDF: 107.5/9

+ sign -16.972 $\pm$ 0.730 χ^2 /NDF: 91.6/14

All: -17.080 $\pm$ 0.514 χ^2 /NDF: 320.0/29

- sign -17.187 $\pm$ 0.725 χ^2 /NDF: 228.4/14

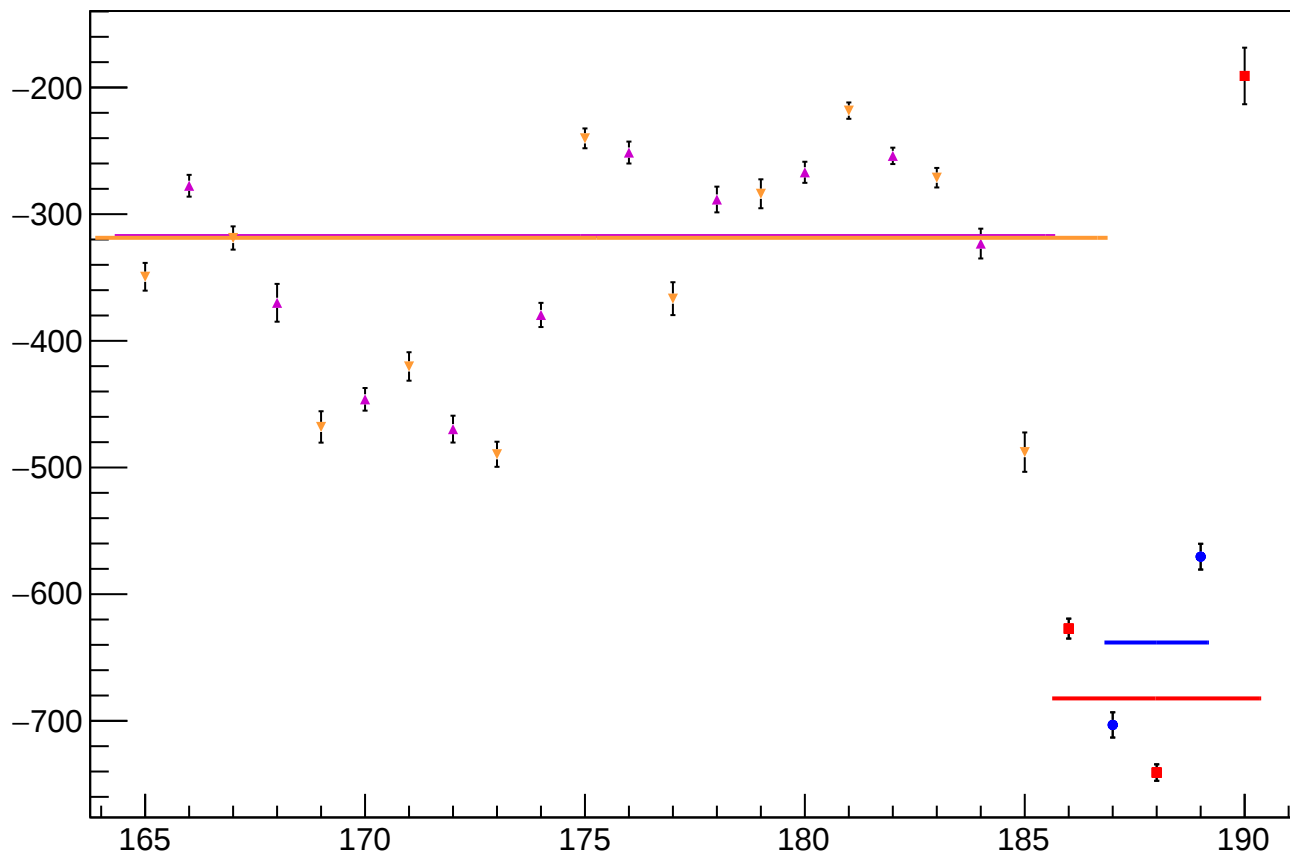
reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -45.333 ± 0.137 $\chi^2/\text{NDF}: 4377.1/3$
 Left Out: -17.121 ± 0.034 $\chi^2/\text{NDF}: 3067.6/10$
 Right Out: -44.981 ± 0.113 $\chi^2/\text{NDF}: 17820.9/4$
 Left In: -17.084 ± 0.034 $\chi^2/\text{NDF}: 2543.3/9$

+ sign -18.707 ± 0.033 $\chi^2/\text{NDF}: 47247.2/14$
 All: -19.071 ± 0.023 $\chi^2/\text{NDF}: 123212.0/29$
 - sign -19.445 ± 0.033 $\chi^2/\text{NDF}: 75711.1/14$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -638.143+/-5.032 χ^2/NDF : 174.1/3

Left Out: -318.671+/-2.890 χ^2/NDF : 1054.5/10

Right Out: -682.285+/-3.499 χ^2/NDF : 744.9/4

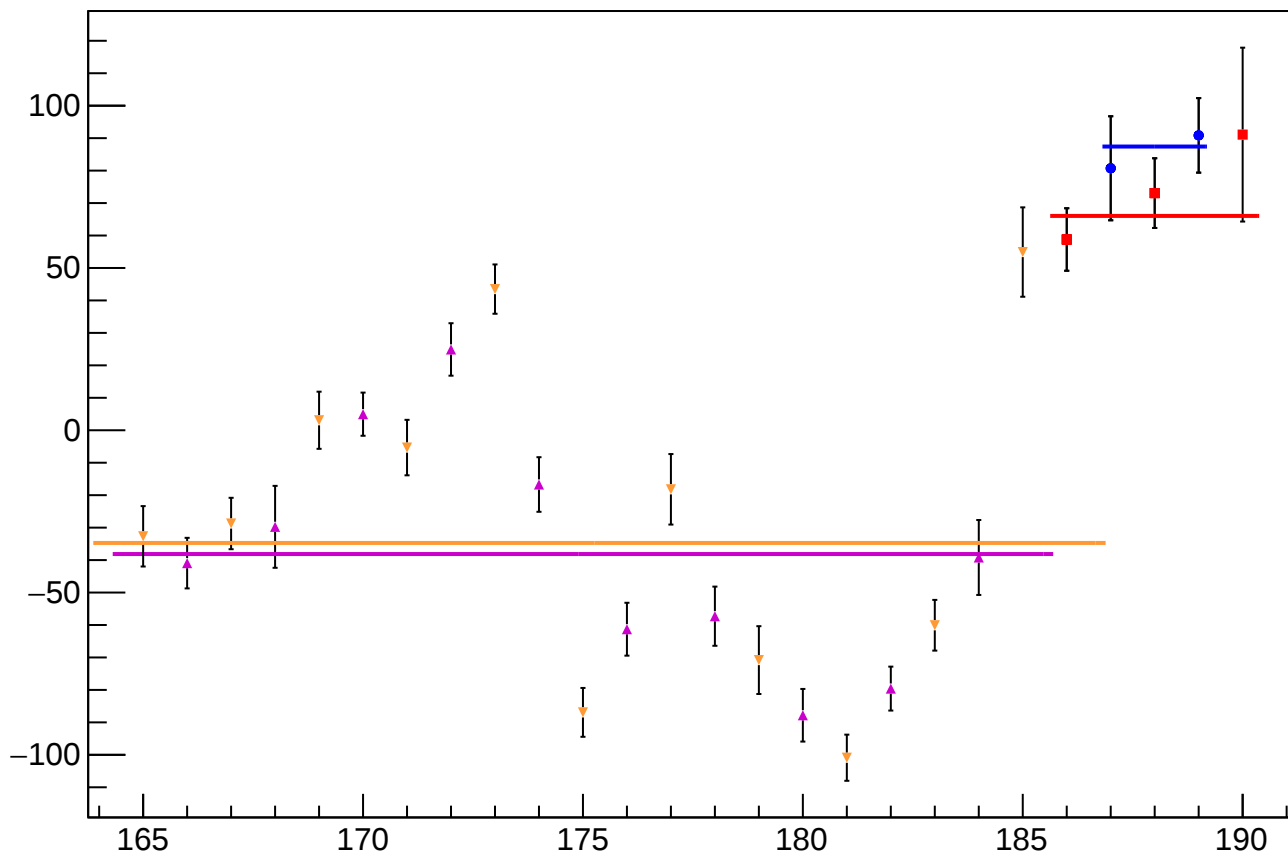
Left In: -317.288+/-2.899 χ^2/NDF : 690.0/9

+ sign -397.884+/-2.506 χ^2/NDF : 4259.4/14

All: -435.774+/-1.667 χ^2/NDF : 12556.5/29

- sign -465.842+/-2.232 χ^2/NDF : 7887.1/14

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 87.416 $\pm$ 6.600 χ^2 /NDF: 0.5/3

Left Out: -34.715 $\pm$ 2.598 χ^2 /NDF: 338.8/10

Right Out: 66.041 $\pm$ 4.981 χ^2 /NDF: 2.9/4

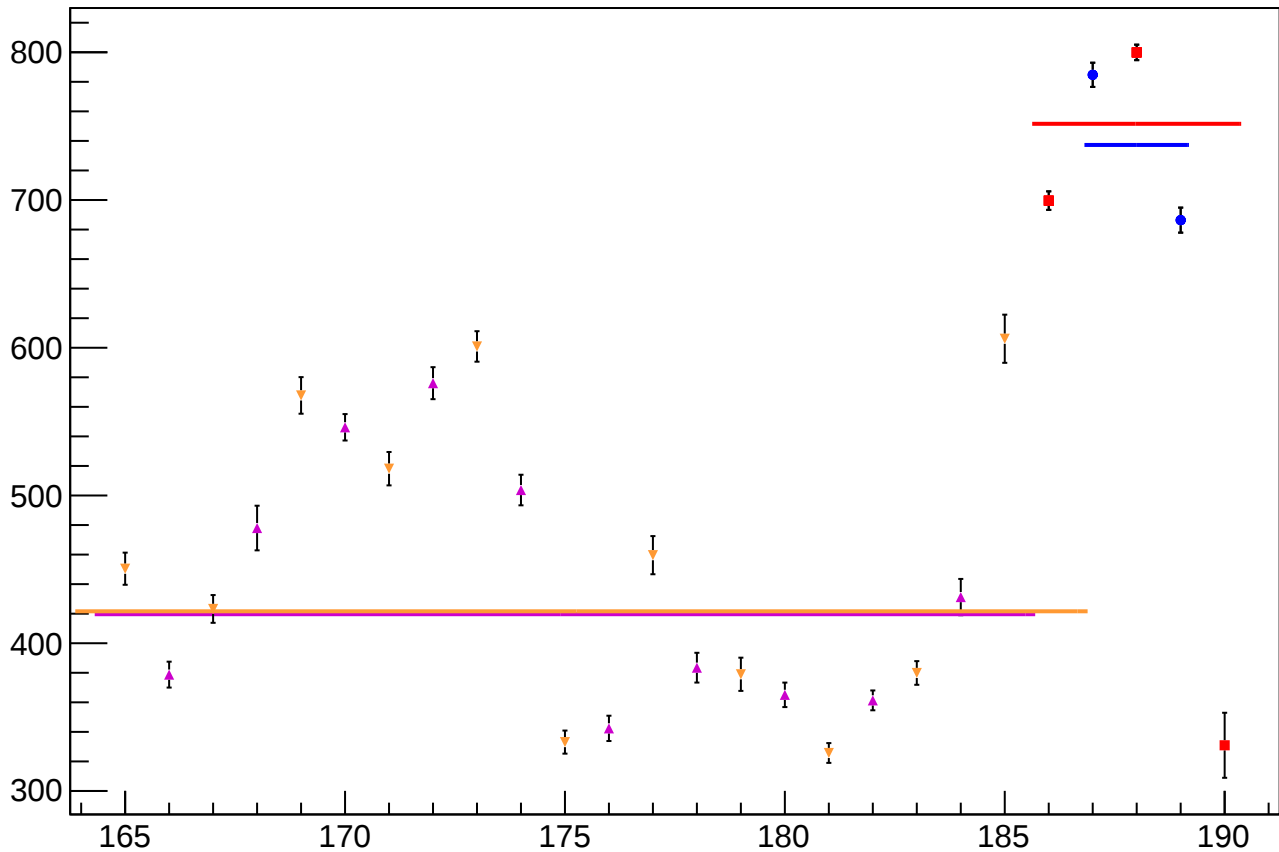
Left In: -38.135 $\pm$ 2.613 χ^2 /NDF: 197.4/9

+ sign -18.329 $\pm$ 2.417 χ^2 /NDF: 635.8/14

All: -16.932 $\pm$ 1.672 χ^2 /NDF: 1179.8/29

- sign -15.651 $\pm$ 2.314 χ^2 /NDF: 543.4/14

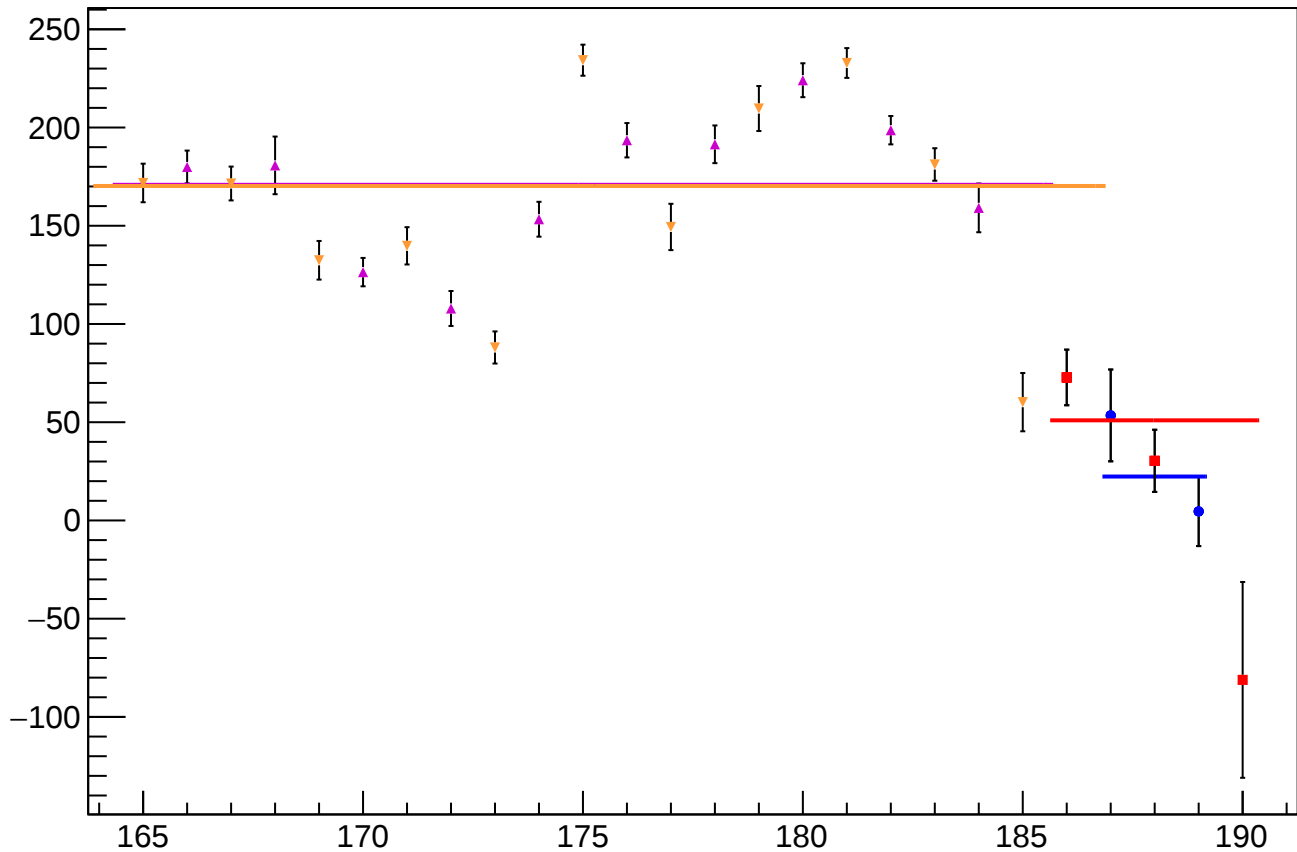
reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 737.270 +/- 4.162 χ^2/NDF : 139.4/3
 Left Out: 421.619 +/- 2.944 χ^2/NDF : 1032.2/10
 Right Out: 751.578 +/- 2.820 χ^2/NDF : 672.7/4
 Left In: 419.645 +/- 2.954 χ^2/NDF : 725.1/9

+ sign 526.857 +/- 2.403 χ^2/NDF : 5005.0/14
 All: 565.464 +/- 1.555 χ^2/NDF : 13452.5/29
 - sign 593.272 +/- 2.040 χ^2/NDF : 8003.6/14

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 22.351 ± 9.958 $\chi^2/\text{NDF}: 5.6/3$

Left Out: 170.241 ± 2.798 $\chi^2/\text{NDF}: 331.9/10$

Right Out: 50.960 ± 7.375 $\chi^2/\text{NDF}: 15.2/4$

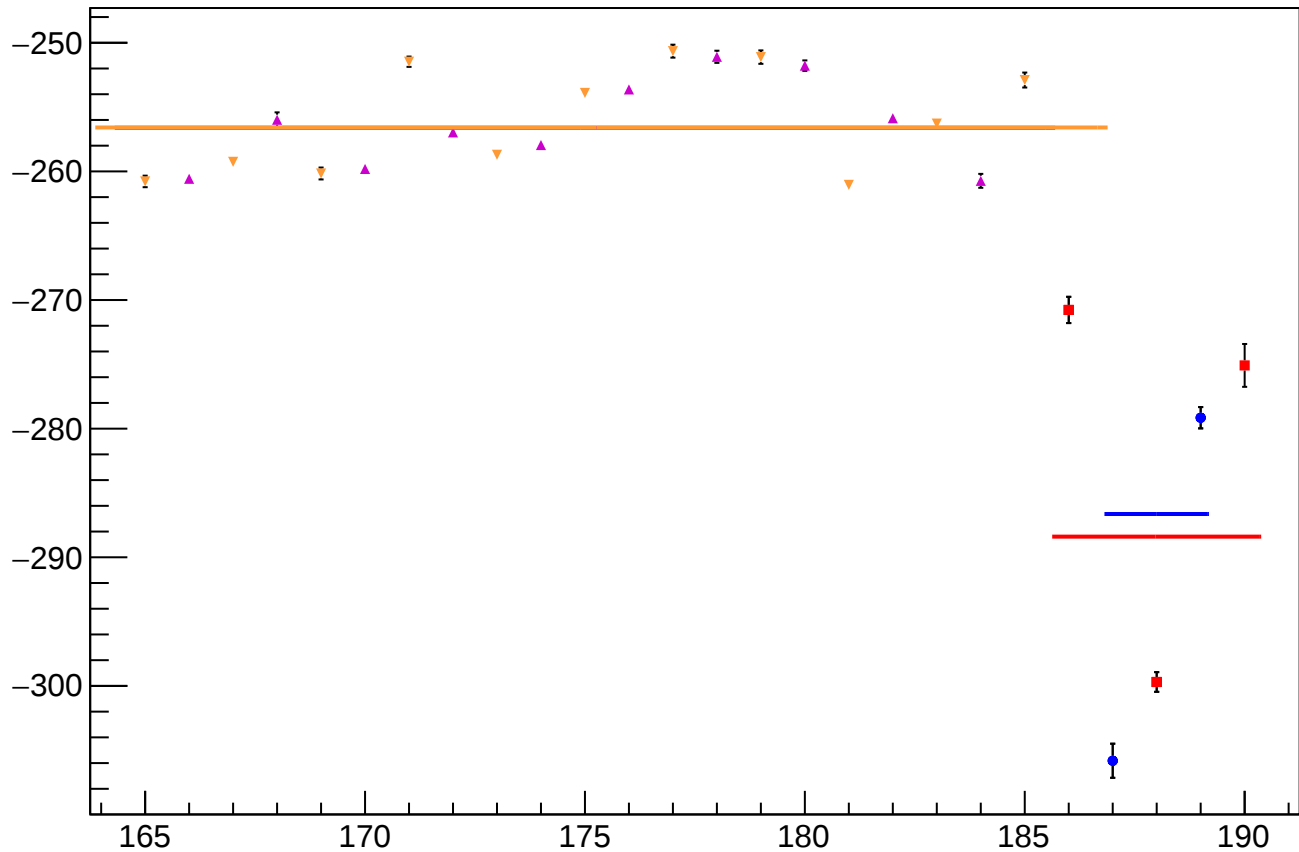
Left In: 170.839 ± 2.811 $\chi^2/\text{NDF}: 158.6/9$

+ sign 159.417 ± 2.694 $\chi^2/\text{NDF}: 541.9/14$

All: 157.478 ± 1.881 $\chi^2/\text{NDF}: 947.4/29$

- sign 155.634 ± 2.627 $\chi^2/\text{NDF}: 404.5/14$

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -286.635 $\pm$ 0.496 χ^2 /NDF: 582.6/3

Left Out: -256.586 $\pm$ 0.126 χ^2 /NDF: 889.6/10

Right Out: -288.394 $\pm$ 0.419 χ^2 /NDF: 1096.1/4

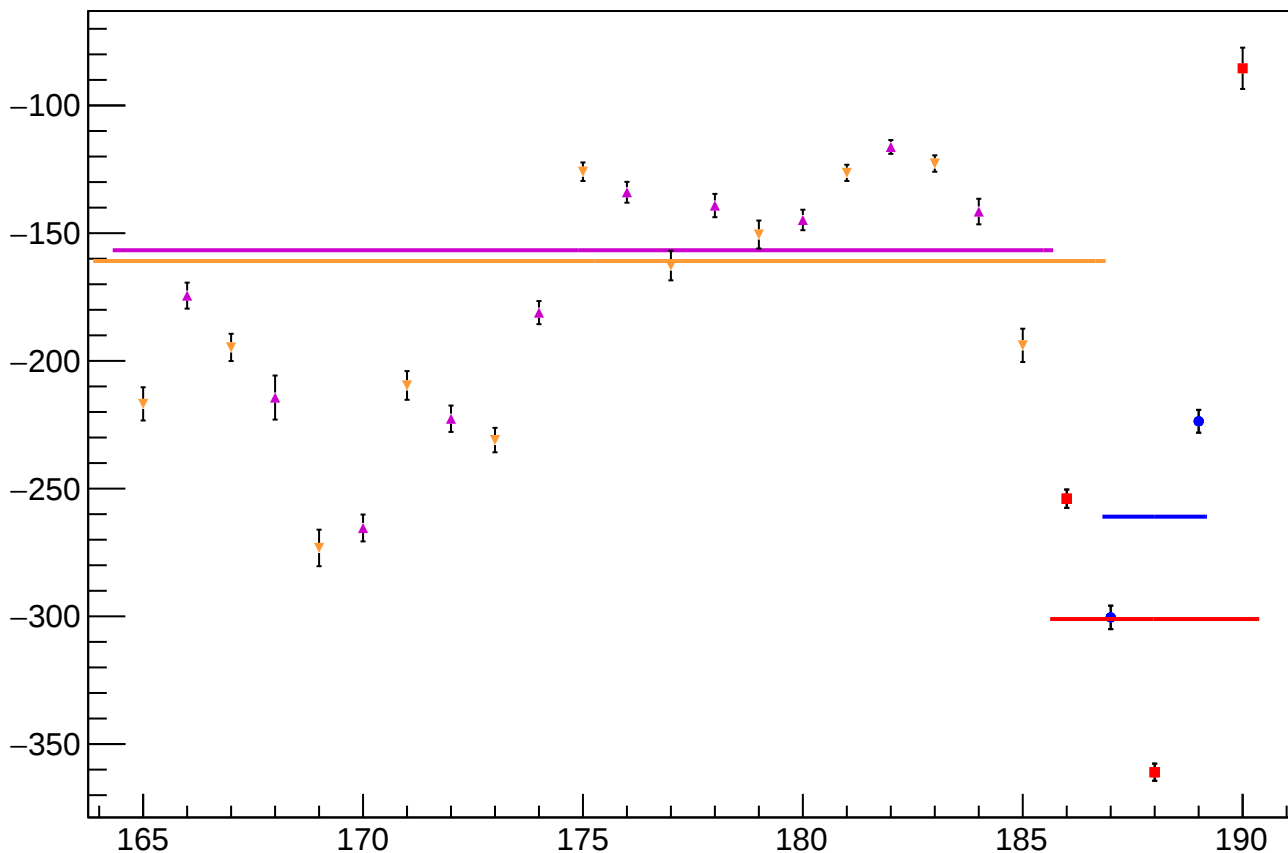
Left In: -256.610 $\pm$ 0.127 χ^2 /NDF: 611.4/9

+ sign -258.410 $\pm$ 0.122 χ^2 /NDF: 4913.3/14

All: -258.843 $\pm$ 0.086 χ^2 /NDF: 11918.5/29

- sign -259.268 $\pm$ 0.121 χ^2 /NDF: 6980.4/14

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -260.983+/-2.264 χ^2/NDF : 287.2/3

Left Out: -160.900+/-1.396 χ^2/NDF :1032.8/10

Right Out: -301.050+/-1.696 χ^2/NDF : 1692.8/4

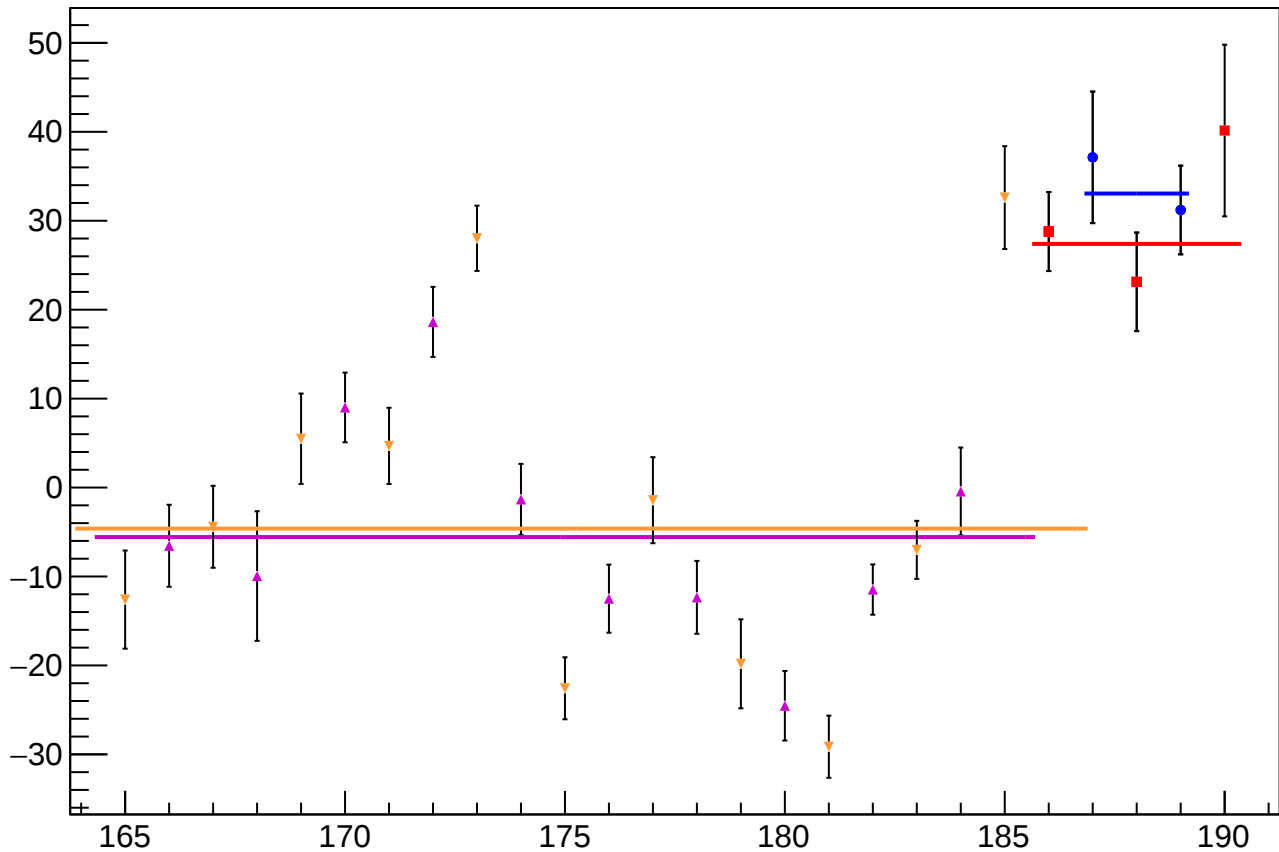
Left In: -156.679+/-1.385 χ^2/NDF :964.1/9

+ sign -188.469+/-1.188 χ^2/NDF : 2735.6/14

All: -202.770+/-0.796 χ^2/NDF : 10002.2/29

- sign -214.425+/-1.073 χ^2/NDF : 7003.8/14

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 33.059 $\pm$ 2.923 χ^2/NDF : 0.9/3

Left Out: -4.615 $\pm$ 1.272 χ^2/NDF :217.3/10

Right Out: 27.397 $\pm$ 2.376 χ^2/NDF : 3.1/4

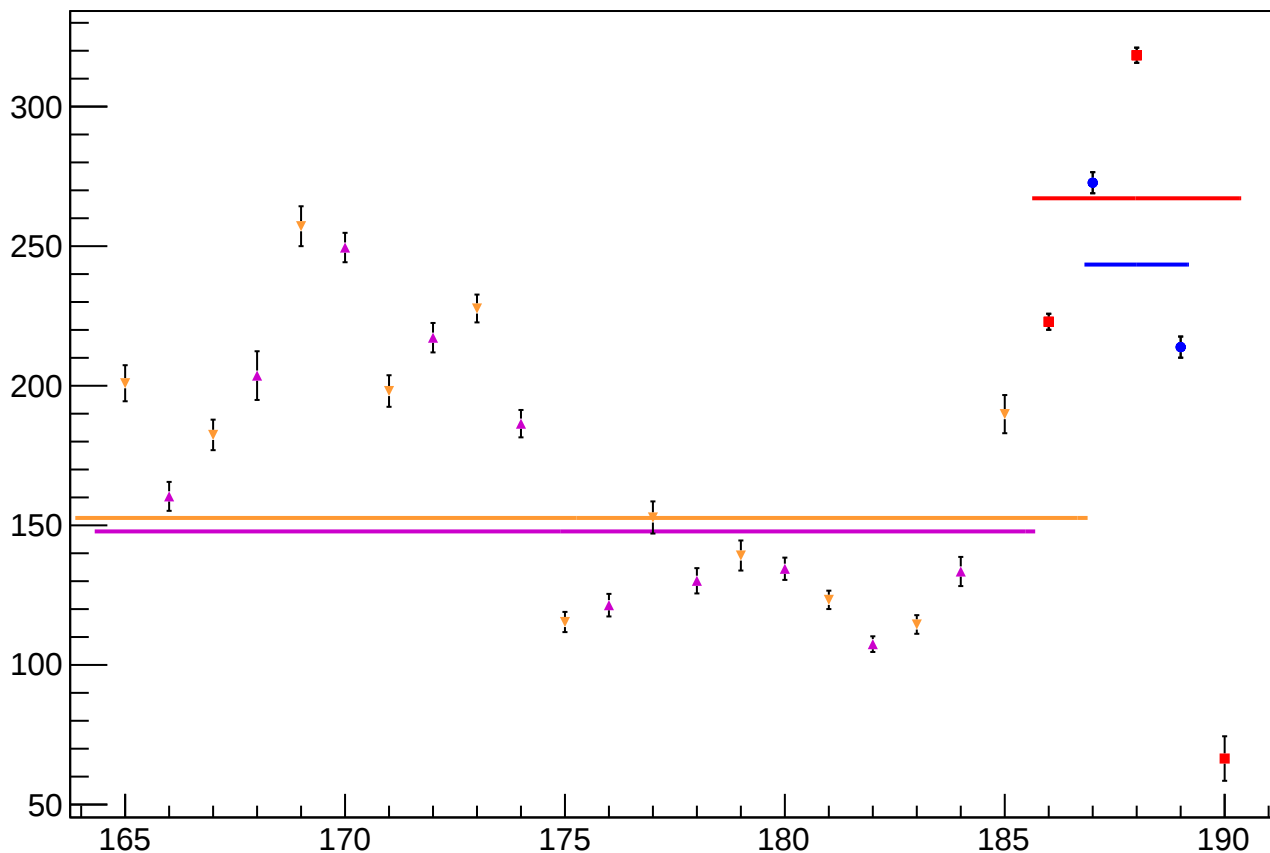
Left In: -5.565 $\pm$ 1.272 χ^2/NDF :88.1/9

+ sign 1.382 $\pm$ 1.166 χ^2/NDF : 357.9/14

All: 1.590 $\pm$ 0.808 χ^2/NDF : 598.8/29

- sign 1.782 $\pm$ 1.122 χ^2/NDF : 240.8/14

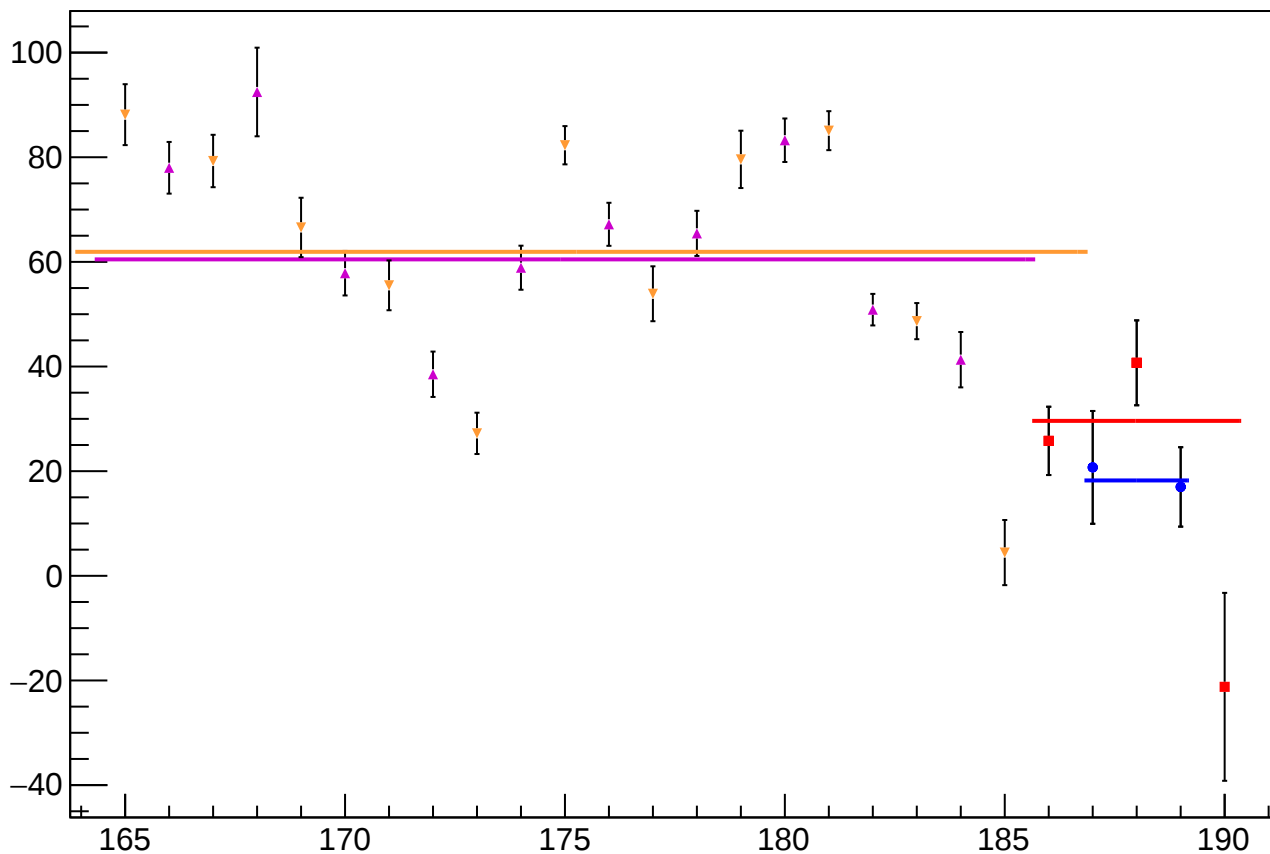
reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 243.409 $\pm$ 1.890 χ^2 /NDF: 242.6/3
 Left Out: 152.653 $\pm$ 1.424 χ^2 /NDF:942.3/10
 Right Out: 267.146 $\pm$ 1.373 χ^2 /NDF: 1822.2/4
 Left In: 147.824 $\pm$ 1.414 χ^2 /NDF:938.4/9

+ sign 185.524 $\pm$ 1.138 χ^2 /NDF: 2655.3/14
 All: 199.084 $\pm$ 0.745 χ^2 /NDF: 9330.6/29
 - sign 209.249 $\pm$ 0.985 χ^2 /NDF: 6426.7/14

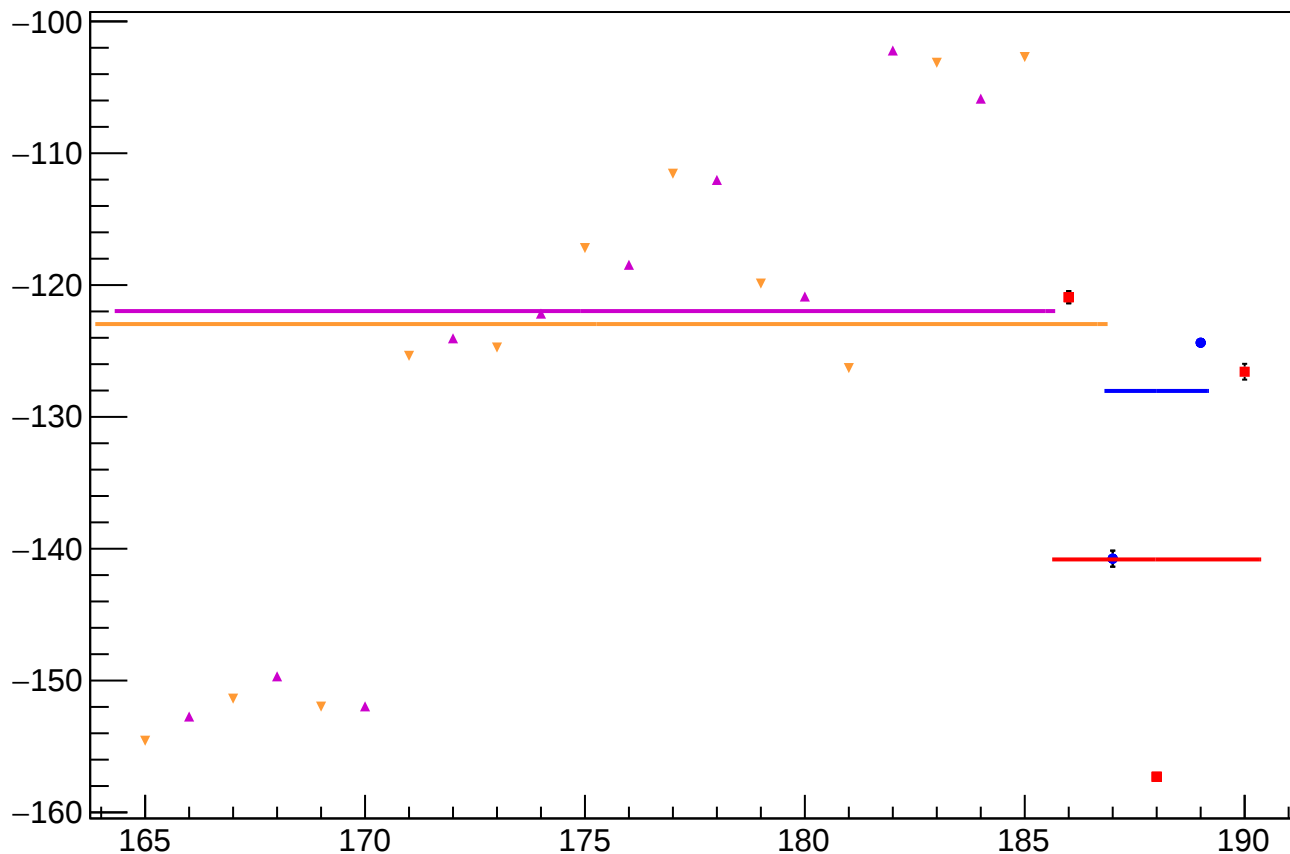
reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



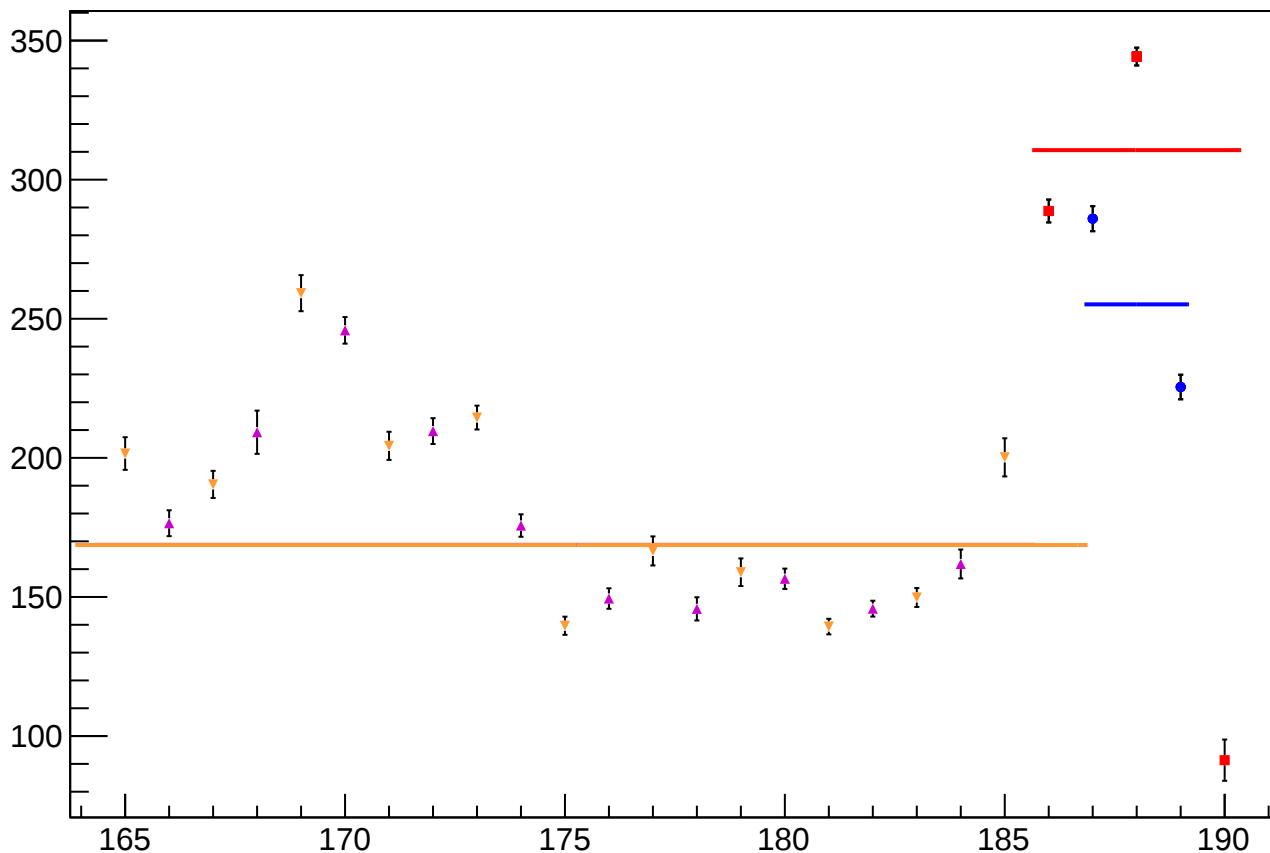
Right In: 18.228 $\pm$ 4.389 χ^2/NDF : 0.2/3
 Left Out: 61.923 $\pm$ 1.367 χ^2/NDF : 294.4/10
 Right Out: 29.613 $\pm$ 3.526 χ^2/NDF : 12.4/4
 Left In: 60.477 $\pm$ 1.365 χ^2/NDF : 110.3/9

+ sign 58.056 $\pm$ 1.306 χ^2/NDF : 384.9/14
 All: 57.234 $\pm$ 0.912 χ^2/NDF : 575.0/29
 - sign 56.452 $\pm$ 1.273 χ^2/NDF : 189.4/14

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



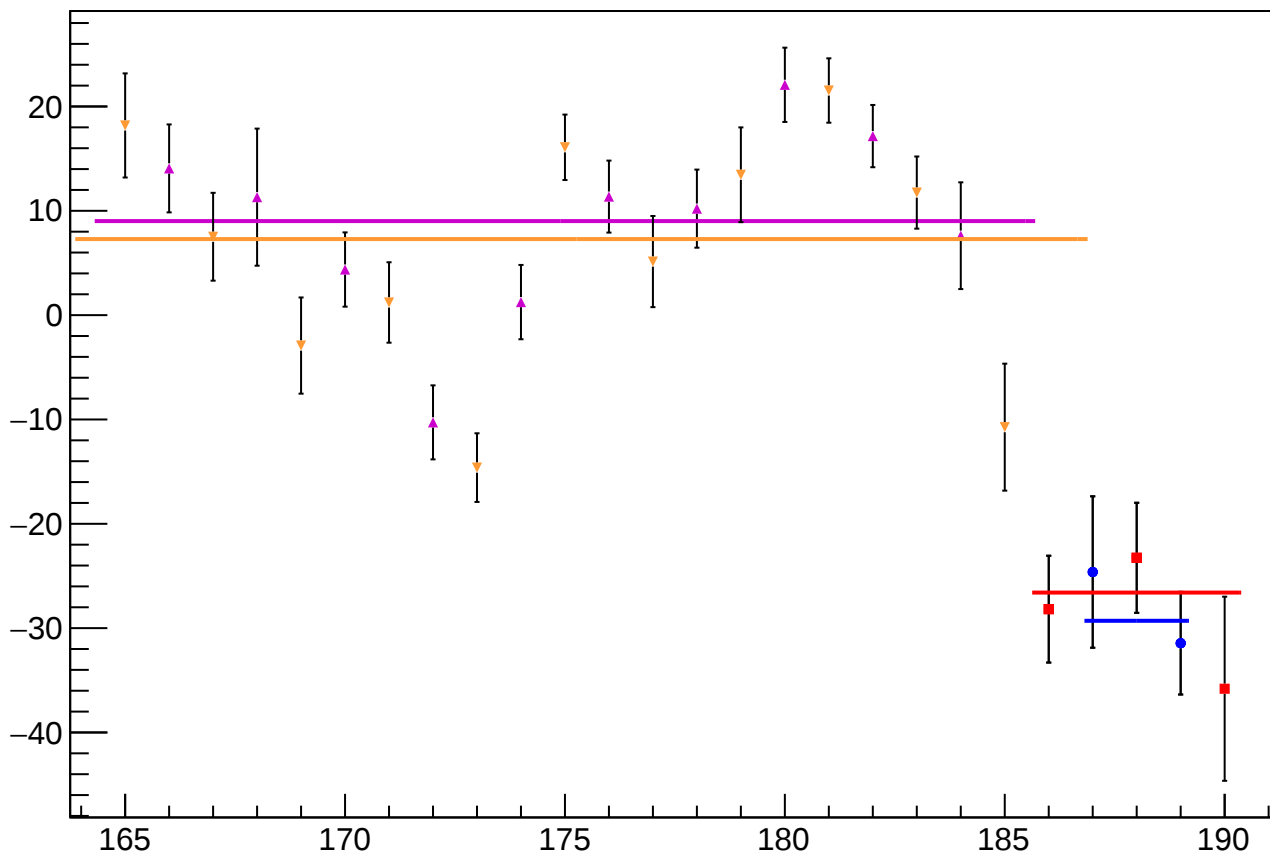
reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 255.175 $\pm$ 2.229 χ^2/NDF : 184.1/3
 Left Out: 168.671 $\pm$ 1.296 χ^2/NDF : 655.2/10
 Right Out: 310.618 $\pm$ 1.735 χ^2/NDF : 1153.6/4
 Left In: 168.735 $\pm$ 1.312 χ^2/NDF : 506.6/9

+ sign 190.534 $\pm$ 1.120 χ^2/NDF : 1964.9/14
 All: 206.466 $\pm$ 0.765 χ^2/NDF : 8258.5/29
 - sign 220.364 $\pm$ 1.046 χ^2/NDF : 5915.1/14

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: -29.296 ± 2.879 $\chi^2/\text{NDF}: 1.2/3$

Left Out: 7.292 ± 1.177 $\chi^2/\text{NDF}: 98.2/10$

Right Out: -26.592 ± 2.492 $\chi^2/\text{NDF}: 2.1/4$

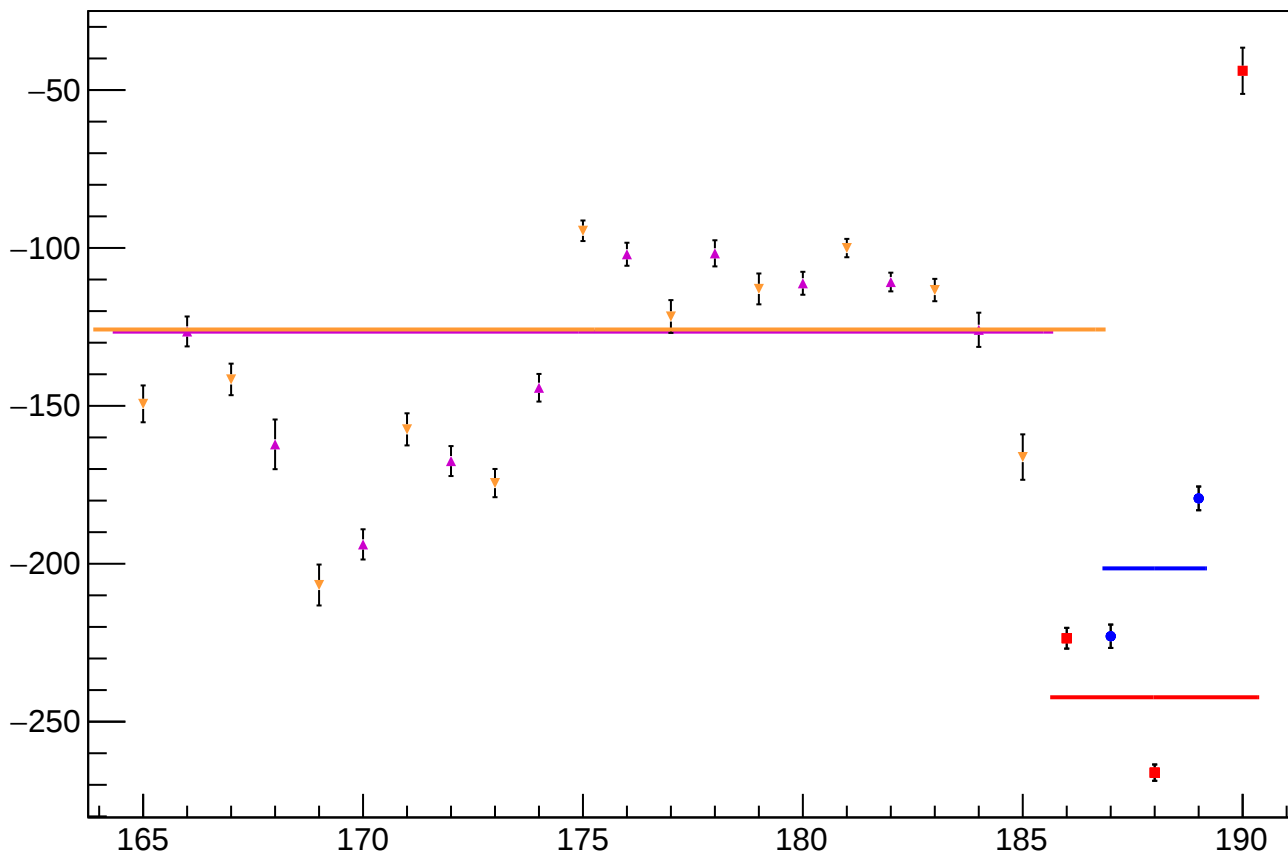
Left In: 9.016 ± 1.194 $\chi^2/\text{NDF}: 59.1/9$

+ sign 2.051 ± 1.090 $\chi^2/\text{NDF}: 237.7/14$

All: 2.211 ± 0.766 $\chi^2/\text{NDF}: 465.0/29$

- sign 2.368 ± 1.077 $\chi^2/\text{NDF}: 227.3/14$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.463 ± 1.863 χ^2/NDF : 137.3/3

Left Out: -125.819 ± 1.321 χ^2/NDF : 561.8/10

Right Out: -242.275 ± 1.408 χ^2/NDF : 970.3/4

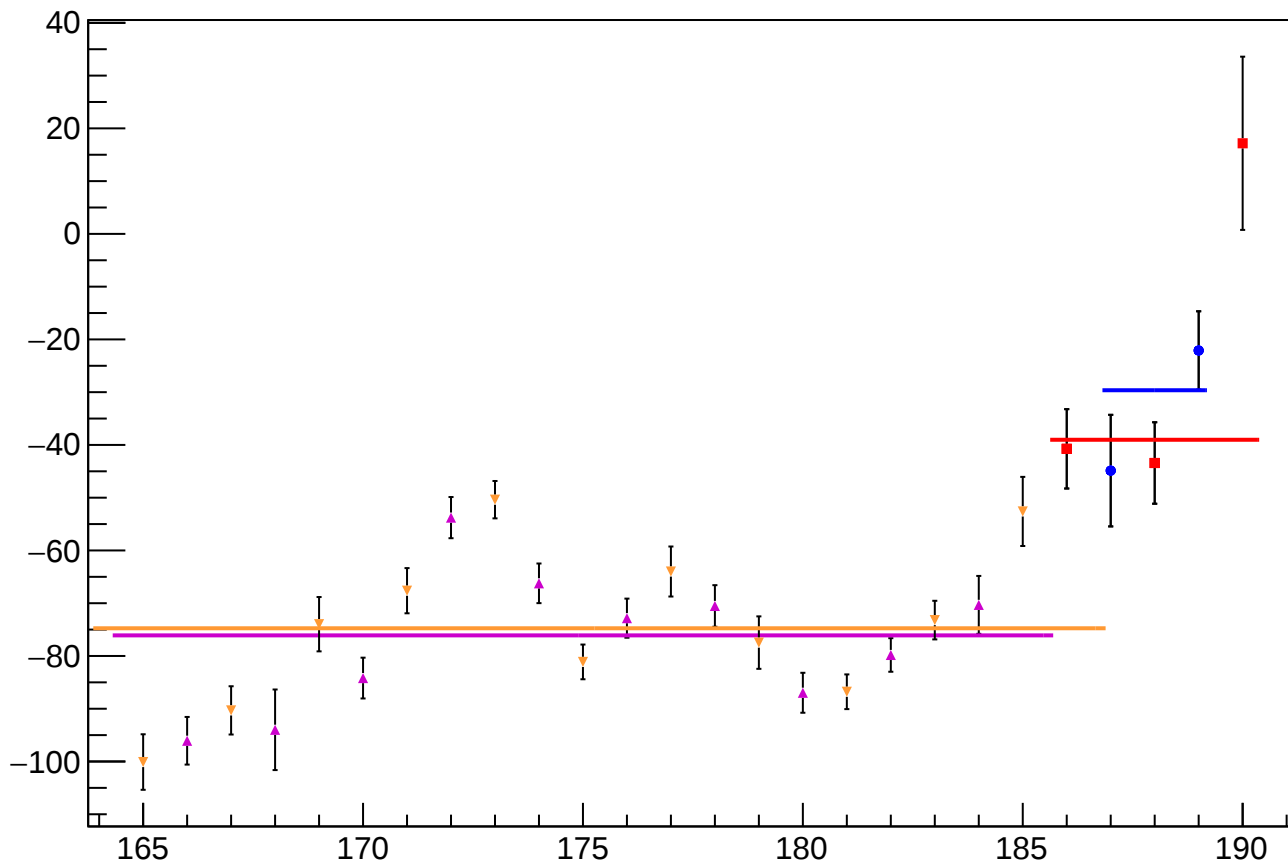
Left In: -126.502 ± 1.338 χ^2/NDF : 437.1/9

+ sign -151.137 ± 1.078 χ^2/NDF : 1796.5/14

All: -167.861 ± 0.721 χ^2/NDF : 7191.9/29

- sign -181.414 ± 0.970 χ^2/NDF : 4959.3/14

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -29.635 ± 4.301 $\chi^2/\text{NDF}: 6.2/3$

Left Out: -74.750 ± 1.266 $\chi^2/\text{NDF}: 119.1/10$

Right Out: -39.022 ± 3.710 $\chi^2/\text{NDF}: 12.5/4$

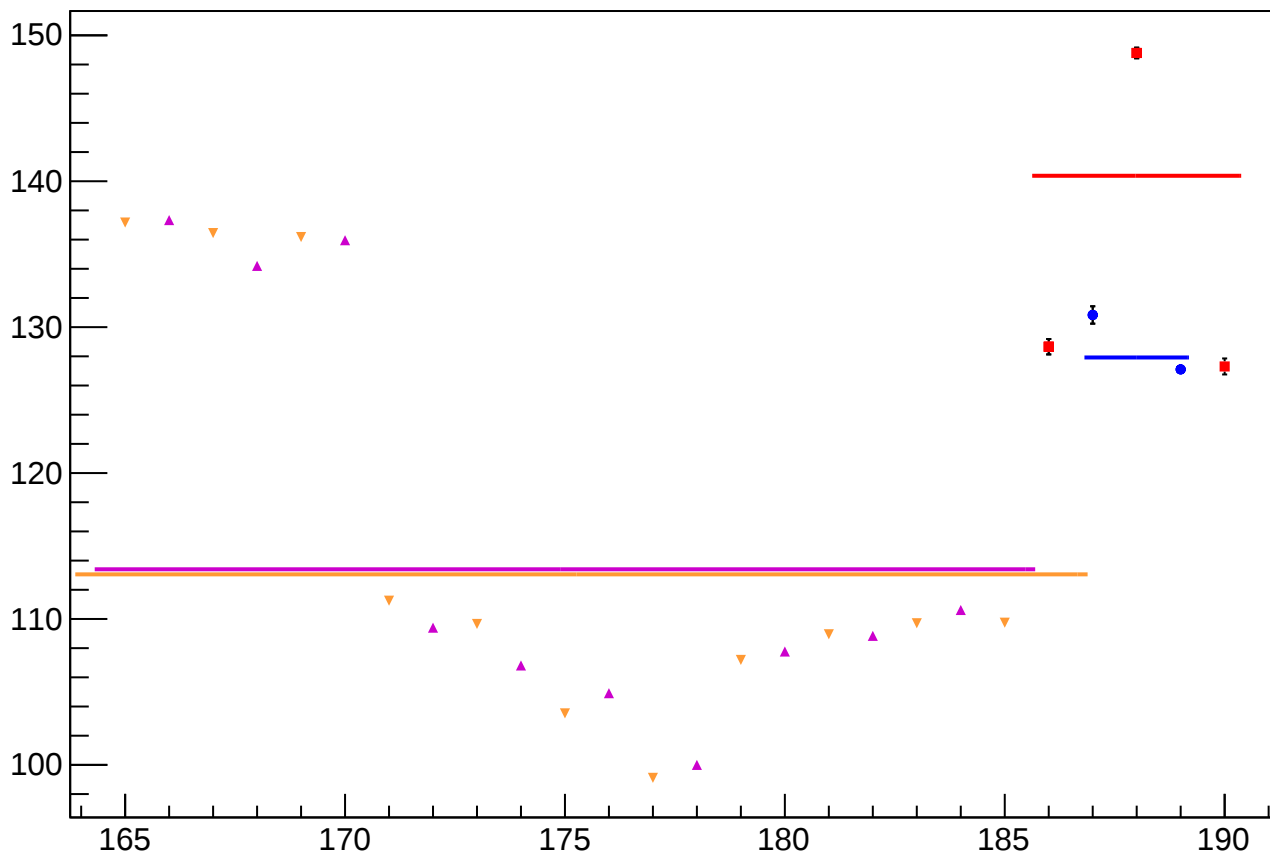
Left In: -76.097 ± 1.282 $\chi^2/\text{NDF}: 82.6/9$

+ sign -71.152 ± 1.215 $\chi^2/\text{NDF}: 226.6/14$

All: -71.649 ± 0.858 $\chi^2/\text{NDF}: 411.1/29$

- sign -72.144 ± 1.211 $\chi^2/\text{NDF}: 184.2/14$

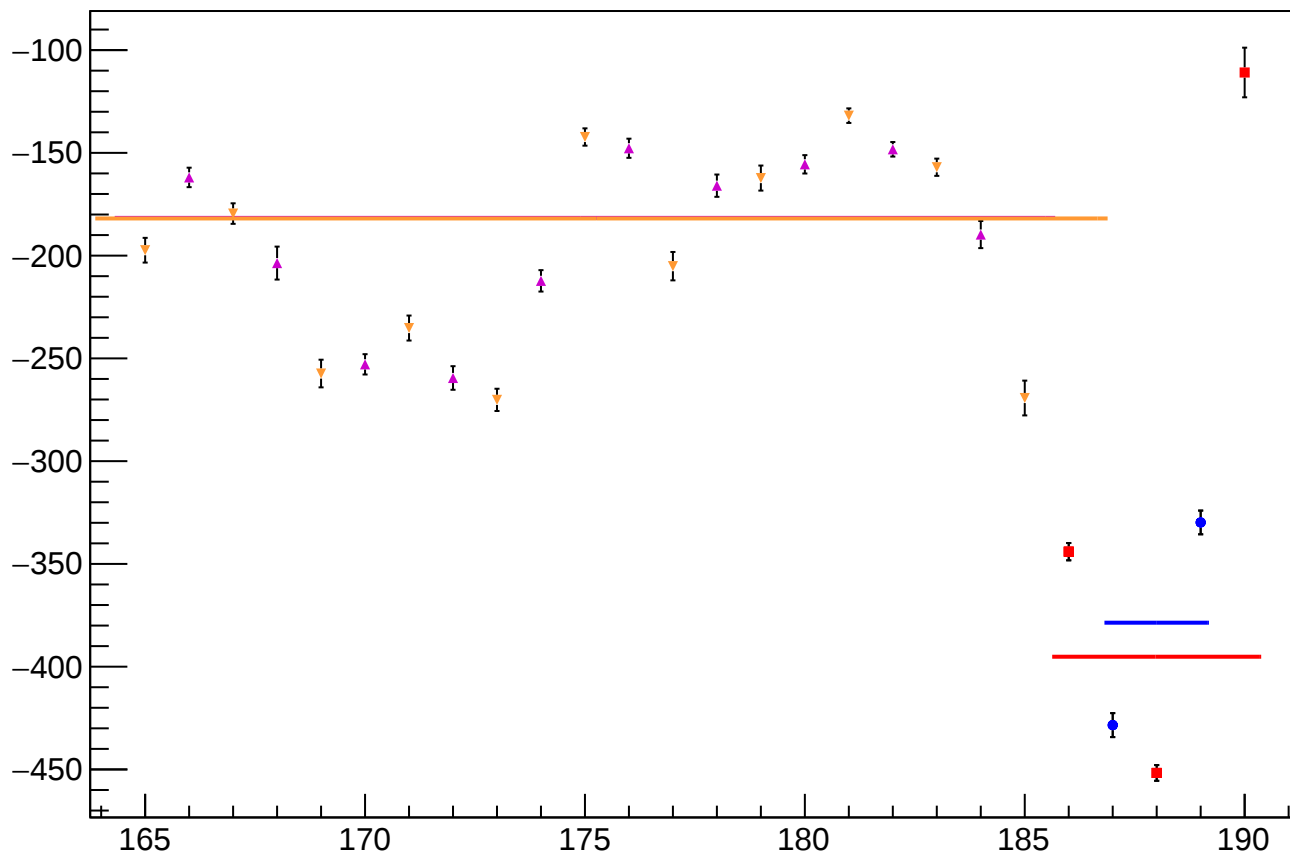
reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 127.922+/-0.197 χ^2/NDF : 61.3/3
 Left Out: 113.057+/-0.057 χ^2/NDF :43179.3/10
 Right Out: 140.375+/-0.198 χ^2/NDF : 2623.9/4
 Left In: 113.405+/-0.058 χ^2/NDF :46172.8/9

+ sign 114.208+/-0.055 χ^2/NDF : 48494.6/14
 All: 114.859+/-0.039 χ^2/NDF : 114757.2/29
 - sign 115.525+/-0.055 χ^2/NDF : 65976.7/14

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -378.599+/-2.900 χ^2/NDF : 289.0/3

Left Out: -181.915+/-1.570 χ^2/NDF : 926.4/10

Right Out: -395.157+/-1.973 χ^2/NDF : 1286.9/4

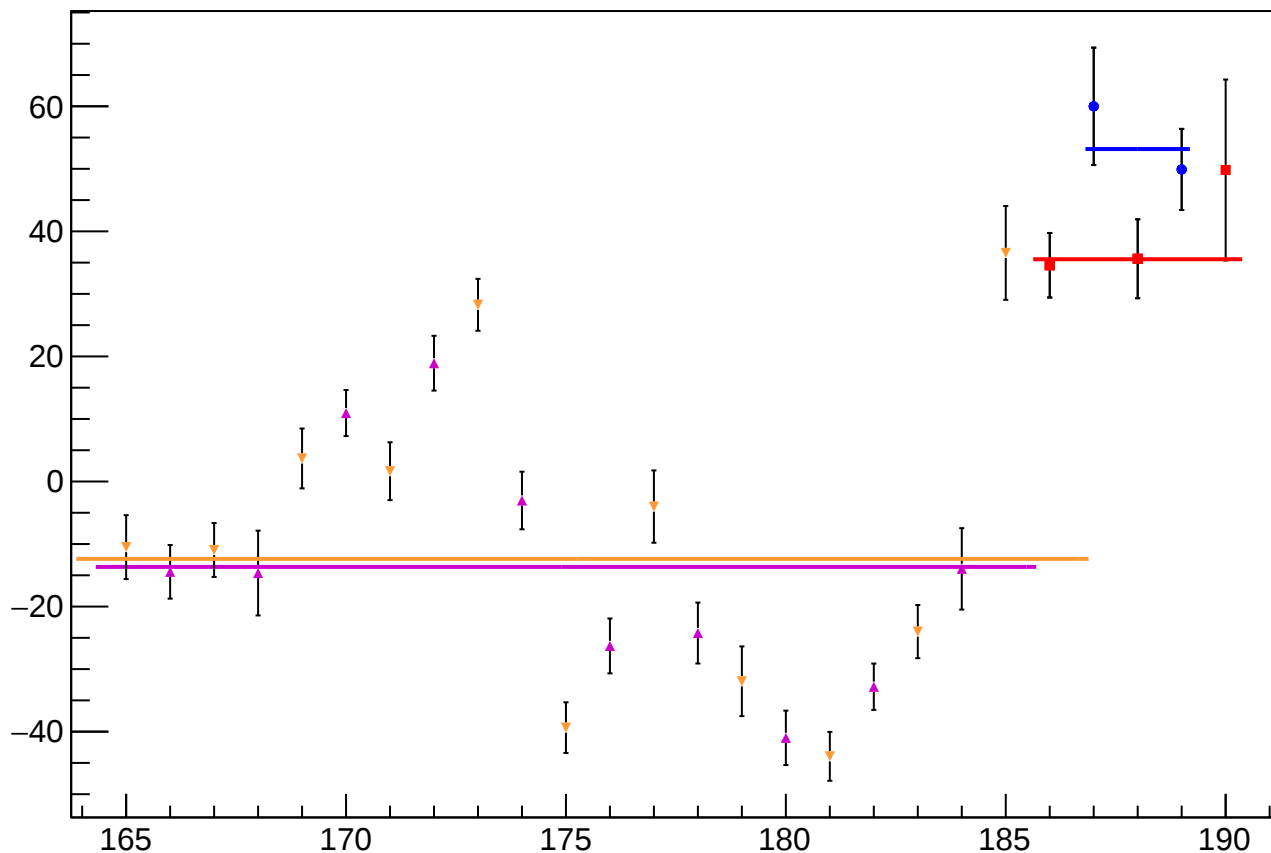
Left In: -181.636+/-1.579 χ^2/NDF : 636.8/9

+ sign -226.500+/-1.381 χ^2/NDF : 4771.6/14

All: -247.915+/-0.920 χ^2/NDF : 14265.2/29

- sign -264.986+/-1.233 χ^2/NDF : 9061.3/14

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 53.160 $\pm$ 3.772 χ^2/NDF : 1.6/3

Left Out: -12.373 $\pm$ 1.411 χ^2/NDF : 290.5/10

Right Out: 35.541 $\pm$ 2.772 χ^2/NDF : 1.0/4

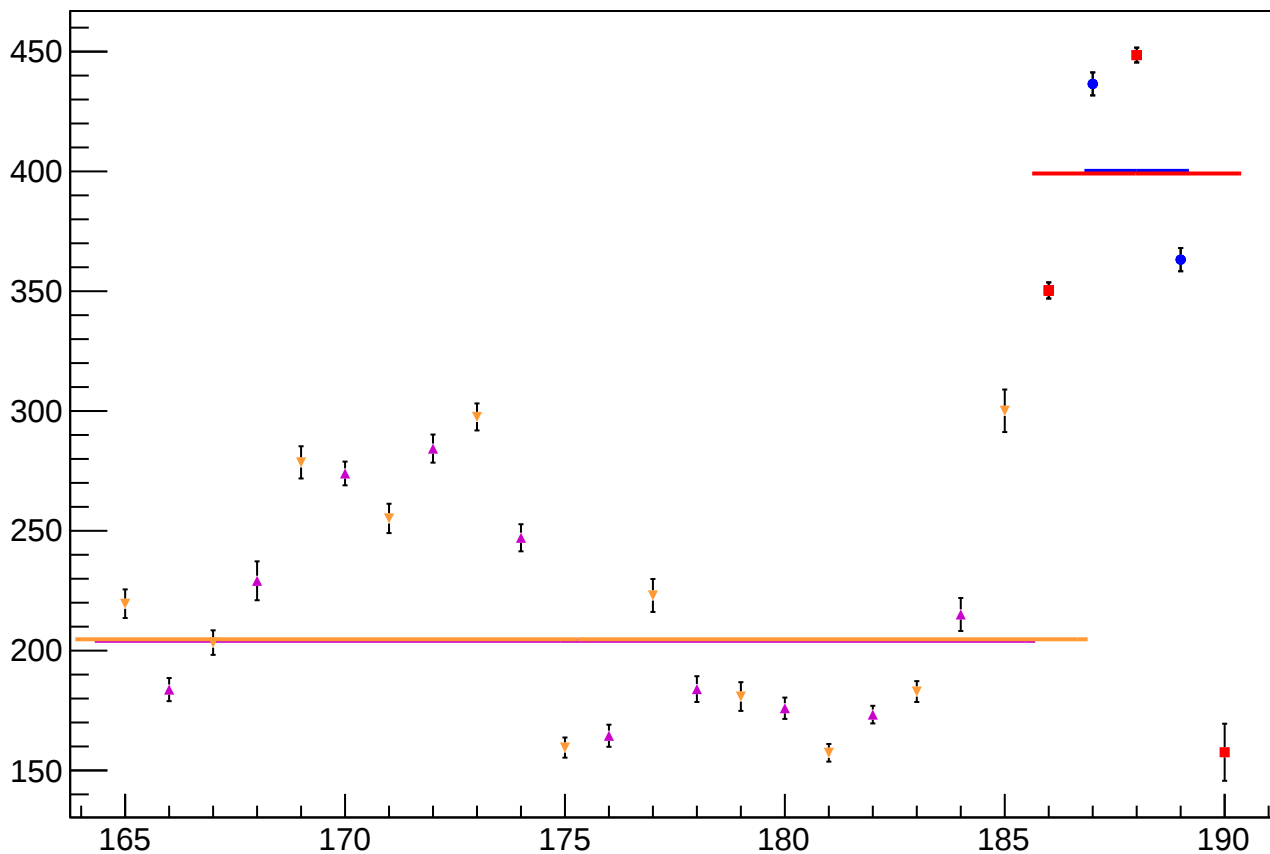
Left In: -13.656 $\pm$ 1.425 χ^2/NDF : 184.5/9

+ sign -4.327 $\pm$ 1.322 χ^2/NDF : 556.8/14

All: -3.831 $\pm$ 0.915 χ^2/NDF : 991.7/29

- sign -3.374 $\pm$ 1.267 χ^2/NDF : 434.7/14

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 400.222 $\pm$ 2.407 χ^2 /NDF: 232.0/3

Left Out: 204.729 $\pm$ 1.599 χ^2 /NDF: 909.9/10

Right Out: 399.134 $\pm$ 1.591 χ^2 /NDF: 1348.3/4

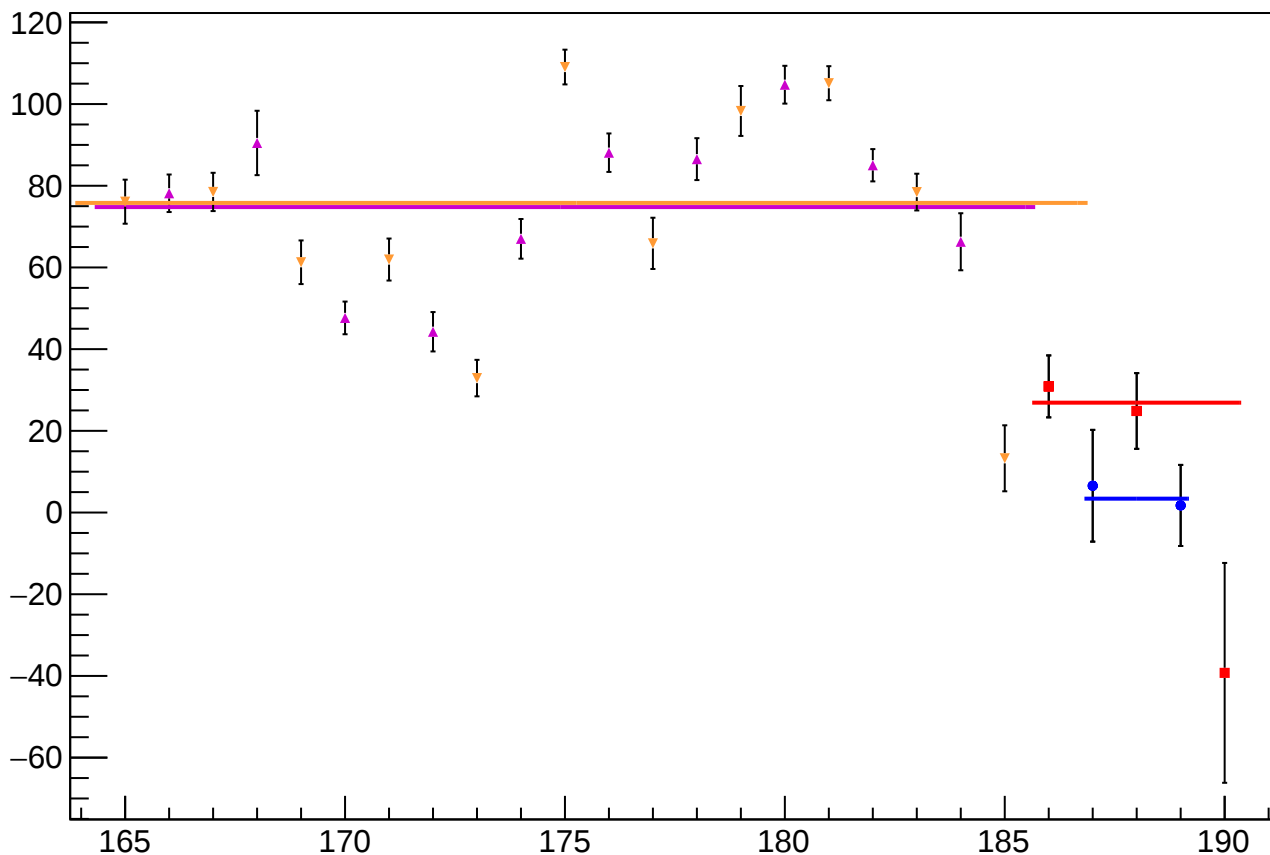
Left In: 204.094 $\pm$ 1.608 χ^2 /NDF: 671.9/9

+ sign 264.589 $\pm$ 1.332 χ^2 /NDF: 5717.5/14

All: 286.718 $\pm$ 0.862 χ^2 /NDF: 15644.9/29

- sign 302.673 $\pm$ 1.131 χ^2 /NDF: 9452.5/14

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 3.397 $\pm$ 5.681 χ^2/NDF : 0.2/3

Left Out: 75.799 $\pm$ 1.520 χ^2/NDF :294.0/10

Right Out: 26.897 $\pm$ 4.102 χ^2/NDF : 6.7/4

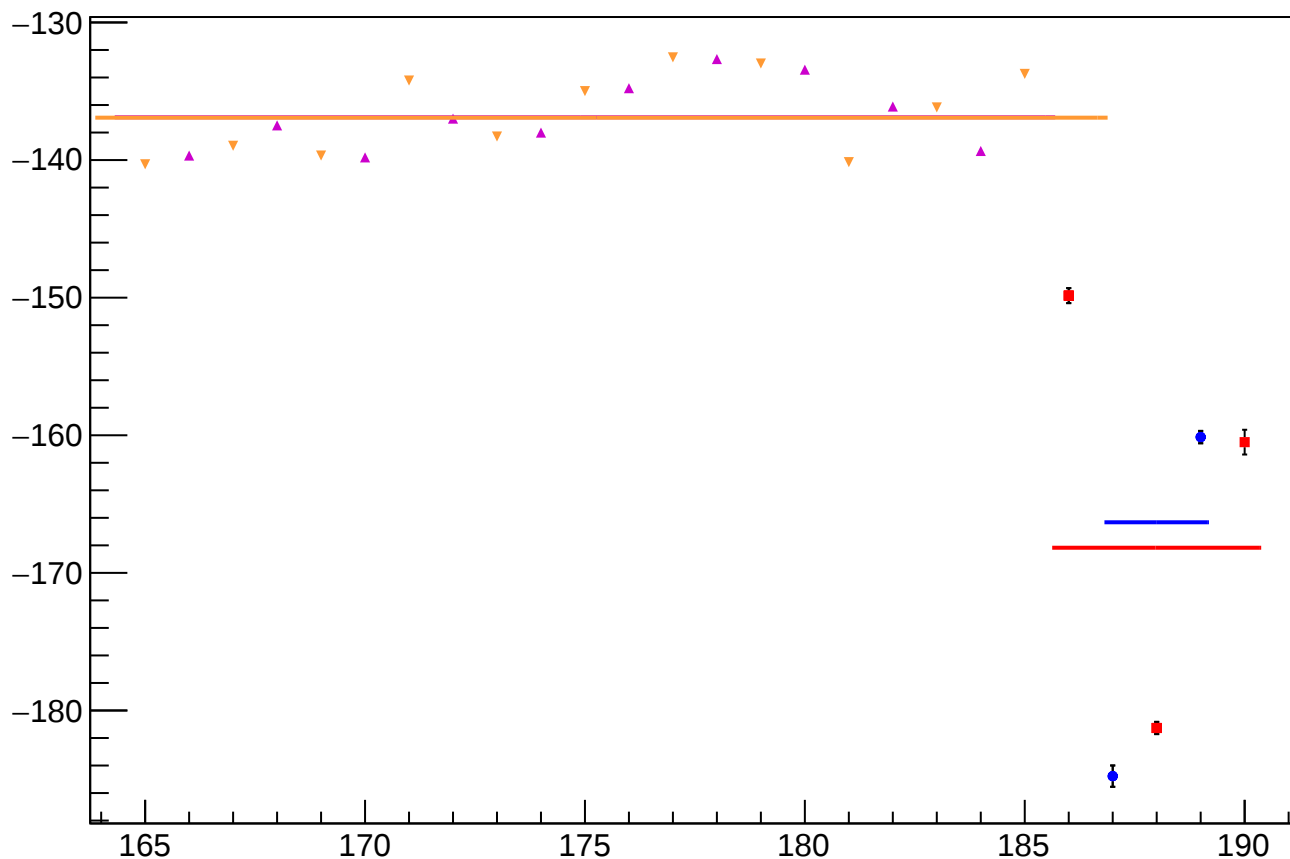
Left In: 74.781 $\pm$ 1.533 χ^2/NDF :156.5/9

+ sign 70.961 $\pm$ 1.468 χ^2/NDF : 445.8/14

All: 69.915 $\pm$ 1.027 χ^2/NDF : 729.6/29

- sign 68.916 $\pm$ 1.436 χ^2/NDF : 282.8/14

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -166.323+/-0.275 χ^2/NDF : 1514.3/3

Left Out: -136.919+/-0.069 χ^2/NDF : 1553.0/10

Right Out: -168.173+/-0.235 χ^2/NDF : 4075.2/4

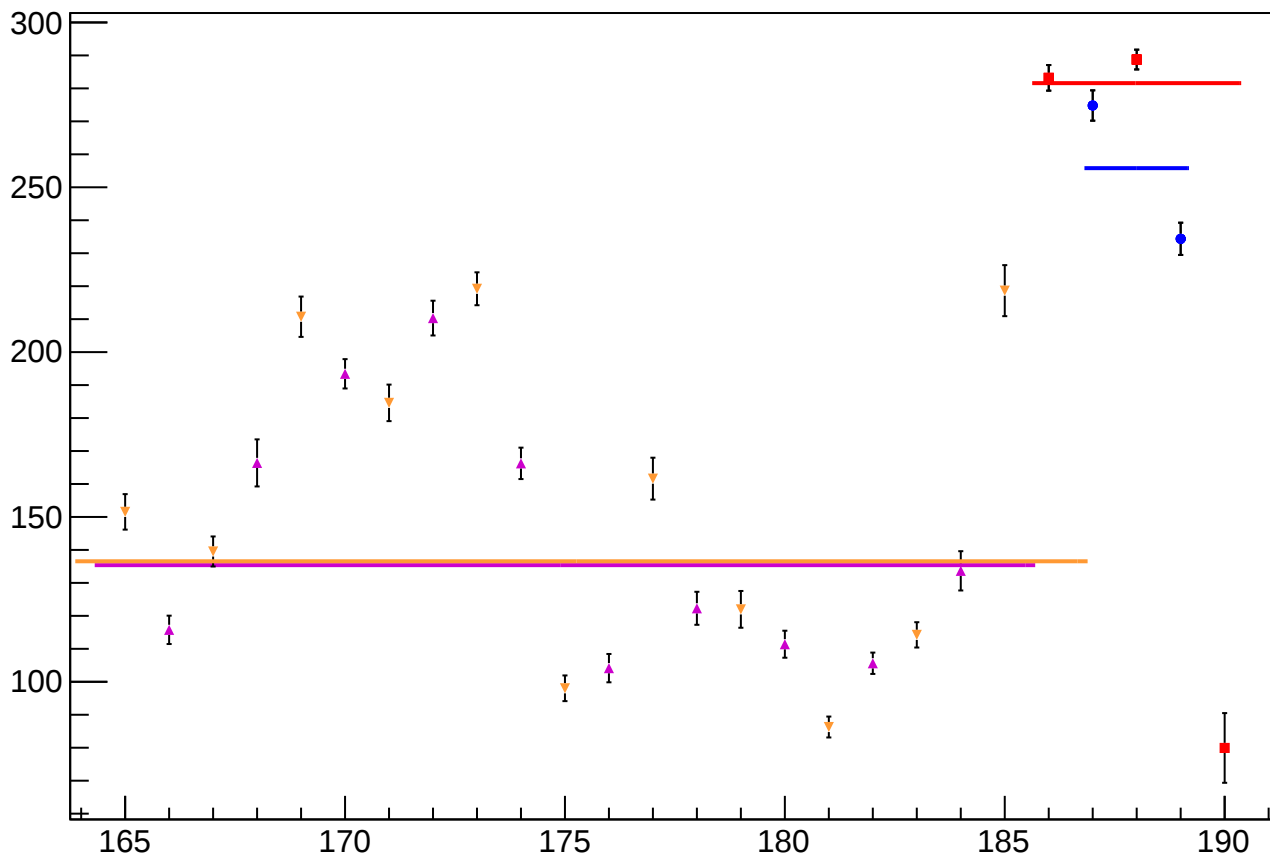
Left In: -136.892+/-0.069 χ^2/NDF : 1176.0/9

+ sign -138.643+/-0.066 χ^2/NDF : 13857.9/14

All: -139.011+/-0.047 χ^2/NDF : 35491.6/29

- sign -139.375+/-0.066 χ^2/NDF : 21572.8/14

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 255.805 ± 2.369 χ^2/NDF : 72.6/3

Left Out: 136.553 ± 1.430 χ^2/NDF : 1022.8/10

Right Out: 281.593 ± 1.658 χ^2/NDF : 375.6/4

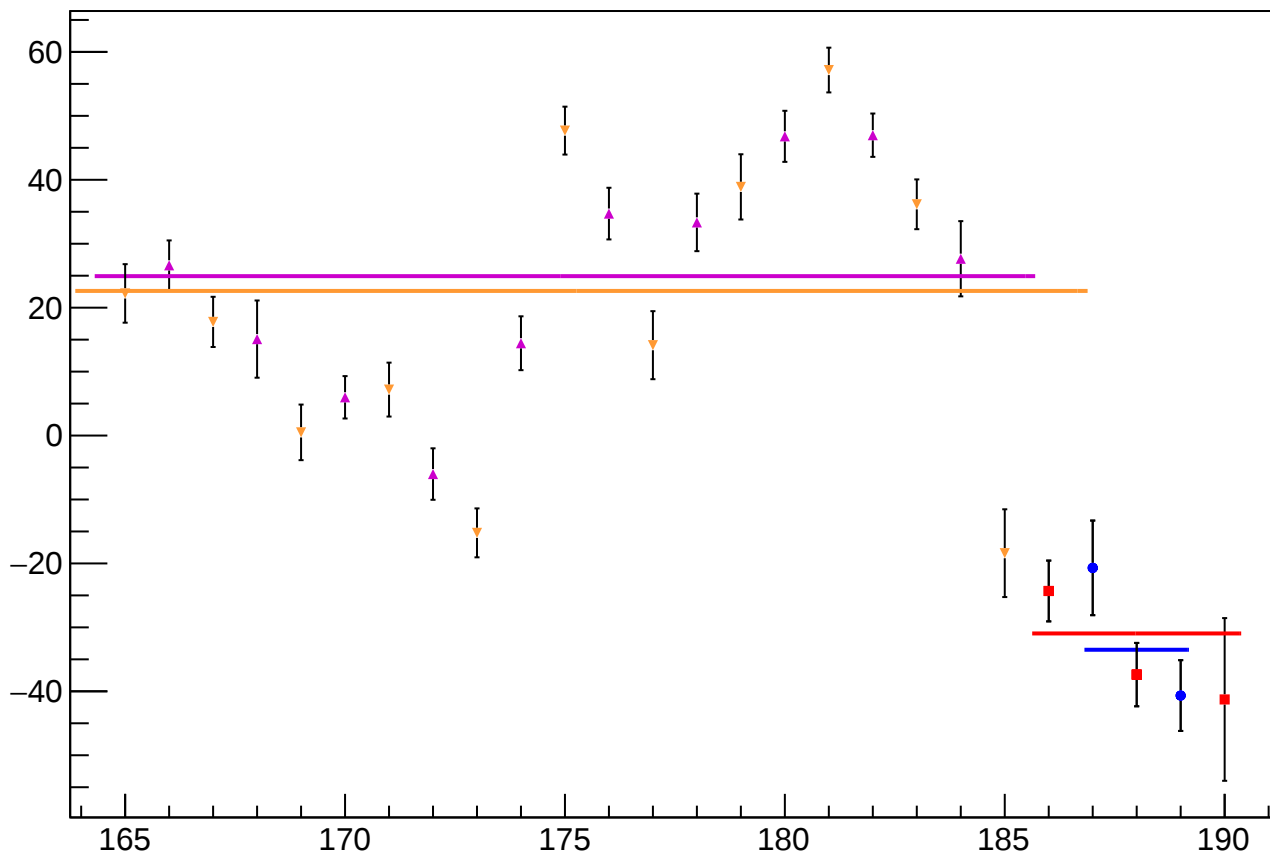
Left In: 135.382 ± 1.441 χ^2/NDF : 632.4/9

+ sign 168.392 ± 1.224 χ^2/NDF : 2952.3/14

All: 185.122 ± 0.813 χ^2/NDF : 8724.8/29

- sign 198.326 ± 1.088 χ^2/NDF : 5438.5/14

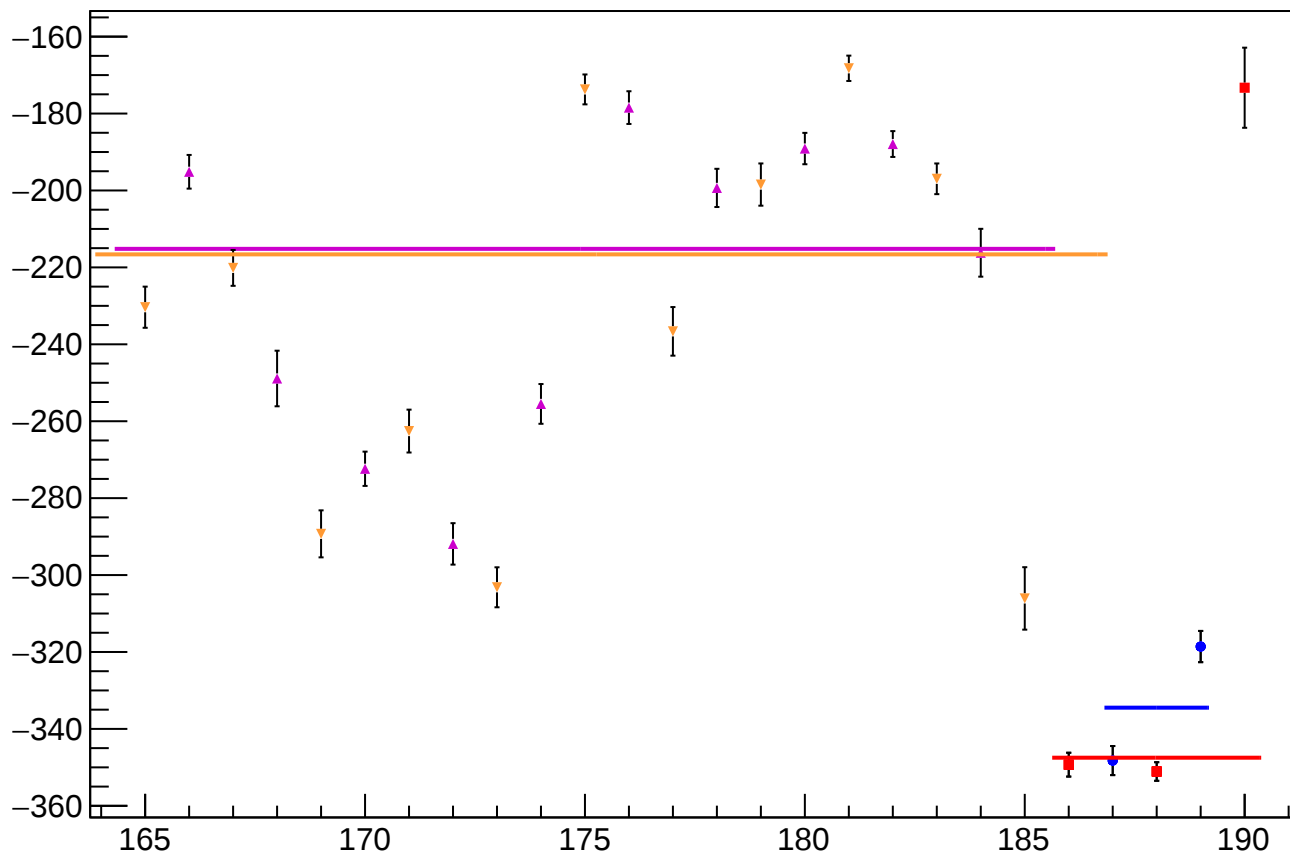
reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -33.501 ± 3.133 χ^2/NDF : 9.3/3
 Left Out: 22.619 ± 1.287 χ^2/NDF : 341.4/10
 Right Out: -30.951 ± 2.383 χ^2/NDF : 7.9/4
 Left In: 24.931 ± 1.300 χ^2/NDF : 182.8/9

+ sign 14.521 ± 1.190 χ^2/NDF : 625.2/14
 All: 13.268 ± 0.824 χ^2/NDF : 1241.9/29
 - sign 12.117 ± 1.141 χ^2/NDF : 614.6/14

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -334.477+/-1.956 χ^2/NDF : 57.1/3

Left Out: -216.615+/-1.457 χ^2/NDF : 997.7/10

Right Out: -347.488+/-1.336 χ^2/NDF : 284.8/4

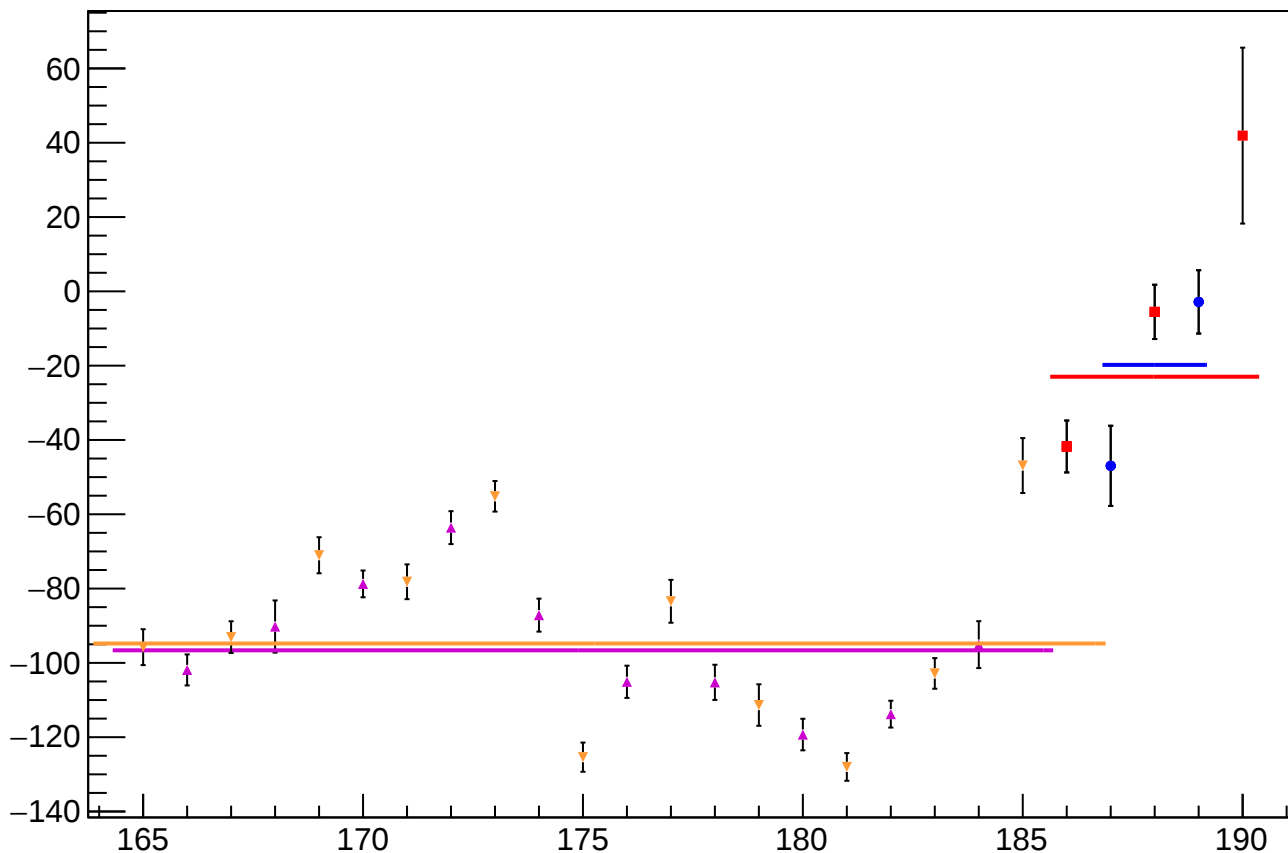
Left In: -215.179+/-1.468 χ^2/NDF : 662.4/9

+ sign -258.649+/-1.168 χ^2/NDF : 3390.0/14

All: -275.483+/-0.755 χ^2/NDF : 9134.6/29

- sign -287.531+/-0.988 χ^2/NDF : 5388.3/14

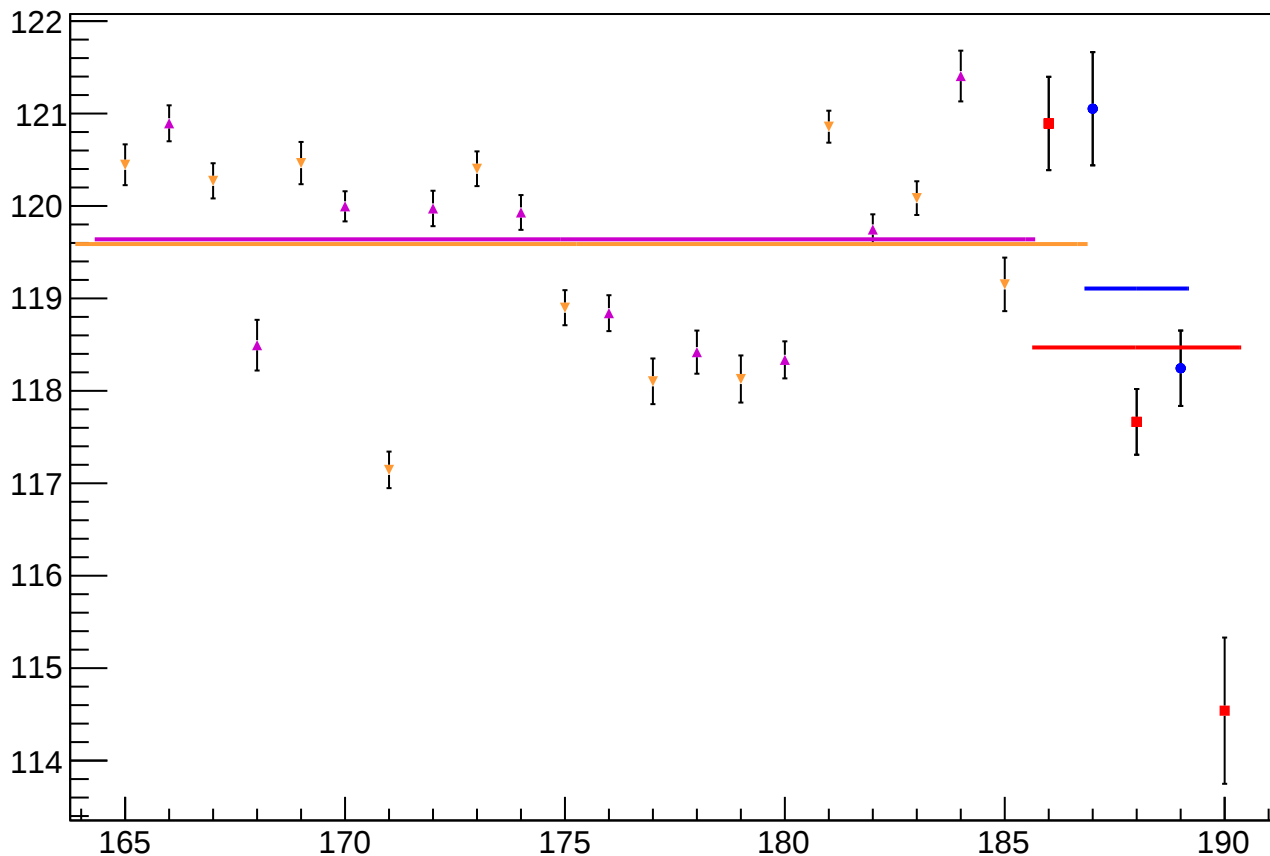
reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -19.790 ± 4.729 $\chi^2/\text{NDF}: 20.6/3$
 Left Out: -94.785 ± 1.386 $\chi^2/\text{NDF}: 327.6/10$
 Right Out: -22.978 ± 3.531 $\chi^2/\text{NDF}: 33.4/4$
 Left In: -96.621 ± 1.398 $\chi^2/\text{NDF}: 145.5/9$

+ sign -88.852 ± 1.330 $\chi^2/\text{NDF}: 579.8/14$
 All: -87.719 ± 0.930 $\chi^2/\text{NDF}: 1136.2/29$
 - sign -86.637 ± 1.300 $\chi^2/\text{NDF}: 555.0/14$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 119.107 ± 0.240 χ^2/NDF : 29.1/3

Left Out: 119.588 ± 0.062 χ^2/NDF : 360.1/10

Right Out: 118.469 ± 0.199 χ^2/NDF : 81.0/4

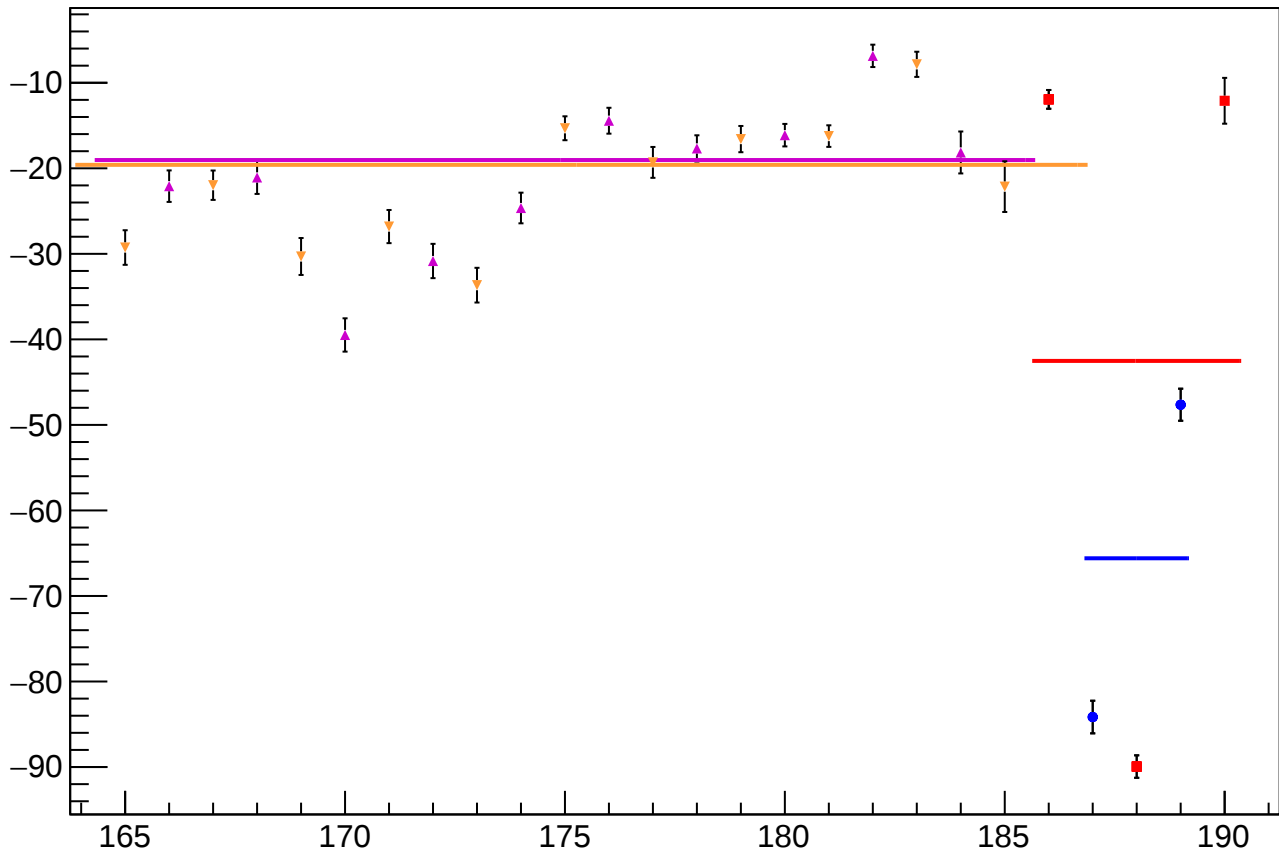
Left In: 119.639 ± 0.063 χ^2/NDF : 197.7/9

+ sign 119.558 ± 0.060 χ^2/NDF : 393.0/14

All: 119.545 ± 0.043 χ^2/NDF : 703.2/29

- sign 119.533 ± 0.060 χ^2/NDF : 310.2/14

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -65.595+/-0.945 χ^2/NDF : 373.2/3

Left Out: -19.595+/-0.516 χ^2/NDF : 196.2/10

Right Out: -42.518+/-0.581 χ^2/NDF : 4287.0/4

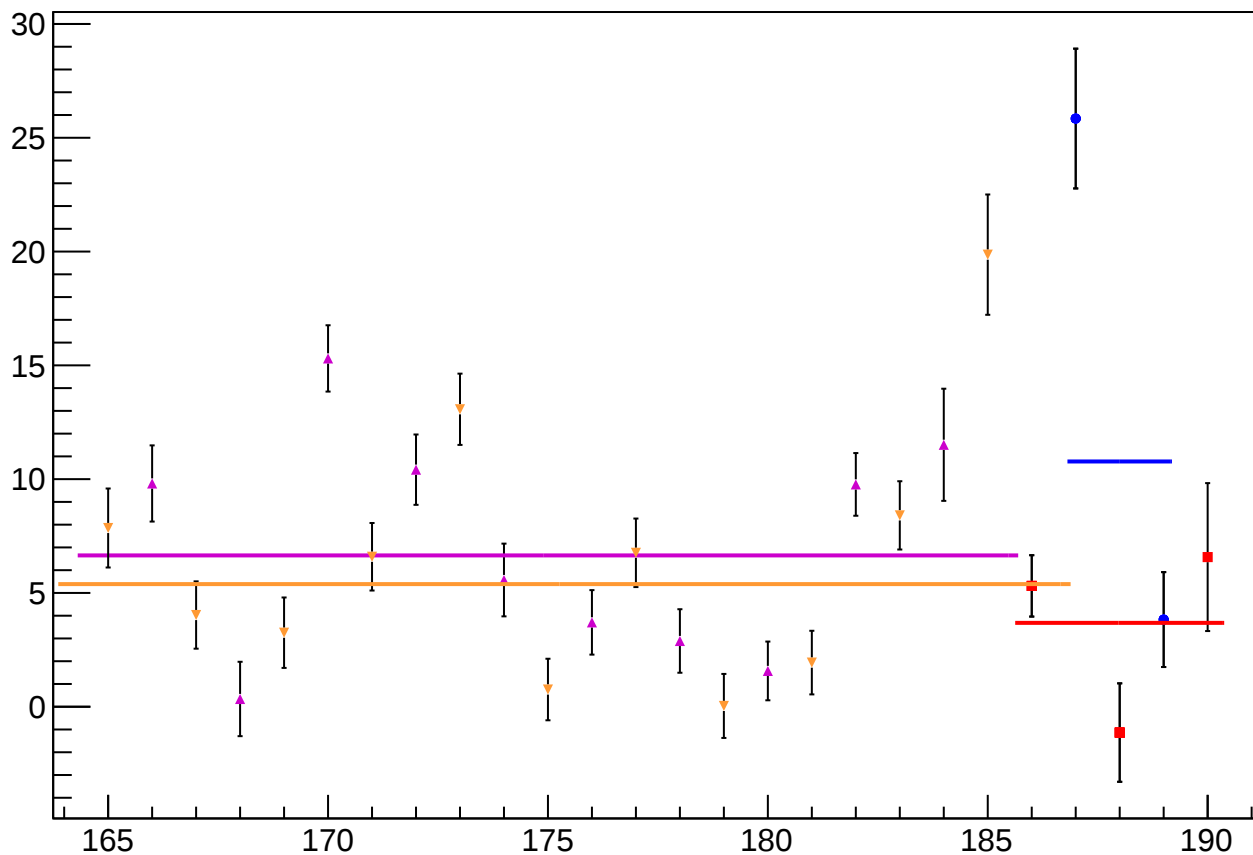
Left In: -19.032+/-0.529 χ^2/NDF : 260.3/9

+ sign -30.163+/-0.453 χ^2/NDF : 2394.7/14

All: -29.875+/-0.296 χ^2/NDF : 7835.8/29

- sign -29.660+/-0.391 χ^2/NDF : 5440.4/14

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 10.777 $\pm$ 1.220 χ^2 /NDF: 70.4/3

Left Out: 5.388 $\pm$ 0.463 χ^2 /NDF: 96.7/10

Right Out: 3.685 $\pm$ 0.785 χ^2 /NDF: 13.6/4

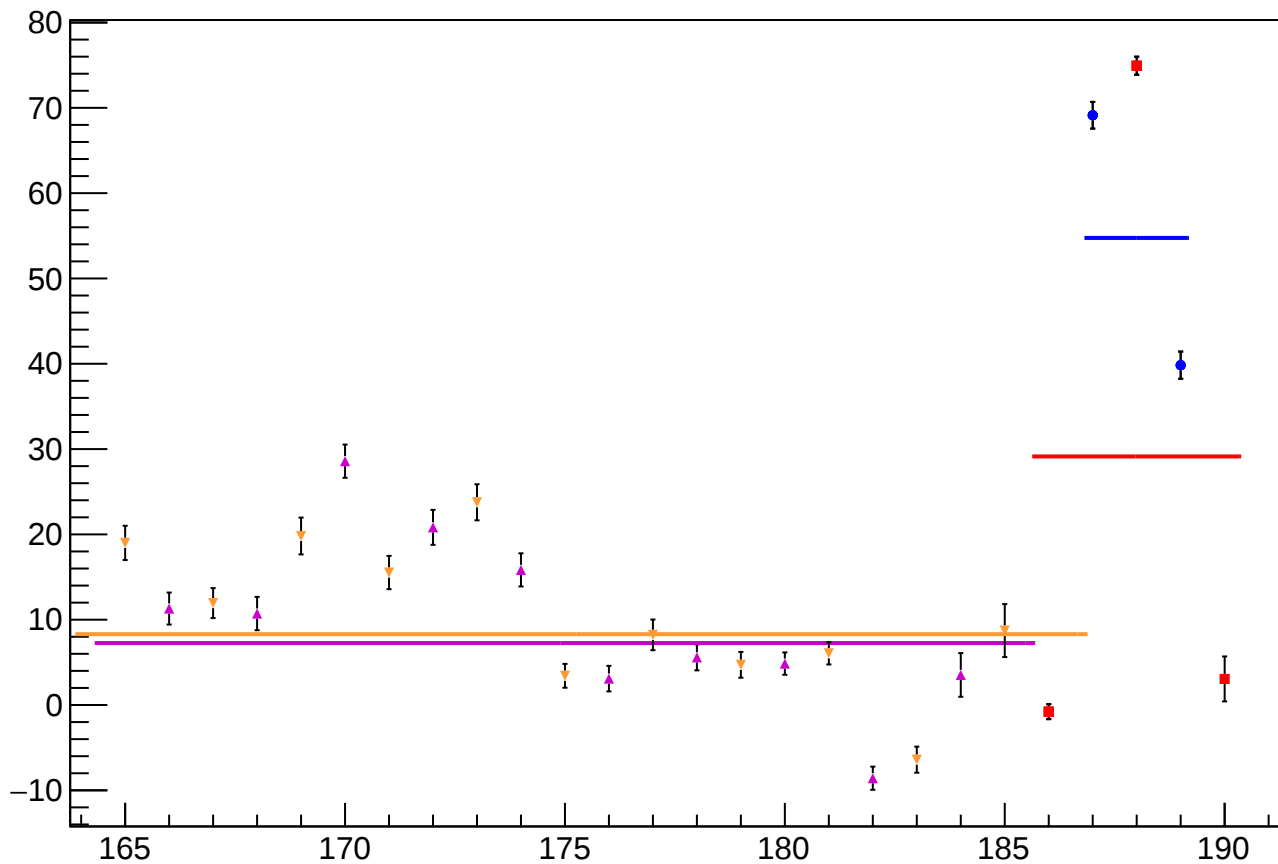
Left In: 6.649 $\pm$ 0.481 χ^2 /NDF: 96.2/9

+ sign 6.067 $\pm$ 0.433 χ^2 /NDF: 184.1/14

All: 5.947 $\pm$ 0.298 χ^2 /NDF: 304.5/29

- sign 5.839 $\pm$ 0.410 χ^2 /NDF: 120.2/14

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 54.751+/-0.790 χ^2/NDF : 343.8/3

Left Out: 8.305+/-0.524 χ^2/NDF : 241.7/10

Right Out: 29.137+/-0.471 χ^2/NDF : 6149.1/4

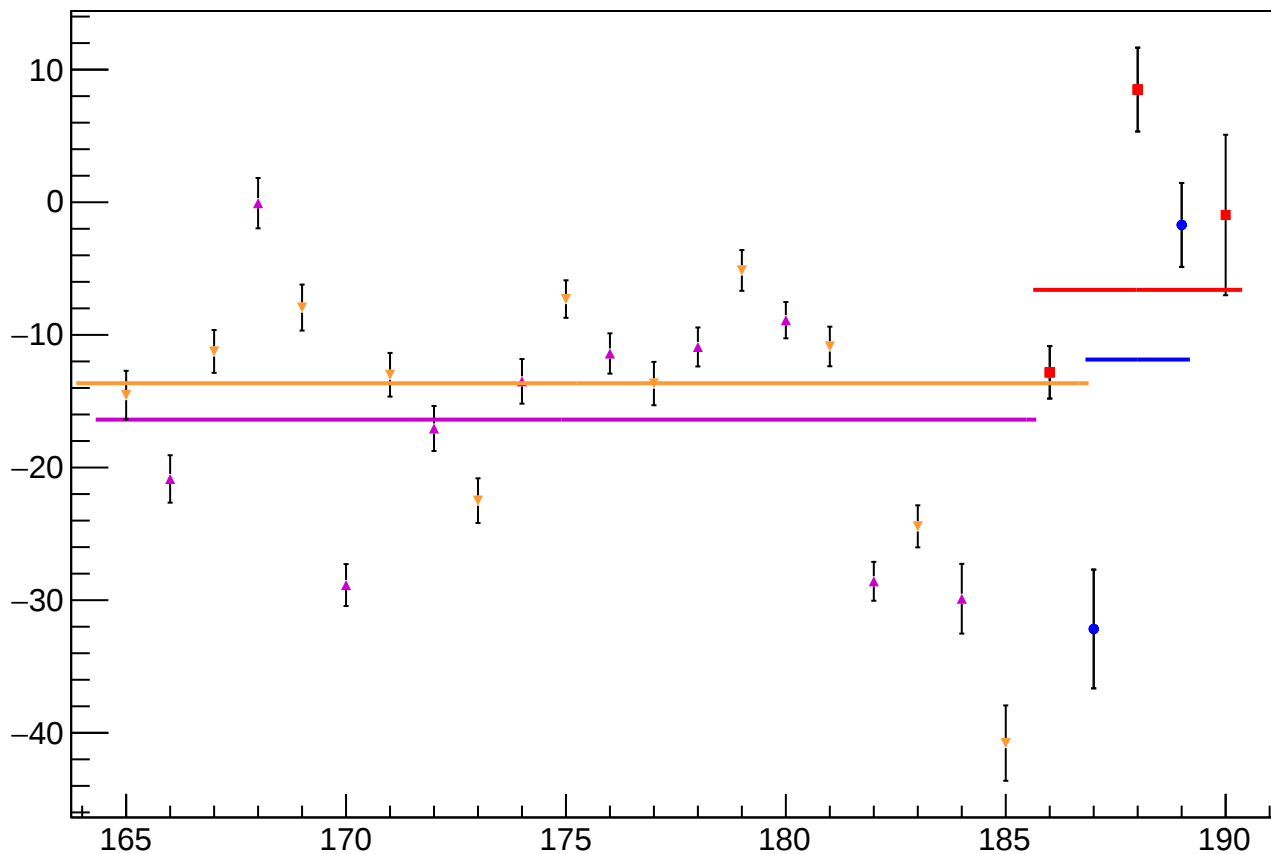
Left In: 7.266+/-0.537 χ^2/NDF : 341.2/9

+ sign 22.485+/-0.436 χ^2/NDF : 2987.1/14

All: 20.766+/-0.275 χ^2/NDF : 10441.7/29

- sign 19.636+/-0.354 χ^2/NDF : 7429.0/14

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -11.858 ± 1.827 χ^2/NDF : 61.7/3

Left Out: -13.642 ± 0.500 χ^2/NDF : 232.8/10

Right Out: -6.604 ± 1.164 χ^2/NDF : 66.3/4

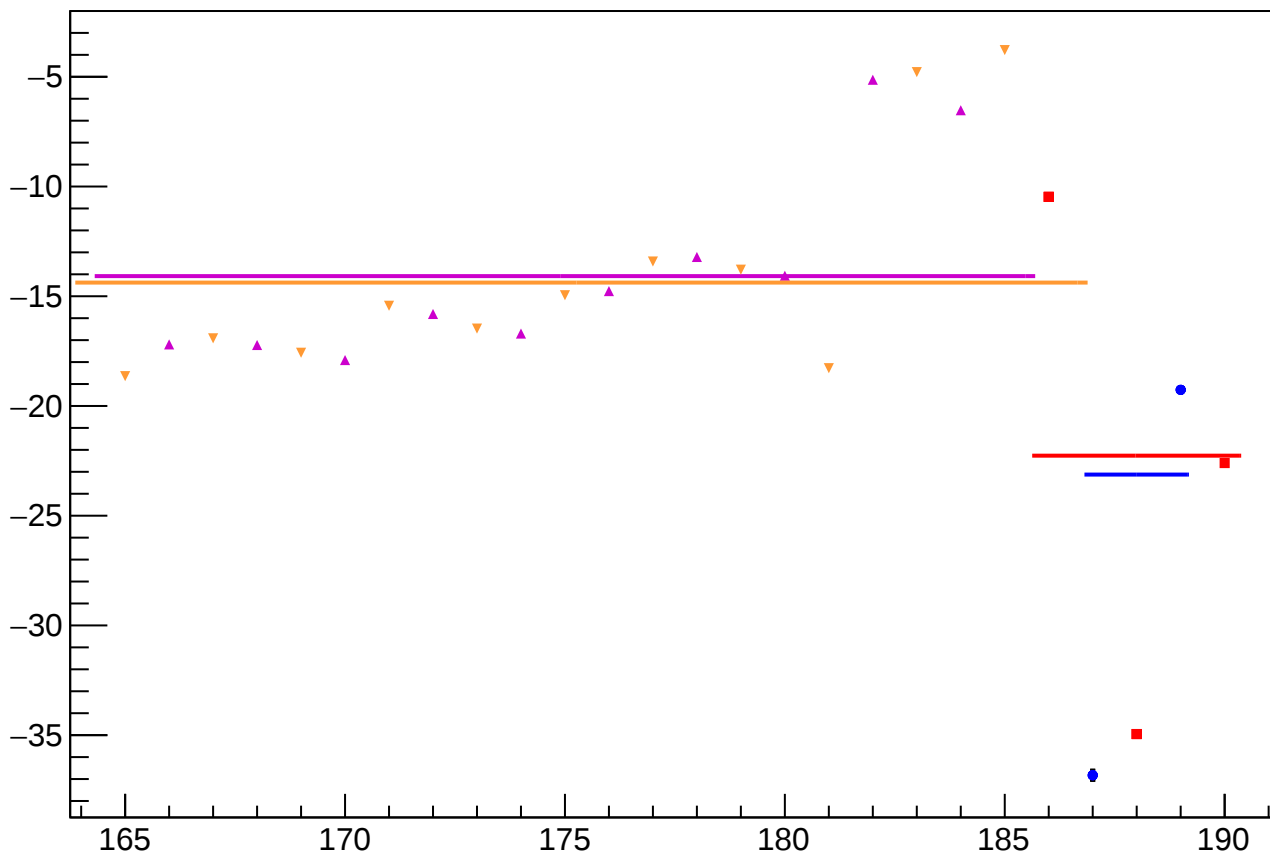
Left In: -16.387 ± 0.518 χ^2/NDF : 295.8/9

+ sign -13.518 ± 0.482 χ^2/NDF : 295.4/14

All: -14.156 ± 0.338 χ^2/NDF : 719.9/29

- sign -14.770 ± 0.473 χ^2/NDF : 421.1/14

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -23.126+/-0.084 χ^2/NDF : 7543.0/3

Left Out: -14.377+/-0.022 χ^2/NDF : 38009.0/10

Right Out: -22.265+/-0.068 χ^2/NDF : 28650.6/4

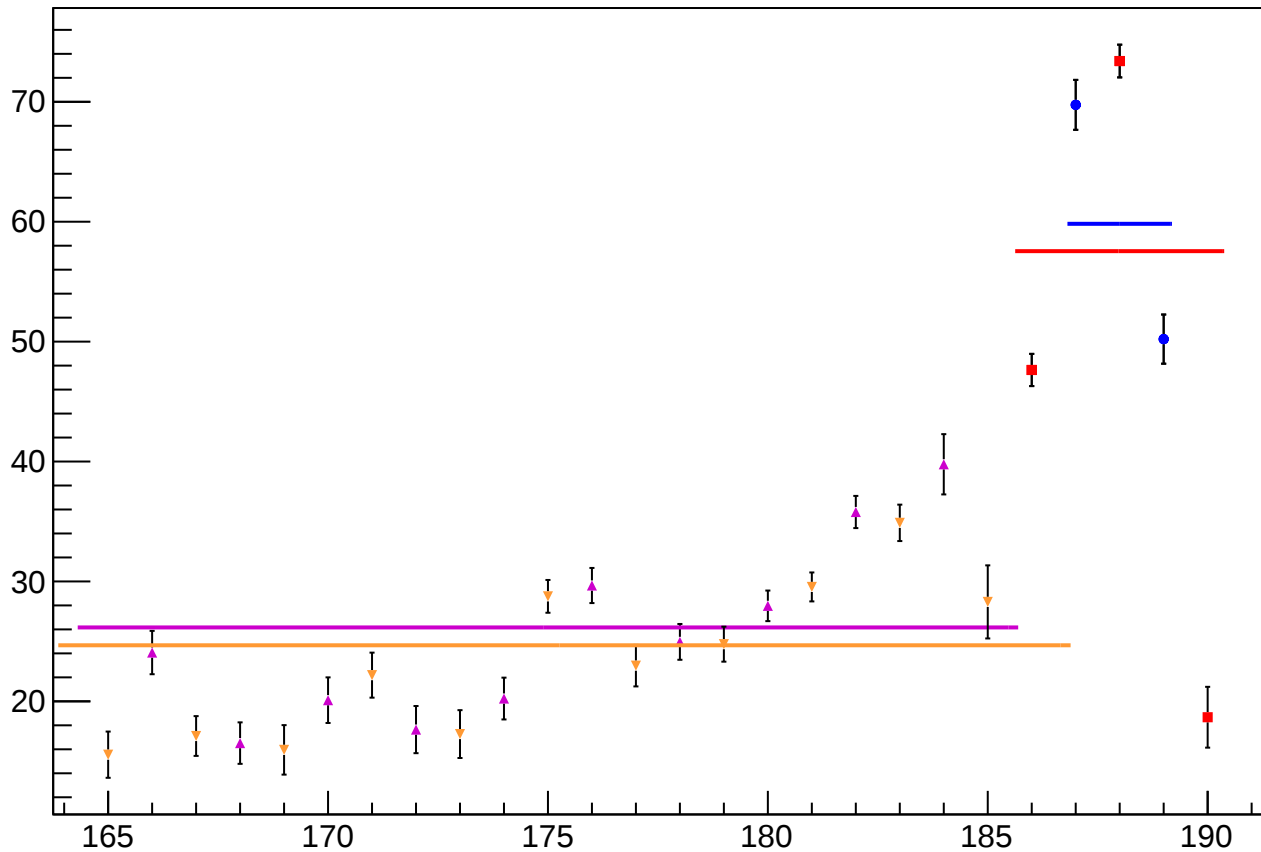
Left In: -14.083+/-0.023 χ^2/NDF : 30928.4/9

+ sign -14.957+/-0.022 χ^2/NDF : 55739.7/14

All: -14.939+/-0.015 χ^2/NDF : 128300.6/29

- sign -14.921+/-0.022 χ^2/NDF : 72559.5/14

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 59.825 ± 1.033 χ^2/NDF : 89.4/3

Left Out: 24.675 ± 0.502 χ^2/NDF : 149.4/10

Right Out: 57.545 ± 0.654 χ^2/NDF : 613.7/4

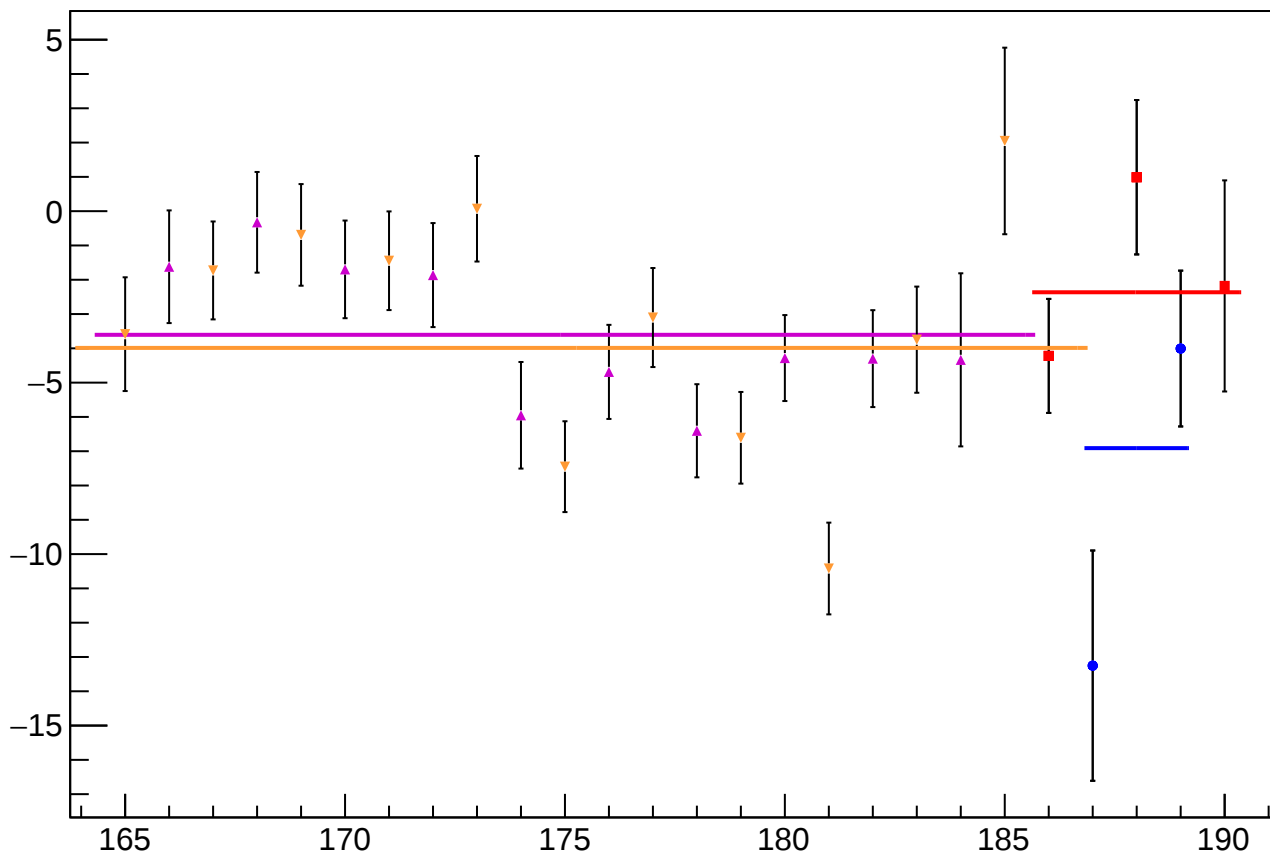
Left In: 26.164 ± 0.516 χ^2/NDF : 162.1/9

+ sign 31.389 ± 0.451 χ^2/NDF : 1175.4/14

All: 35.169 ± 0.302 χ^2/NDF : 3495.7/29

- sign 38.216 ± 0.405 χ^2/NDF : 2193.7/14

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -6.910 ± 1.330 $\chi^2/\text{NDF}: 10.4/3$

Left Out: -3.987 ± 0.450 $\chi^2/\text{NDF}: 56.7/10$

Right Out: -2.365 ± 0.904 $\chi^2/\text{NDF}: 6.9/4$

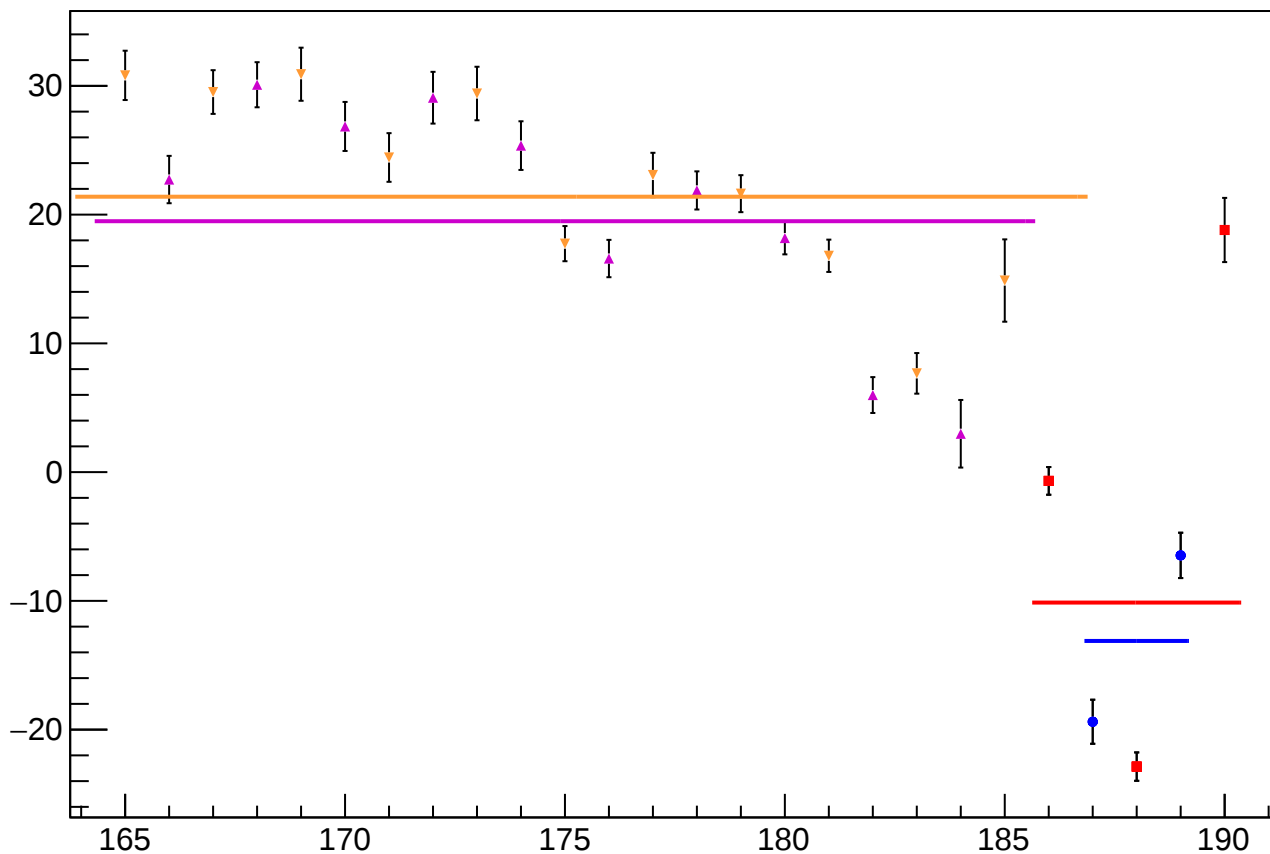
Left In: -3.606 ± 0.469 $\chi^2/\text{NDF}: 17.3/9$

+ sign -4.287 ± 0.426 $\chi^2/\text{NDF}: 71.4/14$

All: -3.804 ± 0.298 $\chi^2/\text{NDF}: 99.7/29$

- sign -3.342 ± 0.416 $\chi^2/\text{NDF}: 25.8/14$

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: -13.113±/0.868 χ^2/NDF : 55.4/3

Left Out: 21.392±/0.509 χ^2/NDF :187.2/10

Right Out: -10.132±/0.532 χ^2/NDF : 556.3/4

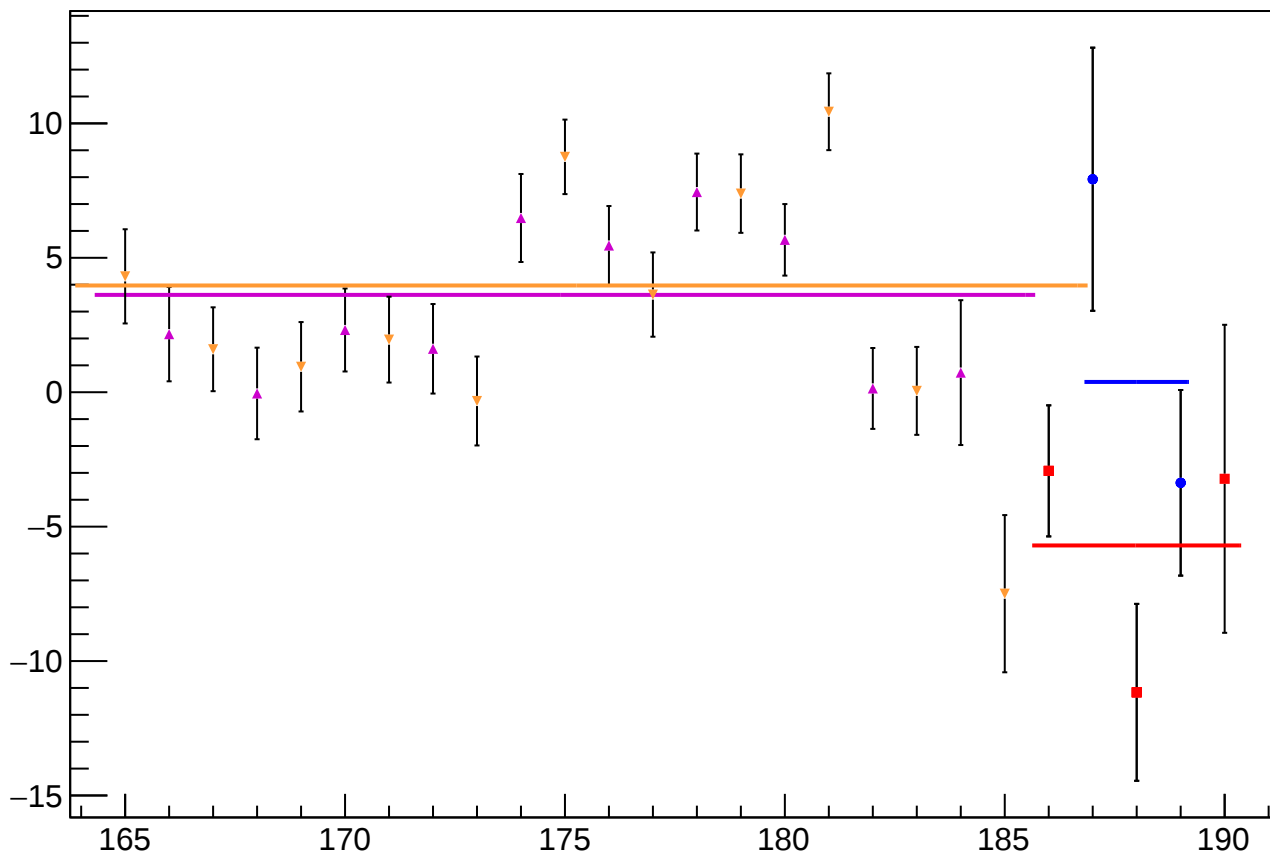
Left In: 19.489±/0.524 χ^2/NDF :228.3/9

+ sign 12.557±/0.439 χ^2/NDF : 1419.0/14

All: 8.109±/0.284 χ^2/NDF : 3953.6/29

- sign 4.893±/0.373 χ^2/NDF : 2357.7/14

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: 0.383 ± 1.995 $\chi^2/\text{NDF}: 7.1/3$

Left Out: 3.971 ± 0.486 $\chi^2/\text{NDF}: 73.0/10$

Right Out: -5.700 ± 1.346 $\chi^2/\text{NDF}: 8.3/4$

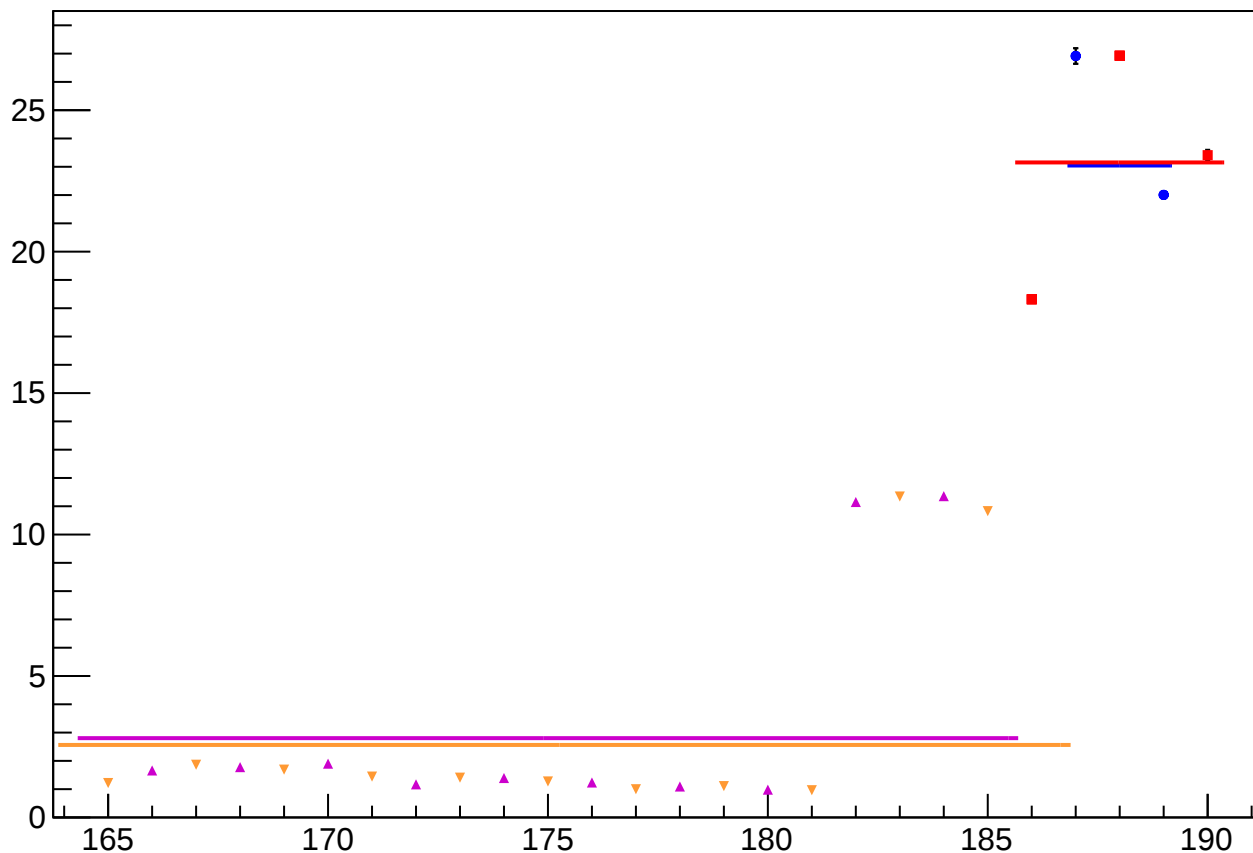
Left In: 3.621 ± 0.505 $\chi^2/\text{NDF}: 28.1/9$

+ sign 3.770 ± 0.472 $\chi^2/\text{NDF}: 83.2/14$

All: 3.121 ± 0.334 $\chi^2/\text{NDF}: 165.4/29$

- sign 2.470 ± 0.473 $\chi^2/\text{NDF}: 78.4/14$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 23.045 $\pm$ 0.090 χ^2 /NDF: 500.8/3

Left Out: 2.563 $\pm$ 0.022 χ^2 /NDF: 23109.2/10

Right Out: 23.153 $\pm$ 0.075 χ^2 /NDF: 2778.3/4

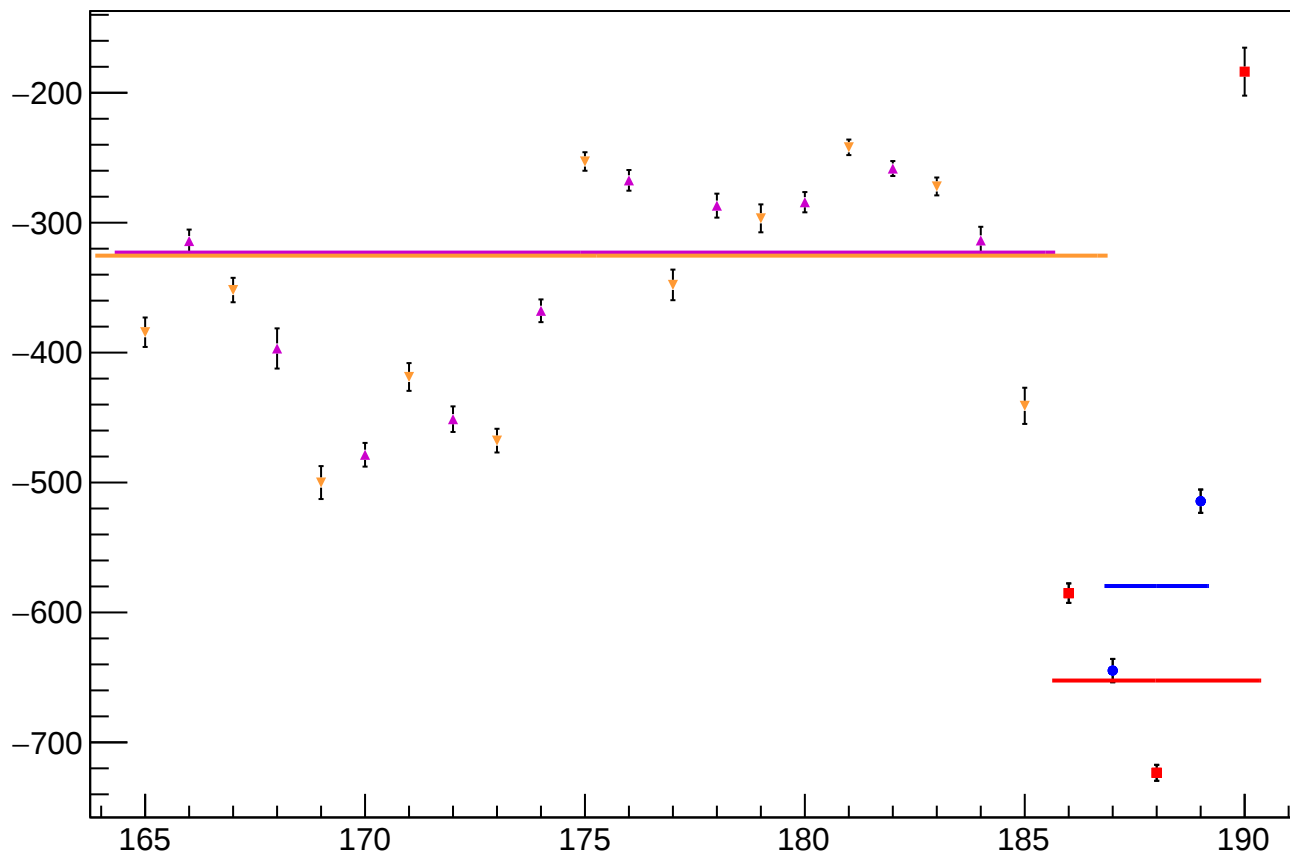
Left In: 2.803 $\pm$ 0.022 χ^2 /NDF: 24116.6/9

+ sign 3.696 $\pm$ 0.021 χ^2 /NDF: 72981.7/14

All: 4.077 $\pm$ 0.015 χ^2 /NDF: 168620.1/29

- sign 4.470 $\pm$ 0.021 χ^2 /NDF: 94973.5/14

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -579.652 $\pm$ 4.486 χ^2 /NDF: 211.2/3

Left Out: -325.360 $\pm$ 2.713 χ^2 /NDF:982.0/10

Right Out: -652.410 $\pm$ 3.305 χ^2 /NDF: 1072.9/4

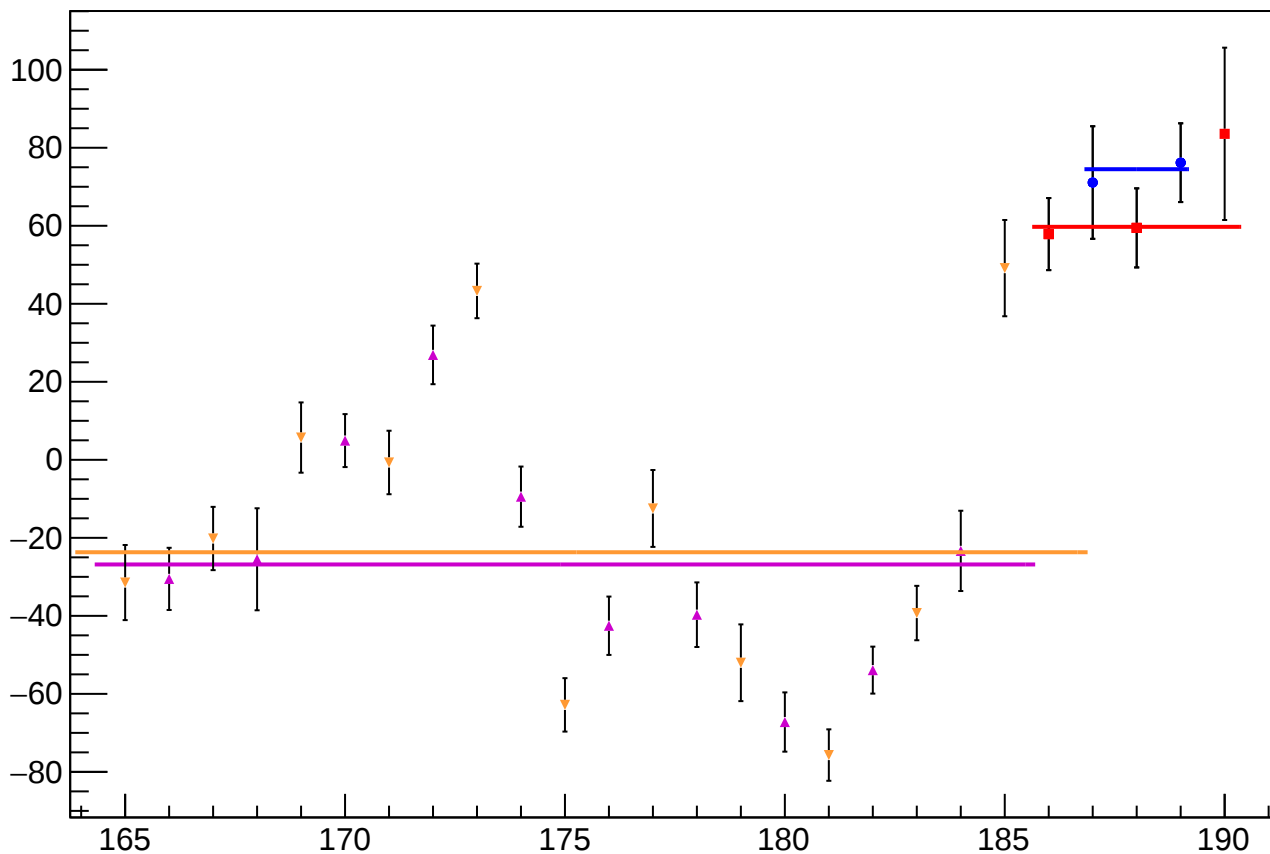
Left In: -323.003 $\pm$ 2.715 χ^2 /NDF:726.6/9

+ sign -393.468 $\pm$ 2.321 χ^2 /NDF: 3546.3/14

All: -427.751 $\pm$ 1.556 χ^2 /NDF: 11674.1/29

- sign -455.748 $\pm$ 2.098 χ^2 /NDF: 7731.6/14

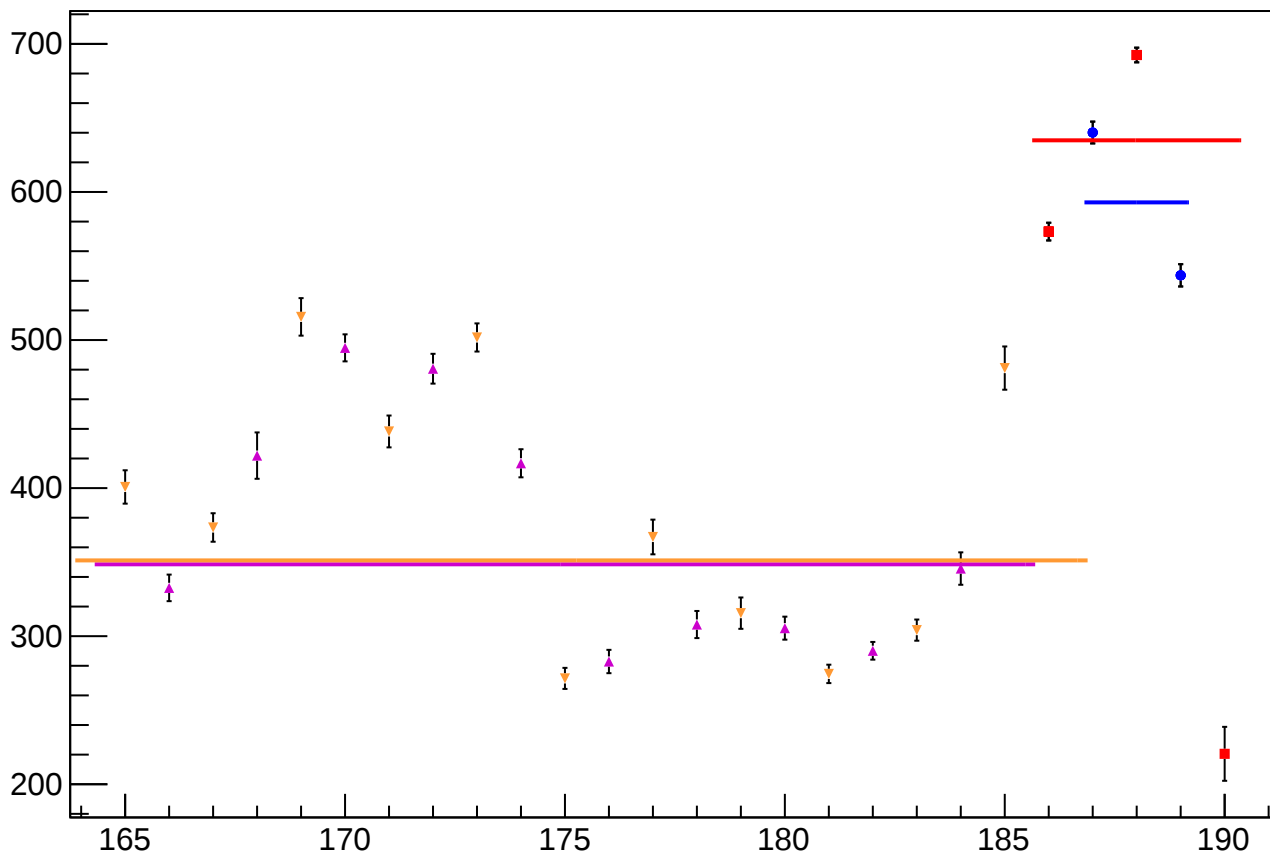
reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 74.500 $\pm$ 5.850 χ^2 /NDF: 0.2/3
 Left Out: -23.692 $\pm$ 2.455 χ^2 /NDF: 255.5/10
 Right Out: 59.728 $\pm$ 4.717 χ^2 /NDF: 1.2/4
 Left In: -26.826 $\pm$ 2.465 χ^2 /NDF: 133.8/9

+ sign -8.990 $\pm$ 2.264 χ^2 /NDF: 495.2/14
 All: -8.613 $\pm$ 1.572 χ^2 /NDF: 894.8/29
 - sign -8.262 $\pm$ 2.184 χ^2 /NDF: 399.5/14

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 592.968 ± 3.721 $\chi^2/\text{NDF}: 167.9/3$

Left Out: 351.171 ± 2.766 $\chi^2/\text{NDF}: 922.8/10$

Right Out: 634.884 ± 2.668 $\chi^2/\text{NDF}: 1000.4/4$

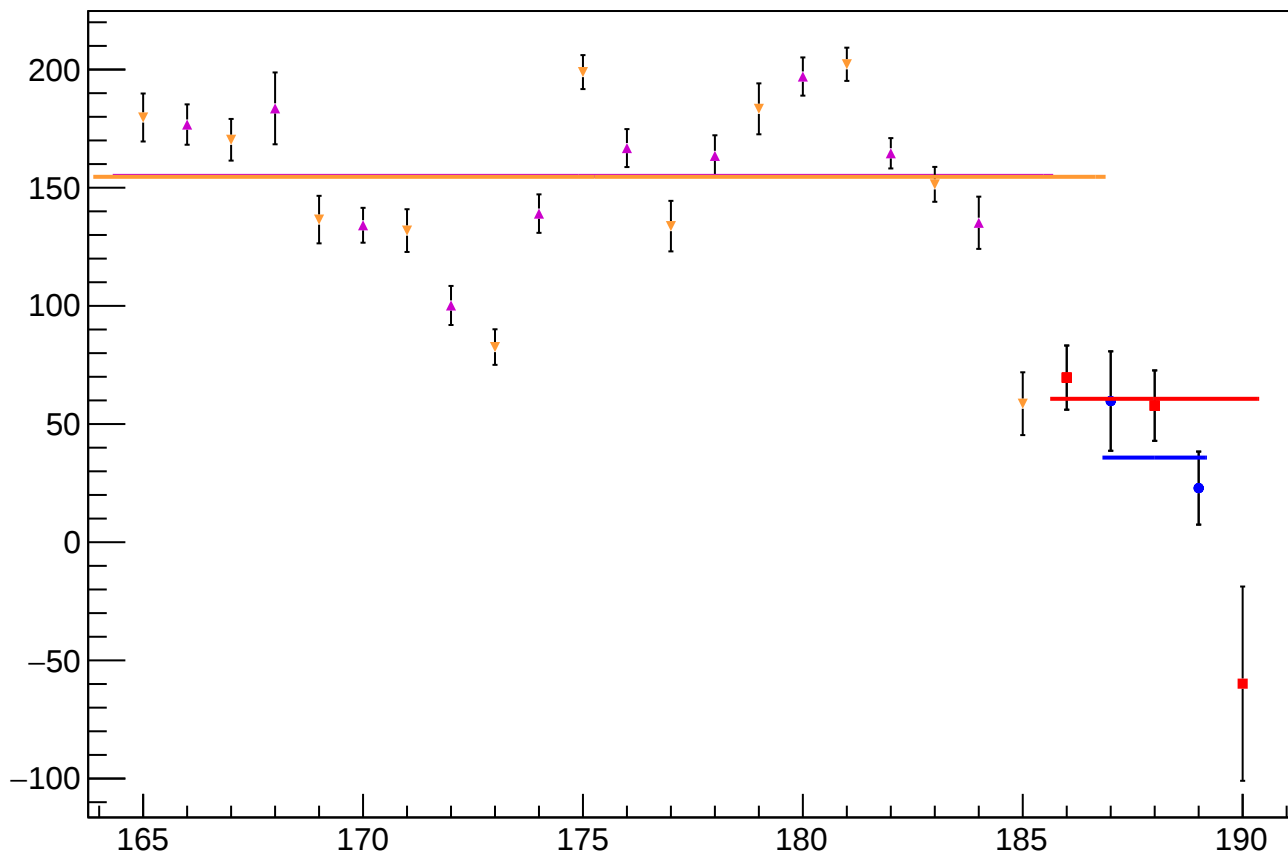
Left In: 348.534 ± 2.769 $\chi^2/\text{NDF}: 720.9/9$

+ sign 437.212 ± 2.220 $\chi^2/\text{NDF}: 3810.2/14$

All: 471.389 ± 1.453 $\chi^2/\text{NDF}: 11491.2/29$

- sign 496.993 ± 1.921 $\chi^2/\text{NDF}: 7266.4/14$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 35.808 $\pm$ 8.808 χ^2 /NDF: 4.0/3

Left Out: 154.612 $\pm$ 2.642 χ^2 /NDF: 257.6/10

Right Out: 60.678 $\pm$ 6.993 χ^2 /NDF: 9.5/4

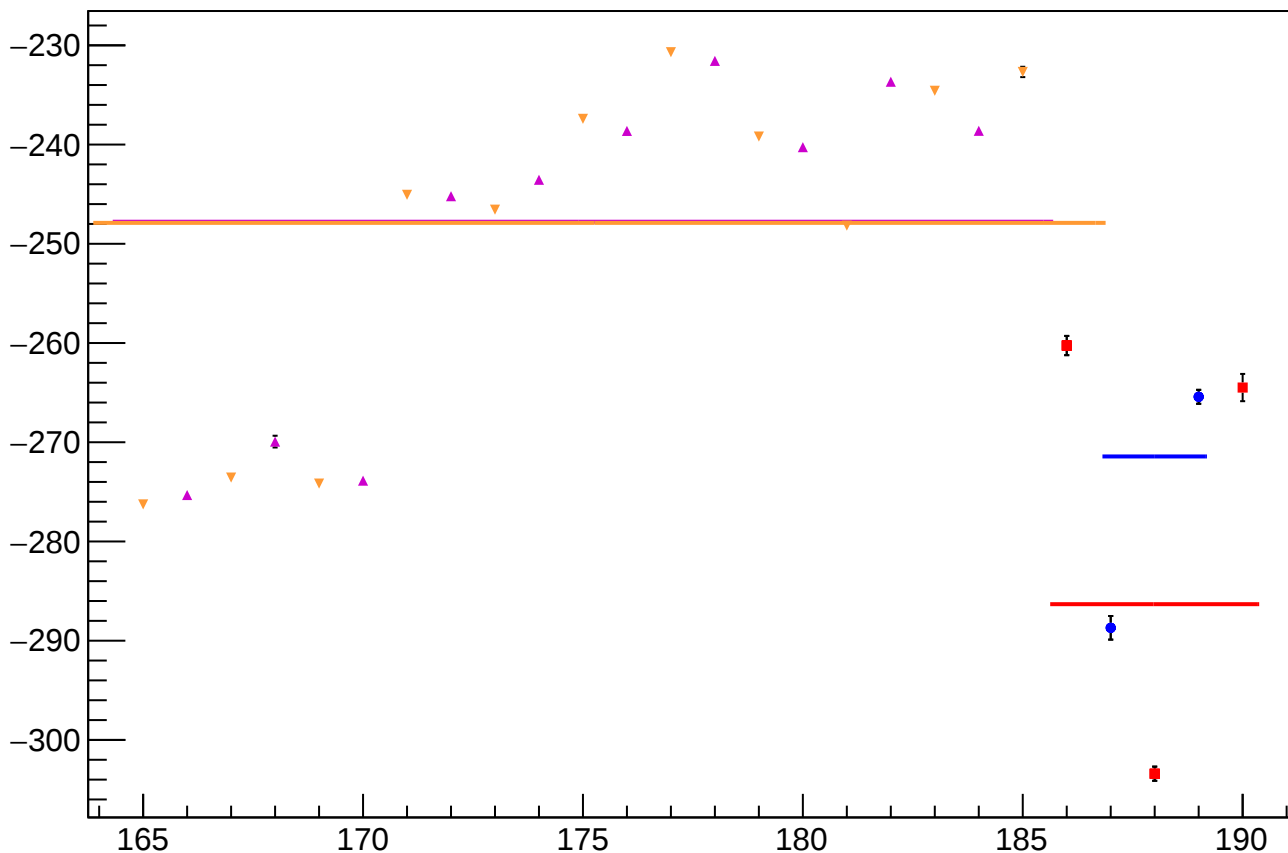
Left In: 155.007 $\pm$ 2.649 χ^2 /NDF: 101.4/9

+ sign 144.808 $\pm$ 2.530 χ^2 /NDF: 428.5/14

All: 143.972 $\pm$ 1.770 χ^2 /NDF: 698.8/29

- sign 143.172 $\pm$ 2.477 χ^2 /NDF: 270.1/14

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -271.432+/-0.428 χ^2/NDF : 567.5/3

Left Out: -247.891+/-0.119 χ^2/NDF : 16268.8/10

Right Out: -286.319+/-0.390 χ^2/NDF : 2840.2/4

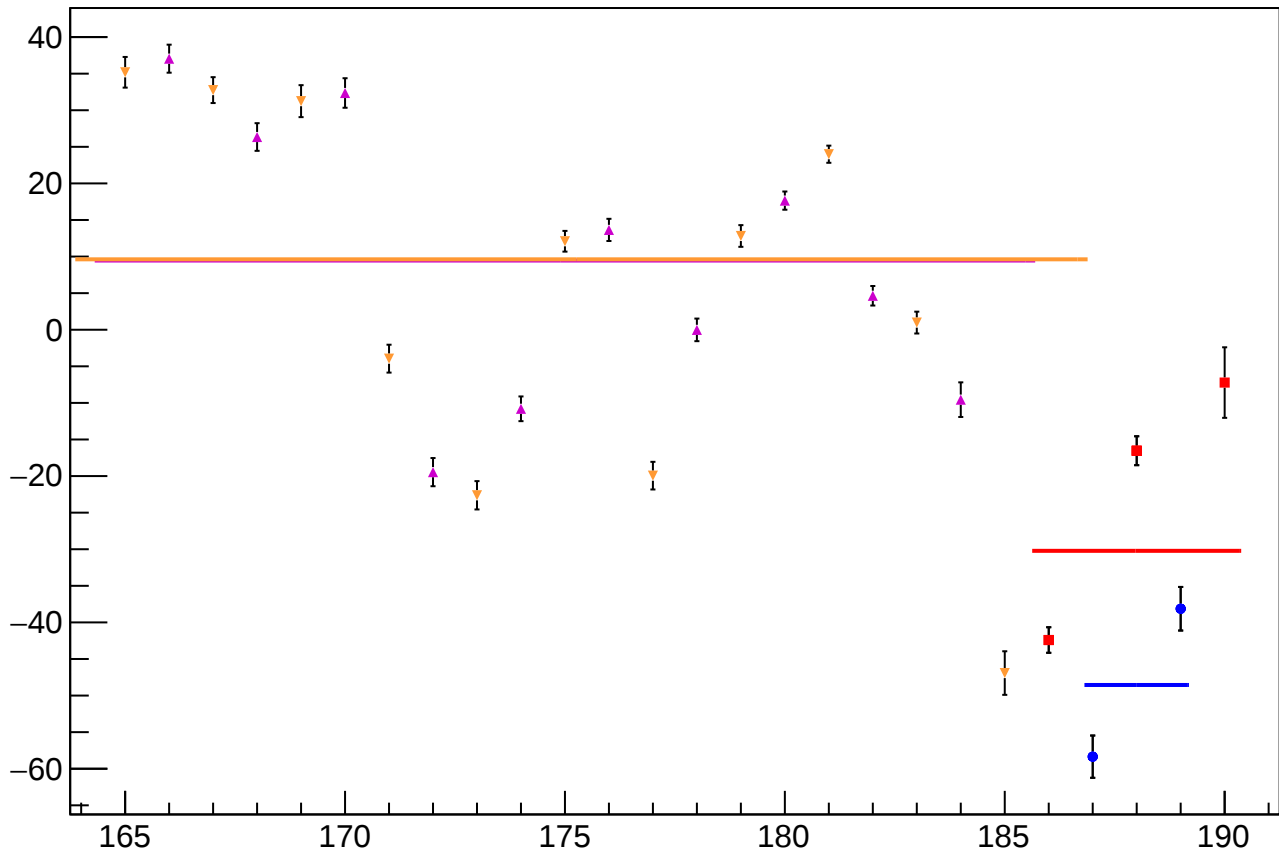
Left In: -247.777+/-0.119 χ^2/NDF : 17591.4/9

+ sign -249.585+/-0.115 χ^2/NDF : 19647.9/14

All: -250.335+/-0.081 χ^2/NDF : 49094.0/29

- sign -251.078+/-0.114 χ^2/NDF : 29361.0/14

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -48.552 ± 1.466 $\chi^2/\text{NDF}: 47.5/3$

Left Out: 9.623 ± 0.512 $\chi^2/\text{NDF}: 1542.6/10$

Right Out: -30.218 ± 0.909 $\chi^2/\text{NDF}: 216.1/4$

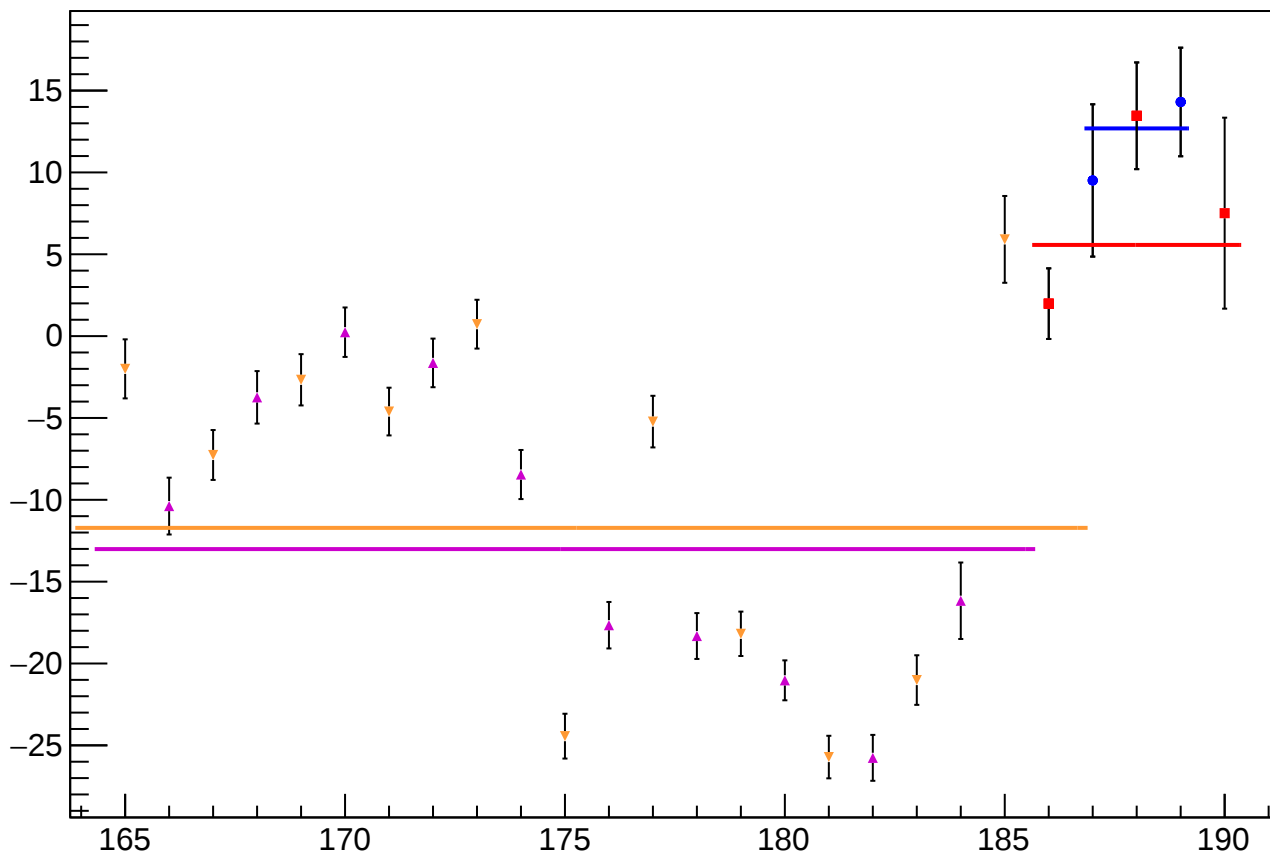
Left In: 9.457 ± 0.523 $\chi^2/\text{NDF}: 951.7/9$

+ sign 3.313 ± 0.483 $\chi^2/\text{NDF}: 2993.1/14$

All: 1.333 ± 0.330 $\chi^2/\text{NDF}: 5625.0/29$

- sign -0.409 ± 0.453 $\chi^2/\text{NDF}: 2600.3/14$

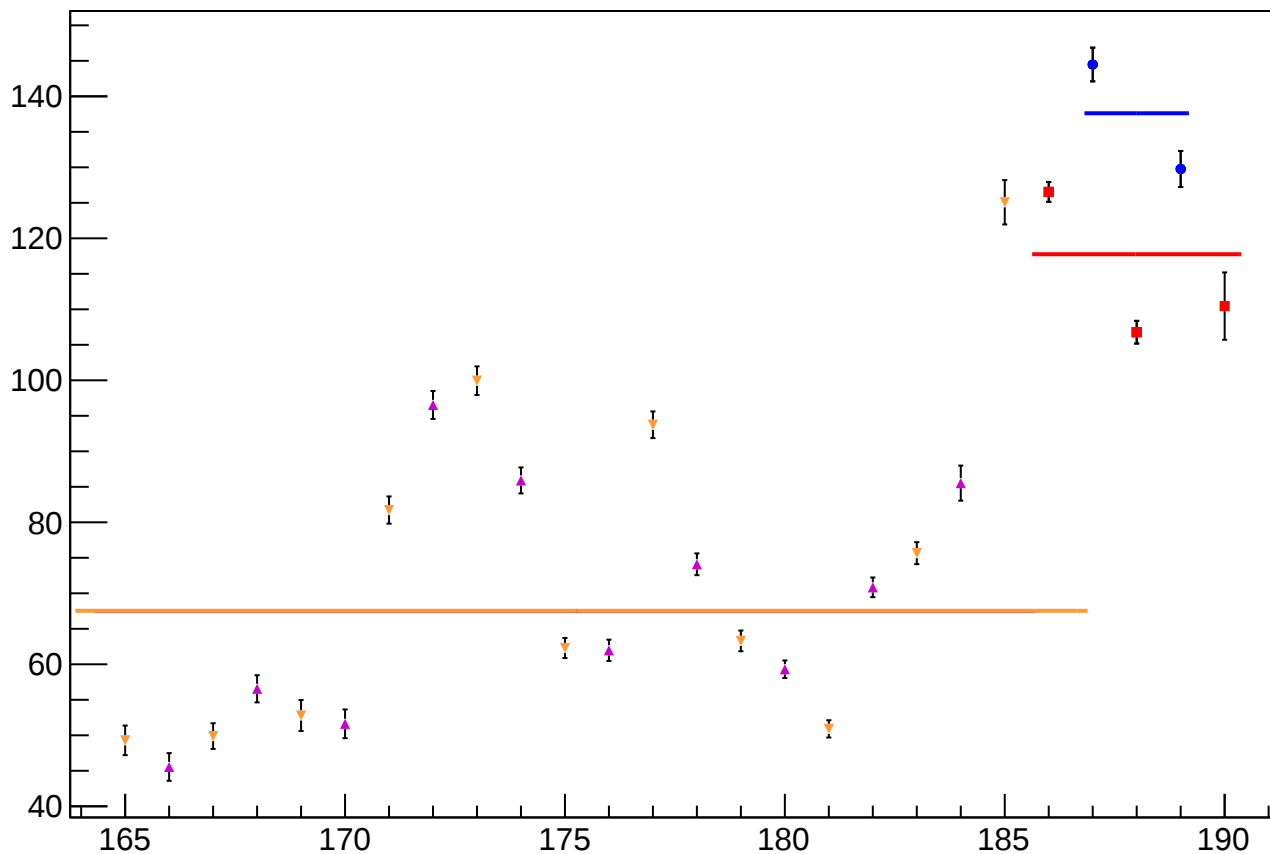
reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.688 $\pm$ 1.910 χ^2/NDF : 1.4/3
 Left Out: -11.715 $\pm$ 0.461 χ^2/NDF : 488.2/10
 Right Out: 5.571 $\pm$ 1.243 χ^2/NDF : 17.4/4
 Left In: -13.011 $\pm$ 0.475 χ^2/NDF : 333.3/9

+ sign -10.374 $\pm$ 0.448 χ^2/NDF : 643.9/14
 All: -10.508 $\pm$ 0.315 χ^2/NDF : 1189.8/29
 - sign -10.640 $\pm$ 0.444 χ^2/NDF : 545.7/14

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 137.613 $\pm$ 1.226 χ^2 /NDF: 35.9/3

Left Out: 67.539 $\pm$ 0.519 χ^2 /NDF:1299.5/10

Right Out: 117.761 $\pm$ 0.735 χ^2 /NDF: 175.7/4

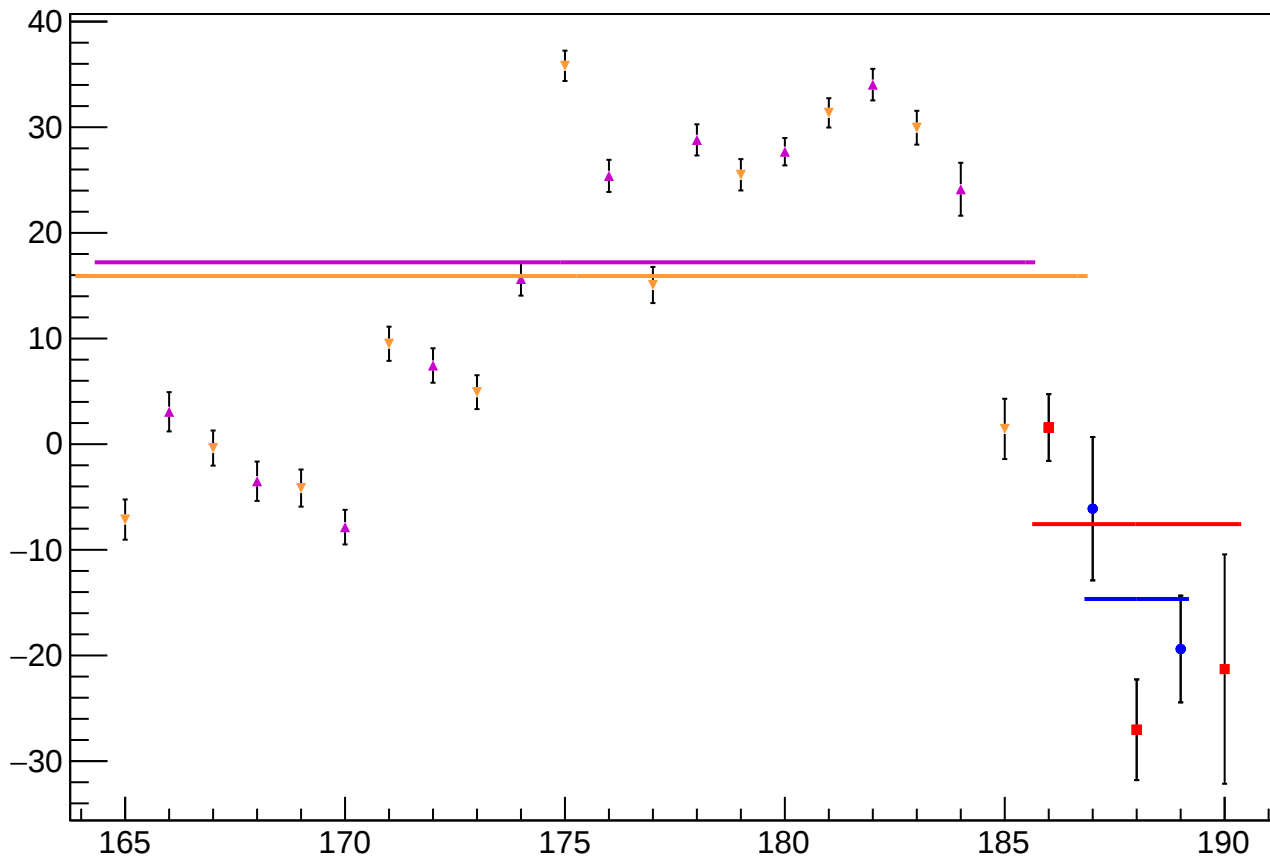
Left In: 67.504 $\pm$ 0.531 χ^2 /NDF:674.4/9

+ sign 78.211 $\pm$ 0.478 χ^2 /NDF: 4106.6/14

All: 81.813 $\pm$ 0.320 χ^2 /NDF: 8129.2/29

- sign 84.730 $\pm$ 0.431 χ^2 /NDF: 3920.0/14

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: -14.654 ± 2.864 $\chi^2/\text{NDF}: 4.9/3$

Left Out: 15.913 ± 0.497 $\chi^2/\text{NDF}: 896.5/10$

Right Out: -7.570 ± 1.835 $\chi^2/\text{NDF}: 51.7/4$

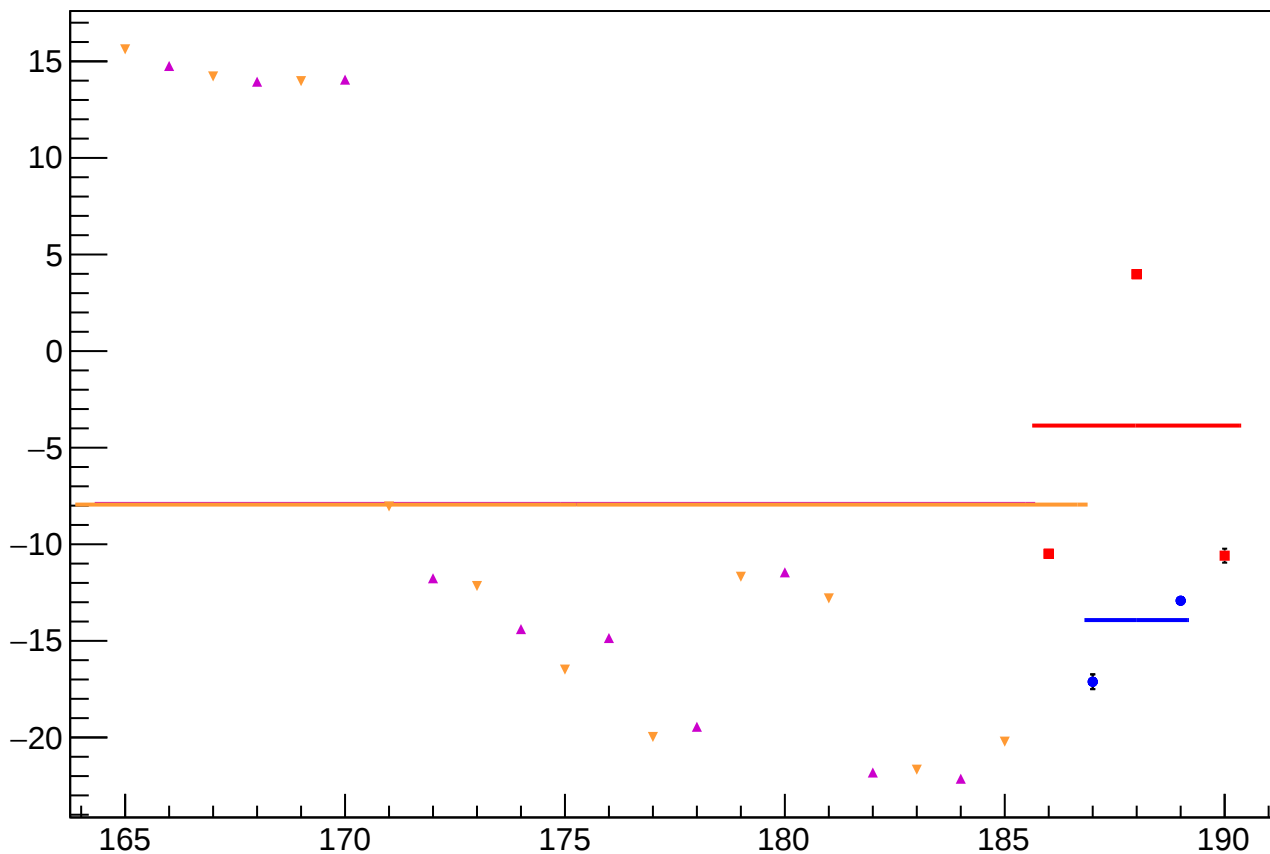
Left In: 17.214 ± 0.512 $\chi^2/\text{NDF}: 742.9/9$

+ sign 15.019 ± 0.490 $\chi^2/\text{NDF}: 1012.0/14$

All: 15.221 ± 0.347 $\chi^2/\text{NDF}: 1976.2/29$

- sign 15.426 ± 0.493 $\chi^2/\text{NDF}: 963.8/14$

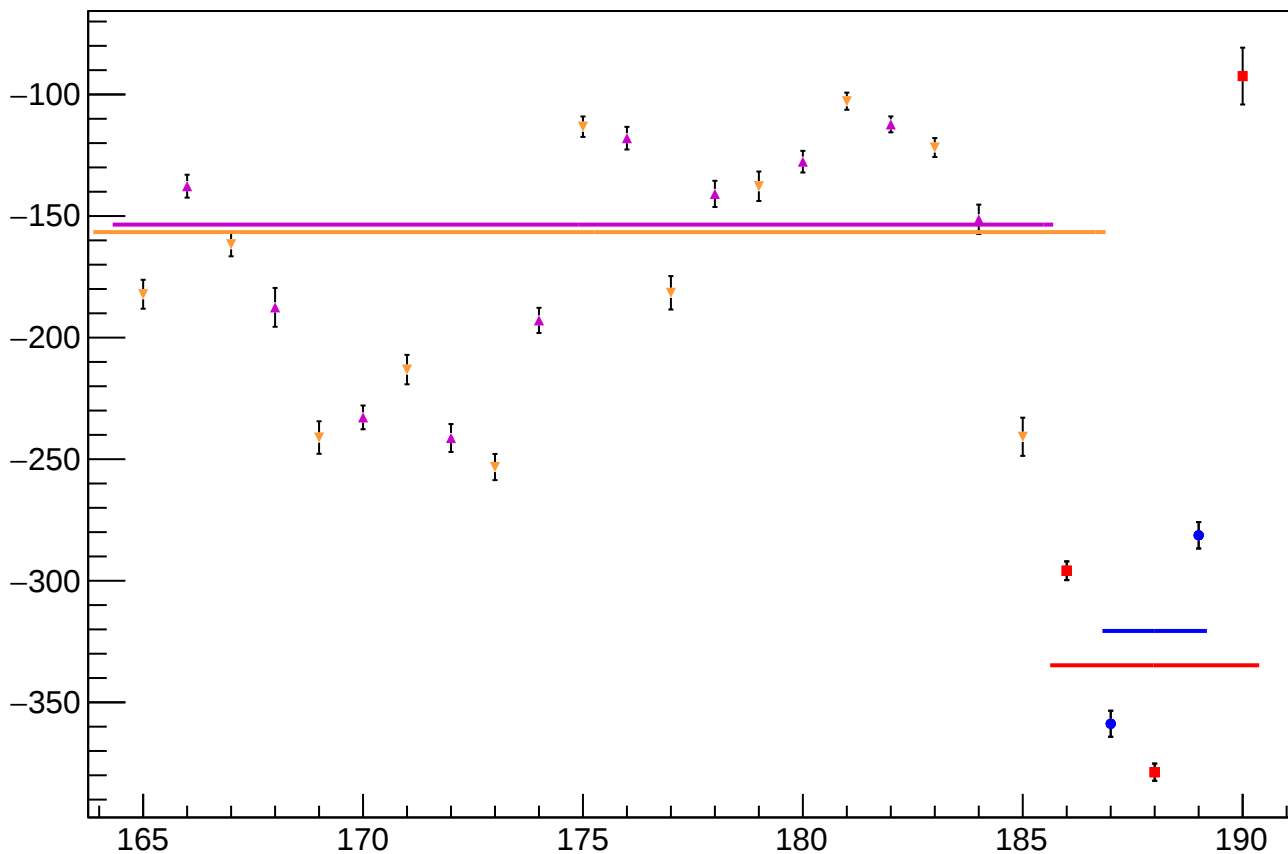
reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -13.924 +/- 0.132 χ^2/NDF : 182.5/3
 Left Out: -7.946 +/- 0.022 χ^2/NDF : 344373.6/10
 Right Out: -3.855 +/- 0.107 χ^2/NDF : 4584.8/4
 Left In: -7.911 +/- 0.023 χ^2/NDF : 360453.1/9

+ sign -8.109 +/- 0.022 χ^2/NDF : 346537.1/14
 All: -7.924 +/- 0.016 χ^2/NDF : 713102.1/29
 - sign -7.734 +/- 0.022 χ^2/NDF : 366420.8/14

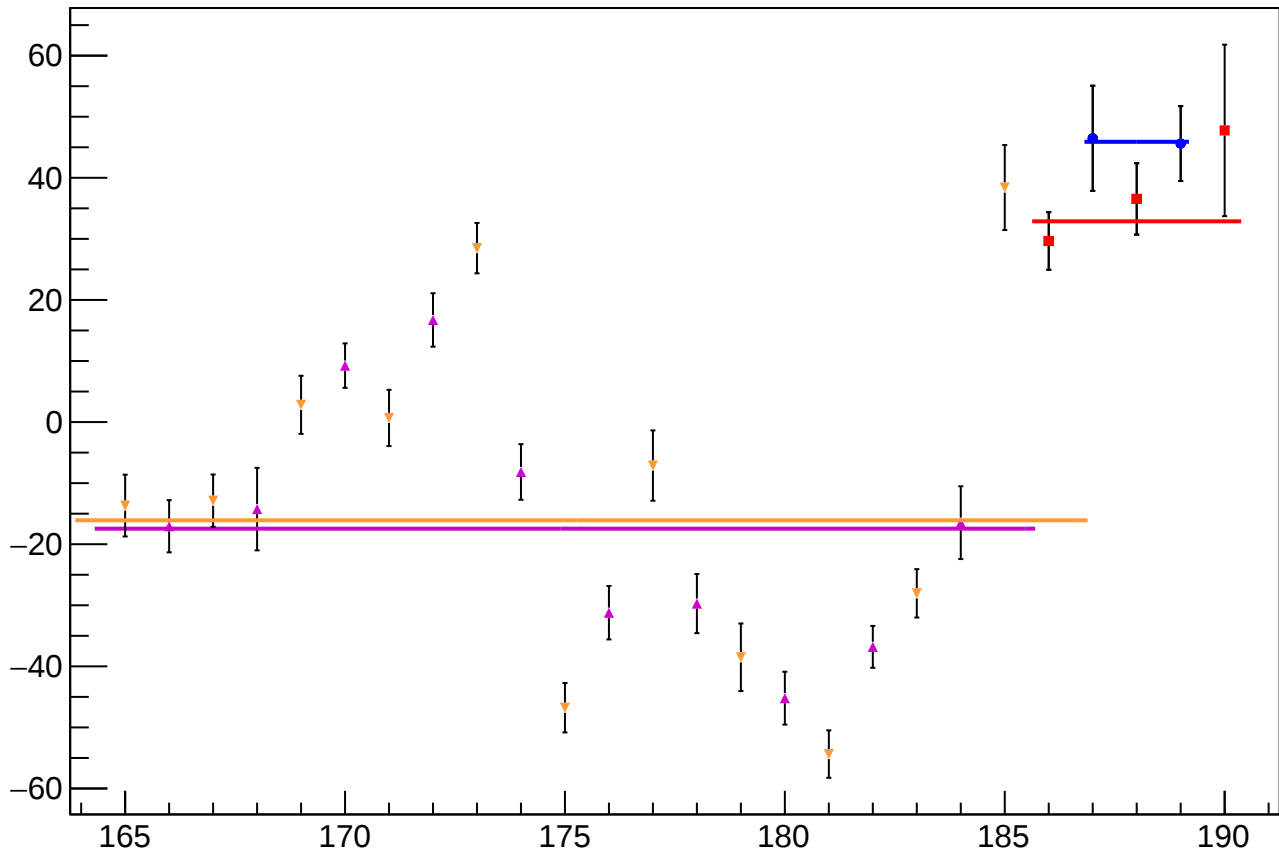
reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -320.636+/-2.698 χ^2/NDF : 206.3/3
 Left Out: -156.600+/-1.543 χ^2/NDF : 1145.3/10
 Right Out: -334.759+/-1.822 χ^2/NDF : 941.2/4
 Left In: -153.516+/-1.539 χ^2/NDF : 840.6/9

+ sign -197.007+/-1.339 χ^2/NDF : 4137.2/14
 All: -215.075+/-0.884 χ^2/NDF : 12014.7/29
 - sign -229.006+/-1.176 χ^2/NDF : 7555.1/14

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 45.895±/-3.531 χ^2/NDF : 0.0/3

Left Out: -16.084±/-1.389 χ^2/NDF :390.4/10

Right Out: 32.872±/-2.552 χ^2/NDF : 2.8/4

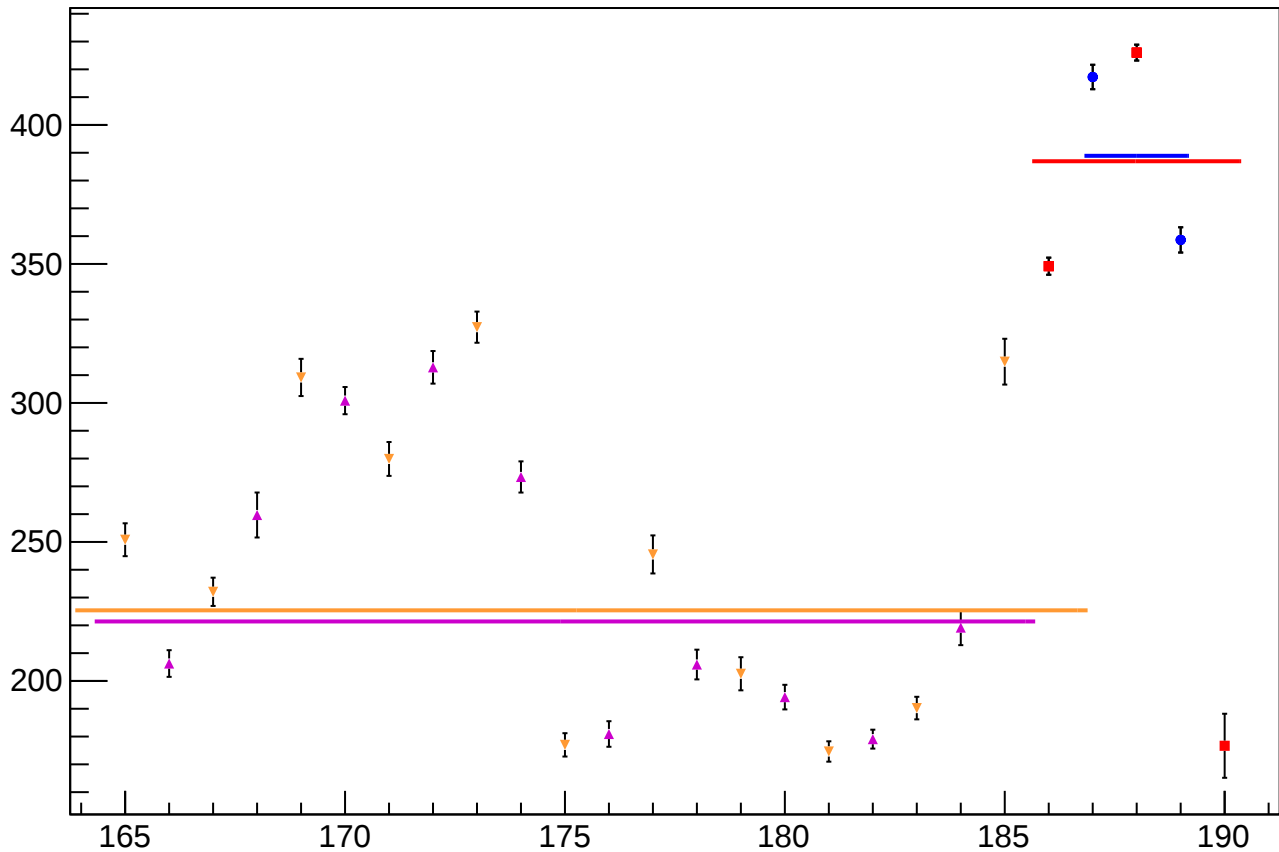
Left In: -17.452±/-1.395 χ^2/NDF :208.5/9

+ sign -7.780±/-1.293 χ^2/NDF : 657.2/14

All: -6.777±/-0.889 χ^2/NDF : 1169.2/29

- sign -5.878±/-1.224 χ^2/NDF : 510.9/14

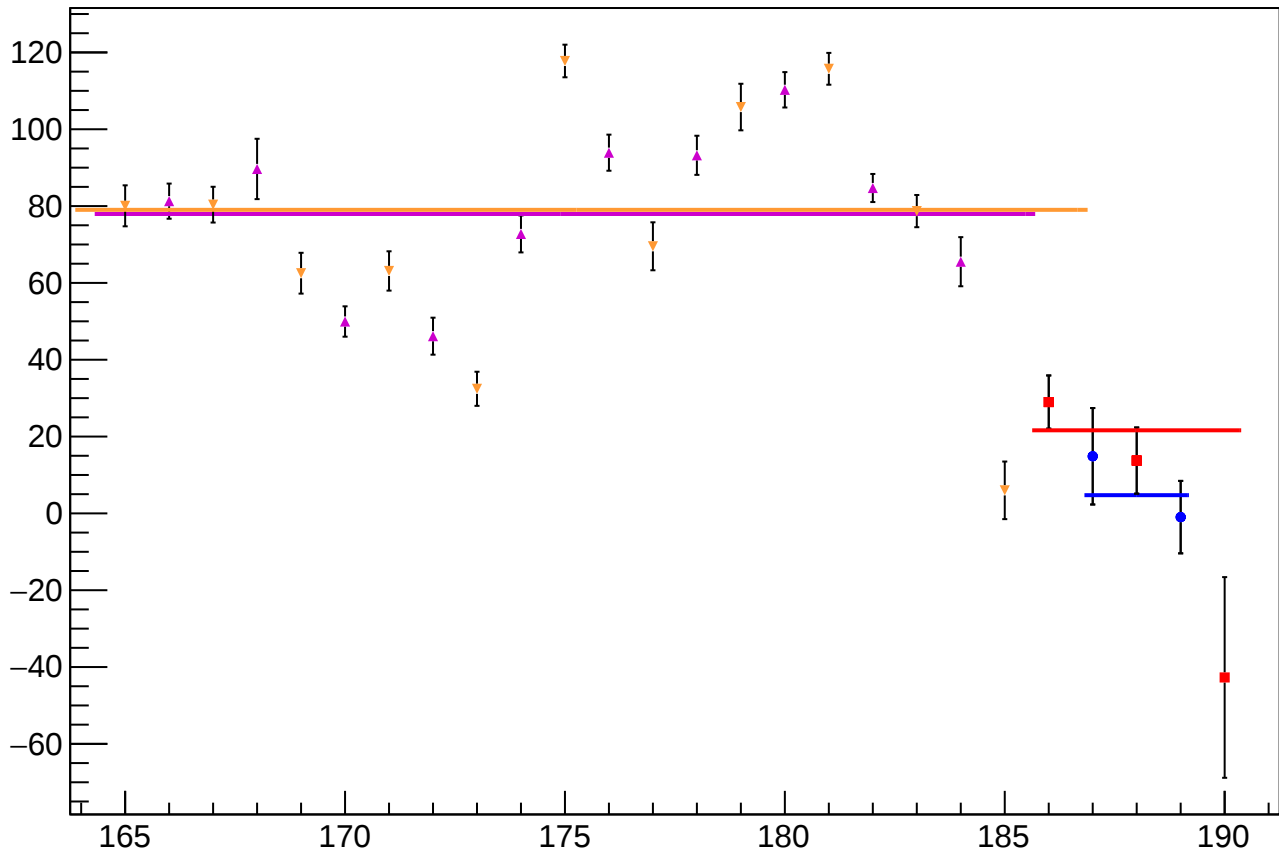
reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 388.899 +/- 2.235 χ^2/NDF : 171.8/3
 Left Out: 225.399 +/- 1.572 χ^2/NDF : 1128.5/10
 Right Out: 386.942 +/- 1.468 χ^2/NDF : 1008.7/4
 Left In: 221.400 +/- 1.569 χ^2/NDF : 903.4/9

+ sign 279.516 +/- 1.286 χ^2/NDF : 4881.6/14
 All: 297.312 +/- 0.823 χ^2/NDF : 13053.3/29
 - sign 309.686 +/- 1.072 χ^2/NDF : 7846.9/14

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 4.742 $\pm$ 5.332 χ^2/NDF : 2.0/3

Left Out: 79.023 $\pm$ 1.496 χ^2/NDF : 408.1/10

Right Out: 21.627 $\pm$ 3.775 χ^2/NDF : 10.0/4

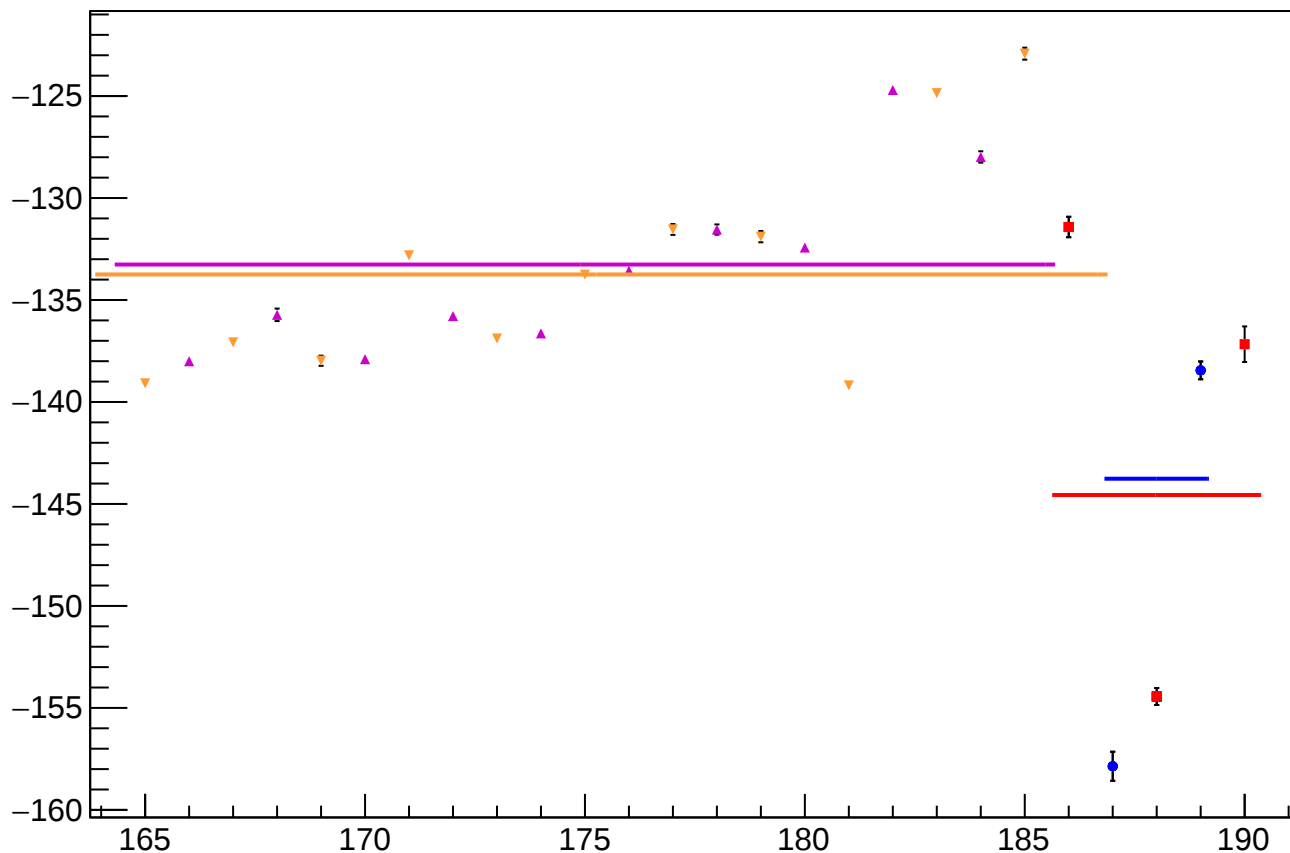
Left In: 77.939 $\pm$ 1.500 χ^2/NDF : 174.7/9

+ sign 73.603 $\pm$ 1.440 χ^2/NDF : 590.0/14

All: 71.879 $\pm$ 1.002 χ^2/NDF : 969.7/29

- sign 70.264 $\pm$ 1.394 χ^2/NDF : 376.9/14

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -143.762 ± 0.264 $\chi^2/\text{NDF}: 1078.2/3$

Left Out: -133.747 ± 0.067 $\chi^2/\text{NDF}: 5842.6/10$

Right Out: -144.561 ± 0.219 $\chi^2/\text{NDF}: 2580.6/4$

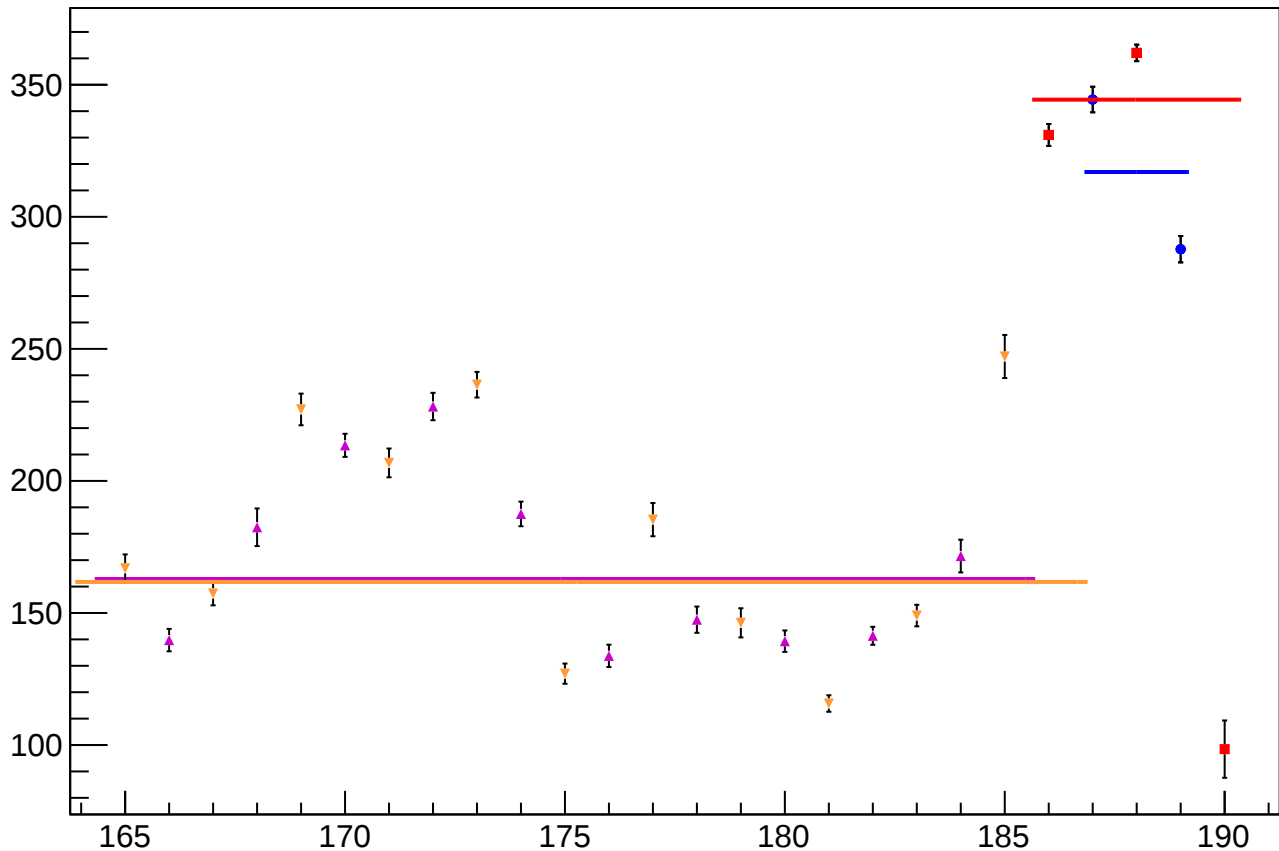
Left In: -133.261 ± 0.068 $\chi^2/\text{NDF}: 4712.4/9$

+ sign -134.362 ± 0.065 $\chi^2/\text{NDF}: 8276.2/14$

All: -134.302 ± 0.046 $\chi^2/\text{NDF}: 18005.6/29$

- sign -134.243 ± 0.065 $\chi^2/\text{NDF}: 9727.8/14$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 316.967 ± 2.458 $\chi^2/\text{NDF}: 132.8/3$

Left Out: 161.753 ± 1.423 $\chi^2/\text{NDF}: 866.2/10$

Right Out: 344.365 ± 1.742 $\chi^2/\text{NDF}: 598.3/4$

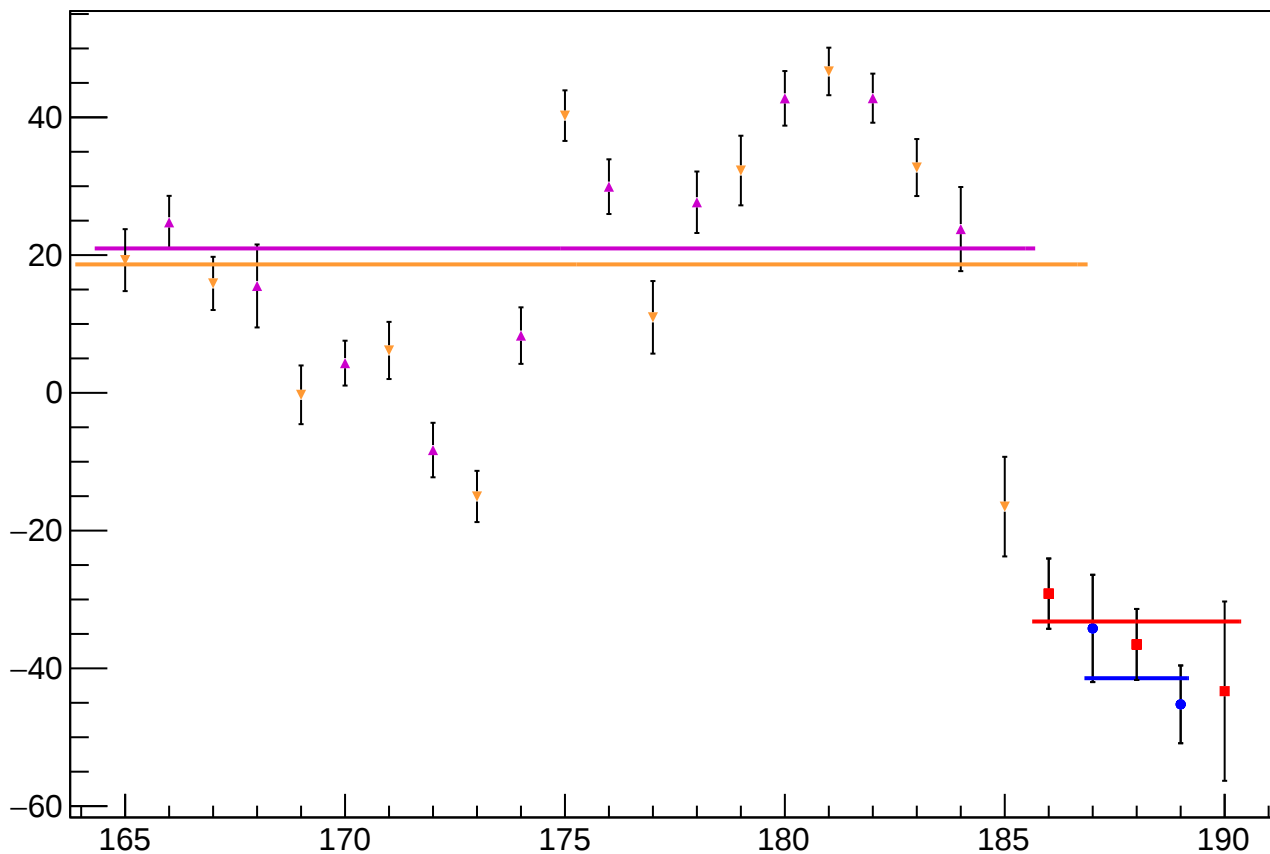
Left In: 162.869 ± 1.443 $\chi^2/\text{NDF}: 490.6/9$

+ sign 200.733 ± 1.232 $\chi^2/\text{NDF}: 3985.2/14$

All: 220.589 ± 0.825 $\chi^2/\text{NDF}: 11985.5/29$

- sign 236.746 ± 1.111 $\chi^2/\text{NDF}: 7529.0/14$

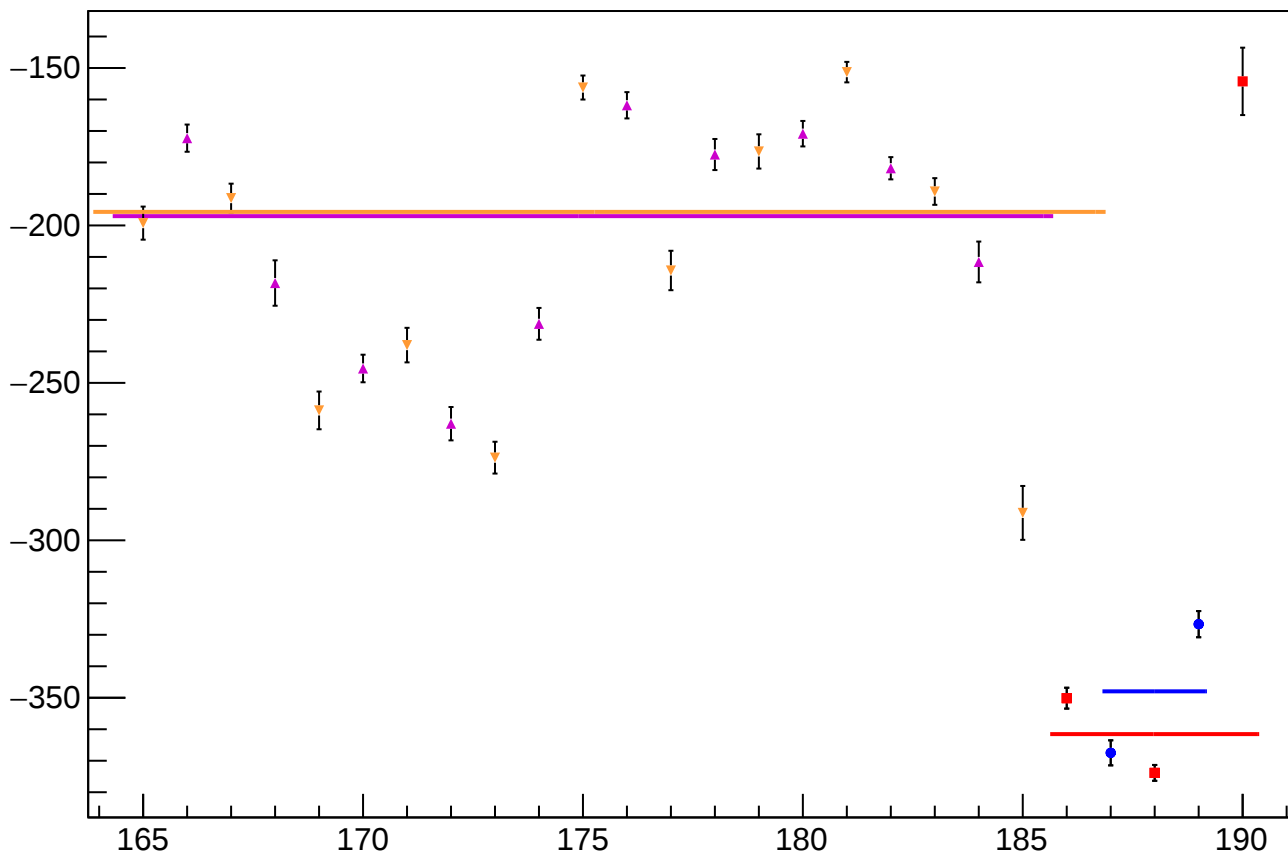
reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: -41.429 ± 3.232 χ^2/NDF : 2.6/3
 Left Out: 18.649 ± 1.277 χ^2/NDF : 256.4/10
 Right Out: -33.195 ± 2.516 χ^2/NDF : 2.7/4
 Left In: 20.967 ± 1.296 χ^2/NDF : 167.5/9

+ sign 10.531 ± 1.188 χ^2/NDF : 557.9/14
 All: 10.058 ± 0.827 χ^2/NDF : 1094.7/29
 - sign 9.614 ± 1.152 χ^2/NDF : 536.4/14

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -347.963+/-2.031 χ^2/NDF : 101.0/3

Left Out: -195.694+/-1.449 χ^2/NDF : 852.2/10

Right Out: -361.542+/-1.405 χ^2/NDF : 446.7/4

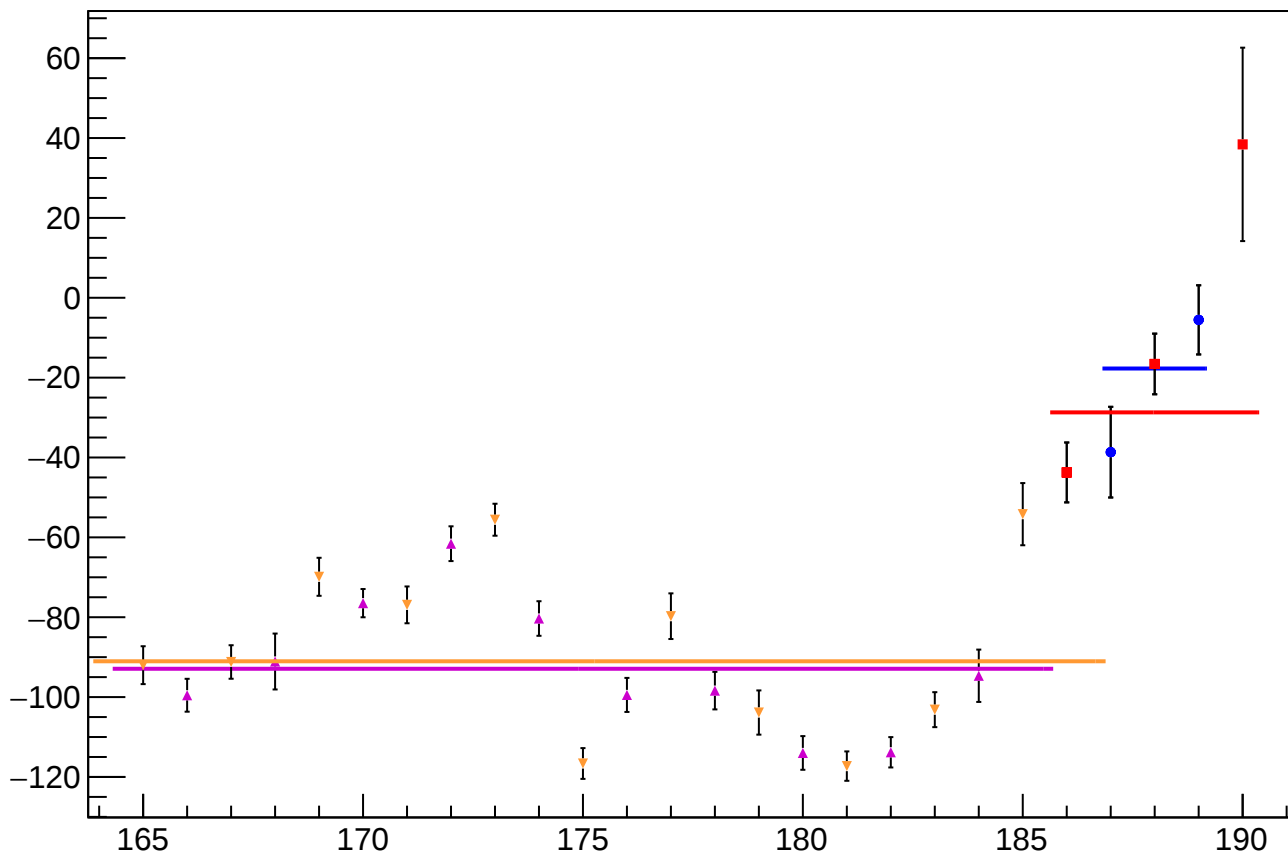
Left In: -197.048+/-1.469 χ^2/NDF : 516.6/9

+ sign -247.053+/-1.180 χ^2/NDF : 4677.1/14

All: -267.692+/-0.770 χ^2/NDF : 12721.8/29

- sign -282.981+/-1.015 χ^2/NDF : 7511.9/14

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -17.718 ± 4.870 χ^2/NDF : 10.8/3

Left Out: -91.034 ± 1.376 χ^2/NDF : 241.9/10

Right Out: -28.703 ± 3.728 χ^2/NDF : 20.8/4

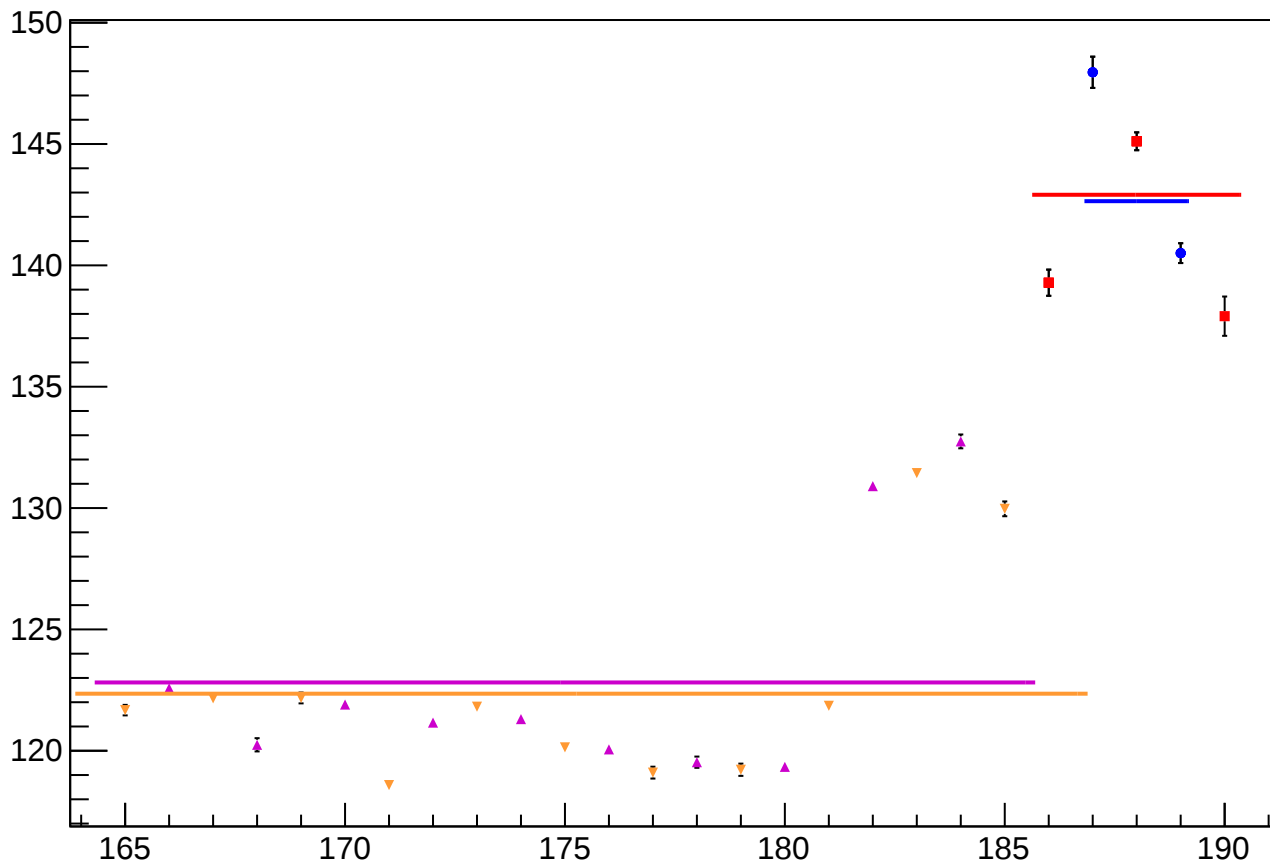
Left In: -92.910 ± 1.394 χ^2/NDF : 143.5/9

+ sign -85.611 ± 1.325 χ^2/NDF : 462.6/14

All: -85.318 ± 0.930 χ^2/NDF : 887.2/29

- sign -85.035 ± 1.306 χ^2/NDF : 424.5/14

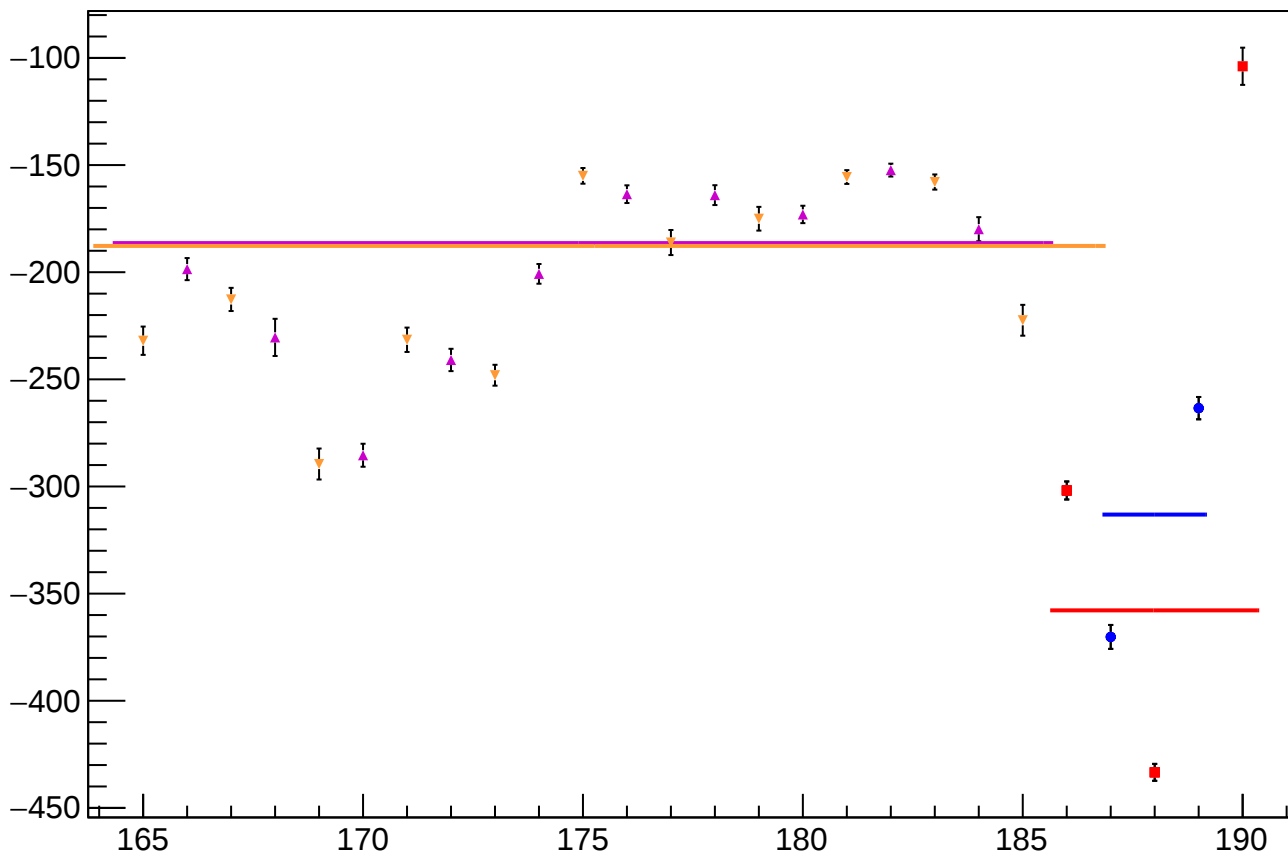
reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 142.645 $\pm$ 0.244 χ^2/NDF : 191.2/3
 Left Out: 122.351 $\pm$ 0.062 χ^2/NDF : 3695.6/10
 Right Out: 142.909 $\pm$ 0.208 χ^2/NDF : 200.3/4
 Left In: 122.814 $\pm$ 0.063 χ^2/NDF : 4382.2/9

+ sign 123.588 $\pm$ 0.060 χ^2/NDF : 10391.1/14
 All: 124.042 $\pm$ 0.043 χ^2/NDF : 23665.3/29
 - sign 124.492 $\pm$ 0.060 χ^2/NDF : 13161.2/14

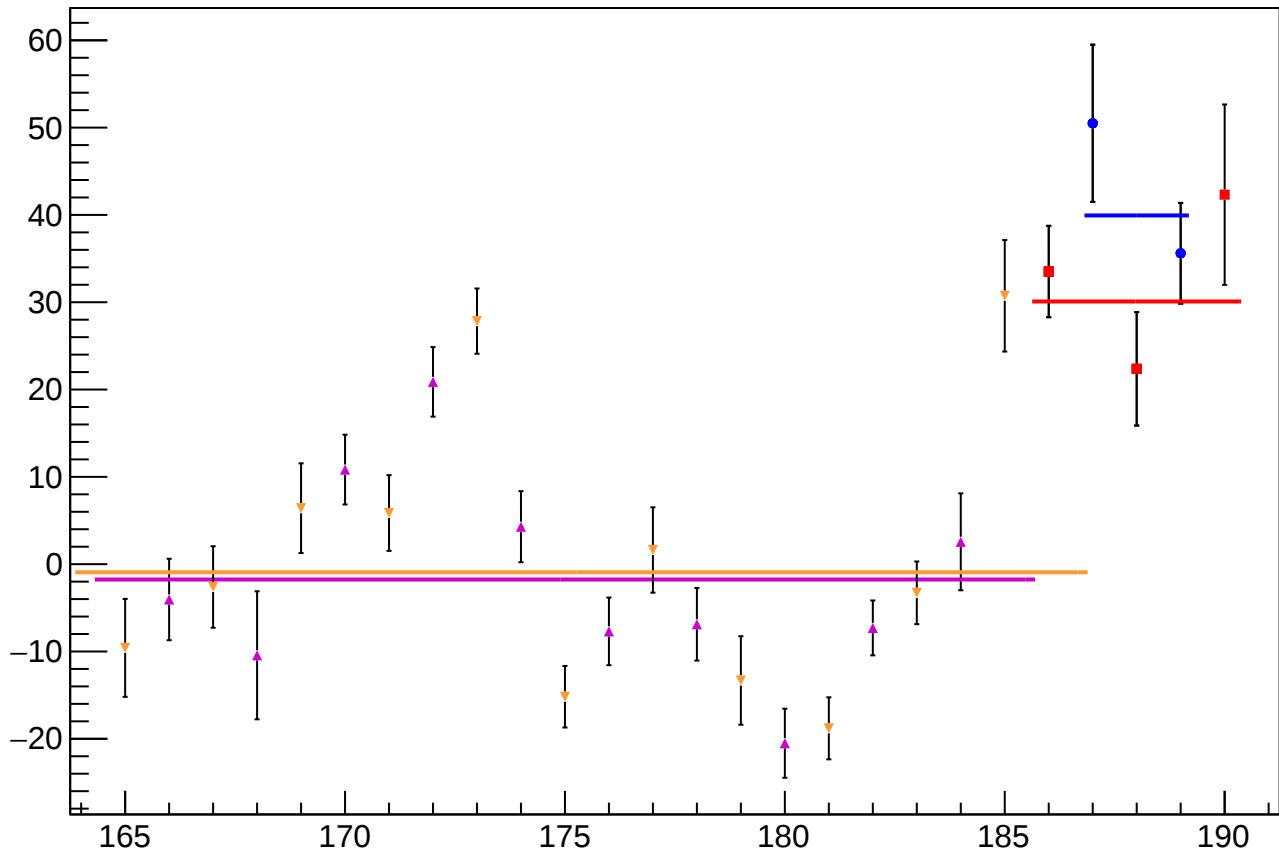
reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -313.109 ± 2.693 $\chi^2/\text{NDF}: 391.0/3$
 Left Out: -187.738 ± 1.442 $\chi^2/\text{NDF}: 756.2/10$
 Right Out: -357.815 ± 1.981 $\chi^2/\text{NDF}: 1942.8/4$
 Left In: -186.410 ± 1.446 $\chi^2/\text{NDF}: 686.0/9$

+ sign -215.658 ± 1.271 $\chi^2/\text{NDF}: 2831.7/14$
 All: -232.096 ± 0.860 $\chi^2/\text{NDF}: 10652.9/29$
 - sign -245.979 ± 1.168 $\chi^2/\text{NDF}: 7512.6/14$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 39.942 $\pm$ 3.434 χ^2/NDF : 3.9/3

Left Out: -0.928 $\pm$ 1.310 χ^2/NDF : 139.2/10

Right Out: 30.086 $\pm$ 2.776 χ^2/NDF : 5.1/4

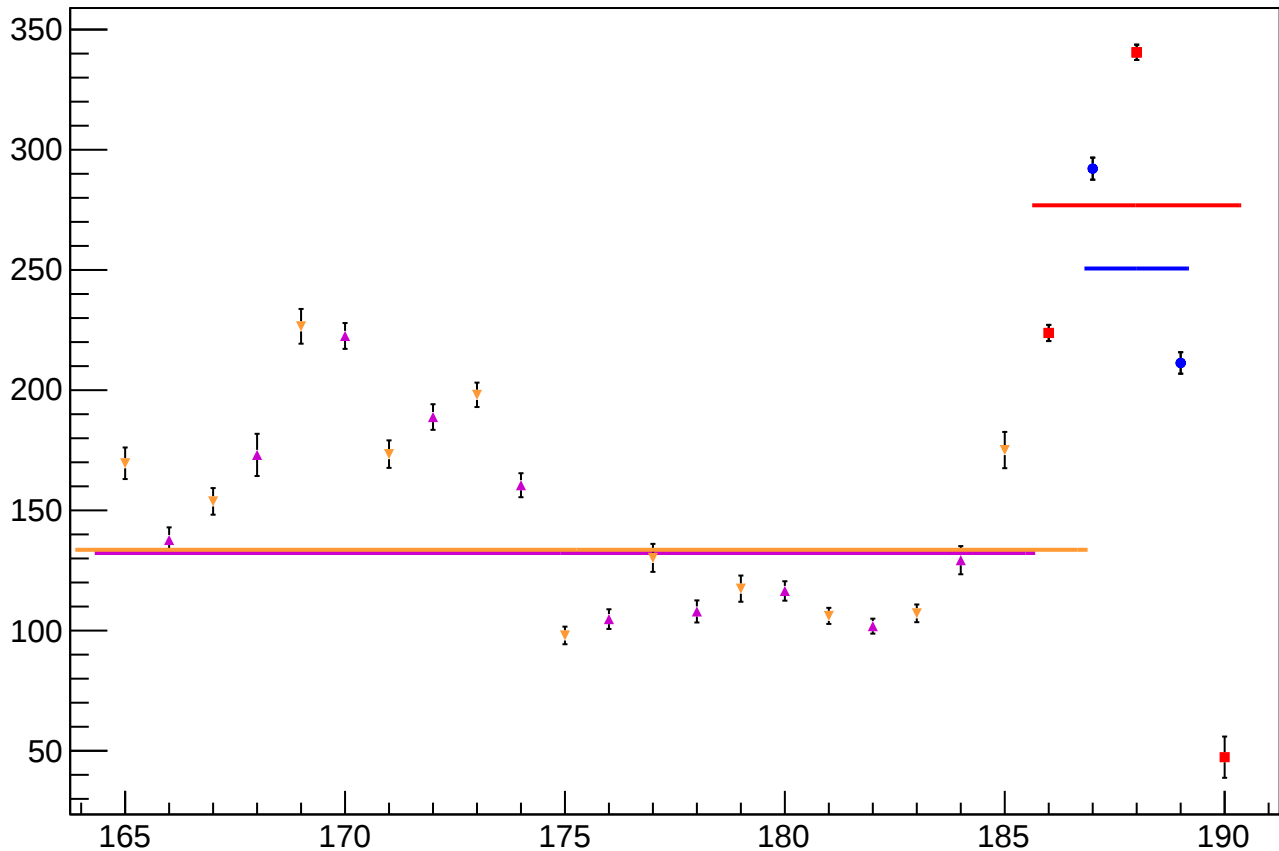
Left In: -1.755 $\pm$ 1.321 χ^2/NDF : 76.2/9

+ sign 4.263 $\pm$ 1.224 χ^2/NDF : 266.8/14

All: 4.194 $\pm$ 0.854 χ^2/NDF : 455.3/29

- sign 4.128 $\pm$ 1.193 χ^2/NDF : 188.5/14

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 250.609 $\pm$ 2.262 χ^2 /NDF: 318.9/3

Left Out: 133.609 $\pm$ 1.470 χ^2 /NDF: 671.8/10

Right Out: 276.894 $\pm$ 1.607 χ^2 /NDF: 2011.4/4

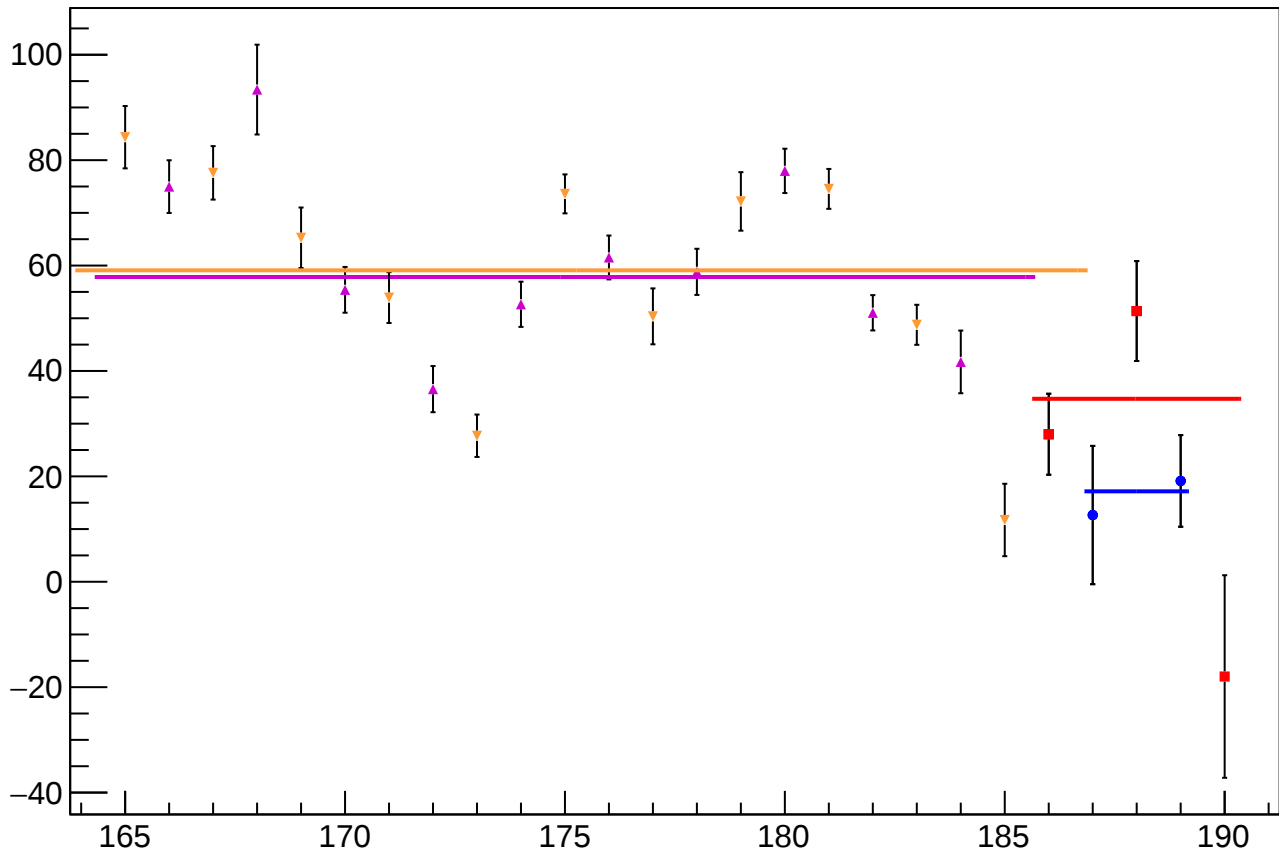
Left In: 132.276 $\pm$ 1.475 χ^2 /NDF: 633.8/9

+ sign 168.330 $\pm$ 1.232 χ^2 /NDF: 2871.7/14

All: 185.241 $\pm$ 0.815 χ^2 /NDF: 10248.1/29

- sign 198.386 $\pm$ 1.087 χ^2 /NDF: 7041.7/14

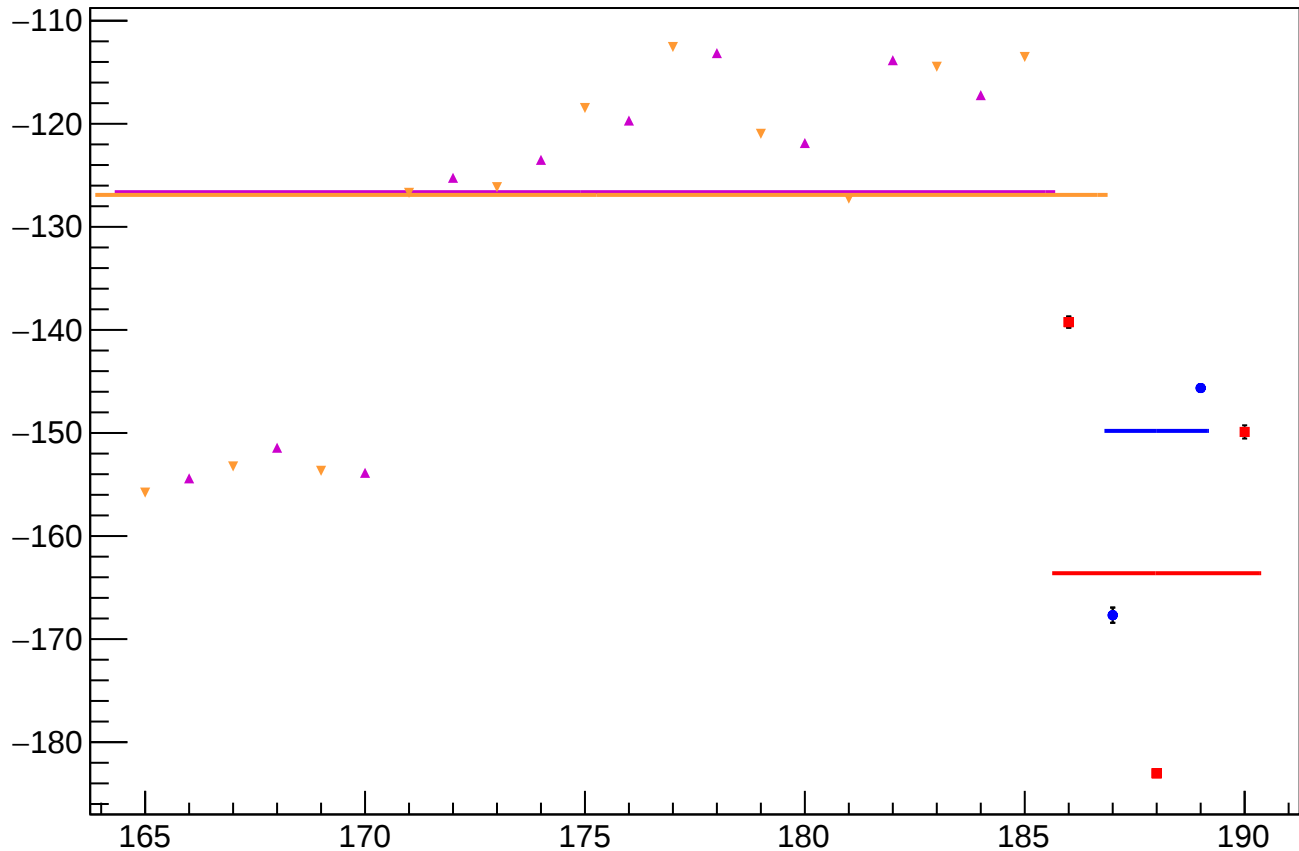
reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 17.158 ± 5.125 $\chi^2/\text{NDF}: 0.3/3$
 Left Out: 59.093 ± 1.409 $\chi^2/\text{NDF}: 190.0/10$
 Right Out: 34.719 ± 4.122 $\chi^2/\text{NDF}: 15.2/4$
 Left In: 57.828 ± 1.418 $\chi^2/\text{NDF}: 89.8/9$

+ sign 56.149 ± 1.358 $\chi^2/\text{NDF}: 252.6/14$
 All: 55.760 ± 0.954 $\chi^2/\text{NDF}: 385.8/29$
 - sign 55.382 ± 1.341 $\chi^2/\text{NDF}: 133.1/14$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -149.797 ± 0.227 $\chi^2/\text{NDF}: 1443.2/3$

Left Out: -126.899 ± 0.063 $\chi^2/\text{NDF}: 49525.4/10$

Right Out: -163.607 ± 0.226 $\chi^2/\text{NDF}: 8428.8/4$

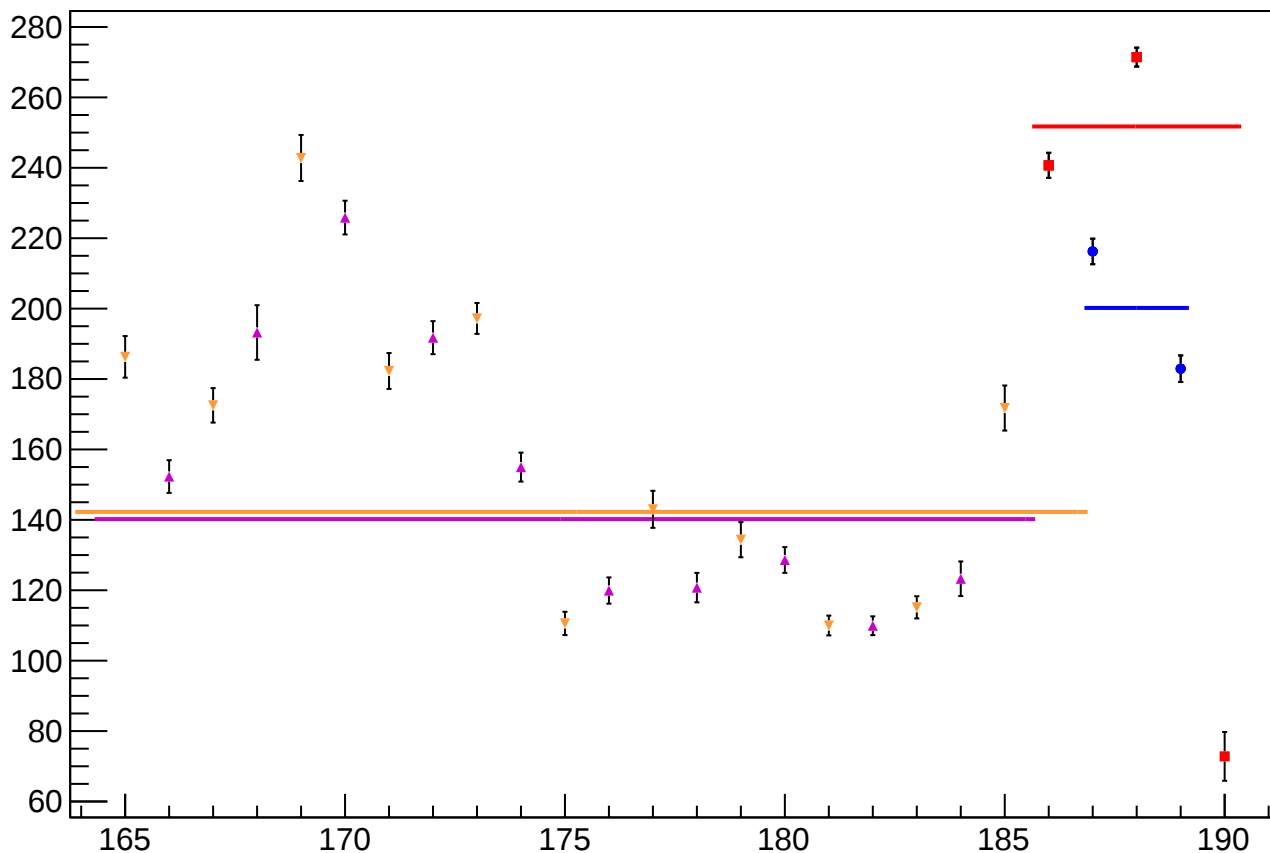
Left In: -126.635 ± 0.064 $\chi^2/\text{NDF}: 53466.5/9$

+ sign -128.554 ± 0.061 $\chi^2/\text{NDF}: 60407.7/14$

All: -128.963 ± 0.043 $\chi^2/\text{NDF}: 147234.4/29$

- sign -129.377 ± 0.061 $\chi^2/\text{NDF}: 86736.4/14$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 200.197 $\pm$ 1.848 χ^2 /NDF: 81.1/3

Left Out: 142.255 $\pm$ 1.288 χ^2 /NDF: 868.7/10

Right Out: 251.738 $\pm$ 1.481 χ^2 /NDF: 792.9/4

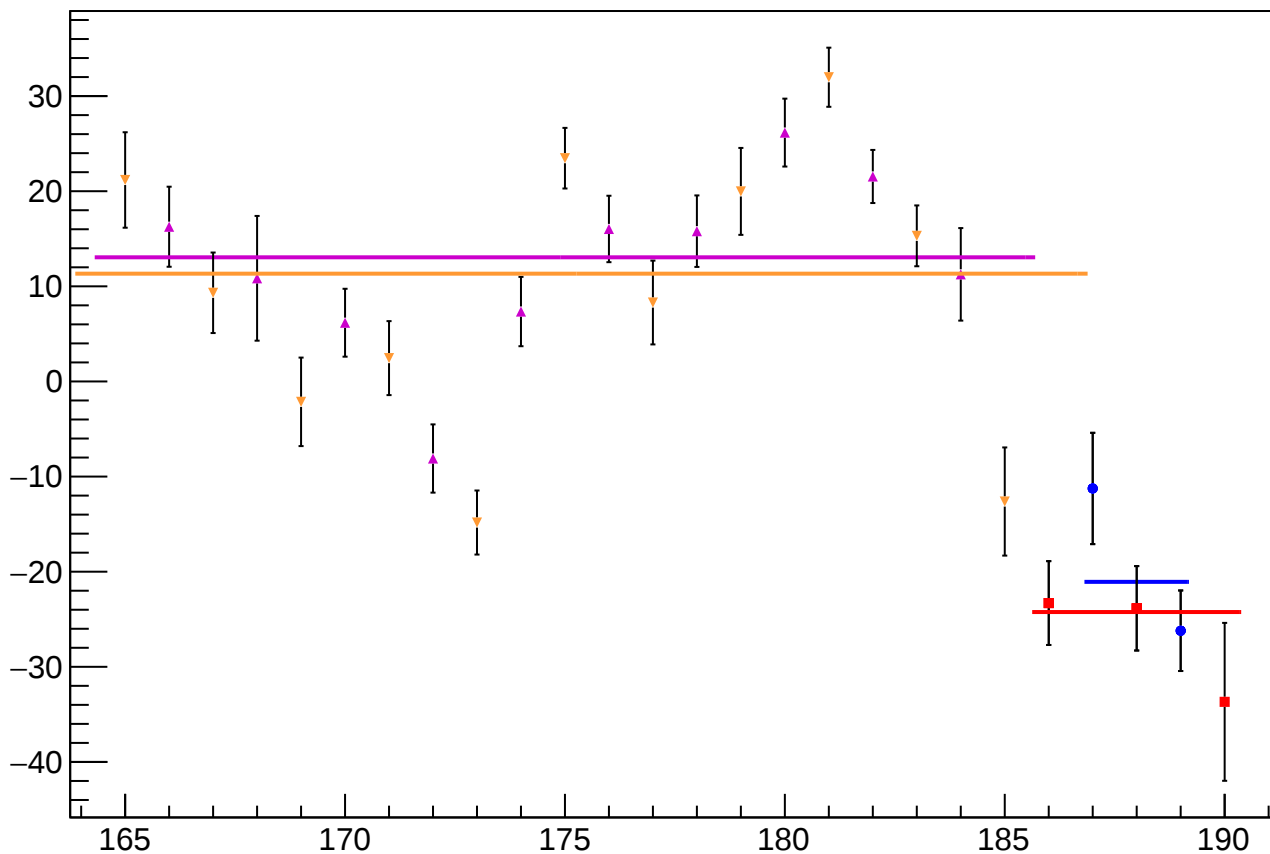
Left In: 140.213 $\pm$ 1.295 χ^2 /NDF: 709.0/9

+ sign 161.200 $\pm$ 1.057 χ^2 /NDF: 1611.1/14

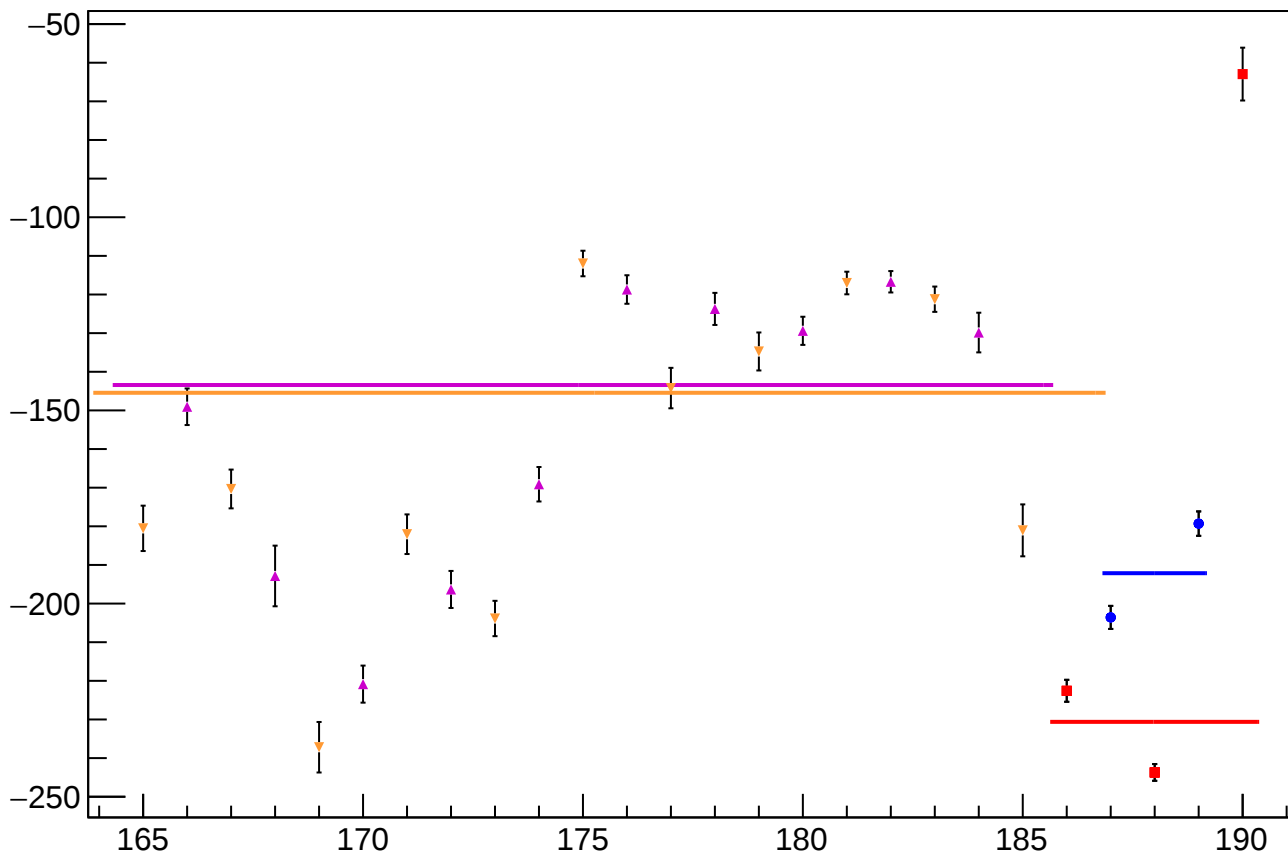
All: 175.967 $\pm$ 0.717 χ^2 /NDF: 6688.6/29

- sign 188.529 $\pm$ 0.975 χ^2 /NDF: 4716.1/14

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -192.137 $\pm$ 1.534 χ^2 /NDF: 62.4/3

Left Out: -145.437 $\pm$ 1.314 χ^2 /NDF: 755.6/10

Right Out: -230.617 $\pm$ 1.200 χ^2 /NDF: 690.0/4

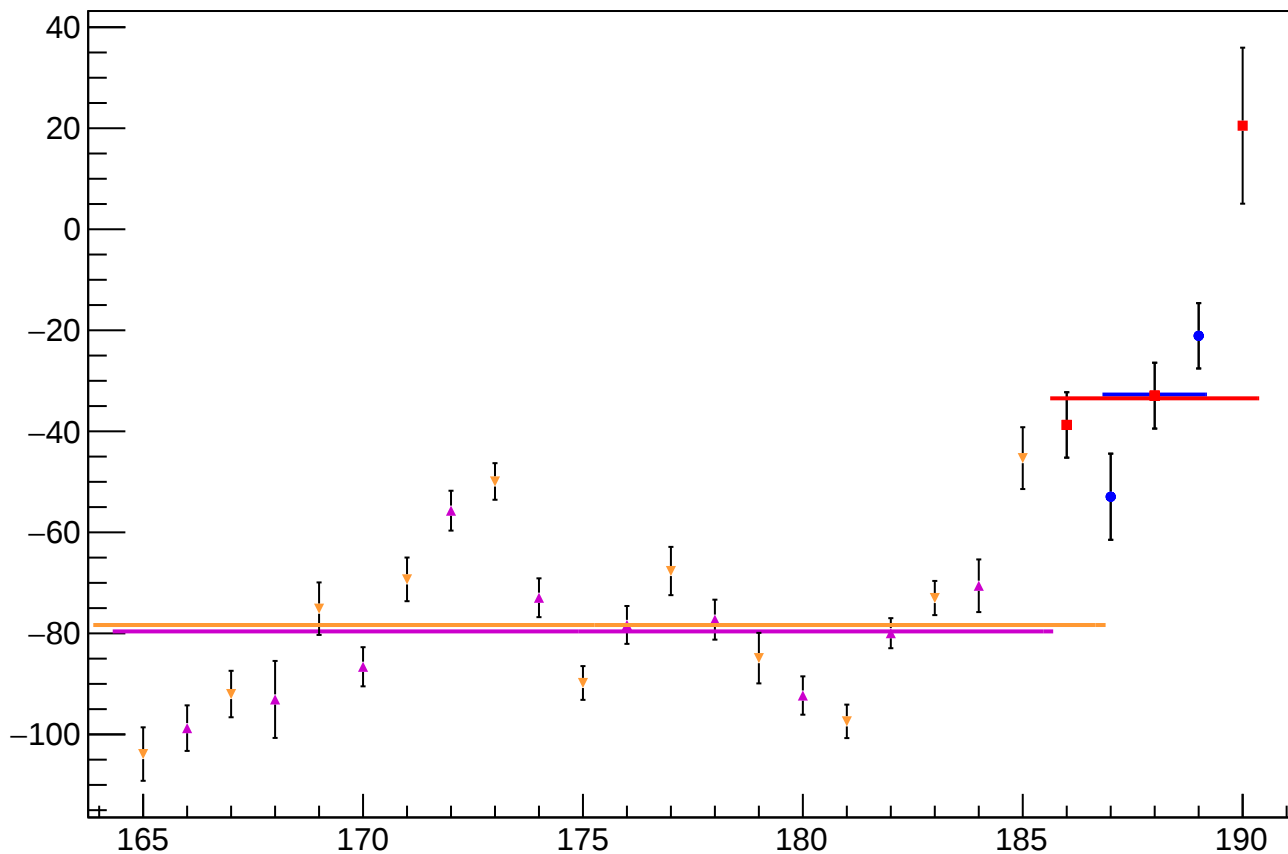
Left In: -143.425 $\pm$ 1.321 χ^2 /NDF: 639.0/9

+ sign -165.204 $\pm$ 0.998 χ^2 /NDF: 1352.8/14

All: -179.715 $\pm$ 0.663 χ^2 /NDF: 5448.9/29

- sign -191.211 $\pm$ 0.888 χ^2 /NDF: 3716.9/14

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -32.723 ± 3.644 χ^2/NDF : 17.7/3

Left Out: -78.344 ± 1.262 χ^2/NDF : 181.7/10

Right Out: -33.469 ± 3.179 χ^2/NDF : 13.6/4

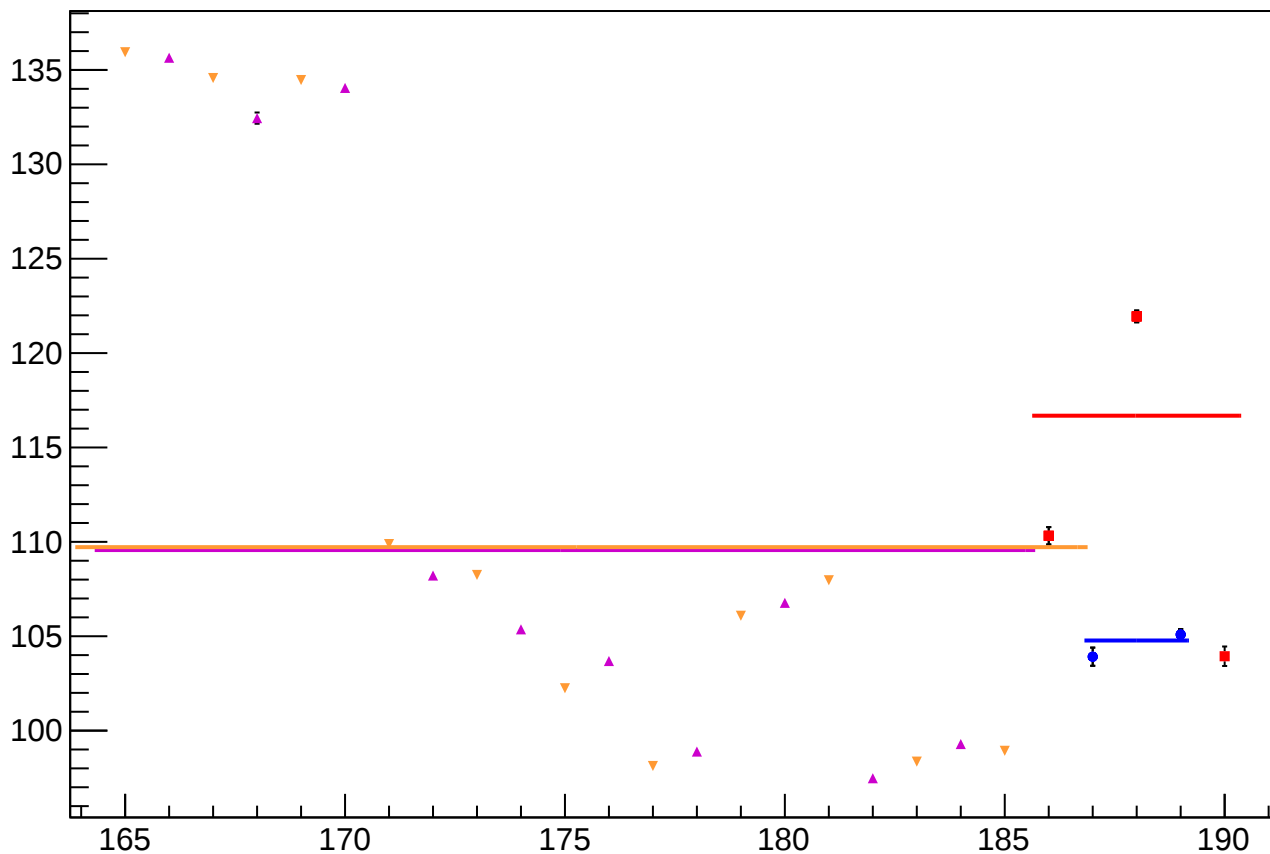
Left In: -79.611 ± 1.271 χ^2/NDF : 78.8/9

+ sign -73.461 ± 1.192 χ^2/NDF : 339.3/14

All: -73.355 ± 0.839 χ^2/NDF : 613.3/29

- sign -73.252 ± 1.180 χ^2/NDF : 274.0/14

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 104.774 ± 0.177 $\chi^2/\text{NDF}: 8.7/3$

Left Out: 109.719 ± 0.057 $\chi^2/\text{NDF}: 50294.2/10$

Right Out: 116.683 ± 0.172 $\chi^2/\text{NDF}: 1561.6/4$

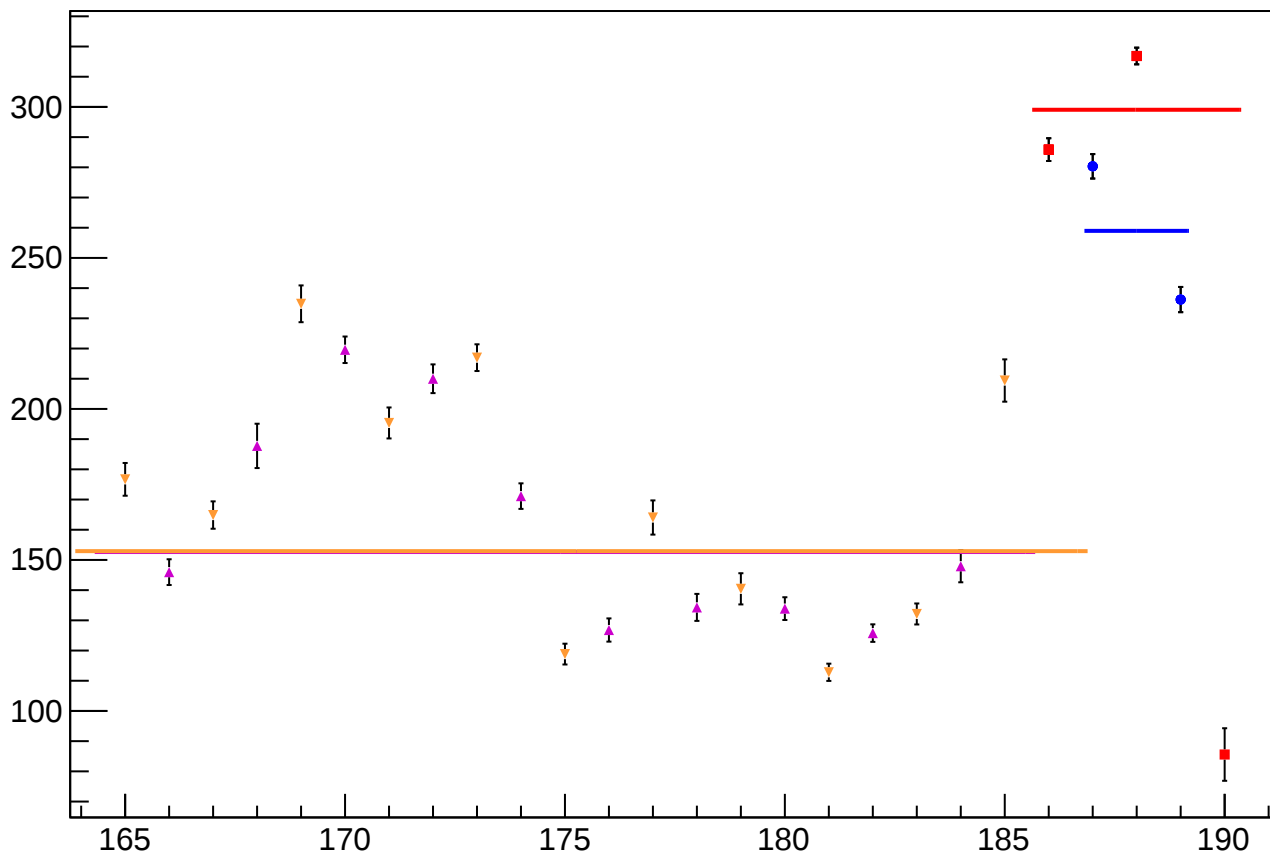
Left In: 109.566 ± 0.057 $\chi^2/\text{NDF}: 55927.7/9$

+ sign 109.257 ± 0.054 $\chi^2/\text{NDF}: 51012.5/14$

All: 109.764 ± 0.038 $\chi^2/\text{NDF}: 110218.8/29$

- sign 110.275 ± 0.054 $\chi^2/\text{NDF}: 59030.0/14$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 258.962 $\pm$ 2.055 χ^2/NDF : 115.1/3

Left Out: 152.914 $\pm$ 1.316 χ^2/NDF : 891.2/10

Right Out: 299.059 $\pm$ 1.549 χ^2/NDF : 709.7/4

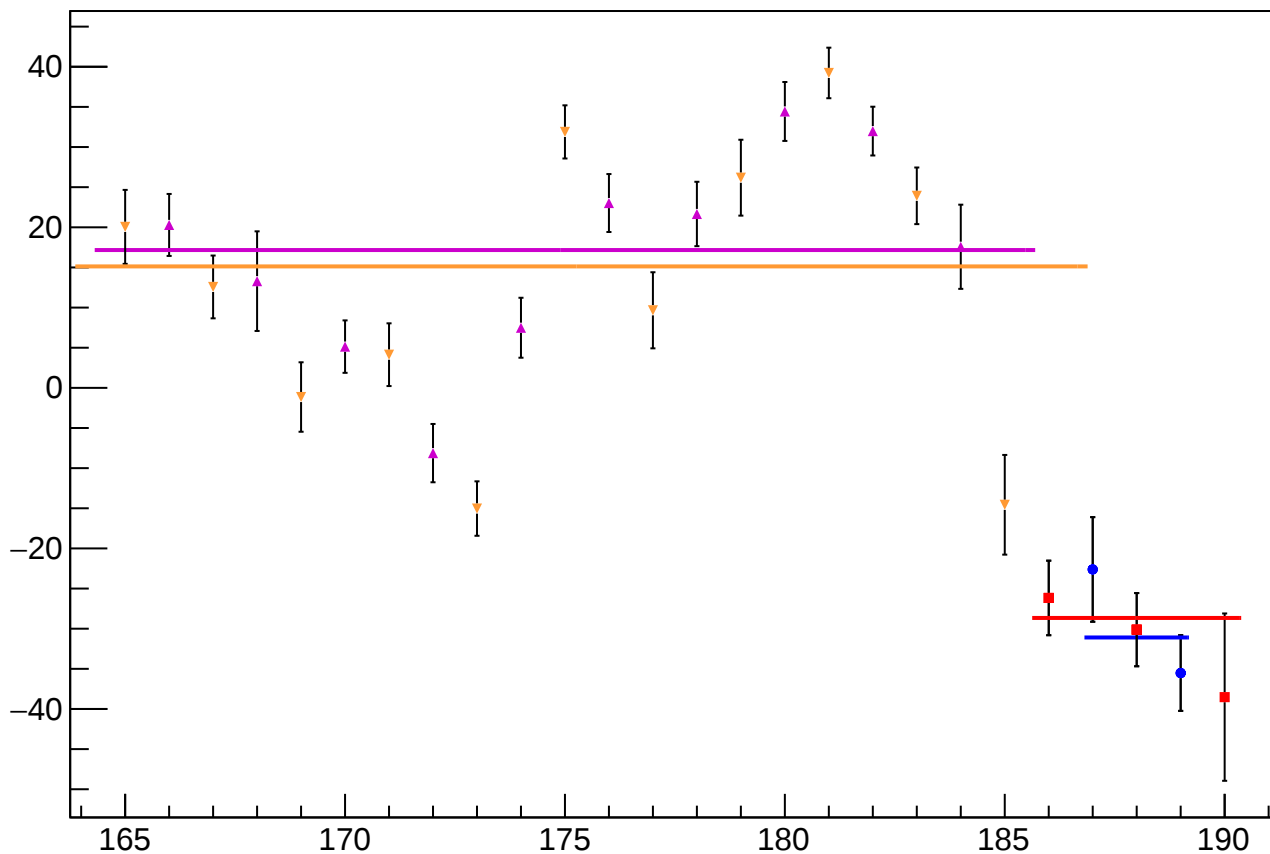
Left In: 152.622 $\pm$ 1.327 χ^2/NDF : 596.0/9

+ sign 183.753 $\pm$ 1.108 χ^2/NDF : 2895.5/14

All: 200.646 $\pm$ 0.746 χ^2/NDF : 9780.8/29

- sign 214.619 $\pm$ 1.008 χ^2/NDF : 6460.7/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -31.093 ± 2.700 $\chi^2/\text{NDF}: 5.2/3$

Left Out: 15.130 ± 1.190 $\chi^2/\text{NDF}: 222.8/10$

Right Out: -28.661 ± 2.246 $\chi^2/\text{NDF}: 1.7/4$

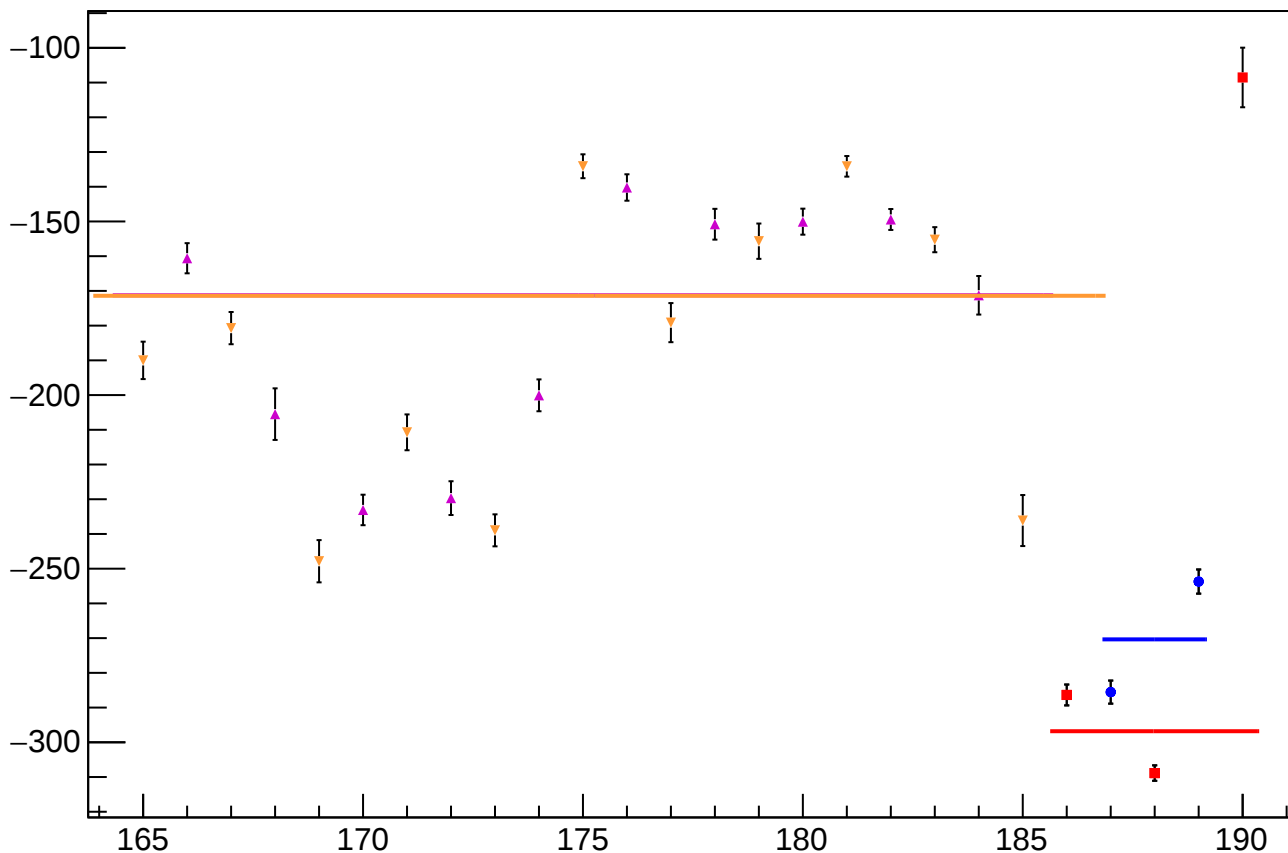
Left In: 17.169 ± 1.202 $\chi^2/\text{NDF}: 119.7/9$

+ sign 7.610 ± 1.089 $\chi^2/\text{NDF}: 473.4/14$

All: 7.280 ± 0.759 $\chi^2/\text{NDF}: 918.6/29$

- sign 6.967 ± 1.060 $\chi^2/\text{NDF}: 445.0/14$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -270.358 ± 1.700 χ^2/NDF : 87.5/3

Left Out: -171.404 ± 1.341 χ^2/NDF : 831.4/10

Right Out: -296.809 ± 1.251 χ^2/NDF : 564.1/4

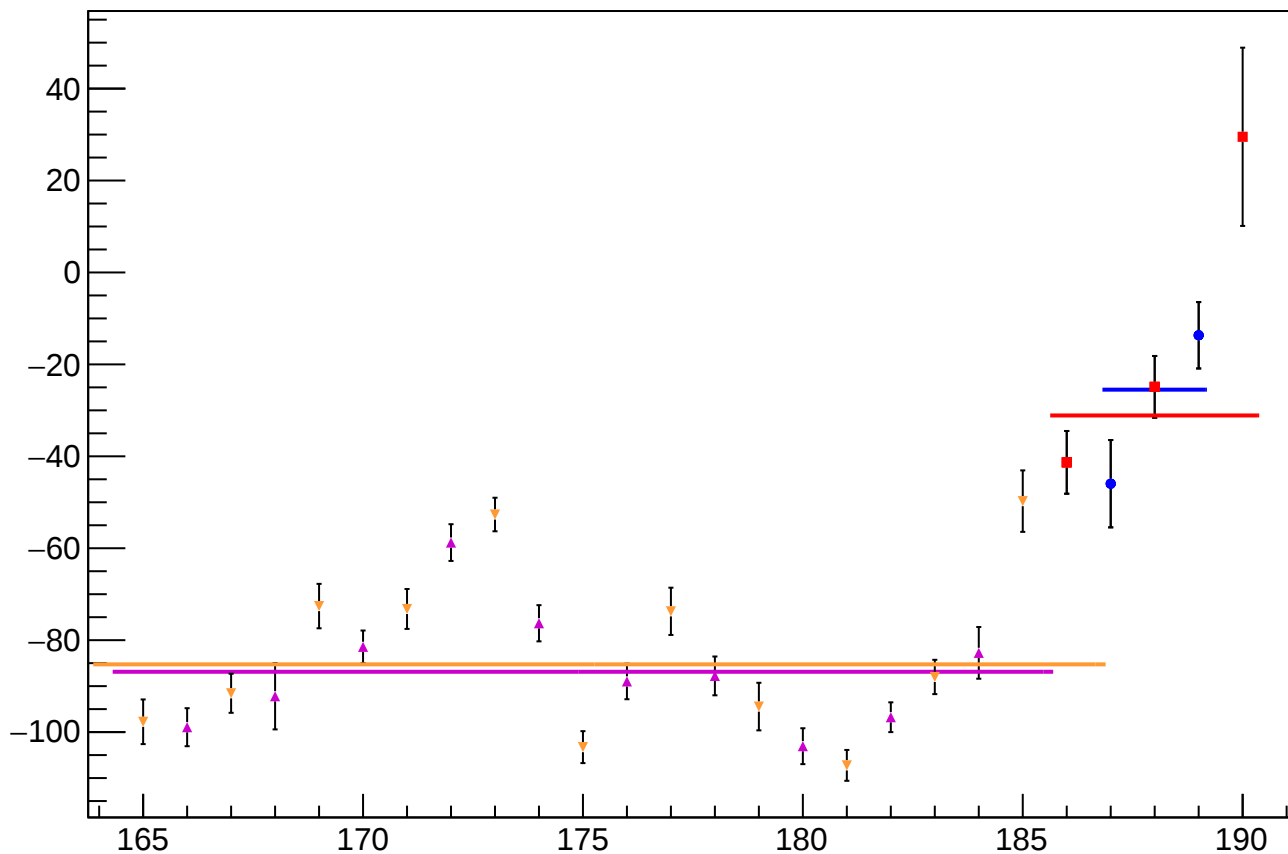
Left In: -171.259 ± 1.353 χ^2/NDF : 581.5/9

+ sign -209.360 ± 1.053 χ^2/NDF : 3007.6/14

All: -226.153 ± 0.692 χ^2/NDF : 9244.1/29

- sign -238.934 ± 0.918 χ^2/NDF : 5788.5/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -25.498 ± 4.066 $\chi^2/\text{NDF}: 14.6/3$

Left Out: -85.261 ± 1.281 $\chi^2/\text{NDF}: 209.8/10$

Right Out: -31.111 ± 3.333 $\chi^2/\text{NDF}: 16.0/4$

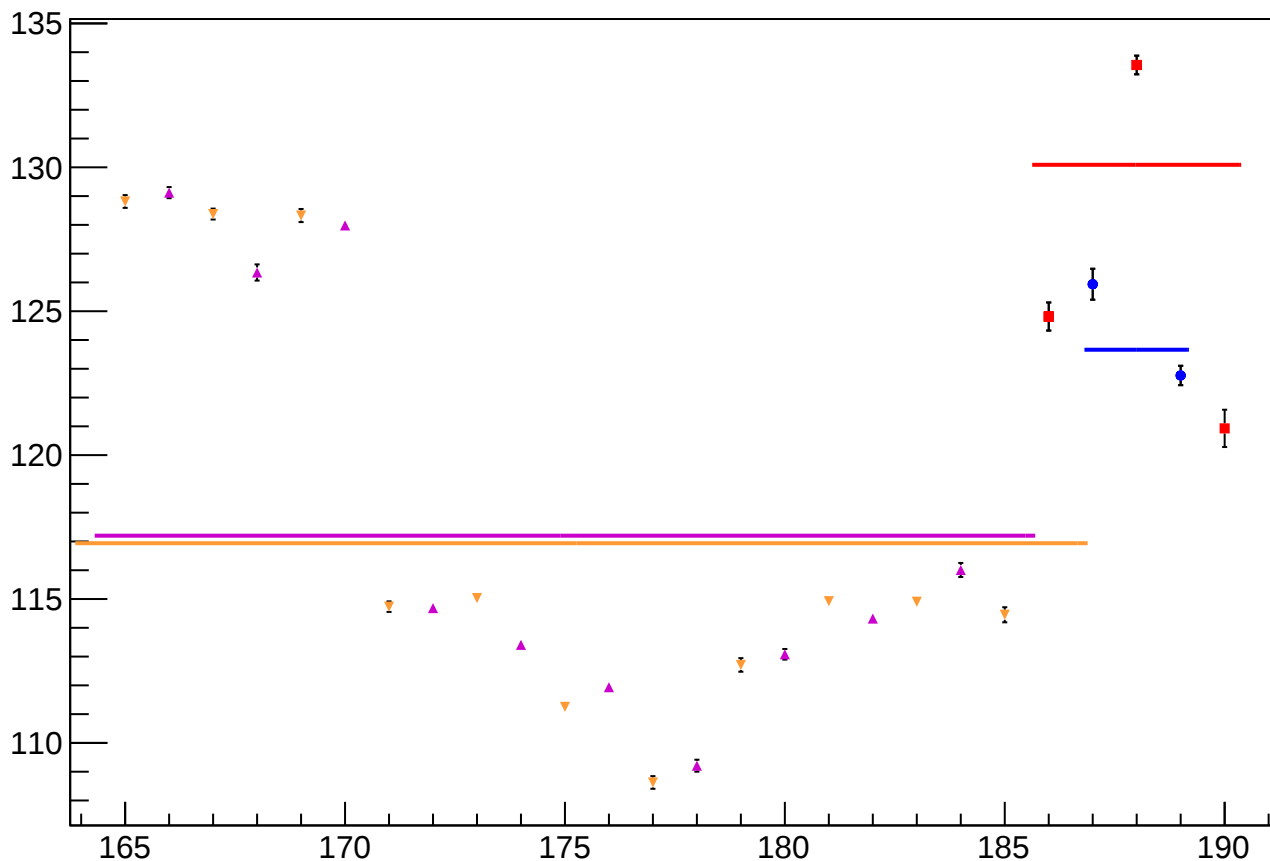
Left In: -86.876 ± 1.292 $\chi^2/\text{NDF}: 95.4/9$

+ sign -79.866 ± 1.222 $\chi^2/\text{NDF}: 421.0/14$

All: -79.728 ± 0.858 $\chi^2/\text{NDF}: 775.9/29$

- sign -79.594 ± 1.204 $\chi^2/\text{NDF}: 354.8/14$

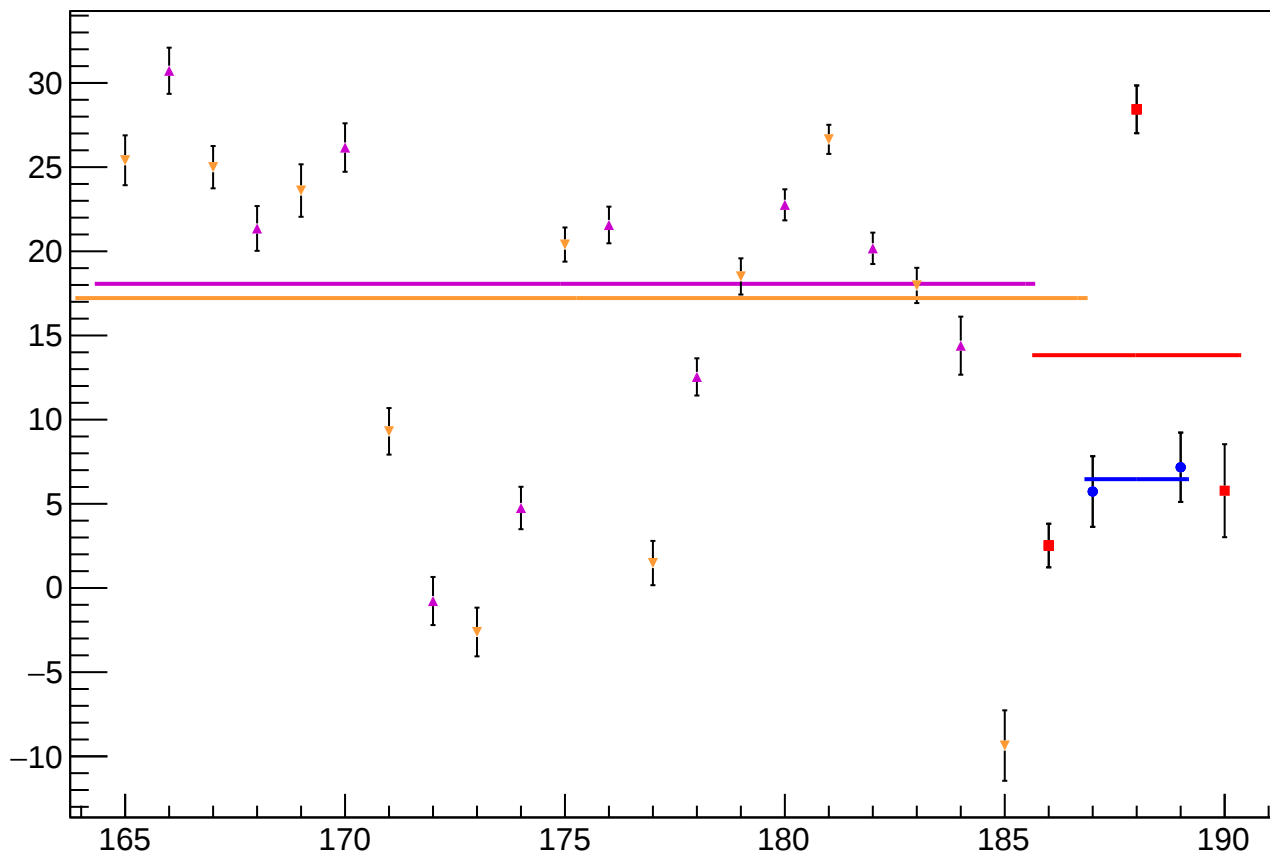
reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 123.662 +/- 0.202 χ^2/NDF : 50.0/3
 Left Out: 116.939 +/- 0.058 χ^2/NDF : 12574.0/10
 Right Out: 130.087 +/- 0.183 χ^2/NDF : 662.4/4
 Left In: 117.201 +/- 0.058 χ^2/NDF : 13391.9/9

+ sign 117.448 +/- 0.056 χ^2/NDF : 13649.0/14
 All: 117.916 +/- 0.039 χ^2/NDF : 32346.5/29
 - sign 118.382 +/- 0.055 χ^2/NDF : 18555.7/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 6.464 $\pm$ 1.039 χ^2 /NDF: 0.5/3

Left Out: 17.221 $\pm$ 0.368 χ^2 /NDF: 741.6/10

Right Out: 13.829 $\pm$ 0.657 χ^2 /NDF: 373.3/4

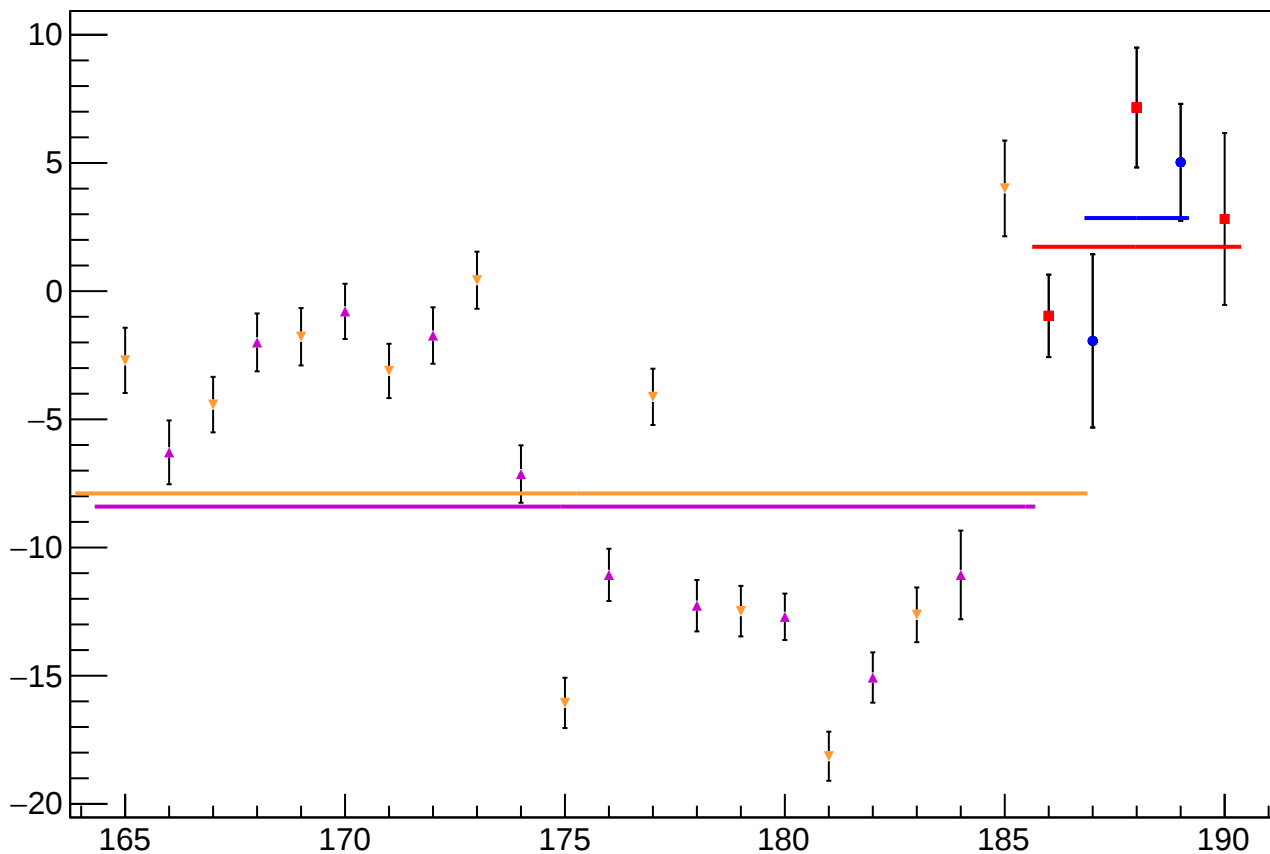
Left In: 18.068 $\pm$ 0.377 χ^2 /NDF: 479.2/9

+ sign 16.023 $\pm$ 0.347 χ^2 /NDF: 837.4/14

All: 16.548 $\pm$ 0.238 χ^2 /NDF: 1725.6/29

- sign 17.016 $\pm$ 0.327 χ^2 /NDF: 883.9/14

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 2.851 $\pm$ 1.336 χ^2/NDF : 5.8/3

Left Out: -7.889 $\pm$ 0.331 χ^2/NDF :410.5/10

Right Out: 1.731 $\pm$ 0.902 χ^2/NDF : 16.5/4

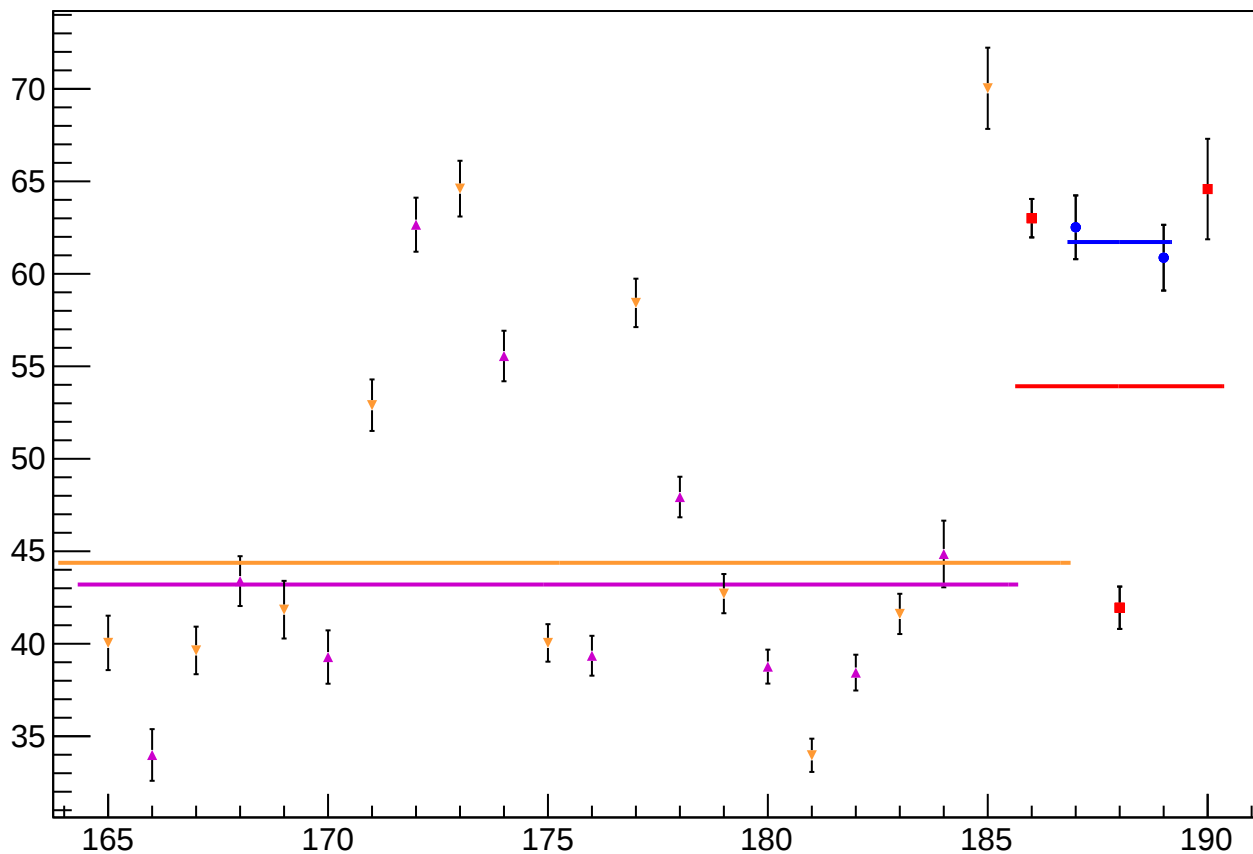
Left In: -8.403 $\pm$ 0.344 χ^2/NDF :215.8/9

+ sign -7.267 $\pm$ 0.321 χ^2/NDF : 477.3/14

All: -7.192 $\pm$ 0.227 χ^2/NDF : 820.0/29

- sign -7.117 $\pm$ 0.321 χ^2/NDF : 342.6/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 61.720 $\pm$ 0.875 χ^2 /NDF: 0.9/3

Left Out: 44.377 $\pm$ 0.373 χ^2 /NDF: 655.6/10

Right Out: 53.923 $\pm$ 0.534 χ^2 /NDF: 387.1/4

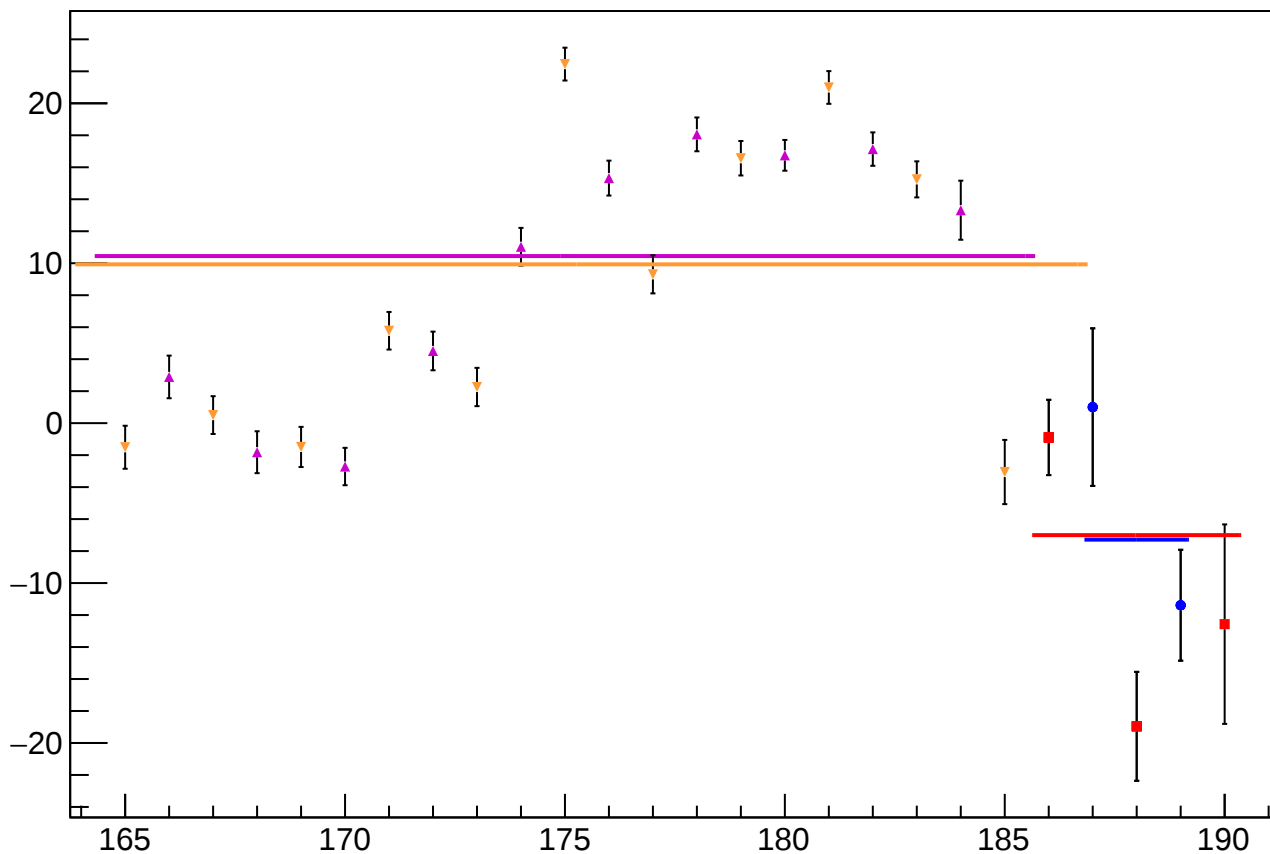
Left In: 43.202 $\pm$ 0.383 χ^2 /NDF: 389.8/9

+ sign 47.051 $\pm$ 0.343 χ^2 /NDF: 989.0/14

All: 46.942 $\pm$ 0.231 χ^2 /NDF: 2032.4/29

- sign 46.852 $\pm$ 0.311 χ^2 /NDF: 1043.2/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: -7.283+/-2.005 χ^2/NDF : 8.5/3

Left Out: 9.929+/-0.357 χ^2/NDF : 639.9/10

Right Out: -7.003+/-1.337 χ^2/NDF : 38.9/4

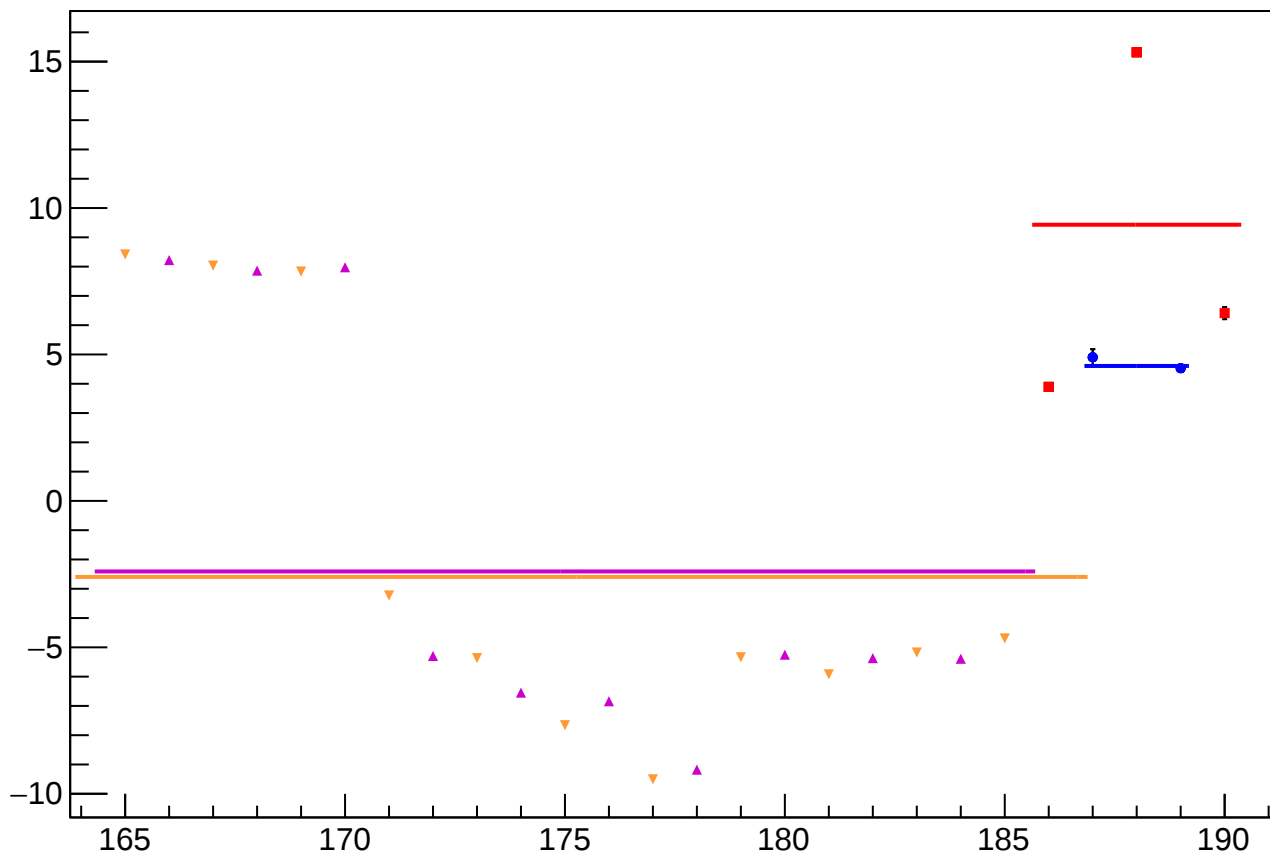
Left In: 10.448+/-0.370 χ^2/NDF : 429.1/9

+ sign 9.399+/-0.352 χ^2/NDF : 719.8/14

All: 9.305+/-0.250 χ^2/NDF : 1346.1/29

- sign 9.207+/-0.357 χ^2/NDF : 626.1/14

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 4.608 $\pm$ 0.089 χ^2 /NDF: 2.9/3

Left Out: -2.596 $\pm$ 0.016 χ^2 /NDF: 150610.0/10

Right Out: 9.430 $\pm$ 0.075 χ^2 /NDF: 5236.5/4

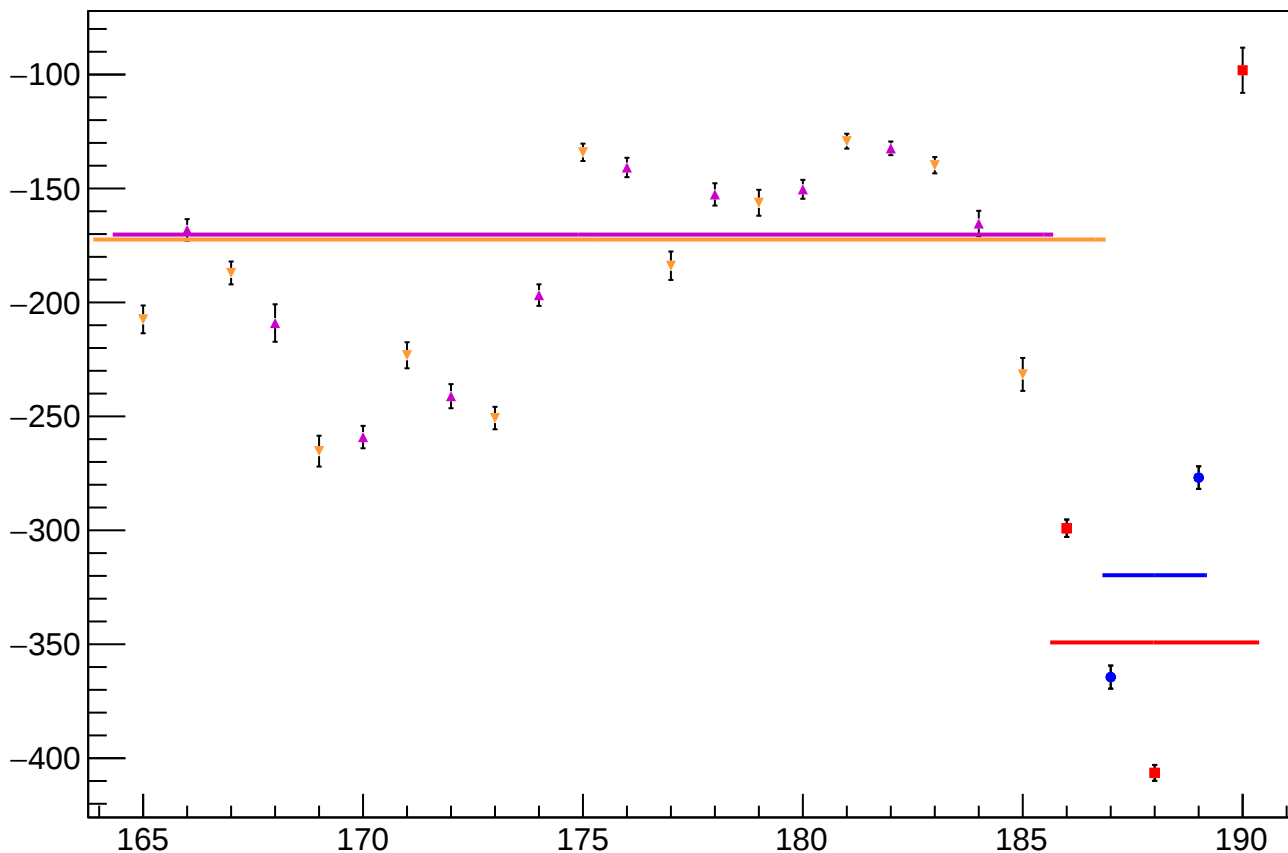
Left In: -2.409 $\pm$ 0.016 χ^2 /NDF: 154695.7/9

+ sign -2.373 $\pm$ 0.016 χ^2 /NDF: 156926.4/14

All: -2.128 $\pm$ 0.011 χ^2 /NDF: 340975.0/29

- sign -1.871 $\pm$ 0.016 χ^2 /NDF: 183548.7/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -319.705 ± 2.504 χ^2/NDF : 305.5/3

Left Out: -172.395 ± 1.448 χ^2/NDF : 999.5/10

Right Out: -349.207 ± 1.787 χ^2/NDF : 1528.4/4

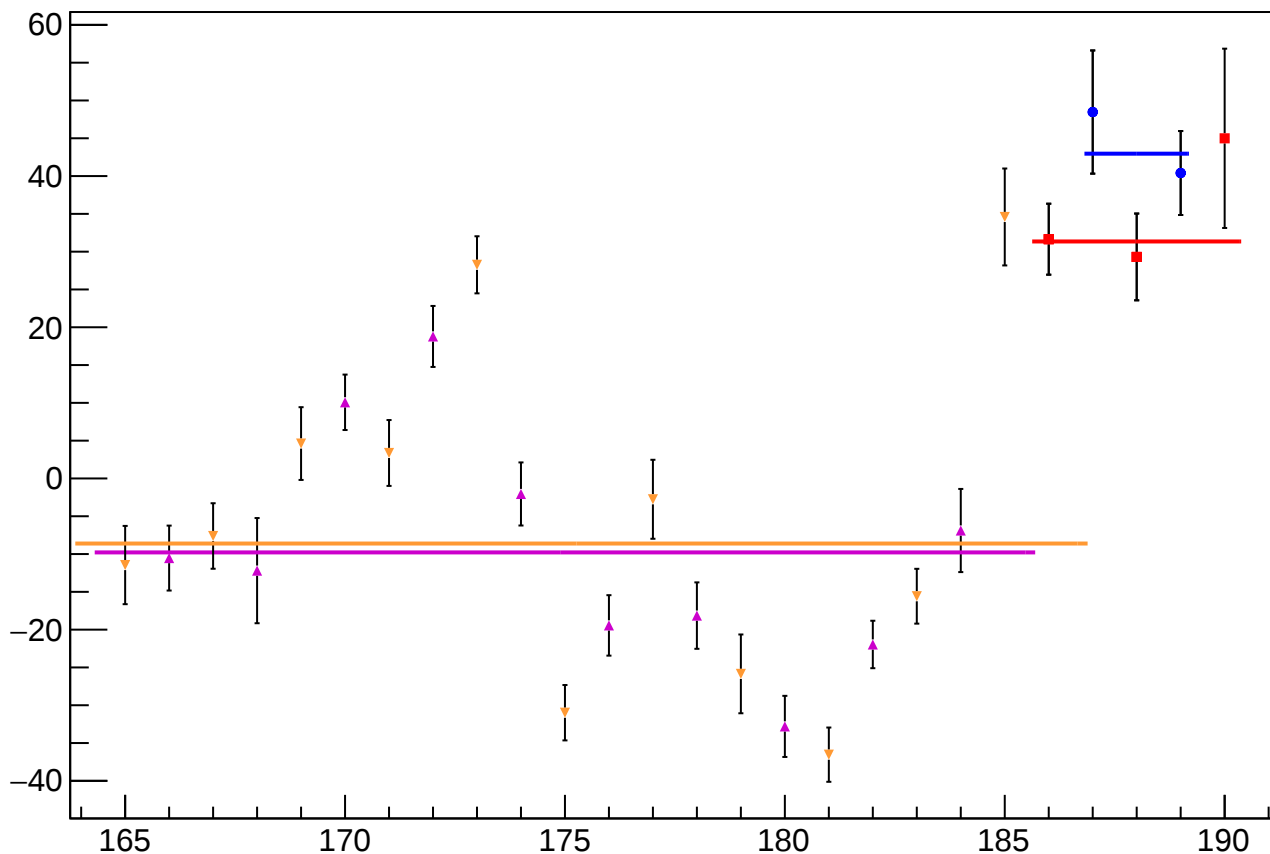
Left In: -170.226 ± 1.445 χ^2/NDF : 802.8/9

+ sign -209.309 ± 1.253 χ^2/NDF : 3899.5/14

All: -226.873 ± 0.837 χ^2/NDF : 12651.5/29

- sign -240.988 ± 1.124 χ^2/NDF : 8397.8/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 42.962 $\pm$ 3.245 χ^2 /NDF: 1.3/3

Left Out: -8.609 $\pm$ 1.310 χ^2 /NDF: 270.0/10

Right Out: 31.349 $\pm$ 2.511 χ^2 /NDF: 1.6/4

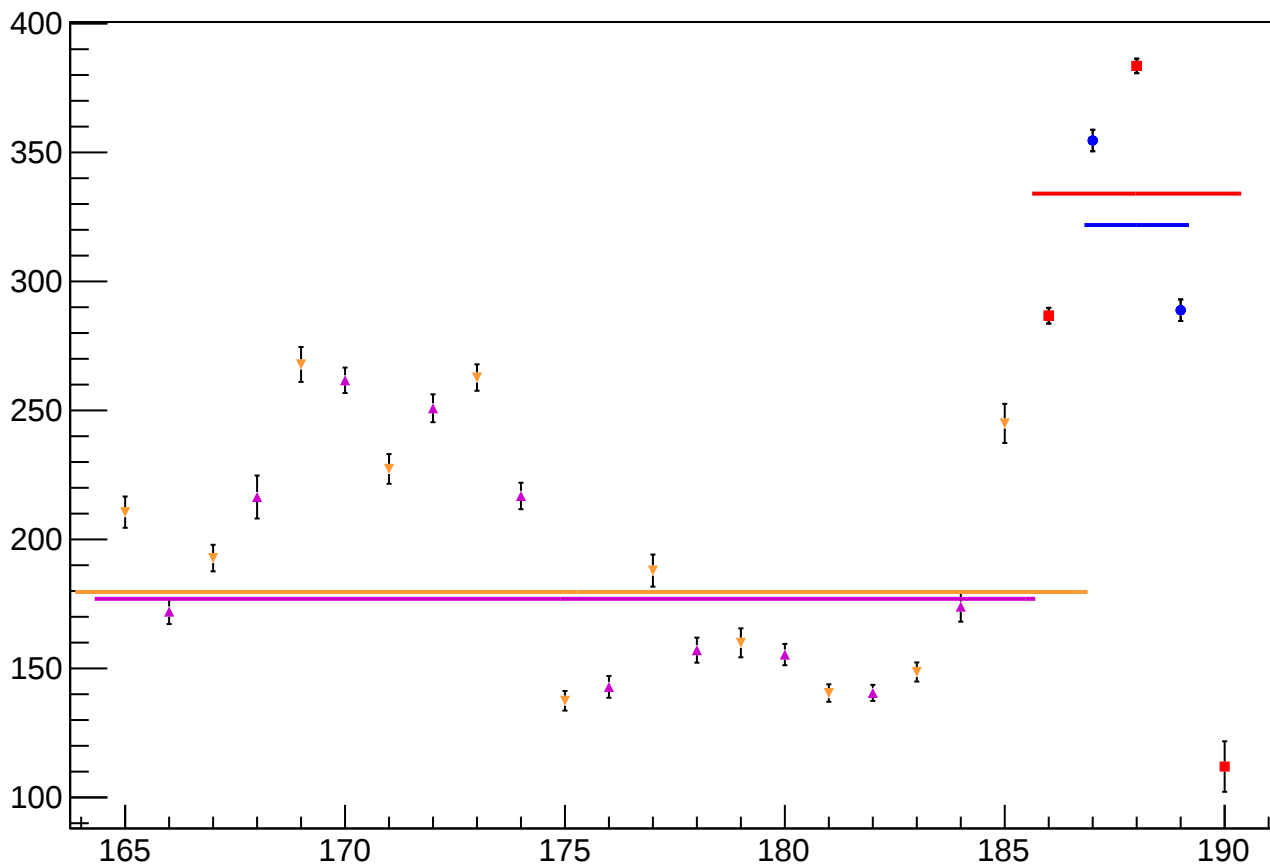
Left In: -9.784 $\pm$ 1.315 χ^2 /NDF: 140.3/9

+ sign -1.380 $\pm$ 1.215 χ^2 /NDF: 488.5/14

All: -1.146 $\pm$ 0.841 χ^2 /NDF: 841.0/29

- sign -0.930 $\pm$ 1.165 χ^2 /NDF: 352.4/14

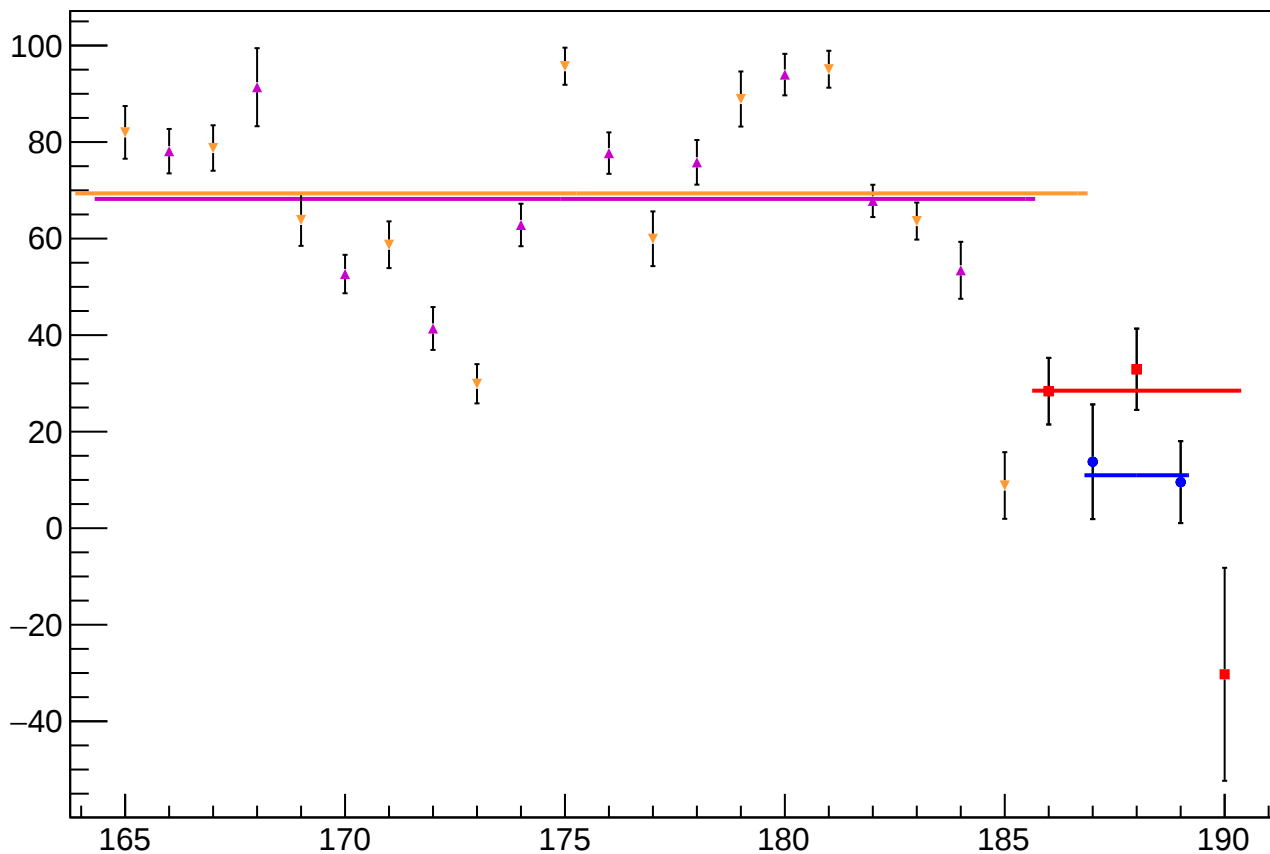
reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 321.850 $\pm$ 2.083 χ^2/NDF : 249.3/3
 Left Out: 179.623 $\pm$ 1.476 χ^2/NDF : 948.4/10
 Right Out: 334.037 $\pm$ 1.443 χ^2/NDF : 1621.4/4
 Left In: 176.979 $\pm$ 1.474 χ^2/NDF : 812.8/9

+ sign 227.168 $\pm$ 1.204 χ^2/NDF : 4301.8/14
 All: 244.490 $\pm$ 0.783 χ^2/NDF : 12895.4/29
 - sign 257.183 $\pm$ 1.031 χ^2/NDF : 8235.1/14

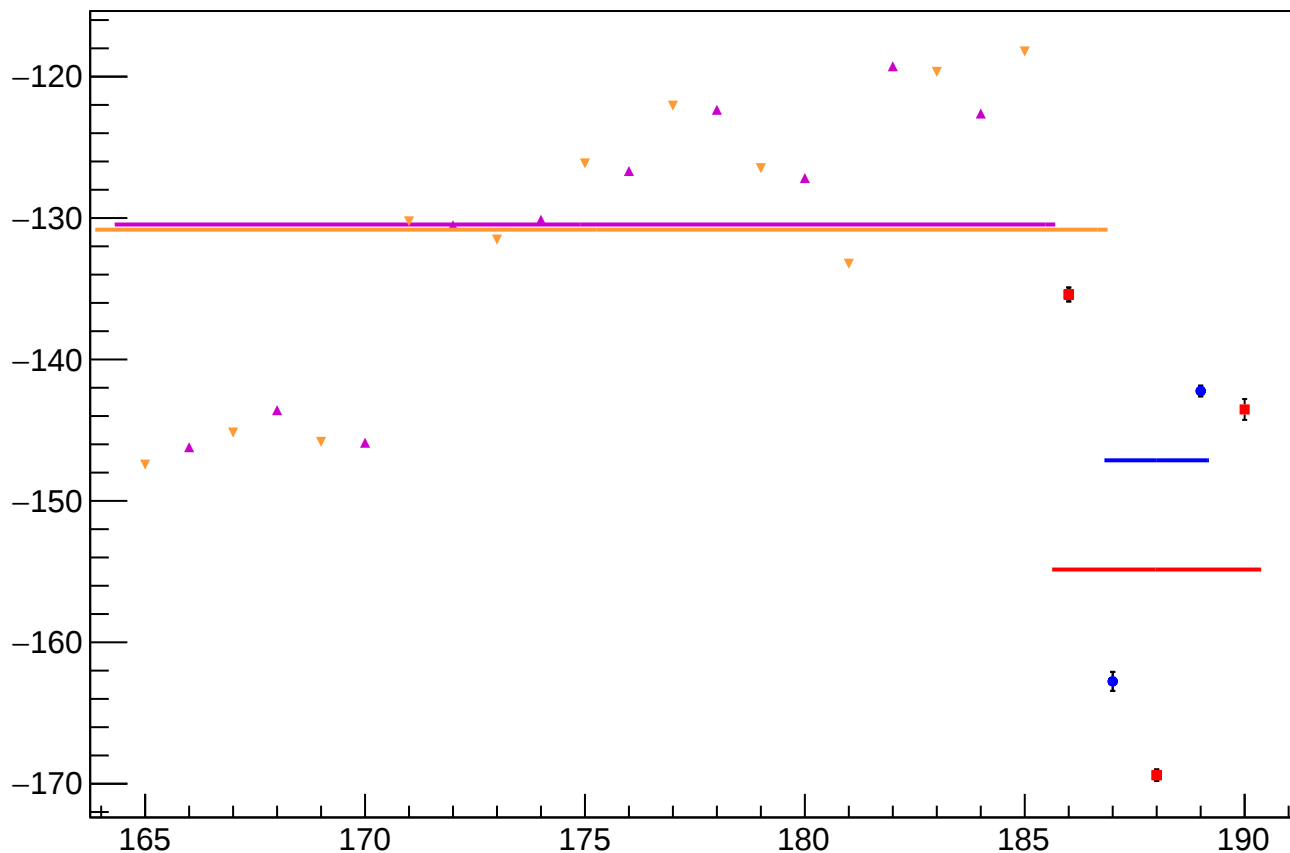
reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 10.971 $\pm$ 4.883 χ^2/NDF : 0.2/3
 Left Out: 69.371 $\pm$ 1.410 χ^2/NDF : 295.1/10
 Right Out: 28.495 $\pm$ 3.719 χ^2/NDF : 7.6/4
 Left In: 68.220 $\pm$ 1.413 χ^2/NDF : 115.9/9

+ sign 64.877 $\pm$ 1.354 χ^2/NDF : 427.3/14
 All: 64.023 $\pm$ 0.946 χ^2/NDF : 651.3/29
 - sign 63.210 $\pm$ 1.321 χ^2/NDF : 223.2/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -147.132 $\pm$ 0.232 χ^2 /NDF: 1421.6/3

Left Out: -130.822 $\pm$ 0.063 χ^2 /NDF: 21492.2/10

Right Out: -154.853 $\pm$ 0.211 χ^2 /NDF: 5983.3/4

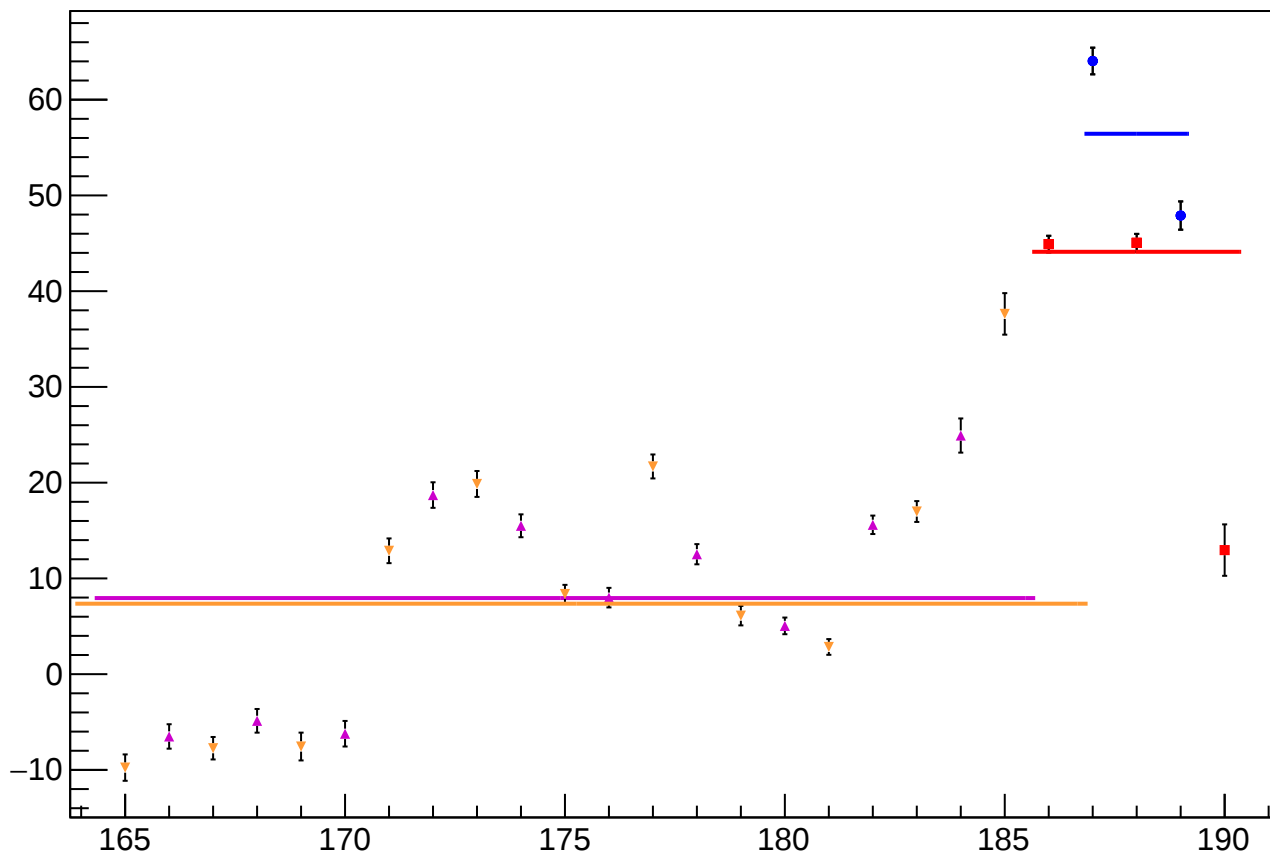
Left In: -130.457 $\pm$ 0.064 χ^2 /NDF: 22634.4/9

+ sign -131.957 $\pm$ 0.061 χ^2 /NDF: 27507.1/14

All: -132.229 $\pm$ 0.043 χ^2 /NDF: 68450.2/29

- sign -132.498 $\pm$ 0.061 χ^2 /NDF: 40903.9/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 56.439 $\pm$ 0.716 χ^2 /NDF: 126.5/3

Left Out: 7.359 $\pm$ 0.351 χ^2 /NDF: 965.9/10

Right Out: 44.112 $\pm$ 0.442 χ^2 /NDF: 138.3/4

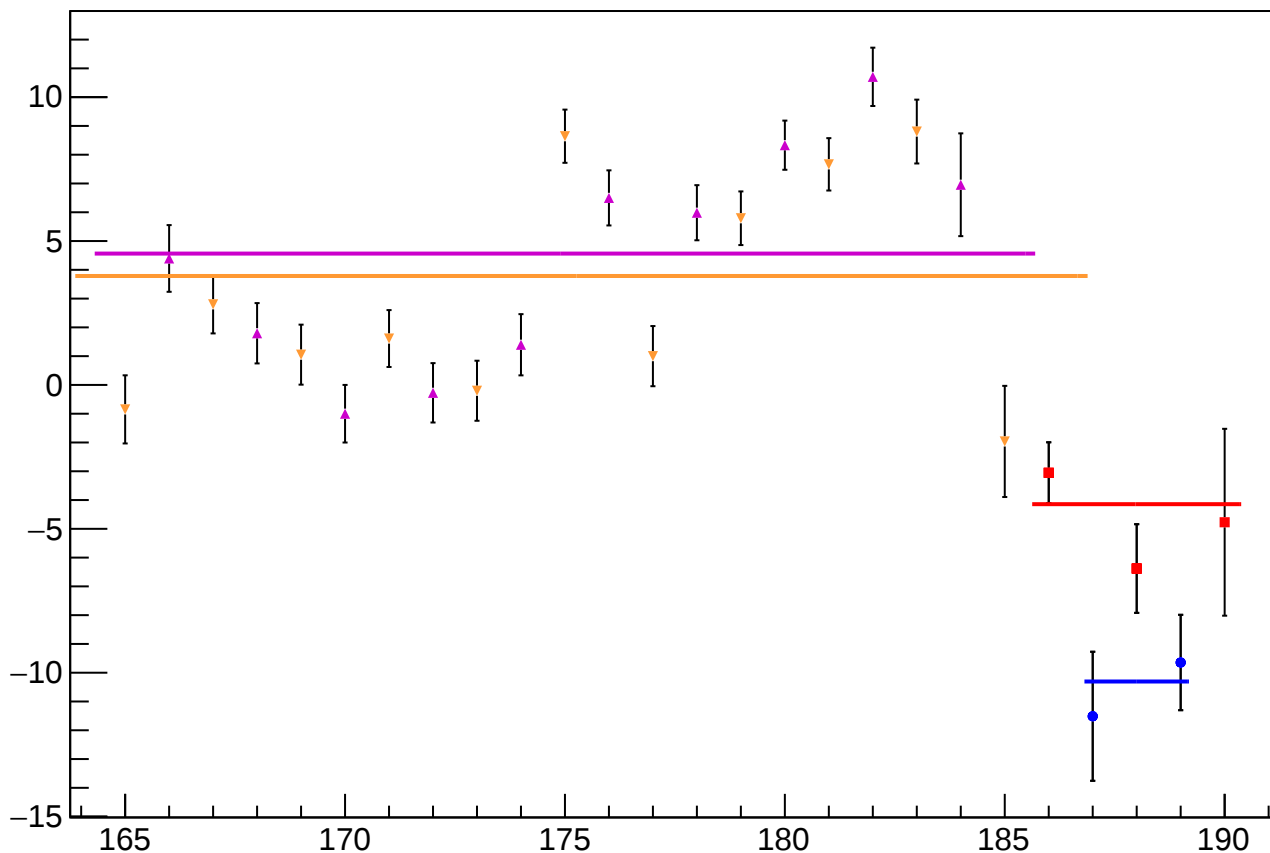
Left In: 7.948 $\pm$ 0.361 χ^2 /NDF: 636.7/9

+ sign 16.864 $\pm$ 0.315 χ^2 /NDF: 4876.9/14

All: 19.972 $\pm$ 0.209 χ^2 /NDF: 9835.9/29

- sign 22.420 $\pm$ 0.280 χ^2 /NDF: 4785.2/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -10.305 ± 0.942 χ^2/NDF : 0.9/3

Left Out: 3.786 ± 0.315 χ^2/NDF : 129.5/10

Right Out: -4.143 ± 0.606 χ^2/NDF : 6.4/4

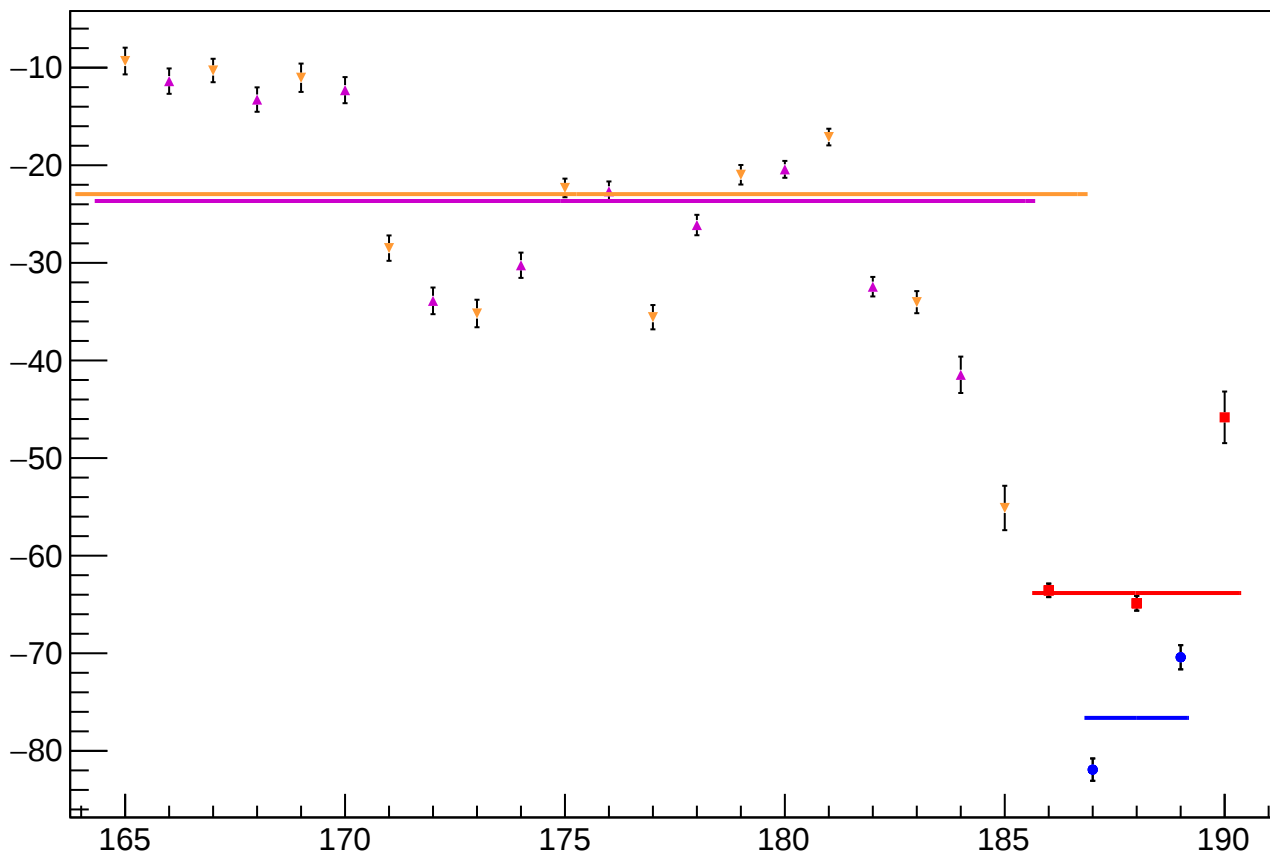
Left In: 4.564 ± 0.328 χ^2/NDF : 133.0/9

+ sign 2.370 ± 0.299 χ^2/NDF : 331.5/14

All: 2.487 ± 0.207 χ^2/NDF : 630.8/29

- sign 2.596 ± 0.288 χ^2/NDF : 299.0/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -76.620 ± 0.594 $\chi^2/\text{NDF}: 93.3/3$

Left Out: -22.956 ± 0.356 $\chi^2/\text{NDF}: 820.5/10$

Right Out: -63.827 ± 0.357 $\chi^2/\text{NDF}: 50.6/4$

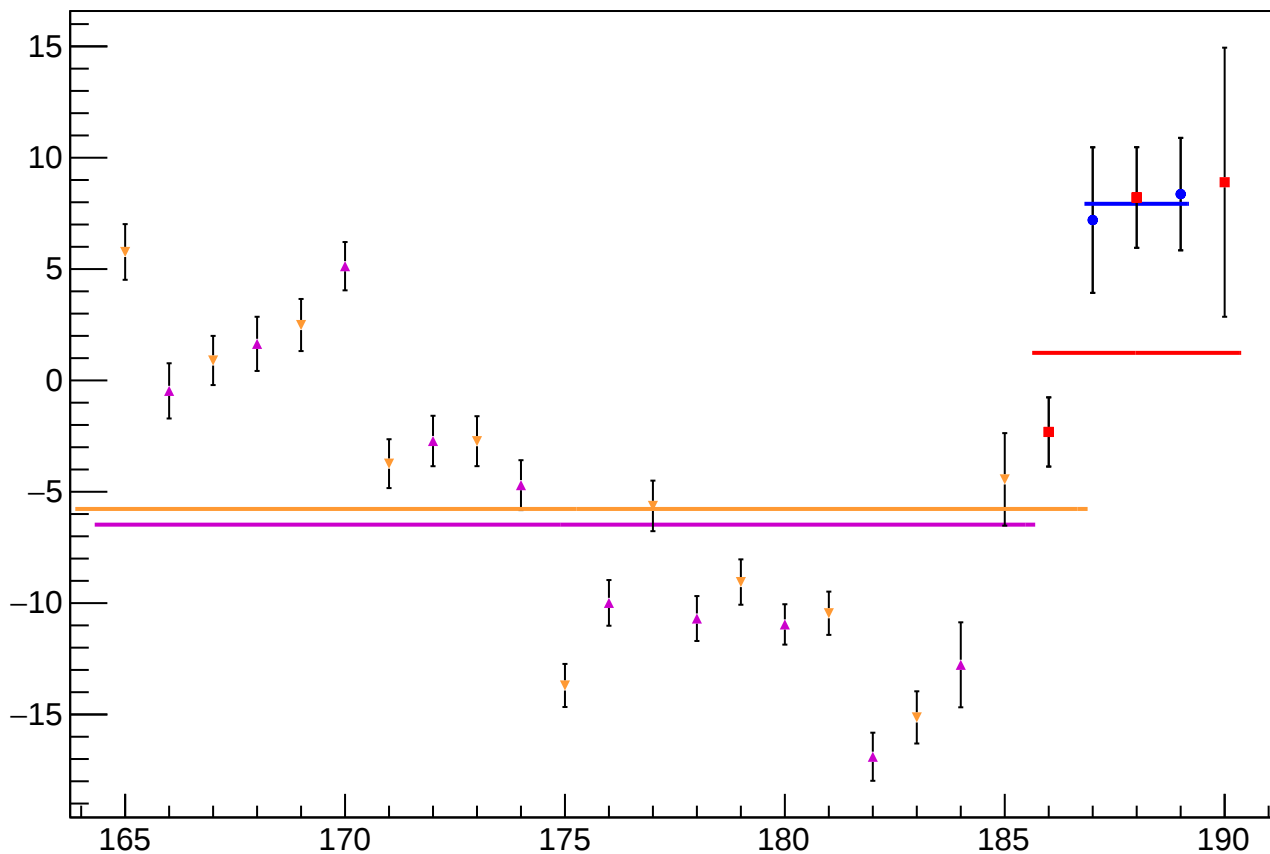
Left In: -23.662 ± 0.367 $\chi^2/\text{NDF}: 501.2/9$

+ sign -37.142 ± 0.305 $\chi^2/\text{NDF}: 6914.4/14$

All: -41.345 ± 0.196 $\chi^2/\text{NDF}: 13950.8/29$

- sign -44.290 ± 0.256 $\chi^2/\text{NDF}: 6714.5/14$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 7.931 $\pm$ 1.413 χ^2 /NDF: 0.2/3

Left Out: -5.771 $\pm$ 0.340 χ^2 /NDF: 347.2/10

Right Out: 1.238 $\pm$ 0.895 χ^2 /NDF: 31.1/4

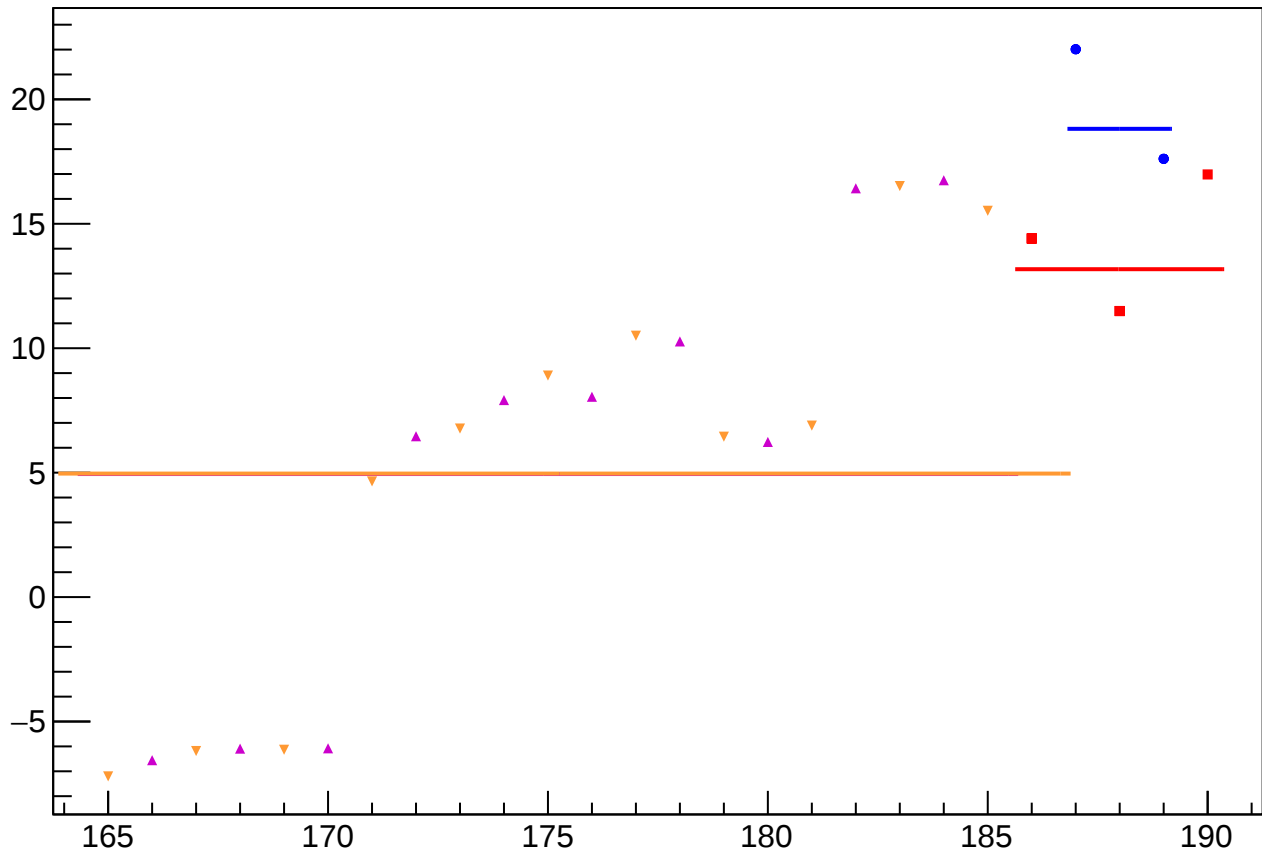
Left In: -6.476 $\pm$ 0.353 χ^2 /NDF: 353.6/9

+ sign -5.021 $\pm$ 0.331 χ^2 /NDF: 436.3/14

All: -5.232 $\pm$ 0.233 χ^2 /NDF: 886.1/29

- sign -5.440 $\pm$ 0.328 χ^2 /NDF: 449.0/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 18.816 $\pm$ 0.068 χ^2/NDF : 822.6/3

Left Out: 4.963 $\pm$ 0.015 χ^2/NDF : 232870.2/10

Right Out: 13.175 $\pm$ 0.053 χ^2/NDF : 1090.3/4

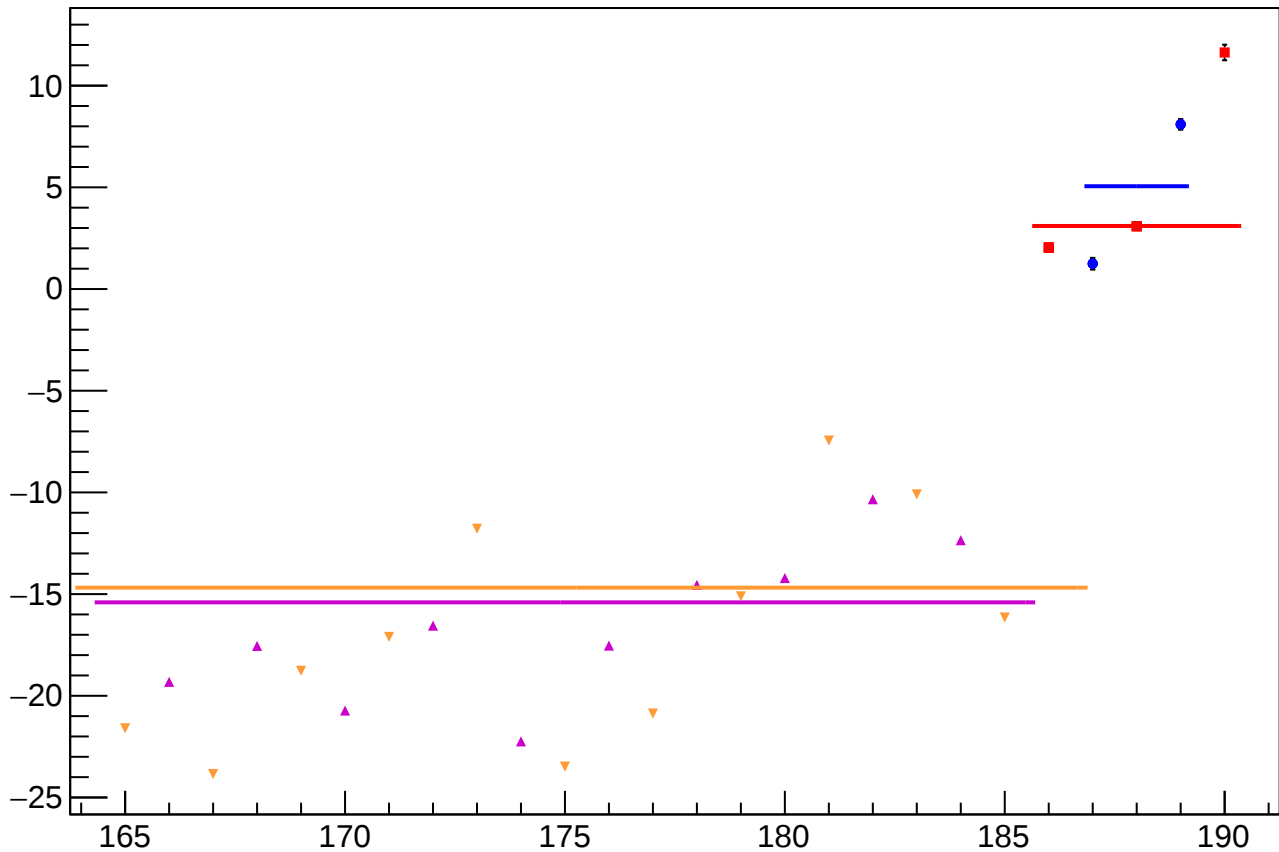
Left In: 4.945 $\pm$ 0.016 χ^2/NDF : 243744.8/9

+ sign 5.614 $\pm$ 0.015 χ^2/NDF : 272788.5/14

All: 5.610 $\pm$ 0.011 χ^2/NDF : 539944.3/29

- sign 5.606 $\pm$ 0.015 χ^2/NDF : 267155.7/14

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 5.054 ± 0.133 χ^2/NDF : 657.2/3

Left Out: -14.682 ± 0.047 χ^2/NDF : 15456.6/10

Right Out: 3.100 ± 0.073 χ^2/NDF : 553.7/4

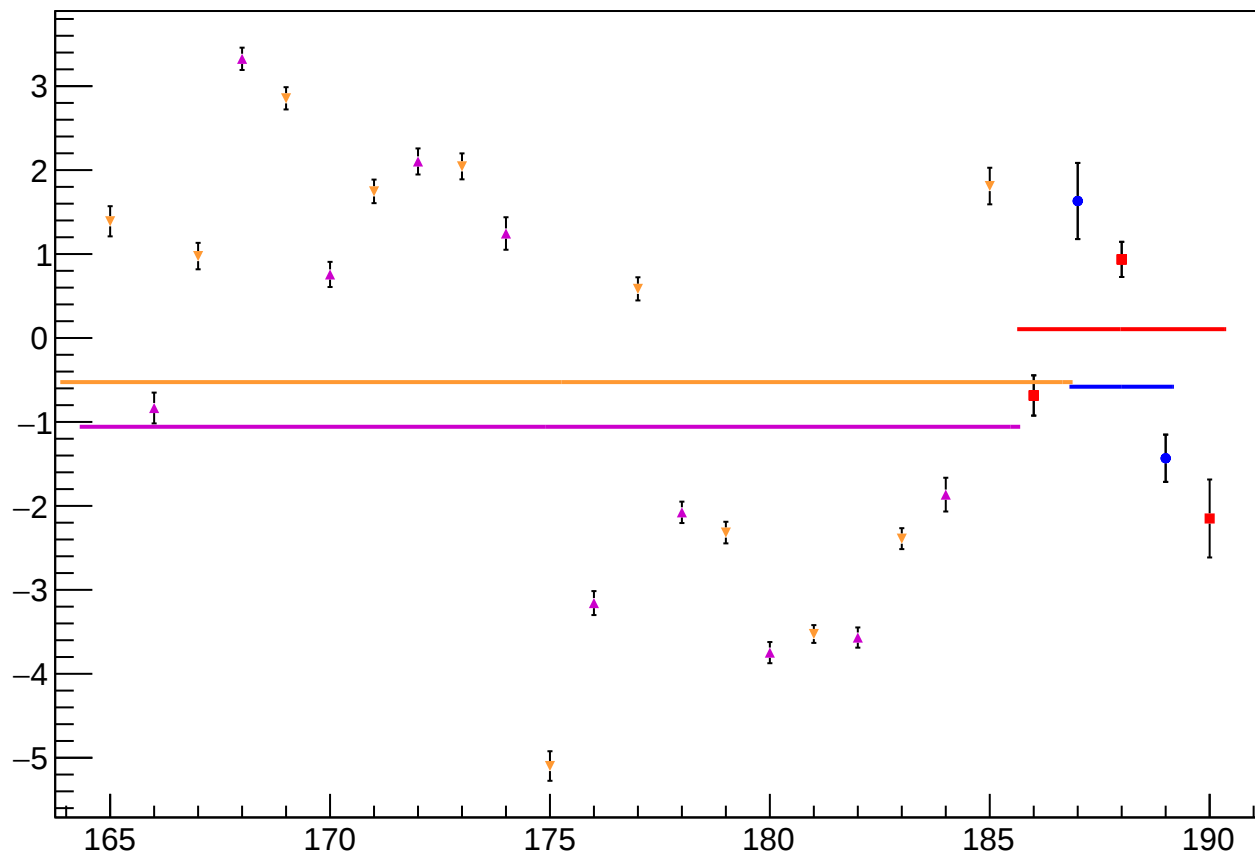
Left In: -15.406 ± 0.051 χ^2/NDF : 4765.6/9

+ sign -12.465 ± 0.044 χ^2/NDF : 35736.1/14

All: -10.857 ± 0.030 χ^2/NDF : 86483.3/29

- sign -9.442 ± 0.042 χ^2/NDF : 48290.5/14

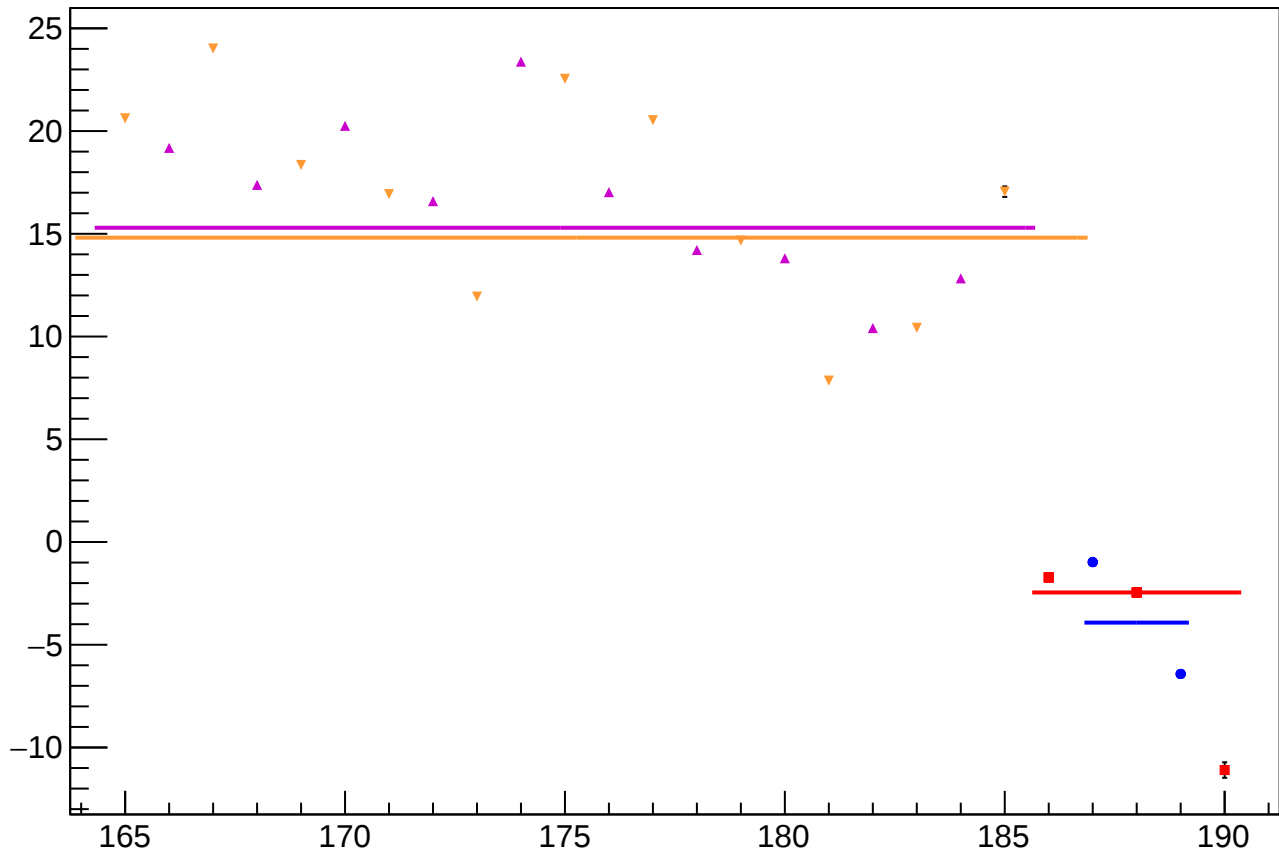
reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: -0.580 ± 0.169 χ^2/NDF : 65.9/3
 Left Out: -0.525 ± 0.043 χ^2/NDF : 3466.5/10
 Right Out: 0.105 ± 0.108 χ^2/NDF : 76.8/4
 Left In: -1.057 ± 0.046 χ^2/NDF : 2978.8/9

+ sign -0.529 ± 0.042 χ^2/NDF : 3532.5/14
 All: -0.700 ± 0.030 χ^2/NDF : 6719.7/29
 - sign -0.878 ± 0.043 χ^2/NDF : 3152.8/14

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -3.923±/0.111 χ^2/NDF : 598.1/3

Left Out: 14.813±/0.048 χ^2/NDF :13117.0/10

Right Out: -2.456±/0.060 χ^2/NDF : 568.0/4

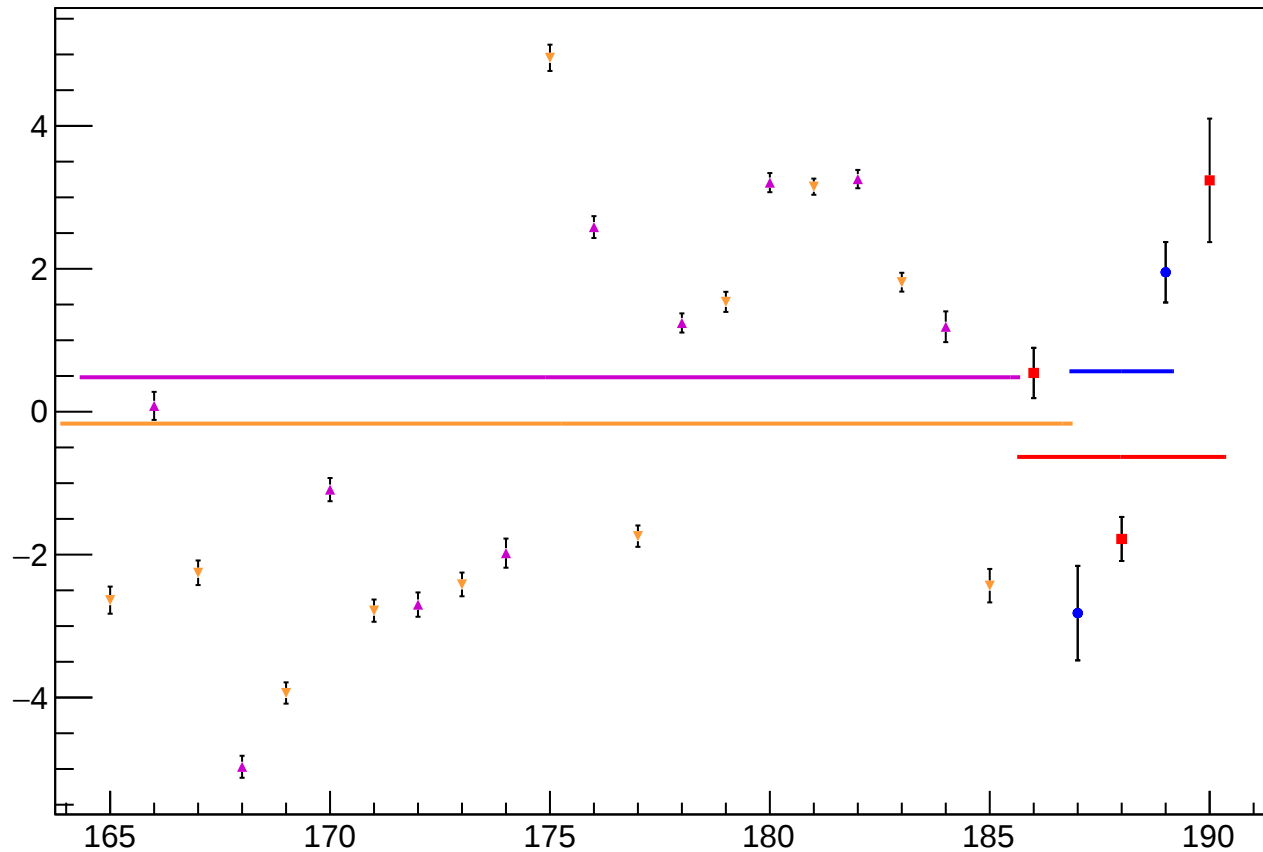
Left In: 15.295±/0.051 χ^2/NDF :4480.7/9

+ sign 11.844±/0.044 χ^2/NDF : 37750.7/14

All: 9.513±/0.029 χ^2/NDF : 98673.5/29

- sign 7.700±/0.039 χ^2/NDF : 55960.8/14

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: 0.566 ± 0.252 χ^2/NDF : 73.9/3

Left Out: -0.167 ± 0.046 χ^2/NDF : 3634.6/10

Right Out: -0.633 ± 0.161 χ^2/NDF : 70.1/4

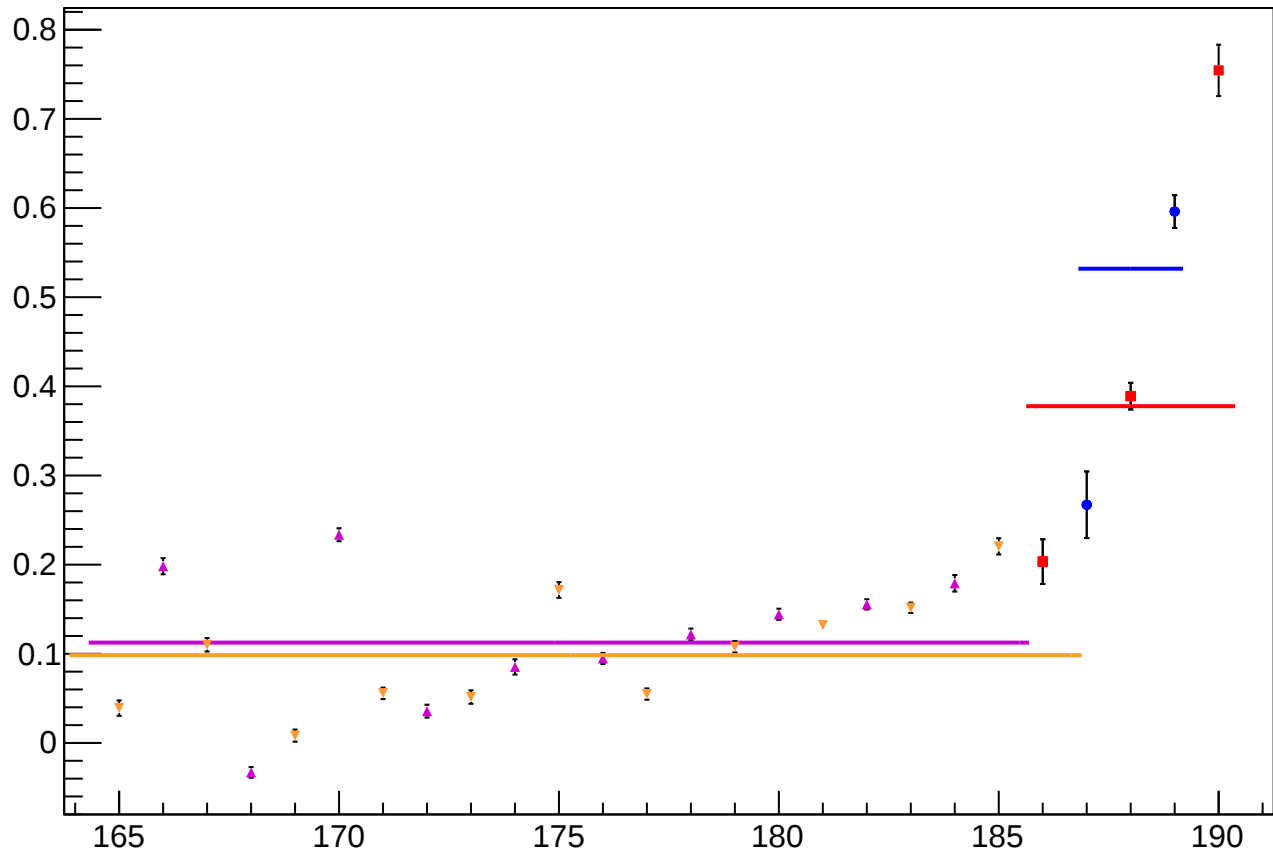
Left In: 0.482 ± 0.050 χ^2/NDF : 2957.0/9

+ sign -0.143 ± 0.046 χ^2/NDF : 3716.6/14

All: 0.110 ± 0.033 χ^2/NDF : 6851.1/29

- sign 0.385 ± 0.048 χ^2/NDF : 3070.8/14

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.532 ± 0.012 χ^2/NDF : 124.8/3

Left Out: 0.098 ± 0.002 χ^2/NDF : 731.0/10

Right Out: 0.378 ± 0.009 χ^2/NDF : 268.3/4

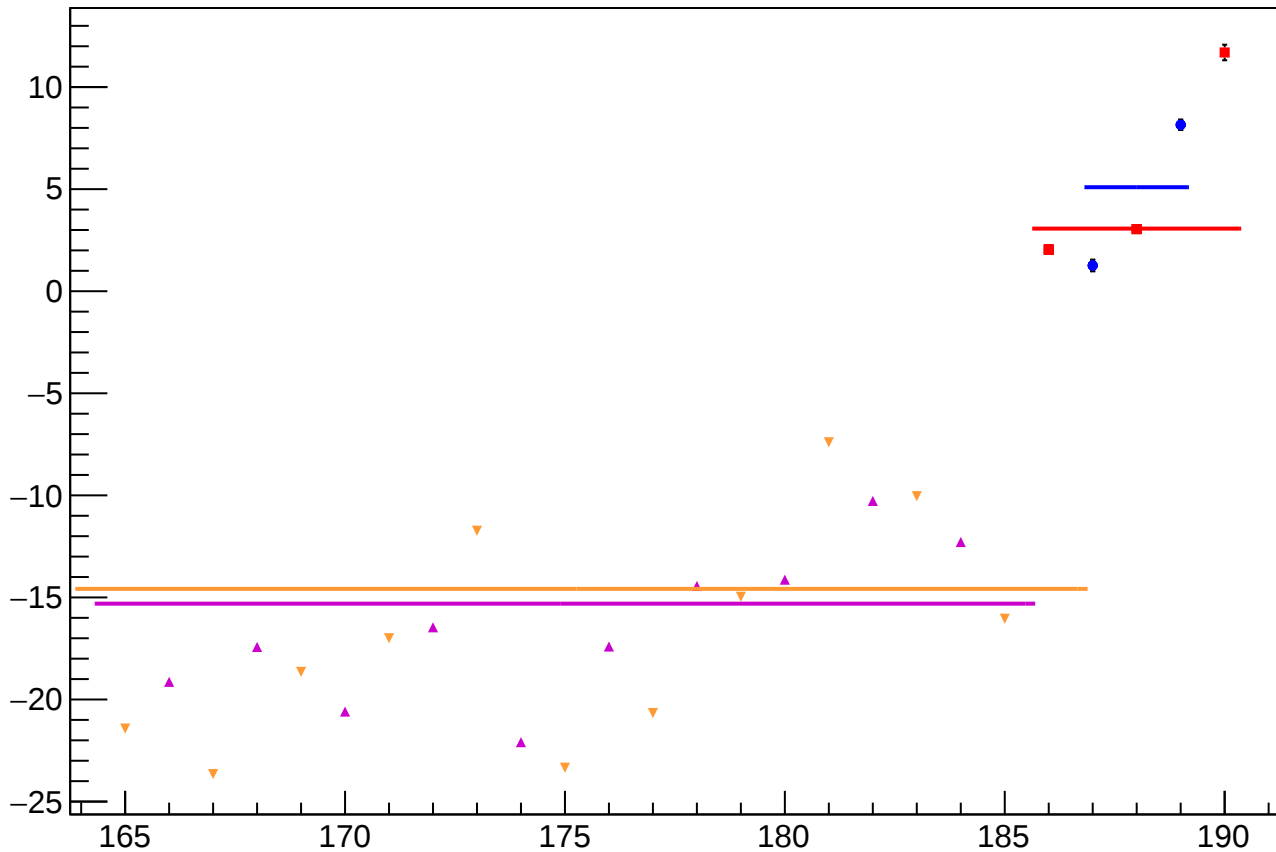
Left In: 0.113 ± 0.002 χ^2/NDF : 1218.7/9

+ sign 0.112 ± 0.002 χ^2/NDF : 2195.5/14

All: 0.120 ± 0.001 χ^2/NDF : 4598.3/29

- sign 0.129 ± 0.002 χ^2/NDF : 2369.4/14

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 5.095 ± 0.132 $\chi^2/\text{NDF}: 670.7/3$

Left Out: -14.580 ± 0.047 $\chi^2/\text{NDF}: 15411.0/10$

Right Out: 3.068 ± 0.072 $\chi^2/\text{NDF}: 566.2/4$

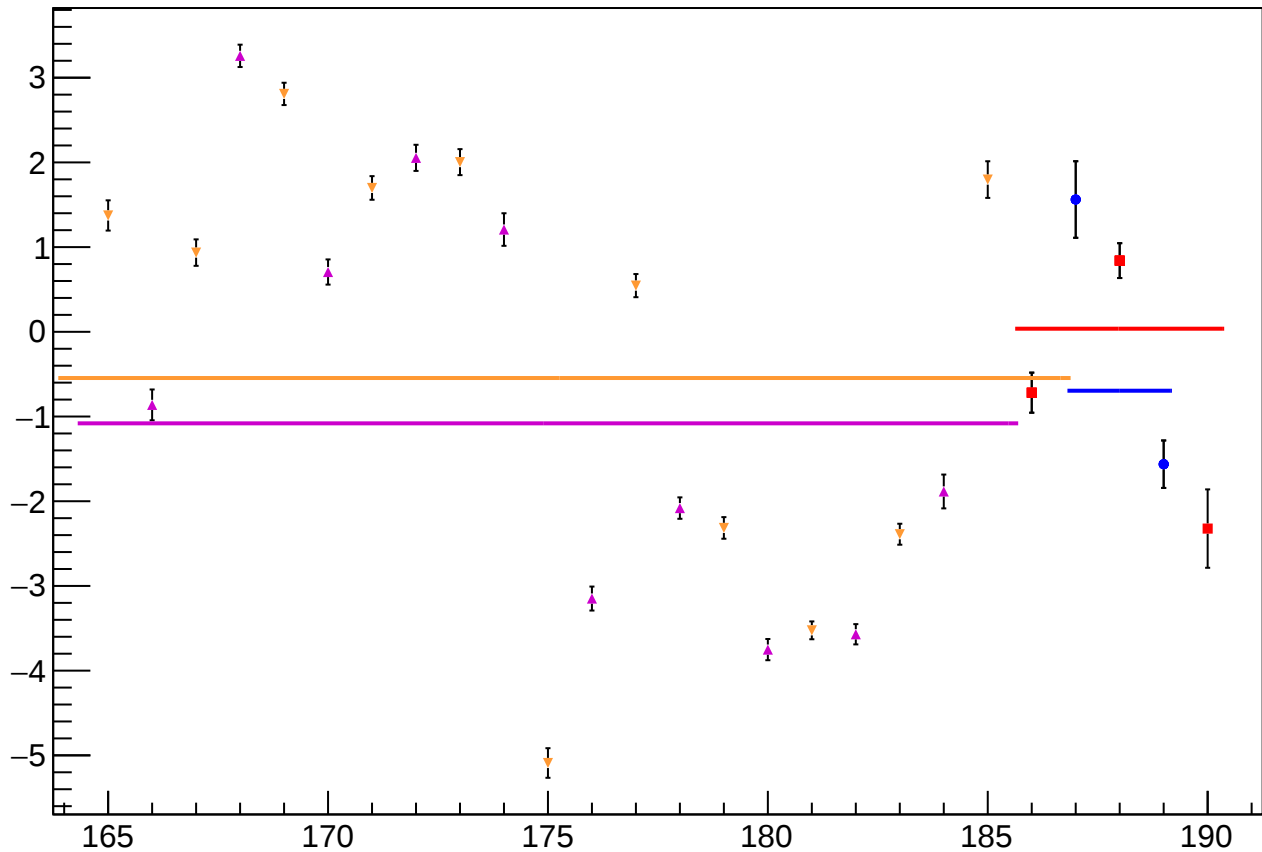
Left In: -15.305 ± 0.050 $\chi^2/\text{NDF}: 4748.5/9$

+ sign -12.383 ± 0.044 $\chi^2/\text{NDF}: 35753.9/14$

All: -10.745 ± 0.030 $\chi^2/\text{NDF}: 87124.2/29$

- sign -9.313 ± 0.041 $\chi^2/\text{NDF}: 48794.6/14$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: -0.695 ± 0.168 χ^2/NDF : 69.1/3

Left Out: -0.545 ± 0.043 χ^2/NDF : 3460.9/10

Right Out: 0.037 ± 0.107 χ^2/NDF : 76.9/4

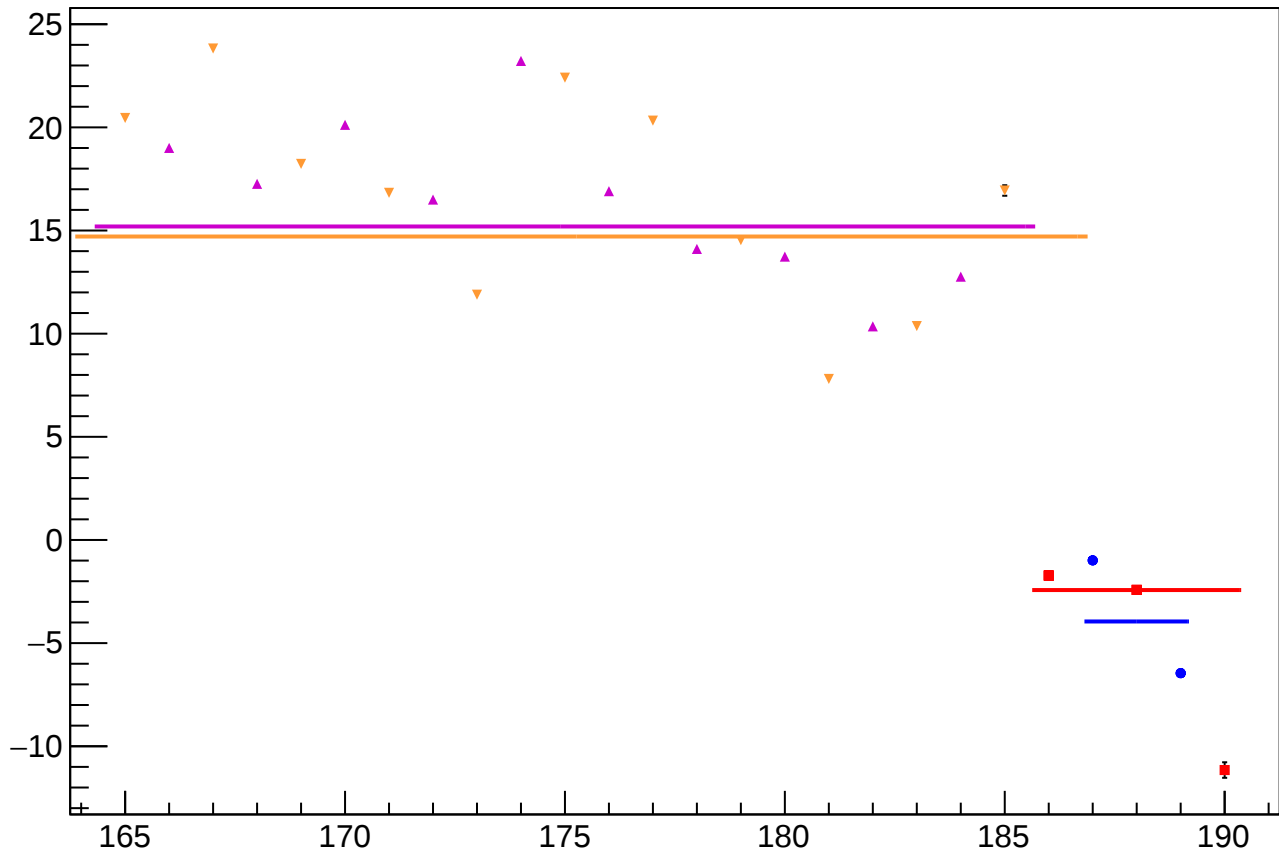
Left In: -1.080 ± 0.046 χ^2/NDF : 2962.3/9

+ sign -0.555 ± 0.041 χ^2/NDF : 3530.7/14

All: -0.727 ± 0.030 χ^2/NDF : 6697.6/29

- sign -0.906 ± 0.042 χ^2/NDF : 3131.6/14

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -3.951 $\pm$ 0.110 χ^2/NDF : 608.9/3

Left Out: 14.709 $\pm$ 0.048 χ^2/NDF :13076.1/10

Right Out: -2.428 $\pm$ 0.059 χ^2/NDF : 579.4/4

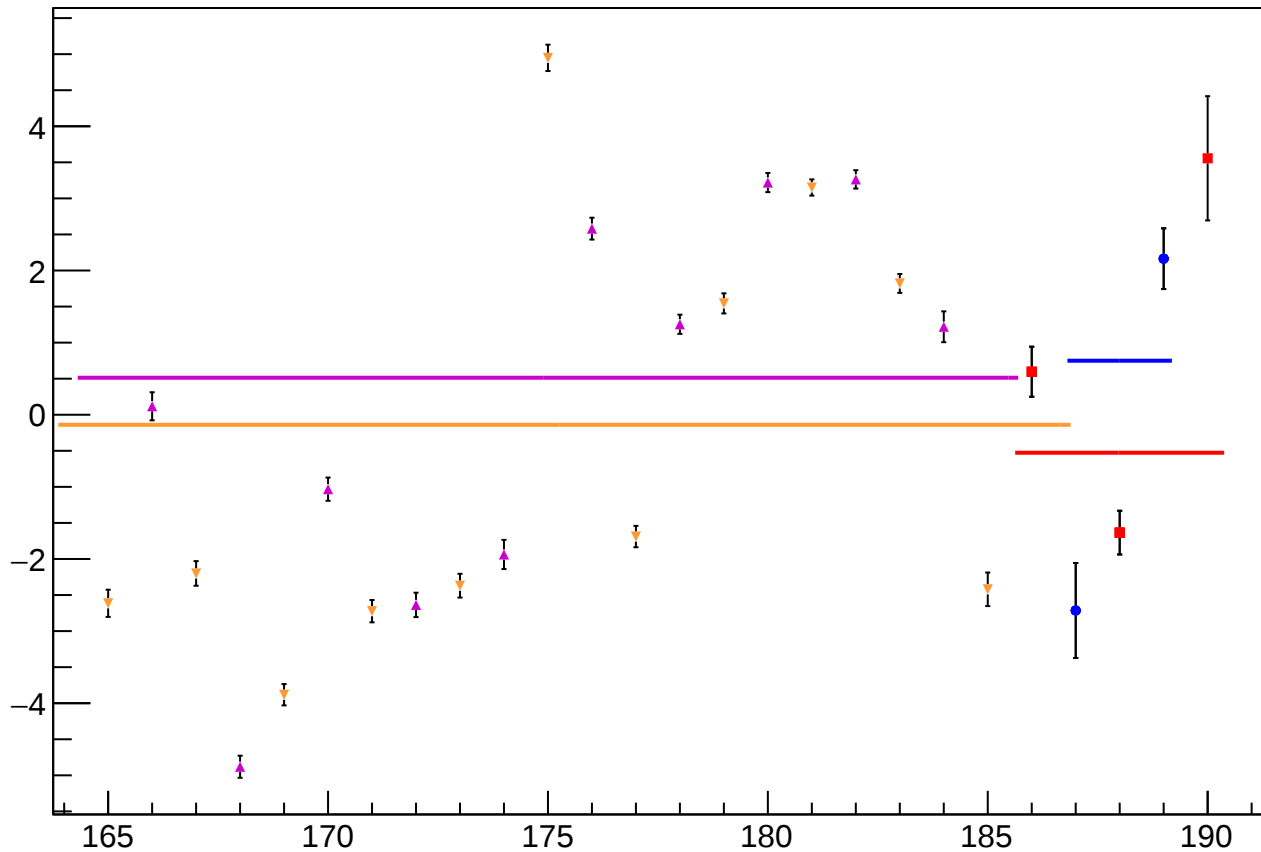
Left In: 15.196 $\pm$ 0.051 χ^2/NDF :4463.0/9

+ sign 11.770 $\pm$ 0.044 χ^2/NDF : 37749.7/14

All: 9.403 $\pm$ 0.029 χ^2/NDF : 99393.7/29

- sign 7.577 $\pm$ 0.038 χ^2/NDF : 56478.4/14

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: 0.749 ± 0.251 $\chi^2/\text{NDF}: 77.9/3$

Left Out: -0.140 ± 0.046 $\chi^2/\text{NDF}: 3630.3/10$

Right Out: -0.527 ± 0.159 $\chi^2/\text{NDF}: 70.2/4$

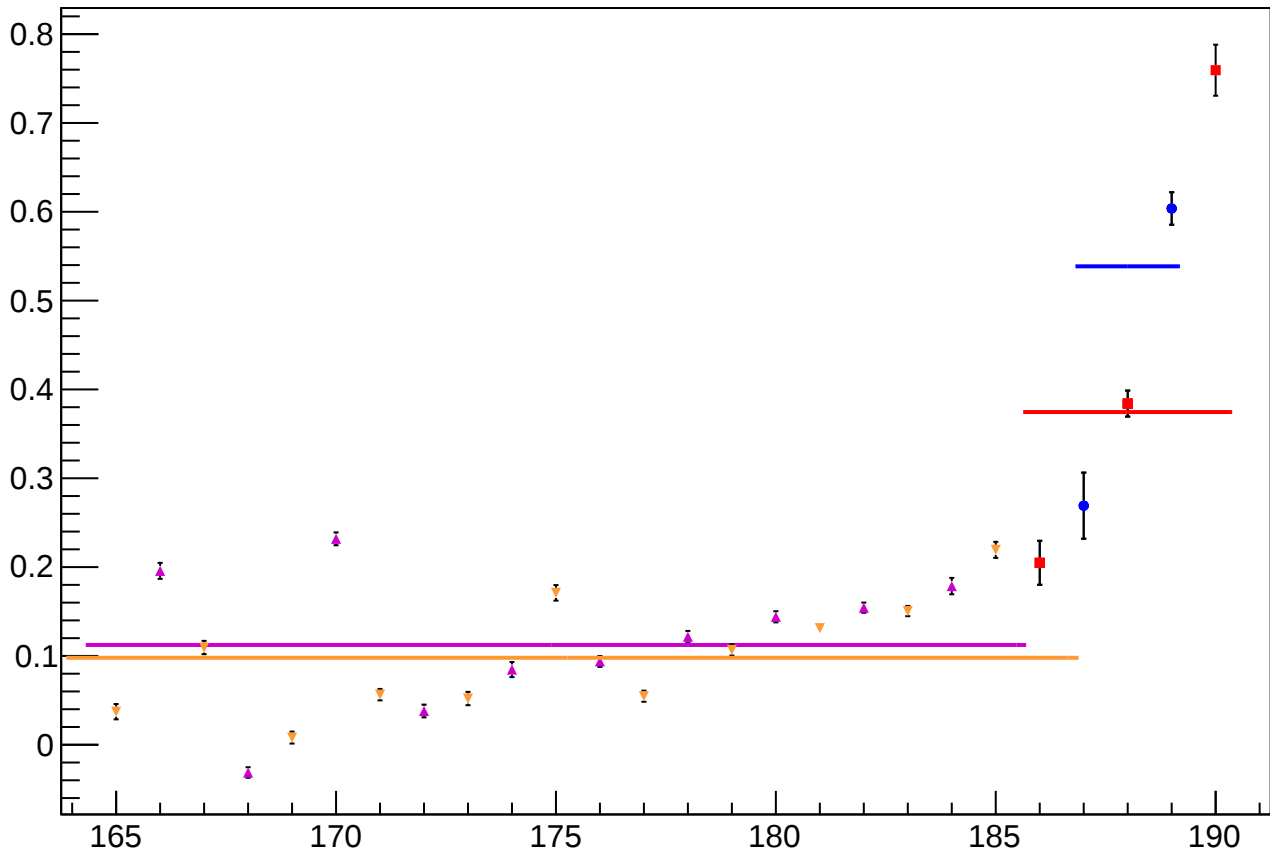
Left In: 0.513 ± 0.050 $\chi^2/\text{NDF}: 2939.2/9$

+ sign -0.111 ± 0.045 $\chi^2/\text{NDF}: 3720.3/14$

All: 0.144 ± 0.033 $\chi^2/\text{NDF}: 6834.5/29$

- sign 0.421 ± 0.047 $\chi^2/\text{NDF}: 3048.5/14$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.539 ± 0.012 χ^2/NDF : 130.1/3

Left Out: 0.098 ± 0.002 χ^2/NDF : 732.0/10

Right Out: 0.375 ± 0.009 χ^2/NDF : 274.1/4

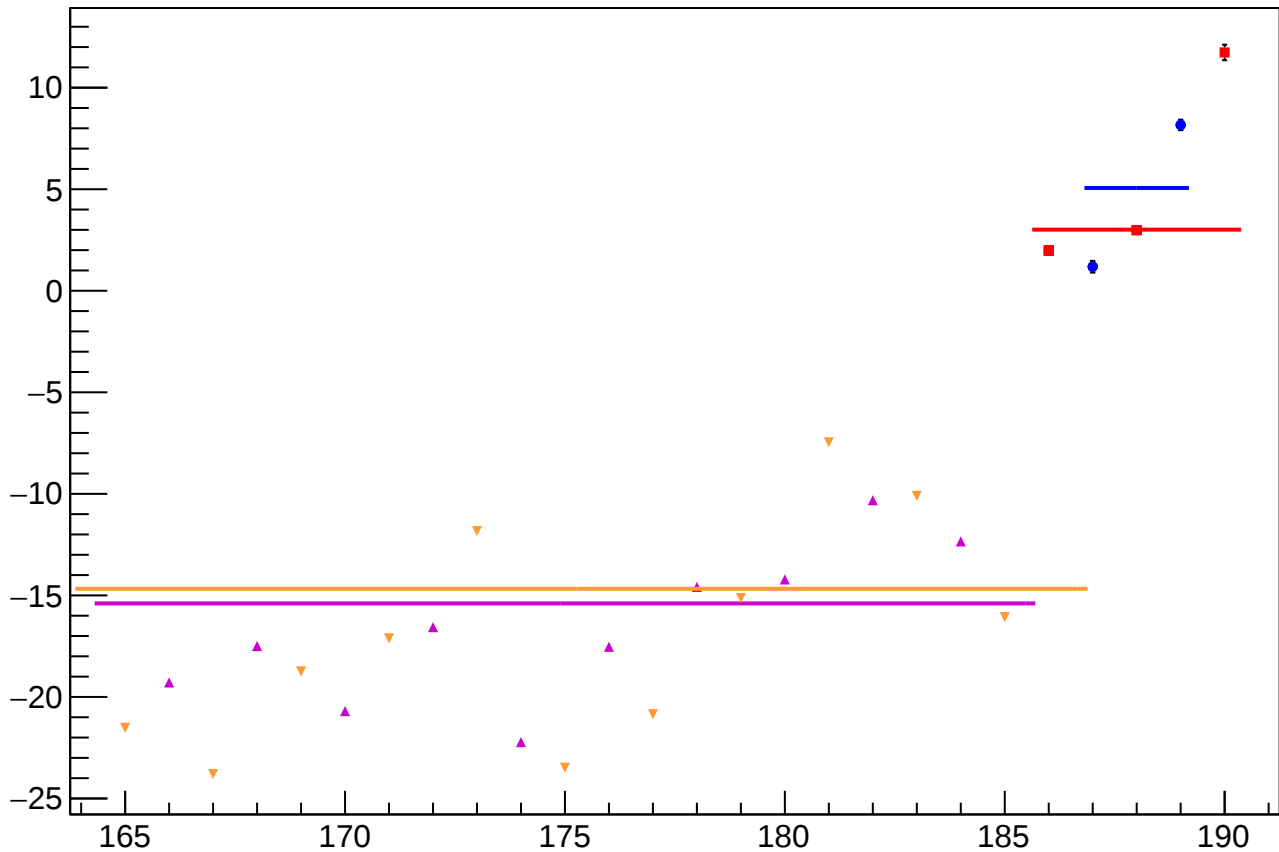
Left In: 0.112 ± 0.002 χ^2/NDF : 1198.4/9

+ sign 0.111 ± 0.002 χ^2/NDF : 2258.3/14

All: 0.119 ± 0.001 χ^2/NDF : 4654.0/29

- sign 0.128 ± 0.002 χ^2/NDF : 2360.8/14

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 5.062 $\pm$ 0.133 χ^2 /NDF: 682.4/3

Left Out: -14.676 $\pm$ 0.047 χ^2 /NDF:15449.0/10

Right Out: 3.010 $\pm$ 0.073 χ^2 /NDF: 575.2/4

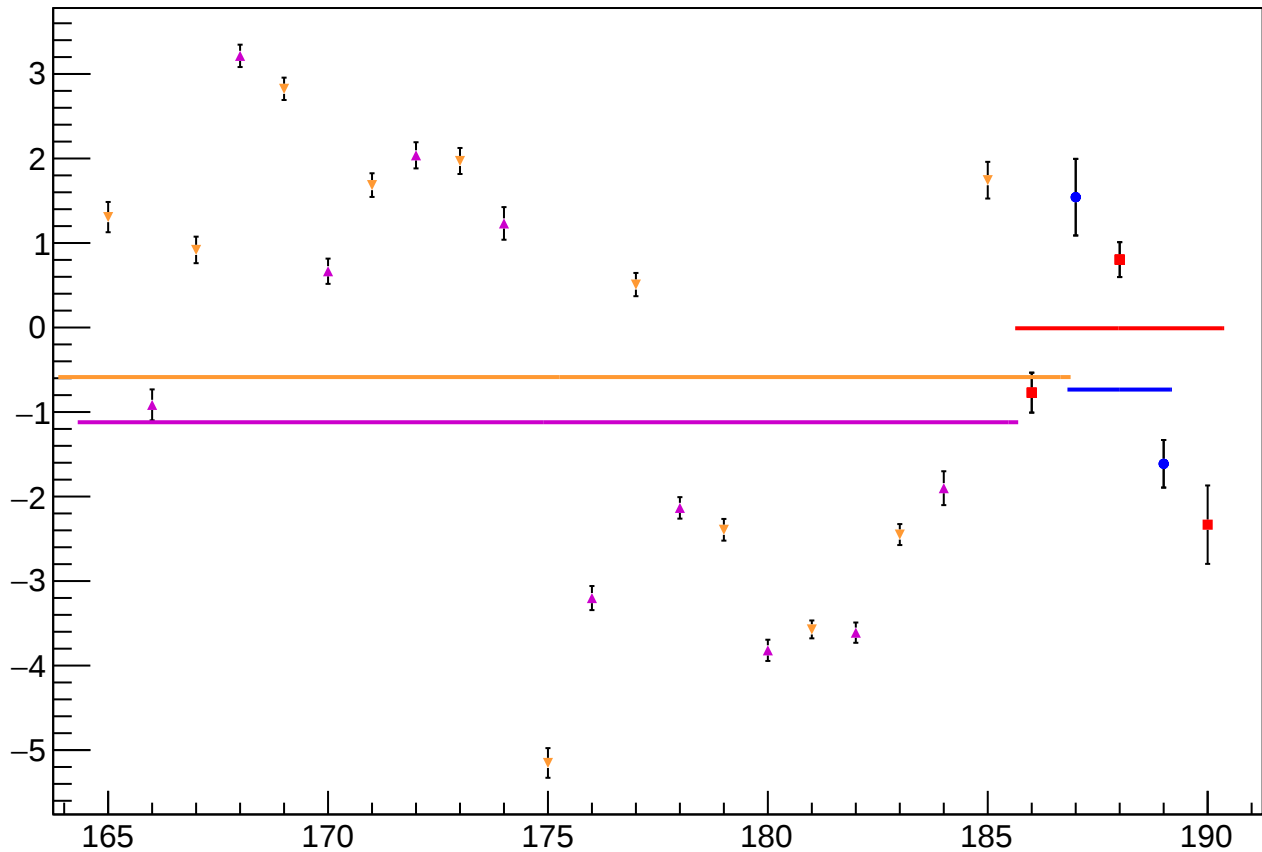
Left In: -15.394 $\pm$ 0.051 χ^2 /NDF:4782.3/9

+ sign -12.470 $\pm$ 0.044 χ^2 /NDF: 35774.1/14

All: -10.819 $\pm$ 0.030 χ^2 /NDF: 87094.6/29

- sign -9.378 $\pm$ 0.041 χ^2 /NDF: 48727.1/14

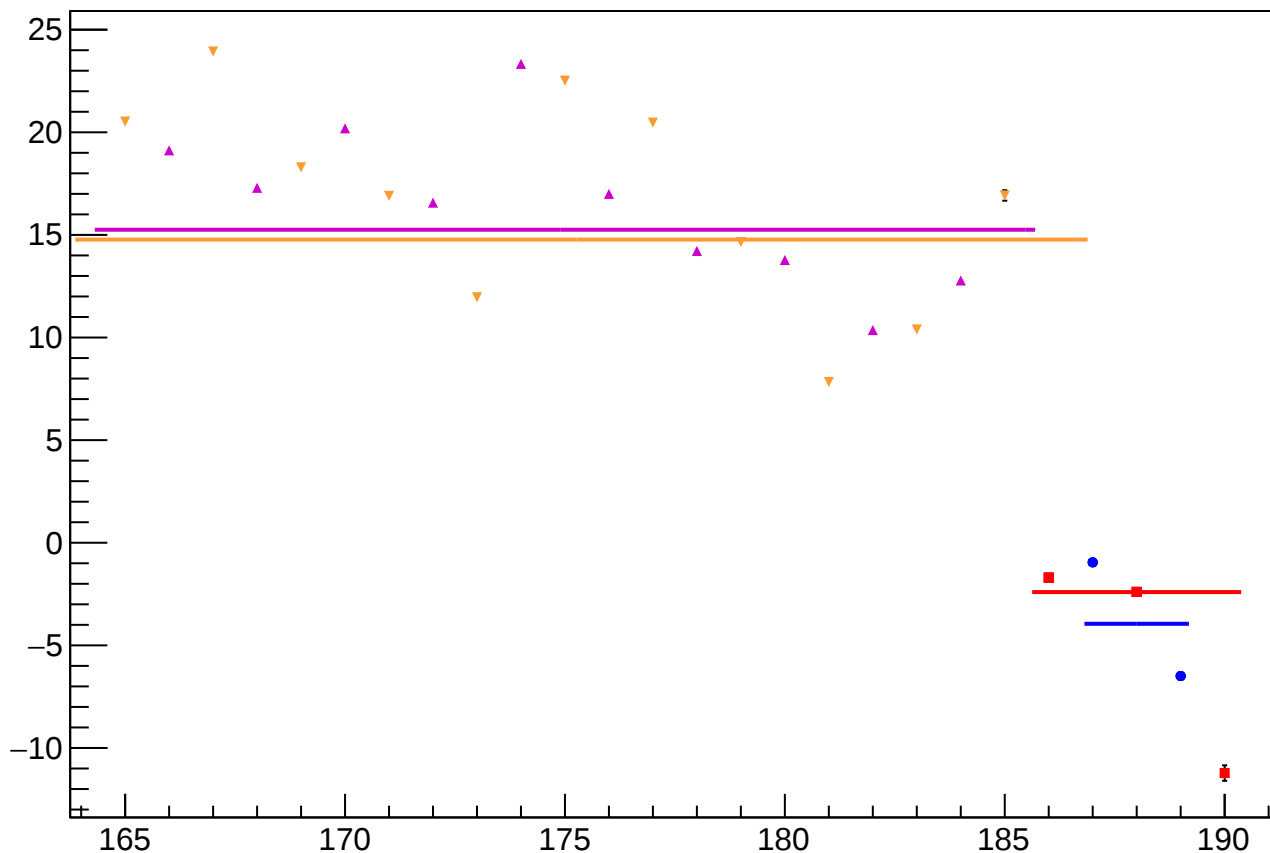
reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: -0.734 $\pm$ 0.169 χ^2 /NDF: 69.9/3
 Left Out: -0.586 $\pm$ 0.043 χ^2 /NDF: 3483.4/10
 Right Out: -0.009 $\pm$ 0.107 χ^2 /NDF: 76.8/4
 Left In: -1.121 $\pm$ 0.046 χ^2 /NDF: 2966.6/9

+ sign -0.595 $\pm$ 0.042 χ^2 /NDF: 3554.1/14
 All: -0.767 $\pm$ 0.030 χ^2 /NDF: 6723.5/29
 - sign -0.946 $\pm$ 0.042 χ^2 /NDF: 3134.5/14

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -3.949 ± 0.111 χ^2/NDF : 620.0/3

Left Out: 14.772 ± 0.048 χ^2/NDF : 13109.5/10

Right Out: -2.403 ± 0.059 χ^2/NDF : 588.1/4

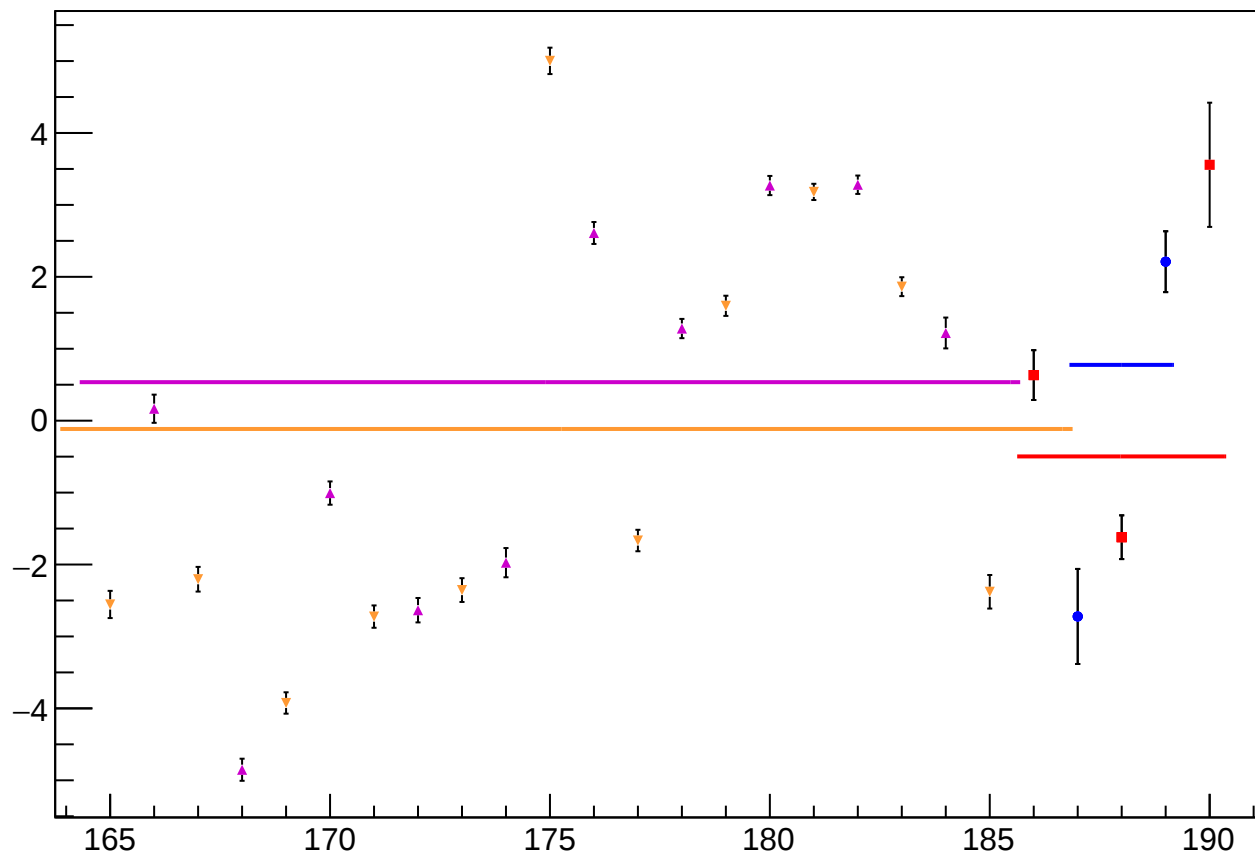
Left In: 15.252 ± 0.051 χ^2/NDF : 4494.5/9

+ sign 11.821 ± 0.044 χ^2/NDF : 37753.6/14

All: 9.439 ± 0.029 χ^2/NDF : 99319.8/29

- sign 7.604 ± 0.039 χ^2/NDF : 56381.3/14

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: 0.776 $\pm$ 0.252 χ^2 /NDF: 79.0/3

Left Out: -0.115 $\pm$ 0.046 χ^2 /NDF: 3647.8/10

Right Out: -0.497 $\pm$ 0.159 χ^2 /NDF: 70.6/4

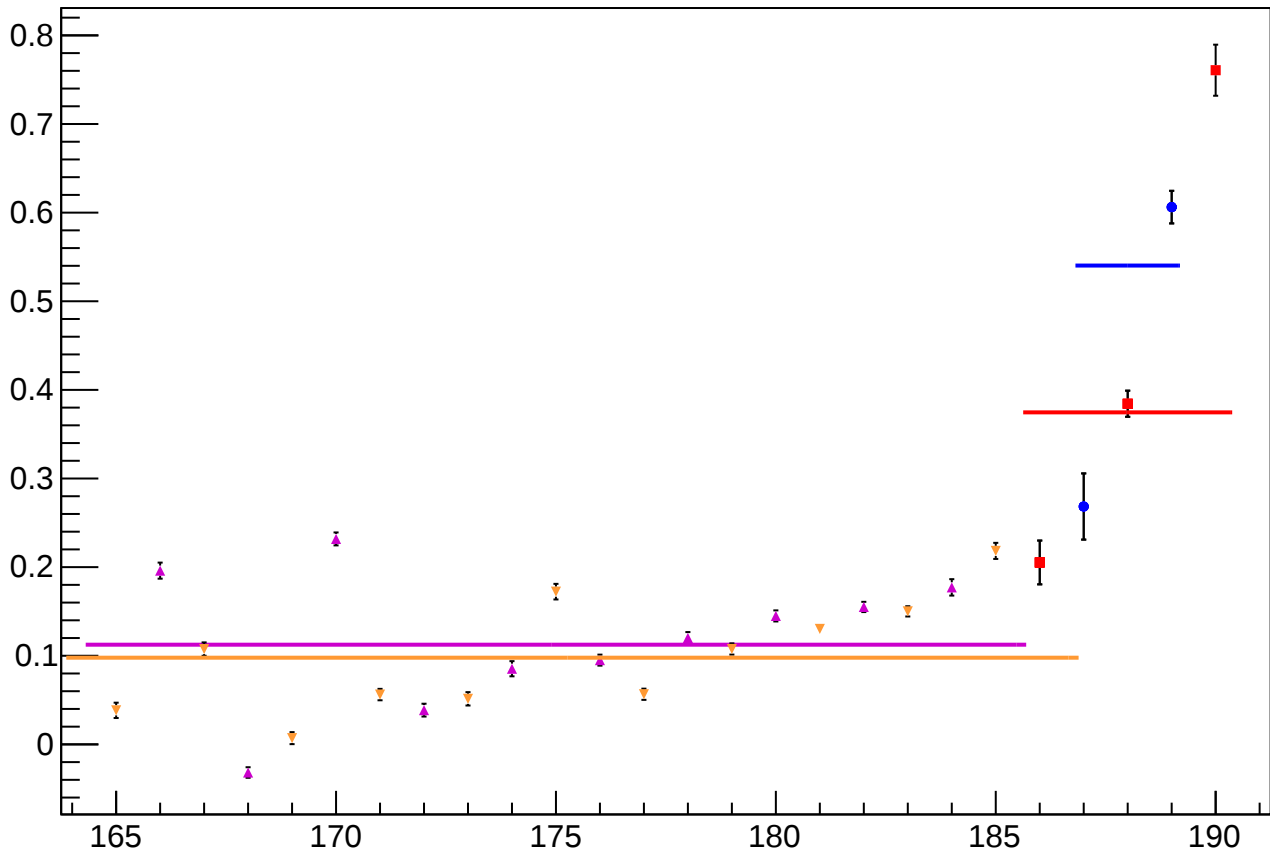
Left In: 0.536 $\pm$ 0.050 χ^2 /NDF: 2934.5/9

+ sign -0.086 $\pm$ 0.046 χ^2 /NDF: 3739.0/14

All: 0.168 $\pm$ 0.033 χ^2 /NDF: 6847.2/29

- sign 0.443 $\pm$ 0.048 χ^2 /NDF: 3043.6/14

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.540 $\pm$ 0.012 χ^2/NDF : 131.8/3

Left Out: 0.098 $\pm$ 0.002 χ^2/NDF : 721.1/10

Right Out: 0.375 $\pm$ 0.009 χ^2/NDF : 274.3/4

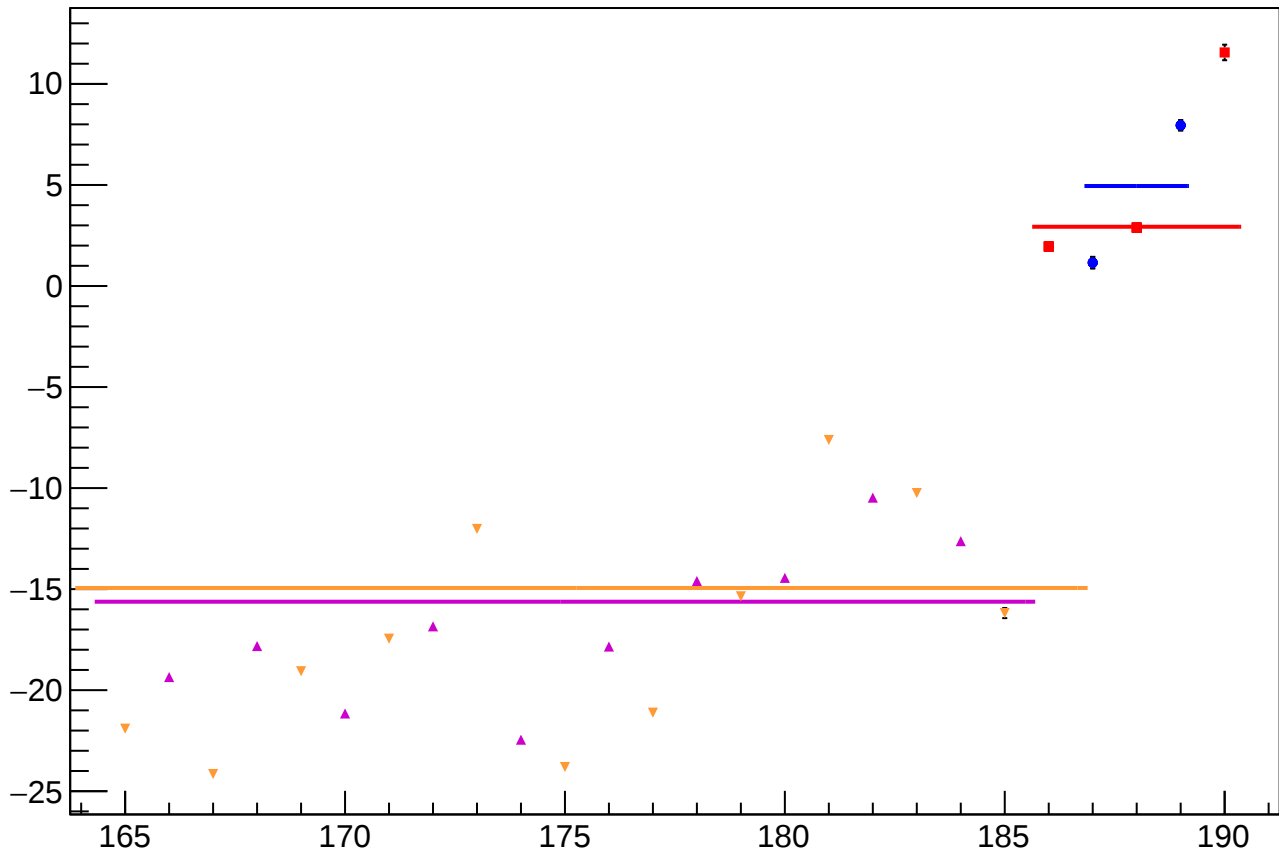
Left In: 0.112 $\pm$ 0.002 χ^2/NDF : 1191.1/9

+ sign 0.111 $\pm$ 0.002 χ^2/NDF : 2248.5/14

All: 0.119 $\pm$ 0.001 χ^2/NDF : 4631.6/29

- sign 0.129 $\pm$ 0.002 χ^2/NDF : 2347.6/14

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 4.949 $\pm$ 0.133 χ^2 /NDF: 641.9/3

Left Out: -14.943 $\pm$ 0.048 χ^2 /NDF:15029.8/10

Right Out: 2.933 $\pm$ 0.072 χ^2 /NDF: 554.3/4

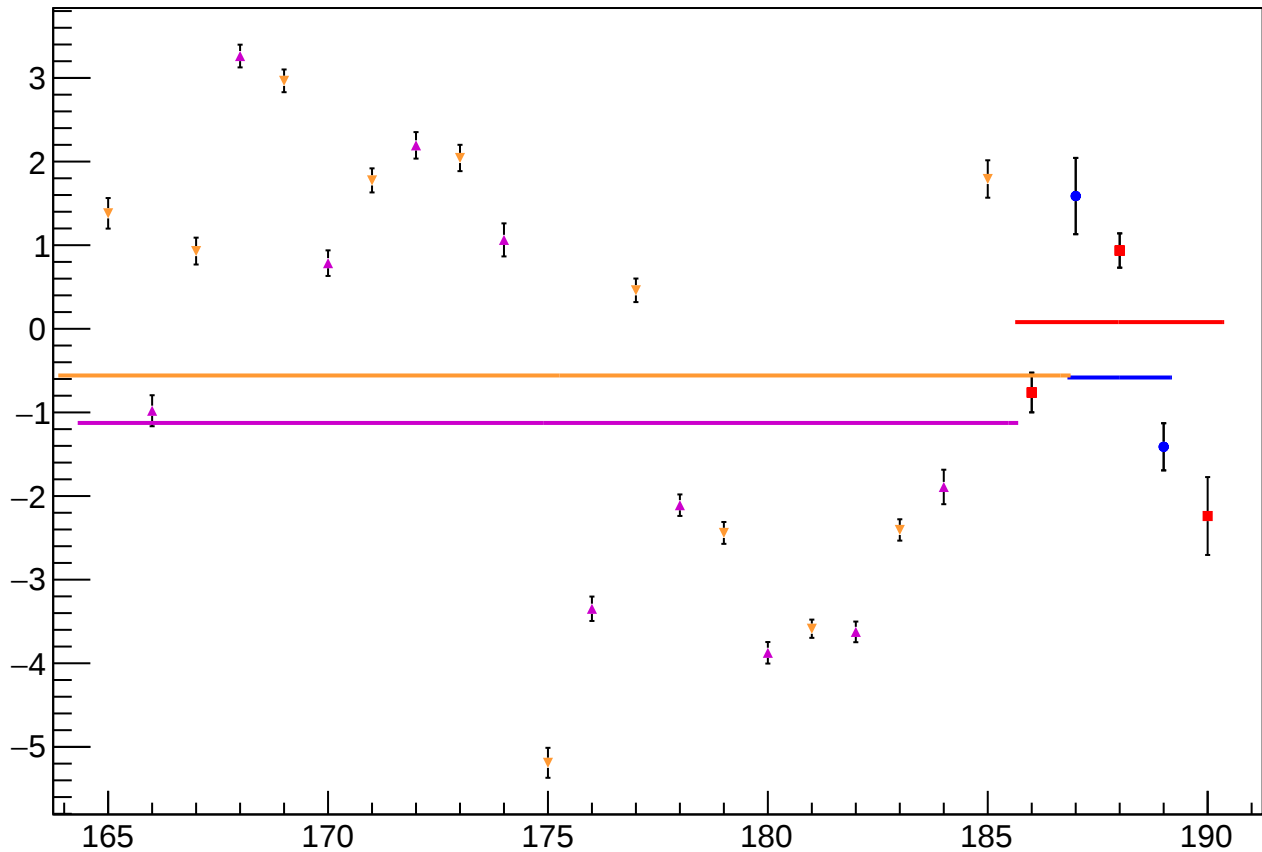
Left In: -15.623 $\pm$ 0.052 χ^2 /NDF:4671.8/9

+ sign -12.631 $\pm$ 0.045 χ^2 /NDF: 35381.1/14

All: -10.860 $\pm$ 0.031 χ^2 /NDF: 87025.0/29

- sign -9.341 $\pm$ 0.042 χ^2 /NDF: 48819.0/14

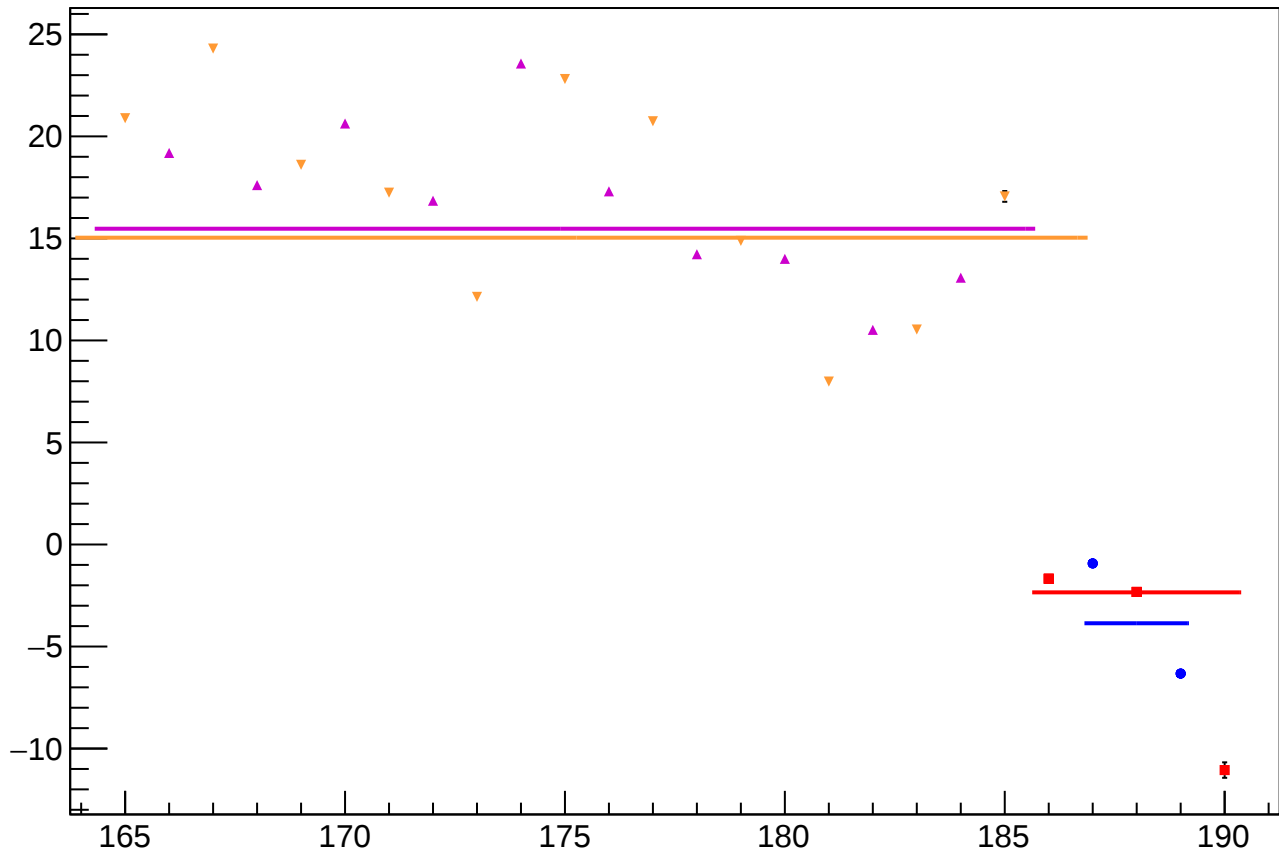
reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: -0.582 ± 0.170 $\chi^2/\text{NDF}: 62.5/3$
 Left Out: -0.558 ± 0.044 $\chi^2/\text{NDF}: 3424.9/10$
 Right Out: 0.080 ± 0.107 $\chi^2/\text{NDF}: 84.8/4$
 Left In: -1.126 ± 0.047 $\chi^2/\text{NDF}: 2929.9/9$

+ sign -0.560 ± 0.043 $\chi^2/\text{NDF}: 3487.5/14$
 All: -0.741 ± 0.030 $\chi^2/\text{NDF}: 6645.8/29$
 - sign -0.928 ± 0.043 $\chi^2/\text{NDF}: 3121.4/14$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -3.860 ± 0.111 $\chi^2/\text{NDF}: 584.1/3$

Left Out: 15.035 ± 0.049 $\chi^2/\text{NDF}: 12770.0/10$

Right Out: -2.345 ± 0.059 $\chi^2/\text{NDF}: 566.7/4$

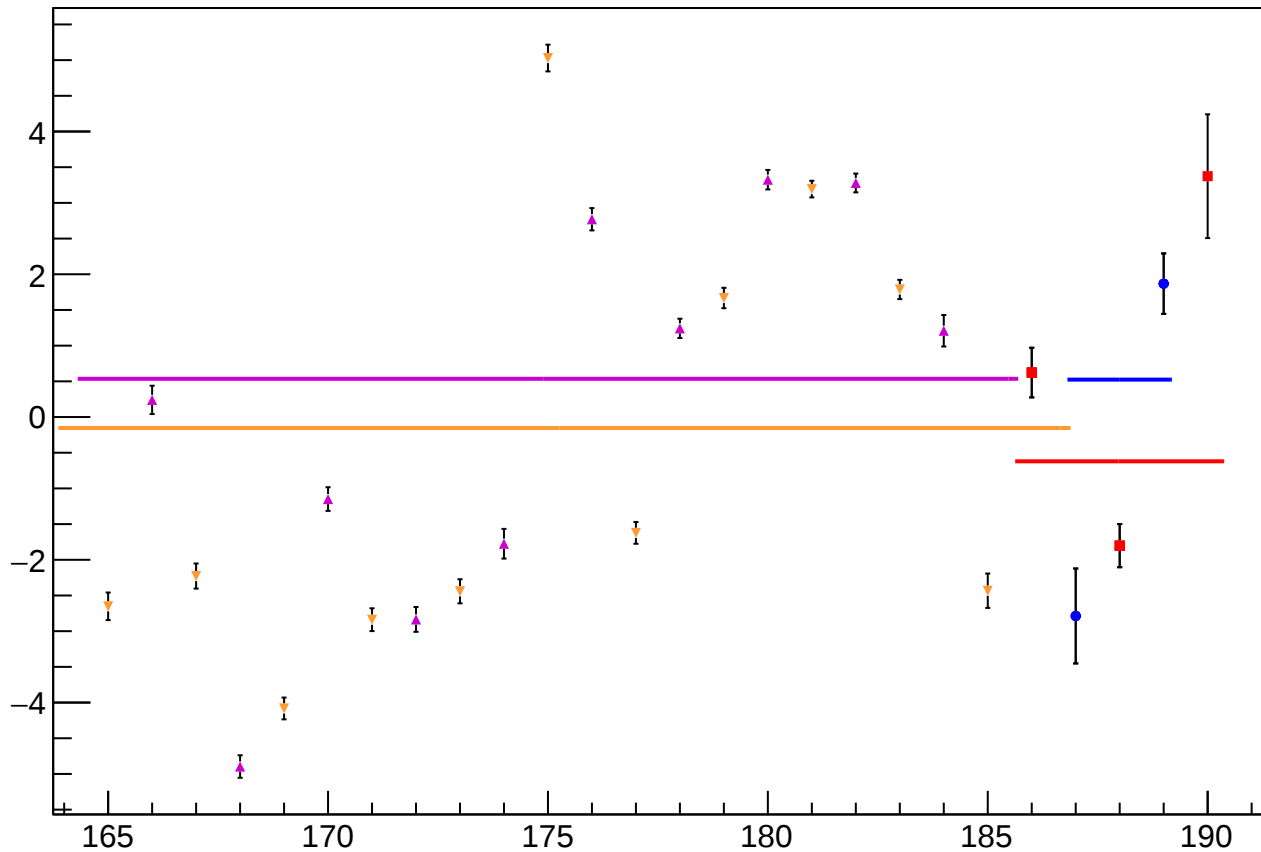
Left In: 15.475 ± 0.052 $\chi^2/\text{NDF}: 4397.1/9$

+ sign 11.943 ± 0.045 $\chi^2/\text{NDF}: 37488.6/14$

All: 9.425 ± 0.030 $\chi^2/\text{NDF}: 99340.3/29$

- sign 7.526 ± 0.039 $\chi^2/\text{NDF}: 56356.6/14$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: 0.524 ± 0.253 χ^2/NDF : 69.7/3

Left Out: -0.154 ± 0.048 χ^2/NDF : 3579.7/10

Right Out: -0.620 ± 0.159 χ^2/NDF : 77.4/4

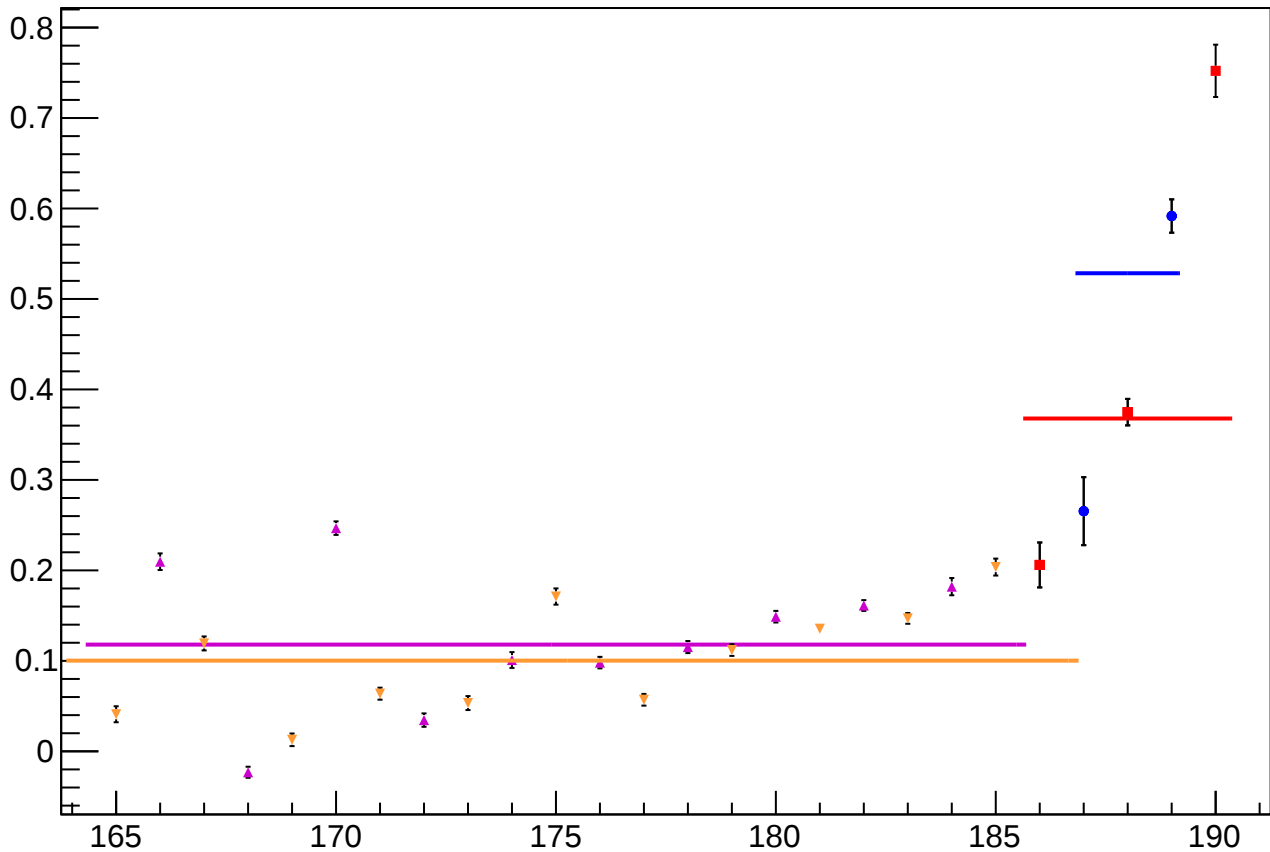
Left In: 0.536 ± 0.051 χ^2/NDF : 2883.7/9

+ sign -0.131 ± 0.047 χ^2/NDF : 3656.3/14

All: 0.138 ± 0.034 χ^2/NDF : 6734.4/29

- sign 0.428 ± 0.048 χ^2/NDF : 3009.3/14

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.528+/-0.012 χ^2/NDF : 121.5/3

Left Out: 0.100+/-0.002 χ^2/NDF : 613.6/10

Right Out: 0.368+/-0.009 χ^2/NDF : 262.0/4

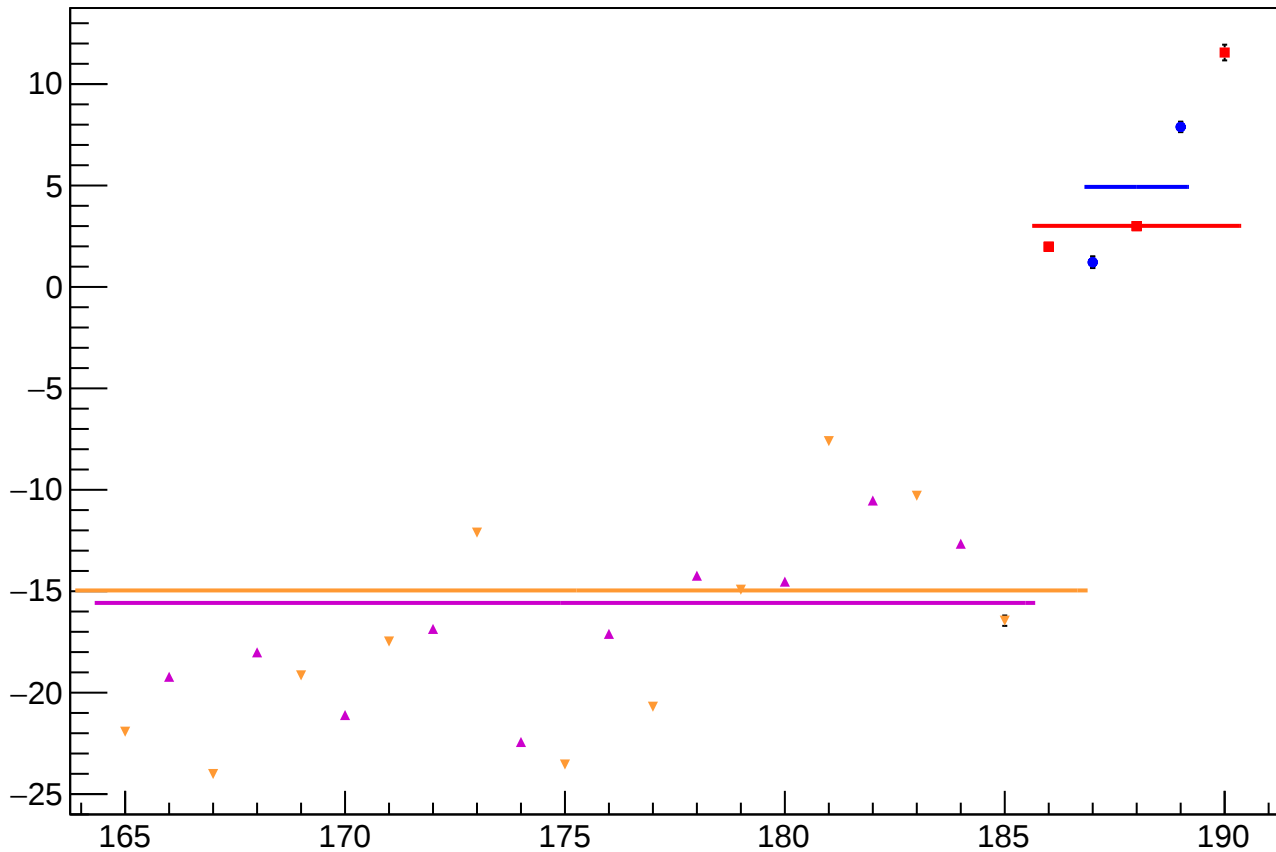
Left In: 0.118+/-0.002 χ^2/NDF : 1188.5/9

+ sign 0.114+/-0.002 χ^2/NDF : 2032.1/14

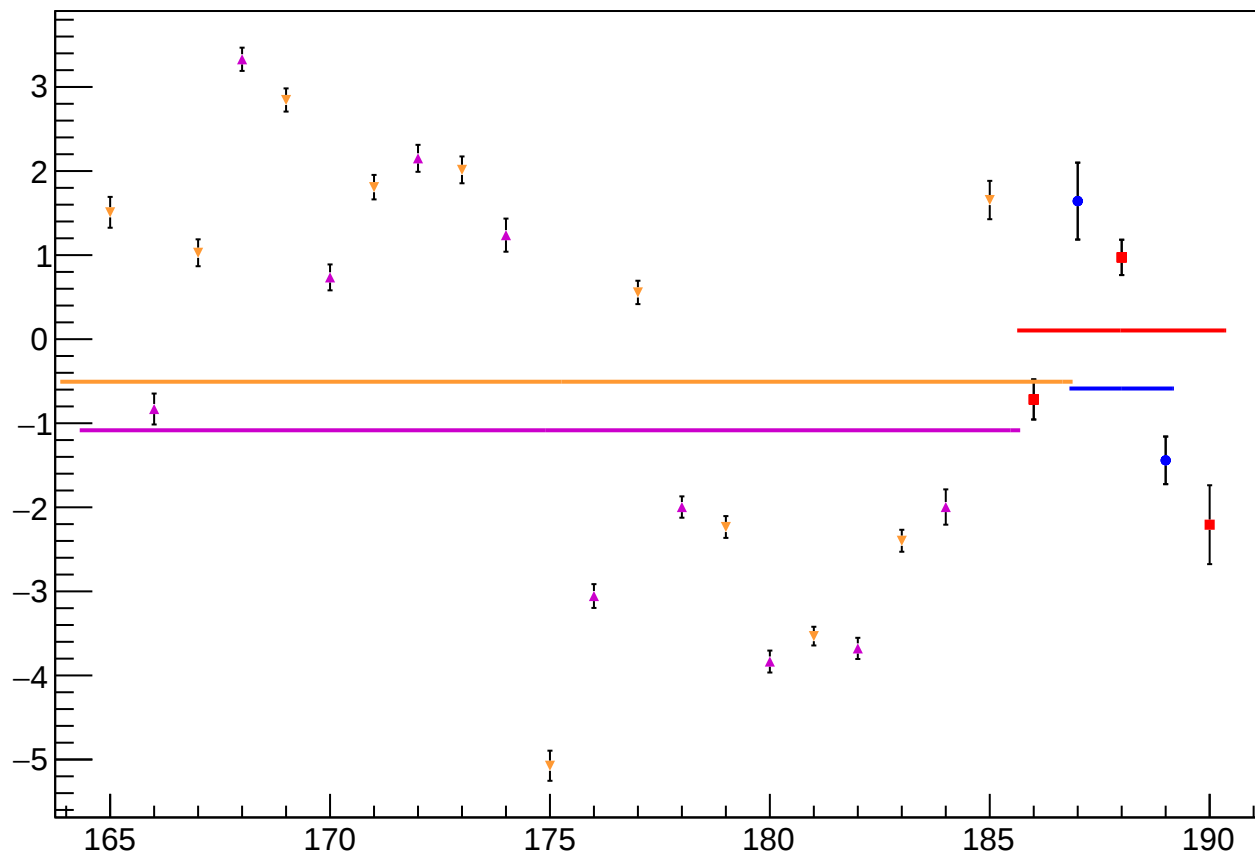
All: 0.123+/-0.002 χ^2/NDF : 4332.6/29

- sign 0.134+/-0.002 χ^2/NDF : 2254.2/14

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



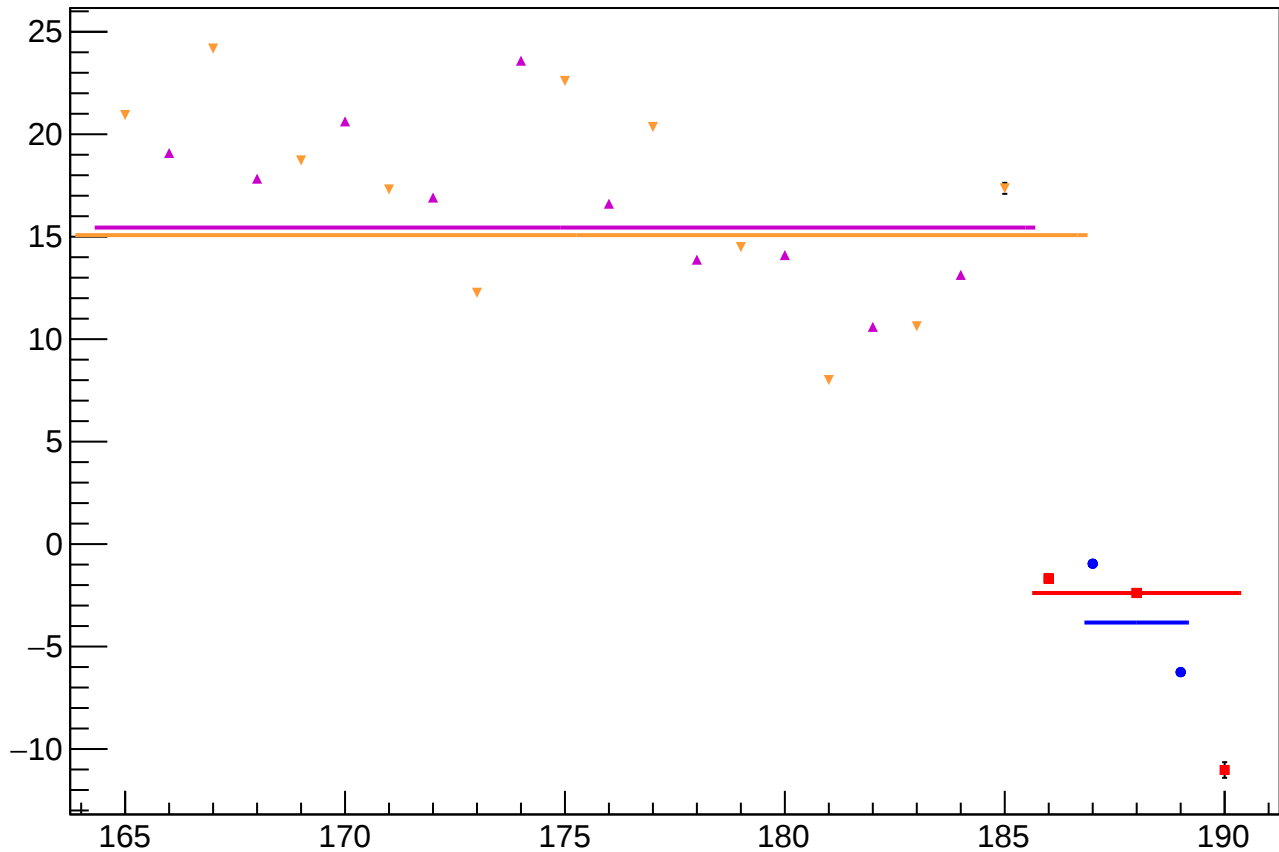
reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: -0.587 ± 0.170 χ^2/NDF : 65.7/3
 Left Out: -0.506 ± 0.044 χ^2/NDF : 3230.9/10
 Right Out: 0.104 ± 0.108 χ^2/NDF : 82.1/4
 Left In: -1.084 ± 0.047 χ^2/NDF : 2839.0/9

+ sign -0.511 ± 0.043 χ^2/NDF : 3296.8/14
 All: -0.700 ± 0.031 χ^2/NDF : 6357.7/29
 - sign -0.893 ± 0.043 χ^2/NDF : 3021.8/14

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -3.829 ± 0.112 χ^2/NDF : 558.0/3

Left Out: 15.077 ± 0.050 χ^2/NDF : 12235.2/10

Right Out: -2.388 ± 0.060 χ^2/NDF : 554.4/4

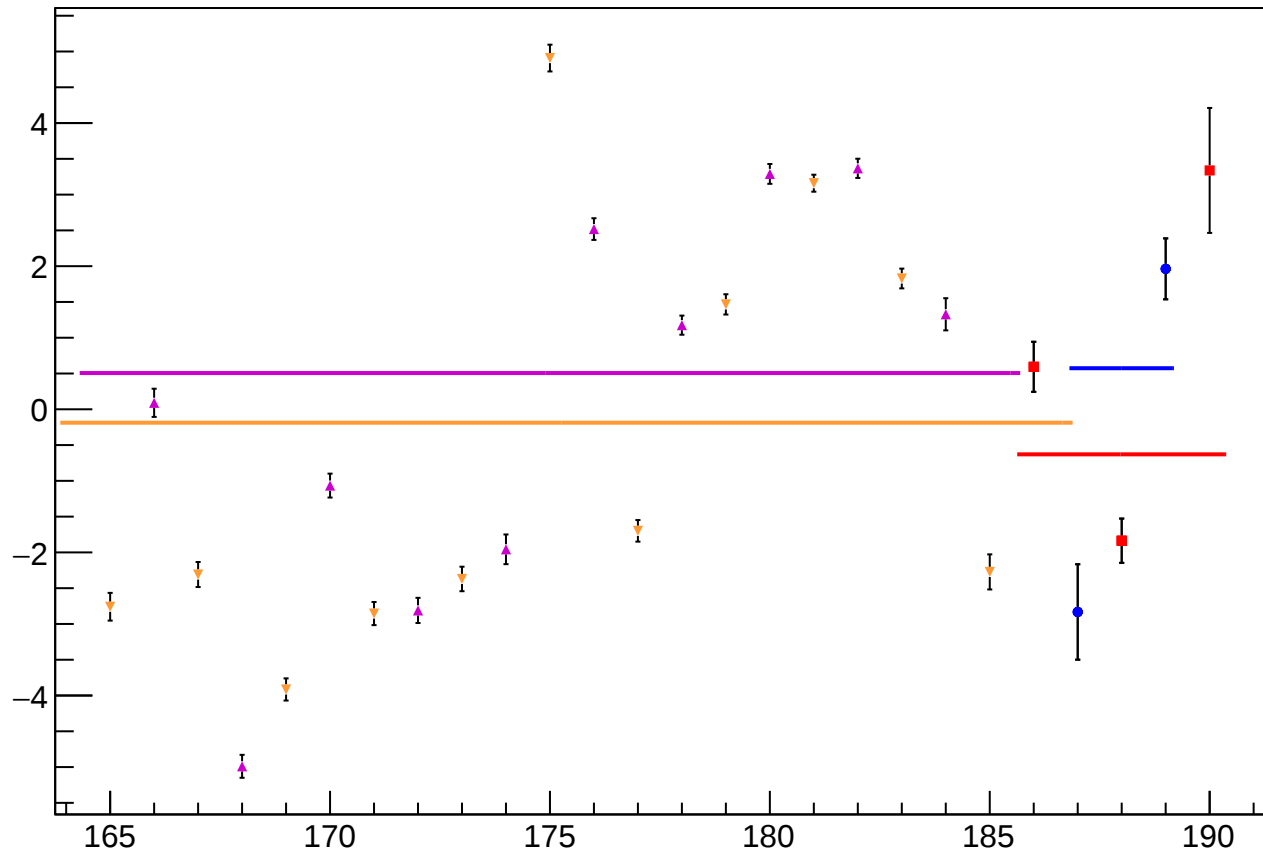
Left In: 15.446 ± 0.053 χ^2/NDF : 4247.0/9

+ sign 11.957 ± 0.045 χ^2/NDF : 36739.5/14

All: 9.488 ± 0.030 χ^2/NDF : 97024.0/29

- sign 7.618 ± 0.039 χ^2/NDF : 55076.7/14

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: 0.574 ± 0.254 χ^2/NDF : 73.5/3

Left Out: -0.187 ± 0.048 χ^2/NDF : 3395.4/10

Right Out: -0.630 ± 0.161 χ^2/NDF : 75.6/4

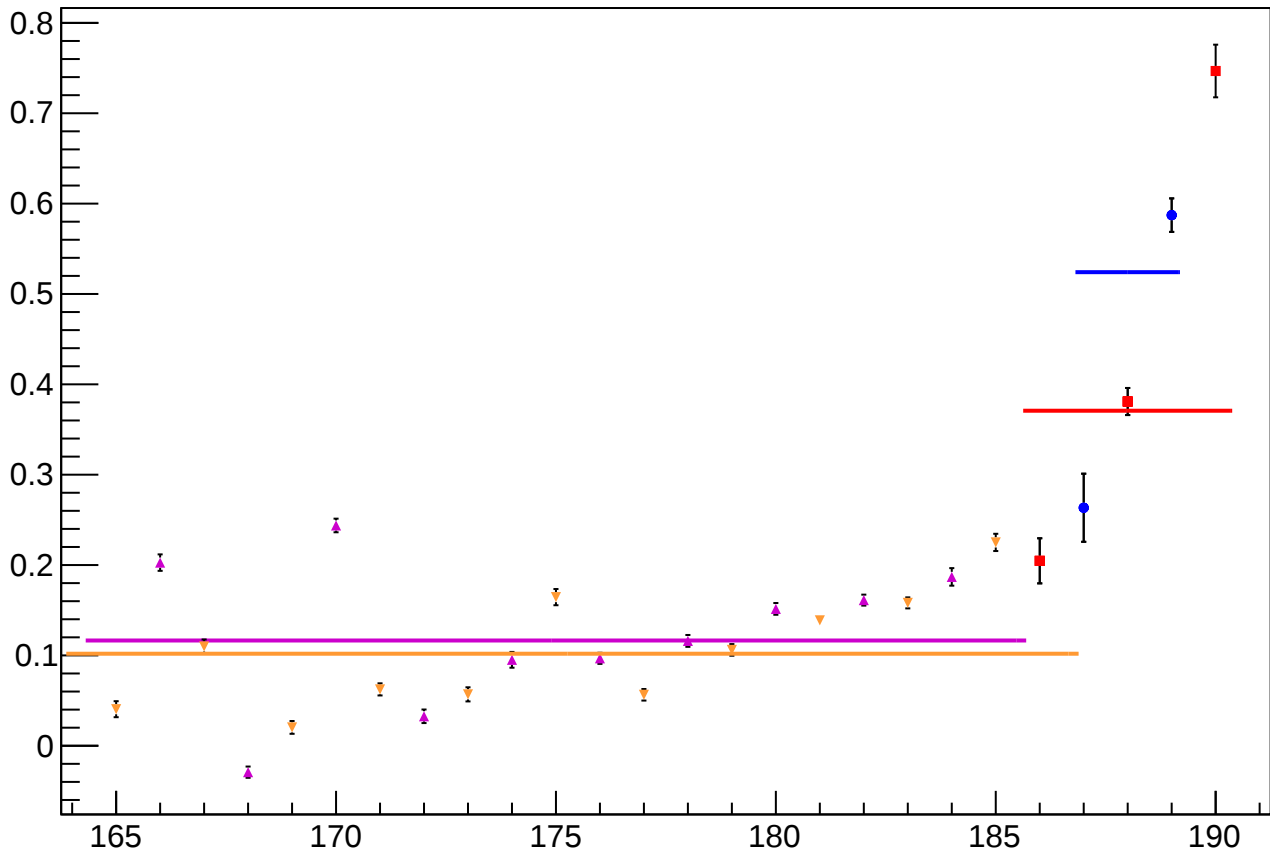
Left In: 0.507 ± 0.051 χ^2/NDF : 2836.4/9

+ sign -0.161 ± 0.047 χ^2/NDF : 3477.6/14

All: 0.111 ± 0.034 χ^2/NDF : 6504.0/29

- sign 0.403 ± 0.049 χ^2/NDF : 2957.2/14

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.524 $\pm$ 0.012 χ^2 /NDF: 118.9/3

Left Out: 0.102 $\pm$ 0.002 χ^2 /NDF:647.5/10

Right Out: 0.371 $\pm$ 0.009 χ^2 /NDF: 256.1/4

Left In: 0.117 $\pm$ 0.002 χ^2 /NDF:1200.2/9

+ sign 0.115 $\pm$ 0.002 χ^2 /NDF: 2014.0/14

All: 0.124 $\pm$ 0.002 χ^2 /NDF: 4308.5/29

- sign 0.133 $\pm$ 0.002 χ^2 /NDF: 2261.6/14