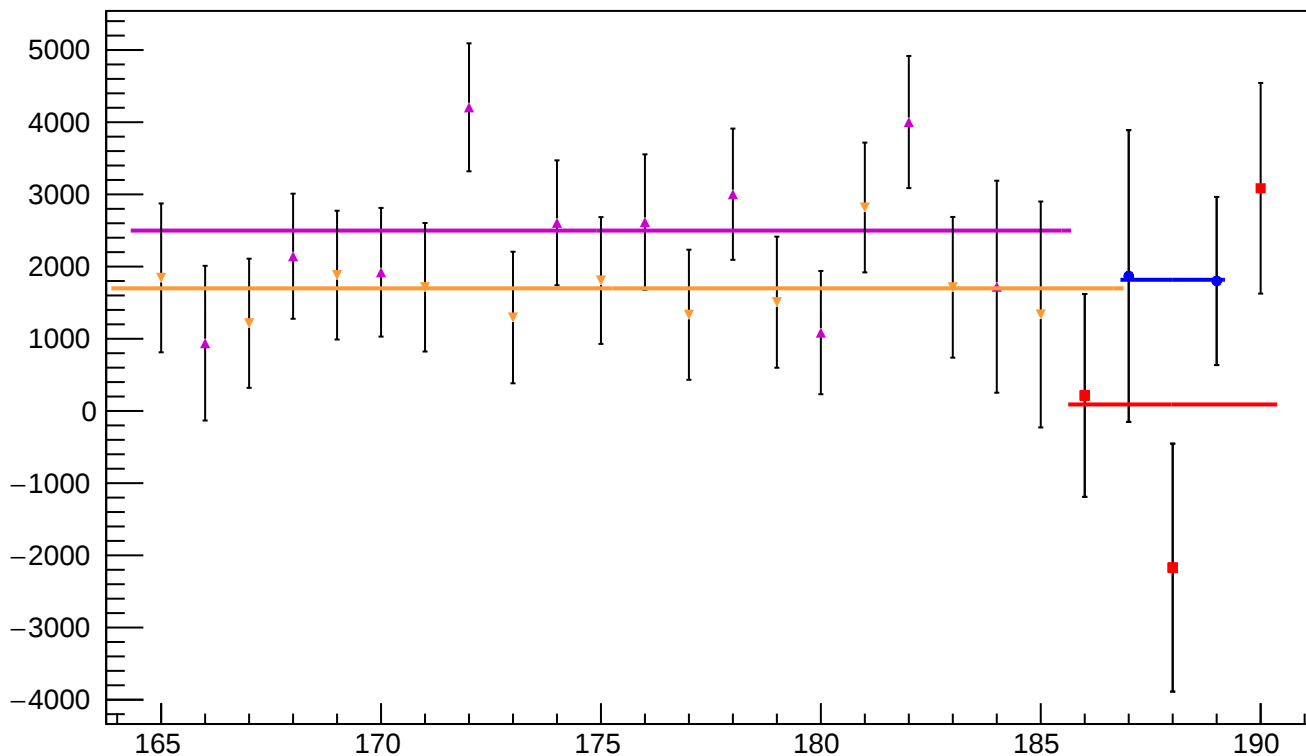


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1817.477+/-713.422

Left Out: 1699.011+/-284.513

Right Out: 90.202+/-680.328

Left In: 2498.863+/-295.536

χ^2/NDF : 0.0/3

χ^2/NDF : 2.4/10

χ^2/NDF : 7.7/4

χ^2/NDF : 12.5/9

Left: 2083.742+/-204.967

Right: 912.849+/-492.348

In: 2399.060+/-273.036

Out: 1459.527+/-262.484

All: 1910.789+/-189.225

χ^2/NDF : 18.7/20

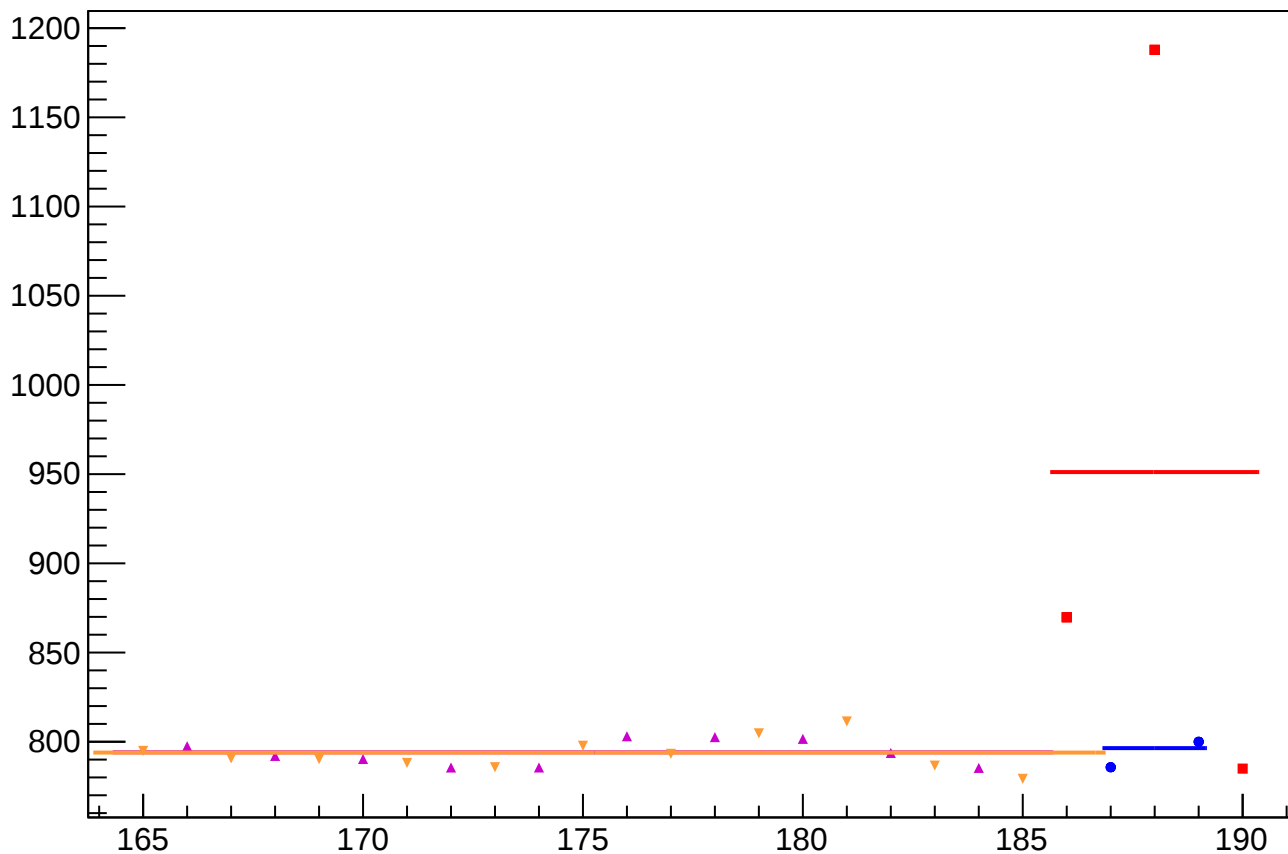
χ^2/NDF : 10.8/8

χ^2/NDF : 13.3/13

χ^2/NDF : 14.8/15

χ^2/NDF : 34.2/29

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 796.430 $\pm$ 0.504 χ^2 /NDF: 150.2/3

Left Out: 793.936 $\pm$ 0.201 χ^2 /NDF:1671.9/10

Right Out: 951.163 $\pm$ 0.481 χ^2 /NDF: 115326.7/4

Left In: 794.074 $\pm$ 0.209 χ^2 /NDF:1030.8/9

Left: 794.002 $\pm$ 0.145 χ^2 /NDF: 2702.9/20

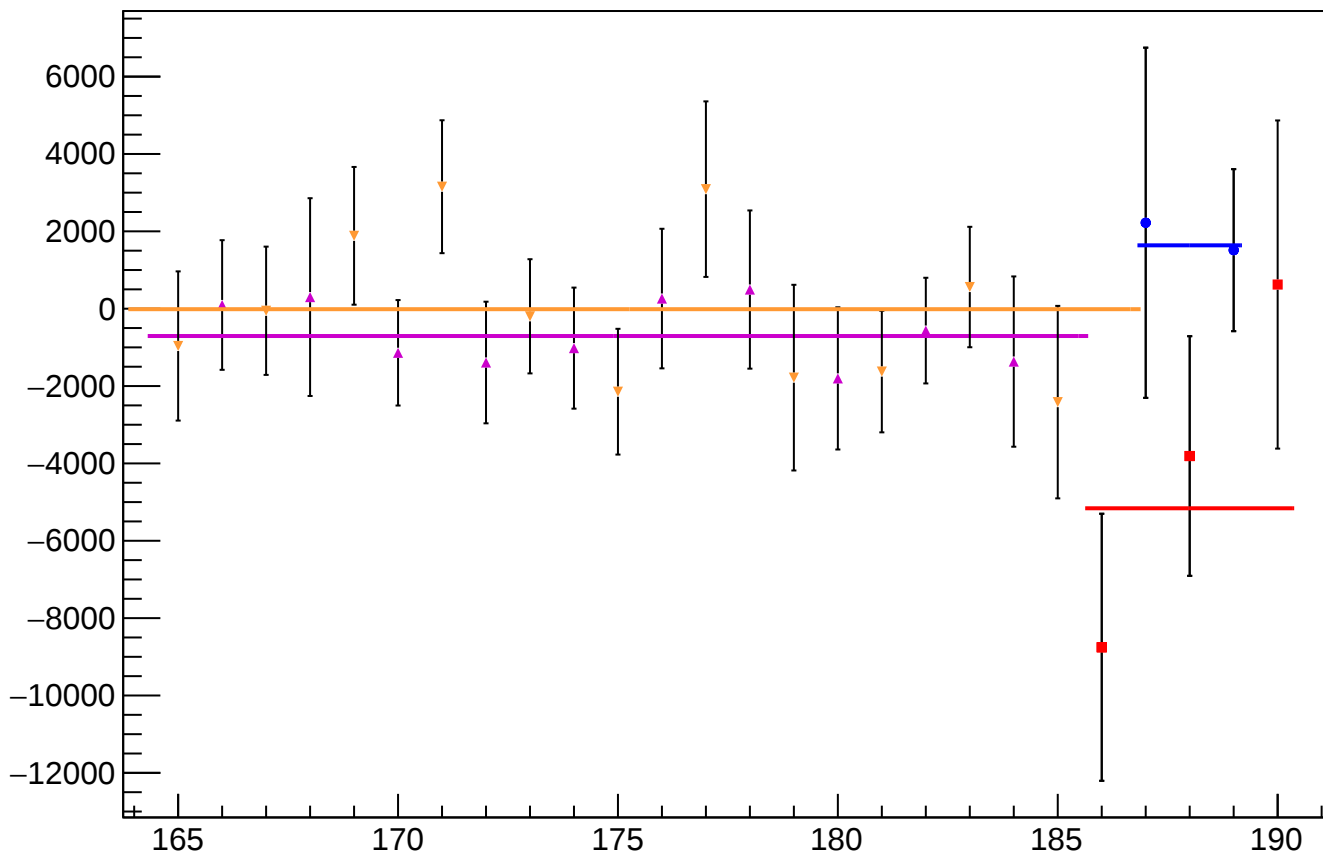
Right: 877.468 $\pm$ 0.348 χ^2 /NDF: 164750.7/8

In: 794.419 $\pm$ 0.193 χ^2 /NDF:1199.6/13

Out: 817.340 $\pm$ 0.186 χ^2 /NDF:207917.6/15

All: 806.331 $\pm$ 0.134 χ^2 /NDF: 216442.4/29

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left: -358.194+/-380.272 χ^2/NDF : 13.7/20

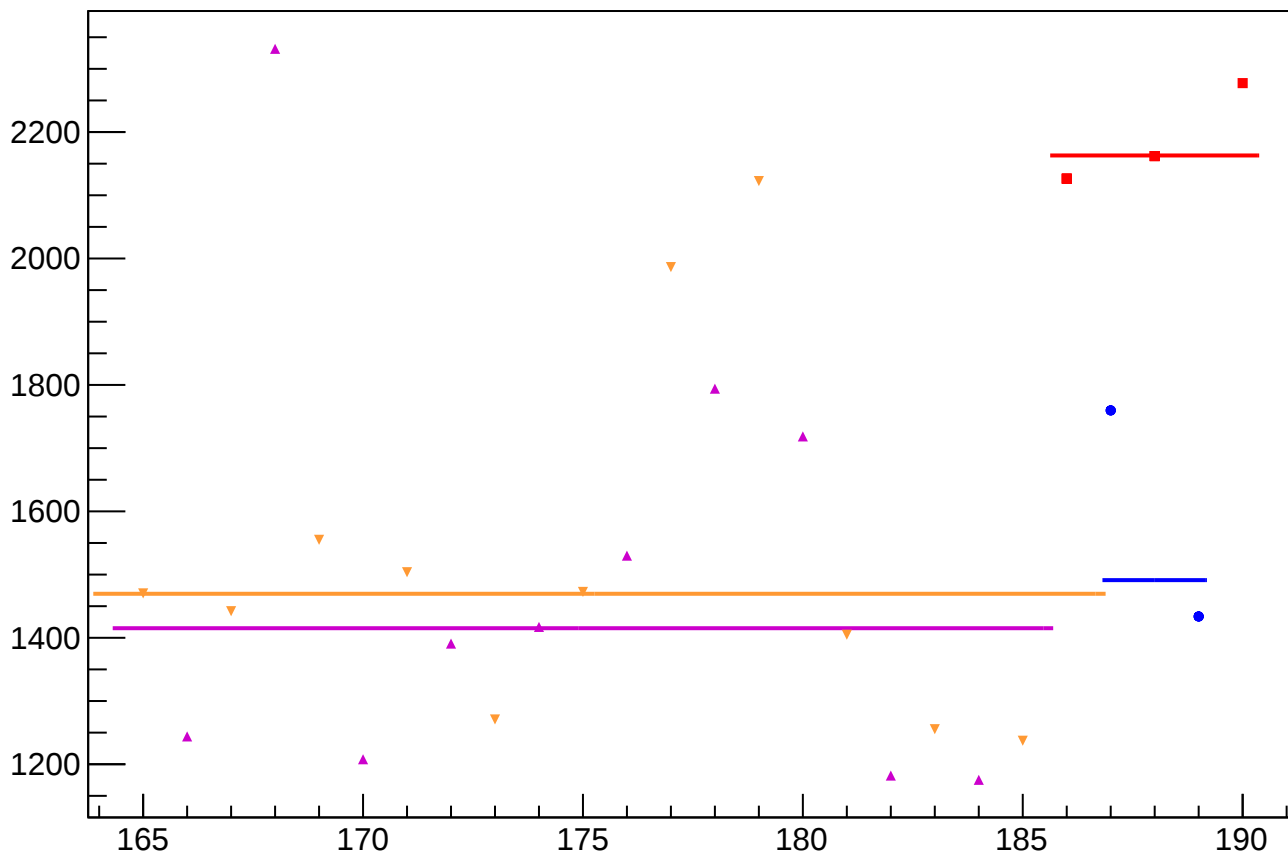
Right: -1341.238+/-1007.414 χ^2/NDF : 15.7/8

In: -381.744+/-500.119 χ^2/NDF :4.5/13

Out: -582.271+/-506.204 χ^2/NDF :25.6/15

All: -480.795+/-355.769 χ^2/NDF : 30.2/29

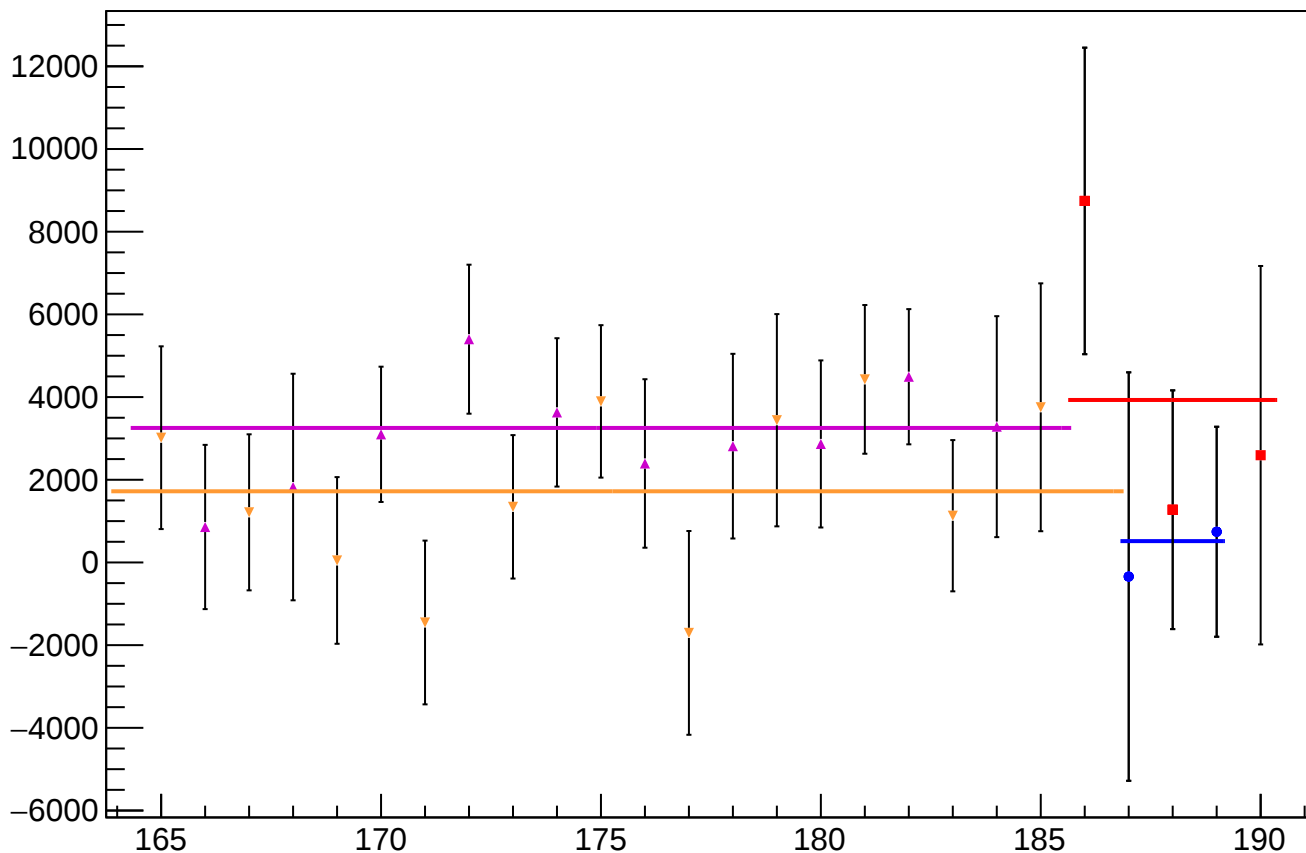
asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left: 1442.506 $\pm$ 0.269 χ^2/NDF : 900656.6/20
 Right: 1785.628 $\pm$ 0.712 χ^2/NDF : 237914.6/8
 In: 1425.694 $\pm$ 0.354 χ^2/NDF : 560384.8/13
 Out: 1546.362 $\pm$ 0.358 χ^2/NDF : 723751.8/15
 All: 1485.299 $\pm$ 0.252 χ^2/NDF : 1341648.0/29

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 516.094 $\pm$ 1597.055 χ^2 /NDF: 0.1/3

Left Out: 1721.293 $\pm$ 614.414 χ^2 /NDF:10.3/10

Right Out: 3929.906 $\pm$ 1519.336 χ^2 /NDF: 5.1/4

Left In: 3253.469 $\pm$ 622.681 χ^2 /NDF:4.0/9

Left: 2477.142 $\pm$ 437.350 χ^2 /NDF: 17.4/20

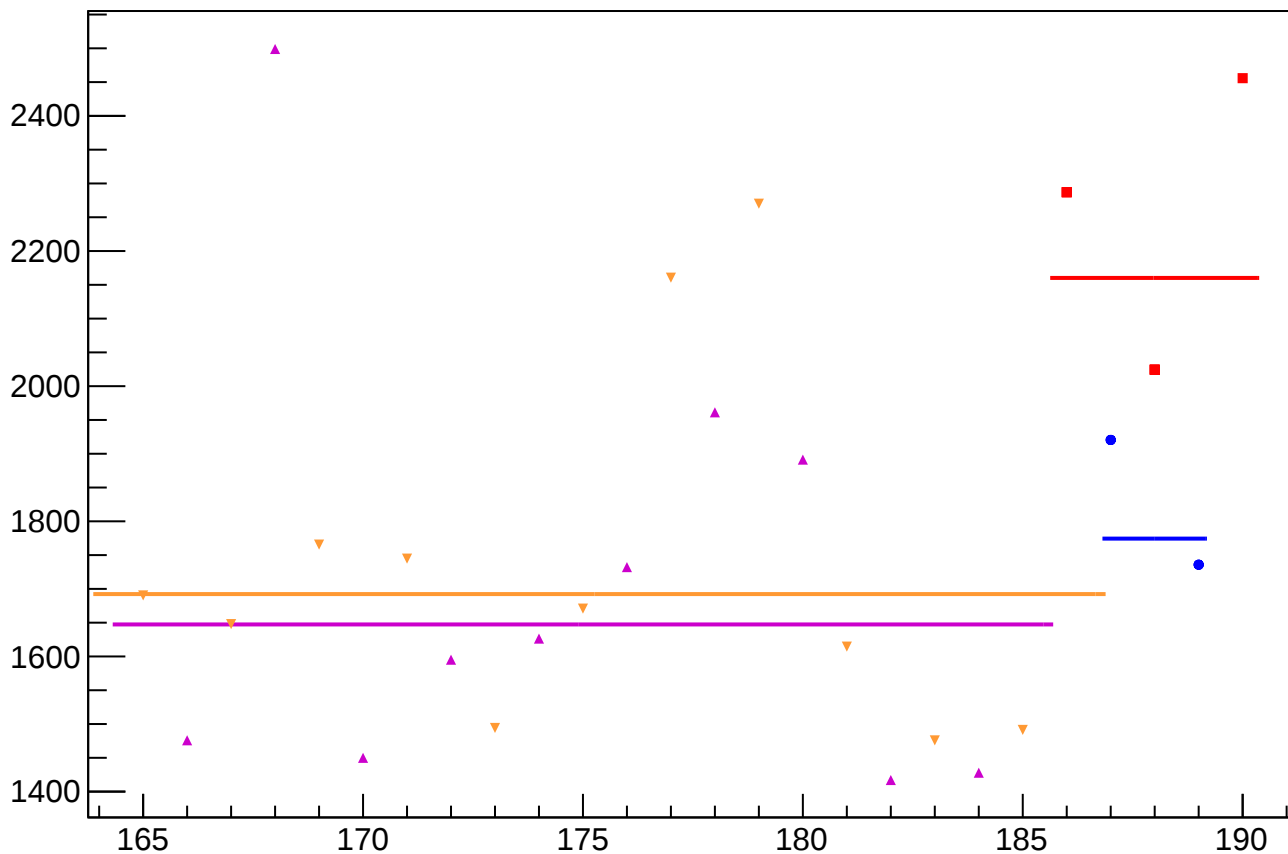
Right: 2308.084 $\pm$ 1100.783 χ^2 /NDF: 7.6/8

In: 2892.253 $\pm$ 580.145 χ^2 /NDF:6.7/13

Out: 2031.716 $\pm$ 569.602 χ^2 /NDF:17.3/15

All: 2454.094 $\pm$ 406.445 χ^2 /NDF: 25.1/29

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1774.403 $\pm$ 1.129 χ^2/NDF : 4420.9/3

Left Out: 1692.317 $\pm$ 0.434 χ^2/NDF : 245790.9/10

Right Out: 2160.204 $\pm$ 1.074 χ^2/NDF : 21870.1/4

Left In: 1647.376 $\pm$ 0.440 χ^2/NDF : 364463.2/9

Left: 1670.147 $\pm$ 0.309 χ^2/NDF : 615532.6/20

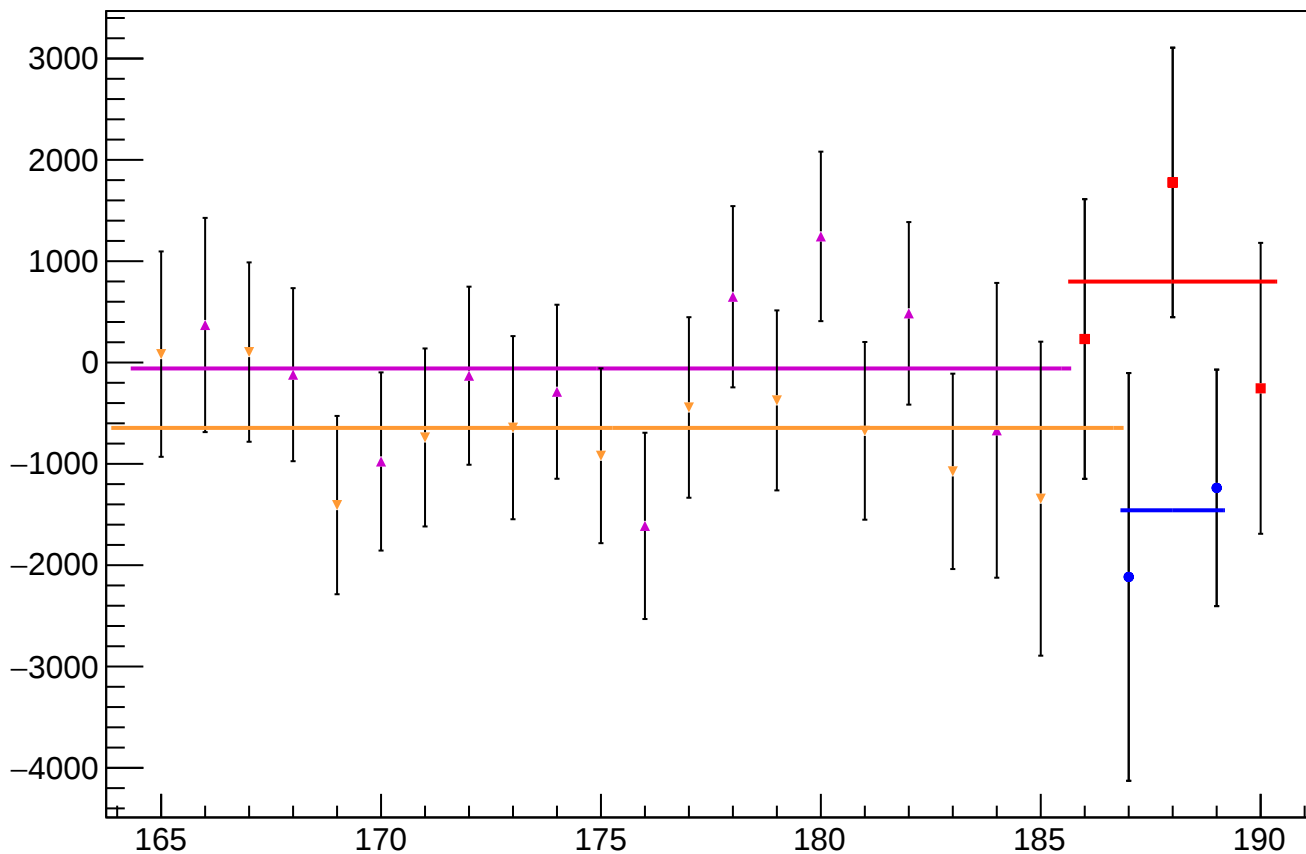
Right: 1976.919 $\pm$ 0.778 χ^2/NDF : 87556.0/8

In: 1664.138 $\pm$ 0.410 χ^2/NDF : 379867.3/13

Out: 1758.079 $\pm$ 0.403 χ^2/NDF : 430675.0/15

All: 1711.970 $\pm$ 0.287 χ^2/NDF : 837243.3/29

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left: -363.244+/-202.005 χ^2/NDF : 12.5/20

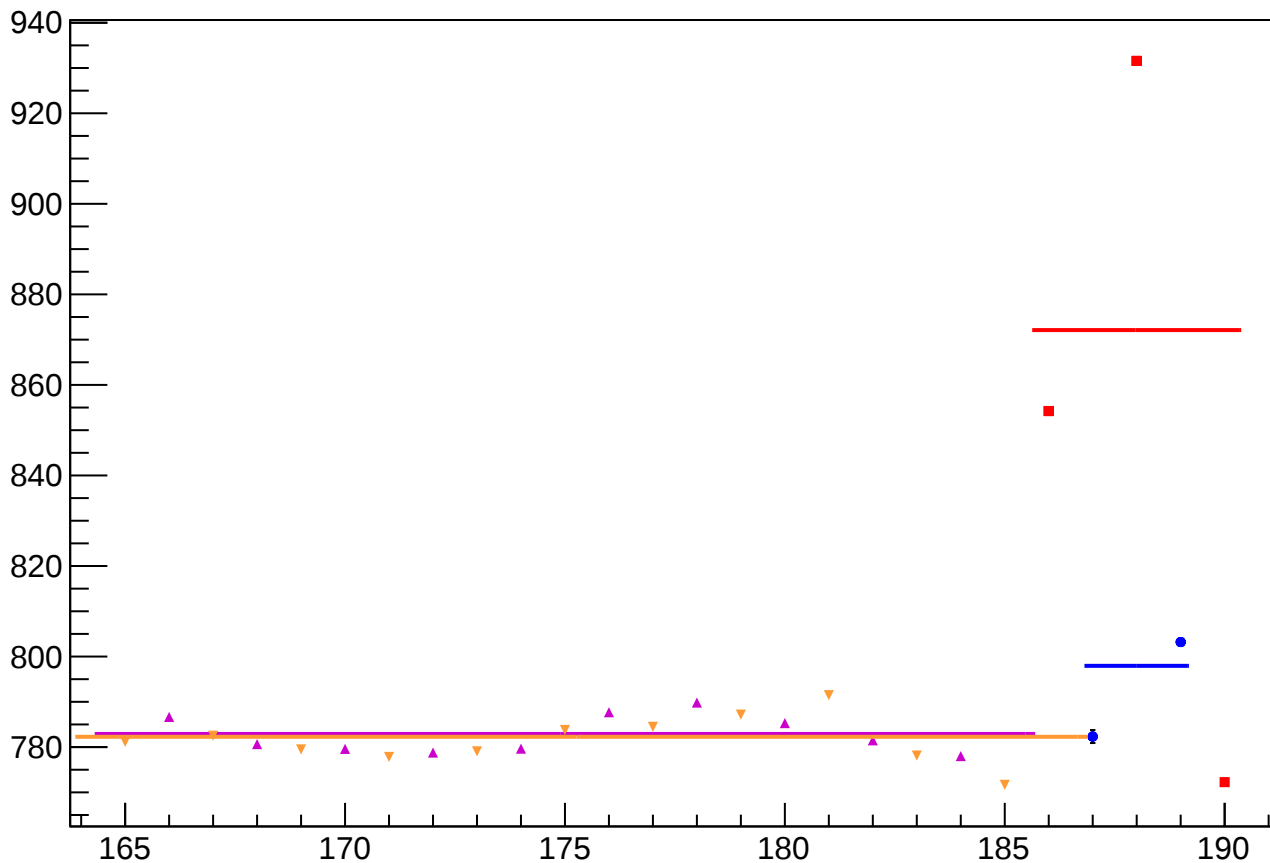
Right: -158.163+/-464.789 χ^2/NDF : 8.0/8

In: -258.535+/-269.755 χ^2/NDF : 11.4/13

Out: -395.052+/-254.882 χ^2/NDF : 9.2/15

All: -330.661+/-185.264 χ^2/NDF : 20.7/29

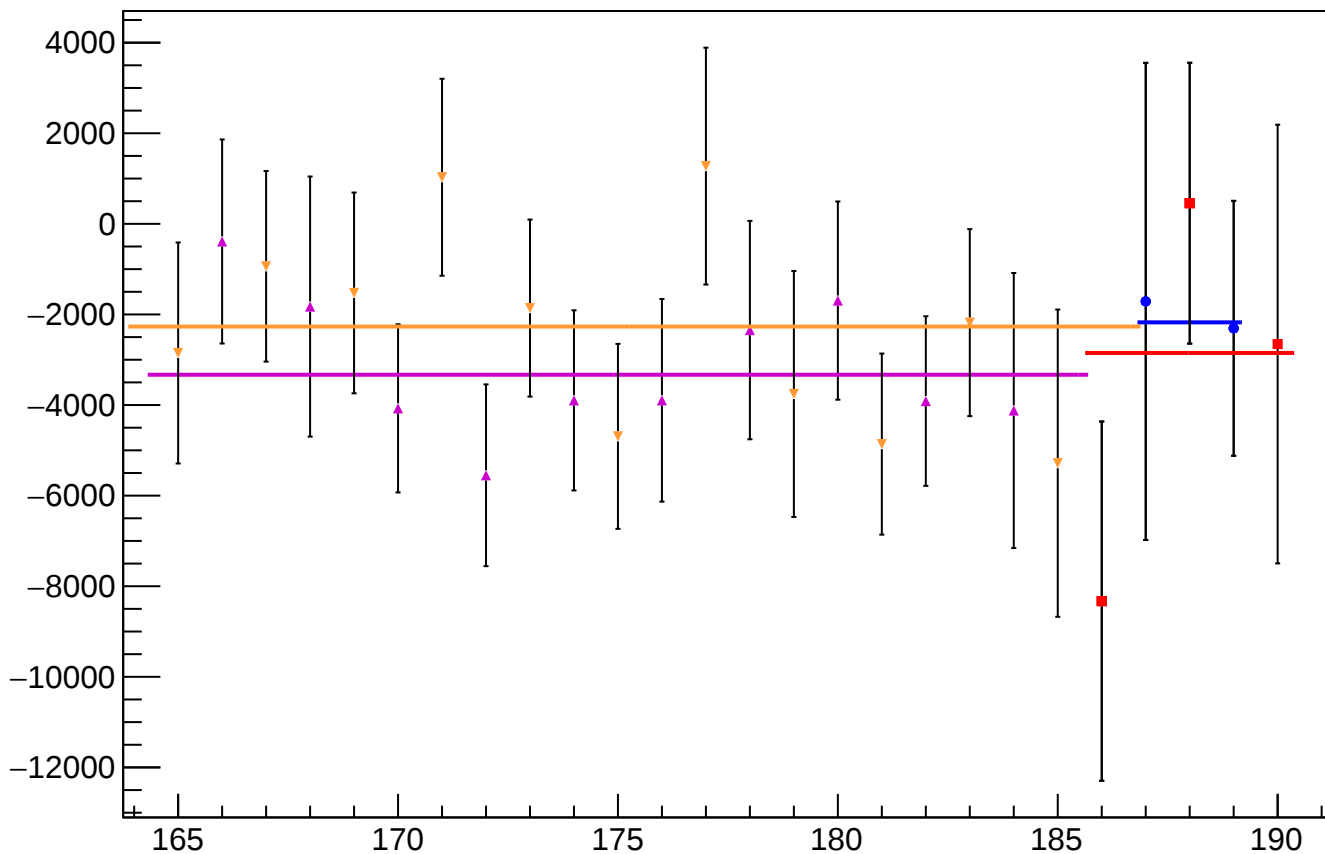
dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 797.947 ± 0.505 $\chi^2/\text{NDF}: 322.4/3$
 Left Out: 782.278 ± 0.198 $\chi^2/\text{NDF}: 528.5/10$
 Right Out: 872.112 ± 0.433 $\chi^2/\text{NDF}: 18342.4/4$
 Left In: 782.905 ± 0.206 $\chi^2/\text{NDF}: 357.9/9$

Left: 782.579 ± 0.143 $\chi^2/\text{NDF}: 891.2/20$
 Right: 840.665 ± 0.329 $\chi^2/\text{NDF}: 31101.7/8$
 In: 785.053 ± 0.191 $\chi^2/\text{NDF}: 1441.7/13$
 Out: 797.838 ± 0.180 $\chi^2/\text{NDF}: 54451.3/15$
 All: 791.808 ± 0.131 $\chi^2/\text{NDF}: 58266.5/29$

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -2174.549 $\pm$ 1754.879 χ^2 /NDF: 0.0/3

Left Out: -2266.873 $\pm$ 679.726 χ^2 /NDF: 8.9/10

Right Out: -2850.076 $\pm$ 1626.599 χ^2 /NDF: 6.1/4

Left In: -3331.168 $\pm$ 692.671 χ^2 /NDF: 4.4/9

Left: -2788.983 $\pm$ 485.151 χ^2 /NDF: 14.5/20

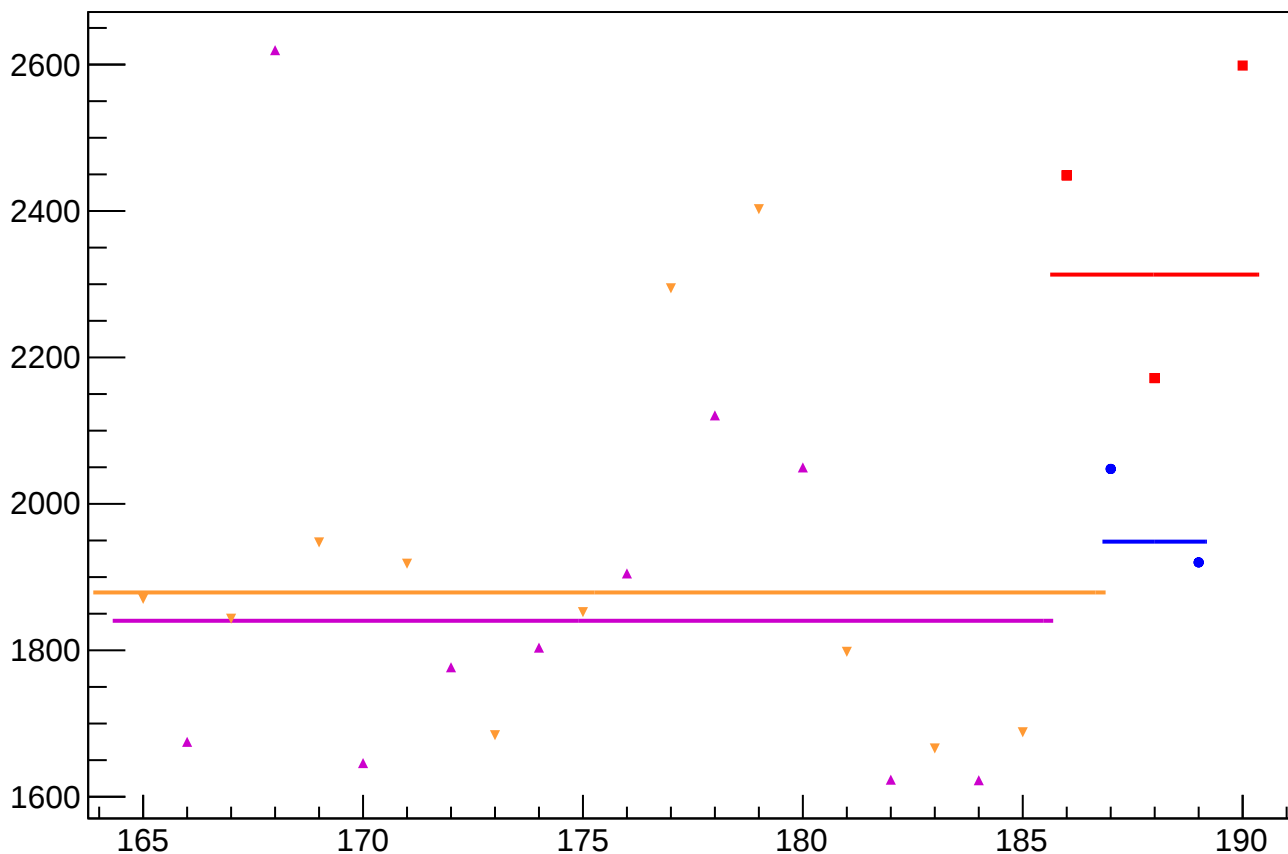
Right: -2537.902 $\pm$ 1192.954 χ^2 /NDF: 6.2/8

In: -3175.260 $\pm$ 644.297 χ^2 /NDF: 4.8/13

Out: -2353.575 $\pm$ 627.169 χ^2 /NDF: 15.1/15

All: -2753.350 $\pm$ 449.409 χ^2 /NDF: 20.8/29

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1948.426 $\pm$ 1.241 χ^2/NDF : 1828.0/3

Left Out: 1879.025 $\pm$ 0.481 χ^2/NDF :179124.4/10

Right Out: 2313.151 $\pm$ 1.150 χ^2/NDF : 19940.4/4

Left In: 1840.342 $\pm$ 0.490 χ^2/NDF :266955.1/9

Left: 1860.048 $\pm$ 0.343 χ^2/NDF : 449257.1/20

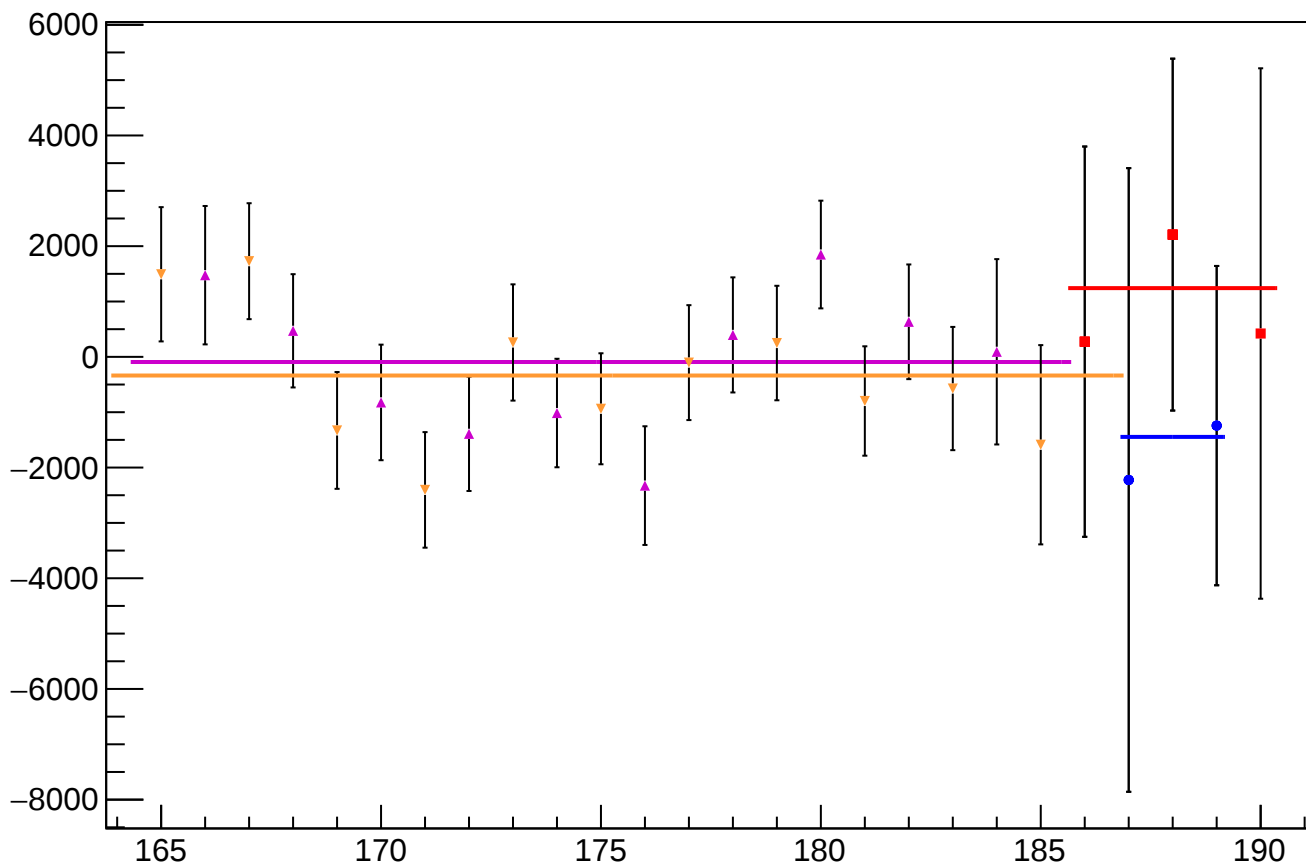
Right: 2144.604 $\pm$ 0.844 χ^2/NDF : 68236.3/8

In: 1854.912 $\pm$ 0.456 χ^2/NDF :275347.2/13

Out: 1943.564 $\pm$ 0.443 χ^2/NDF :320348.0/15

All: 1900.432 $\pm$ 0.318 χ^2/NDF : 615137.8/29

asym_us_dd_mean vs Slug, Sign Corrected



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

Left: -219.612+/-236.098 χ^2/NDF : 26.9/20

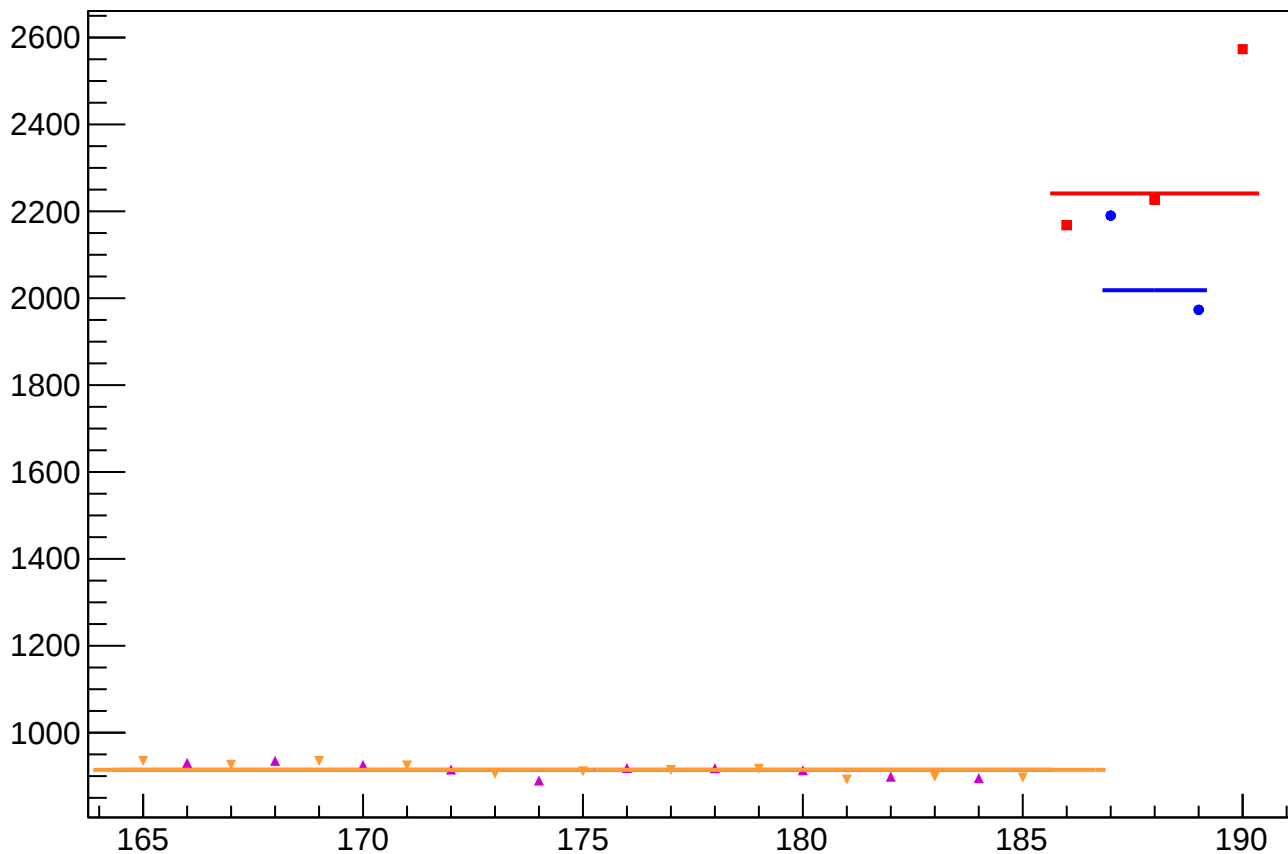
Right: 86.384+/-1190.403 χ^2/NDF : 1.7/8

In: -138.894+/-334.576 χ^2/NDF : 14.5/13

Out: -271.624+/-320.881 χ^2/NDF : 14.1/15

All: -208.031+/-231.587 χ^2/NDF : 28.6/29

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 2018.378 $\pm$ 1.284 χ^2/NDF : 4690.4/3

Left Out: 914.469 $\pm$ 0.232 χ^2/NDF : 3551.8/10

Right Out: 2241.127 $\pm$ 1.115 χ^2/NDF : 11395.3/4

Left In: 914.498 $\pm$ 0.241 χ^2/NDF : 3417.4/9

Left: 914.483 $\pm$ 0.167 χ^2/NDF : 6969.2/20

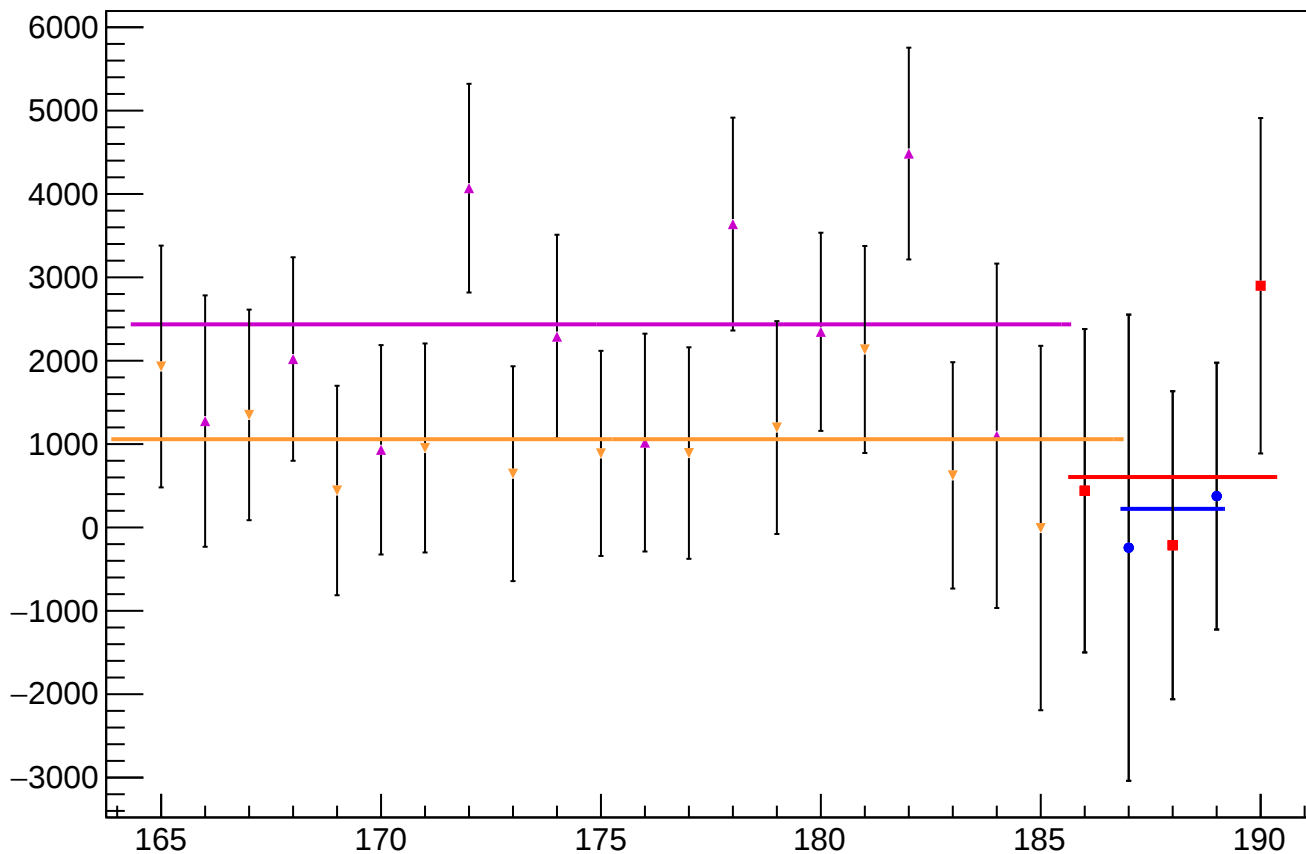
Right: 2145.372 $\pm$ 0.842 χ^2/NDF : 33248.5/8

In: 951.984 $\pm$ 0.237 χ^2/NDF : 722316.9/13

Out: 969.426 $\pm$ 0.227 χ^2/NDF : 1372493.7/15

All: 961.069 $\pm$ 0.164 χ^2/NDF : 2097642.0/29

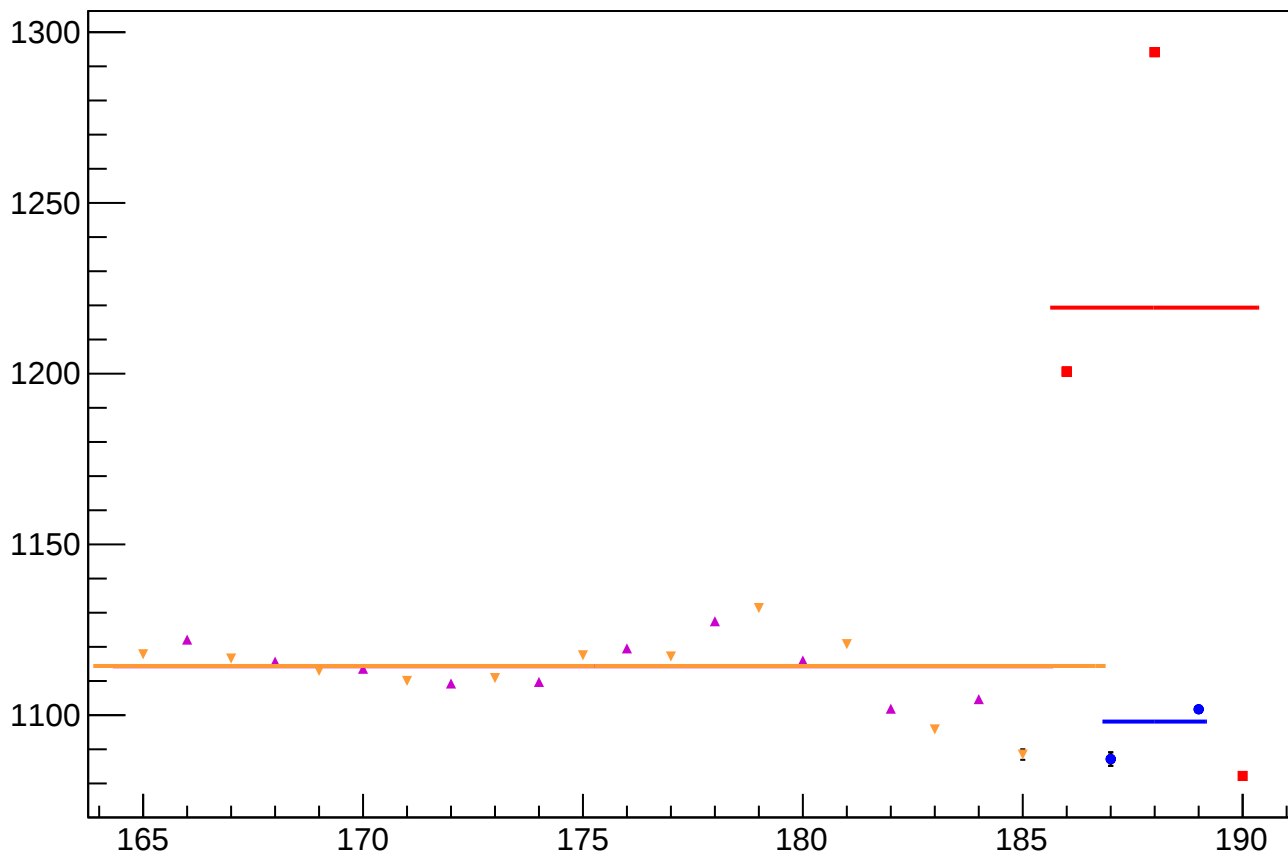
dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 223.230 $\pm$ 981.985 χ^2 /NDF: 0.1/3
 Left Out: 1058.742 $\pm$ 399.332 χ^2 /NDF:1.9/10
 Right Out: 605.032 $\pm$ 855.986 χ^2 /NDF: 1.7/4
 Left In: 2436.363 $\pm$ 414.706 χ^2 /NDF:9.0/9

Left: 1721.543 $\pm$ 287.652 χ^2 /NDF: 16.6/20
 Right: 440.183 $\pm$ 645.253 χ^2 /NDF: 1.9/8
 In: 2101.394 $\pm$ 382.035 χ^2 /NDF:13.3/13
 Out: 977.647 $\pm$ 361.889 χ^2 /NDF:3.8/15
 All: 1509.110 $\pm$ 262.728 χ^2 /NDF: 21.7/29

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1098.119+/-0.694 χ^2/NDF : 81.9/3

Left Out: 1114.403+/-0.282 χ^2/NDF : 1143.5/10

Right Out: 1219.341+/-0.605 χ^2/NDF : 16229.7/4

Left In: 1114.321+/-0.293 χ^2/NDF : 601.6/9

Left: 1114.364+/-0.203 χ^2/NDF : 1745.2/20

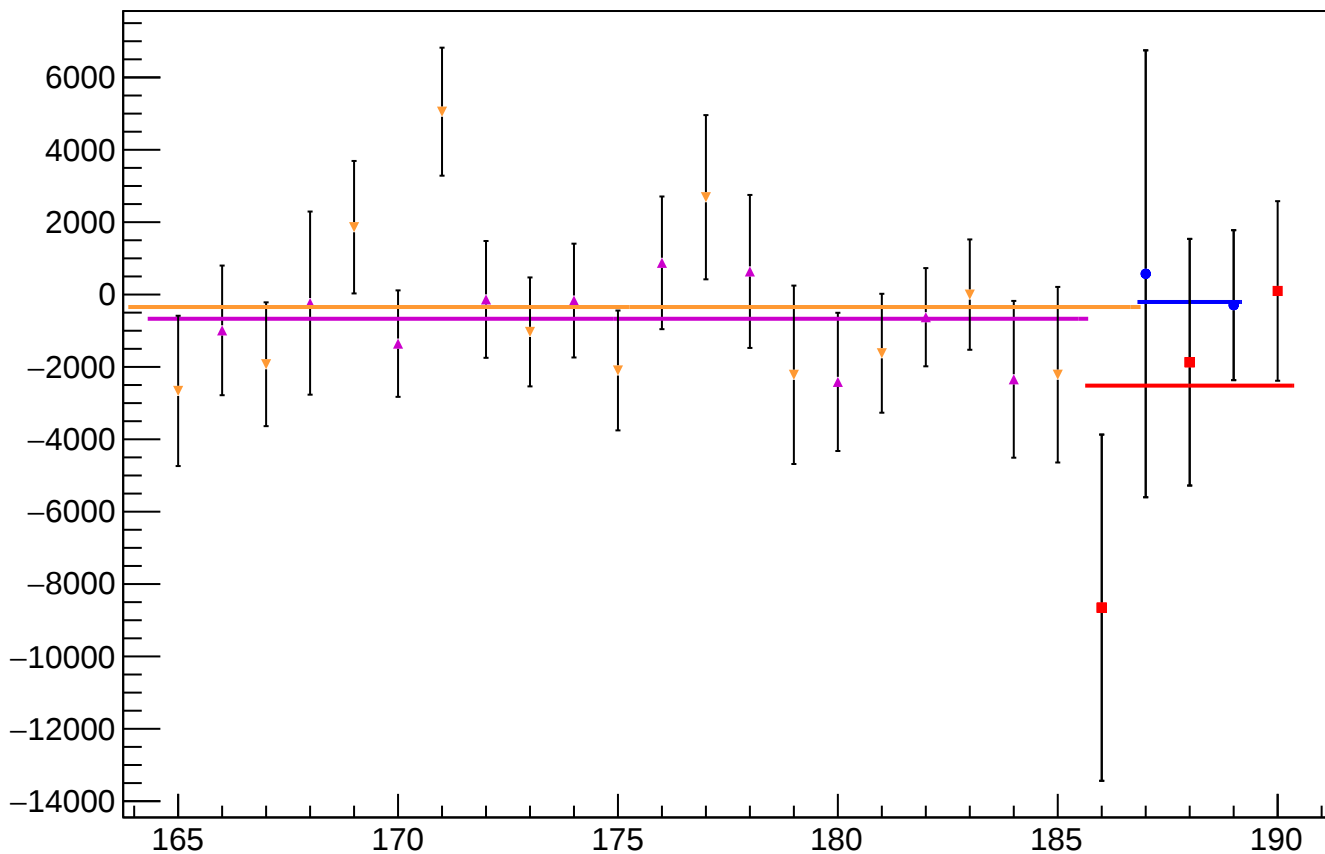
Right: 1167.002+/-0.456 χ^2/NDF : 33630.2/8

In: 1111.869+/-0.270 χ^2/NDF : 1145.6/13

Out: 1133.159+/-0.256 χ^2/NDF : 42059.3/15

All: 1123.090+/-0.186 χ^2/NDF : 46478.6/29

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -205.425 $\pm$ 1388.931 χ^2/NDF : 0.0/3

Left Out: -344.512 $\pm$ 548.253 χ^2/NDF :17.8/10

Right Out: -2516.784 $\pm$ 1539.317 χ^2/NDF : 4.5/4

Left In: -669.284 $\pm$ 553.023 χ^2/NDF :3.0/9

Left: -505.491 $\pm$ 389.349 χ^2/NDF : 21.0/20

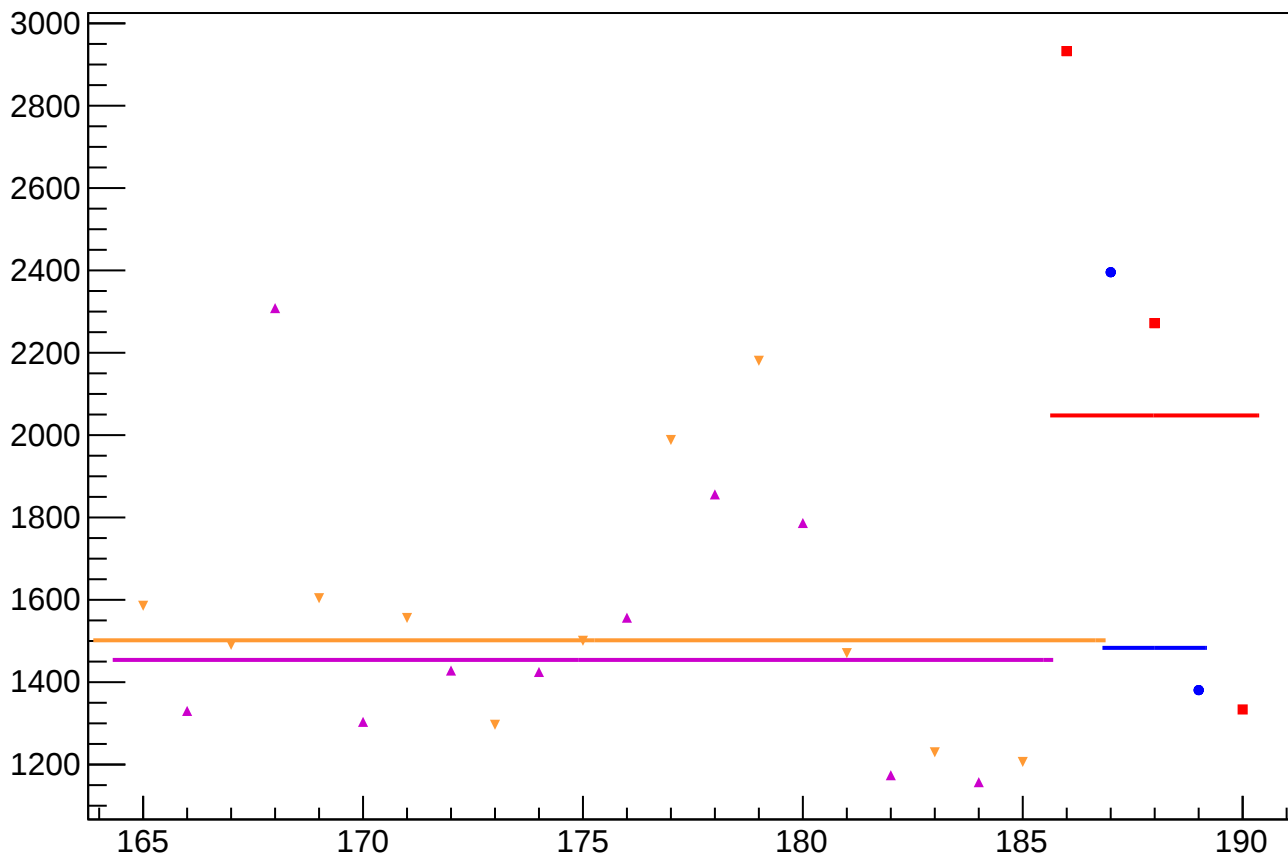
Right: -1242.712 $\pm$ 1031.203 χ^2/NDF : 5.8/8

In: -605.809 $\pm$ 513.793 χ^2/NDF :3.1/13

Out: -589.054 $\pm$ 516.472 χ^2/NDF :24.1/15

All: -597.475 $\pm$ 364.250 χ^2/NDF : 27.2/29

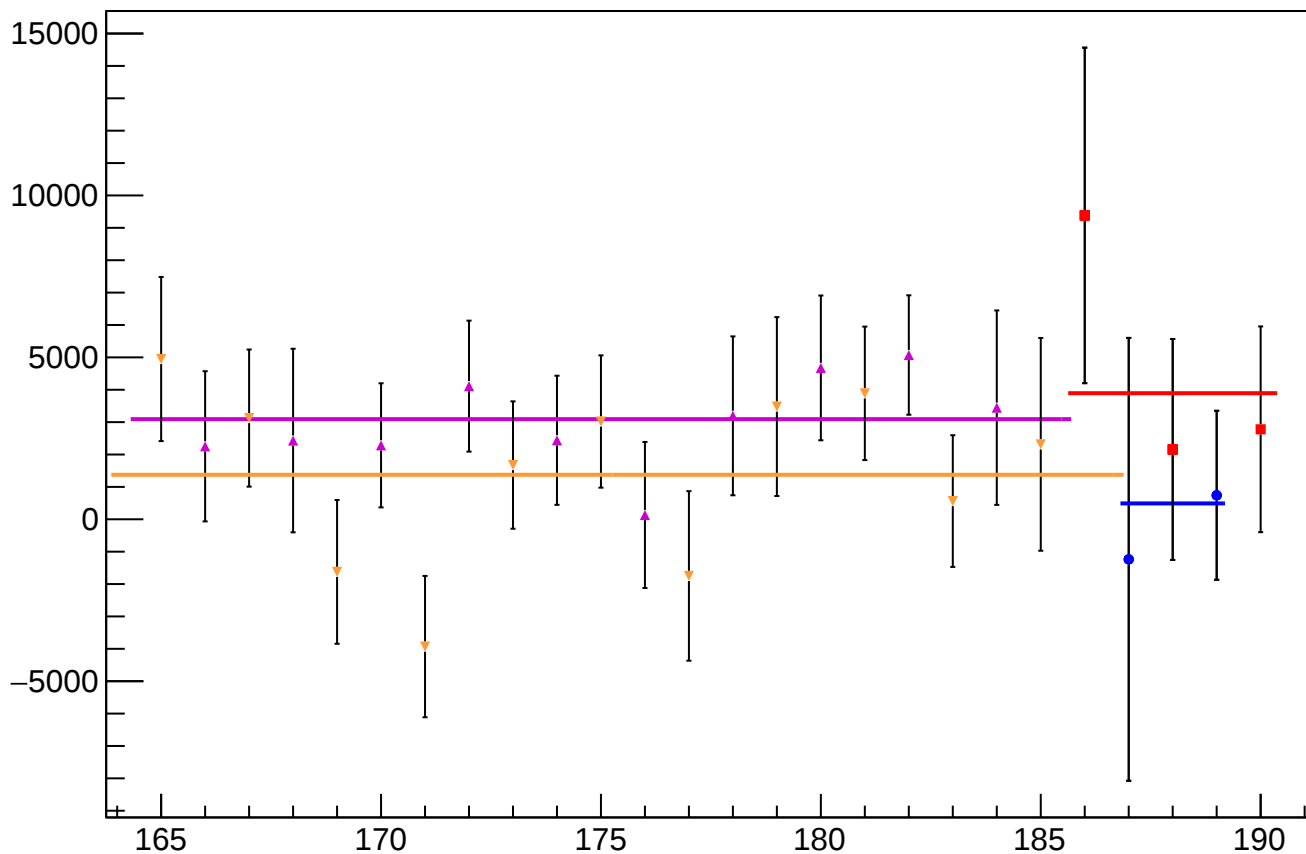
asym_usl_correction_rms vs Slug, Sign Corrected



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

Left: 1478.105 +/- 0.275 χ^2/NDF : 915367.6/20
 Right: 1736.654 +/- 0.729 χ^2/NDF : 565156.8/8
 In: 1458.086 +/- 0.363 χ^2/NDF : 619528.2/13
 Out: 1563.188 +/- 0.365 χ^2/NDF : 929408.5/15
 All: 1510.364 +/- 0.258 χ^2/NDF : 1590564.1/29

asym_usl_mean vs Slug, Sign Corrected



Right In: 489.676+/-1723.795 χ^2/NDF : 0.1/3

Left Out: 1374.186+/-684.155 χ^2/NDF :14.8/10

Right Out: 3893.936+/-1701.304 χ^2/NDF : 2.9/4

Left In: 3092.341+/-698.965 χ^2/NDF :4.1/9

Left: 2214.868+/-488.923 χ^2/NDF : 22.0/20

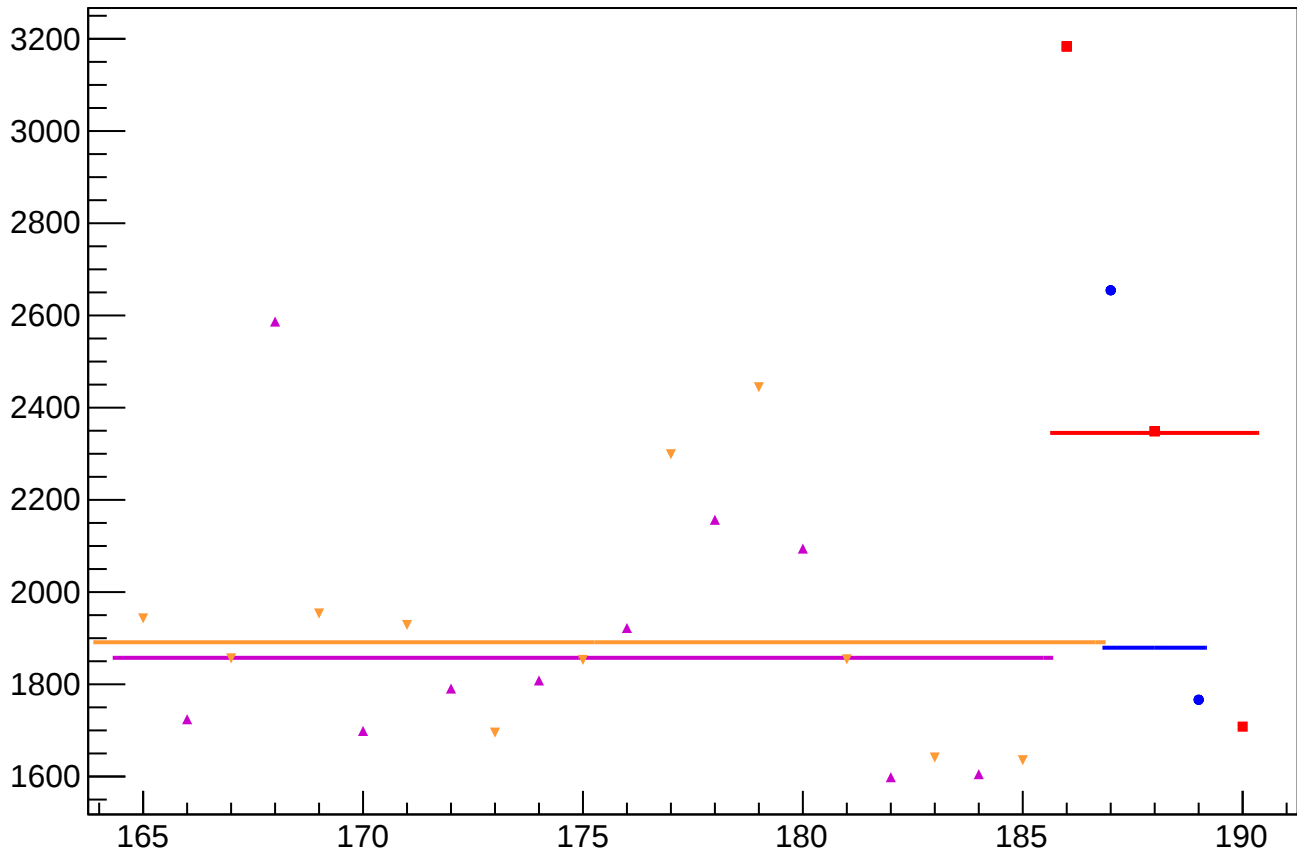
Right: 2214.159+/-1210.877 χ^2/NDF : 5.0/8

In: 2724.847+/-647.741 χ^2/NDF :6.2/13

Out: 1724.940+/-634.753 χ^2/NDF :19.6/15

All: 2214.768+/-453.361 χ^2/NDF : 27.0/29

asym_usl_rms vs Slug, Sign Corrected



Left: 1874.683 $\pm$ 0.346 χ^2/NDF : 461798.8/20

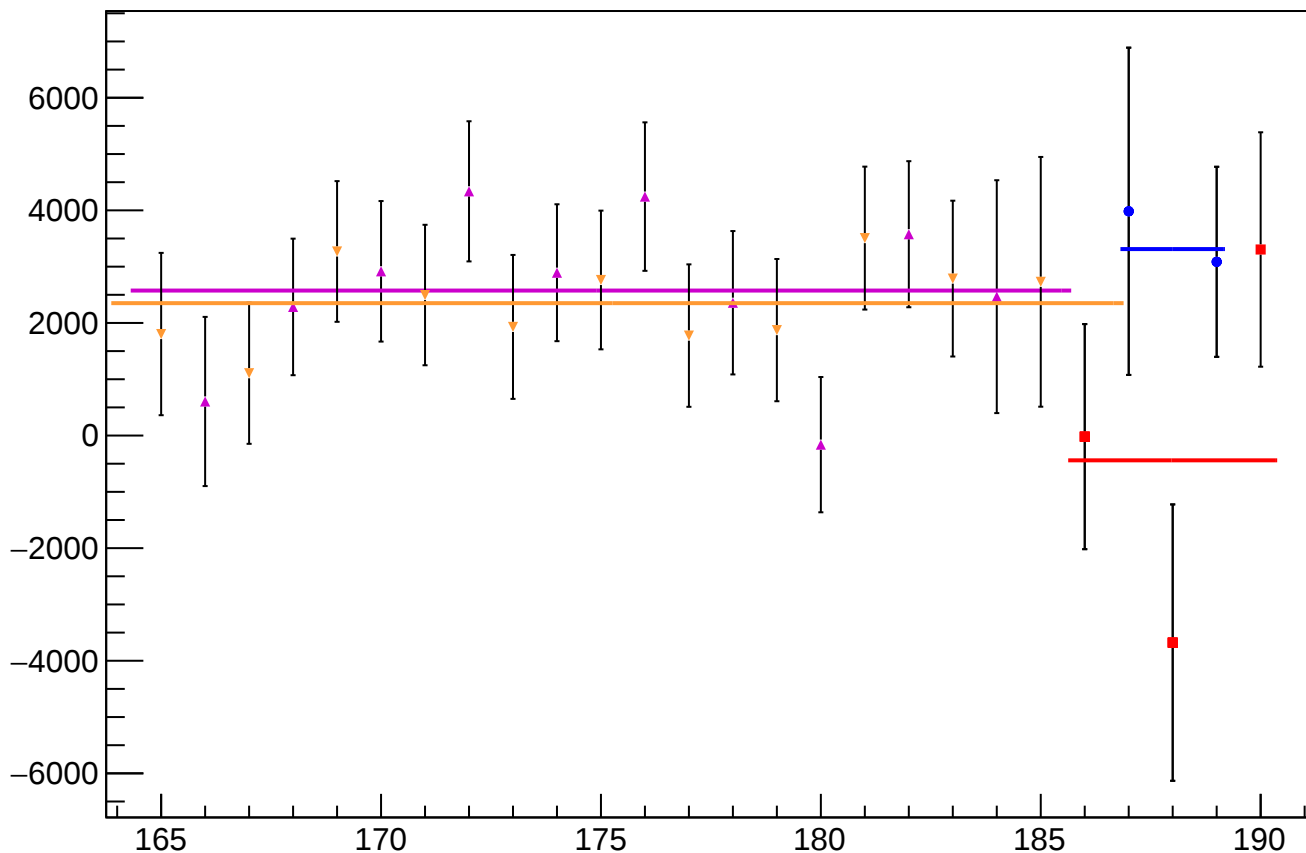
Right: 2115.368 $\pm$ 0.856 χ^2/NDF : 318106.0/8

In: 1860.544 $\pm$ 0.458 χ^2/NDF : 322738.2/13

Out: 1954.400 $\pm$ 0.449 χ^2/NDF : 503687.8/15

All: 1908.422 $\pm$ 0.321 χ^2/NDF : 847846.6/29

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 3312.165+/-1032.145 χ^2/NDF : 0.1/3

Left Out: 2351.609+/-399.409 χ^2/NDF : 3.2/10

Right Out: -440.212+/-969.822 χ^2/NDF : 6.8/4

Left In: 2575.438+/-415.250 χ^2/NDF : 11.3/9

Left: 2459.173+/-287.862 χ^2/NDF : 14.7/20

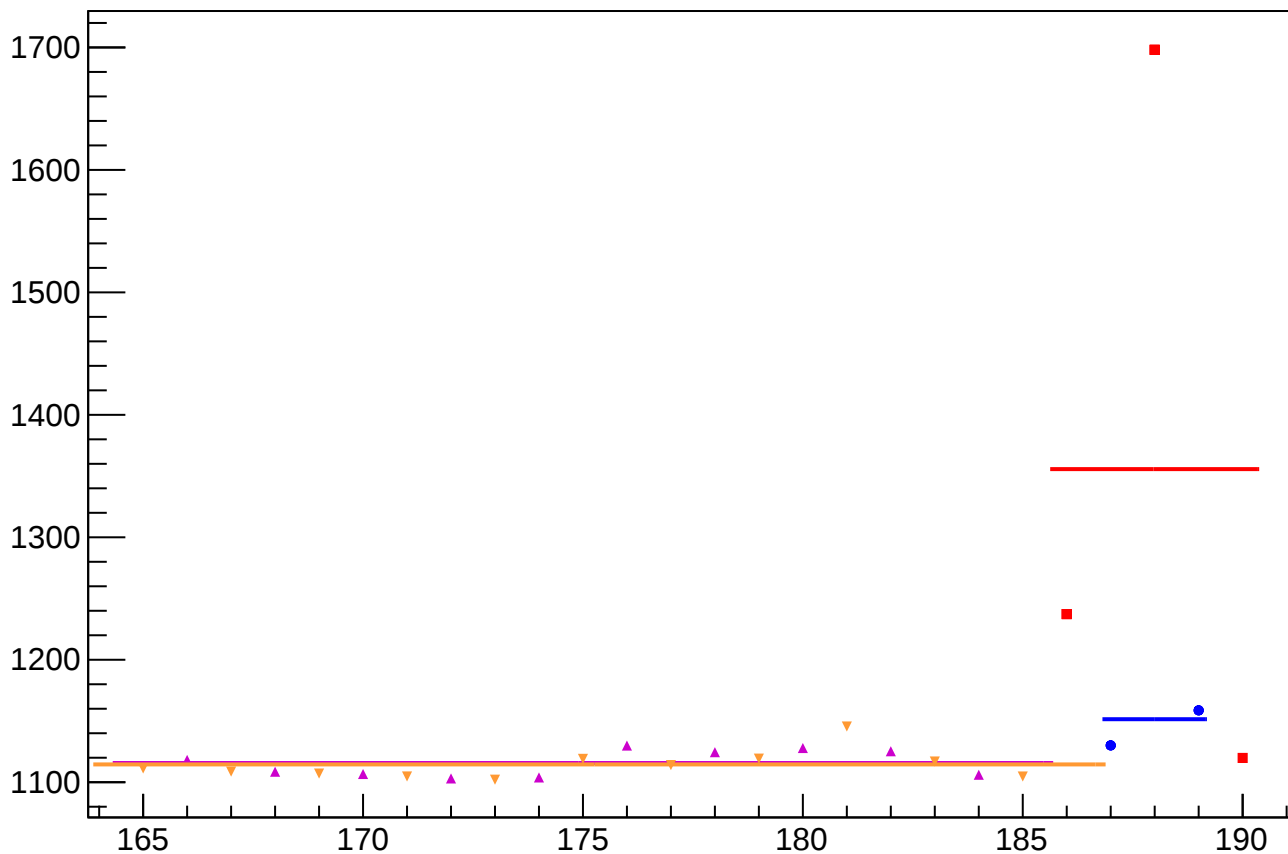
Right: 1319.276+/-706.774 χ^2/NDF : 14.0/8

In: 2678.072+/-385.241 χ^2/NDF : 11.9/13

Out: 1946.755+/-369.316 χ^2/NDF : 17.1/15

All: 2296.985+/-266.598 χ^2/NDF : 30.9/29

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1151.456±/0.730 χ^2/NDF : 289.9/3

Left Out: 1114.537±/0.282 χ^2/NDF :1730.4/10

Right Out: 1355.682±/0.686 χ^2/NDF : 117533.1/4

Left In: 1115.698±/0.294 χ^2/NDF :1260.6/9

Left: 1115.095±/0.204 χ^2/NDF : 2999.2/20

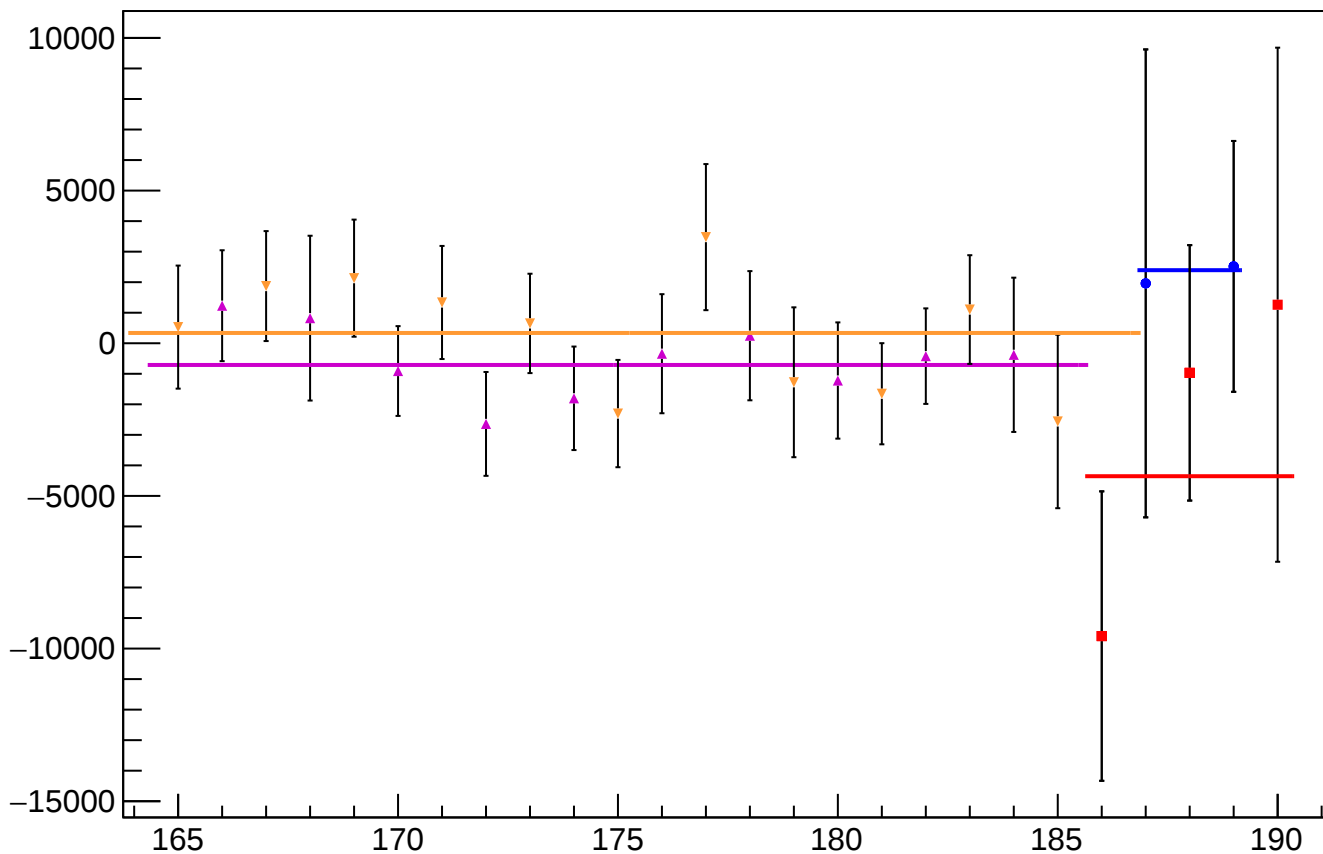
Right: 1259.921±/0.500 χ^2/NDF : 159408.9/8

In: 1120.680±/0.272 χ^2/NDF :3616.6/13

Out: 1149.506±/0.261 χ^2/NDF :224984.5/15

All: 1135.701±/0.189 χ^2/NDF : 234436.5/29

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left: -183.398+/-412.090 χ^2/NDF : 14.2/20

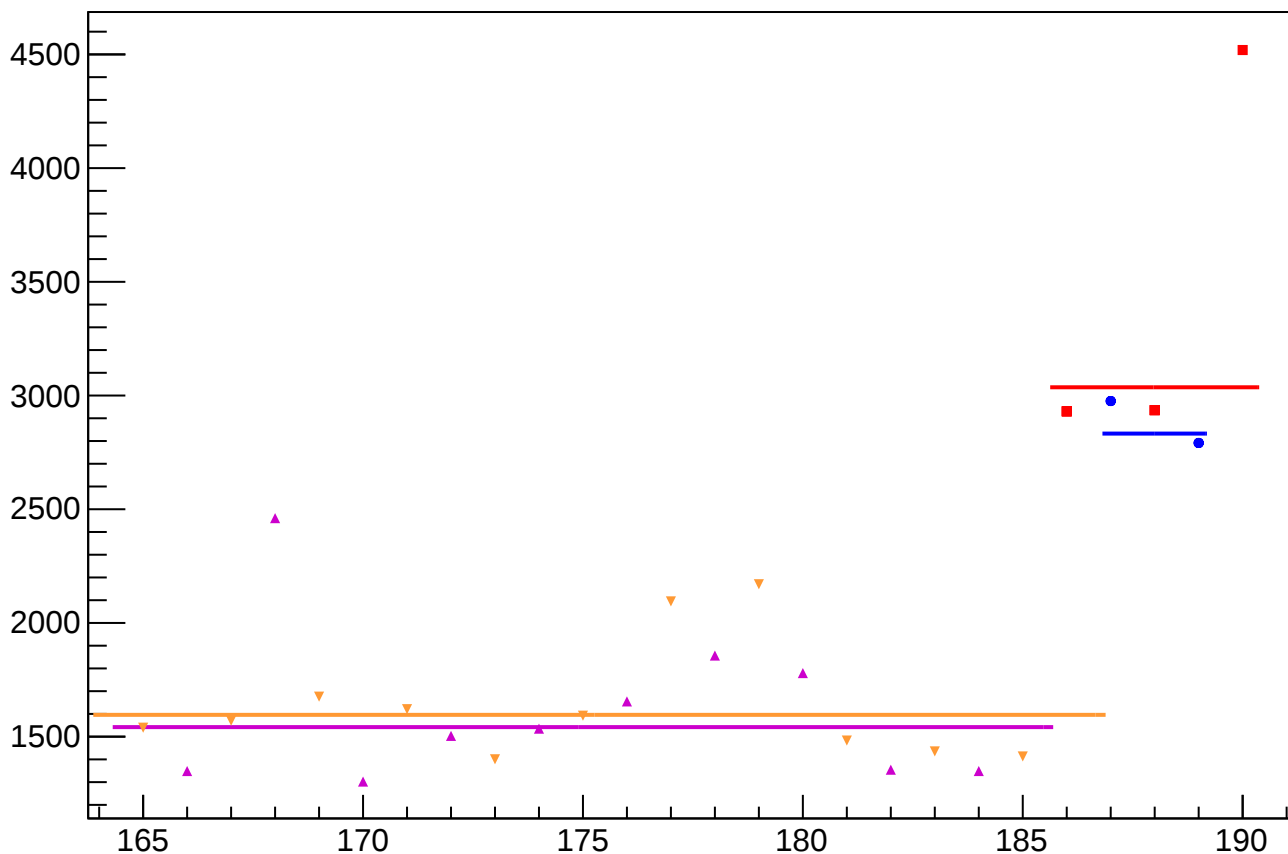
Right: -1572.159+/-1644.045 χ^2/NDF : 8.3/8

In: -557.169+/-570.078 χ^2/NDF :5.0/13

Out: 16.595+/-560.632 χ^2/NDF :17.7/15

All: -265.494+/-399.724 χ^2/NDF : 23.1/29

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2832.684 $\pm$ 1.810 χ^2/NDF : 1796.1/3

Left Out: 1595.902 $\pm$ 0.411 χ^2/NDF : 265029.9/10

Right Out: 3036.293 $\pm$ 1.517 χ^2/NDF : 66367.3/4

Left In: 1541.958 $\pm$ 0.413 χ^2/NDF : 431040.2/9

Left: 1569.112 $\pm$ 0.291 χ^2/NDF : 704637.8/20

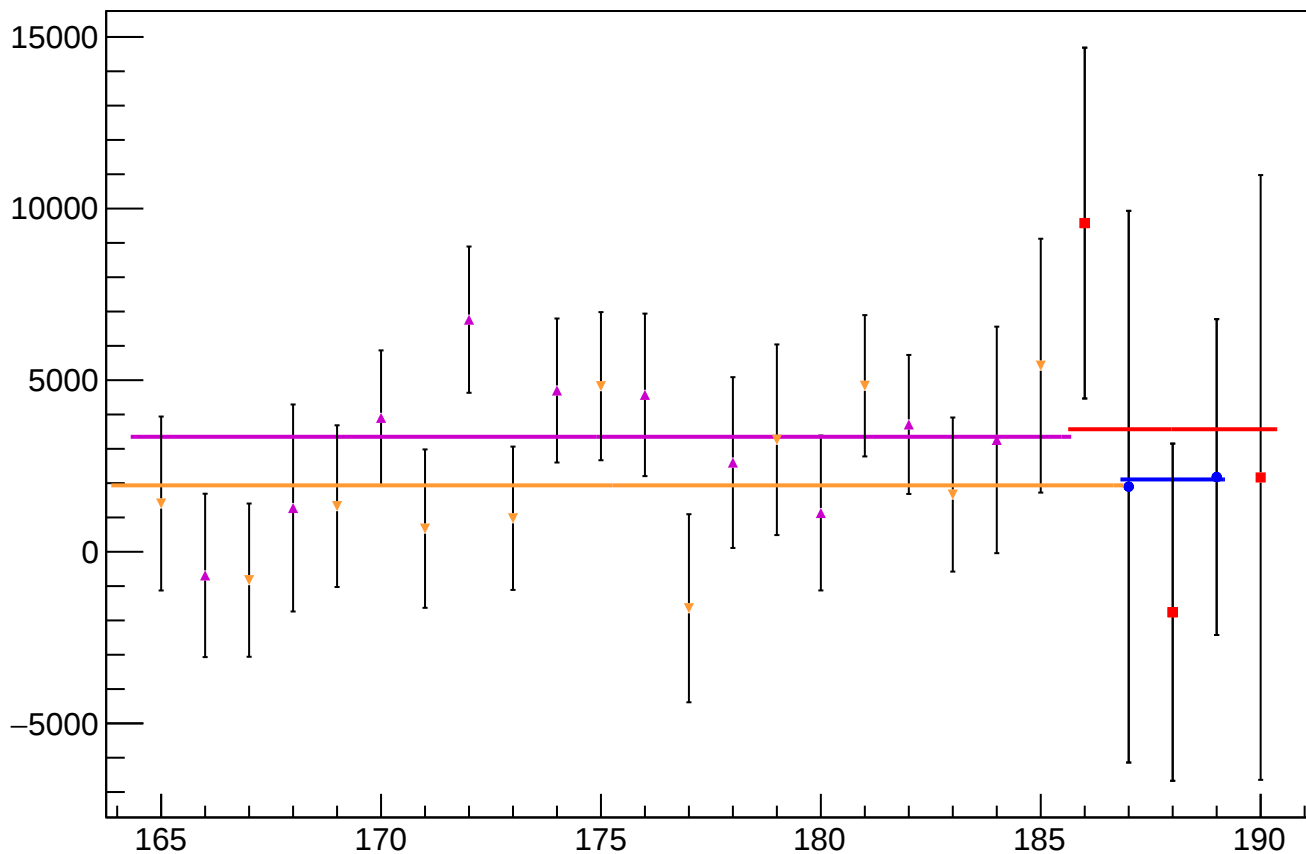
Right: 2952.332 $\pm$ 1.163 χ^2/NDF : 75596.8/8

In: 1605.954 $\pm$ 0.403 χ^2/NDF : 915967.3/13

Out: 1694.330 $\pm$ 0.396 χ^2/NDF : 1171888.6/15

All: 1650.880 $\pm$ 0.283 χ^2/NDF : 2112290.2/29

asym_usr_mean vs Slug, Sign Corrected



Right In: 2107.580+/-2823.668 χ^2/NDF : 0.0/3

Left Out: 1935.327+/-718.202 χ^2/NDF : 8.8/10

Right Out: 3570.449+/-2408.920 χ^2/NDF : 5.1/4

Left In: 3350.413+/-732.321 χ^2/NDF : 7.8/9

Left: 2629.097+/-512.764 χ^2/NDF : 18.4/20

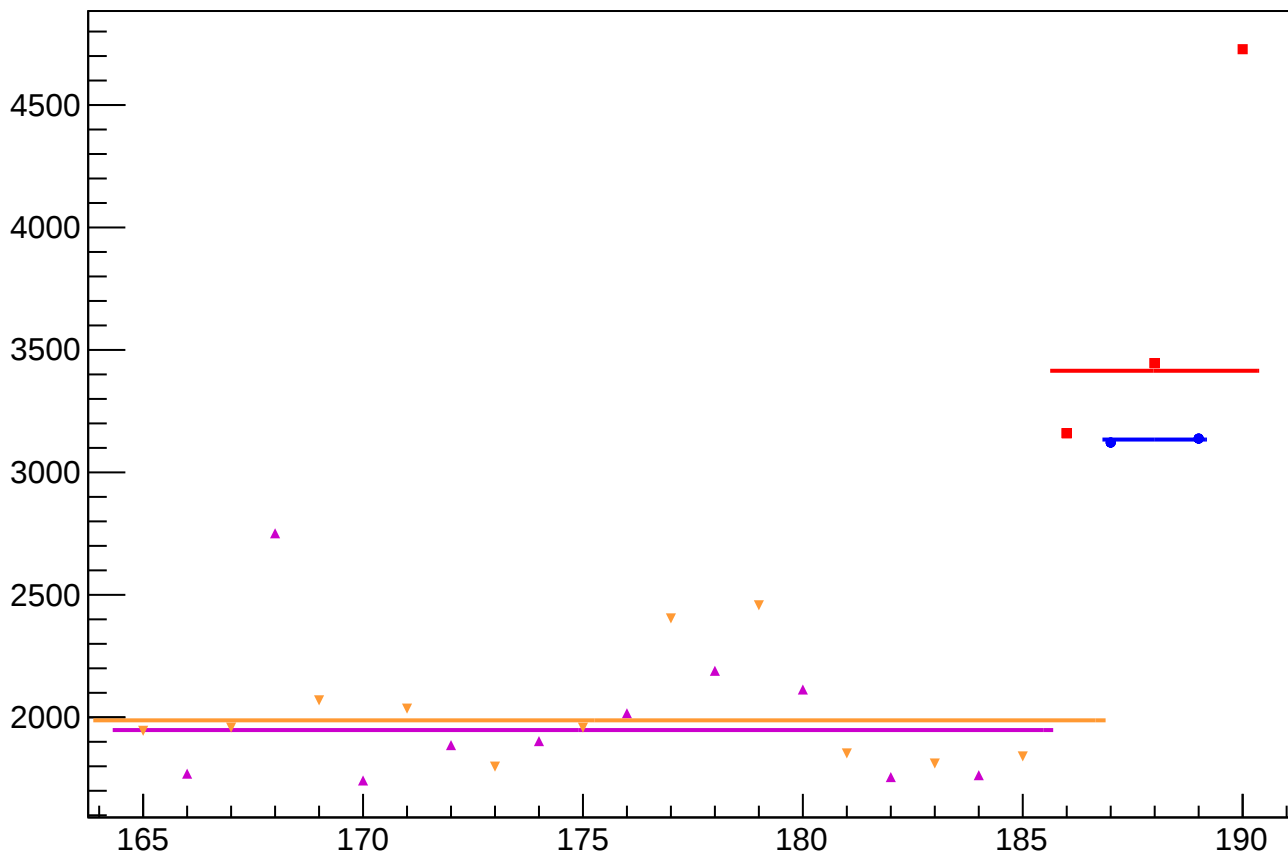
Right: 2954.241+/-1832.629 χ^2/NDF : 5.3/8

In: 3272.085+/-708.868 χ^2/NDF : 8.0/13

Out: 2068.806+/-688.264 χ^2/NDF : 14.3/15

All: 2652.704+/-493.800 χ^2/NDF : 23.8/29

asym_usr_rms vs Slug, Sign Corrected



Right In: 3134.111 $\pm$ 1.997 χ^2/NDF : 12.3/3

Left Out: 1987.651 $\pm$ 0.508 χ^2/NDF : 148401.0/10

Right Out: 3414.944 $\pm$ 1.703 χ^2/NDF : 54512.3/4

Left In: 1947.956 $\pm$ 0.518 χ^2/NDF : 233197.1/9

Left: 1968.190 $\pm$ 0.363 χ^2/NDF : 384593.4/20

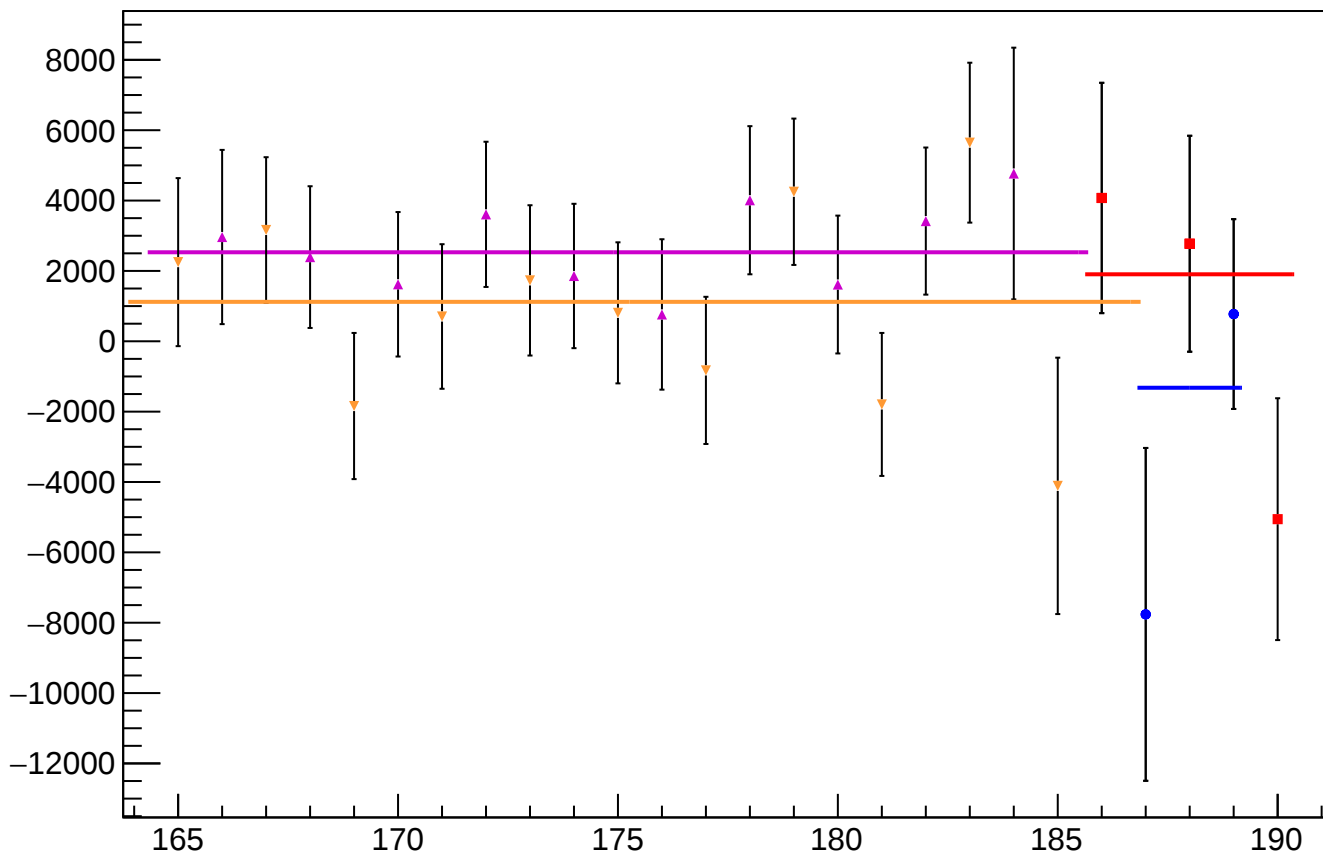
Right: 3296.648 $\pm$ 1.296 χ^2/NDF : 65974.6/8

In: 2022.712 $\pm$ 0.501 χ^2/NDF : 563894.2/13

Out: 2104.165 $\pm$ 0.487 χ^2/NDF : 847717.6/15

All: 2064.639 $\pm$ 0.349 χ^2/NDF : 1425204.6/29

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -1320.791 ± 1657.018 $\chi^2/\text{NDF}: 4.9/3$

Left Out: 1121.131 ± 657.102 $\chi^2/\text{NDF}: 14.6/10$

Right Out: 1904.260 ± 1438.107 $\chi^2/\text{NDF}: 5.1/4$

Left In: 2530.143 ± 685.059 $\chi^2/\text{NDF}: 2.6/9$

Left: 1796.300 ± 474.217 $\chi^2/\text{NDF}: 19.4/20$

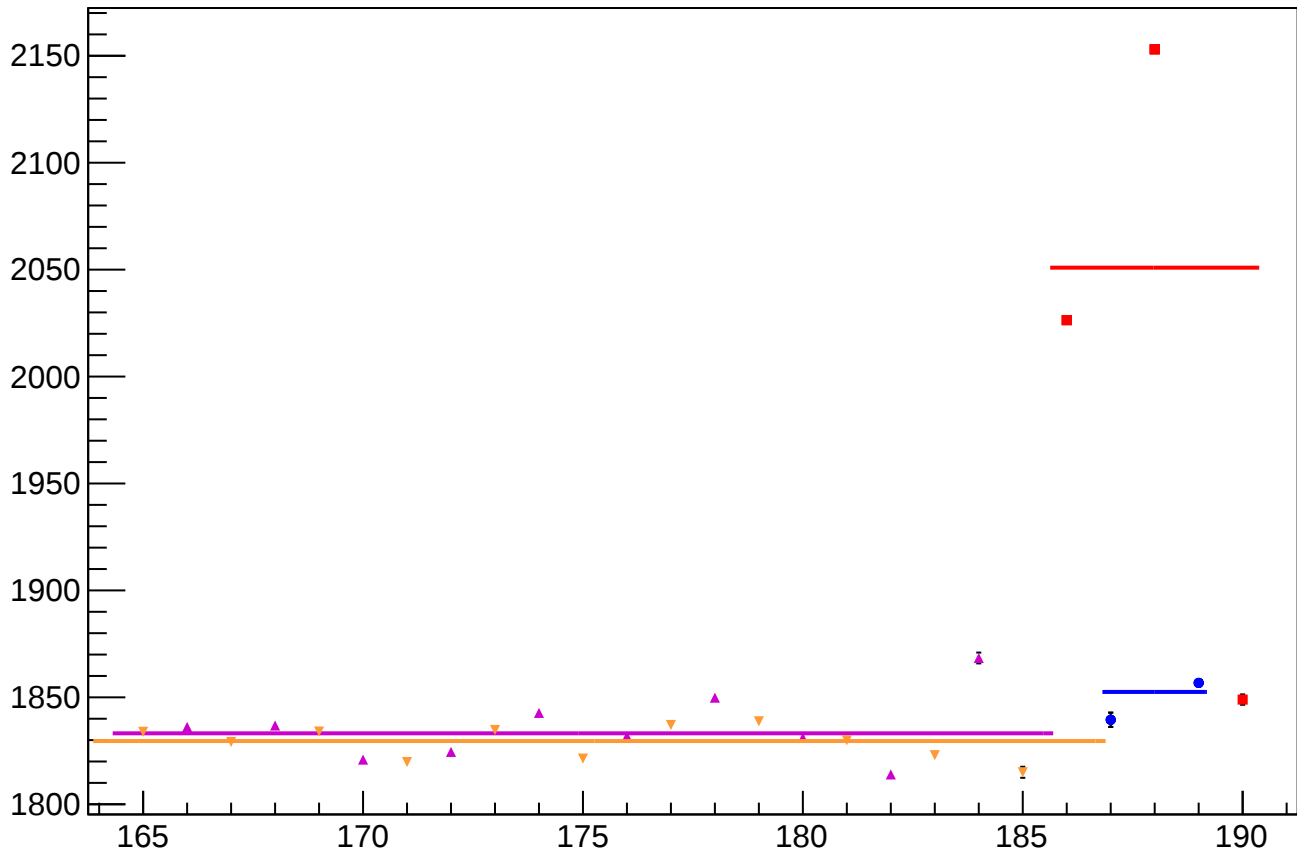
Right: 518.699 ± 1086.105 $\chi^2/\text{NDF}: 12.2/8$

In: 1968.010 ± 633.087 $\chi^2/\text{NDF}: 12.1/13$

Out: 1256.391 ± 597.667 $\chi^2/\text{NDF}: 20.0/15$

All: 1591.738 ± 434.597 $\chi^2/\text{NDF}: 32.8/29$

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left: 1831.297 $\pm$ 0.335 χ^2/NDF : 901.1/20

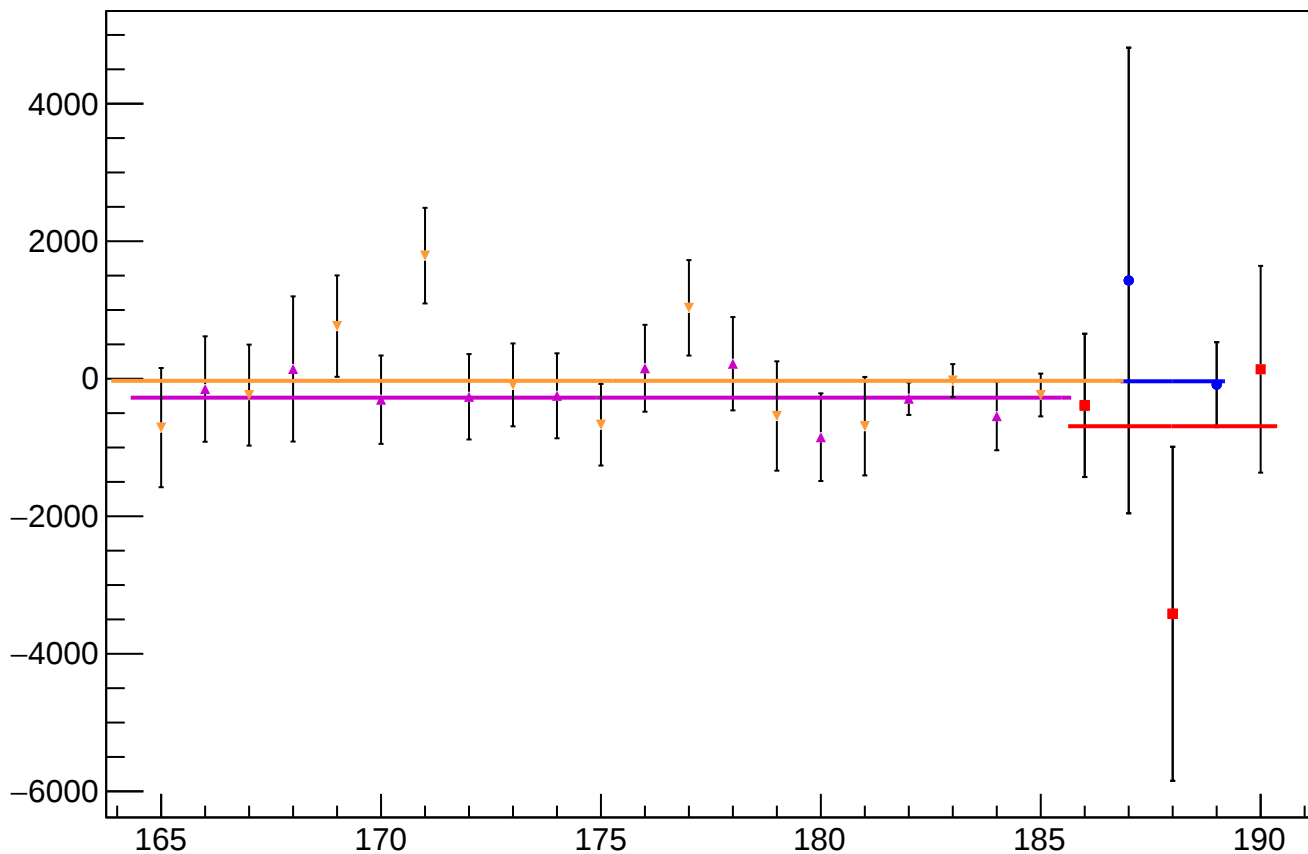
Right: 1965.690 $\pm$ 0.768 χ^2/NDF : 27949.1/8

In: 1836.002 $\pm$ 0.448 χ^2/NDF : 924.5/13

Out: 1867.800 $\pm$ 0.423 χ^2/NDF : 50977.1/15

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

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -36.747 $\pm$ 429.420 χ^2/NDF : 0.4/3

Left Out: -30.166 $\pm$ 147.446 χ^2/NDF :13.9/10

Right Out: -690.544 $\pm$ 617.355 χ^2/NDF : 3.0/4

Left In: -274.972 $\pm$ 159.511 χ^2/NDF :2.3/9

Left: -142.962 $\pm$ 108.274 χ^2/NDF : 17.5/20

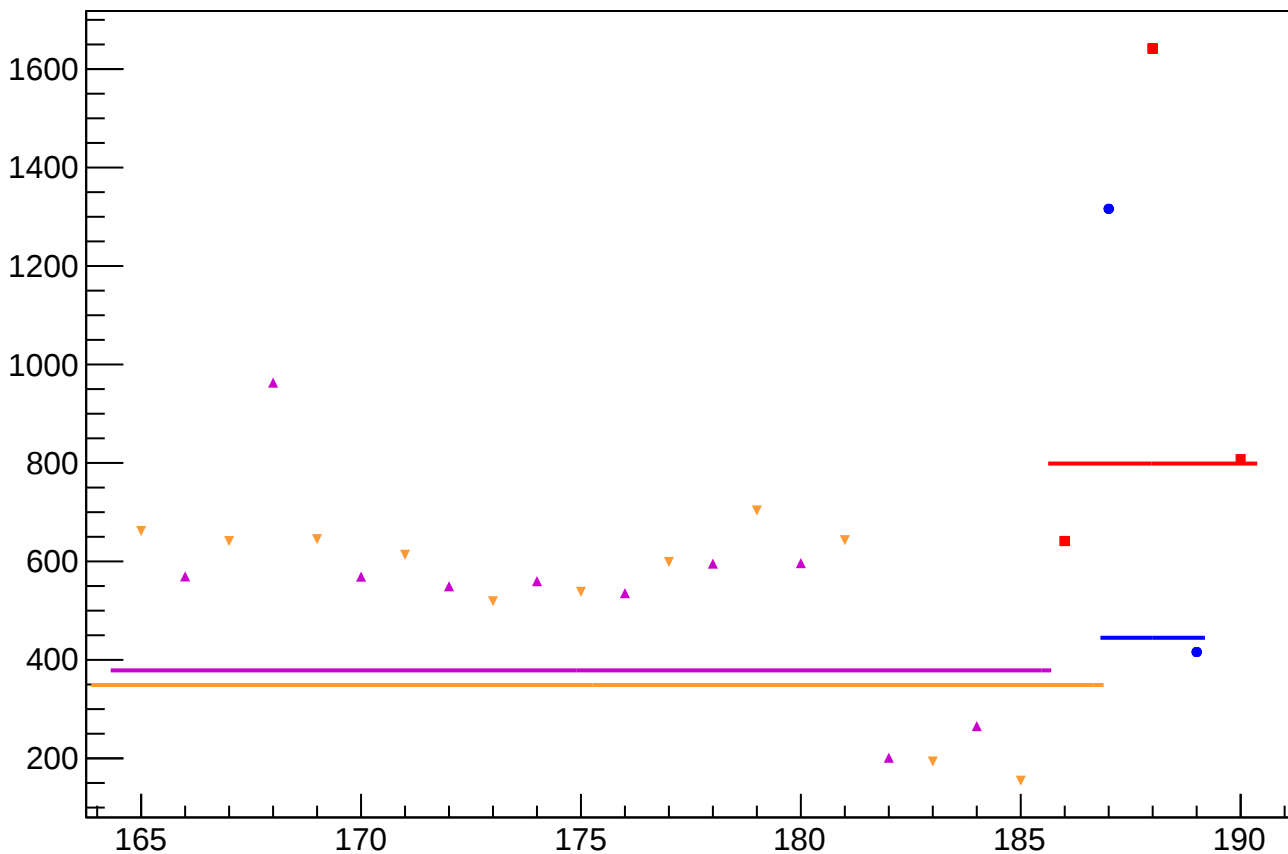
Right: -249.930 $\pm$ 352.525 χ^2/NDF : 4.1/8

In: -246.088 $\pm$ 149.528 χ^2/NDF :2.9/13

Out: -65.802 $\pm$ 143.412 χ^2/NDF :18.0/15

All: -152.183 $\pm$ 103.502 χ^2/NDF : 21.7/29

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Left: 362.656±0.077 χ^2/NDF : 7229125.0/20

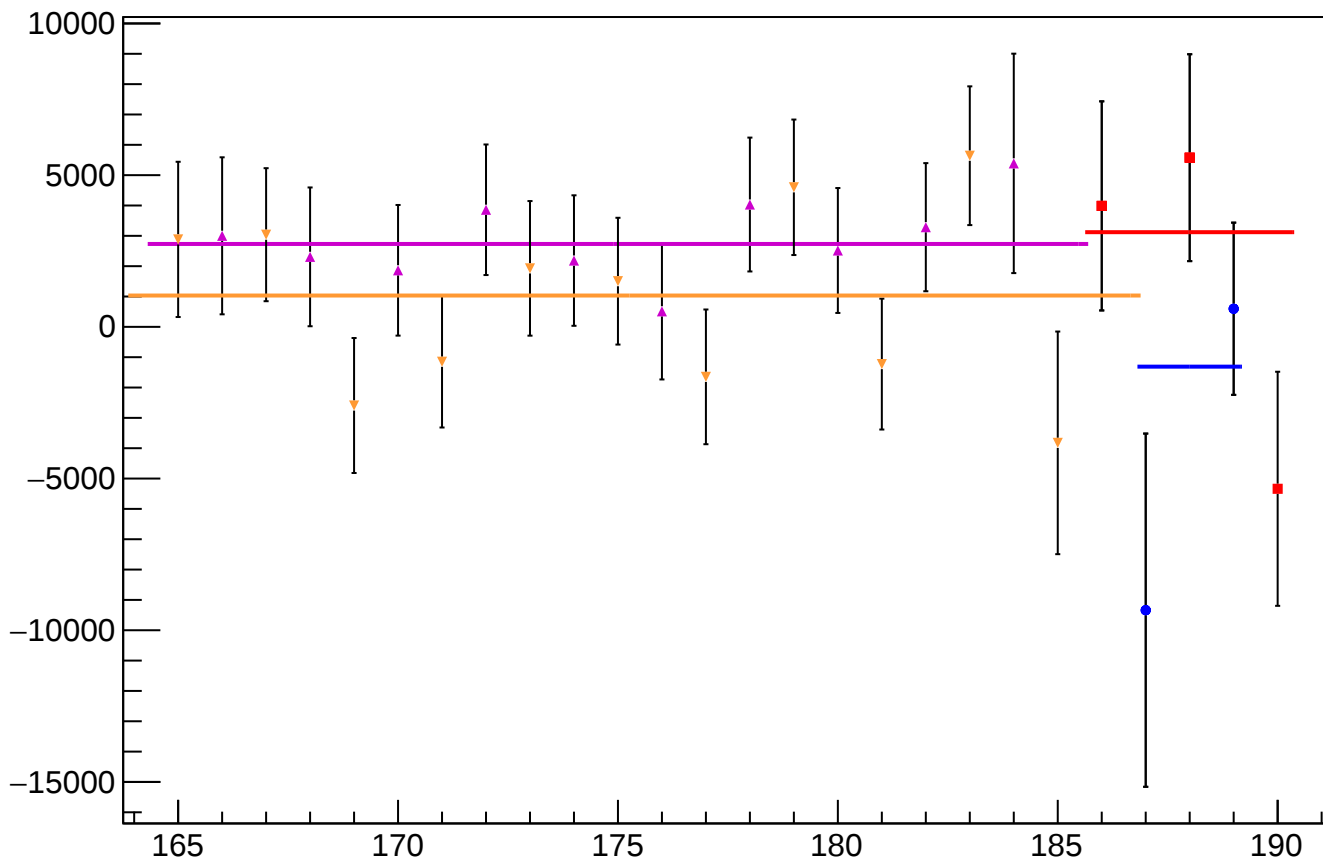
Right: 560.289±0.249 χ^2/NDF : 1289571.7/8

In: 386.684±0.106 χ^2/NDF : 3341352.2/13

Out: 373.261±0.101 χ^2/NDF : 5743356.3/15

All: 379.692±0.073 χ^2/NDF : 9093103.7/29

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -1311.411+/-1803.903 χ^2/NDF : 4.7/3

Left Out: 1032.608+/-691.381 χ^2/NDF : 16.2/10

Right Out: 3120.635+/-1566.323 χ^2/NDF : 6.0/4

Left In: 2732.175+/-720.005 χ^2/NDF : 2.5/9

Left: 1847.936+/-498.693 χ^2/NDF : 21.6/20

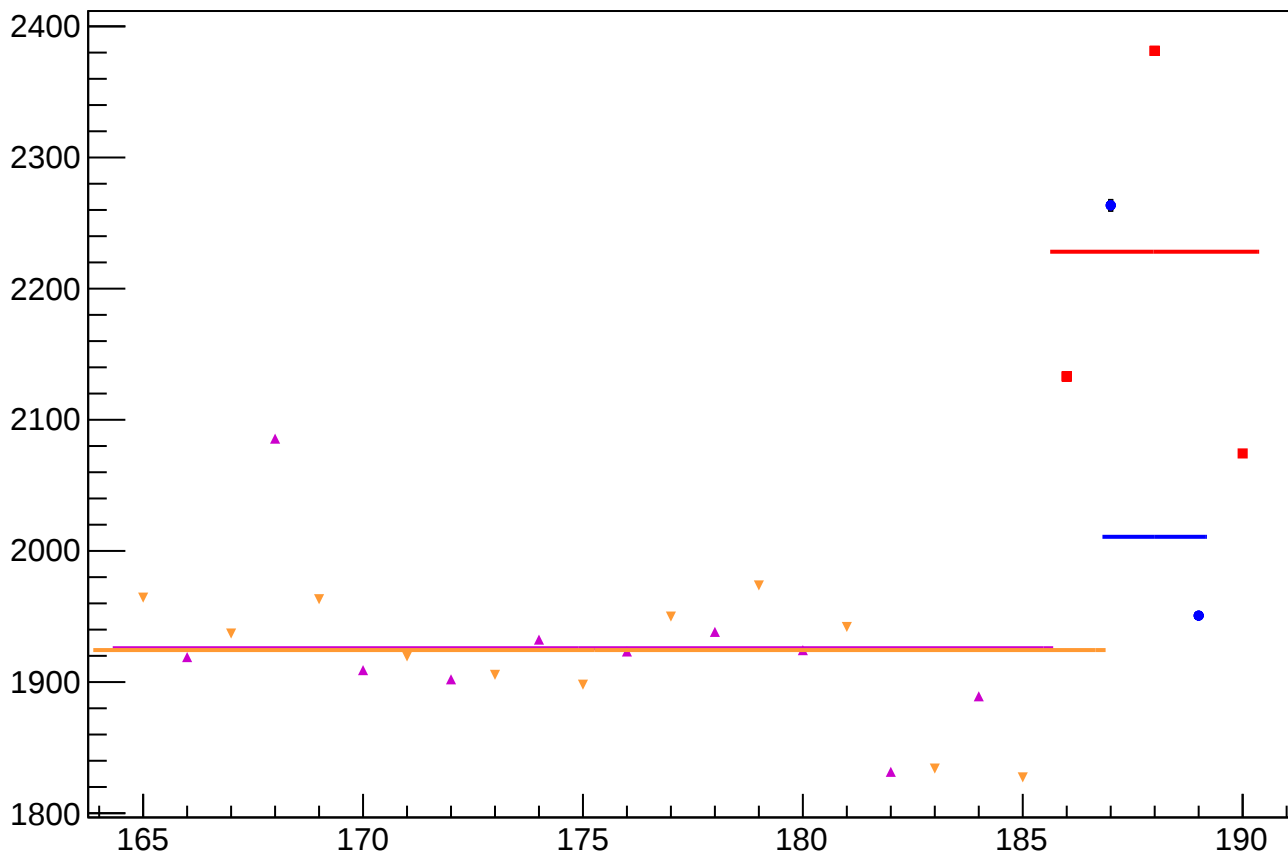
Right: 1215.499+/-1182.699 χ^2/NDF : 14.1/8

In: 2176.511+/-668.707 χ^2/NDF : 11.5/13

Out: 1373.094+/-632.503 χ^2/NDF : 23.6/15

All: 1752.466+/-459.513 χ^2/NDF : 35.9/29

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left: 1925.081+/-0.353 χ^2/NDF : 21953.9/20

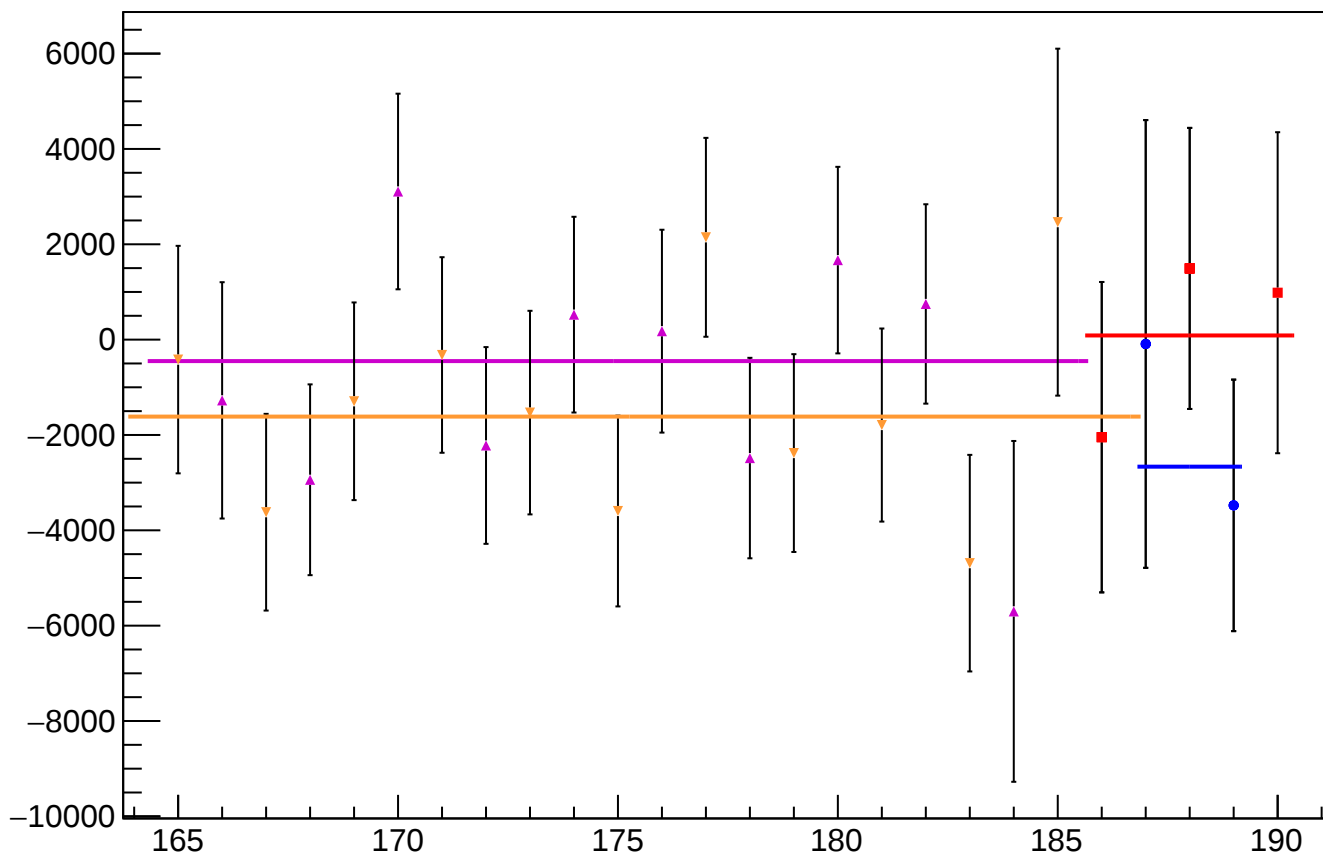
Right: 2134.712+/-0.836 χ^2/NDF : 40190.1/8

In: 1937.493+/-0.473 χ^2/NDF : 27576.8/13

Out: 1973.933+/-0.447 χ^2/NDF : 84781.5/15

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

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -2664.798+/-1626.324 χ^2/NDF : 0.8/3

Left Out: -1614.539+/-655.810 χ^2/NDF : 9.1/10

Right Out: 87.458+/-1404.349 χ^2/NDF : 1.4/4

Left In: -450.275+/-683.995 χ^2/NDF : 10.3/9

Left: -1056.888+/-473.378 χ^2/NDF : 20.9/20

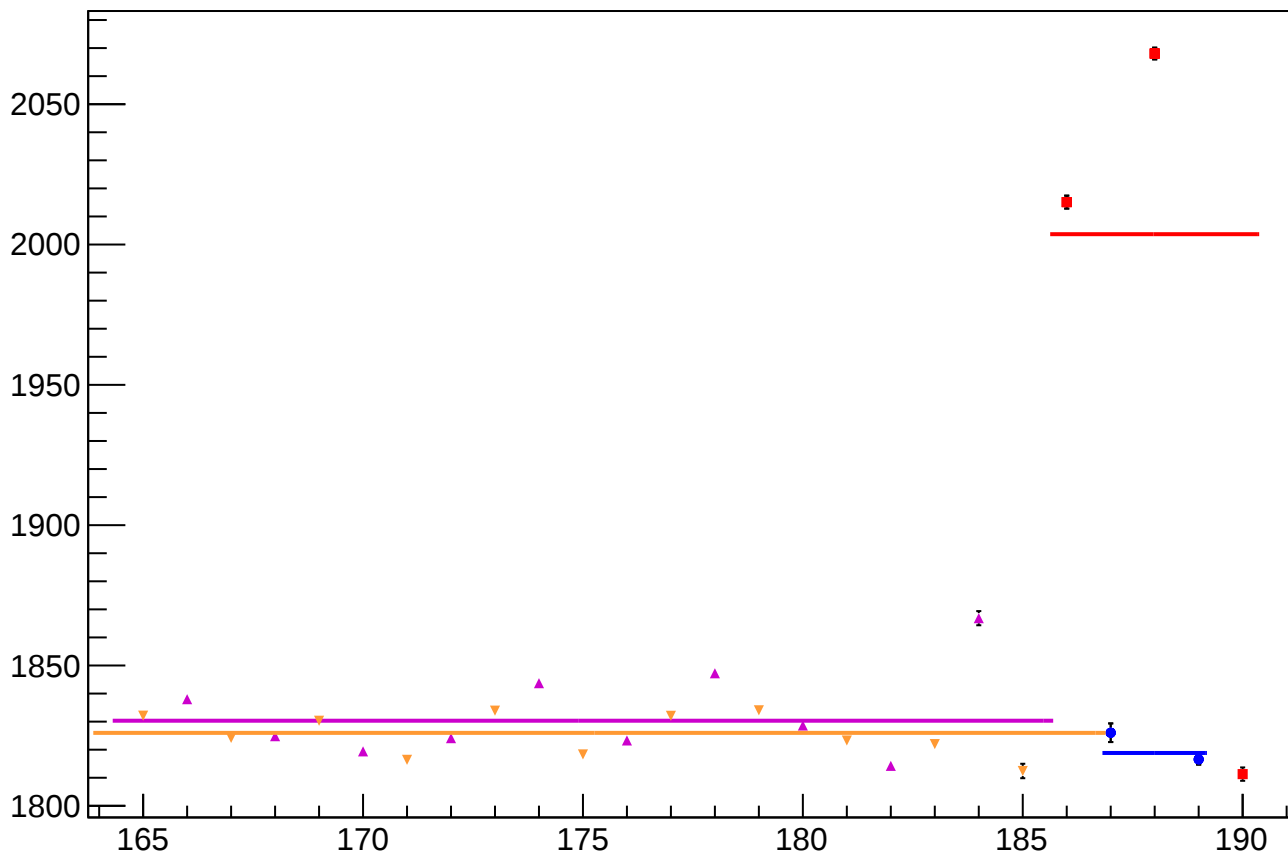
Right: -1088.163+/-1062.910 χ^2/NDF : 3.8/8

In: -783.116+/-630.501 χ^2/NDF : 12.7/13

Out: -1309.826+/-594.212 χ^2/NDF : 11.7/15

All: -1062.065+/-432.431 χ^2/NDF : 24.7/29

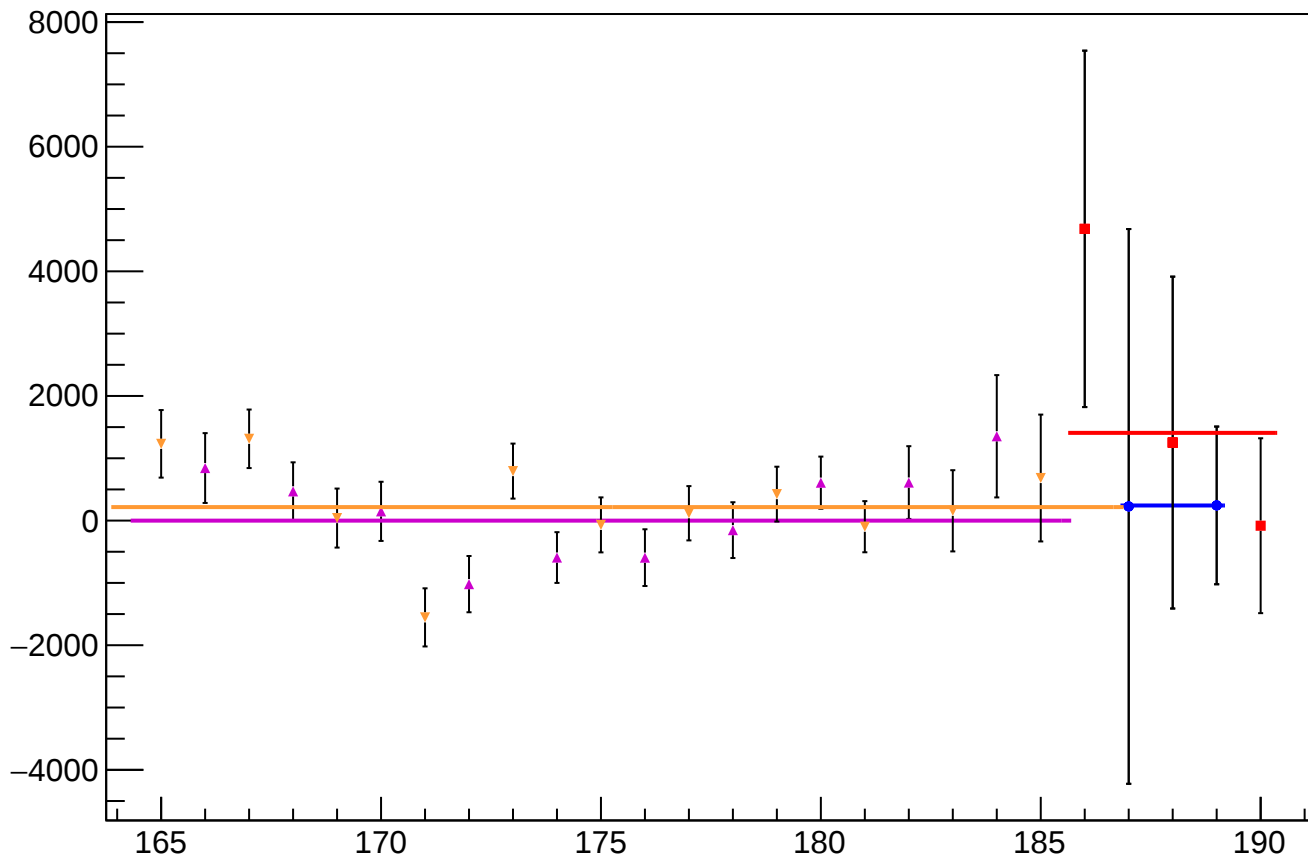
dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left: 1828.065+/-0.335 χ^2/NDF : 924.6/20
 Right: 1924.726+/-0.752 χ^2/NDF : 23301.8/8
 In: 1828.595+/-0.446 χ^2/NDF : 771.2/13
 Out: 1857.804+/-0.420 χ^2/NDF : 34984.3/15
 All: 1844.064+/-0.306 χ^2/NDF : 38028.8/29

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 242.403 $\pm$ 860.628 χ^2 /NDF: 0.0/3

Left Out: 216.577 $\pm$ 145.940 χ^2 /NDF:26.7/10

Right Out: 1407.637 $\pm$ 983.193 χ^2 /NDF: 3.8/4

Left In: -0.689 $\pm$ 153.084 χ^2 /NDF:17.5/9

Left: 113.132 $\pm$ 105.631 χ^2 /NDF: 45.3/20

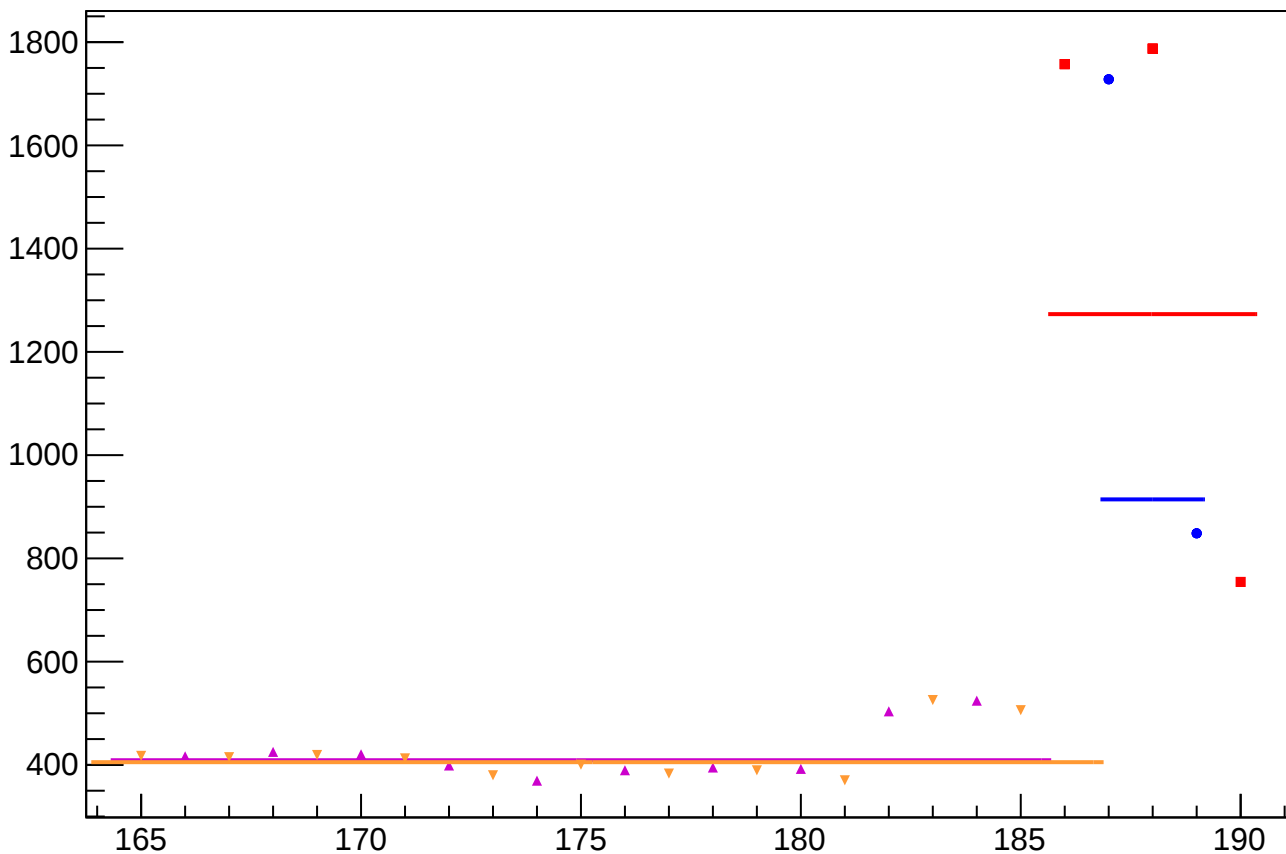
Right: 747.904 $\pm$ 647.580 χ^2 /NDF: 4.6/8

In: 6.766 $\pm$ 150.719 χ^2 /NDF:17.6/13

Out: 242.254 $\pm$ 144.359 χ^2 /NDF:31.9/15

All: 129.583 $\pm$ 104.253 χ^2 /NDF: 50.8/29

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 914.293+/-0.609 χ^2/NDF : 144471.9/3

Left Out: 405.270+/-0.103 χ^2/NDF : 121118.6/10

Right Out: 1273.153+/-0.695 χ^2/NDF : 537187.3/4

Left In: 409.046+/-0.108 χ^2/NDF : 112939.3/9

Left: 407.068+/-0.075 χ^2/NDF : 234695.2/20

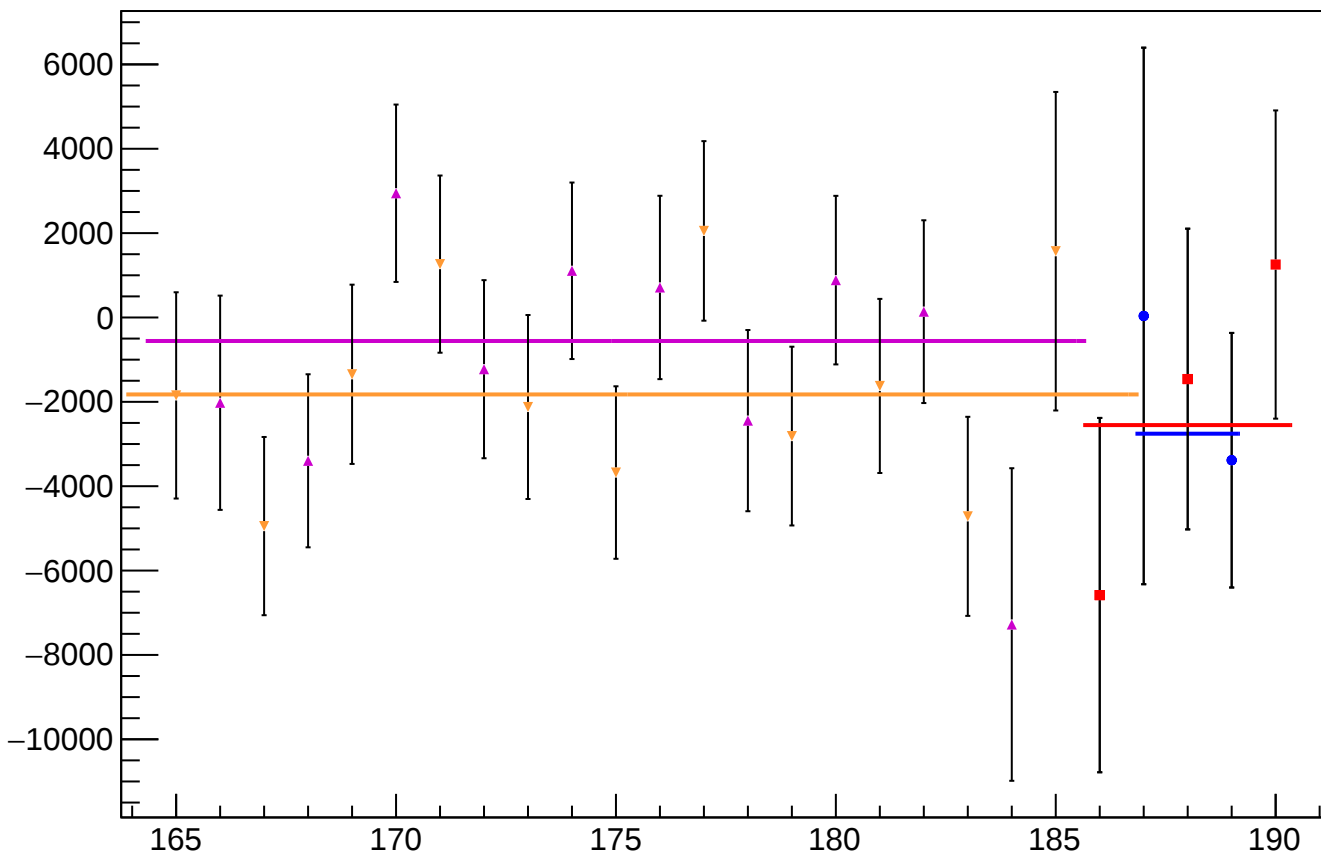
Right: 1069.973+/-0.458 χ^2/NDF : 832513.4/8

In: 424.541+/-0.107 χ^2/NDF : 925568.4/13

Out: 423.980+/-0.102 χ^2/NDF : 2183093.0/15

All: 424.248+/-0.074 χ^2/NDF : 3108675.9/29

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left: -1217.746+/-484.890 χ^2/NDF : 23.6/20

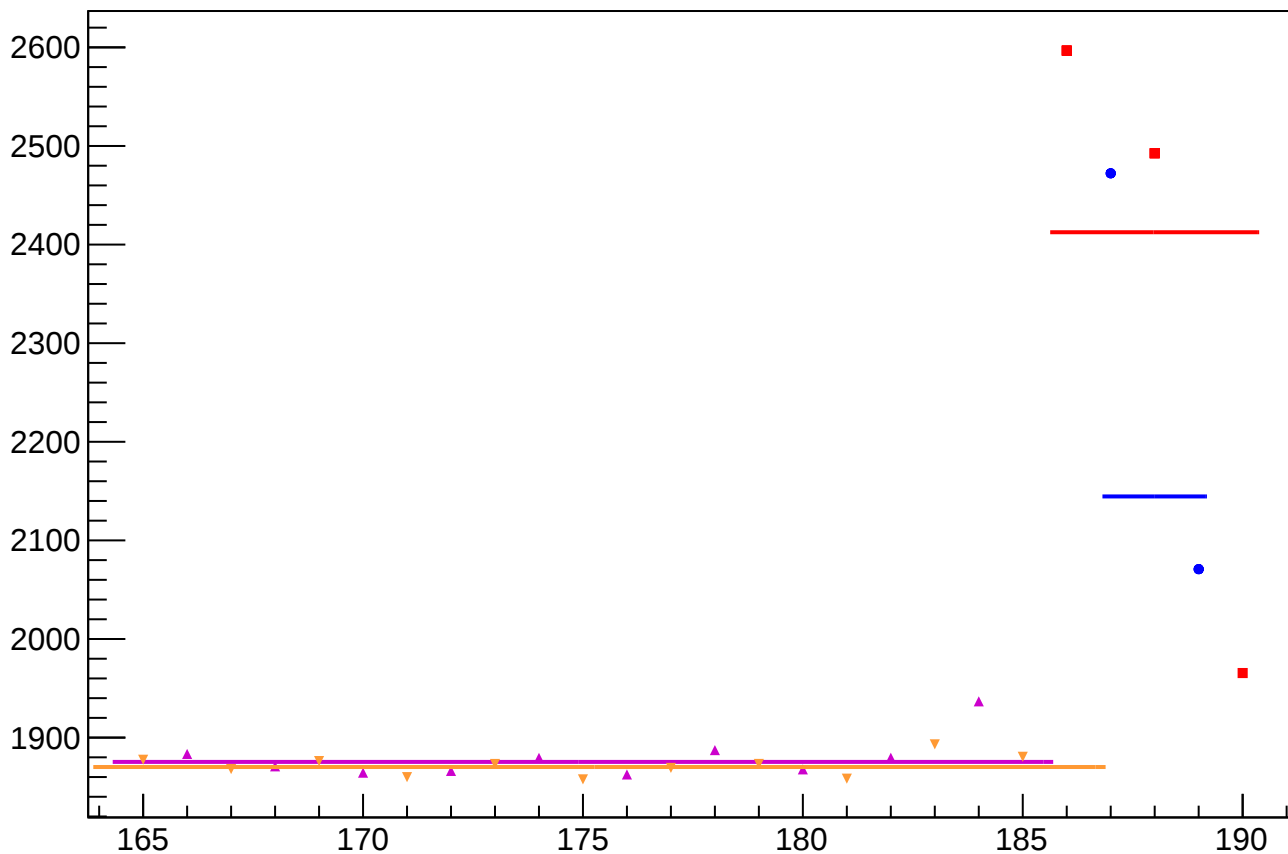
Right: -2640.385+/-1275.455 χ^2/NDF : 3.6/8

In: -813.828+/-658.602 χ^2/NDF : 12.4/13

Out: -1922.433+/-624.703 χ^2/NDF : 14.4/15

All: -1397.395+/-453.242 χ^2/NDF : 28.3/29

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2144.579 $\pm$ 1.363 χ^2/NDF : 13007.6/3

Left Out: 1870.169 $\pm$ 0.475 χ^2/NDF :438.3/10

Right Out: 2412.520 $\pm$ 1.203 χ^2/NDF : 39650.3/4

Left In: 1875.351 $\pm$ 0.496 χ^2/NDF :845.8/9

Left: 1872.650 $\pm$ 0.343 χ^2/NDF : 1341.1/20

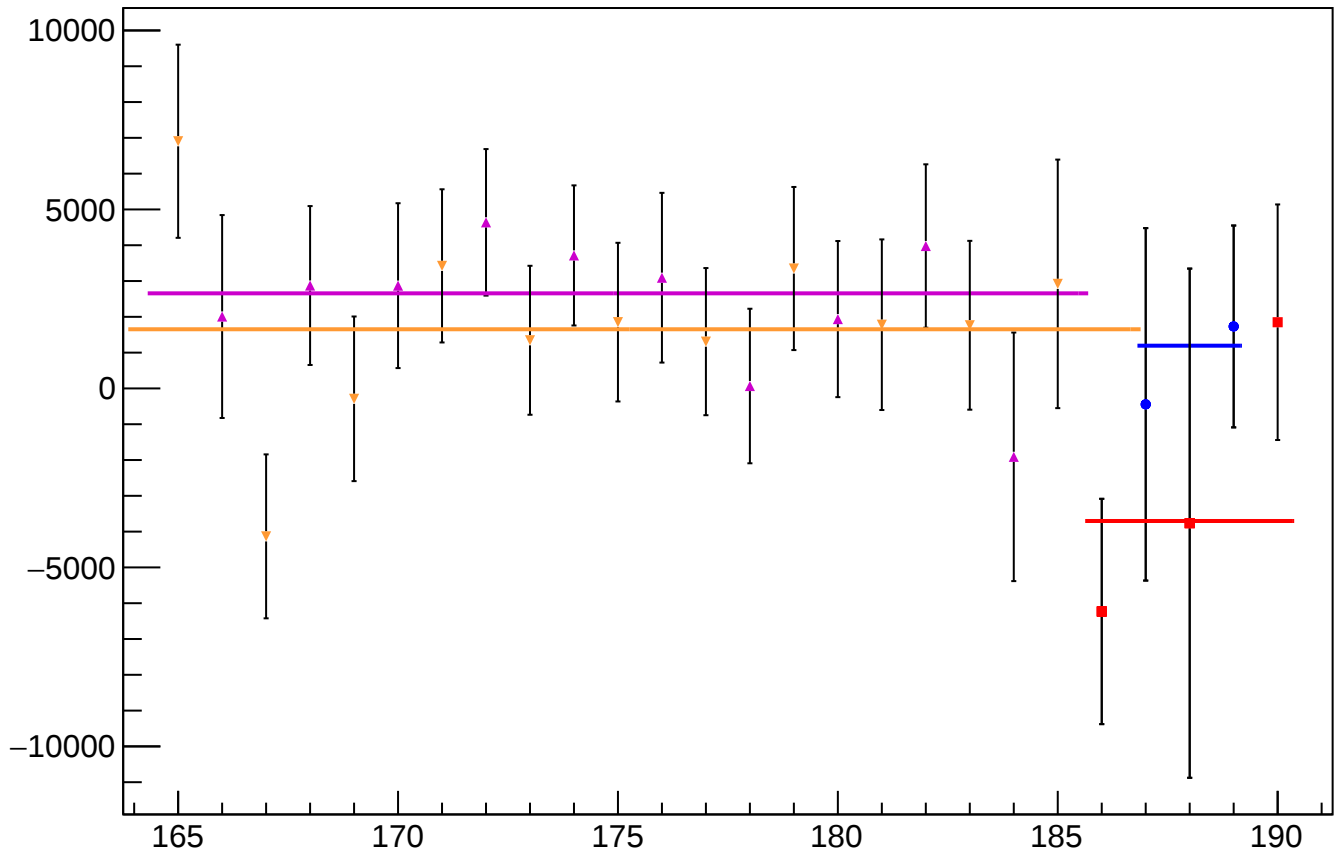
Right: 2295.246 $\pm$ 0.902 χ^2/NDF : 74381.0/8

In: 1906.770 $\pm$ 0.466 χ^2/NDF :48304.9/13

Out: 1943.330 $\pm$ 0.442 χ^2/NDF :216005.8/15

All: 1926.015 $\pm$ 0.320 χ^2/NDF : 267554.8/29

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 1193.883+/-1730.047 χ^2/NDF : 0.3/3

Left Out: 1652.715+/-700.392 χ^2/NDF :12.3/10

Right Out: -3703.267+/-1730.780 χ^2/NDF : 4.1/4

Left In: 2656.310+/-726.683 χ^2/NDF :4.9/9

Left: 2136.029+/-504.290 χ^2/NDF : 18.3/20

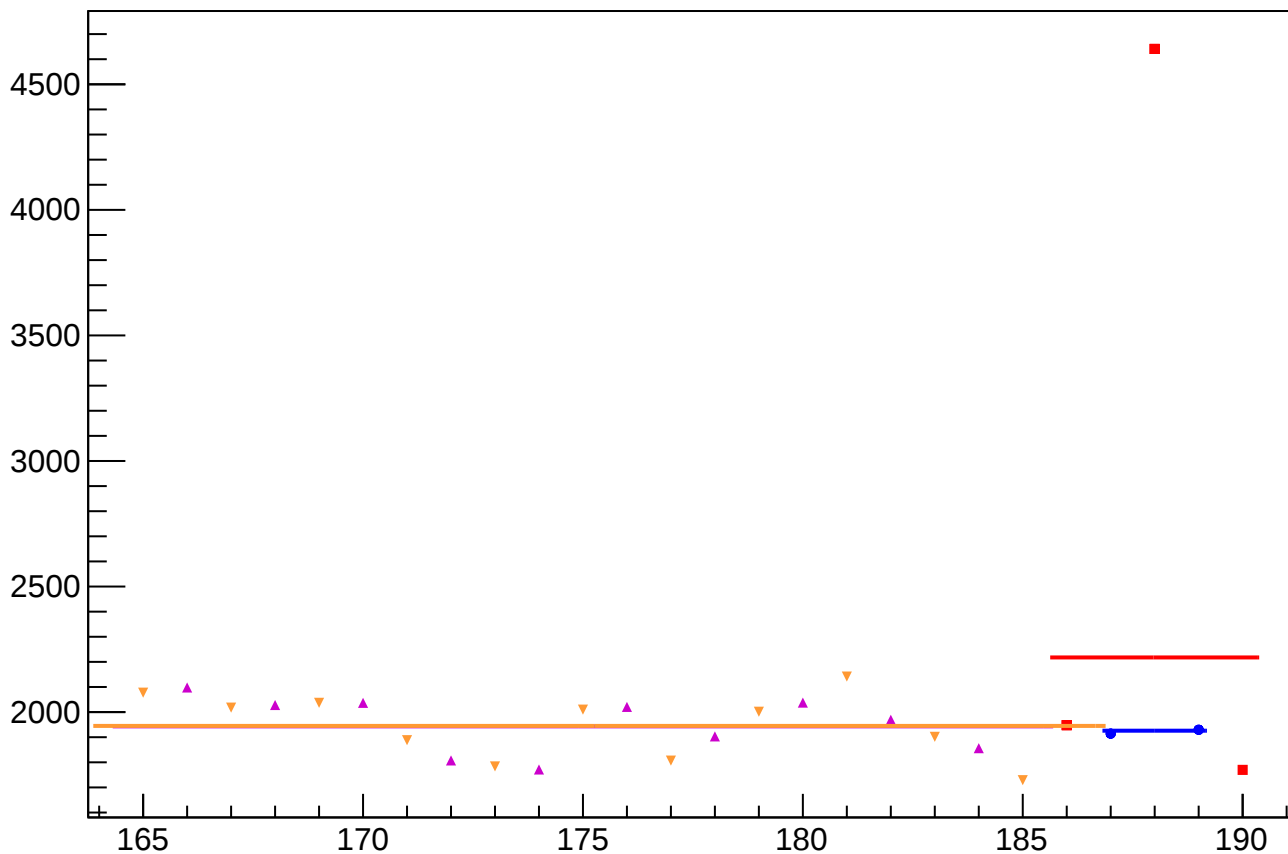
Right: -1253.654+/-1223.587 χ^2/NDF : 8.4/8

In: 2436.988+/-669.980 χ^2/NDF :5.9/13

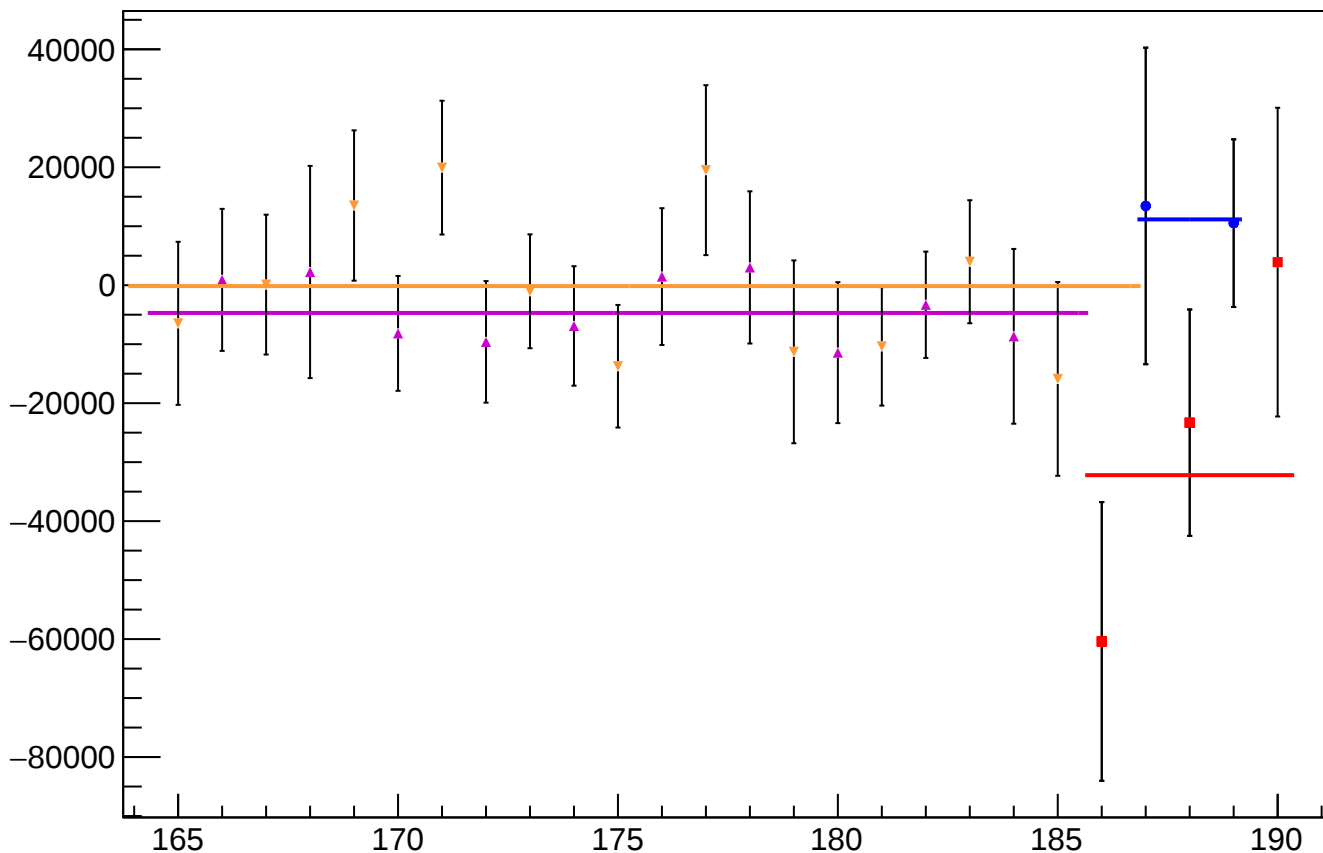
Out: 899.055+/-649.247 χ^2/NDF :24.7/15

All: 1643.857+/-466.244 χ^2/NDF : 33.3/29

dit_asym_at2_avg_rms vs Slug, Sign Corrected



asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 11159.082 $\pm$ 8883.098 χ^2 /NDF: 0.0/3

Left Out: -146.282 $\pm$ 3579.078 χ^2 /NDF:10.7/10

Right Out: -32204.107 $\pm$ 9772.156 χ^2 /NDF: 5.2/4

Left In: -4701.313 $\pm$ 3603.696 χ^2 /NDF:1.8/9

Left: -2408.186 $\pm$ 2539.449 χ^2 /NDF: 13.3/20

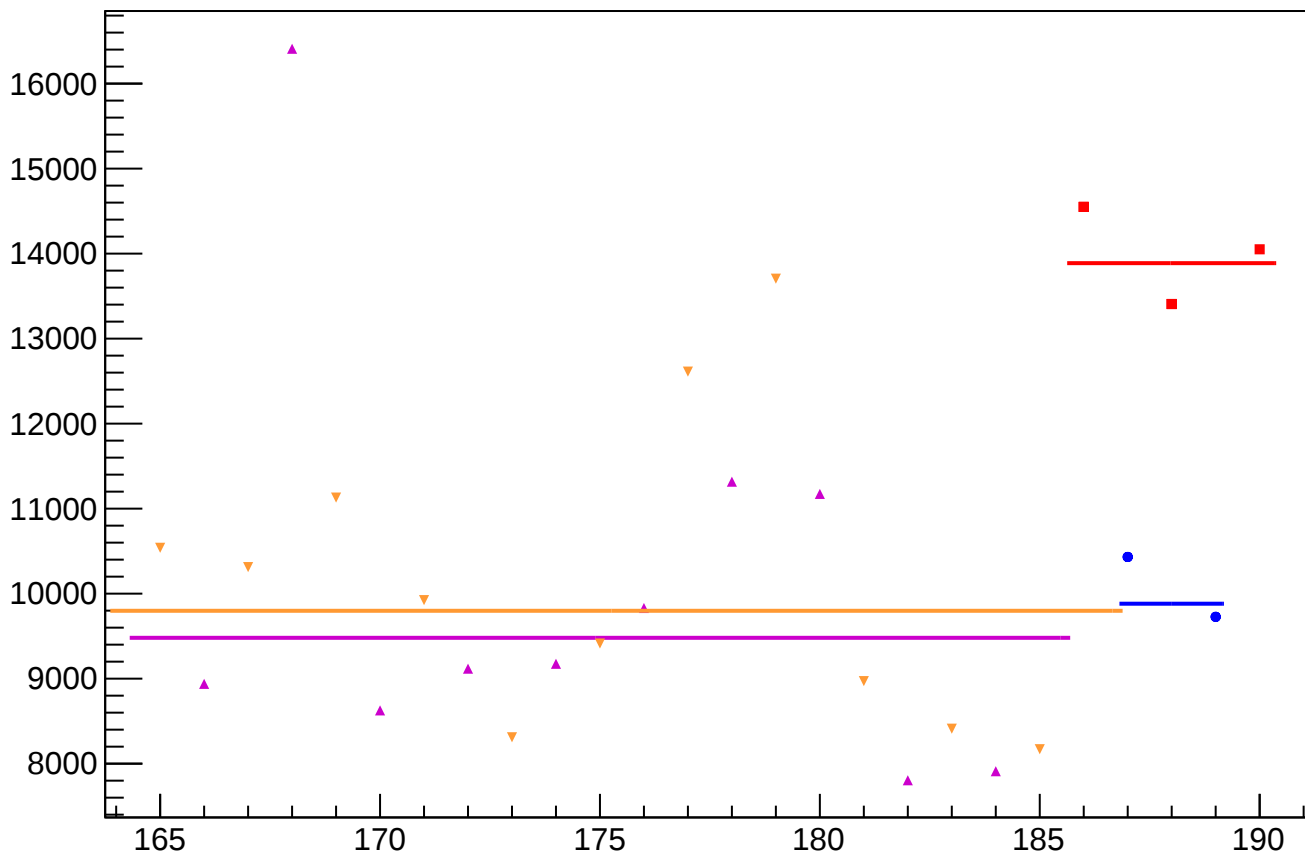
Right: -8460.627 $\pm$ 6573.188 χ^2 /NDF: 16.0/8

In: -2459.944 $\pm$ 3339.367 χ^2 /NDF:4.6/13

Out: -3937.935 $\pm$ 3360.761 χ^2 /NDF:25.4/15

All: -3194.220 $\pm$ 2368.817 χ^2 /NDF: 30.0/29

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 9881.637 $\pm$ 6.281 χ^2/NDF : 2152.7/3

Left Out: 9798.370 $\pm$ 2.531 χ^2/NDF : 353800.0/10

Right Out: 13887.798 $\pm$ 6.910 χ^2/NDF : 5725.2/4

Left In: 9480.425 $\pm$ 2.548 χ^2/NDF : 494386.0/9

Left: 9640.487 $\pm$ 1.796 χ^2/NDF : 856023.4/20

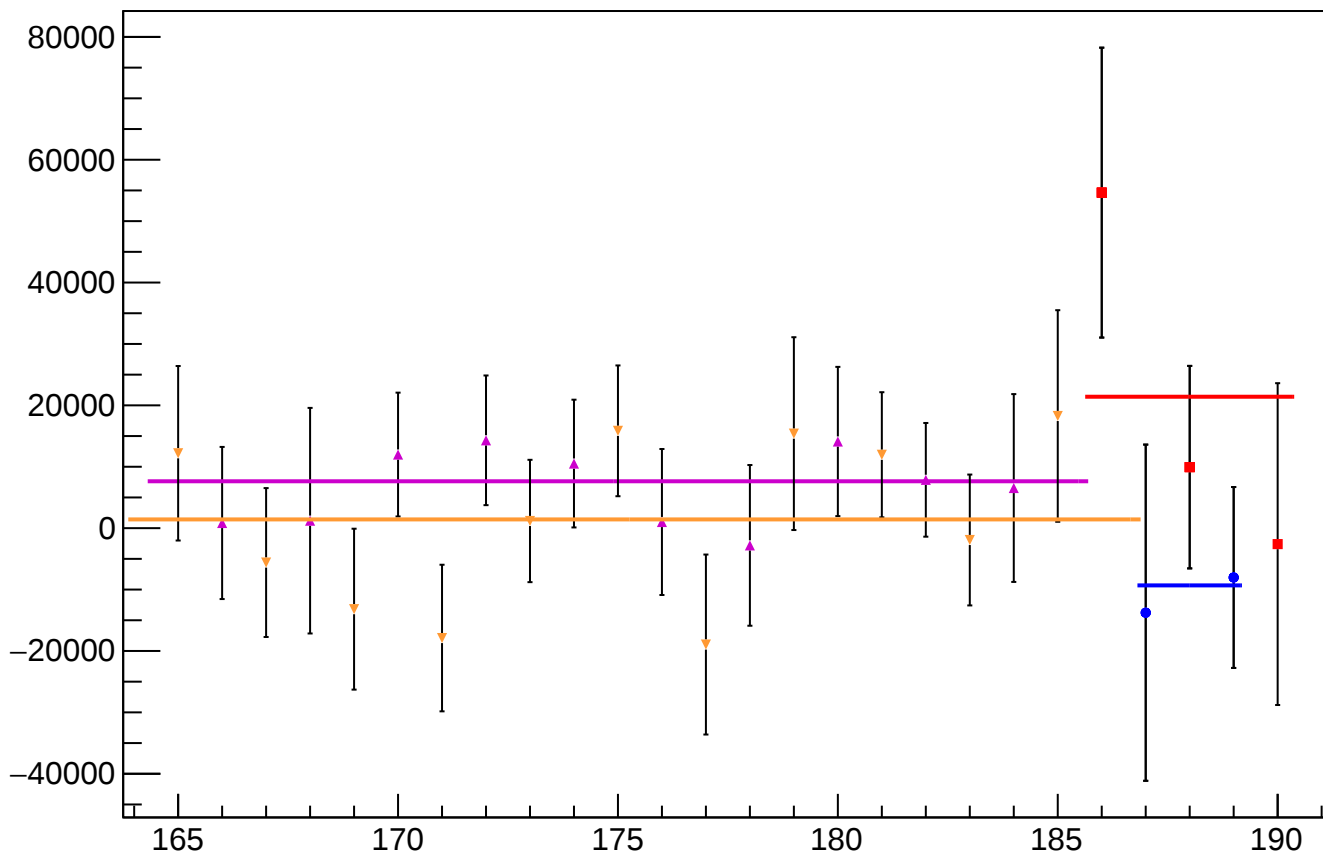
Right: 11694.227 $\pm$ 4.648 χ^2/NDF : 191925.1/8

In: 9537.124 $\pm$ 2.361 χ^2/NDF : 500042.0/13

Out: 10282.049 $\pm$ 2.376 χ^2/NDF : 668346.4/15

All: 9907.208 $\pm$ 1.675 χ^2/NDF : 1217832.6/29

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left: 4511.228+/-2606.722 χ^2/NDF : 15.2/20

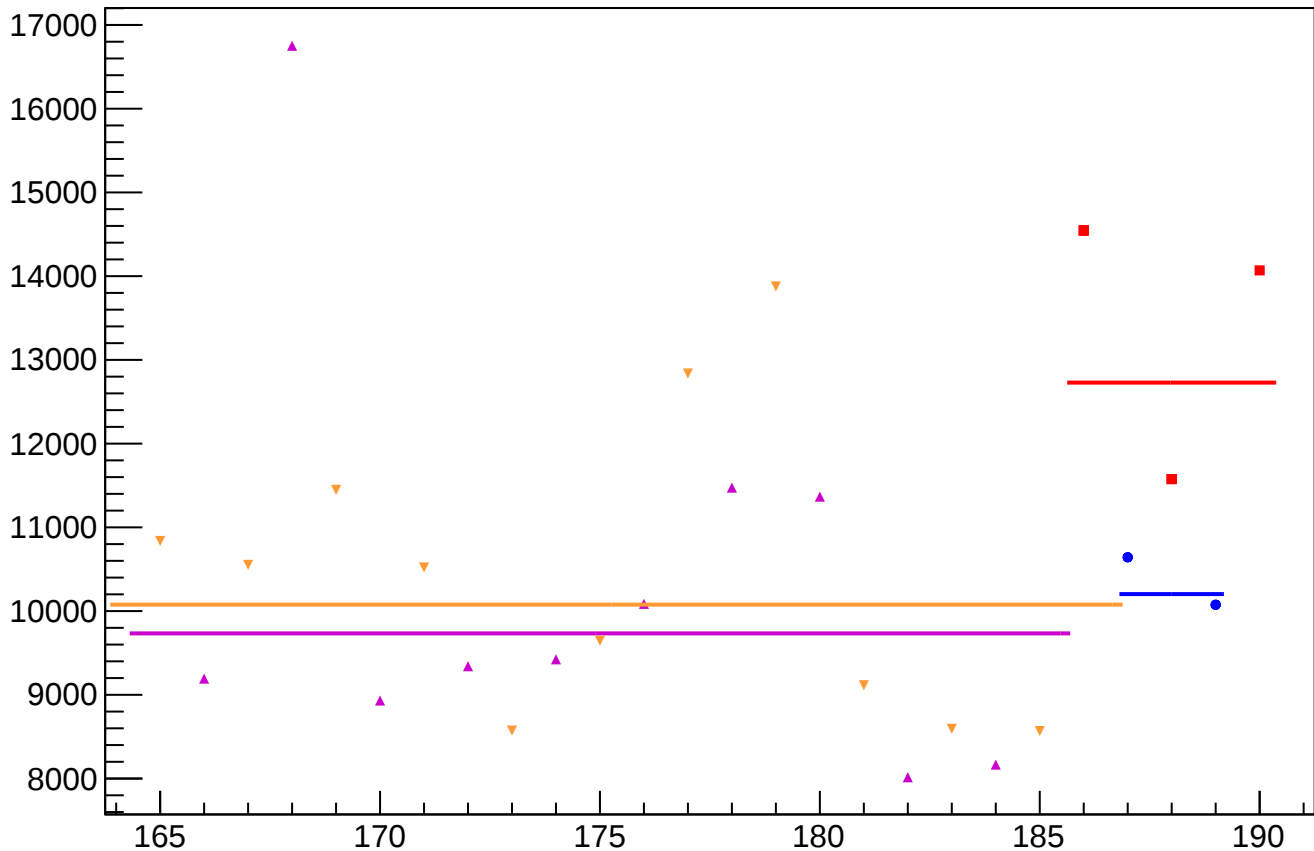
Right: 6368.012+/-6416.966 χ^2/NDF : 11.6/8

In: 5265.658+/-3429.207 χ^2/NDF : 5.3/13

Out: 4290.629+/-3401.790 χ^2/NDF : 21.5/15

All: 4774.230+/-2415.064 χ^2/NDF : 26.8/29

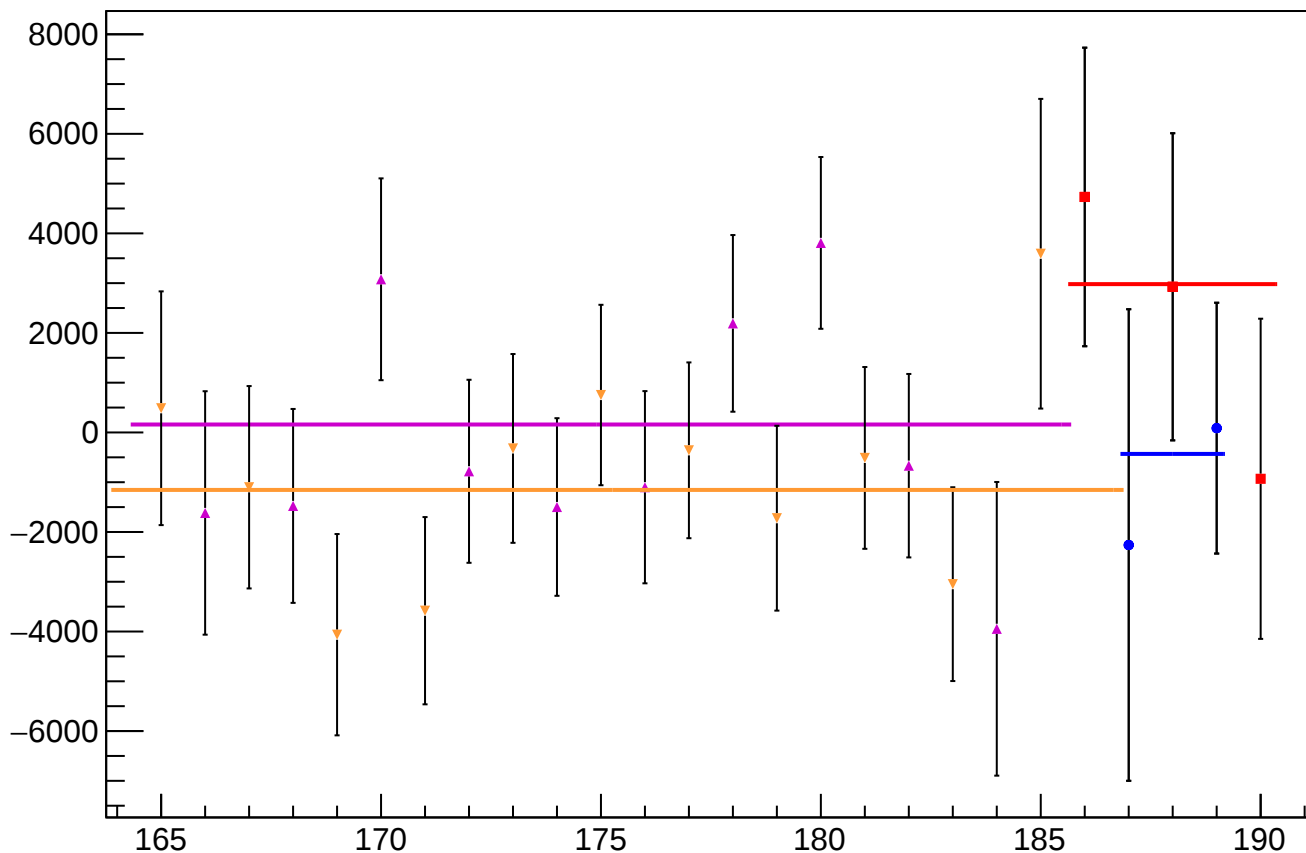
asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 10203.001 $\pm$ 6.486 χ^2/NDF : 1327.5/3
 Left Out: 10076.847 $\pm$ 2.599 χ^2/NDF : 342412.0/10
 Right Out: 12728.793 $\pm$ 6.350 χ^2/NDF : 48474.2/4
 Left In: 9733.628 $\pm$ 2.614 χ^2/NDF : 476082.7/9

Left: 9906.241 $\pm$ 1.843 χ^2/NDF : 827162.5/20
 Right: 11492.736 $\pm$ 4.537 χ^2/NDF : 127231.7/8
 In: 9799.226 $\pm$ 2.425 χ^2/NDF : 481914.9/13
 Out: 10457.407 $\pm$ 2.405 χ^2/NDF : 540278.7/15
 All: 10130.958 $\pm$ 1.708 χ^2/NDF : 1059328.0/2

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left: -521.365 ± 429.355 χ^2/NDF : 24.3/20

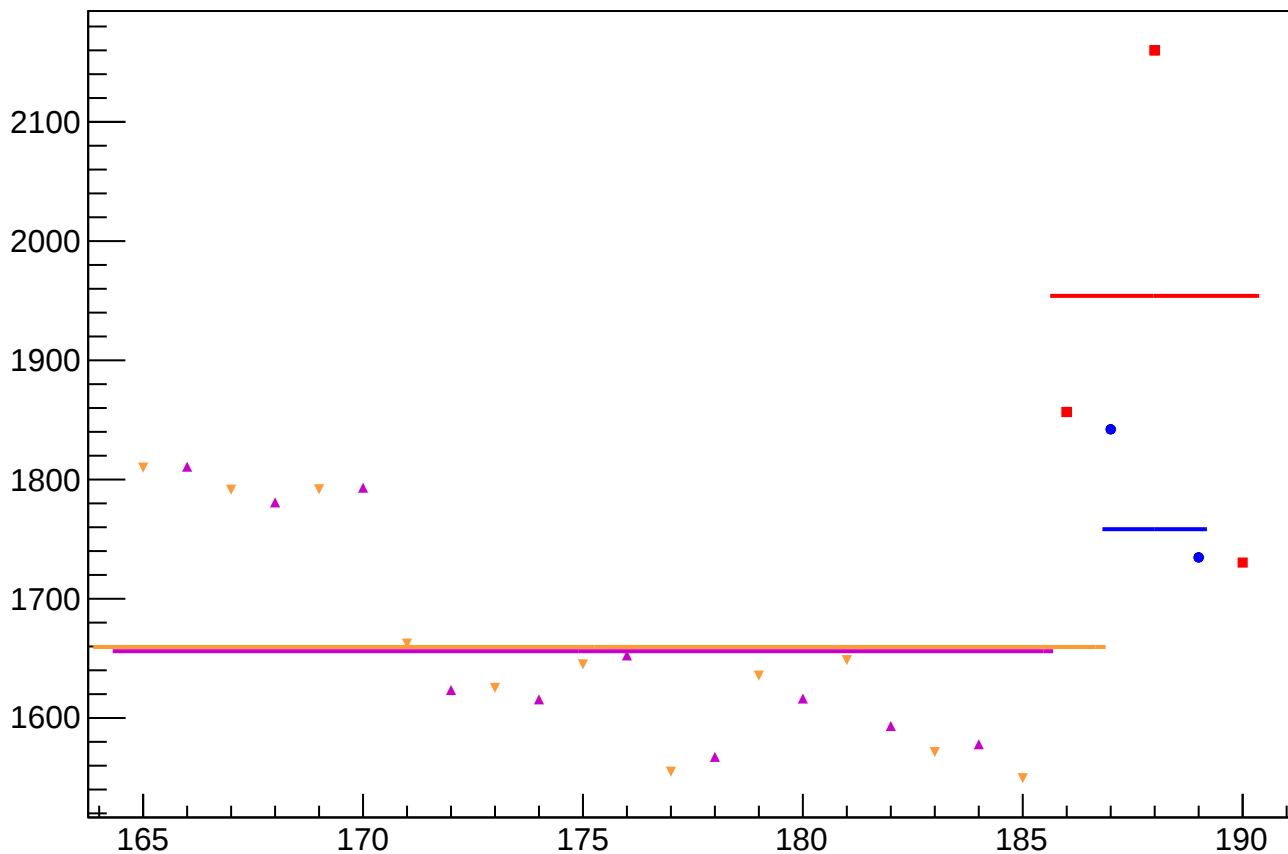
Right: 1502.780 ± 1035.220 χ^2/NDF : 5.2/8

In: 80.451 ± 575.581 χ^2/NDF : 13.3/13

Out: -499.746 ± 547.238 χ^2/NDF : 19.0/15

All: -224.284 ± 396.597 χ^2/NDF : 32.8/29

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left: 1657.841 $\pm$ 0.304 χ^2/NDF : 76826.0/20

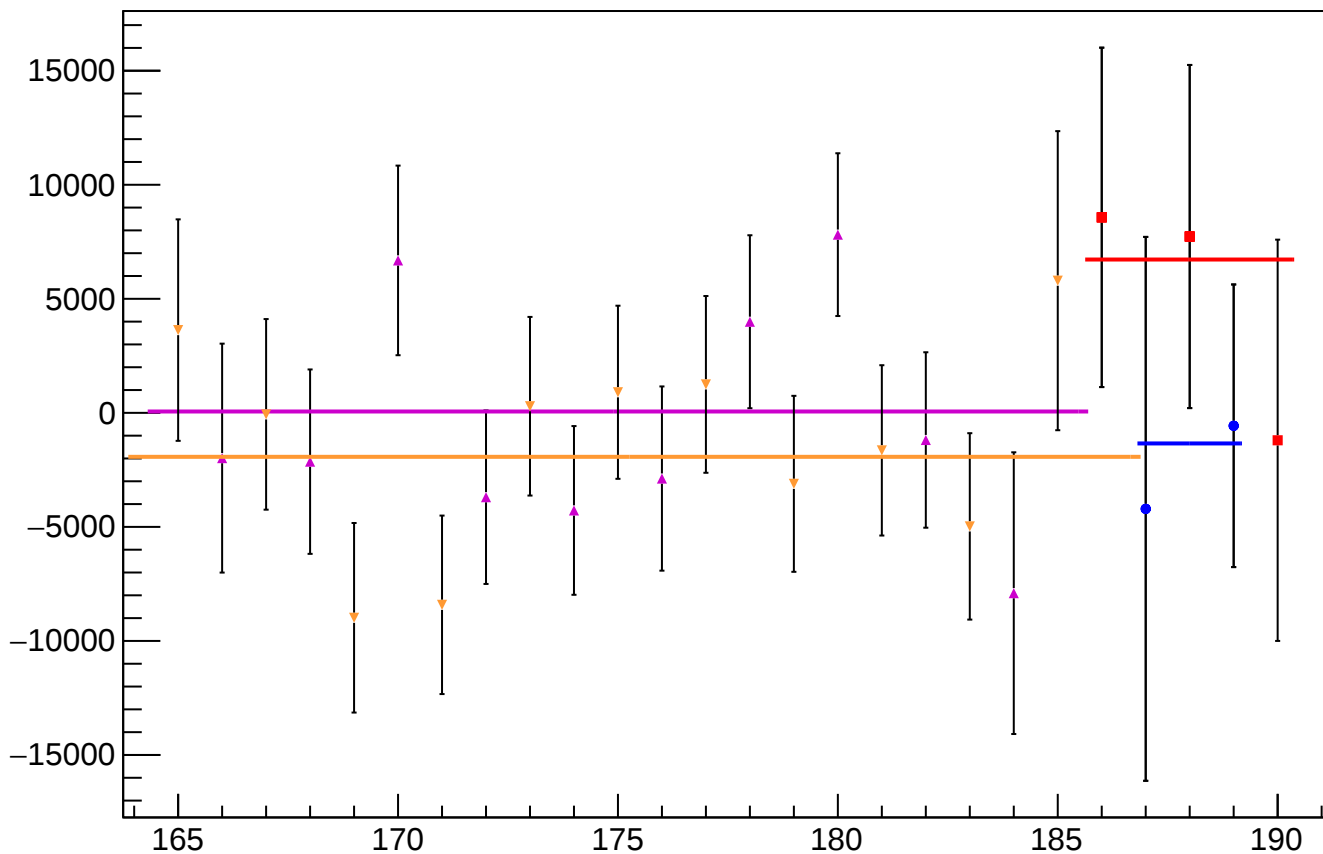
Right: 1869.315 $\pm$ 0.732 χ^2/NDF : 50871.1/8

In: 1669.719 $\pm$ 0.407 χ^2/NDF : 45726.4/13

Out: 1706.198 $\pm$ 0.387 χ^2/NDF : 148962.1/15

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

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left: -967.472+/-894.281 χ^2/NDF : 25.4/20

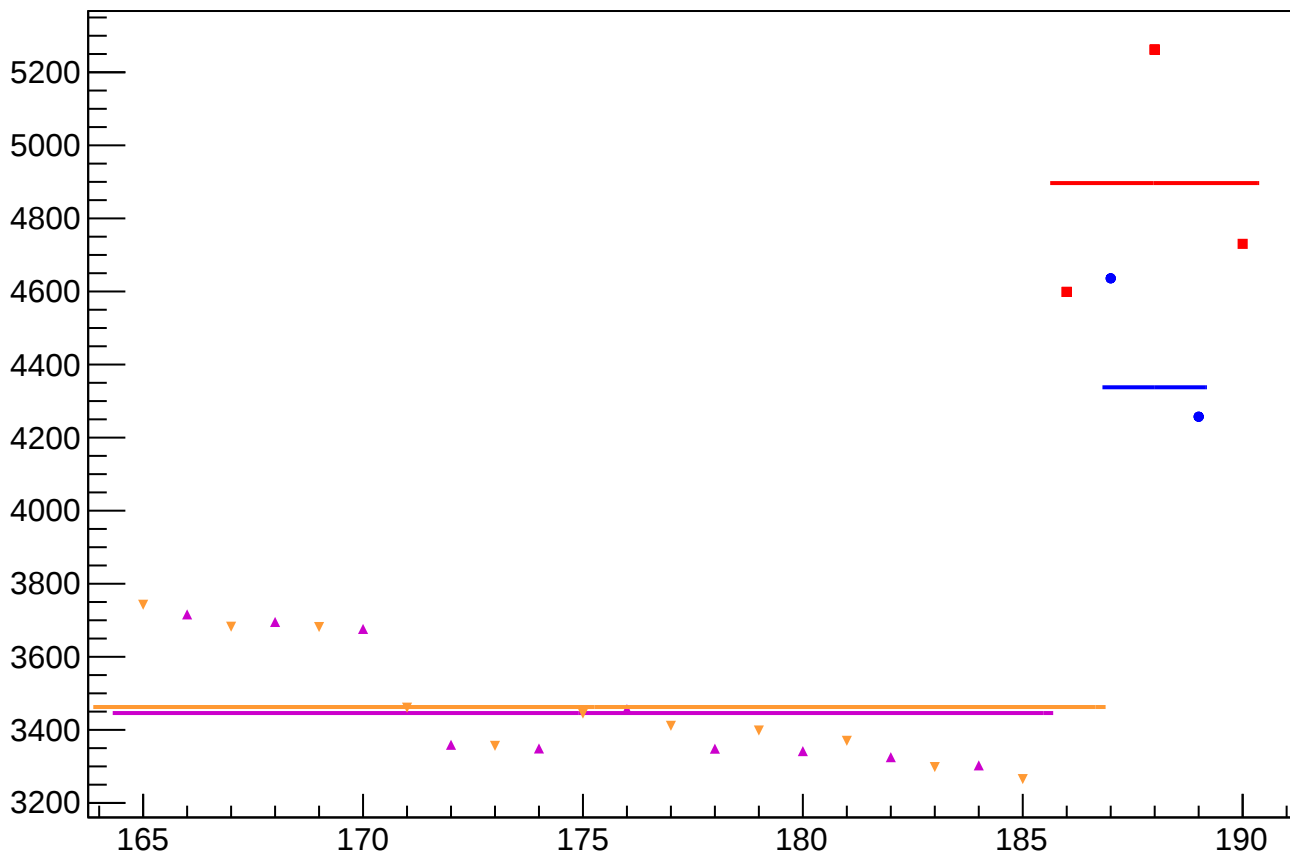
Right: 3178.634+/-2577.110 χ^2/NDF : 3.5/8

In: -78.686+/-1221.365 χ^2/NDF : 13.7/13

Out: -928.511+/-1169.918 χ^2/NDF : 17.3/15

All: -521.873+/-844.859 χ^2/NDF : 31.3/29

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Left: 3454.608 $\pm$ 0.632 χ^2/NDF : 54650.1/20

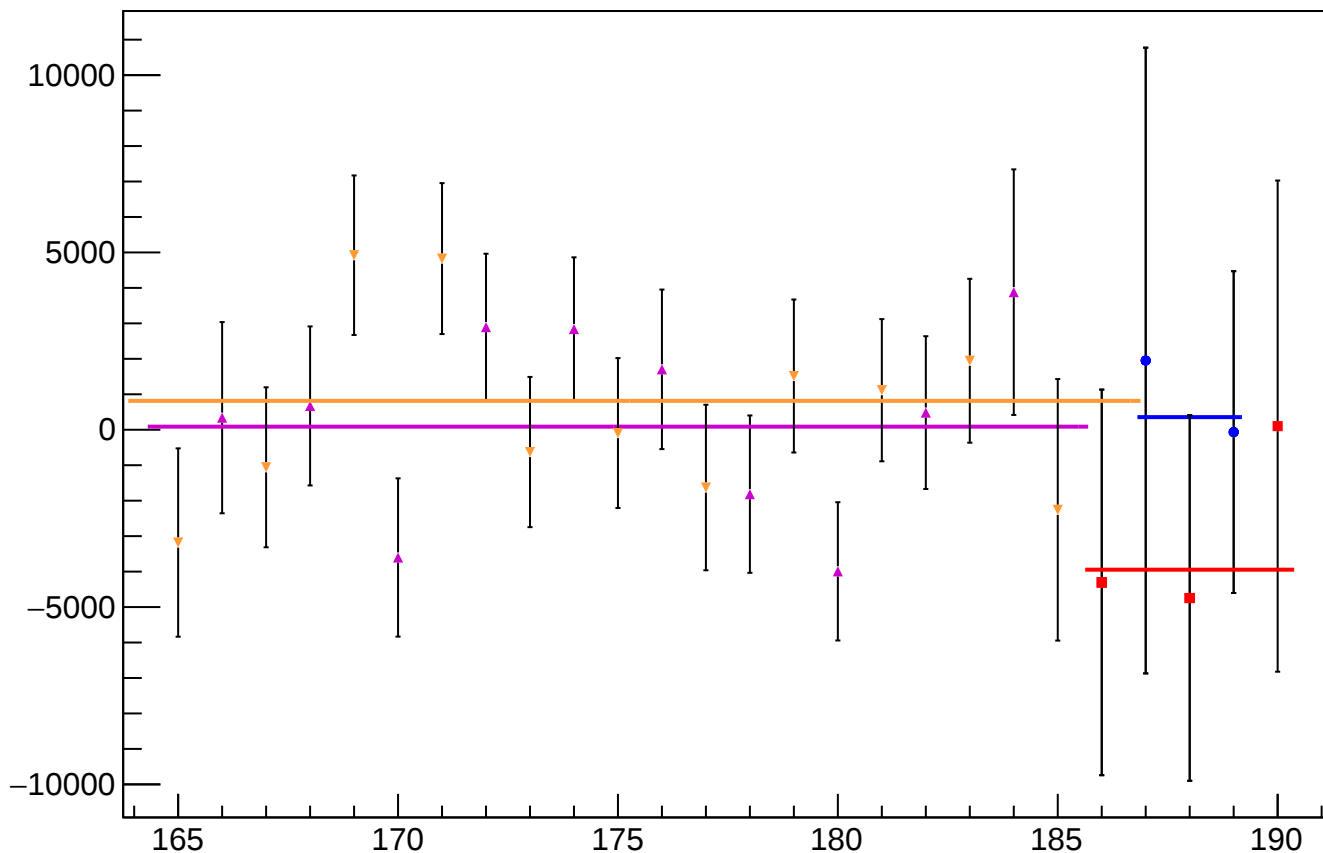
Right: 4651.060 $\pm$ 1.822 χ^2/NDF : 42916.4/8

In: 3534.097 $\pm$ 0.864 χ^2/NDF : 126055.7/13

Out: 3628.246 $\pm$ 0.827 χ^2/NDF : 350060.3/15

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

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 355.977 ± 2853.195 $\chi^2/\text{NDF}: 0.1/3$

Left Out: 815.173 ± 688.171 $\chi^2/\text{NDF}: 12.6/10$

Right Out: -3945.968 ± 2470.856 $\chi^2/\text{NDF}: 0.4/4$

Left In: 87.623 ± 710.999 $\chi^2/\text{NDF}: 13.4/9$

Left: 463.265 ± 494.484 $\chi^2/\text{NDF}: 26.6/20$

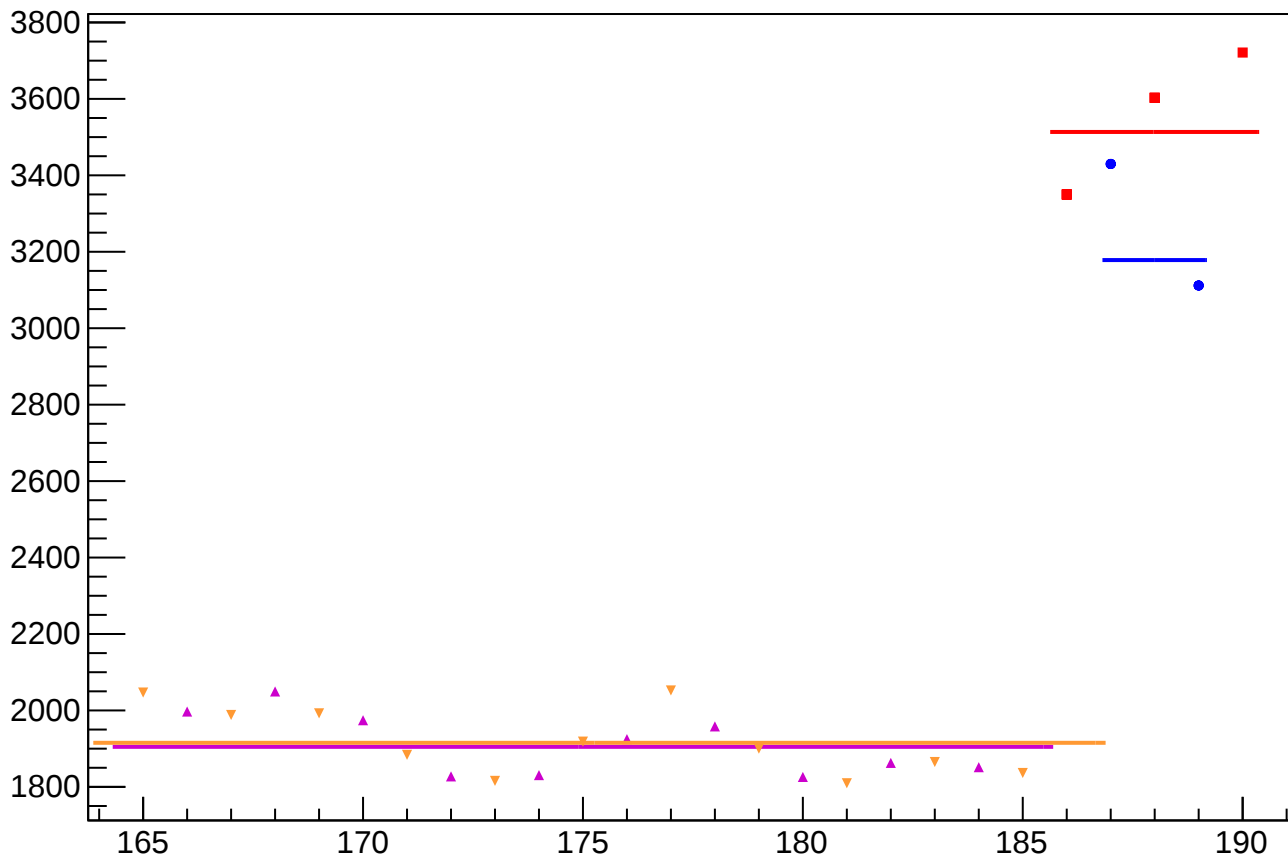
Right: -2102.349 ± 1867.818 $\chi^2/\text{NDF}: 1.8/8$

In: 103.313 ± 689.901 $\chi^2/\text{NDF}: 13.5/13$

Out: 472.434 ± 662.939 $\chi^2/\text{NDF}: 16.5/15$

All: 295.227 ± 478.016 $\chi^2/\text{NDF}: 30.1/29$

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left: 1910.236+/-0.350 χ^2/NDF : 52783.8/20

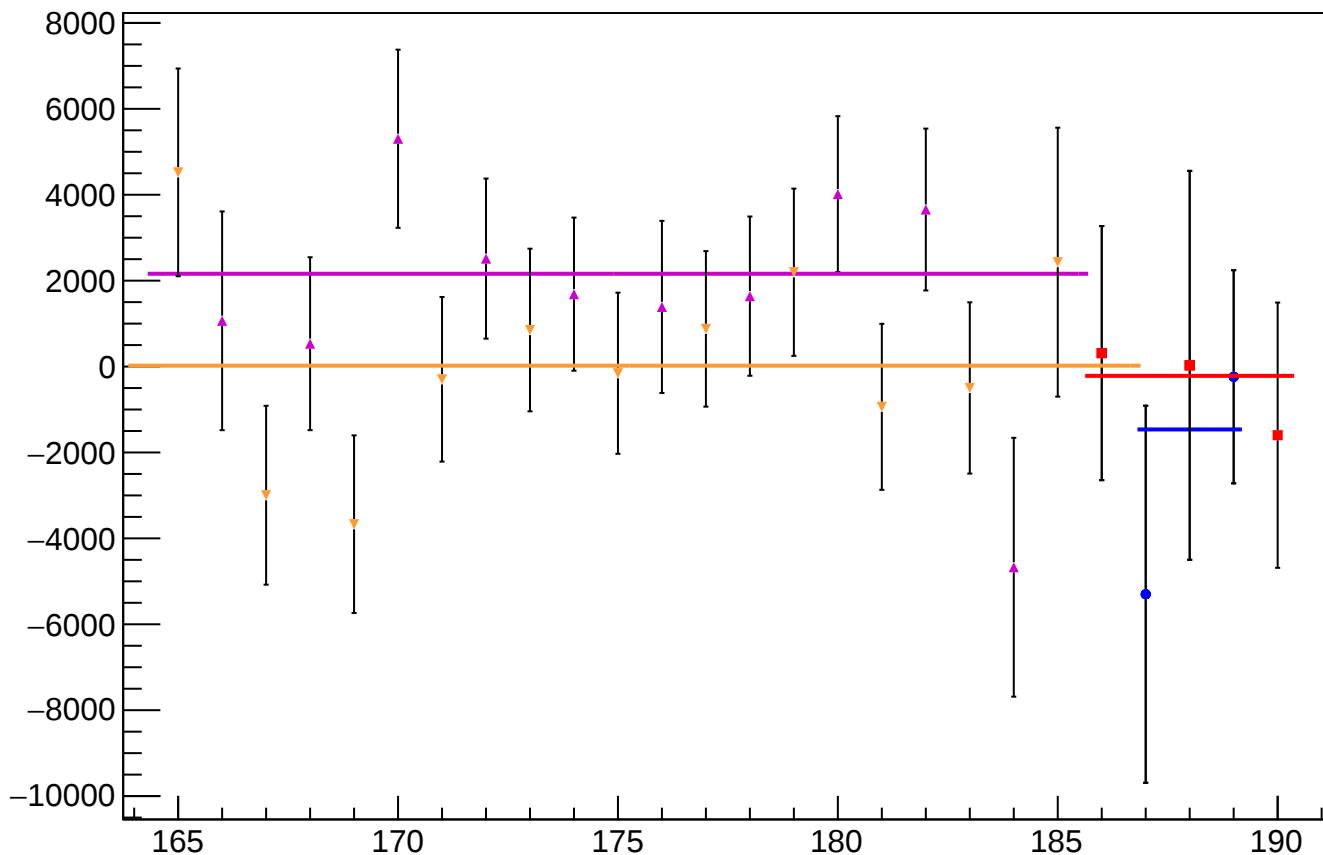
Right: 3369.839+/-1.321 χ^2/NDF : 26507.2/8

In: 1979.244+/-0.488 χ^2/NDF : 403197.7/13

Out: 2030.387+/-0.469 χ^2/NDF : 811709.3/15

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

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 10.3/9$

Left: 1051.205 ± 441.369 $\chi^2/\text{NDF}: 27.5/20$

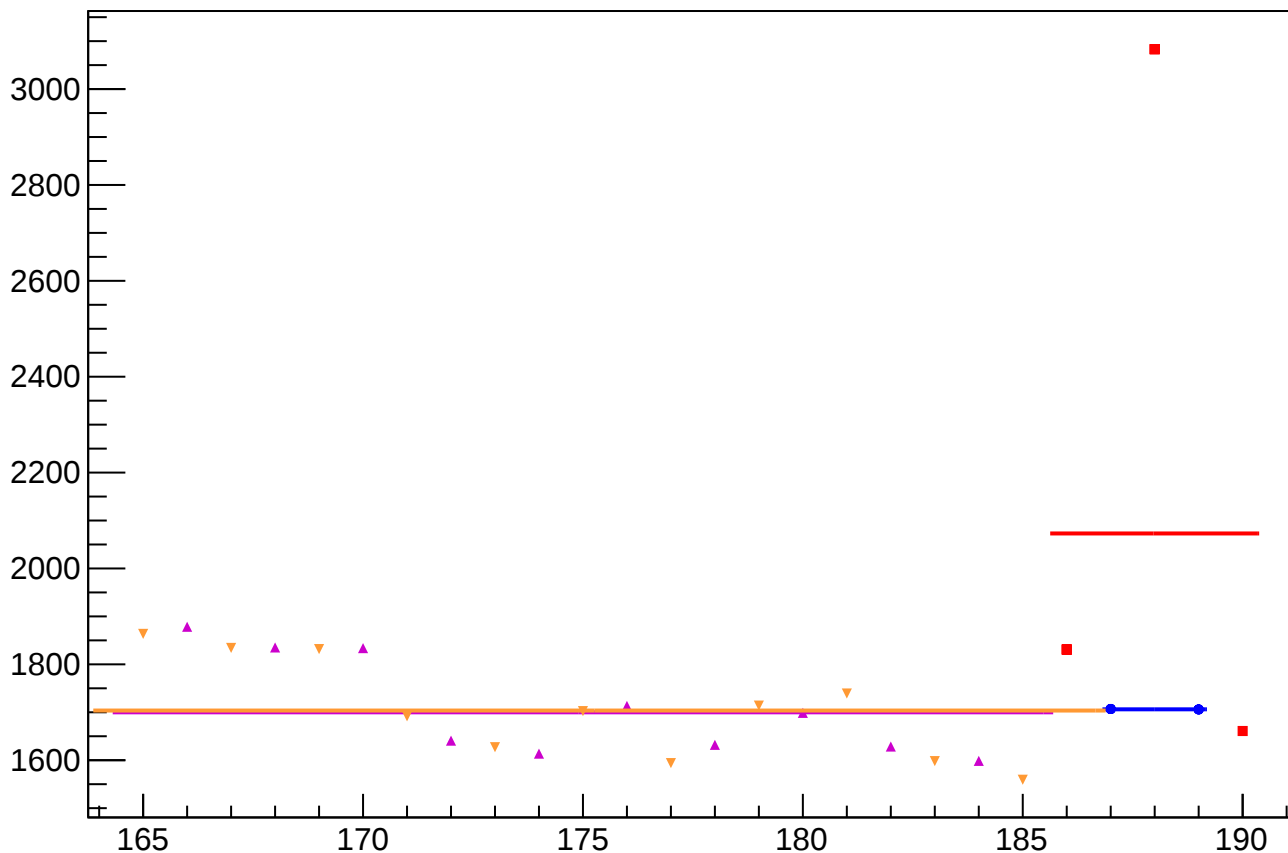
Right: -838.417 ± 1078.563 $\chi^2/\text{NDF}: 2.6/8$

In: 1625.126 ± 587.157 $\chi^2/\text{NDF}: 17.1/13$

Out: -12.437 ± 568.669 $\chi^2/\text{NDF}: 11.6/15$

All: 780.158 ± 408.489 $\chi^2/\text{NDF}: 32.8/29$

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left: 1701.830+/-0.312 χ^2/NDF : 87399.0/20

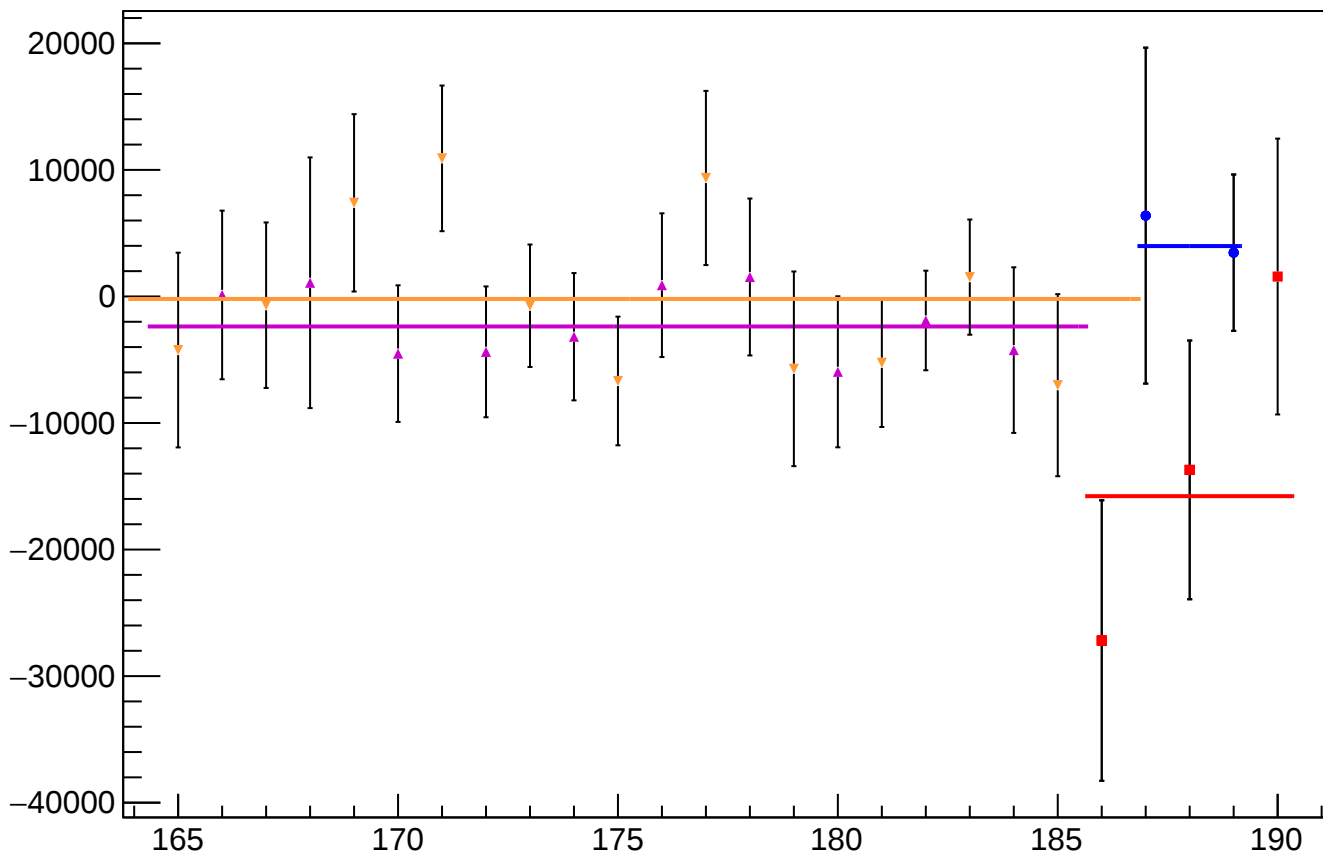
Right: 1890.120+/-0.763 χ^2/NDF : 319403.6/8

In: 1700.822+/-0.415 χ^2/NDF : 41822.4/13

Out: 1755.117+/-0.402 χ^2/NDF : 408366.2/15

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

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left: -1284.367 $\pm$ 1256.074 χ^2 /NDF: 13.8/20

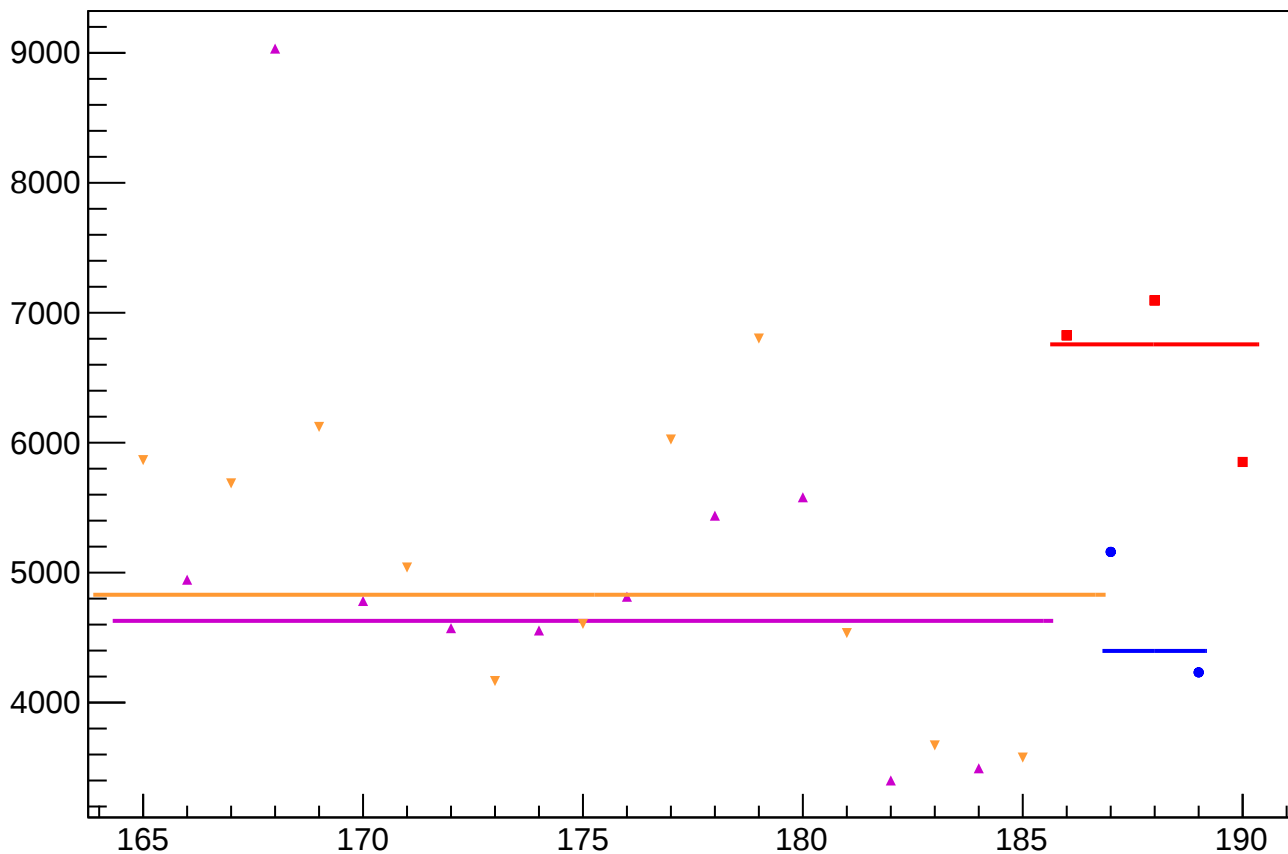
Right: -4069.729 $\pm$ 3048.439 χ^2 /NDF: 15.0/8

In: -1307.906 $\pm$ 1620.383 χ^2 /NDF:4.0/13

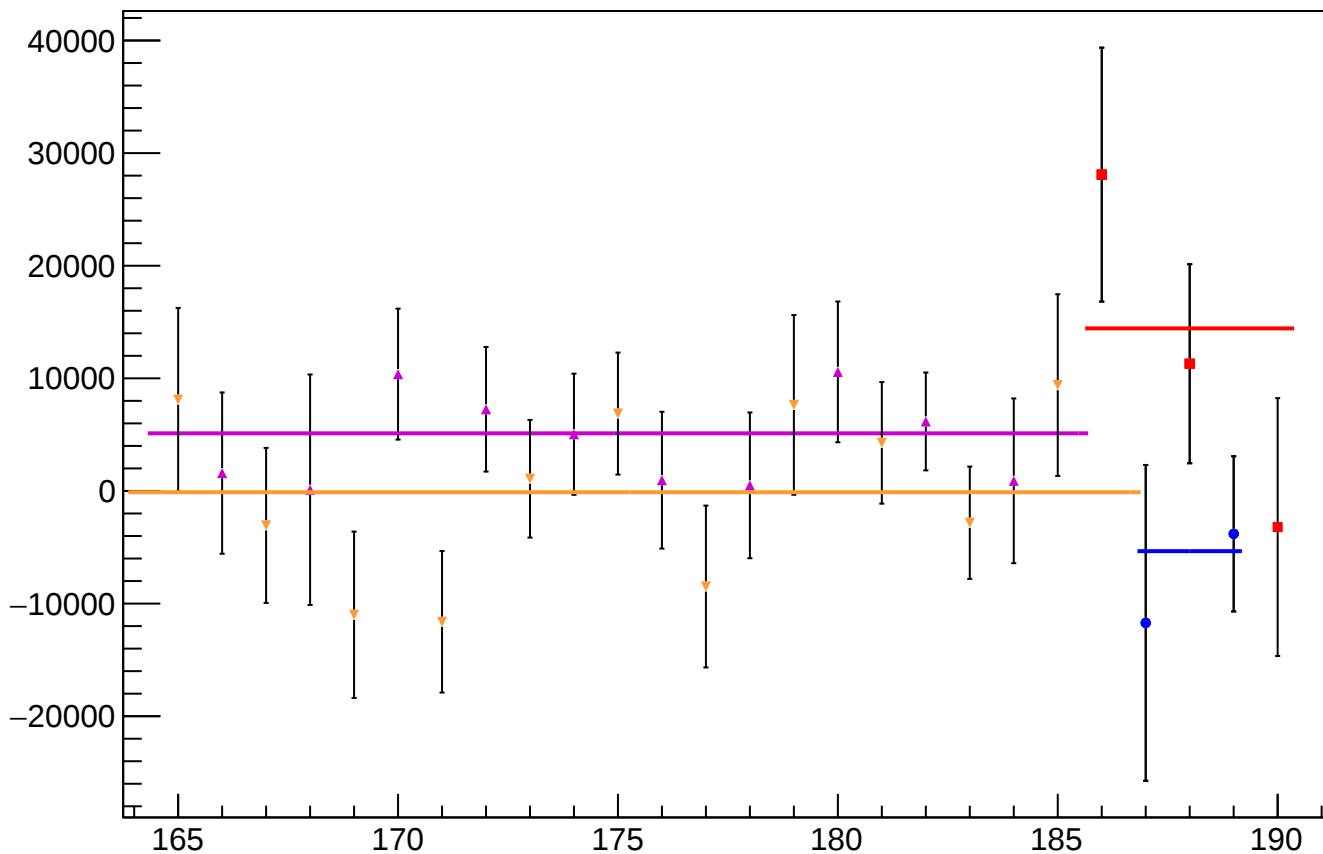
Out: -2090.755 $\pm$ 1665.339 χ^2 /NDF:25.4/15

All: -1688.621 $\pm$ 1161.352 χ^2 /NDF: 29.5/29

asym_atl_avg_correction_rms vs Slug, Sign Corrected



asym_atl_avg_mean vs Slug, Sign Corrected



Right In: -5345.848 ± 4372.837 $\chi^2/\text{NDF}: 0.5/3$

Left Out: -112.012 ± 1905.097 $\chi^2/\text{NDF}: 13.1/10$

Right Out: 14434.382 ± 4518.907 $\chi^2/\text{NDF}: 5.6/4$

Left In: 5115.575 ± 1910.185 $\chi^2/\text{NDF}: 3.6/9$

Left: 2494.810 ± 1348.902 $\chi^2/\text{NDF}: 20.4/20$

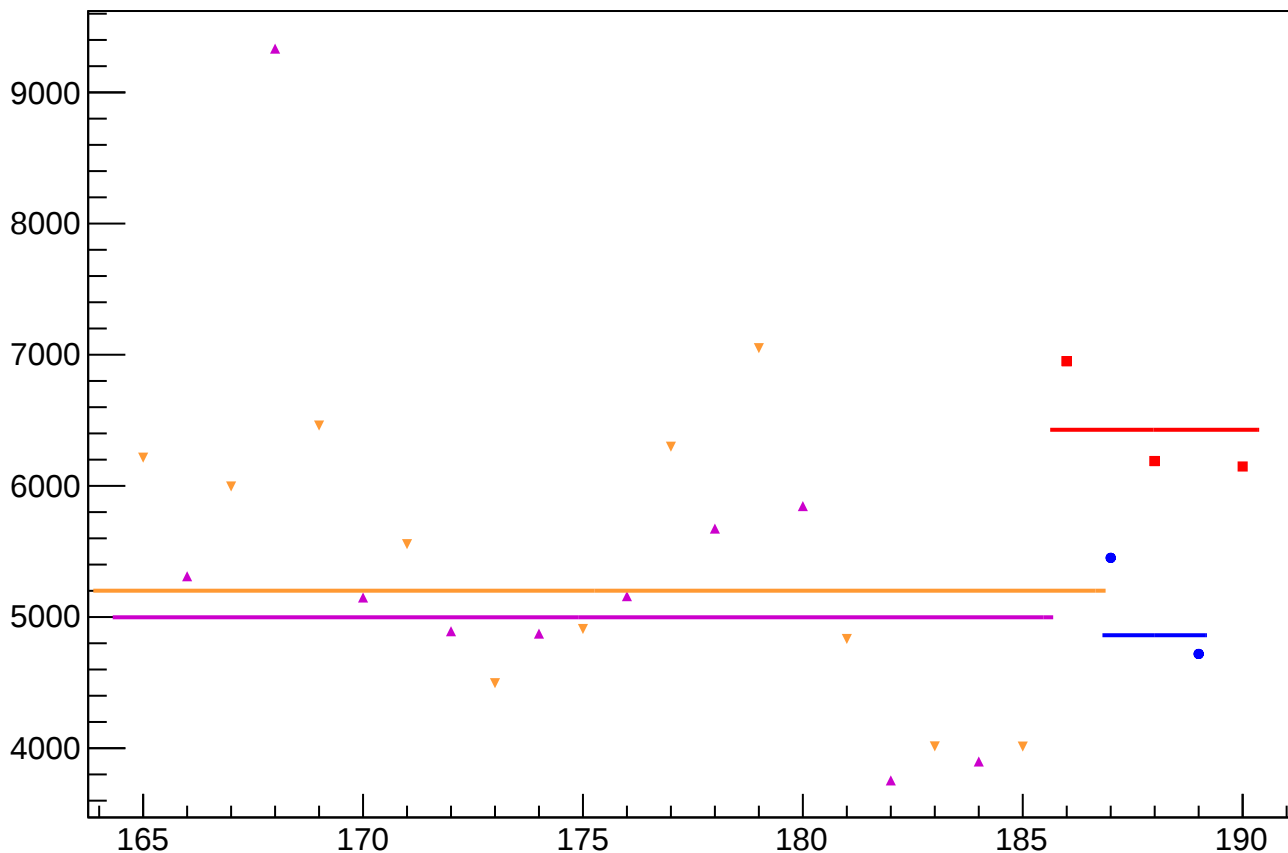
Right: 4219.414 ± 3142.434 $\chi^2/\text{NDF}: 16.0/8$

In: 3439.209 ± 1750.461 $\chi^2/\text{NDF}: 8.9/13$

Out: 2083.198 ± 1755.471 $\chi^2/\text{NDF}: 27.4/15$

All: 2763.142 ± 1239.530 $\chi^2/\text{NDF}: 36.6/29$

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 4861.293 $\pm$ 3.092 χ^2/NDF : 8793.4/3

Left Out: 5200.873 $\pm$ 1.347 χ^2/NDF : 484559.7/10

Right Out: 6427.775 $\pm$ 3.195 χ^2/NDF : 12724.1/4

Left In: 4998.123 $\pm$ 1.351 χ^2/NDF : 634920.2/9

Left: 5099.769 $\pm$ 0.954 χ^2/NDF : 1130776.0/20

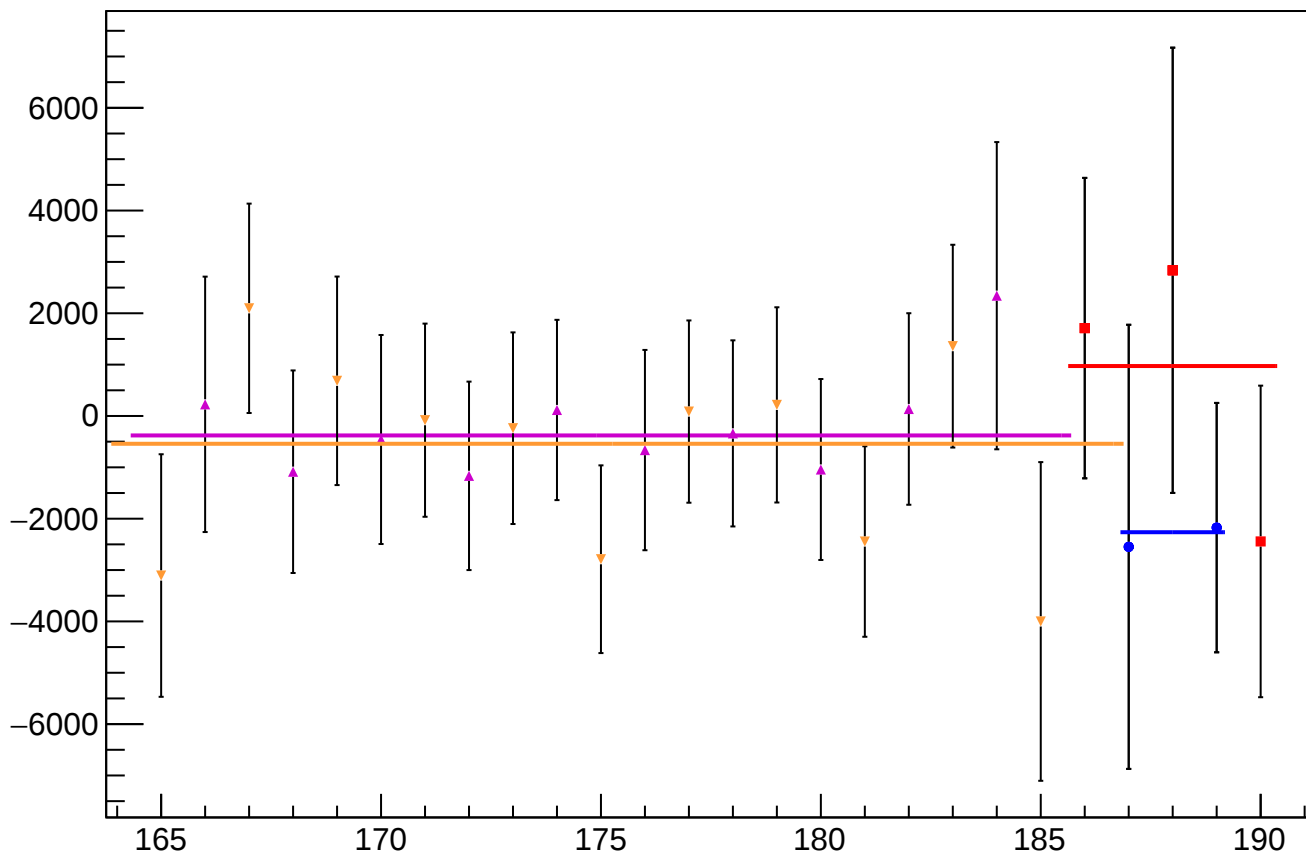
Right: 5618.808 $\pm$ 2.222 χ^2/NDF : 145631.1/8

In: 4976.197 $\pm$ 1.238 χ^2/NDF : 645358.0/13

Out: 5386.026 $\pm$ 1.241 χ^2/NDF : 622464.0/15

All: 5180.526 $\pm$ 0.876 χ^2/NDF : 1322480.5/29

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -2263.419 ± 1496.911 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -541.340 ± 600.021 $\chi^2/\text{NDF}: 8.3/10$

Right Out: 972.416 ± 1492.542 $\chi^2/\text{NDF}: 1.8/4$

Left In: -378.897 ± 623.652 $\chi^2/\text{NDF}: 1.5/9$

Left: -463.255 ± 432.392 $\chi^2/\text{NDF}: 9.9/20$

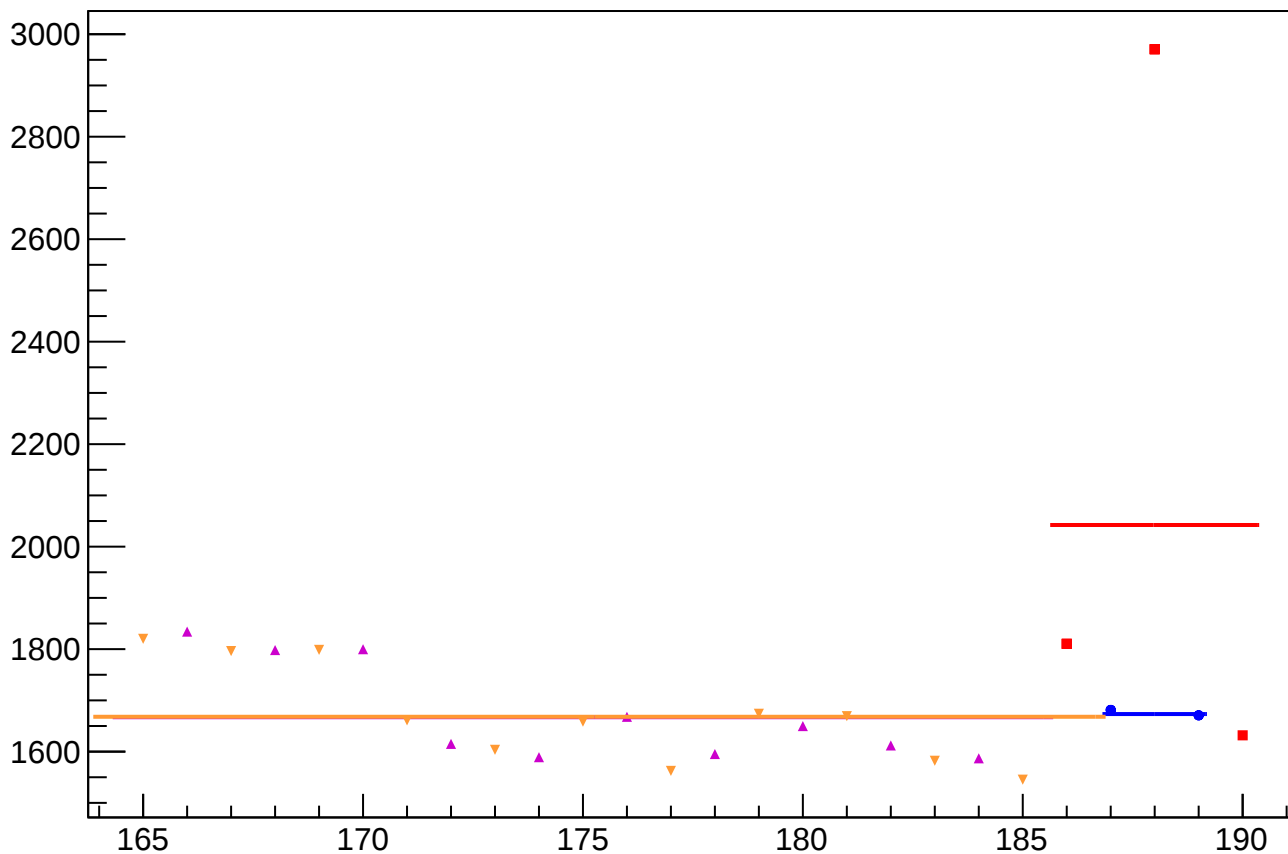
Right: -640.772 ± 1056.928 $\chi^2/\text{NDF}: 4.1/8$

In: -657.627 ± 575.687 $\chi^2/\text{NDF}: 2.9/13$

Out: -330.733 ± 556.718 $\chi^2/\text{NDF}: 11.0/15$

All: -488.705 ± 400.197 $\chi^2/\text{NDF}: 14.0/29$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left: 1667.600 ± 0.306 χ^2/NDF : 79416.1/20

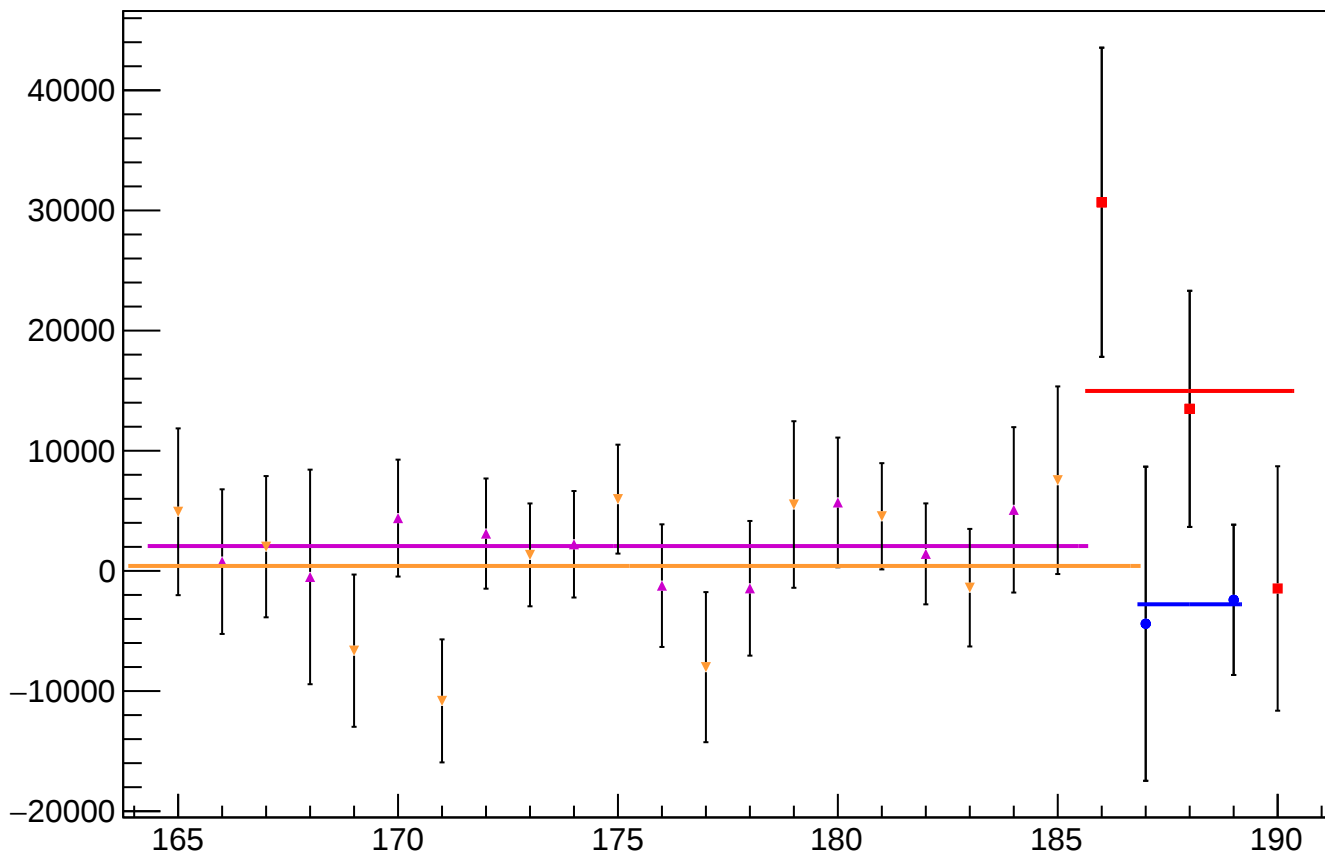
Right: 1858.336 ± 0.747 χ^2/NDF : 306174.2/8

In: 1668.052 ± 0.407 χ^2/NDF : 38491.3/13

Out: 1720.096 ± 0.394 χ^2/NDF : 394448.1/15

All: 1694.946 ± 0.283 χ^2/NDF : 441385.8/29

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -2778.570 ± 3988.882 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 413.119 ± 1639.975 $\chi^2/\text{NDF}: 12.3/10$

Right Out: 14976.494 ± 4853.057 $\chi^2/\text{NDF}: 5.6/4$

Left In: 2068.484 ± 1659.301 $\chi^2/\text{NDF}: 1.9/9$

Left: 1231.105 ± 1166.410 $\chi^2/\text{NDF}: 14.7/20$

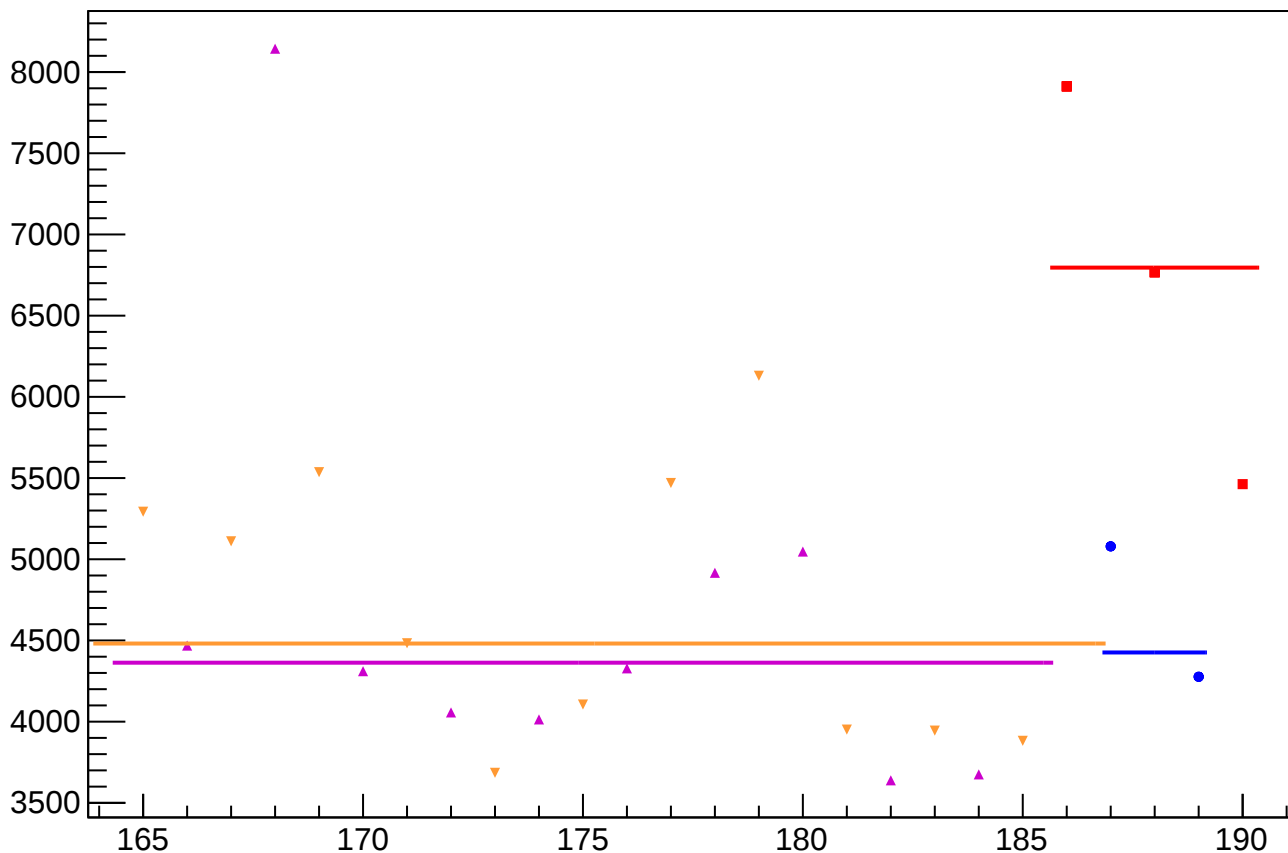
Right: 4380.075 ± 3081.553 $\chi^2/\text{NDF}: 13.7/8$

In: 1353.473 ± 1532.035 $\chi^2/\text{NDF}: 3.2/13$

Out: 1905.724 ± 1553.663 $\chi^2/\text{NDF}: 26.0/15$

All: 1625.728 ± 1090.878 $\chi^2/\text{NDF}: 29.3/29$

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4426.064 $\pm$ 2.821 χ^2/NDF : 12278.6/3

Left Out: 4481.089 $\pm$ 1.160 χ^2/NDF : 416466.8/10

Right Out: 6795.829 $\pm$ 3.432 χ^2/NDF : 64481.4/4

Left In: 4363.093 $\pm$ 1.173 χ^2/NDF : 511921.8/9

Left: 4422.782 $\pm$ 0.825 χ^2/NDF : 933504.7/20

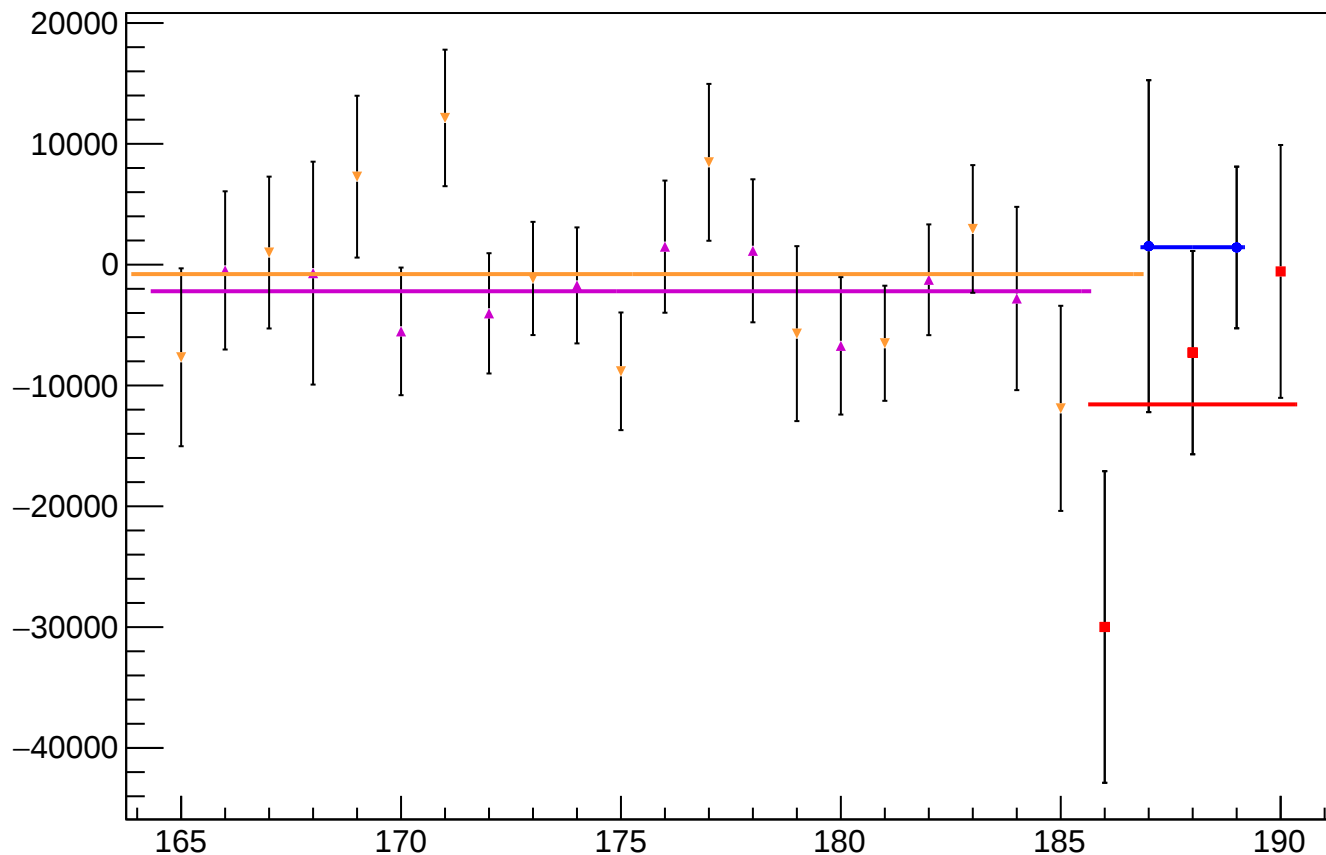
Right: 5381.527 $\pm$ 2.179 χ^2/NDF : 361367.6/8

In: 4372.382 $\pm$ 1.083 χ^2/NDF : 524625.3/13

Out: 4718.327 $\pm$ 1.099 χ^2/NDF : 889307.8/15

All: 4542.930 $\pm$ 0.771 χ^2/NDF : 1464207.4/29

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 1443.539+/-4252.252 χ^2/NDF : 0.0/3

Left Out: -781.614+/-1763.115 χ^2/NDF :16.5/10

Right Out: -11565.085+/-4498.128 χ^2/NDF : 5.7/4

Left In: -2200.776+/-1788.774 χ^2/NDF :2.1/9

Left: -1480.944+/-1255.684 χ^2/NDF : 18.9/20

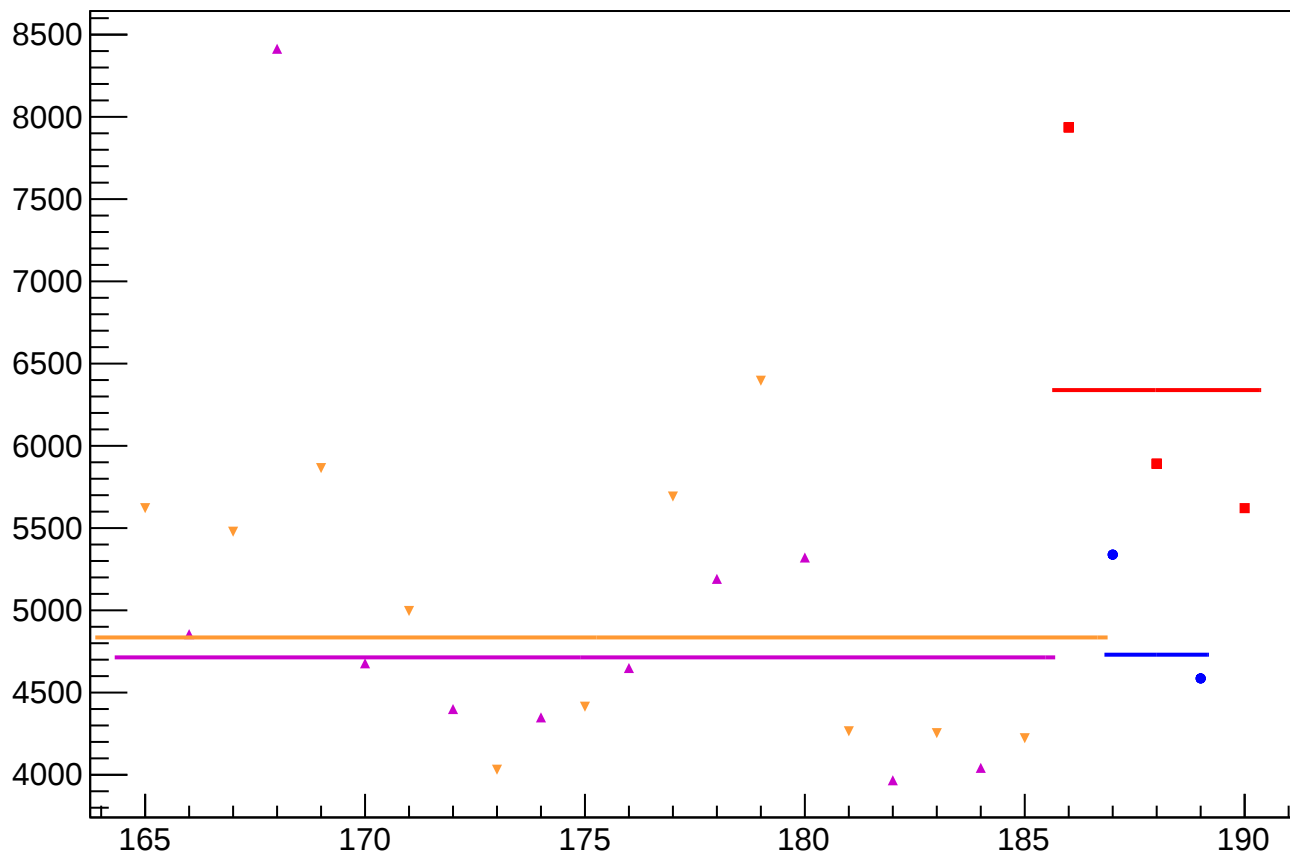
Right: -4695.532+/-3090.064 χ^2/NDF : 10.1/8

In: -1652.843+/-1648.826 χ^2/NDF :2.7/13

Out: -2217.722+/-1641.519 χ^2/NDF :27.2/15

All: -1936.537+/-1163.304 χ^2/NDF : 30.0/29

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 4730.262 $\pm$ 3.007 χ^2/NDF : 9708.0/3

Left Out: 4835.123 $\pm$ 1.247 χ^2/NDF : 357607.6/10

Right Out: 6338.981 $\pm$ 3.181 χ^2/NDF : 82112.0/4

Left In: 4713.938 $\pm$ 1.265 χ^2/NDF : 447211.5/9

Left: 4775.406 $\pm$ 0.888 χ^2/NDF : 809475.2/20

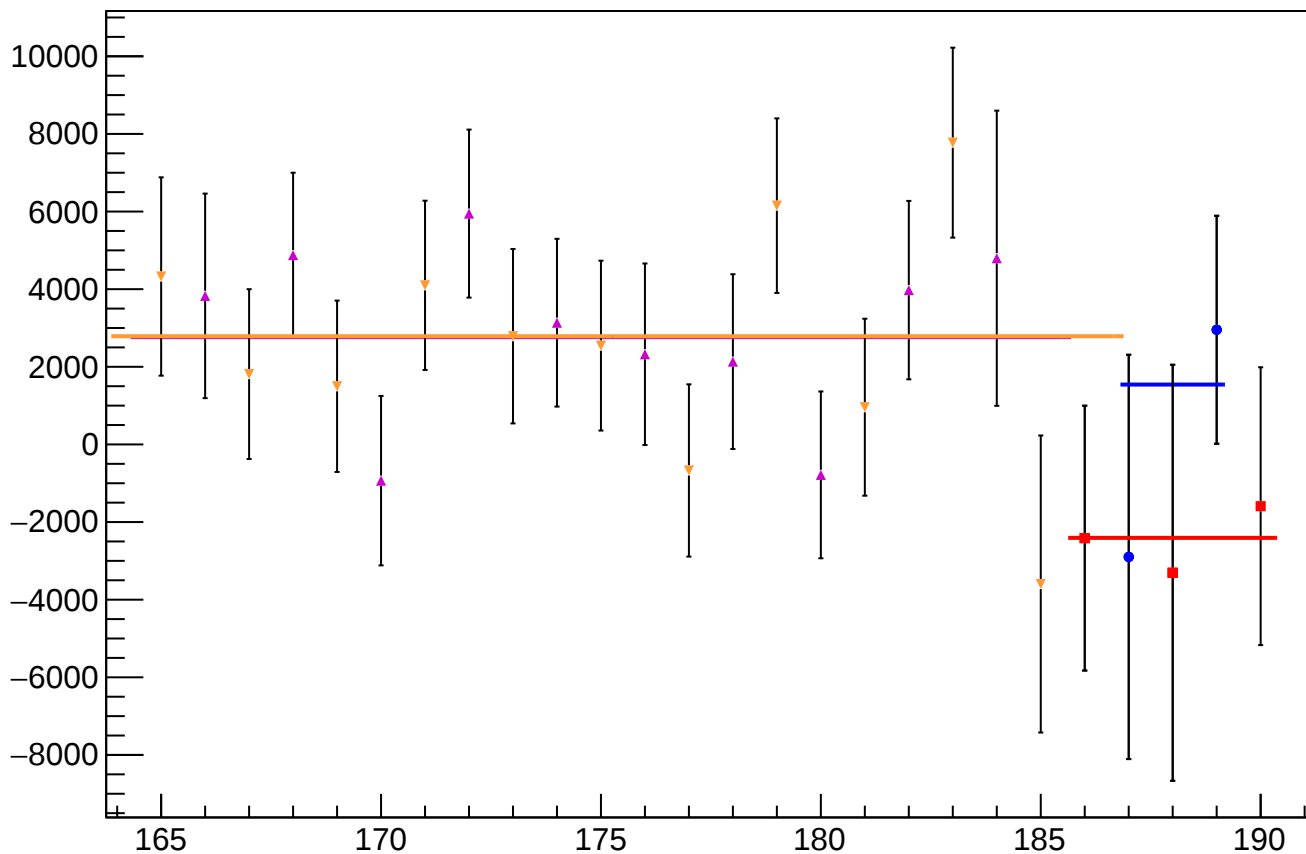
Right: 5489.454 $\pm$ 2.185 χ^2/NDF : 226910.1/8

In: 4716.392 $\pm$ 1.166 χ^2/NDF : 456944.5/13

Out: 5035.402 $\pm$ 1.161 χ^2/NDF : 633500.1/15

All: 4876.606 $\pm$ 0.823 χ^2/NDF : 1128044.2/29

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left: 2777.064+/-508.230 χ^2/NDF : 23.1/20

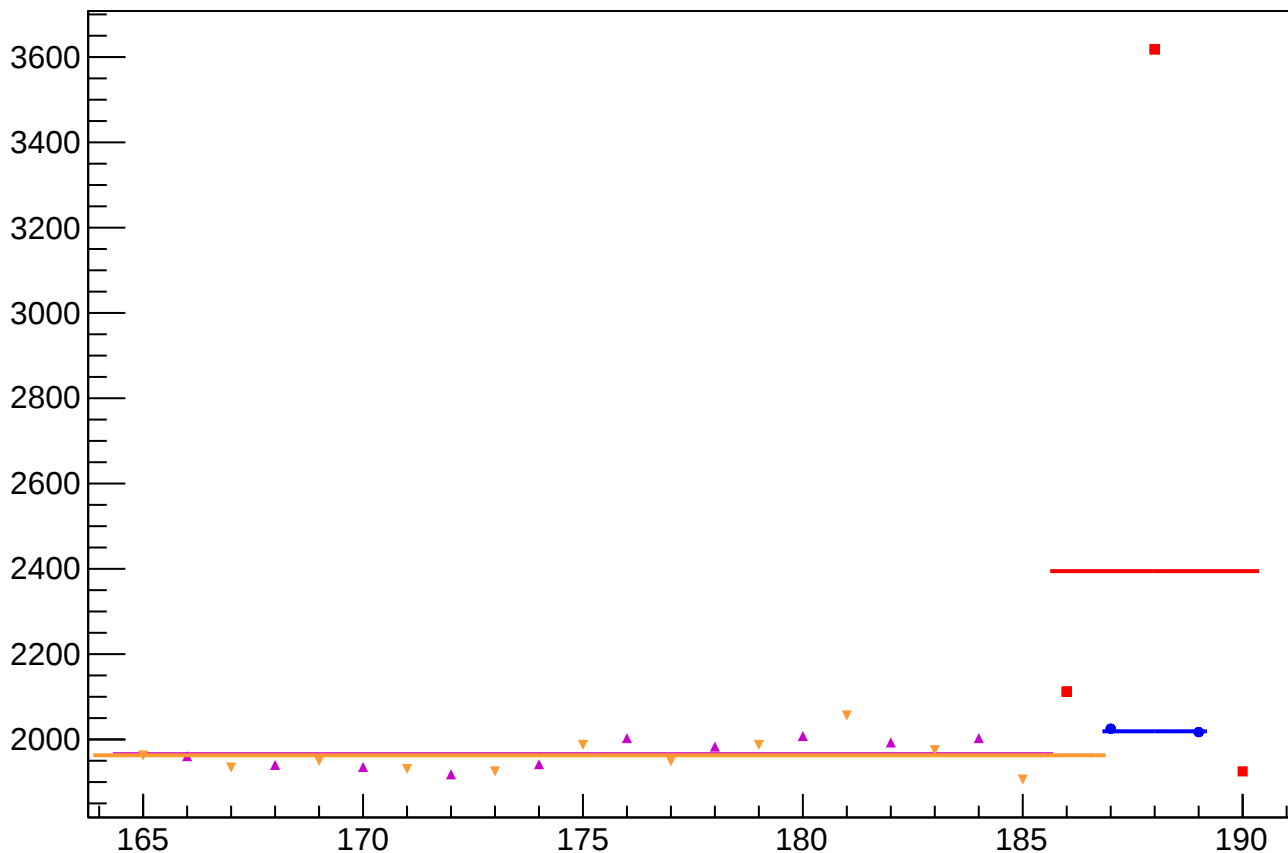
Right: -476.058+/-1264.753 χ^2/NDF : 4.5/8

In: 2592.501+/-679.751 χ^2/NDF :11.9/13

Out: 2076.394+/-654.778 χ^2/NDF :21.1/15

All: 2324.793+/-471.580 χ^2/NDF : 33.3/29

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2019.063 $\pm$ 1.279 χ^2 /NDF: 7.2/3

Left Out: 1962.867 $\pm$ 0.498 χ^2 /NDF:5829.5/10

Right Out: 2394.628 $\pm$ 1.251 χ^2 /NDF: 270360.0/4

Left In: 1965.347 $\pm$ 0.519 χ^2 /NDF:3769.5/9

Left: 1964.058 $\pm$ 0.359 χ^2 /NDF: 9610.9/20

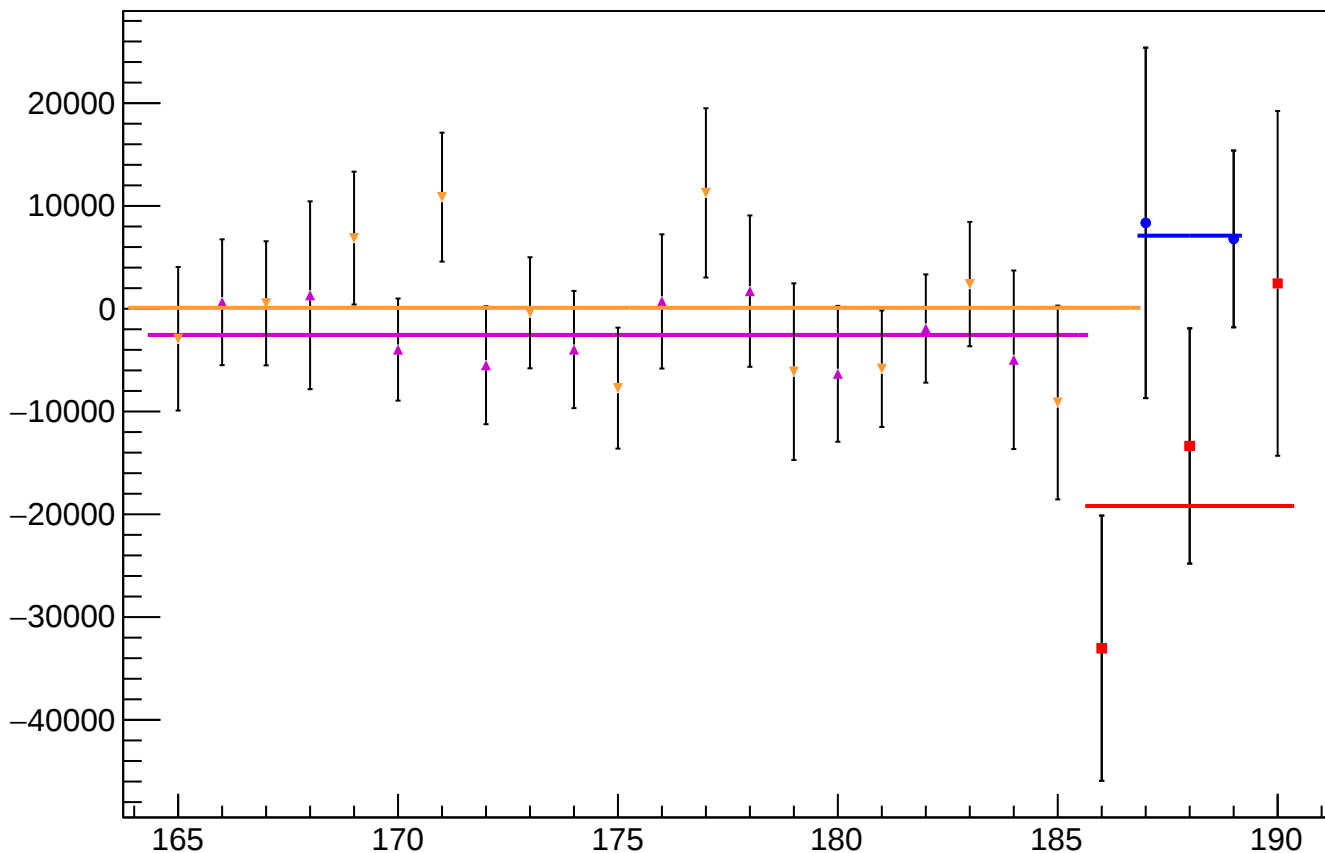
Right: 2210.992 $\pm$ 0.894 χ^2 /NDF: 314434.6/8

In: 1972.934 $\pm$ 0.481 χ^2 /NDF:5291.6/13

Out: 2022.006 $\pm$ 0.463 χ^2 /NDF:378987.6/15

All: 1998.388 $\pm$ 0.333 χ^2 /NDF: 389685.8/29

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 7108.035+/-5428.884 χ^2/NDF : 0.0/3

Left Out: 90.313+/-1966.995 χ^2/NDF :10.6/10

Right Out: -19193.171+/-5694.046 χ^2/NDF : 4.5/4

Left In: -2552.985+/-1982.598 χ^2/NDF :1.9/9

Left: -1220.894+/-1396.359 χ^2/NDF : 13.3/20

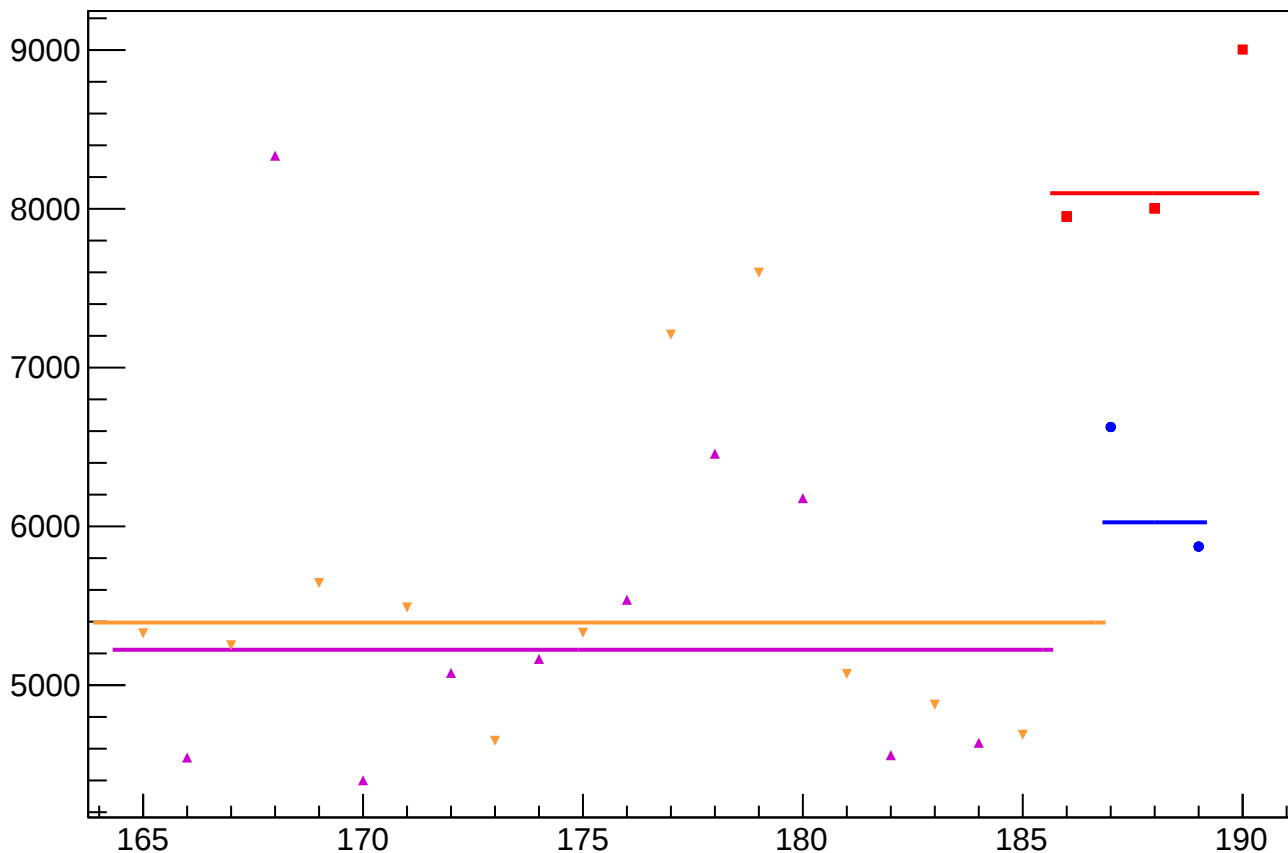
Right: -5415.926+/-3929.198 χ^2/NDF : 15.7/8

In: -1416.142+/-1862.299 χ^2/NDF :4.7/13

Out: -1965.533+/-1859.188 χ^2/NDF :25.3/15

All: -1691.296+/-1315.743 χ^2/NDF : 30.0/29

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Left: 5309.512 $\pm$ 0.987 χ^2/NDF : 767729.4/20

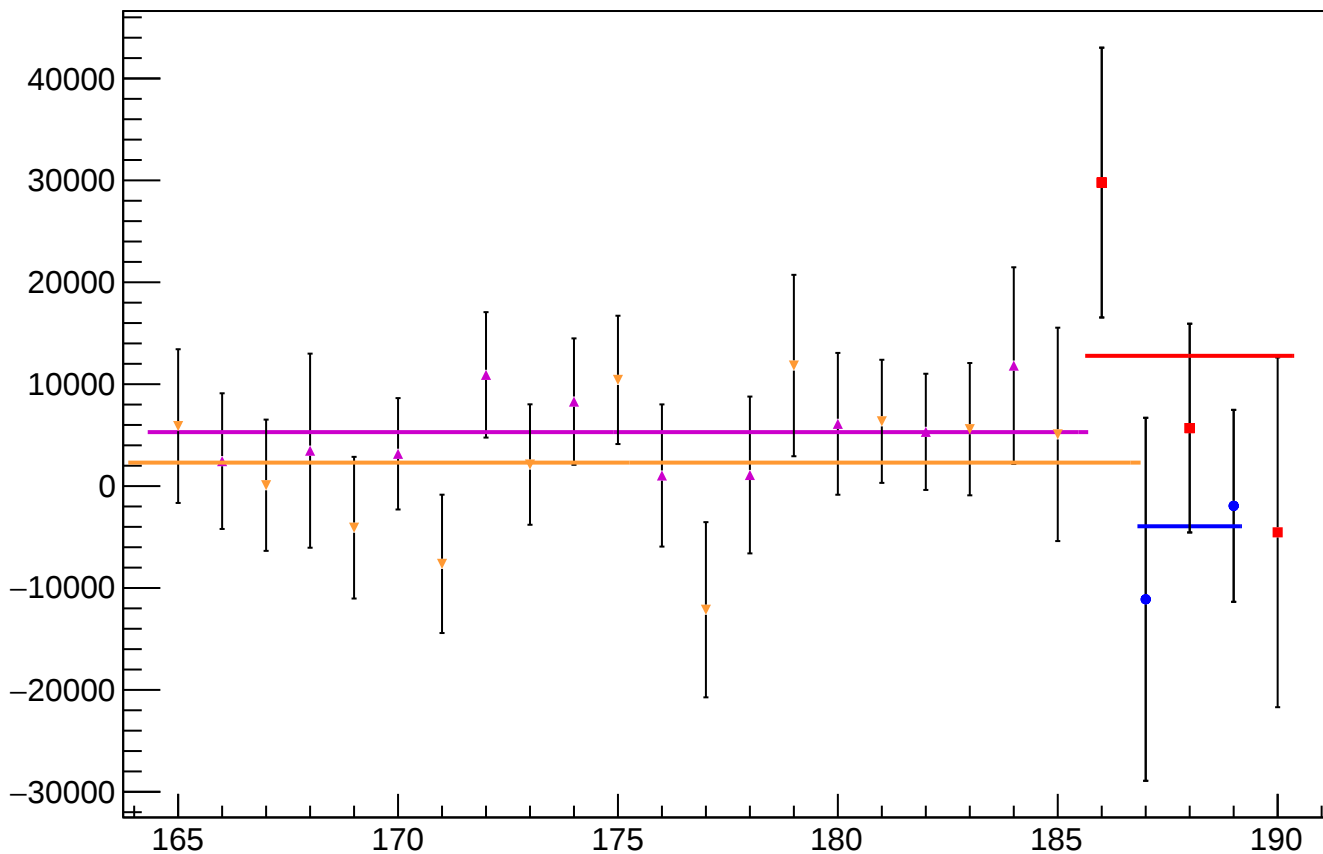
Right: 7012.531 $\pm$ 2.778 χ^2/NDF : 151635.5/8

In: 5317.456 $\pm$ 1.317 χ^2/NDF : 501008.9/13

Out: 5682.887 $\pm$ 1.315 χ^2/NDF : 713373.6/15

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

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: -3942.837 $\pm$ 5887.477 χ^2/NDF : 0.4/3

Left Out: 2304.653 $\pm$ 2111.232 χ^2/NDF : 9.7/10

Right Out: 12782.994 $\pm$ 5433.147 χ^2/NDF : 5.3/4

Left In: 5296.231 $\pm$ 2136.584 χ^2/NDF : 2.6/9

Left: 3782.588 $\pm$ 1501.749 χ^2/NDF : 13.3/20

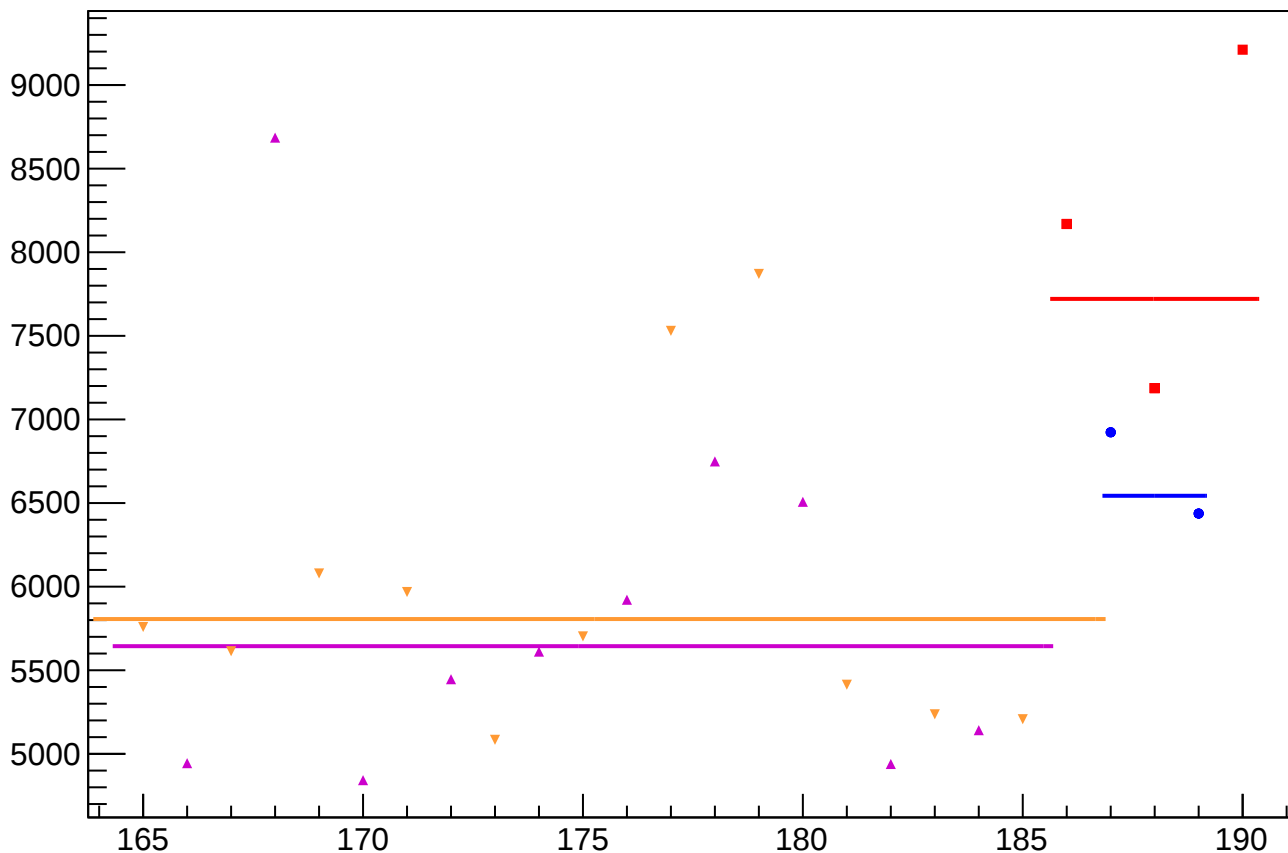
Right: 5090.256 $\pm$ 3992.784 χ^2/NDF : 10.0/8

In: 4221.057 $\pm$ 2008.420 χ^2/NDF : 5.2/13

Out: 3679.287 $\pm$ 1967.881 χ^2/NDF : 18.2/15

All: 3944.649 $\pm$ 1405.616 χ^2/NDF : 23.5/29

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left: 5726.168 $\pm$ 1.062 χ^2/NDF : 643063.4/20

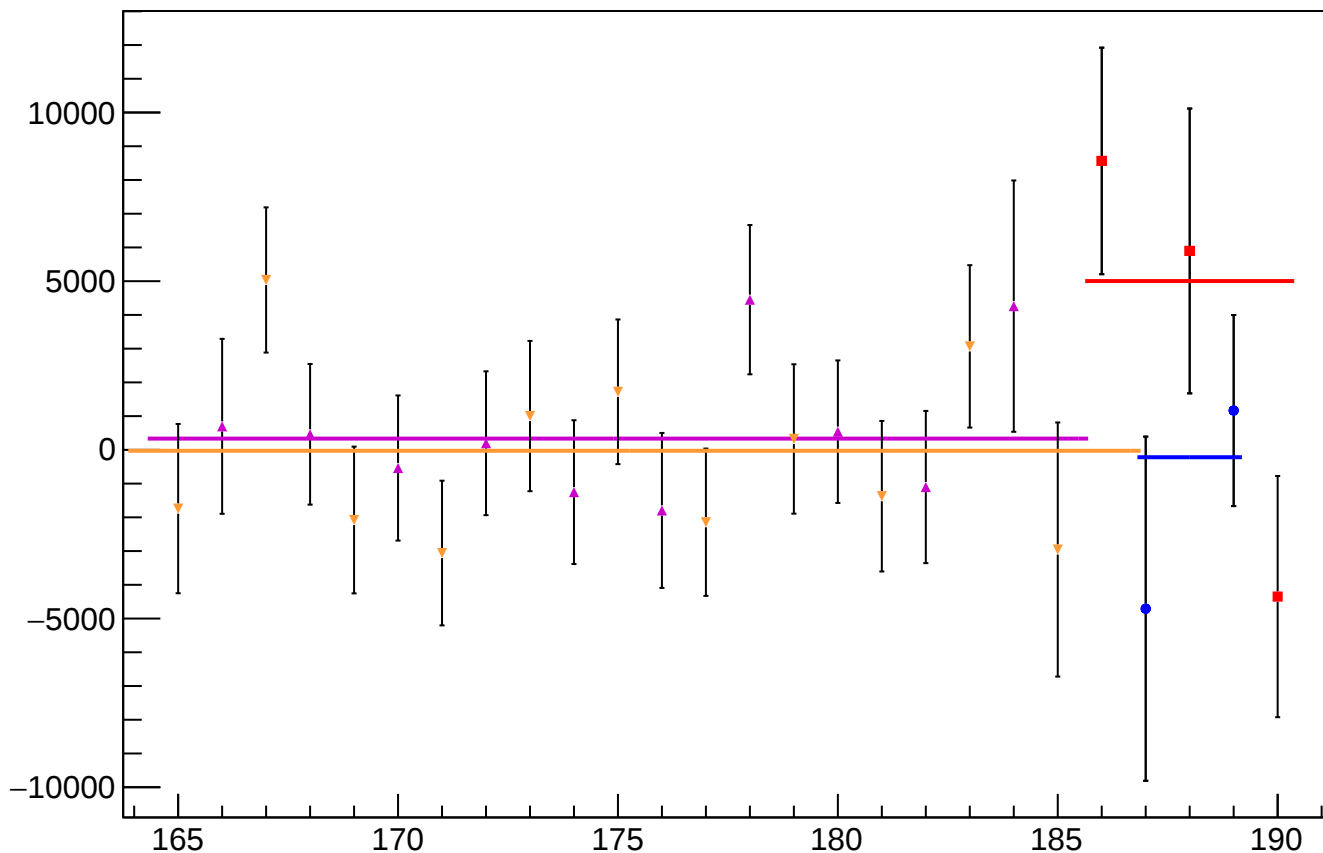
Right: 7179.407 $\pm$ 2.823 χ^2/NDF : 76052.3/8

In: 5748.736 $\pm$ 1.420 χ^2/NDF : 425965.5/13

Out: 6057.508 $\pm$ 1.392 χ^2/NDF : 501140.7/15

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

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -218.067 ± 1750.784 $\chi^2/\text{NDF}: 2.0/3$

Left Out: -26.961 ± 693.304 $\chi^2/\text{NDF}: 13.4/10$

Right Out: 5003.820 ± 1648.722 $\chi^2/\text{NDF}: 9.2/4$

Left In: 333.823 ± 721.348 $\chi^2/\text{NDF}: 6.6/9$

Left: 146.282 ± 499.860 $\chi^2/\text{NDF}: 20.1/20$

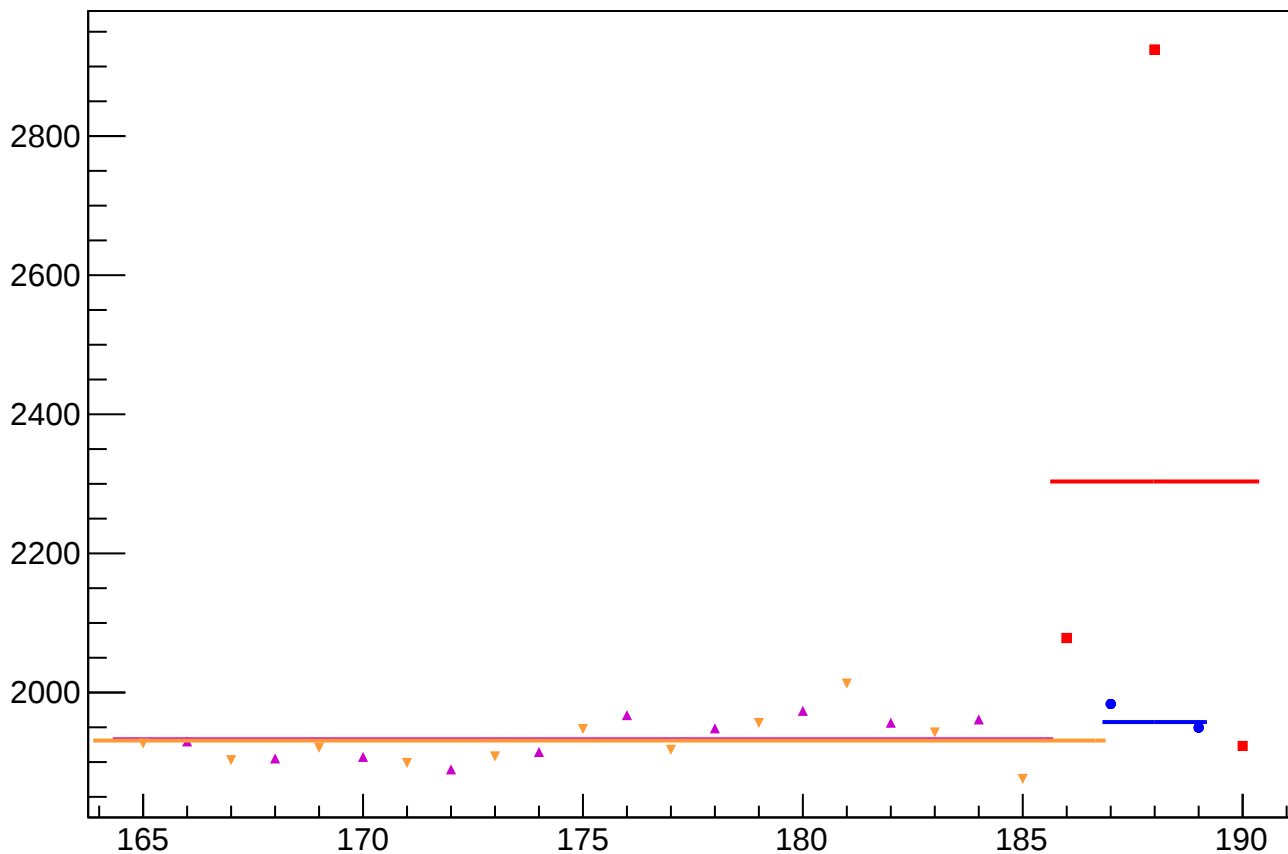
Right: 2549.510 ± 1200.283 $\chi^2/\text{NDF}: 15.9/8$

In: 253.732 ± 666.956 $\chi^2/\text{NDF}: 8.7/13$

Out: 728.957 ± 639.097 $\chi^2/\text{NDF}: 30.5/15$

All: 501.477 ± 461.445 $\chi^2/\text{NDF}: 39.4/29$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1957.533 $\pm$ 1.238 χ^2/NDF : 136.3/3

Left Out: 1930.926 $\pm$ 0.490 χ^2/NDF : 4680.2/10

Right Out: 2303.399 $\pm$ 1.166 χ^2/NDF : 127070.6/4

Left In: 1932.736 $\pm$ 0.510 χ^2/NDF : 3247.5/9

Left: 1931.795 $\pm$ 0.353 χ^2/NDF : 7934.2/20

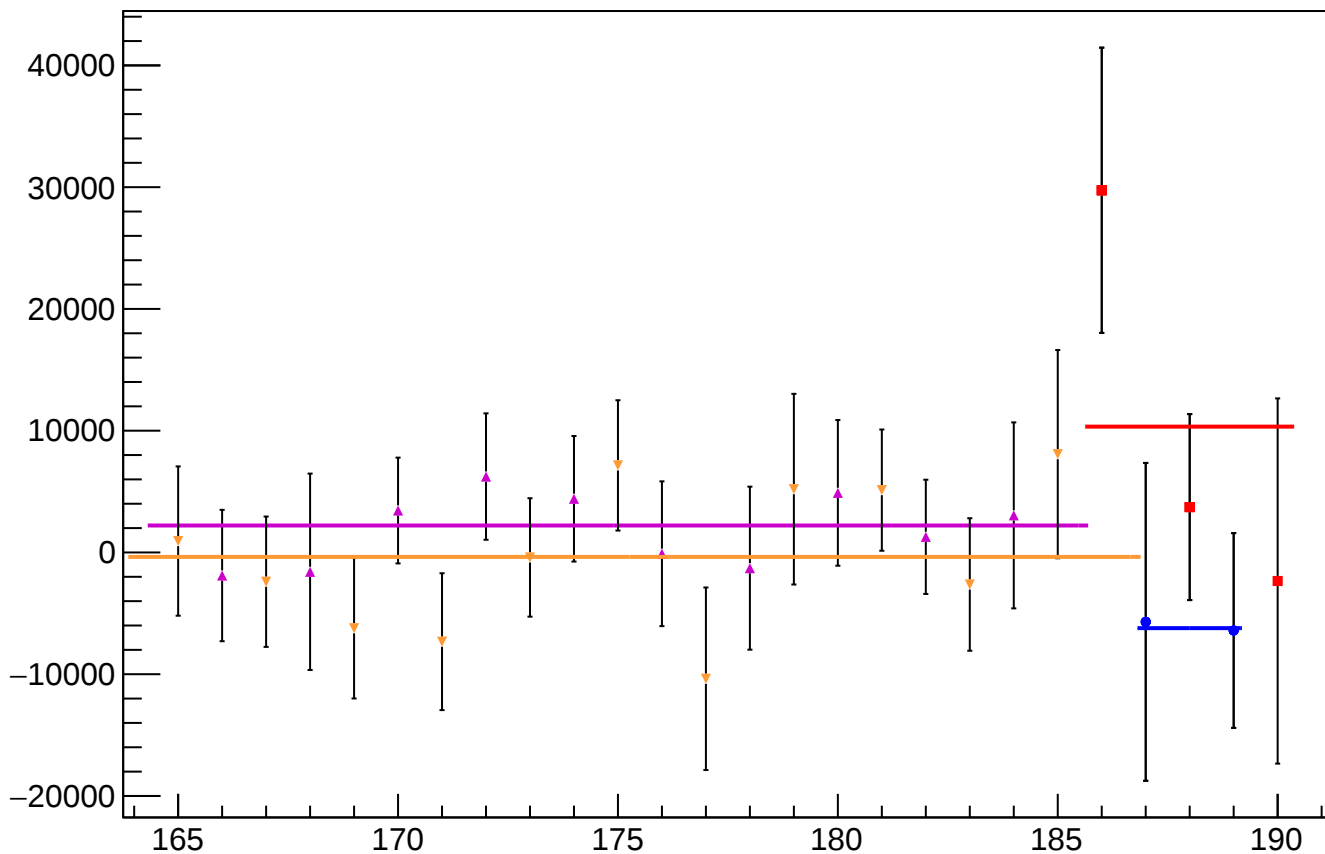
Right: 2140.840 $\pm$ 0.849 χ^2/NDF : 168573.8/8

In: 1936.334 $\pm$ 0.472 χ^2/NDF : 3726.7/13

Out: 1986.893 $\pm$ 0.452 χ^2/NDF : 218489.3/15

All: 1962.692 $\pm$ 0.326 χ^2/NDF : 228207.5/29

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -6216.411 $\pm$ 4822.685 χ^2 /NDF: 0.0/3

Left Out: -364.975 $\pm$ 1761.397 χ^2 /NDF: 9.4/10

Right Out: 10333.680 $\pm$ 4331.247 χ^2 /NDF: 7.7/4

Left In: 2214.063 $\pm$ 1771.564 χ^2 /NDF: 2.3/9

Left: 917.122 $\pm$ 1249.075 χ^2 /NDF: 12.8/20

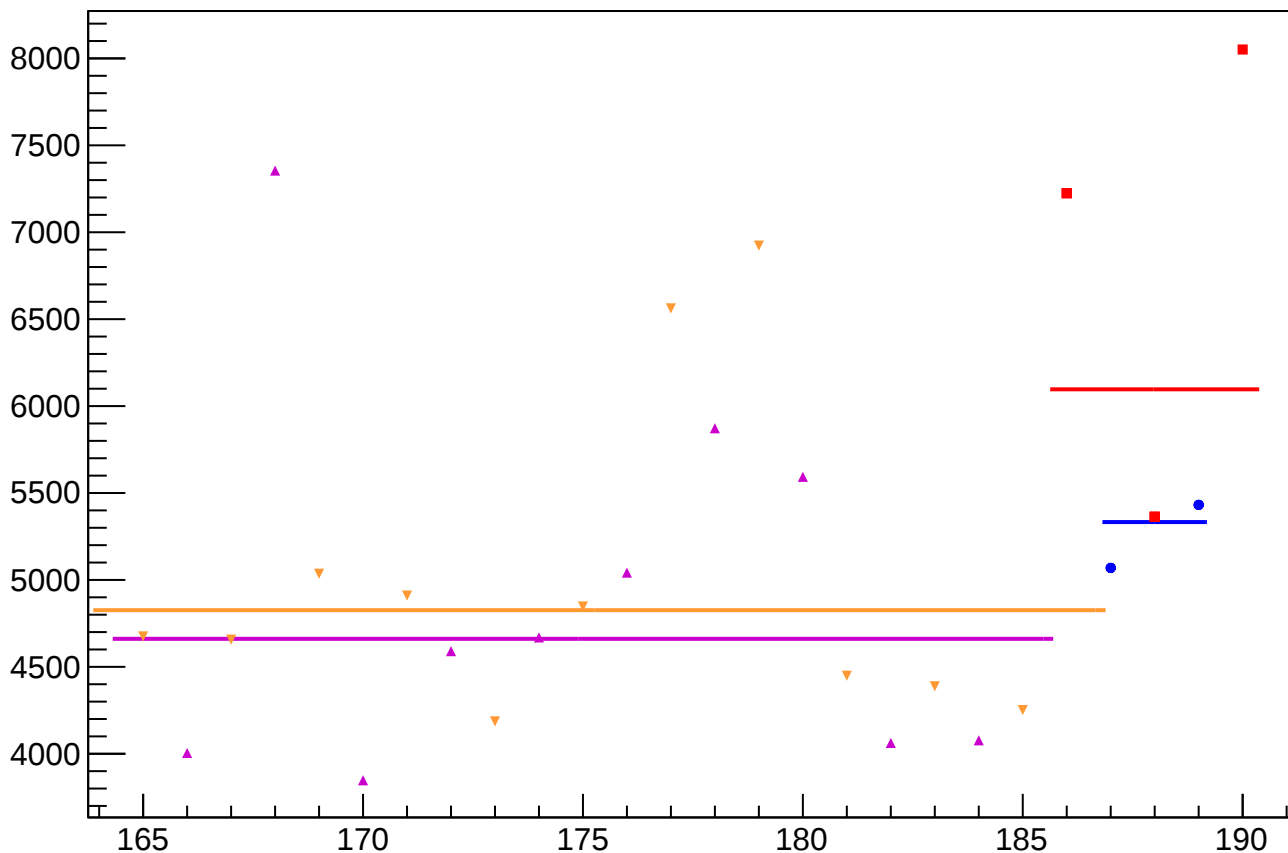
Right: 2944.589 $\pm$ 3222.435 χ^2 /NDF: 14.2/8

In: 1211.722 $\pm$ 1662.917 χ^2 /NDF: 5.0/13

Out: 1153.297 $\pm$ 1631.635 χ^2 /NDF: 22.3/15

All: 1181.955 $\pm$ 1164.643 χ^2 /NDF: 27.4/29

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left: 4744.126 $\pm$ 0.883 χ^2/NDF : 823564.7/20

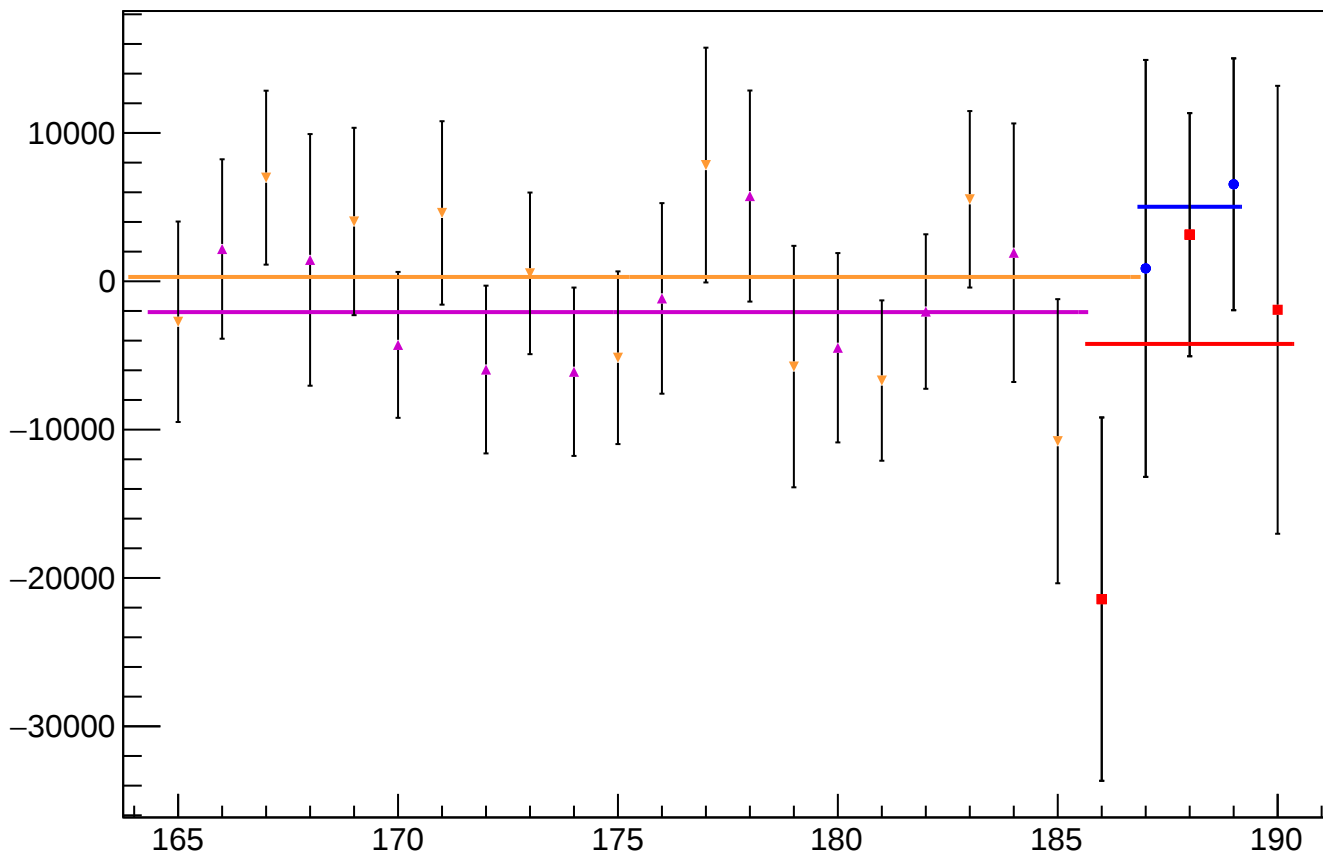
Right: 5755.606 $\pm$ 2.279 χ^2/NDF : 137919.6/8

In: 4741.101 $\pm$ 1.176 χ^2/NDF : 526171.9/13

Out: 5006.357 $\pm$ 1.154 χ^2/NDF : 580695.9/15

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

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left: -877.904+/-1369.308 χ^2/NDF : 12.6/20

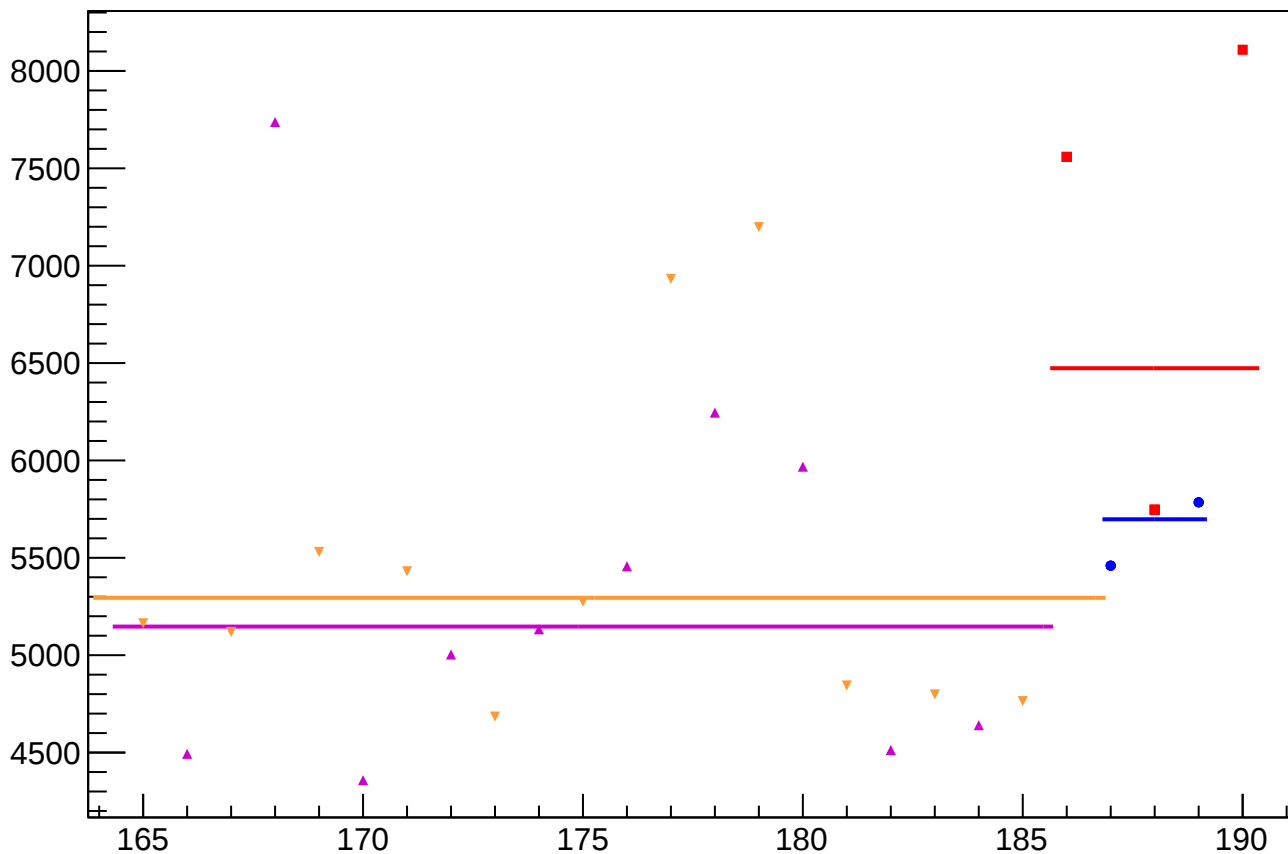
Right: -119.528+/-3422.369 χ^2/NDF : 7.6/8

In: -1184.346+/-1821.652 χ^2/NDF : 5.3/13

Out: -382.902+/-1775.099 χ^2/NDF : 14.9/15

All: -773.253+/-1271.324 χ^2/NDF : 20.3/29

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5697.906 $\pm$ 3.633 χ^2/NDF : 1567.6/3

Left Out: 5294.662 $\pm$ 1.361 χ^2/NDF :260303.9/10

Right Out: 6473.691 $\pm$ 3.245 χ^2/NDF : 86297.4/4

Left In: 5146.891 $\pm$ 1.378 χ^2/NDF :384400.8/9

Left: 5221.663 $\pm$ 0.968 χ^2/NDF : 650526.9/20

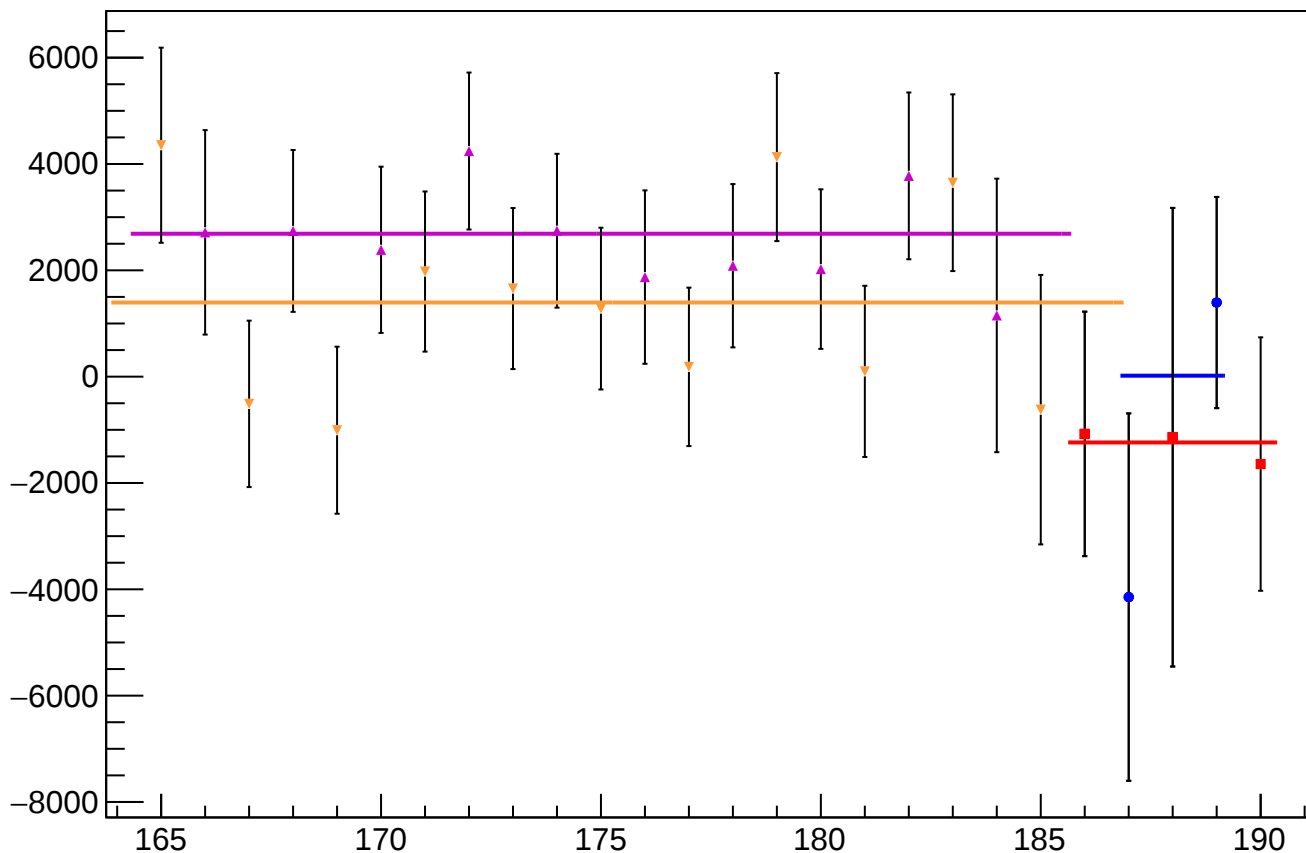
Right: 6129.477 $\pm$ 2.420 χ^2/NDF : 113231.3/8

In: 5216.159 $\pm$ 1.288 χ^2/NDF :406080.0/13

Out: 5471.114 $\pm$ 1.255 χ^2/NDF :458888.1/15

All: 5346.936 $\pm$ 0.899 χ^2/NDF : 885063.4/29

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 2.6/9$

Left: 2015.471 ± 353.053 $\chi^2/\text{NDF}: 19.3/20$

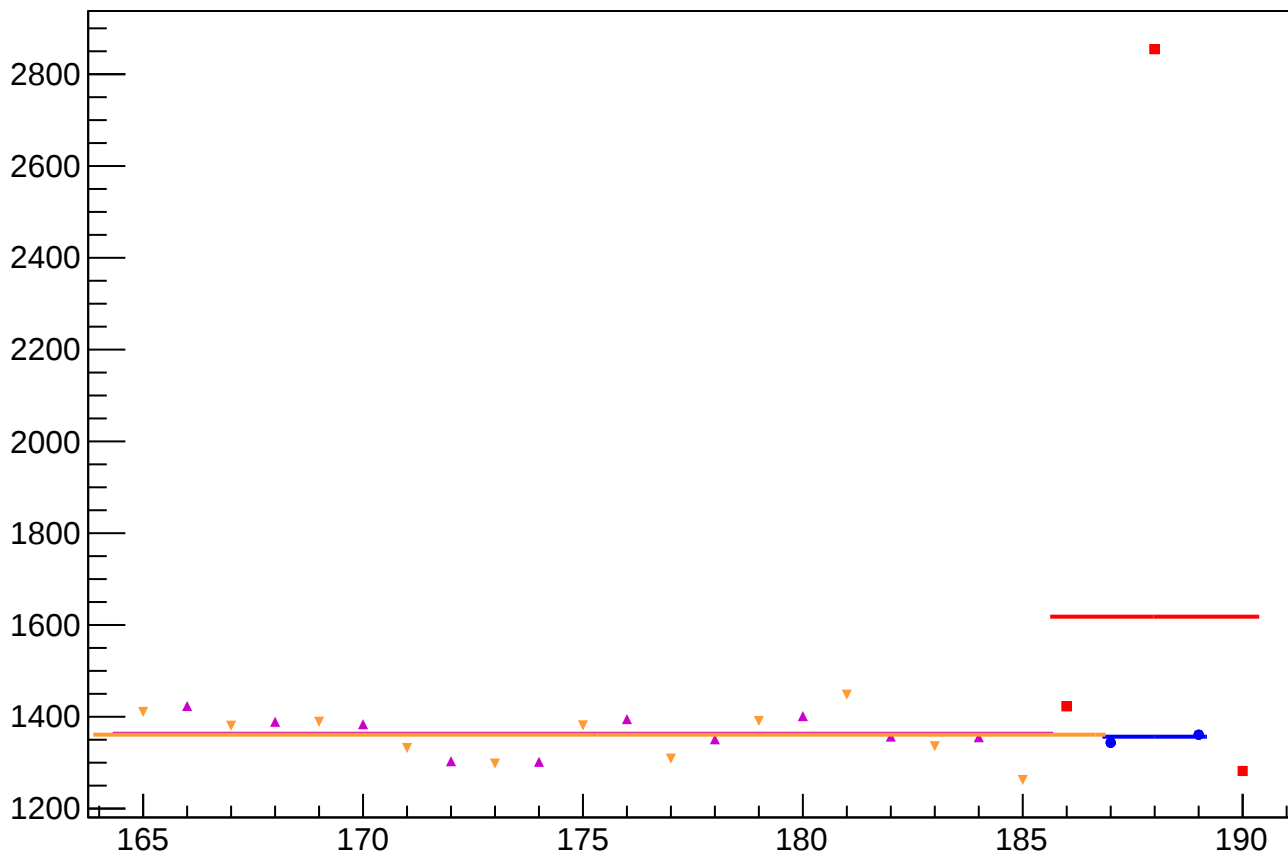
Right: -603.808 ± 865.031 $\chi^2/\text{NDF}: 4.4/8$

In: 2290.180 ± 470.173 $\chi^2/\text{NDF}: 10.5/13$

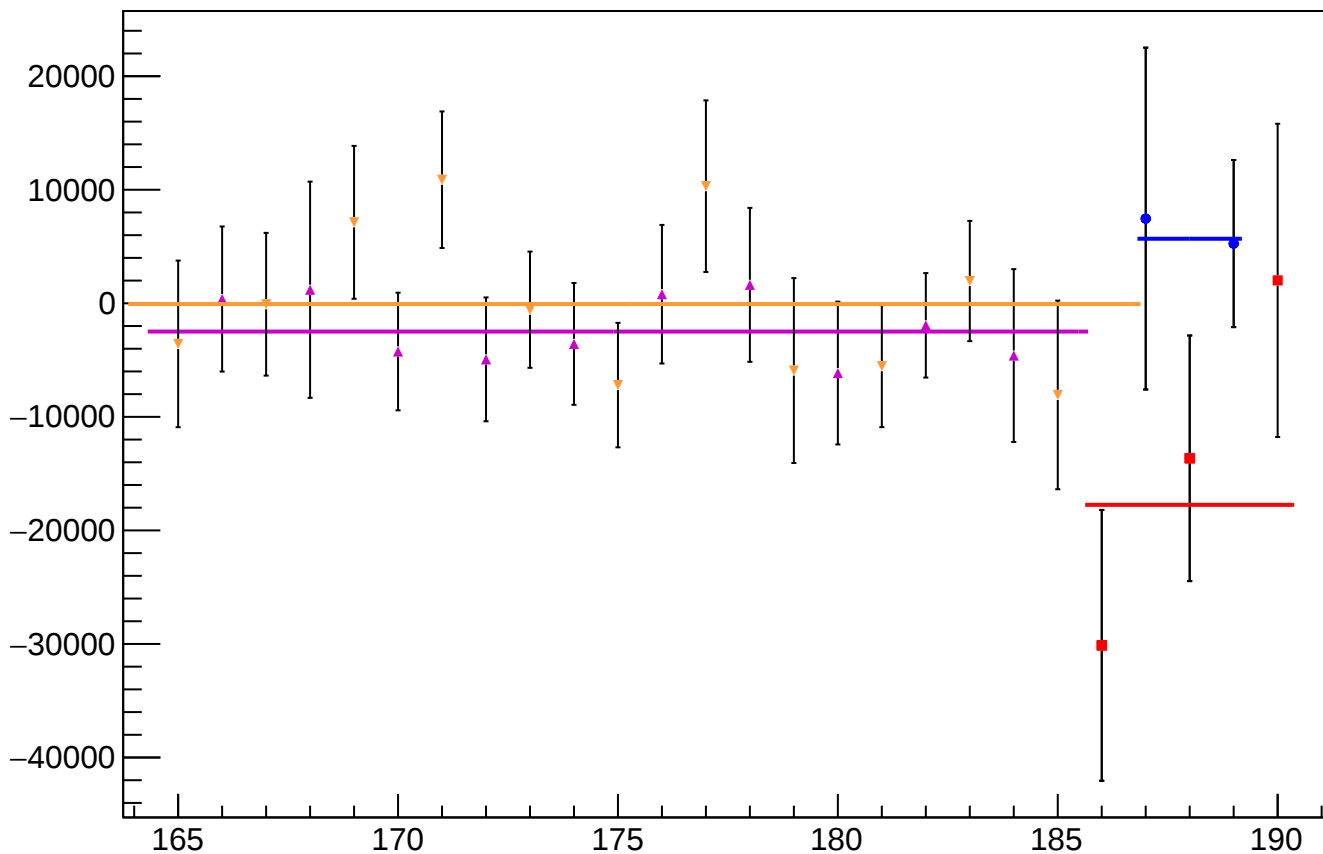
Out: 1034.585 ± 454.757 $\chi^2/\text{NDF}: 17.4/15$

All: 1641.460 ± 326.876 $\chi^2/\text{NDF}: 31.6/29$

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left: -1271.385+/-1333.834 χ^2/NDF : 13.5/20

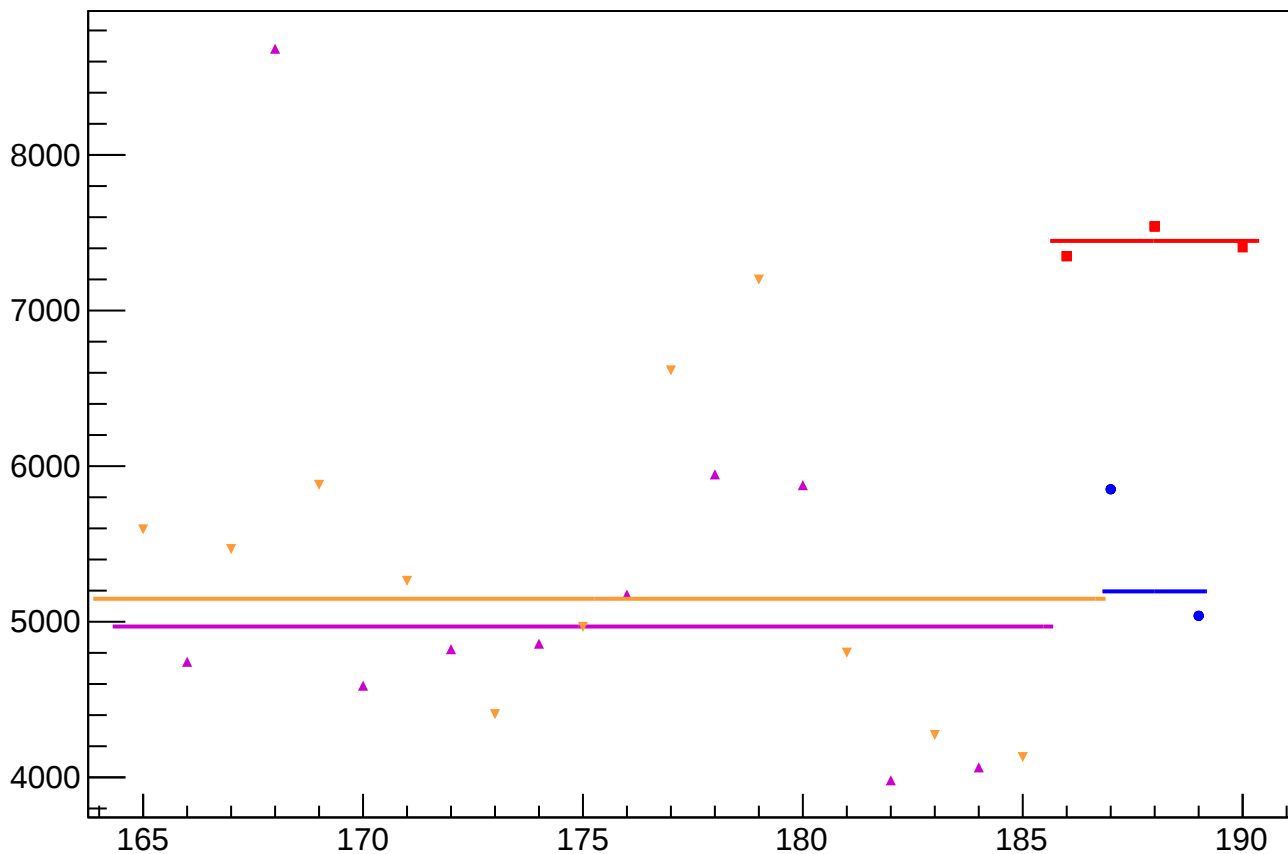
Right: -4698.648+/-3488.480 χ^2/NDF : 15.7/8

In: -1338.641+/-1753.144 χ^2/NDF :4.5/13

Out: -2085.913+/-1770.841 χ^2/NDF :25.5/15

All: -1708.524+/-1245.870 χ^2/NDF : 30.0/29

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 5195.126+/-3.306 χ^2/NDF : 9416.3/3

Left Out: 5147.767+/-1.330 χ^2/NDF : 376501.7/10

Right Out: 7447.598+/-3.706 χ^2/NDF : 586.7/4

Left In: 4969.306+/-1.337 χ^2/NDF : 526034.9/9

Left: 5058.993+/-0.943 χ^2/NDF : 911486.9/20

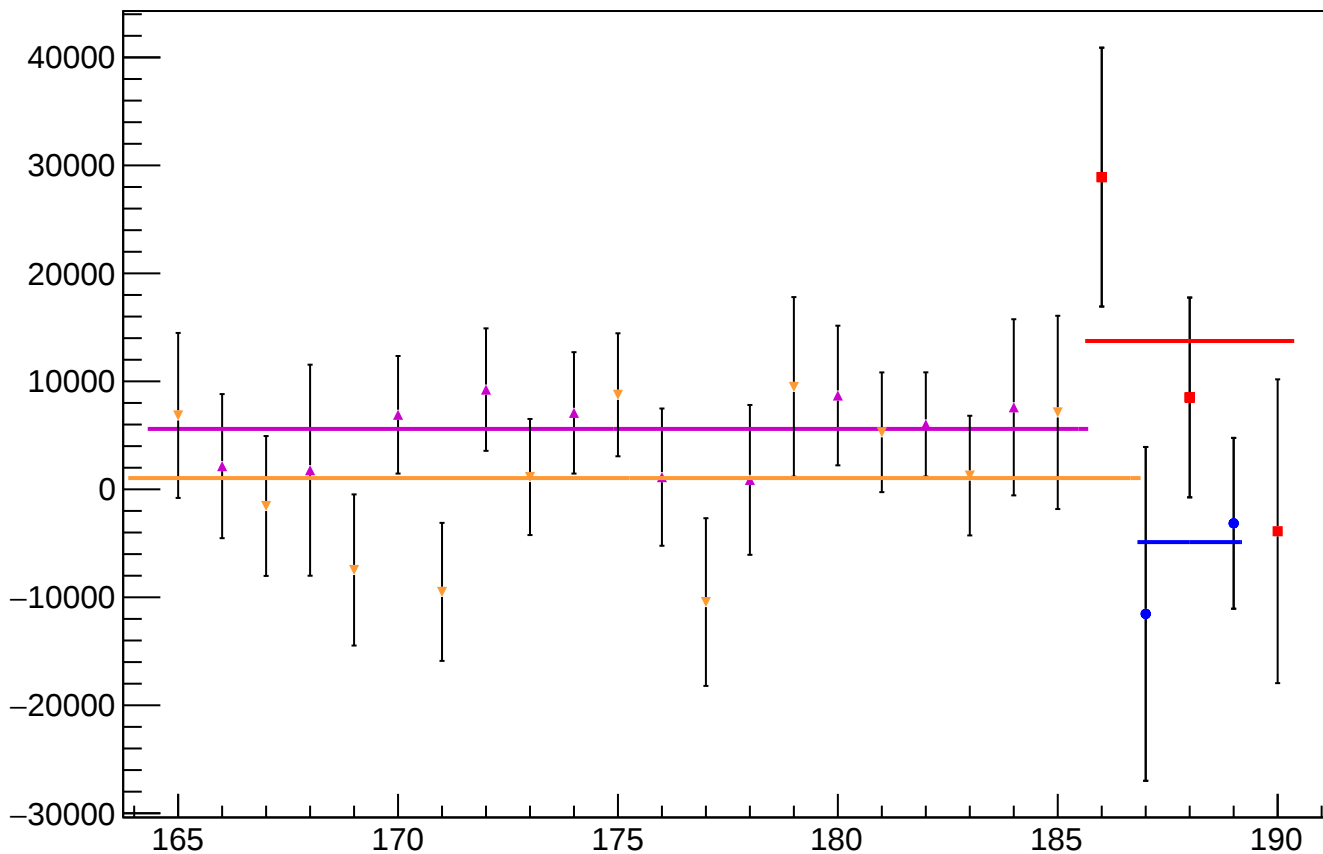
Right: 6193.242+/-2.467 χ^2/NDF : 215762.0/8

In: 5001.067+/-1.240 χ^2/NDF : 539461.8/13

Out: 5410.373+/-1.252 χ^2/NDF : 718292.2/15

All: 5203.664+/-0.881 χ^2/NDF : 1311714.7/29

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: -4887.703+/-4979.313 χ^2/NDF : 0.5/3

Left Out: 1043.168+/-1961.522 χ^2/NDF : 11.0/10

Right Out: 13738.655+/-4860.071 χ^2/NDF : 5.4/4

Left In: 5595.358+/-1973.358 χ^2/NDF : 2.2/9

Left: 3305.571+/-1391.172 χ^2/NDF : 15.9/20

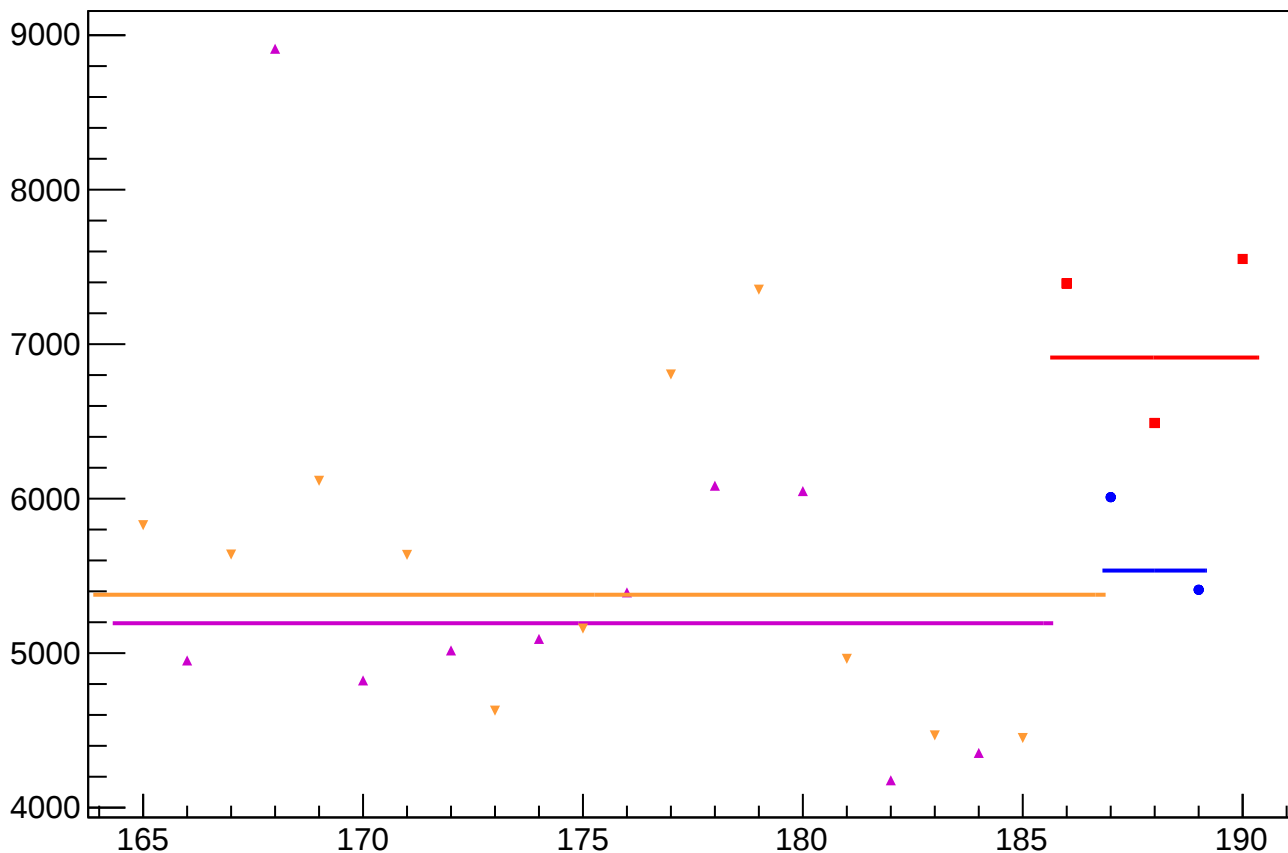
Right: 4651.173+/-3477.981 χ^2/NDF : 13.0/8

In: 4172.360+/-1834.541 χ^2/NDF : 6.5/13

Out: 2821.493+/-1818.961 χ^2/NDF : 22.3/15

All: 3491.166+/-1291.673 χ^2/NDF : 29.1/29

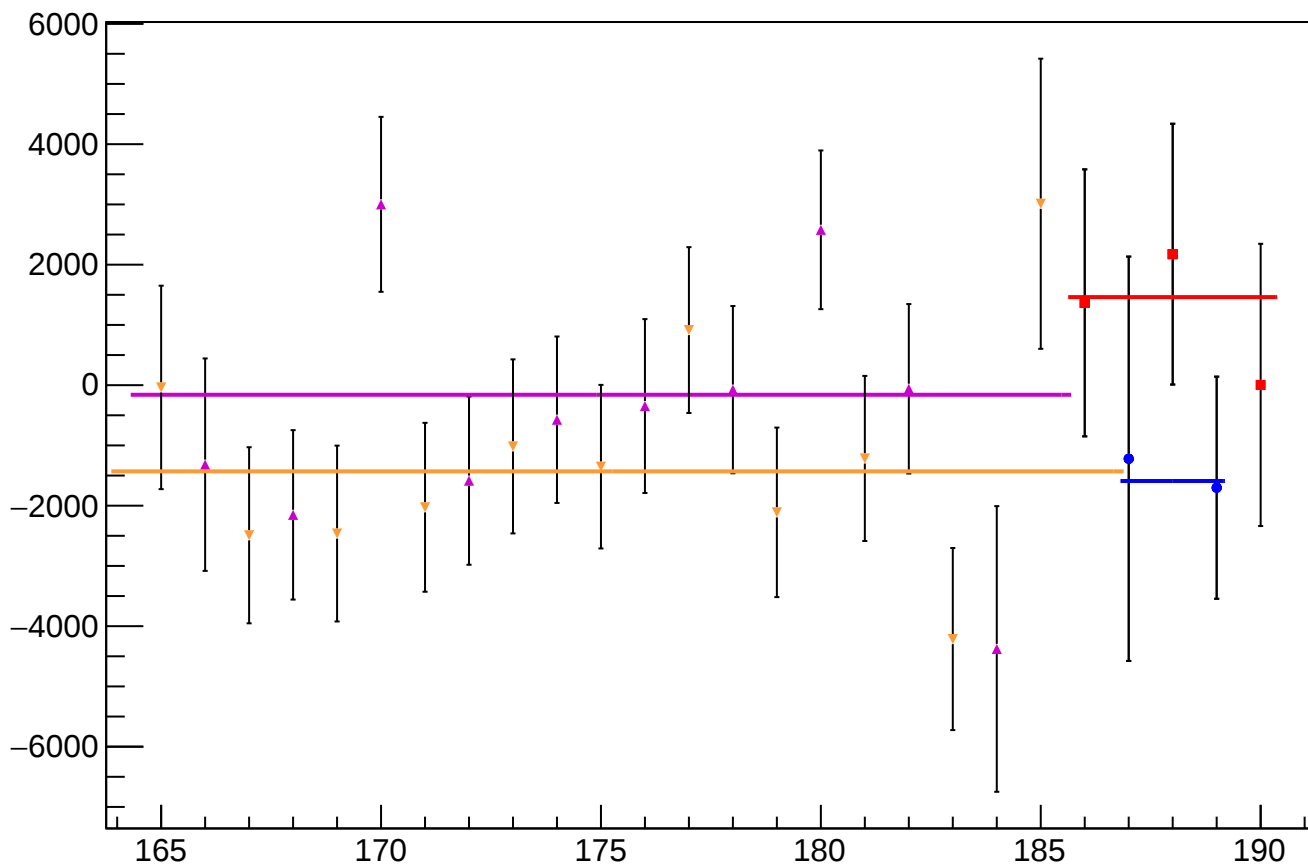
asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 5286.383+/-0.984 χ^2/NDF : 836983.2/20
 Right: 6240.719+/-2.459 χ^2/NDF : 102223.6/8
 In: 5239.867+/-1.297 χ^2/NDF : 496701.3/13
 Out: 5593.144+/-1.286 χ^2/NDF : 534920.2/15
 All: 5418.012+/-0.913 χ^2/NDF : 1069020.8/29

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left: -820.994 $\pm$ 322.831 χ^2 /NDF: 31.6/20

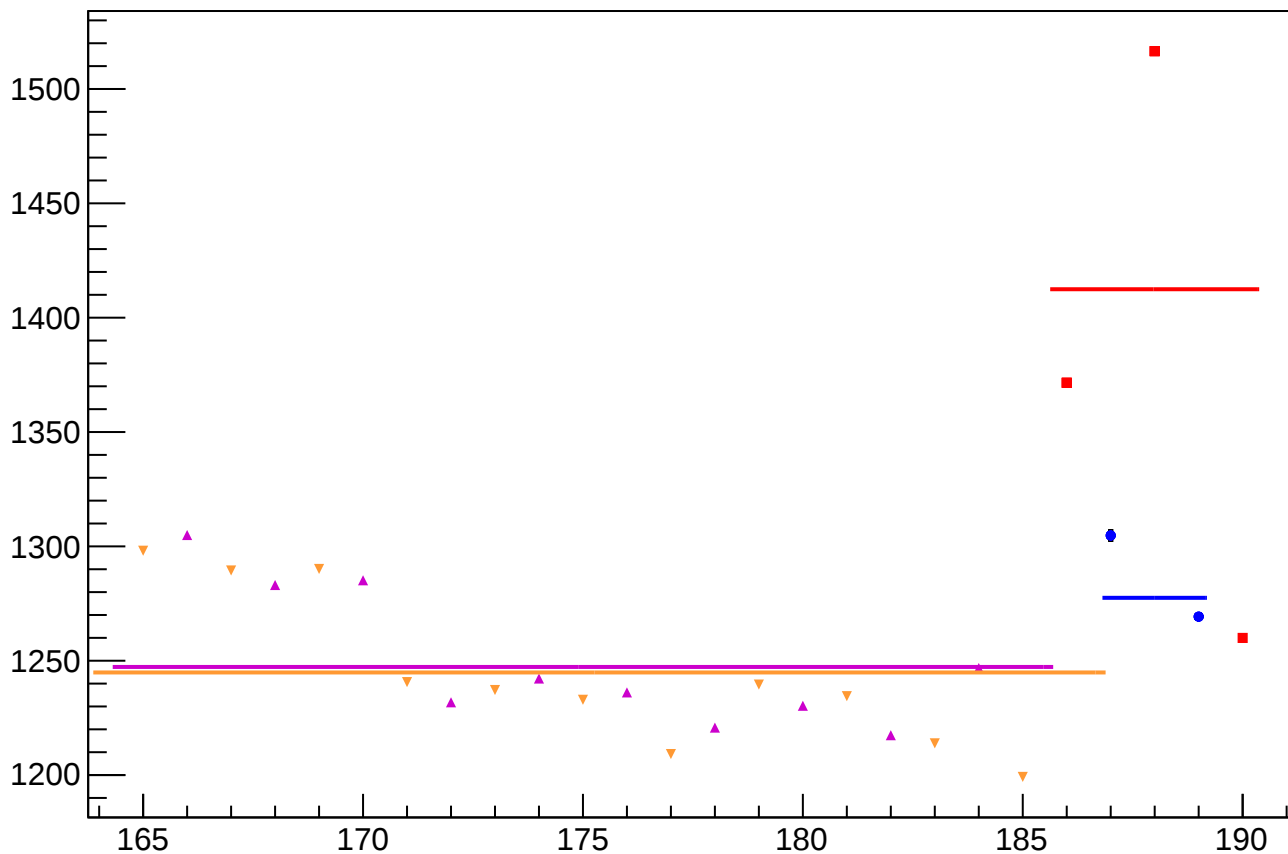
Right: 150.004 $\pm$ 748.935 χ^2 /NDF: 4.7/8

In: -363.502 $\pm$ 431.724 χ^2 /NDF:17.2/13

Out: -941.307 $\pm$ 407.815 χ^2 /NDF:19.6/15

All: -668.846 $\pm$ 296.461 χ^2 /NDF: 37.8/29

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1277.508+/-0.808 χ^2/NDF : 343.5/3

Left Out: 1244.869+/-0.316 χ^2/NDF : 9051.6/10

Right Out: 1412.438+/-0.701 χ^2/NDF : 19091.3/4

Left In: 1247.280+/-0.330 χ^2/NDF : 7156.2/9

Left: 1246.025+/-0.228 χ^2/NDF : 16235.7/20

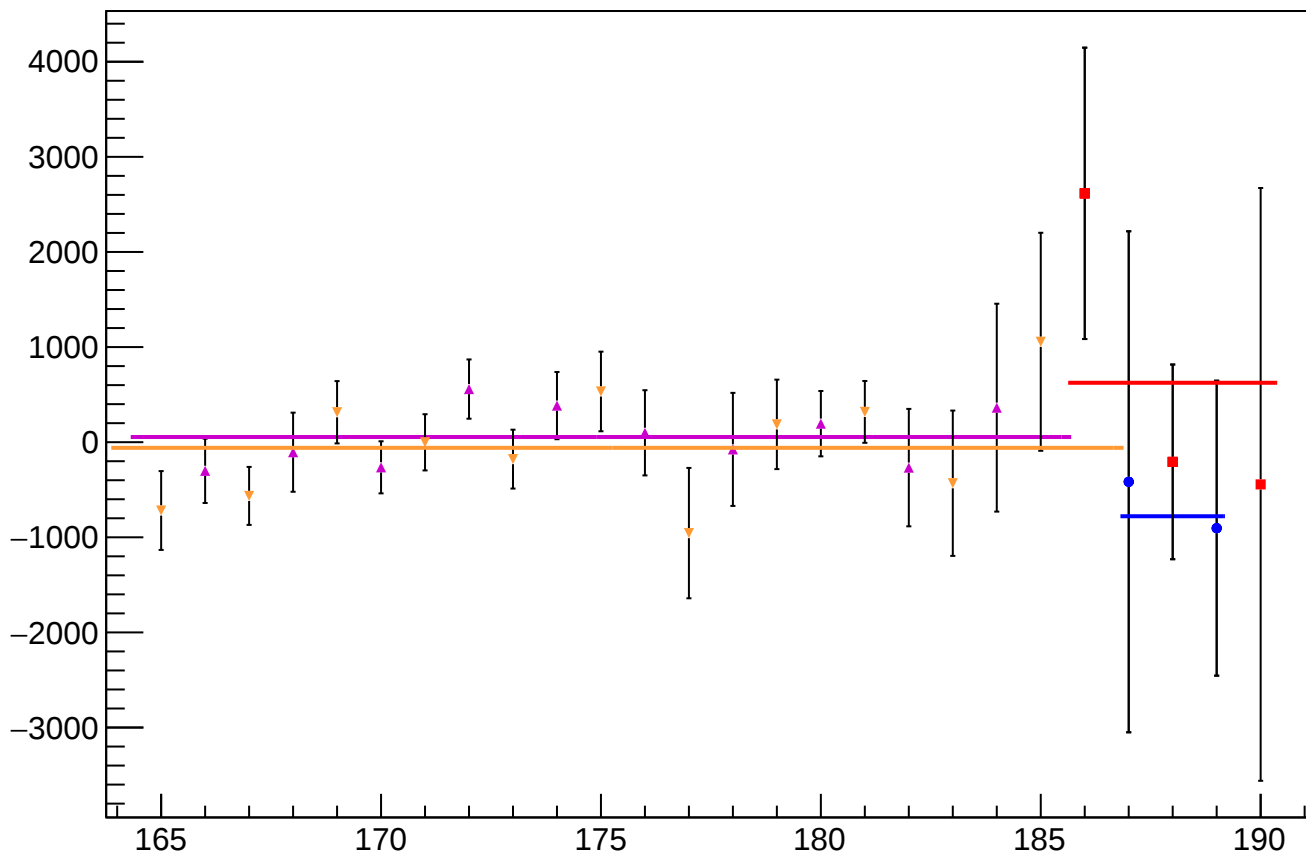
Right: 1354.450+/-0.530 χ^2/NDF : 35344.0/8

In: 1251.597+/-0.305 χ^2/NDF : 8700.0/13

Out: 1273.202+/-0.288 χ^2/NDF : 75583.0/15

All: 1263.014+/-0.210 χ^2/NDF : 86929.9/29

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -778.636+/-944.877 χ^2/NDF : 0.1/3

Left Out: -59.171+/-117.770 χ^2/NDF :13.3/10

Right Out: 624.709+/-590.857 χ^2/NDF : 4.8/4

Left In: 54.483+/-123.162 χ^2/NDF :6.7/9

Left: -4.886+/-85.118 χ^2/NDF : 20.4/20

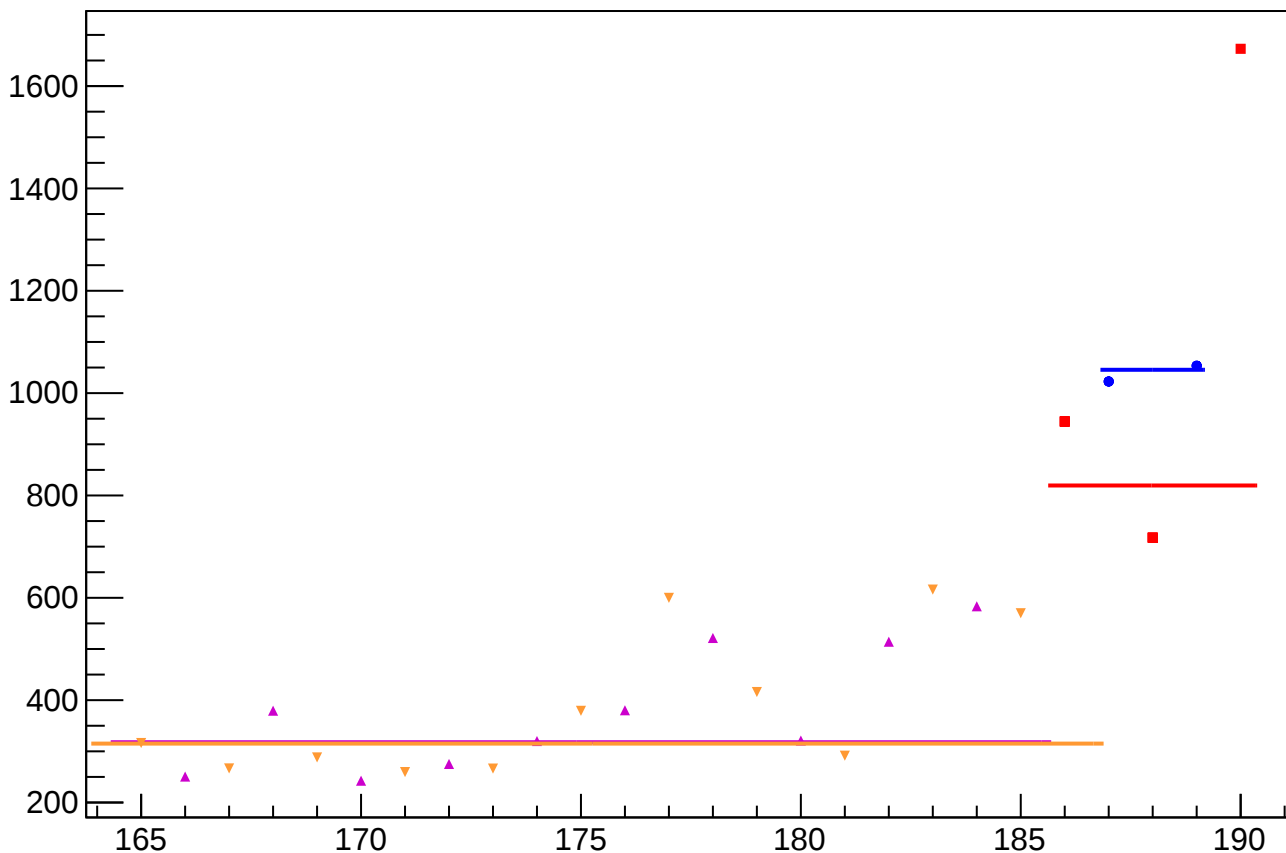
Right: 230.215+/-500.972 χ^2/NDF : 6.5/8

In: 40.565+/-122.129 χ^2/NDF :7.5/13

Out: -33.039+/-115.498 χ^2/NDF :19.4/15

All: 1.711+/-83.916 χ^2/NDF : 27.1/29

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1045.603+/-0.668 χ^2/NDF : 405.4/3

Left Out: 315.120+/-0.083 χ^2/NDF :1088733.0/10

Right Out: 819.504+/-0.418 χ^2/NDF : 216268.7/4

Left In: 317.832+/-0.087 χ^2/NDF :905432.2/9

Left: 316.415+/-0.060 χ^2/NDF : 1994672.0/20

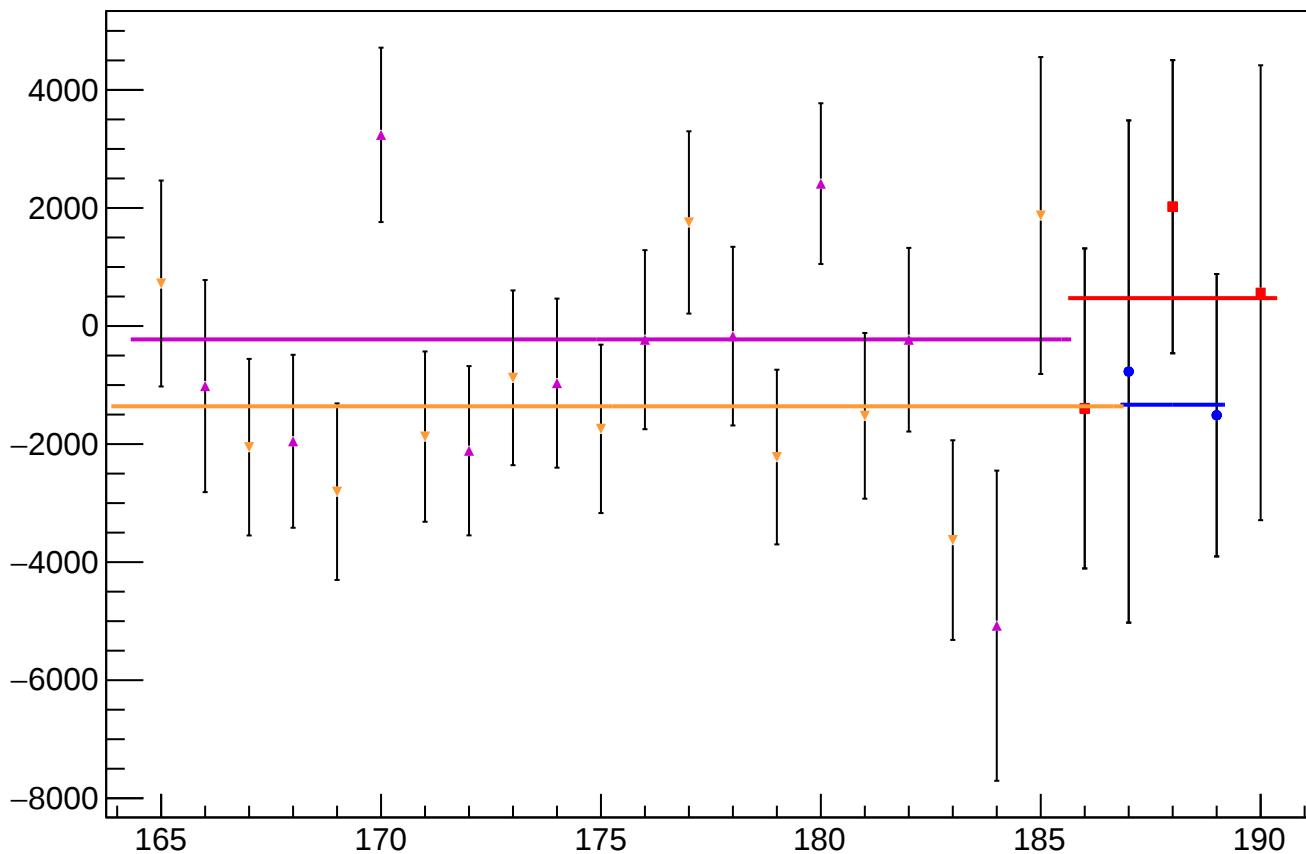
Right: 883.063+/-0.354 χ^2/NDF : 299000.2/8

In: 329.991+/-0.086 χ^2/NDF :2072516.1/13

Out: 334.393+/-0.082 χ^2/NDF :2706746.8/15

All: 332.315+/-0.059 χ^2/NDF : 4780634.4/29

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 16.2/9$

Left: -815.638 ± 339.052 $\chi^2/\text{NDF}: 29.6/20$

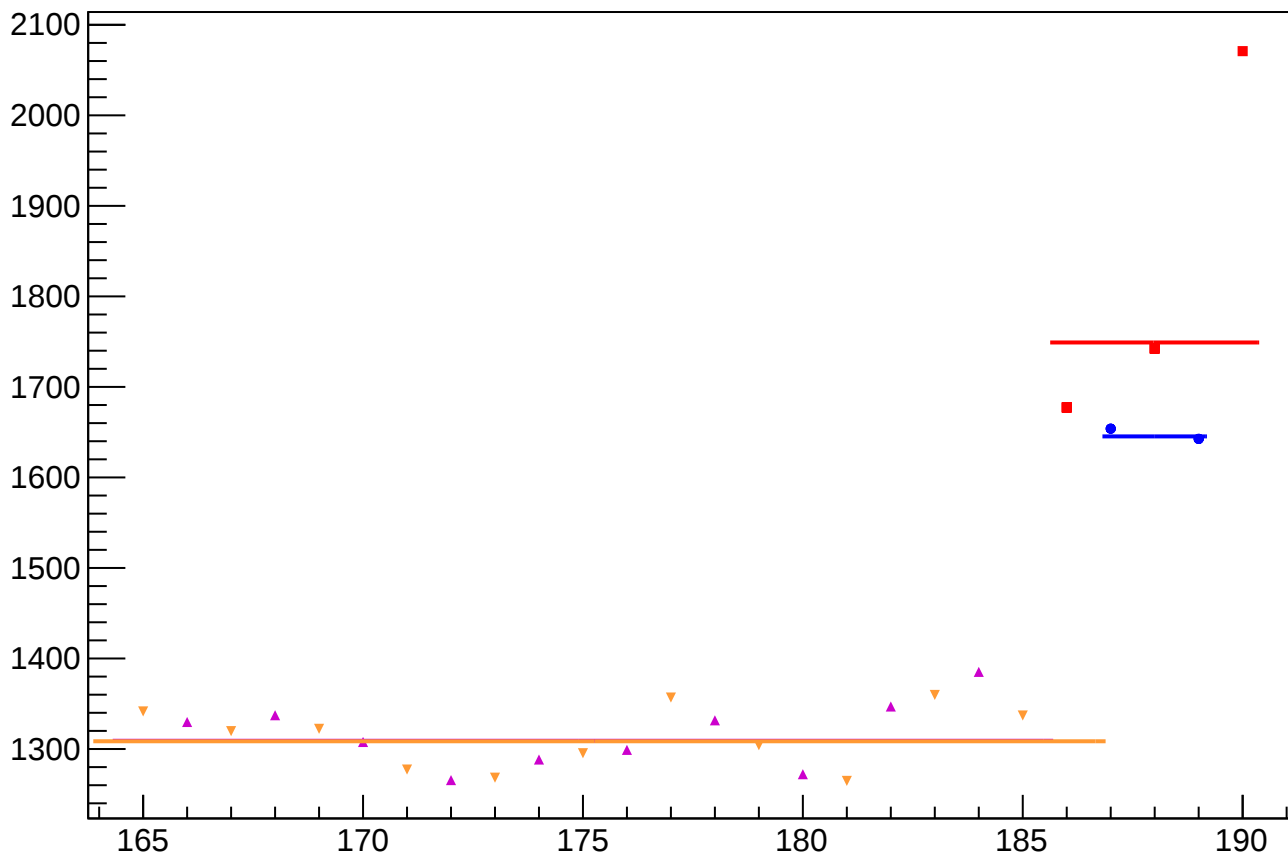
Right: -266.358 ± 943.322 $\chi^2/\text{NDF}: 2.7/8$

In: -336.200 ± 464.422 $\chi^2/\text{NDF}: 16.8/13$

Out: -1125.209 ± 439.103 $\chi^2/\text{NDF}: 14.2/15$

All: -752.798 ± 319.068 $\chi^2/\text{NDF}: 32.5/29$

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 1308.808 $\pm$ 0.240 χ^2 /NDF: 17689.2/20

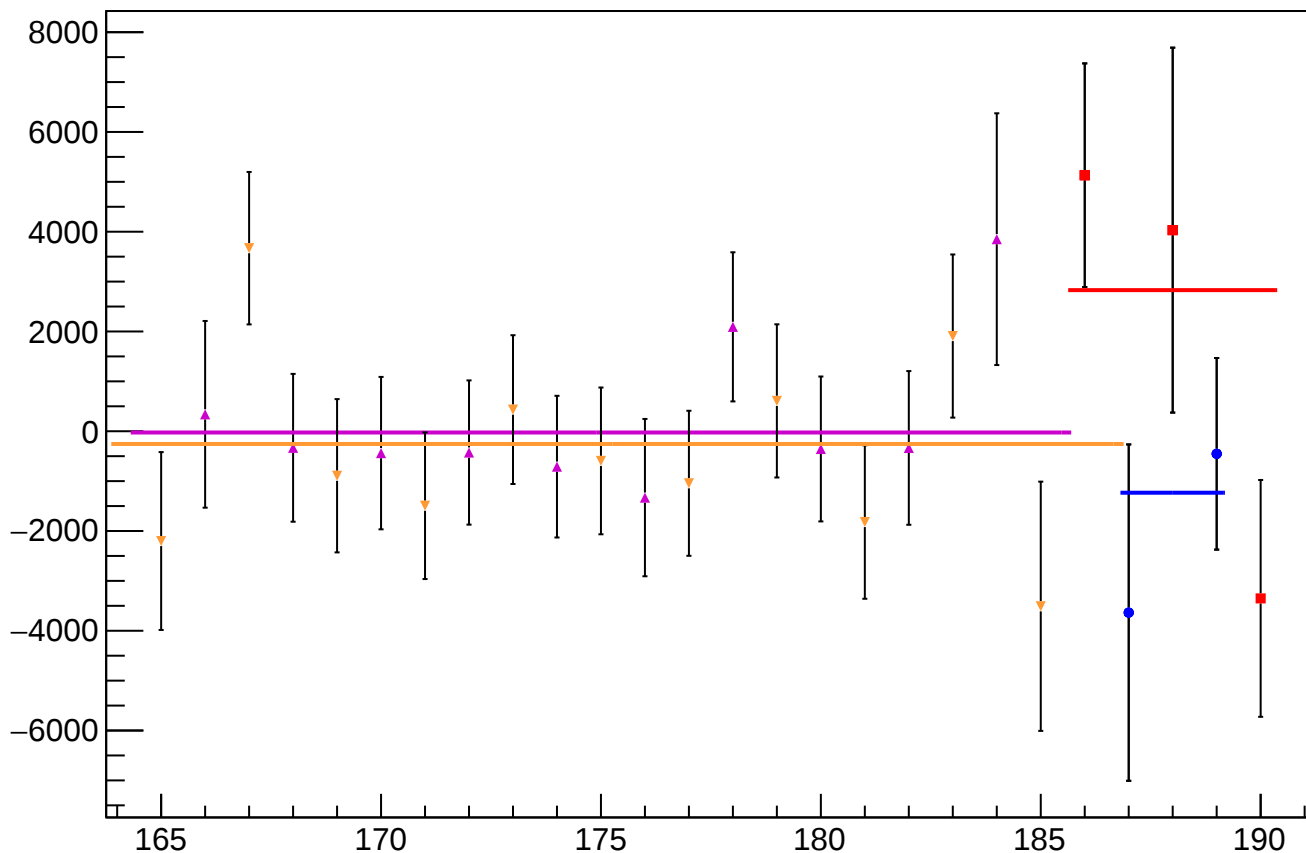
Right: 1706.626 $\pm$ 0.667 χ^2 /NDF: 22653.8/8

In: 1342.448 $\pm$ 0.328 χ^2 /NDF:101833.2/13

Out: 1364.934 $\pm$ 0.310 χ^2 /NDF:251038.1/15

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

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1232.561 ± 1180.162 $\chi^2/\text{NDF}: 1.3/3$

Left Out: -255.489 ± 477.027 $\chi^2/\text{NDF}: 14.0/10$

Right Out: 2828.846 ± 1174.581 $\chi^2/\text{NDF}: 9.1/4$

Left In: -25.216 ± 497.184 $\chi^2/\text{NDF}: 5.6/9$

Left: -145.115 ± 344.215 $\chi^2/\text{NDF}: 19.7/20$

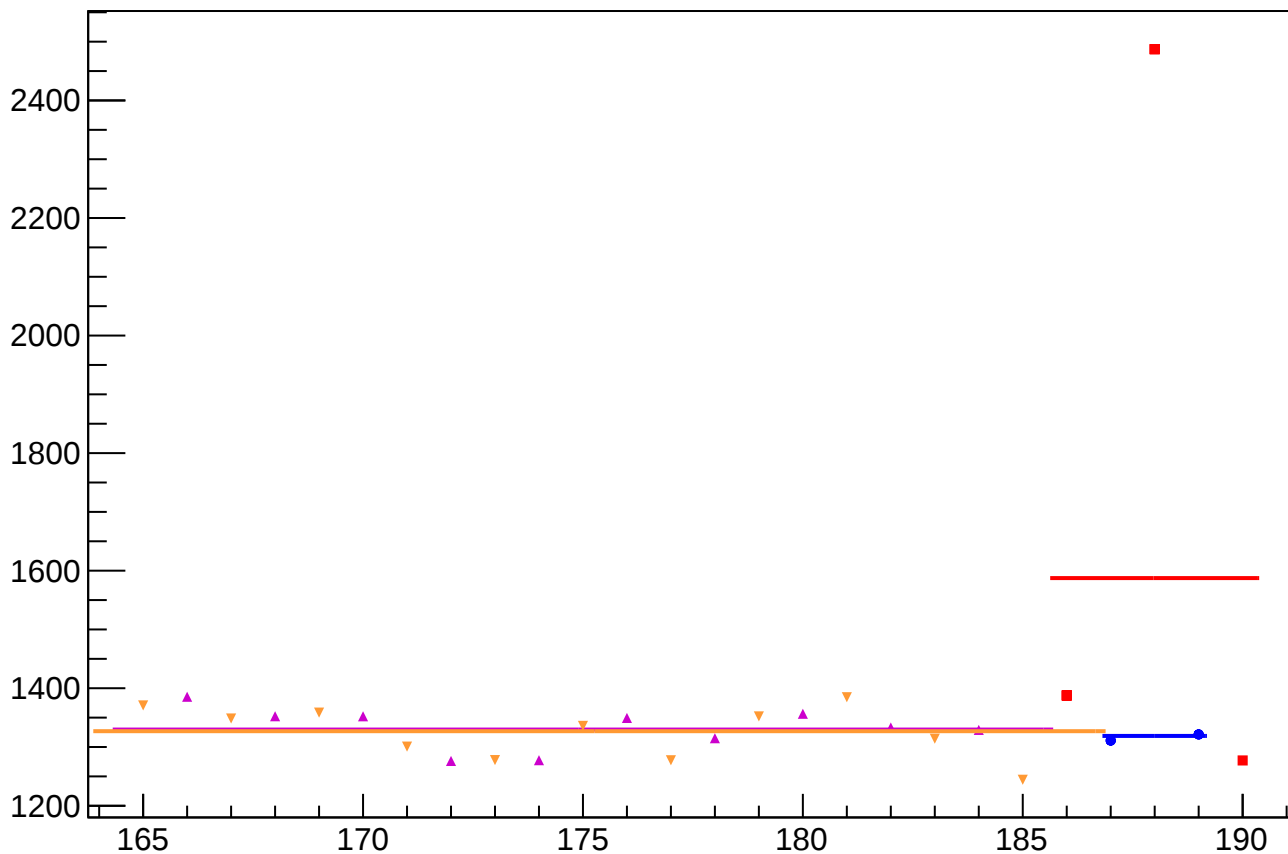
Right: 807.769 ± 832.521 $\chi^2/\text{NDF}: 16.4/8$

In: -207.198 ± 458.185 $\chi^2/\text{NDF}: 7.8/13$

Out: 181.207 ± 441.969 $\chi^2/\text{NDF}: 29.1/15$

All: -6.001 ± 318.098 $\chi^2/\text{NDF}: 37.3/29$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1318.857+/-0.835 χ^2/NDF : 28.6/3

Left Out: 1326.915+/-0.337 χ^2/NDF : 13322.8/10

Right Out: 1587.392+/-0.831 χ^2/NDF : 307949.6/4

Left In: 1329.701+/-0.352 χ^2/NDF : 9310.5/9

Left: 1328.251+/-0.243 χ^2/NDF : 22665.9/20

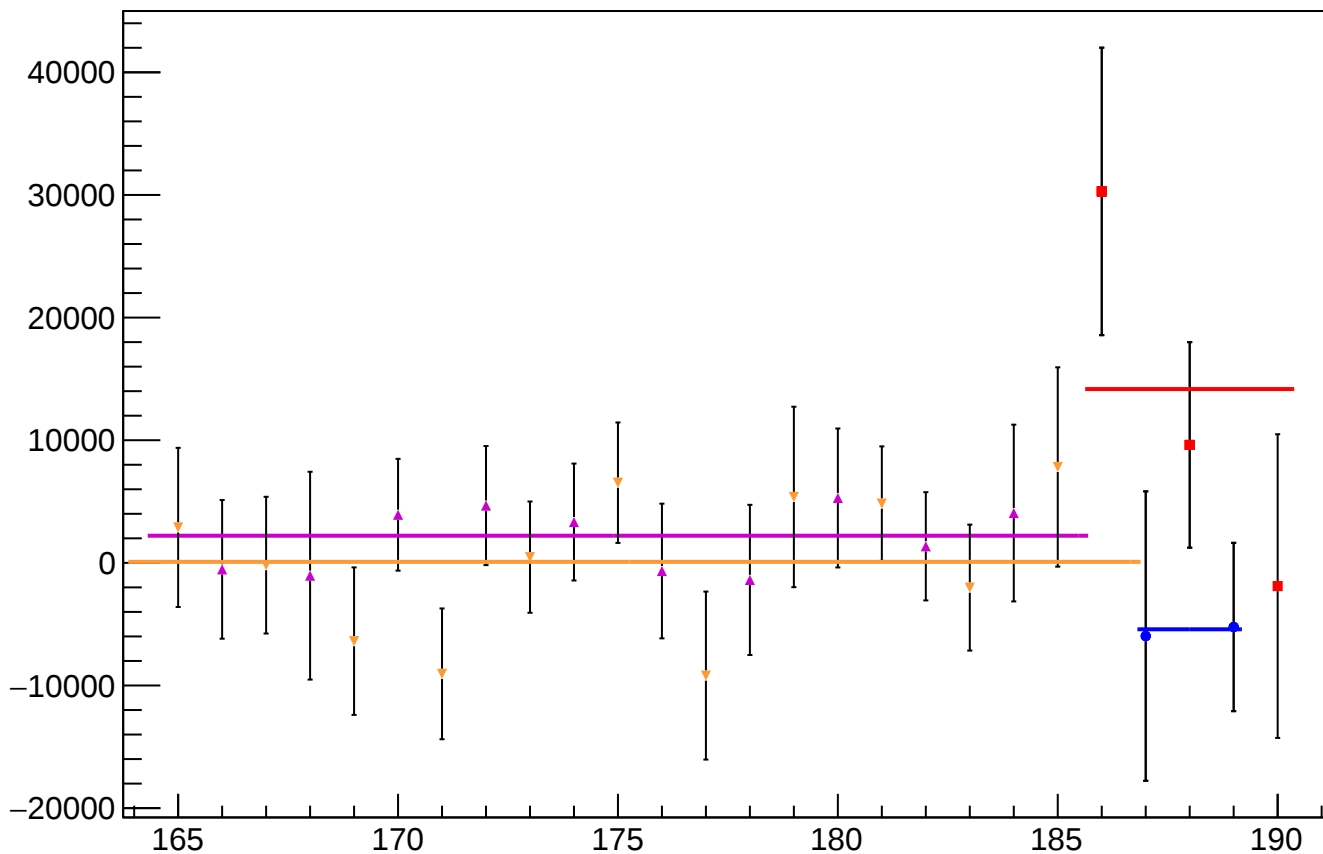
Right: 1453.761+/-0.589 χ^2/NDF : 359998.2/8

In: 1328.067+/-0.324 χ^2/NDF : 9482.5/13

Out: 1363.795+/-0.313 χ^2/NDF : 405702.6/15

All: 1346.574+/-0.225 χ^2/NDF : 421484.6/29

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left: 1137.790 ± 1204.824 χ^2/NDF : 13.1/20

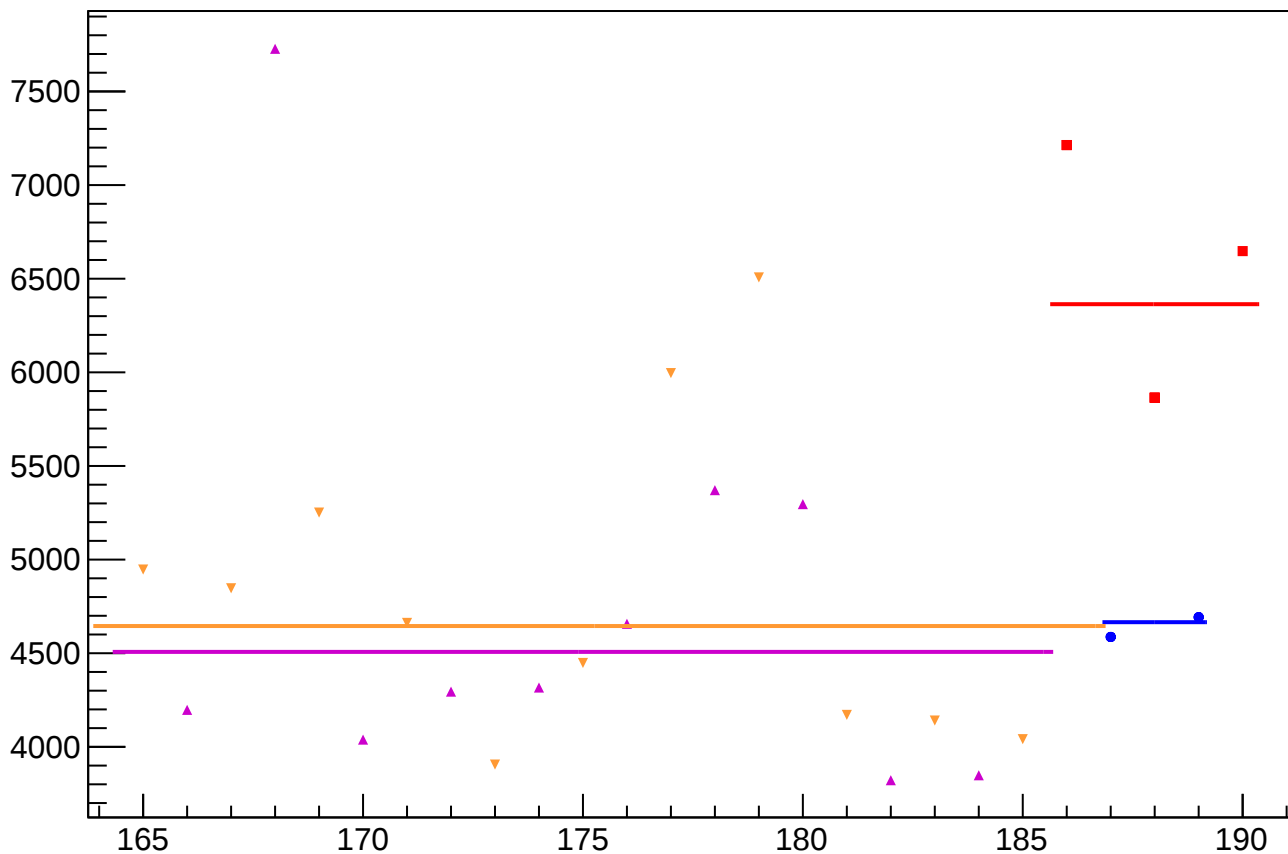
Right: 3709.321 ± 3066.070 χ^2/NDF : 16.2/8

In: 1124.469 ± 1584.768 χ^2/NDF : 4.7/13

Out: 1840.003 ± 1586.905 χ^2/NDF : 25.1/15

All: 1481.754 ± 1121.355 χ^2/NDF : 29.9/29

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 4665.780+/-2.967 χ^2/NDF : 238.5/3

Left Out: 4645.217+/-1.199 χ^2/NDF : 340487.6/10

Right Out: 6363.932+/-3.176 χ^2/NDF : 36266.0/4

Left In: 4507.143+/-1.210 χ^2/NDF : 468069.9/9

Left: 4576.800+/-0.852 χ^2/NDF : 815123.8/20

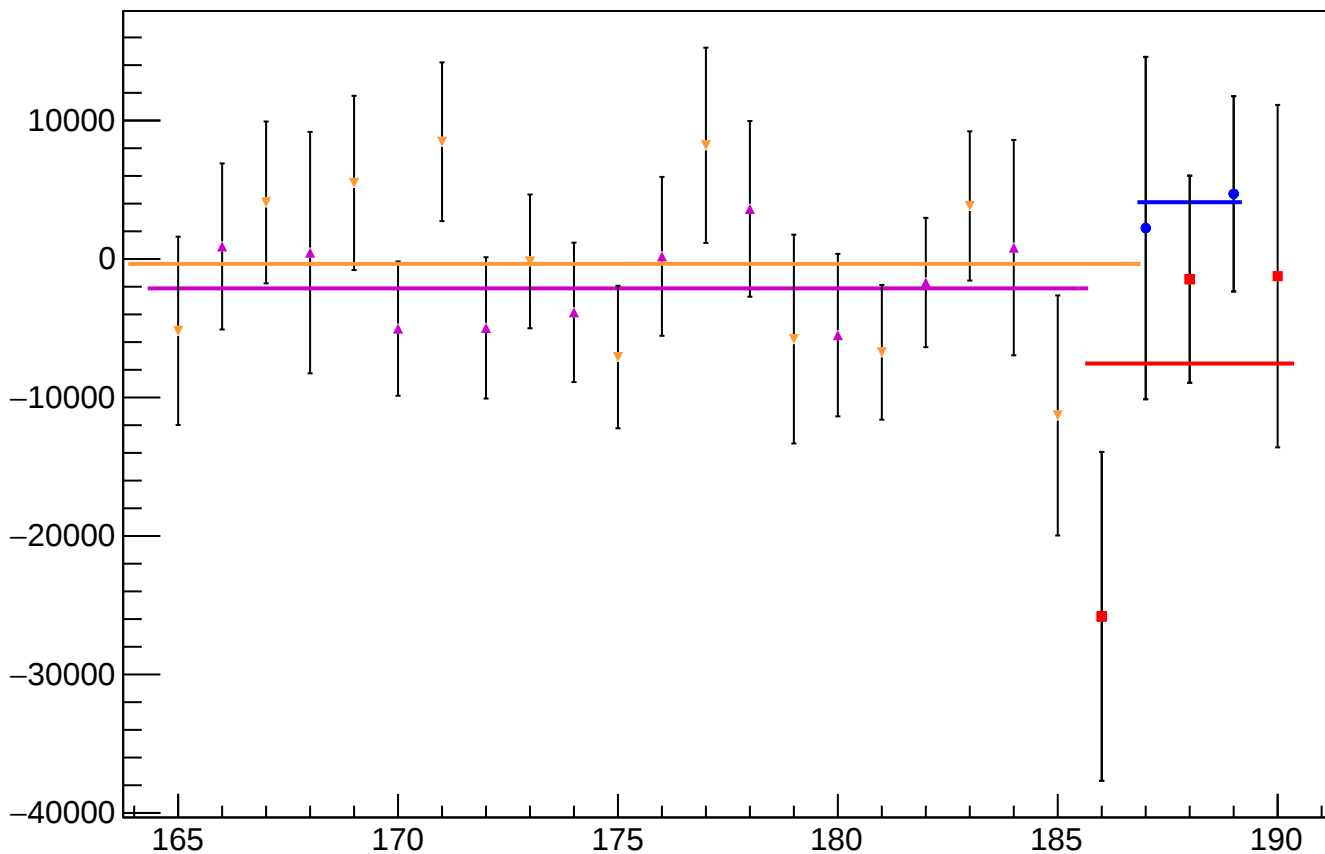
Right: 5456.912+/-2.168 χ^2/NDF : 189166.9/8

In: 4529.779+/-1.121 χ^2/NDF : 470760.0/13

Out: 4859.711+/-1.122 χ^2/NDF : 632997.9/15

All: 4694.523+/-0.793 χ^2/NDF : 1147042.2/29

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left: -1226.031+/-1266.777 χ^2/NDF : 15.0/20

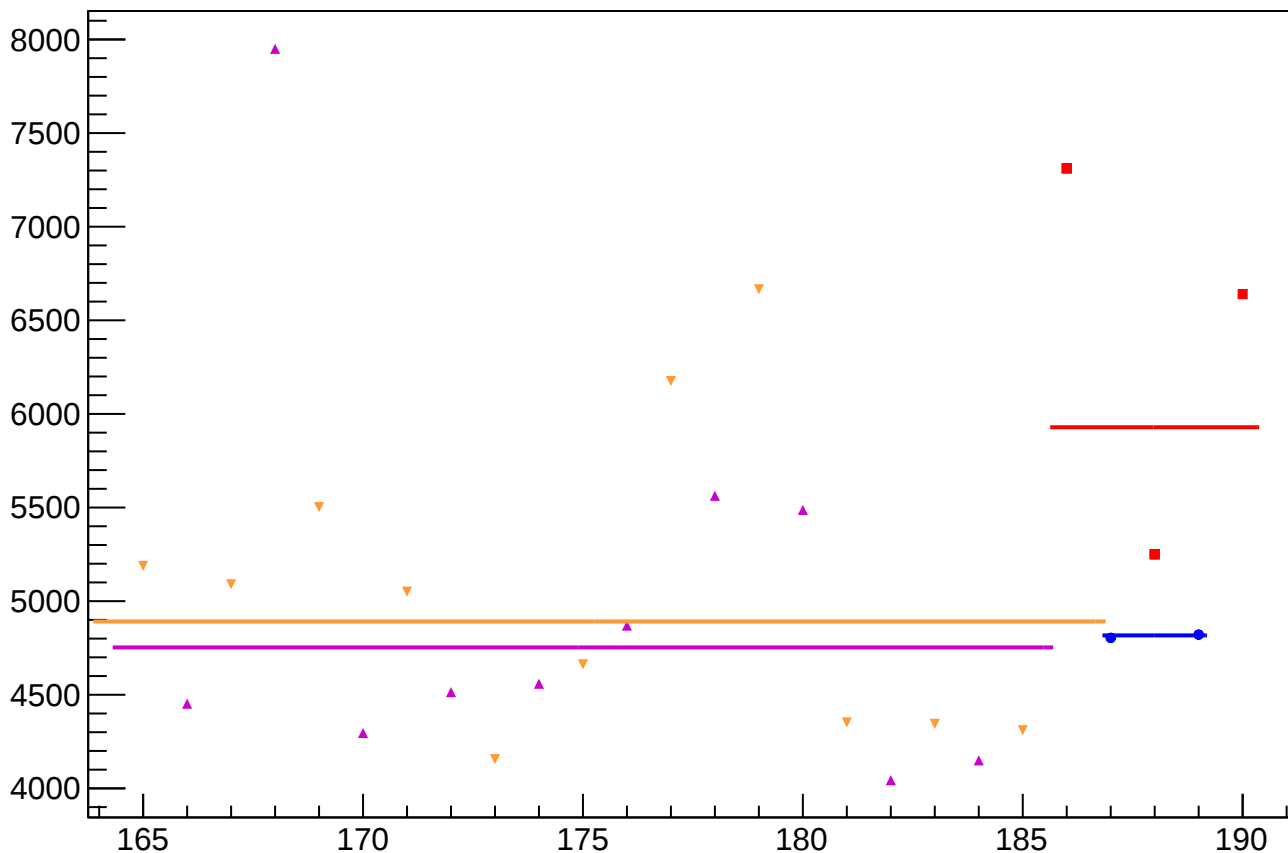
Right: -1891.762+/-3017.746 χ^2/NDF : 10.1/8

In: -1203.828+/-1663.330 χ^2/NDF : 4.4/13

Out: -1444.398+/-1640.618 χ^2/NDF : 20.7/15

All: -1325.766+/-1168.039 χ^2/NDF : 25.2/29

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4817.122 $\pm$ 3.063 χ^2/NDF : 5.7/3

Left Out: 4891.564 $\pm$ 1.260 χ^2/NDF : 308148.0/10

Right Out: 5928.863 $\pm$ 2.975 χ^2/NDF : 93833.0/4

Left In: 4752.825 $\pm$ 1.274 χ^2/NDF : 422196.0/9

Left: 4822.961 $\pm$ 0.896 χ^2/NDF : 736340.8/20

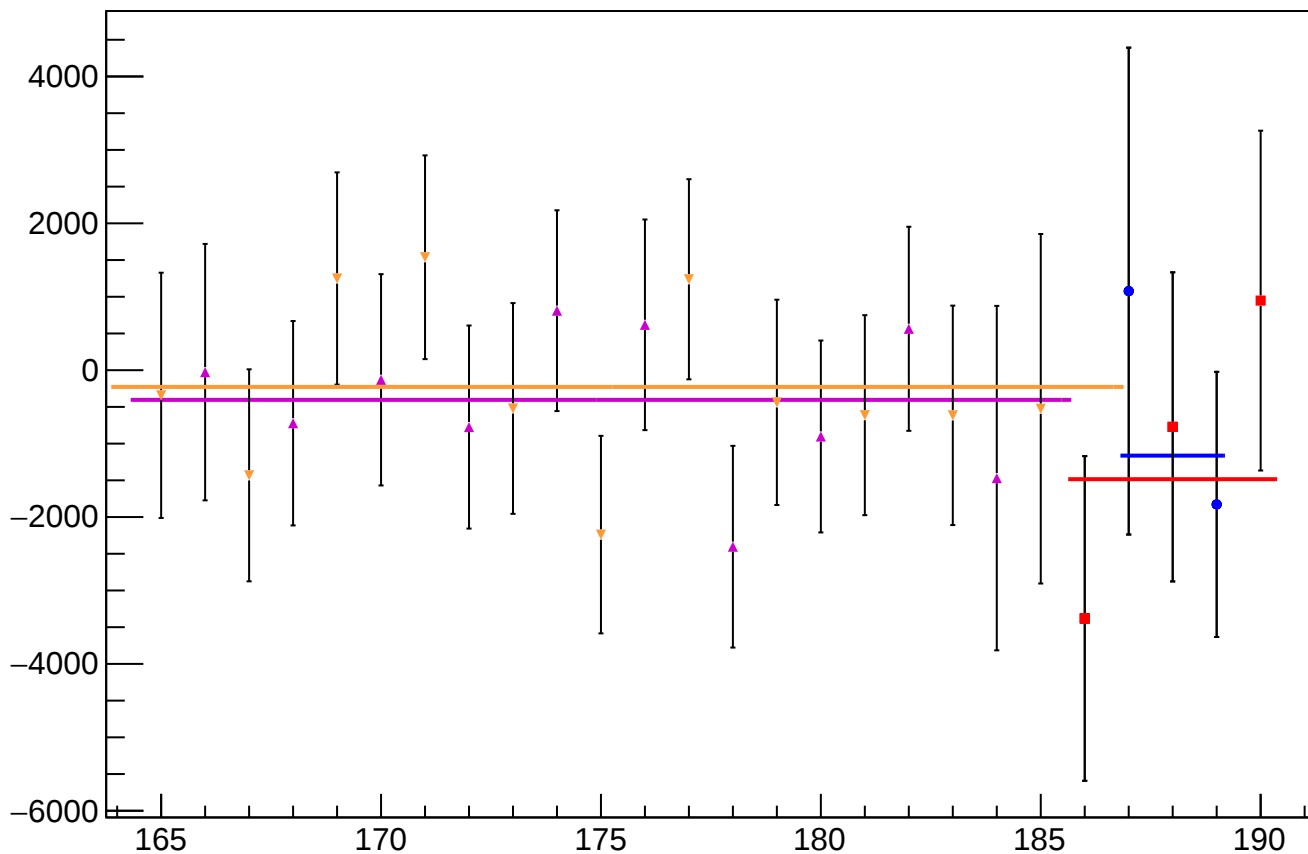
Right: 5389.128 $\pm$ 2.134 χ^2/NDF : 161641.2/8

In: 4762.308 $\pm$ 1.176 χ^2/NDF : 422577.5/13

Out: 5049.307 $\pm$ 1.160 χ^2/NDF : 505073.9/15

All: 4907.780 $\pm$ 0.826 χ^2/NDF : 957832.5/29

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1163.528+/-1121.287 χ^2/NDF : 1.2/3

Left Out: -227.740+/-443.311 χ^2/NDF : 7.0/10

Right Out: -1484.560+/-977.169 χ^2/NDF : 2.8/4

Left In: -404.144+/-461.935 χ^2/NDF : 4.5/9

Left: -312.314+/-319.850 χ^2/NDF : 11.5/20

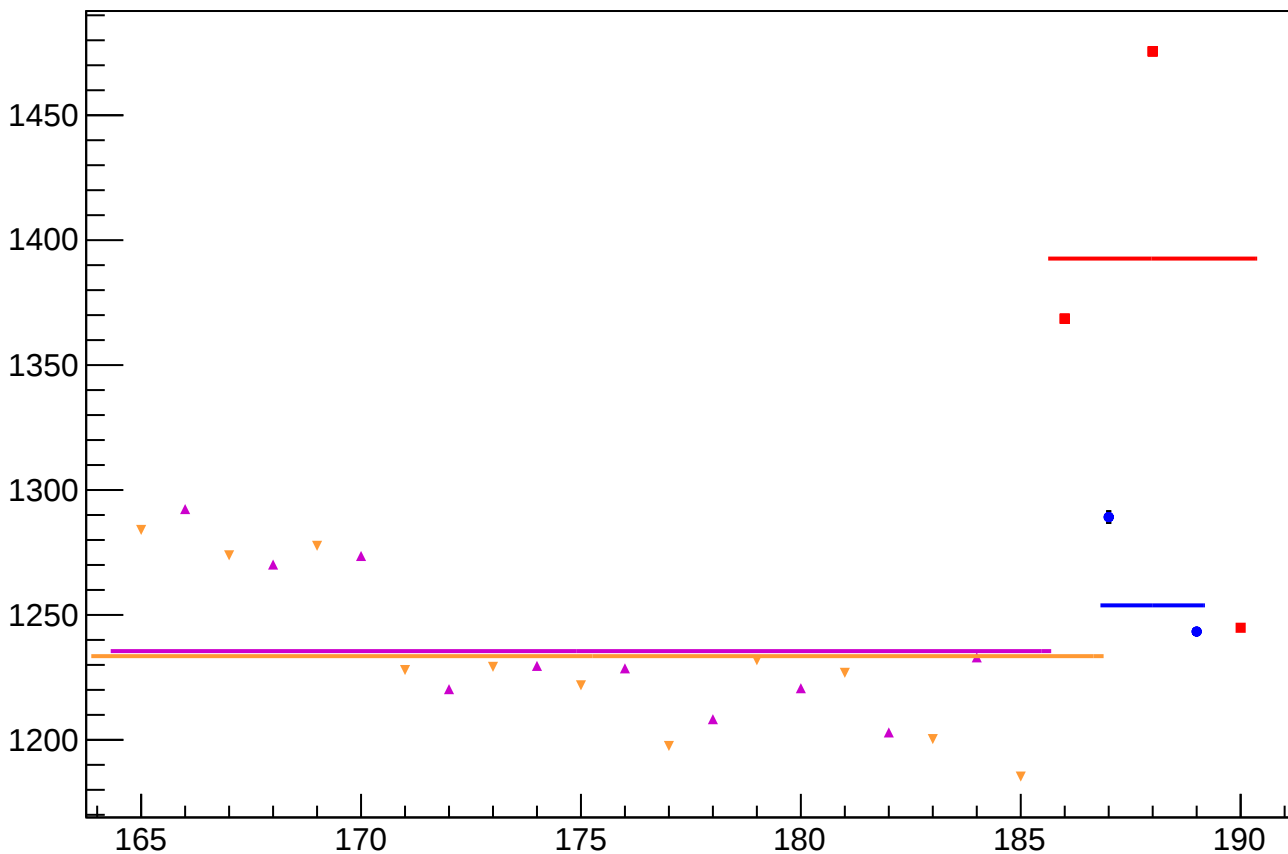
Right: -1345.988+/-736.681 χ^2/NDF : 4.0/8

In: -514.326+/-427.111 χ^2/NDF : 6.0/13

Out: -442.261+/-403.708 χ^2/NDF : 11.2/15

All: -476.265+/-293.390 χ^2/NDF : 17.2/29

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1253.828+/-0.793 χ^2/NDF : 589.1/3

Left Out: 1233.502+/-0.313 χ^2/NDF : 8710.3/10

Right Out: 1392.630+/-0.691 χ^2/NDF : 14835.8/4

Left In: 1235.522+/-0.327 χ^2/NDF : 7230.1/9

Left: 1234.471+/-0.226 χ^2/NDF : 15960.3/20

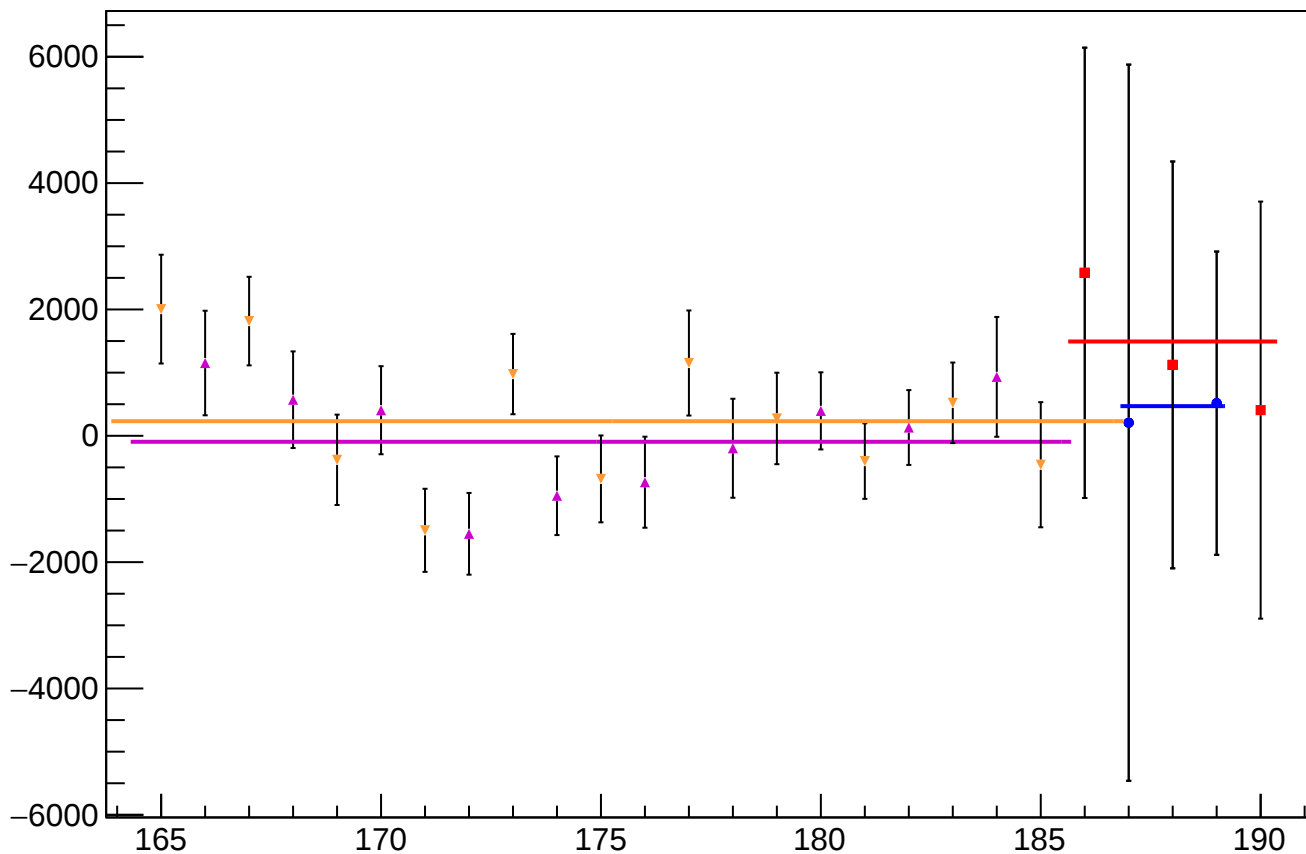
Right: 1332.717+/-0.521 χ^2/NDF : 32843.2/8

In: 1238.178+/-0.302 χ^2/NDF : 8274.9/13

Out: 1260.663+/-0.285 χ^2/NDF : 67530.8/15

All: 1250.053+/-0.207 χ^2/NDF : 78733.0/29

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 469.433+/-1562.966 χ^2/NDF : 0.0/3

Left Out: 231.297+/-213.835 χ^2/NDF : 23.2/10

Right Out: 1492.740+/-1504.023 χ^2/NDF : 0.3/4

Left In: -94.538+/-221.430 χ^2/NDF : 13.3/9

Left: 74.063+/-153.819 χ^2/NDF : 37.5/20

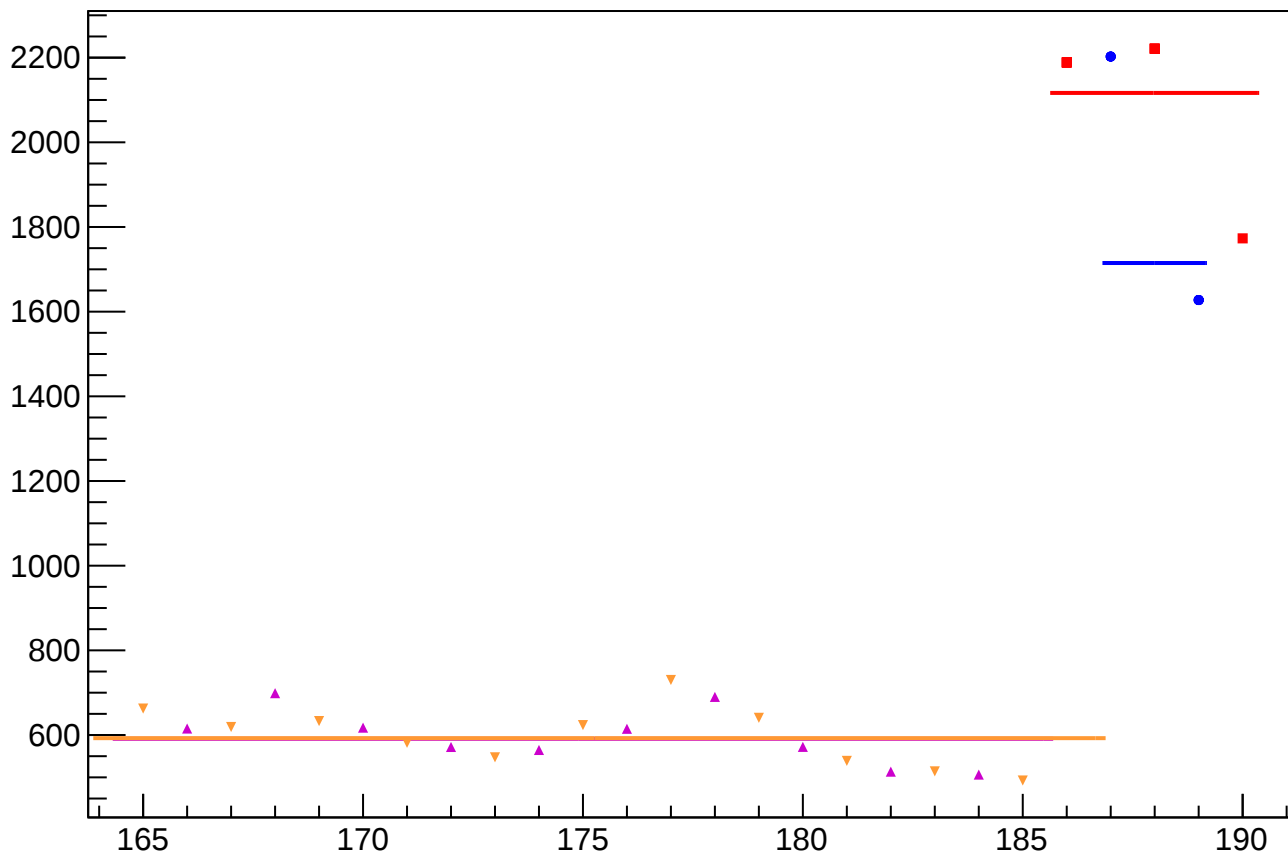
Right: 1000.746+/-1083.743 χ^2/NDF : 0.5/8

In: -83.441+/-219.240 χ^2/NDF : 13.4/13

Out: 256.291+/-211.706 χ^2/NDF : 24.2/15

All: 92.362+/-152.293 χ^2/NDF : 38.8/29

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1714.916+/-1.105 χ^2/NDF : 34914.7/3

Left Out: 592.587+/-0.151 χ^2/NDF :167353.9/10

Right Out: 2116.651+/-1.064 χ^2/NDF : 27512.4/4

Left In: 591.110+/-0.157 χ^2/NDF :135863.9/9

Left: 591.875+/-0.109 χ^2/NDF : 303263.9/20

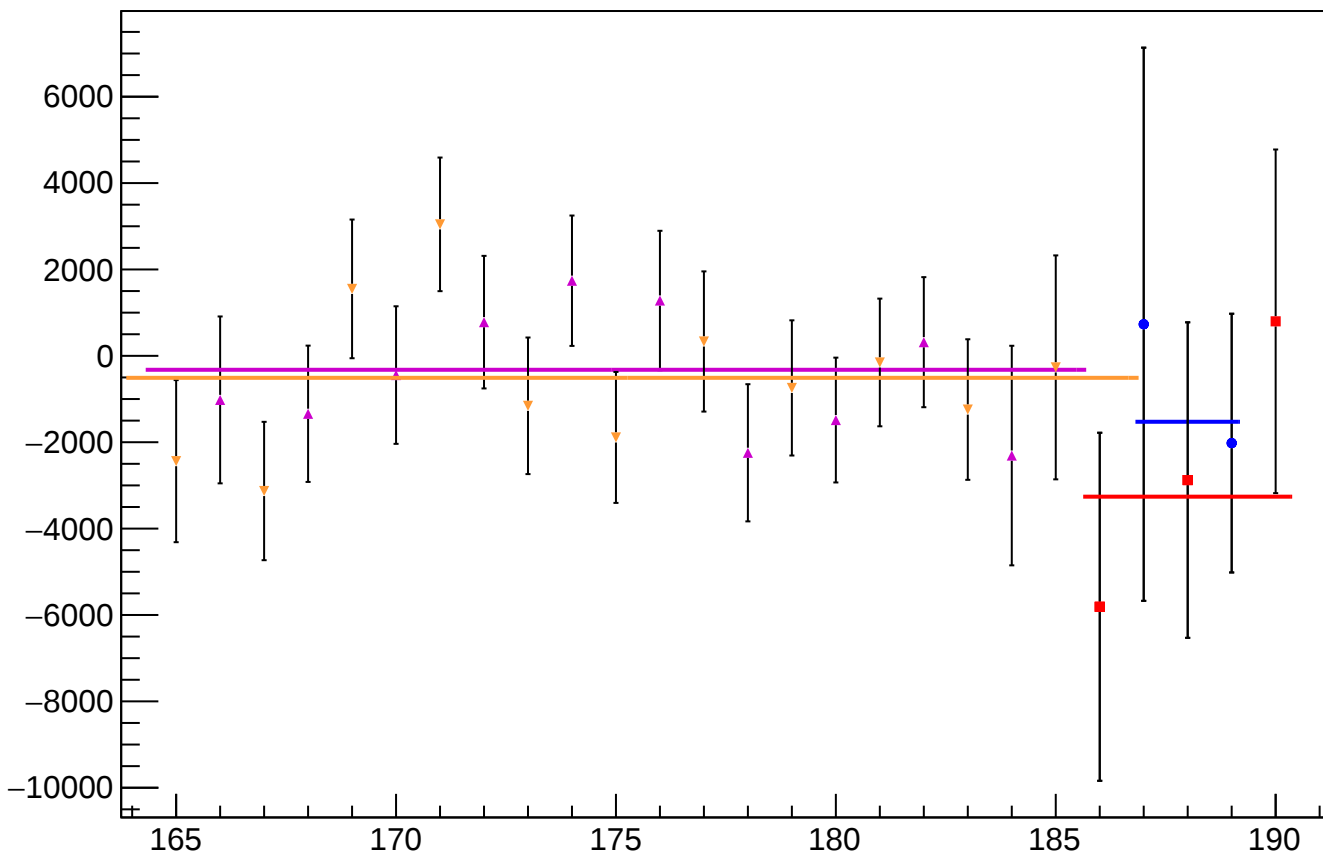
Right: 1923.502+/-0.766 χ^2/NDF : 131032.0/8

In: 613.222+/-0.155 χ^2/NDF :1184417.7/13

Out: 622.784+/-0.150 χ^2/NDF :2207832.3/15

All: 618.170+/-0.108 χ^2/NDF : 3394218.6/29

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left: -419.477+/-356.479 χ^2/NDF : 19.1/20

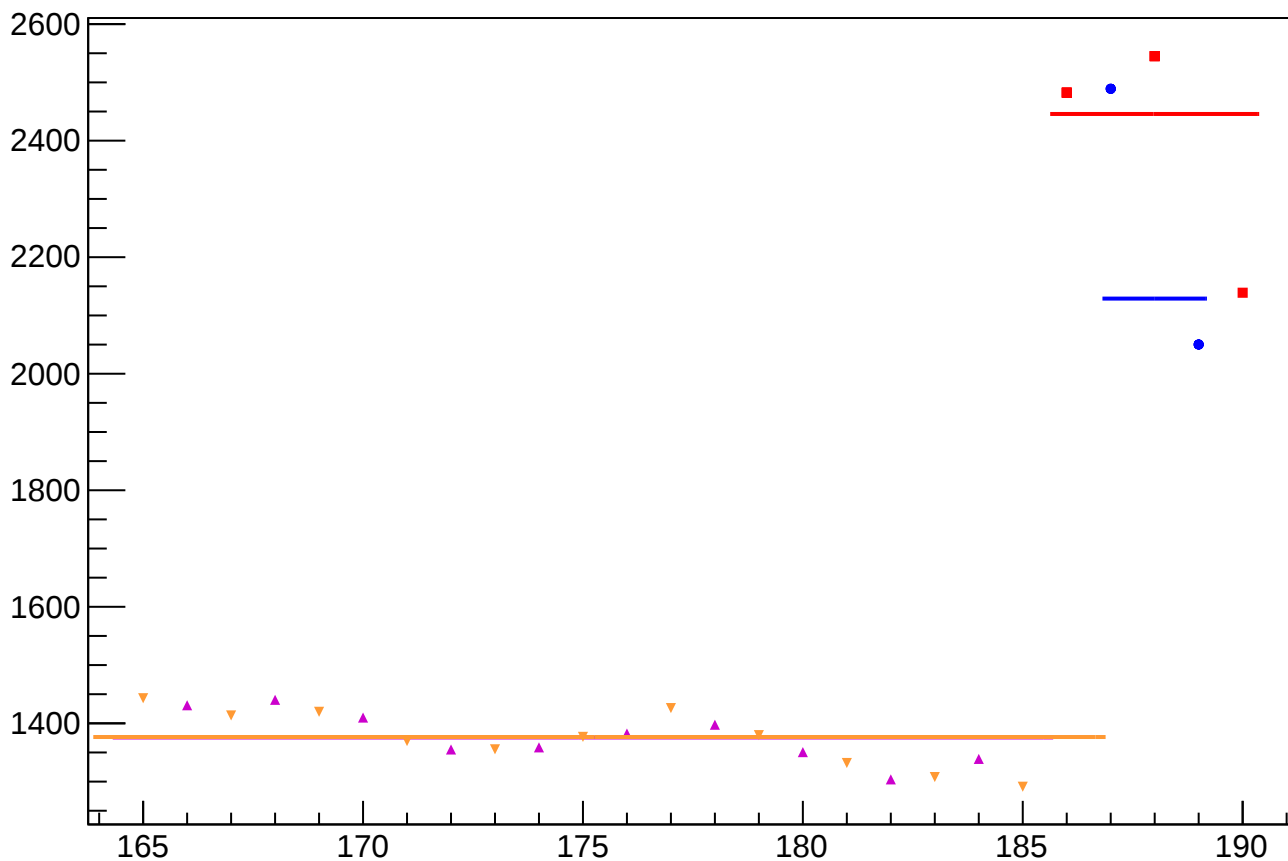
Right: -2485.668+/-1282.506 χ^2/NDF : 2.6/8

In: -403.429+/-496.653 χ^2/NDF : 7.5/13

Out: -718.190+/-475.484 χ^2/NDF : 16.4/15

All: -567.660+/-343.458 χ^2/NDF : 24.1/29

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 1376.131 $\pm$ 0.252 χ^2 /NDF: 27397.3/20

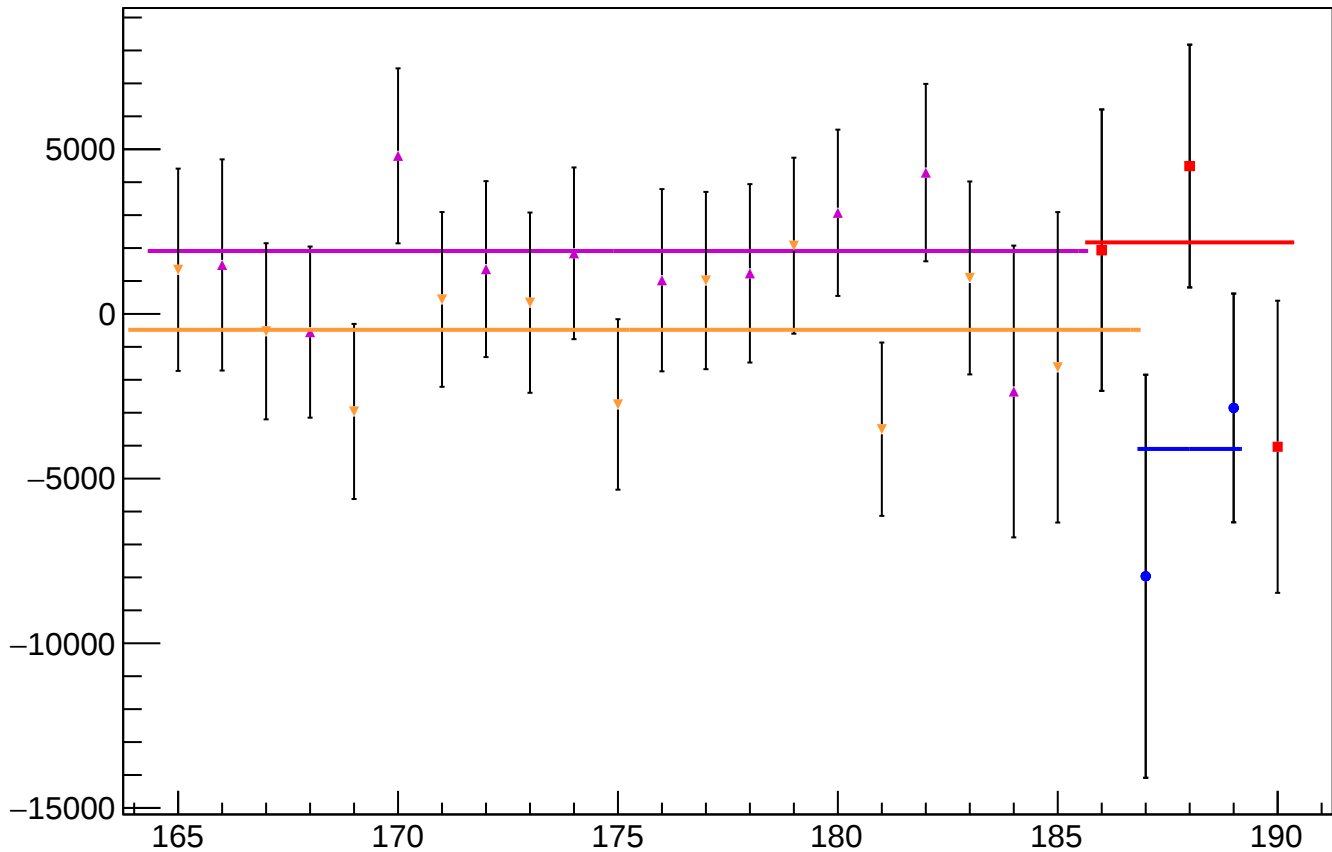
Right: 2304.195 $\pm$ 0.907 χ^2 /NDF: 60761.4/8

In: 1426.193 $\pm$ 0.351 χ^2 /NDF:315589.6/13

Out: 1457.811 $\pm$ 0.336 χ^2 /NDF:740521.5/15

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

dit_asym_atl1_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 4.2/9$

Left: 665.620 ± 610.451 $\chi^2/\text{NDF}: 13.1/20$

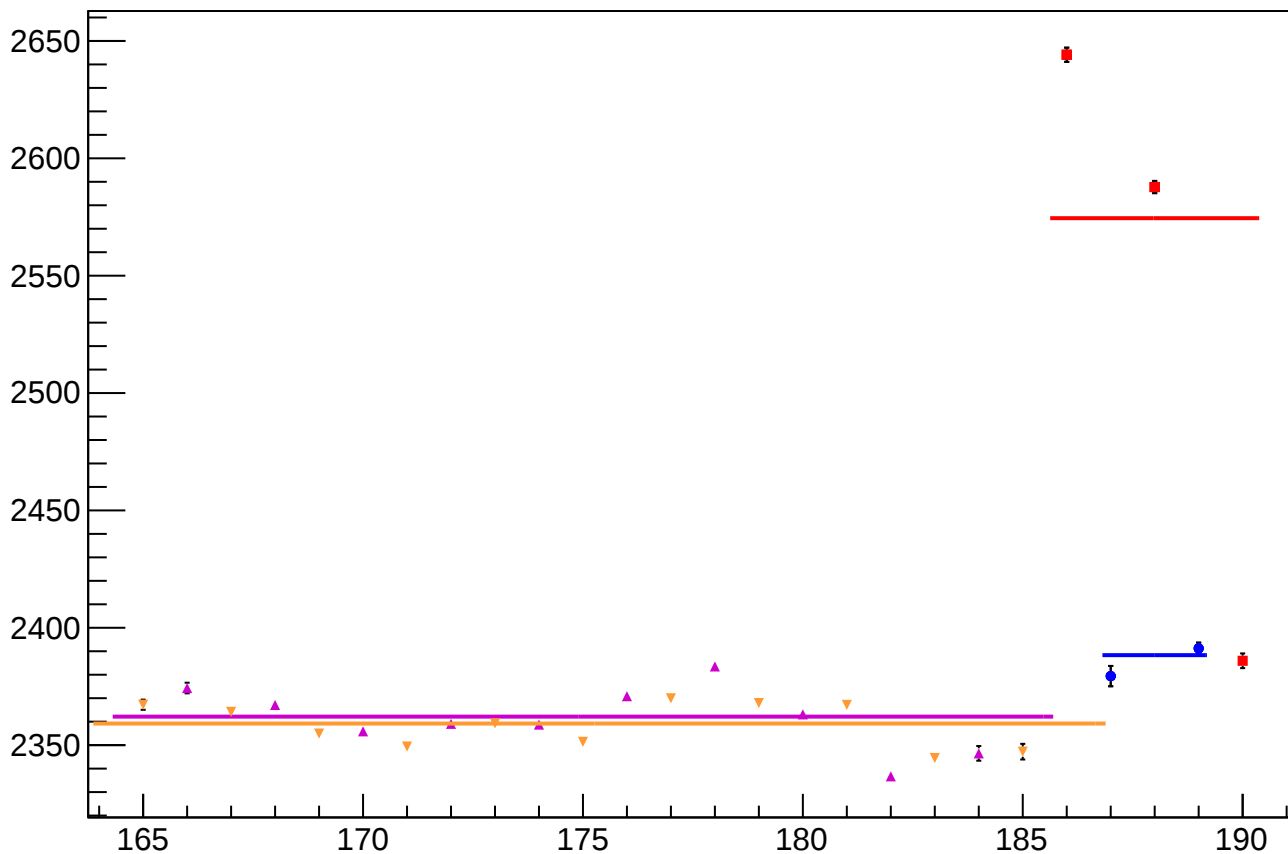
Right: -437.457 ± 1377.588 $\chi^2/\text{NDF}: 8.8/8$

In: 1036.138 ± 814.768 $\chi^2/\text{NDF}: 12.1/13$

Out: -3.019 ± 766.054 $\chi^2/\text{NDF}: 9.6/15$

All: 484.567 ± 558.109 $\chi^2/\text{NDF}: 22.5/29$

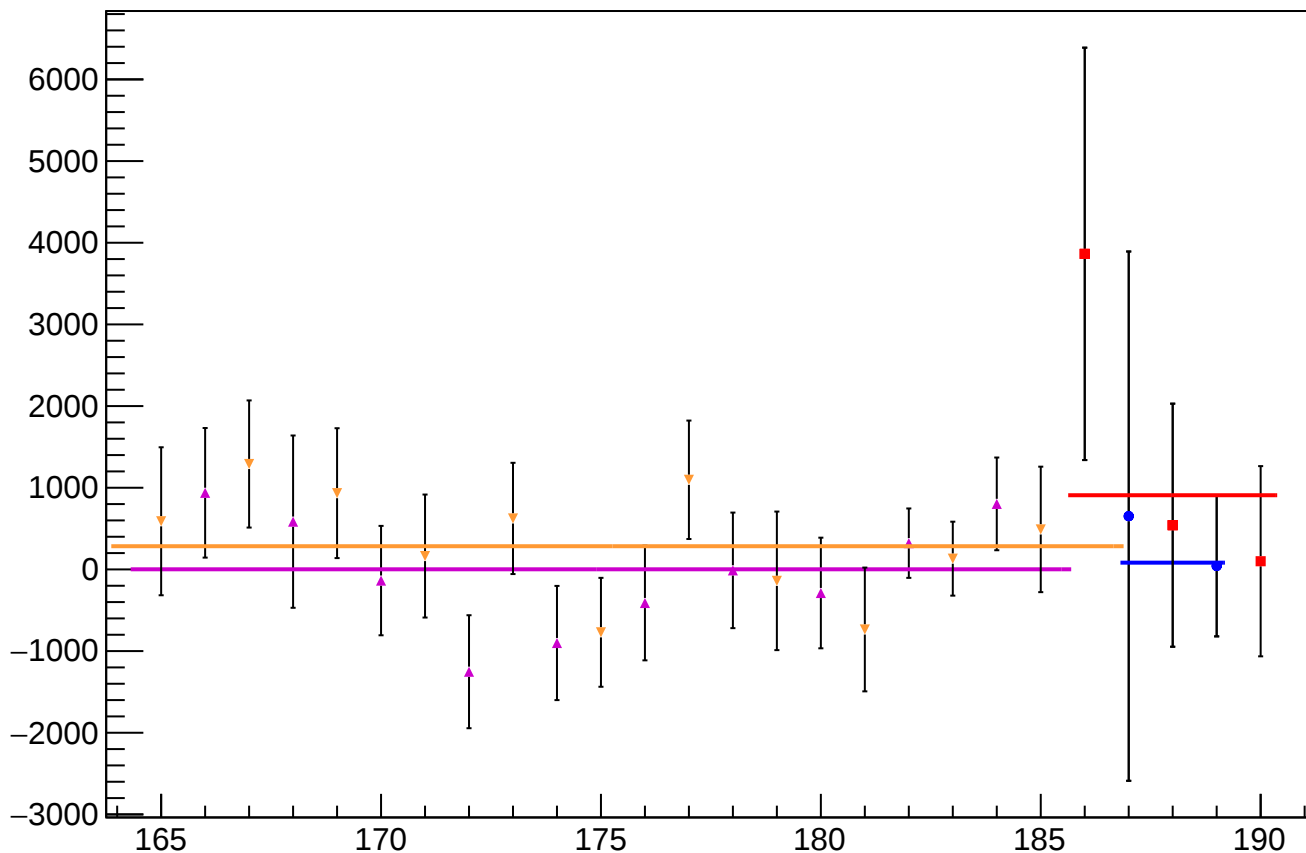
dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2388.337 ± 1.510 $\chi^2/\text{NDF}: 11.3/3$
 Left Out: 2359.203 ± 0.598 $\chi^2/\text{NDF}: 205.8/10$
 Right Out: 2574.499 ± 1.275 $\chi^2/\text{NDF}: 4729.0/4$
 Left In: 2362.148 ± 0.623 $\chi^2/\text{NDF}: 401.2/9$

Left: 2360.615 ± 0.432 $\chi^2/\text{NDF}: 618.7/20$
 Right: 2497.037 ± 0.974 $\chi^2/\text{NDF}: 13614.0/8$
 In: 2365.960 ± 0.576 $\chi^2/\text{NDF}: 669.5/13$
 Out: 2398.076 ± 0.542 $\chi^2/\text{NDF}: 28308.1/15$
 All: 2383.007 ± 0.395 $\chi^2/\text{NDF}: 30626.9/29$

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 82.701+/-589.263 χ^2/NDF : 0.1/3

Left Out: 284.027+/-212.117 χ^2/NDF : 8.7/10

Right Out: 908.354+/-715.351 χ^2/NDF : 3.3/4

Left In: 1.411+/-205.411 χ^2/NDF : 9.8/9

Left: 138.182+/-147.561 χ^2/NDF : 19.4/20

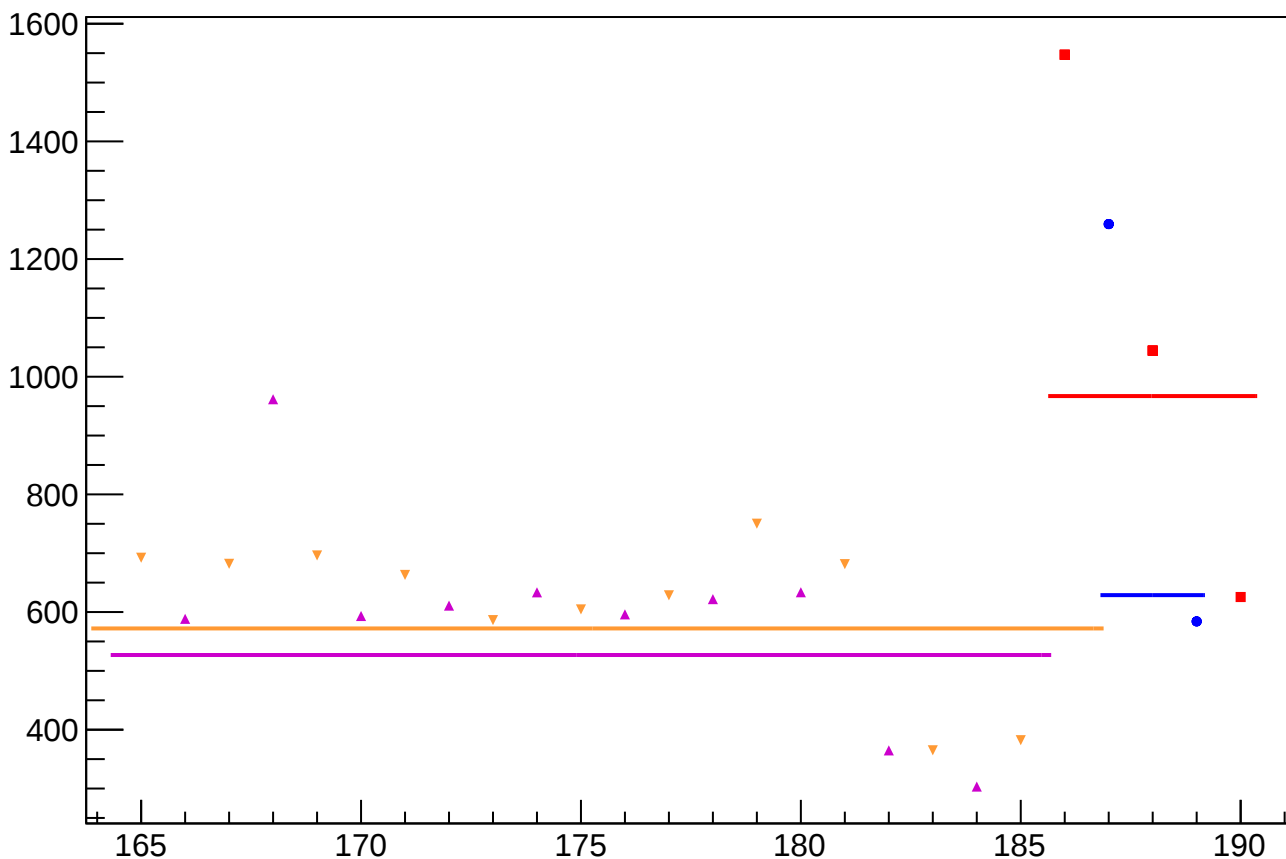
Right: 416.468+/-454.823 χ^2/NDF : 4.2/8

In: 10.219+/-193.964 χ^2/NDF : 9.9/13

Out: 334.485+/-203.365 χ^2/NDF : 12.8/15

All: 164.684+/-140.359 χ^2/NDF : 24.0/29

asym_atl1_correction_rms vs Slug, Sign Corrected



Left: 548.821+/-0.104 χ^2/NDF : 2041889.7/20

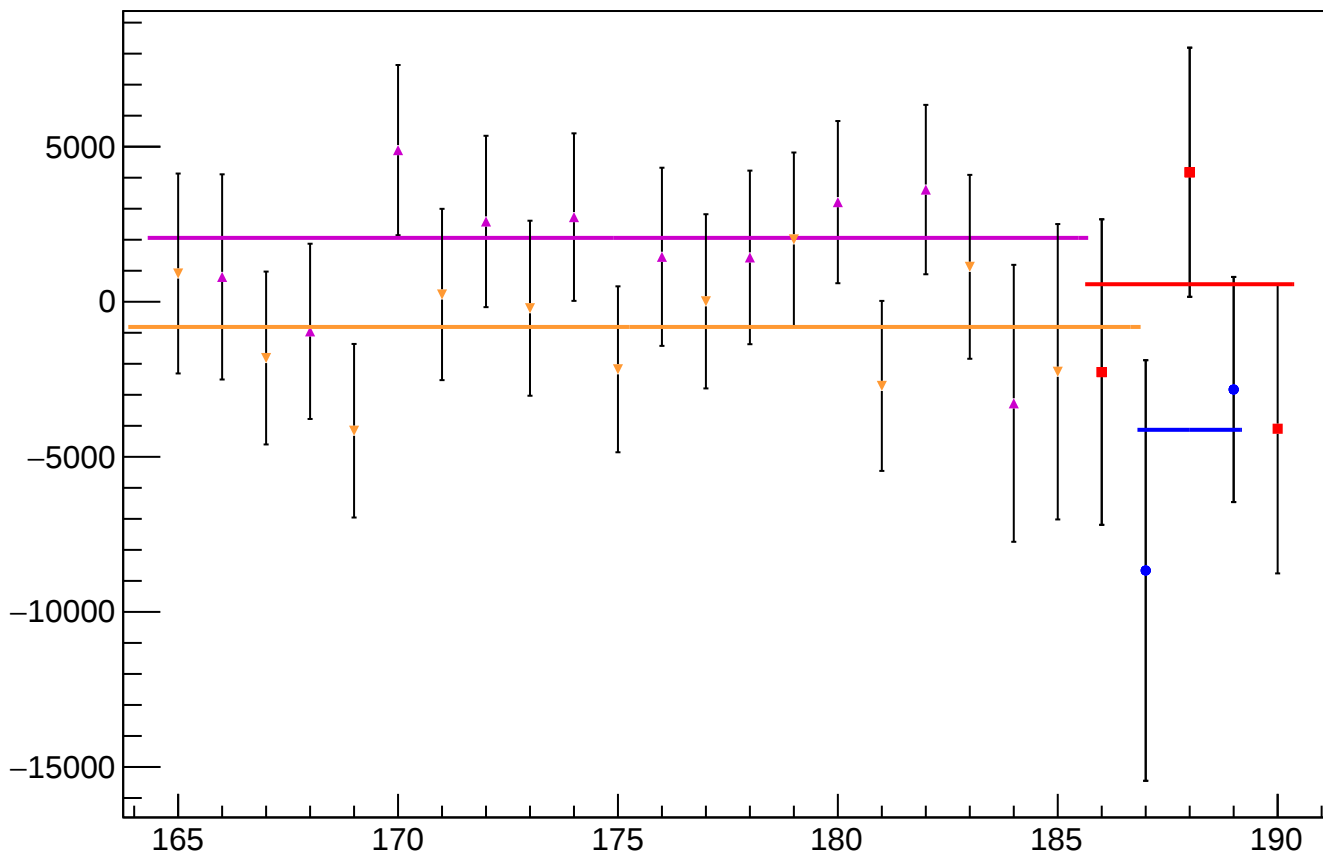
Right: 765.529+/-0.322 χ^2/NDF : 822903.5/8

In: 537.999+/-0.137 χ^2/NDF :1369359.7/13

Out: 604.044+/-0.144 χ^2/NDF :1795776.3/15

All: 569.460+/-0.099 χ^2/NDF : 3275592.3/29

asym_atl1_mean vs Slug, Sign Corrected



Right In: -4128.743 ± 2262.661 $\chi^2/\text{NDF}: 1.2/3$

Left Out: -811.953 ± 878.939 $\chi^2/\text{NDF}: 4.4/10$

Right Out: 565.446 ± 1990.678 $\chi^2/\text{NDF}: 3.3/4$

Left In: 2059.612 ± 913.996 $\chi^2/\text{NDF}: 4.5/9$

Left: 567.704 ± 633.535 $\chi^2/\text{NDF}: 14.0/20$

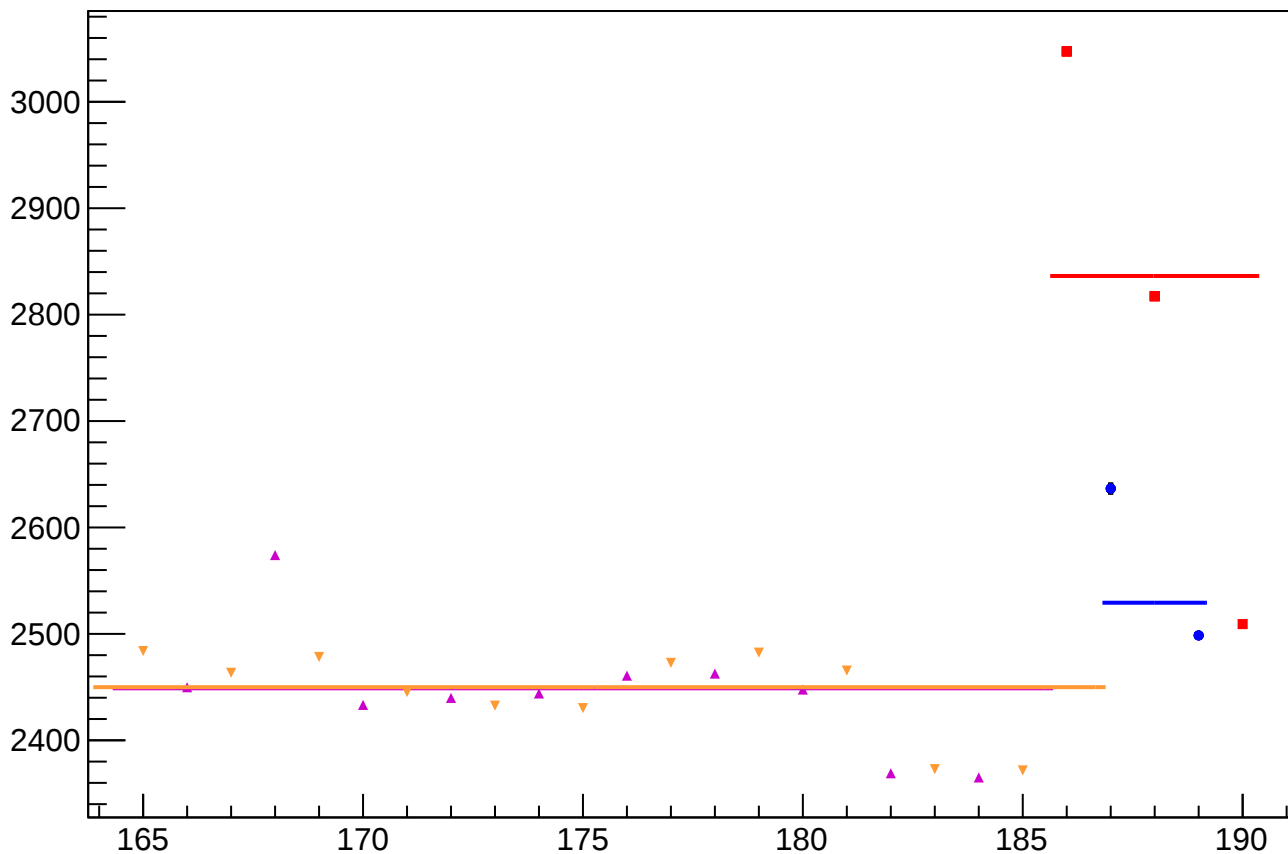
Right: -1482.697 ± 1494.581 $\chi^2/\text{NDF}: 6.9/8$

In: 1191.491 ± 847.466 $\chi^2/\text{NDF}: 12.1/13$

Out: -587.241 ± 804.053 $\chi^2/\text{NDF}: 8.1/15$

All: 255.400 ± 583.295 $\chi^2/\text{NDF}: 22.5/29$

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2529.285 $\pm$ 1.600 χ^2/NDF : 1288.0/3

Left Out: 2449.930 $\pm$ 0.622 χ^2/NDF :3019.8/10

Right Out: 2836.340 $\pm$ 1.408 χ^2/NDF : 17269.5/4

Left In: 2448.862 $\pm$ 0.646 χ^2/NDF :6517.8/9

Left: 2449.417 $\pm$ 0.448 χ^2/NDF : 9539.0/20

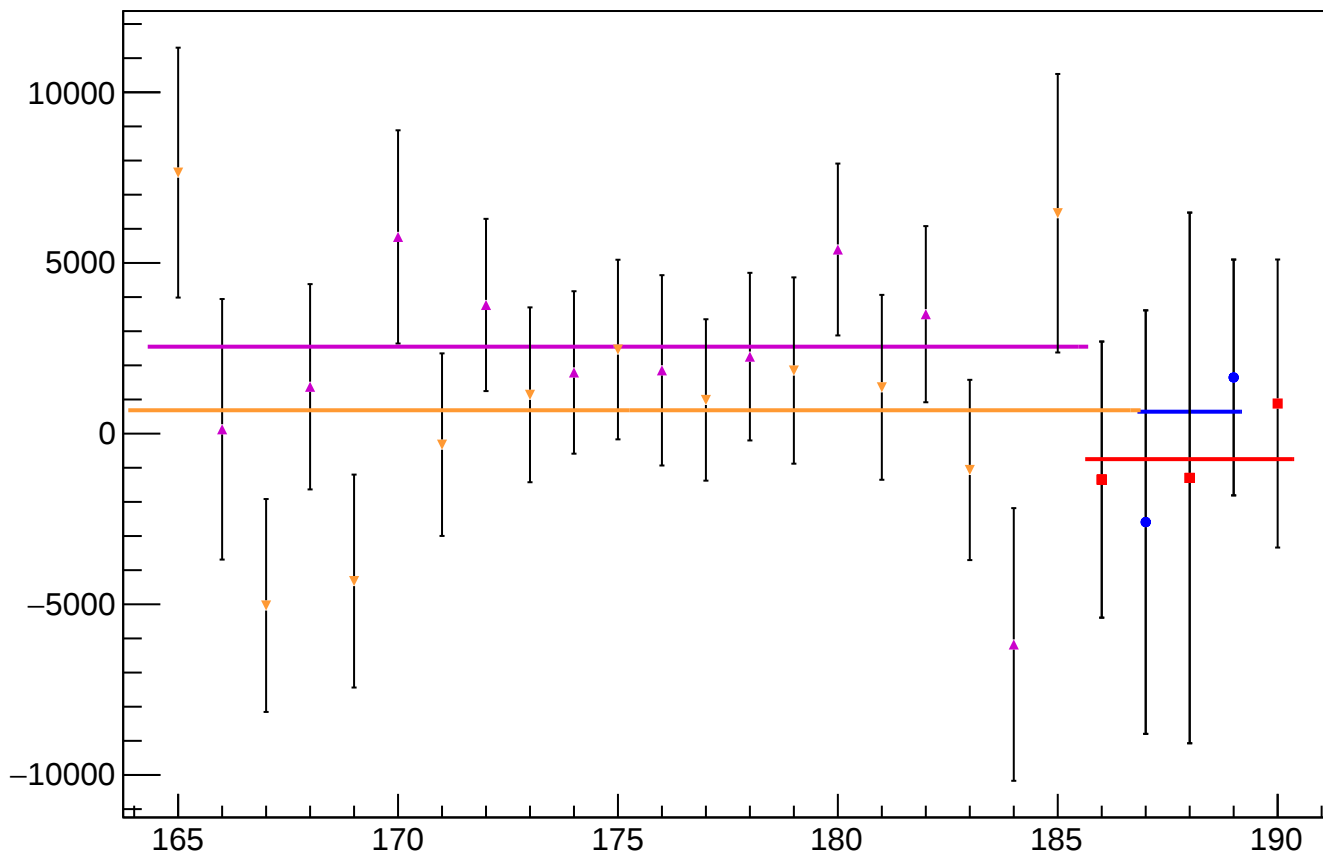
Right: 2702.367 $\pm$ 1.057 χ^2/NDF : 39319.0/8

In: 2460.144 $\pm$ 0.599 χ^2/NDF :9978.0/13

Out: 2512.970 $\pm$ 0.569 χ^2/NDF :83352.4/15

All: 2487.945 $\pm$ 0.412 χ^2/NDF : 97420.0/29

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left: 1584.608+/-614.227 χ^2/NDF : 23.4/20

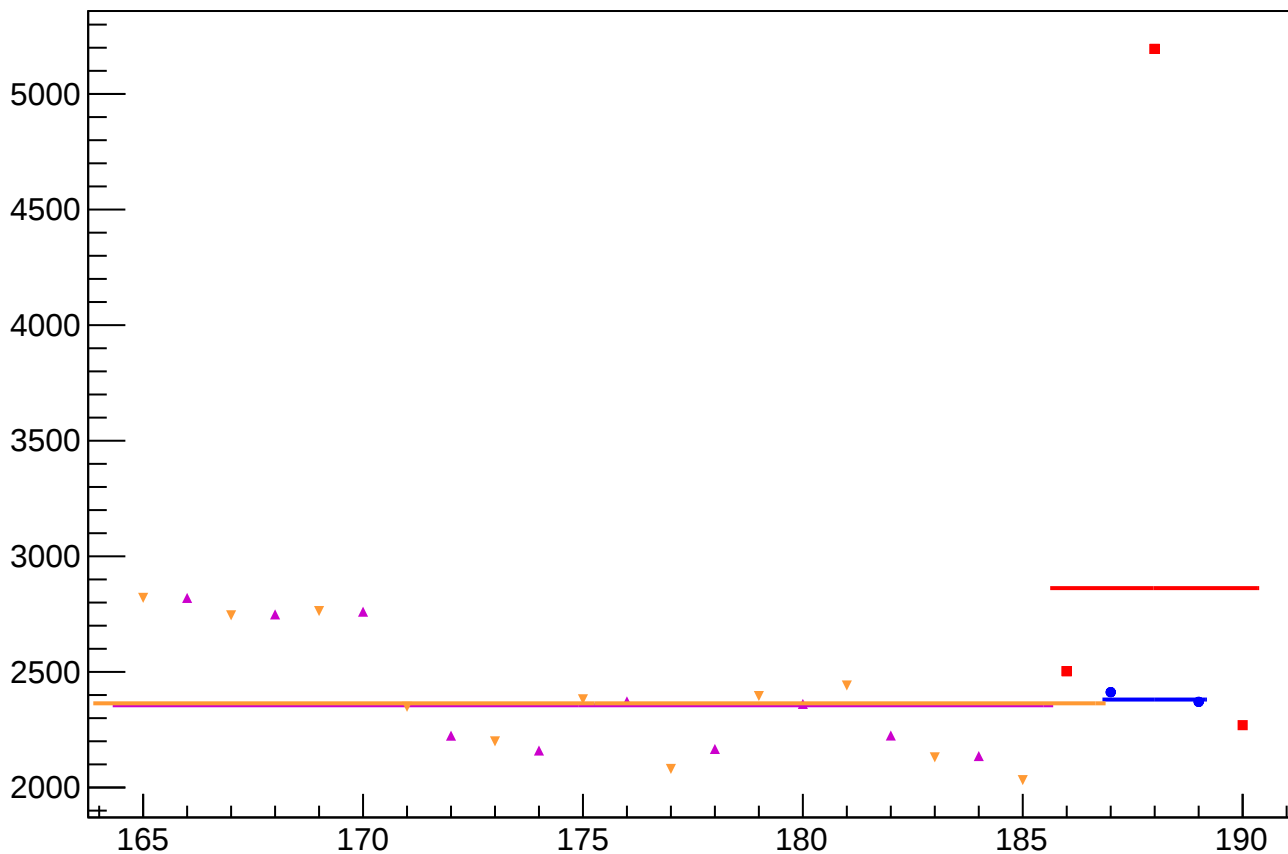
Right: -39.399+/-1522.985 χ^2/NDF : 1.1/8

In: 2268.501+/-816.434 χ^2/NDF :9.6/13

Out: 493.132+/-795.182 χ^2/NDF :13.5/15

All: 1357.411+/-569.644 χ^2/NDF : 25.5/29

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2380.461 ± 1.509 χ^2/NDF : 138.3/3

Left Out: 2364.135 ± 0.604 χ^2/NDF : 161650.4/10

Right Out: 2862.461 ± 1.537 χ^2/NDF : 431103.2/4

Left In: 2355.715 ± 0.625 χ^2/NDF : 139457.7/9

Left: 2360.067 ± 0.434 χ^2/NDF : 301202.0/20

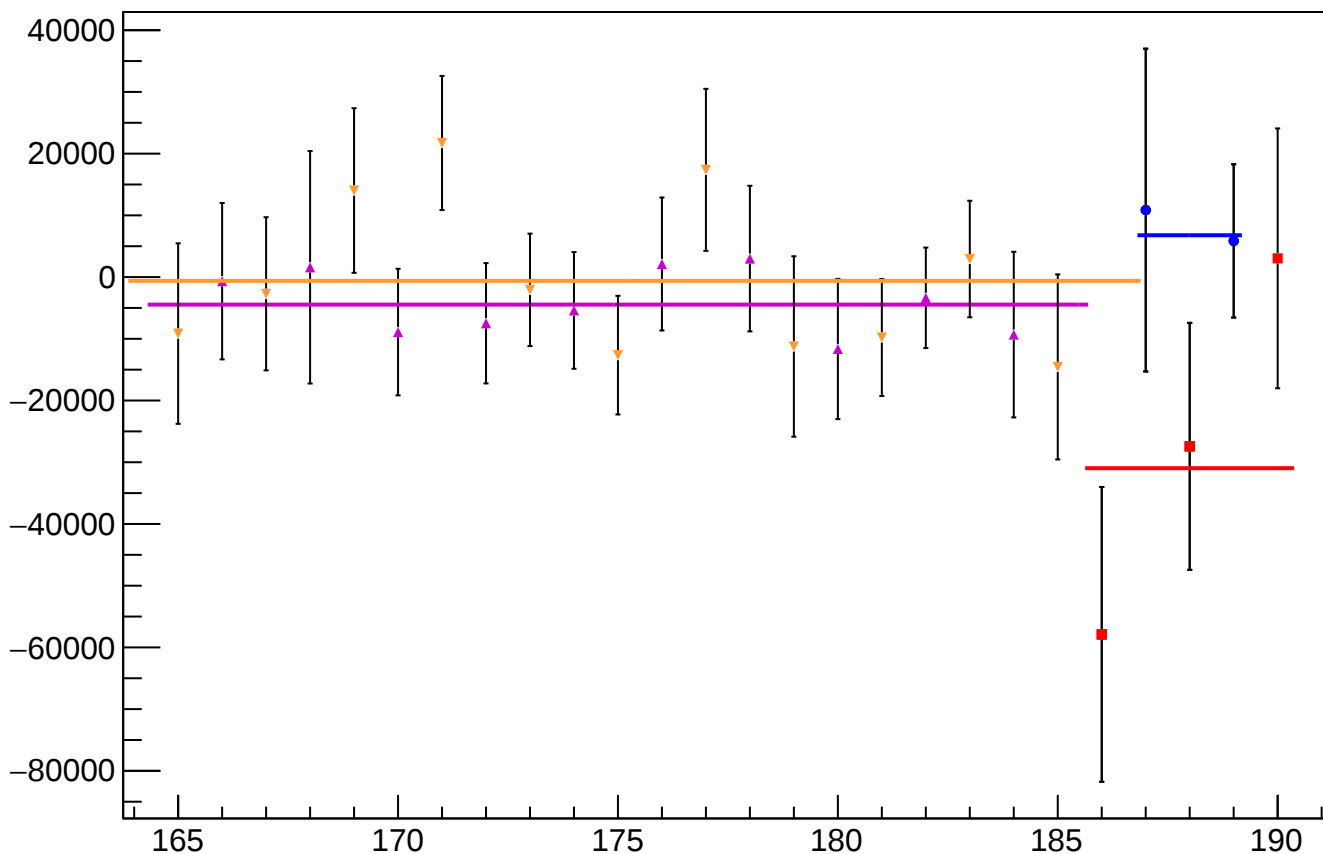
Right: 2616.959 ± 1.077 χ^2/NDF : 481304.8/8

In: 2359.337 ± 0.577 χ^2/NDF : 139825.6/13

Out: 2430.791 ± 0.562 χ^2/NDF : 683762.5/15

All: 2396.006 ± 0.403 χ^2/NDF : 831449.8/29

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left: -2522.959+/-2426.196 χ^2/NDF : 14.2/20

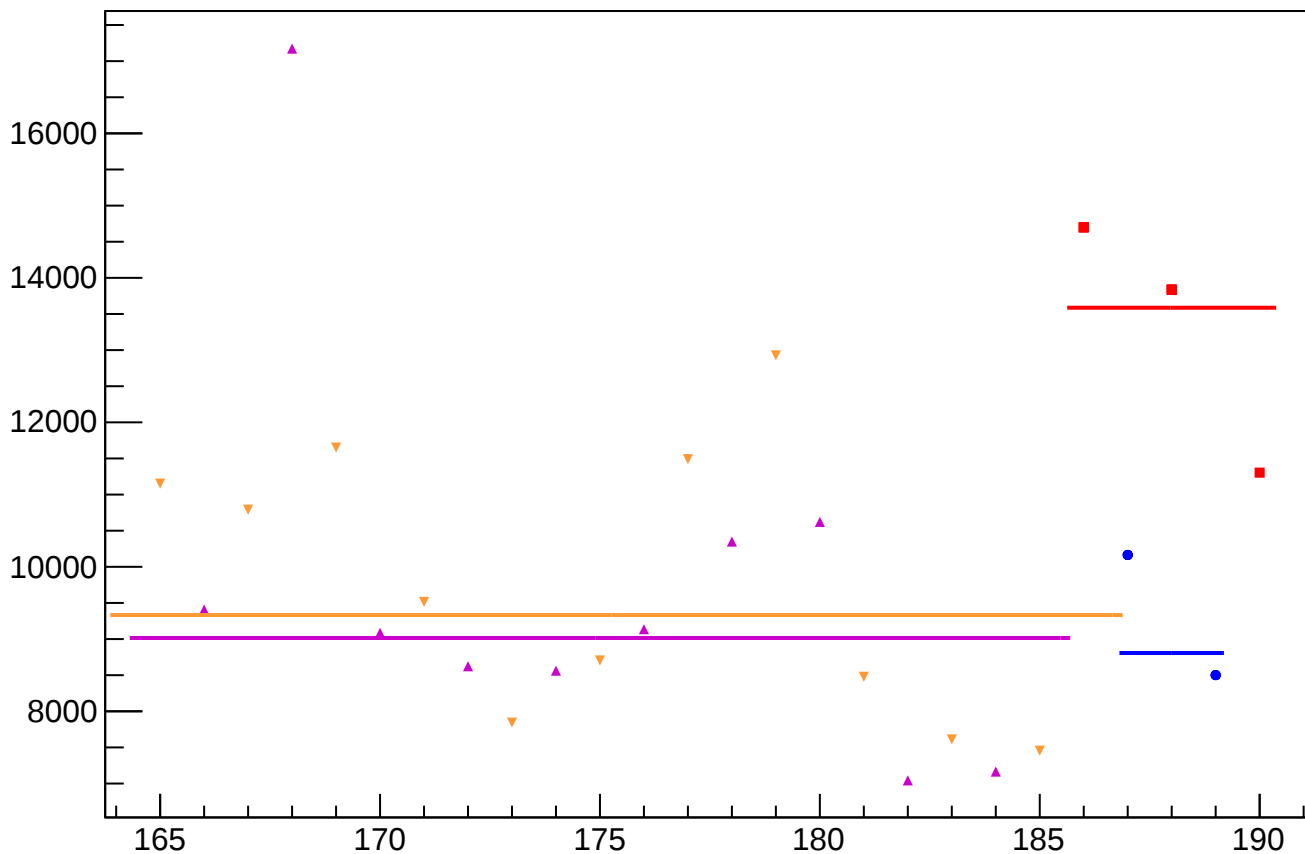
Right: -8454.147+/-6124.890 χ^2/NDF : 14.4/8

In: -2679.152+/-3156.442 χ^2/NDF :3.6/13

Out: -4003.978+/-3224.654 χ^2/NDF :25.8/15

All: -3327.405+/-2255.671 χ^2/NDF : 29.4/29

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 8807.028 $\pm$ 5.608 χ^2/NDF : 13212.4/3

Left Out: 9332.362 $\pm$ 2.420 χ^2/NDF : 470714.8/10

Right Out: 13586.604 $\pm$ 6.817 χ^2/NDF : 32829.8/4

Left In: 9015.022 $\pm$ 2.433 χ^2/NDF : 606444.1/9

Left: 9174.569 $\pm$ 1.716 χ^2/NDF : 1085712.6/20

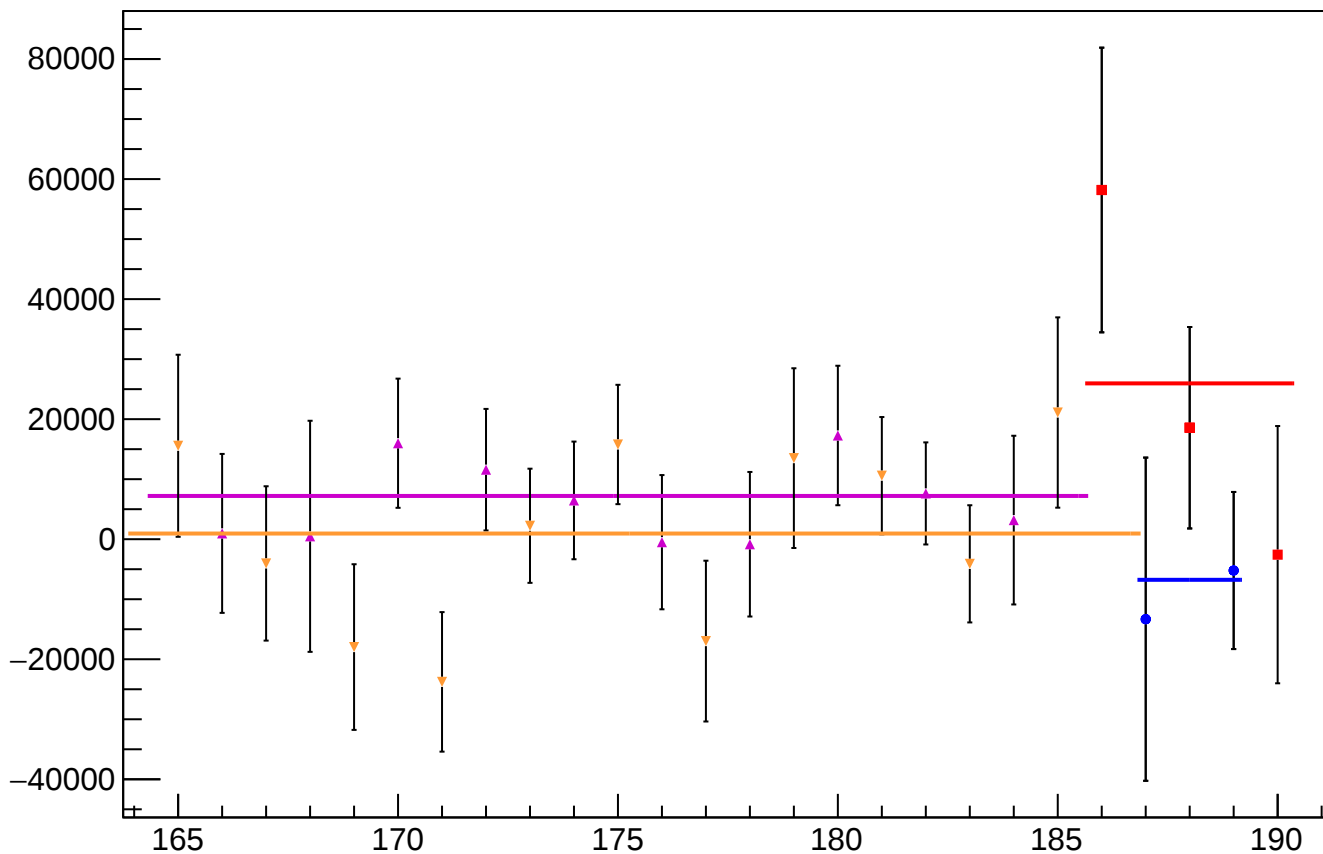
Right: 10736.003 $\pm$ 4.331 χ^2/NDF : 339196.5/8

In: 8982.077 $\pm$ 2.232 χ^2/NDF : 620814.1/13

Out: 9808.277 $\pm$ 2.280 χ^2/NDF : 849398.1/15

All: 9386.346 $\pm$ 1.595 χ^2/NDF : 1537261.0/29

asym_atl2_mean vs Slug, Sign Corrected



Right In: -6765.713 ± 8323.022 $\chi^2/\text{NDF}: 0.1/3$

Left Out: 944.765 ± 3553.226 $\chi^2/\text{NDF}: 15.1/10$

Right Out: 25961.057 ± 8826.860 $\chi^2/\text{NDF}: 5.9/4$

Left In: 7207.675 ± 3571.659 $\chi^2/\text{NDF}: 3.0/9$

Left: 4060.016 ± 2519.002 $\chi^2/\text{NDF}: 19.6/20$

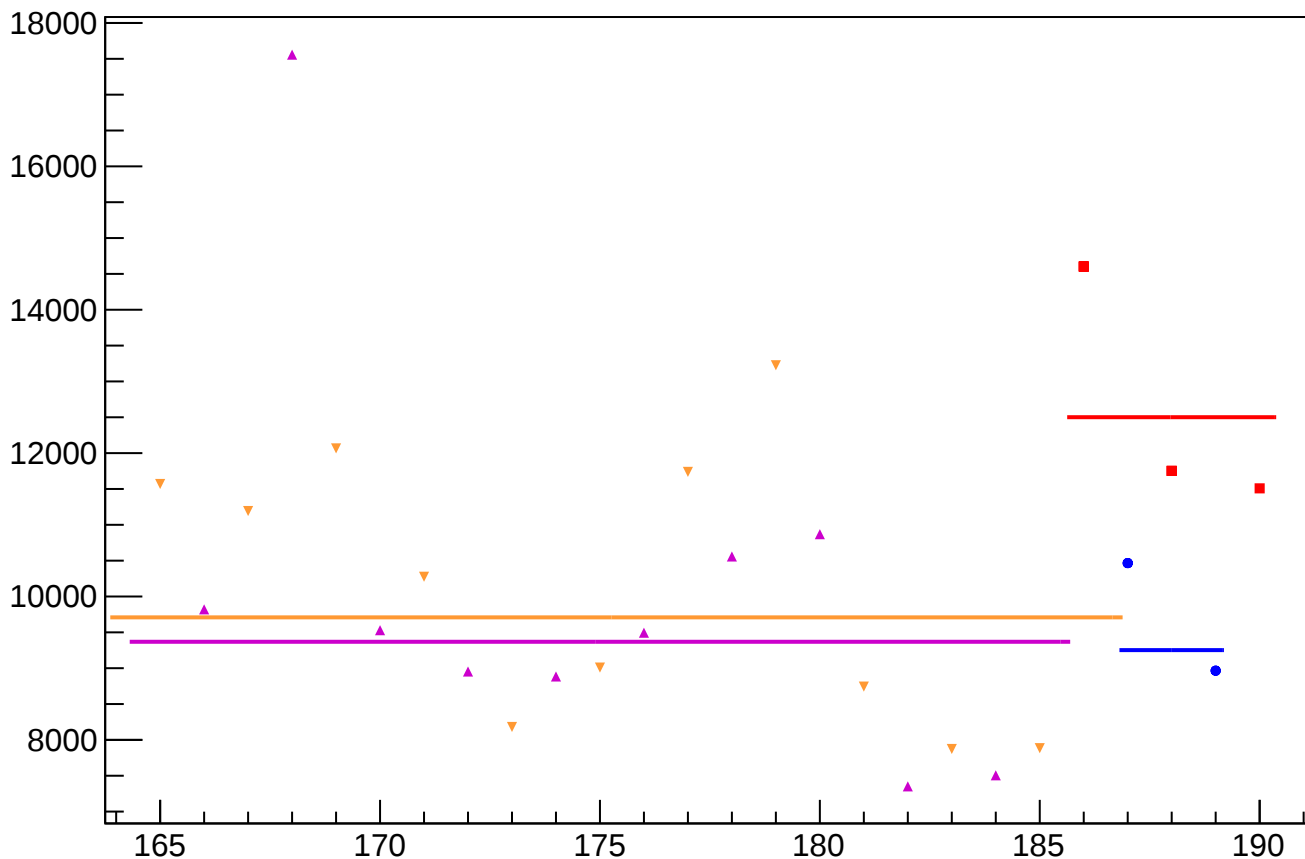
Right: 8637.037 ± 6055.553 $\chi^2/\text{NDF}: 13.3/8$

In: 5034.613 ± 3282.209 $\chi^2/\text{NDF}: 5.5/13$

Out: 4433.222 ± 3296.184 $\chi^2/\text{NDF}: 27.8/15$

All: 4735.195 ± 2325.797 $\chi^2/\text{NDF}: 33.3/29$

asym_atl2_rms vs Slug, Sign Corrected



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

Left: 9539.642+/-1.781 χ^2/NDF : 1037256.5/20

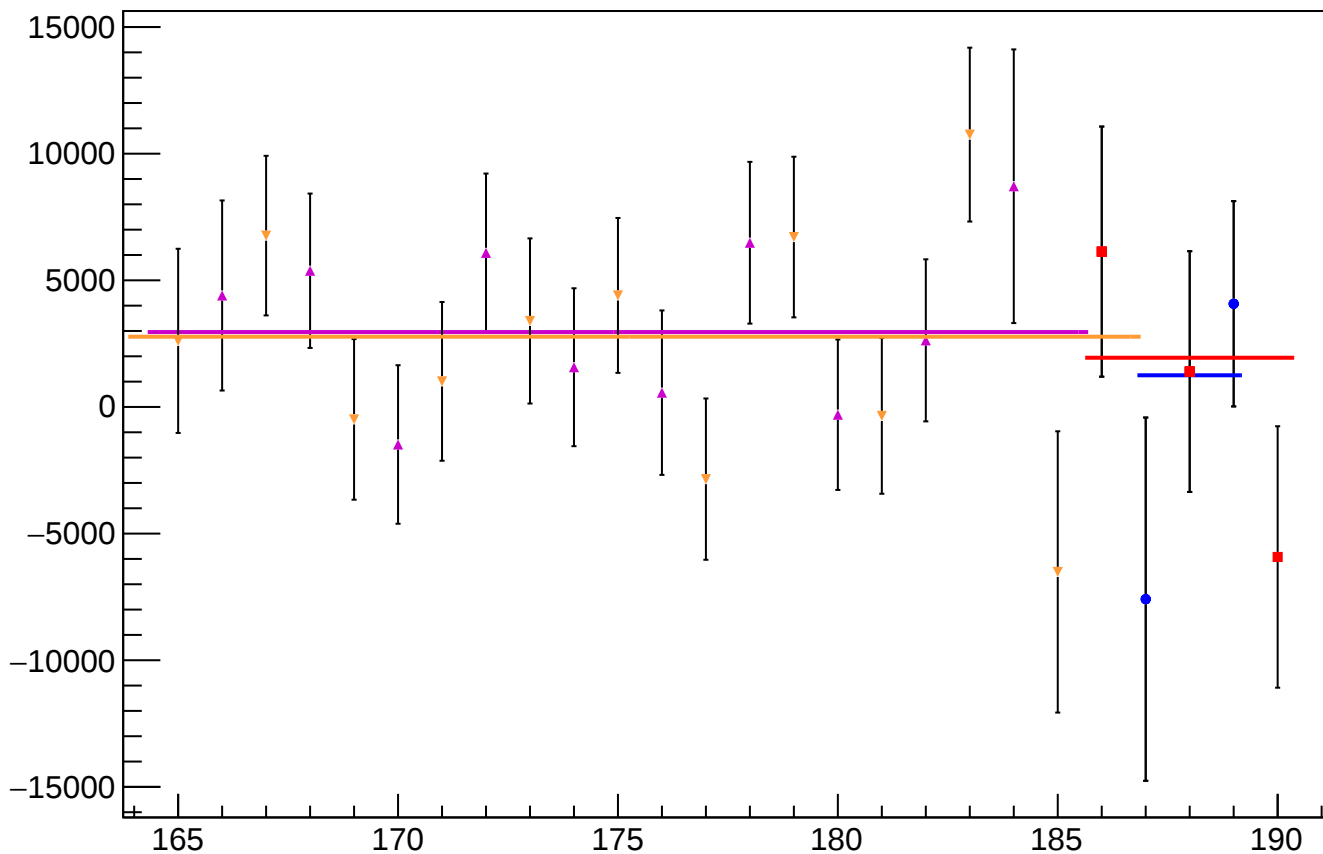
Right: 10781.228+/-4.282 χ^2/NDF : 197136.7/8

In: 9350.439+/-2.321 χ^2/NDF : 584108.8/13

Out: 10098.328+/-2.331 χ^2/NDF : 670258.2/15

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

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1250.581 $\pm$ 2494.814 χ^2/NDF : 4.0/3

Left Out: 2773.636 $\pm$ 1000.045 χ^2/NDF : 17.2/10

Right Out: 1943.436 $\pm$ 2192.064 χ^2/NDF : 3.8/4

Left In: 2957.498 $\pm$ 1040.364 χ^2/NDF : 8.1/9

Left: 2861.935 $\pm$ 720.971 χ^2/NDF : 25.3/20

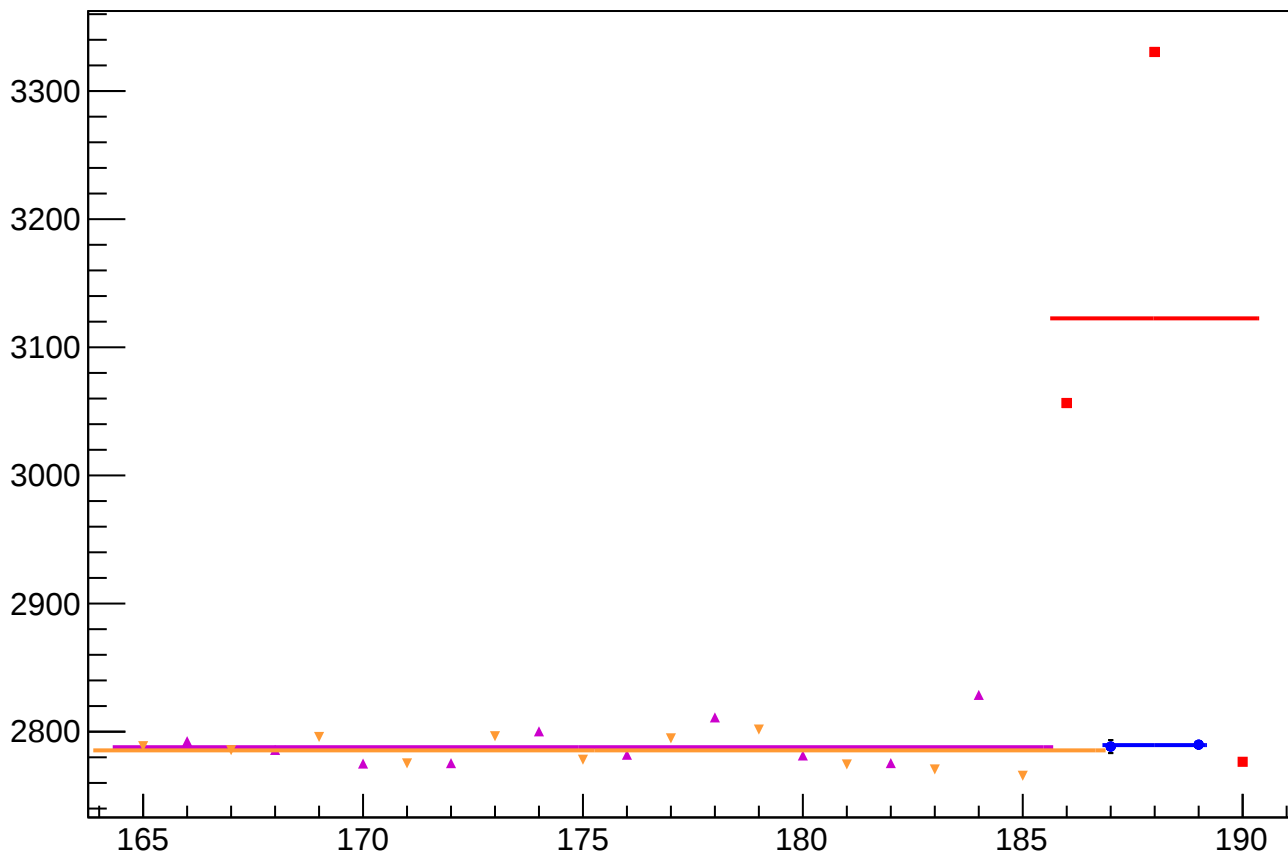
Right: 1641.577 $\pm$ 1646.715 χ^2/NDF : 7.8/8

In: 2704.640 $\pm$ 960.219 χ^2/NDF : 12.5/13

Out: 2630.614 $\pm$ 909.835 χ^2/NDF : 21.1/15

All: 2665.634 $\pm$ 660.444 χ^2/NDF : 33.6/29

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left: 2786.601+/-0.510 χ^2/NDF : 609.7/20

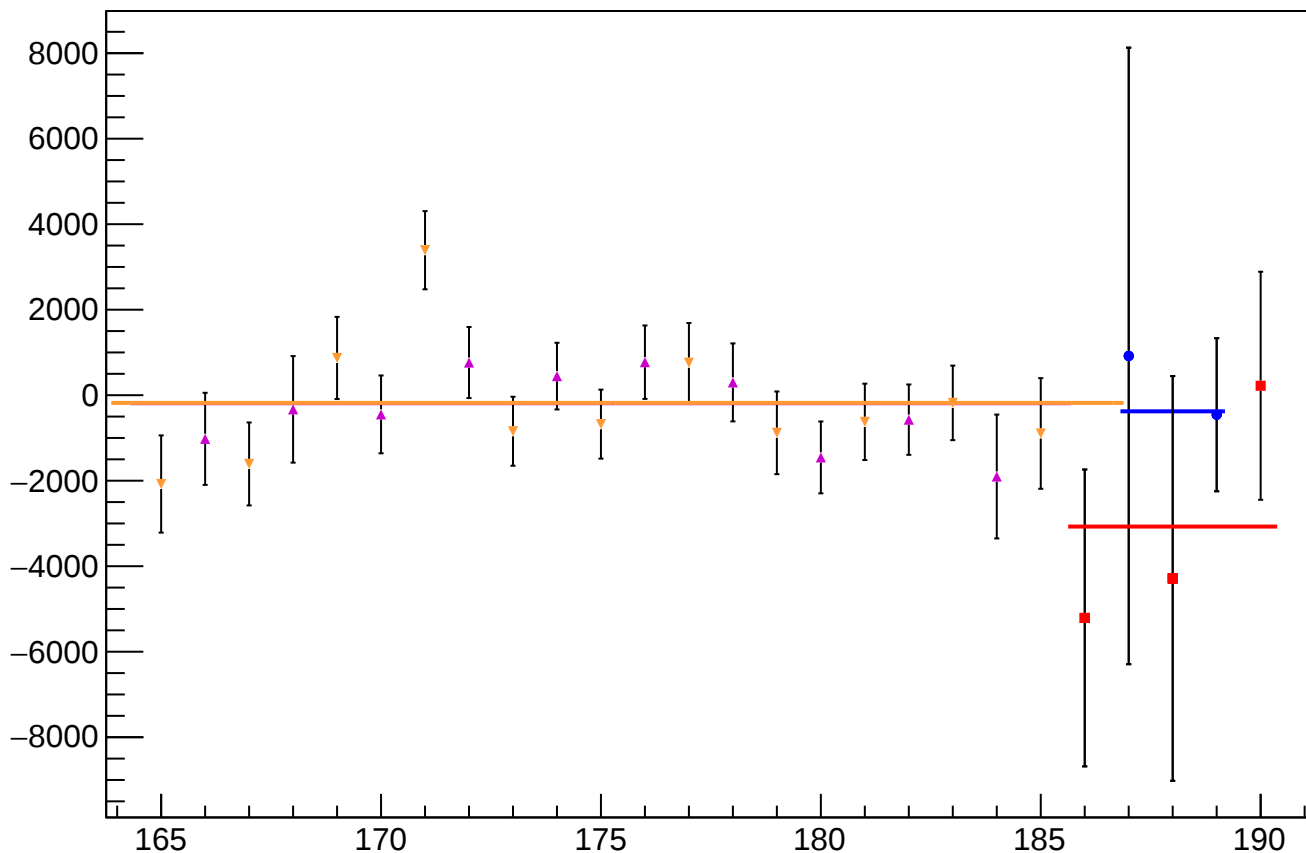
Right: 2977.477+/-1.164 χ^2/NDF : 37478.1/8

In: 2788.127+/-0.679 χ^2/NDF : 367.7/13

Out: 2843.500+/-0.643 χ^2/NDF : 56764.7/15

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

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -376.875 $\pm$ 1228.658 χ^2/NDF : 0.1/3

Left Out: -179.839 $\pm$ 281.887 χ^2/NDF :24.6/10

Right Out: -3072.691 $\pm$ 1589.598 χ^2/NDF : 2.4/4

Left In: -187.400 $\pm$ 291.961 χ^2/NDF :8.1/9

Left: -183.487 $\pm$ 202.792 χ^2/NDF : 32.6/20

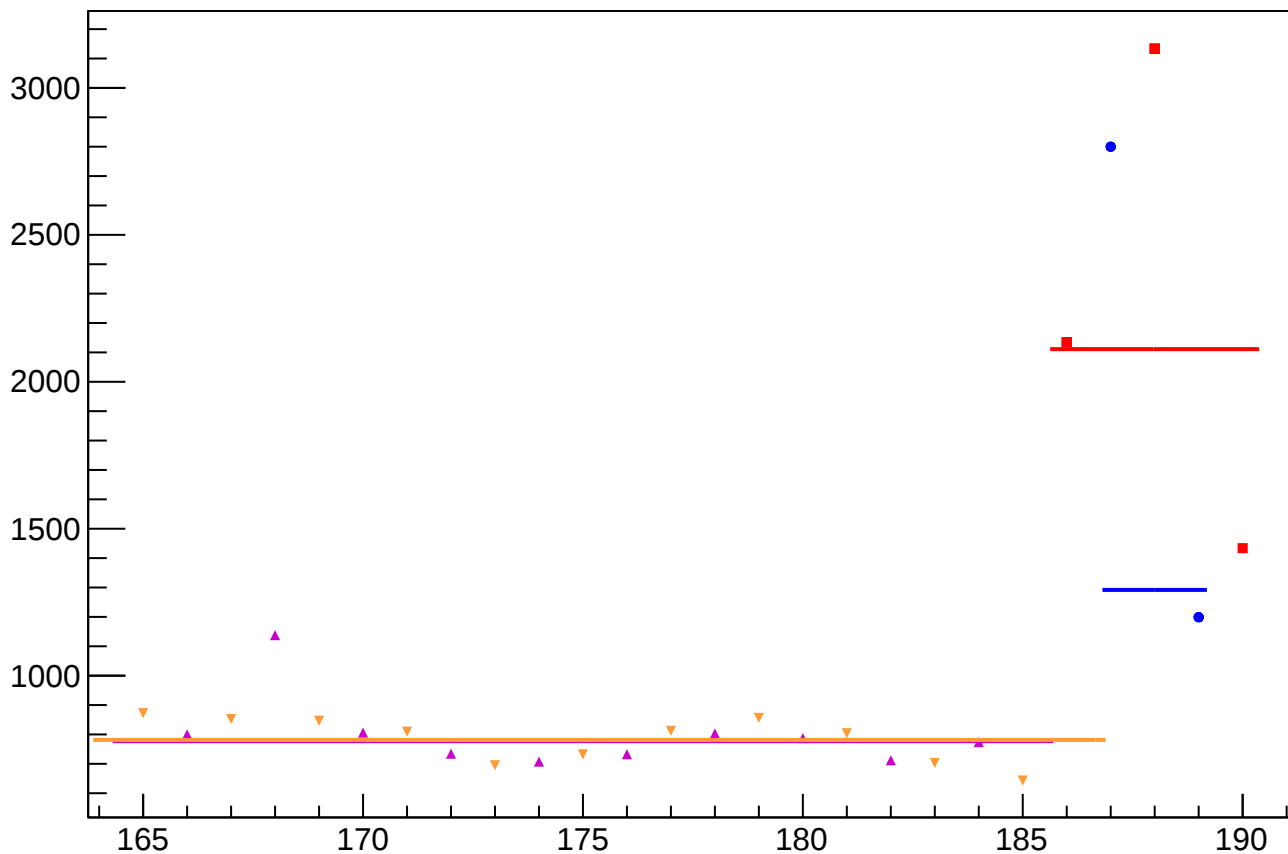
Right: -1385.096 $\pm$ 972.121 χ^2/NDF : 4.3/8

In: -197.527 $\pm$ 284.052 χ^2/NDF :8.2/13

Out: -268.036 $\pm$ 277.556 χ^2/NDF :30.2/15

All: -233.597 $\pm$ 198.519 χ^2/NDF : 38.4/29

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1291.795 $\pm$ 0.869 χ^2/NDF : 185766.2/3

Left Out: 781.406 $\pm$ 0.199 χ^2/NDF :119425.5/10

Right Out: 2111.195 $\pm$ 1.124 χ^2/NDF : 315800.3/4

Left In: 777.162 $\pm$ 0.206 χ^2/NDF :211571.8/9

Left: 779.359 $\pm$ 0.143 χ^2/NDF : 331216.0/20

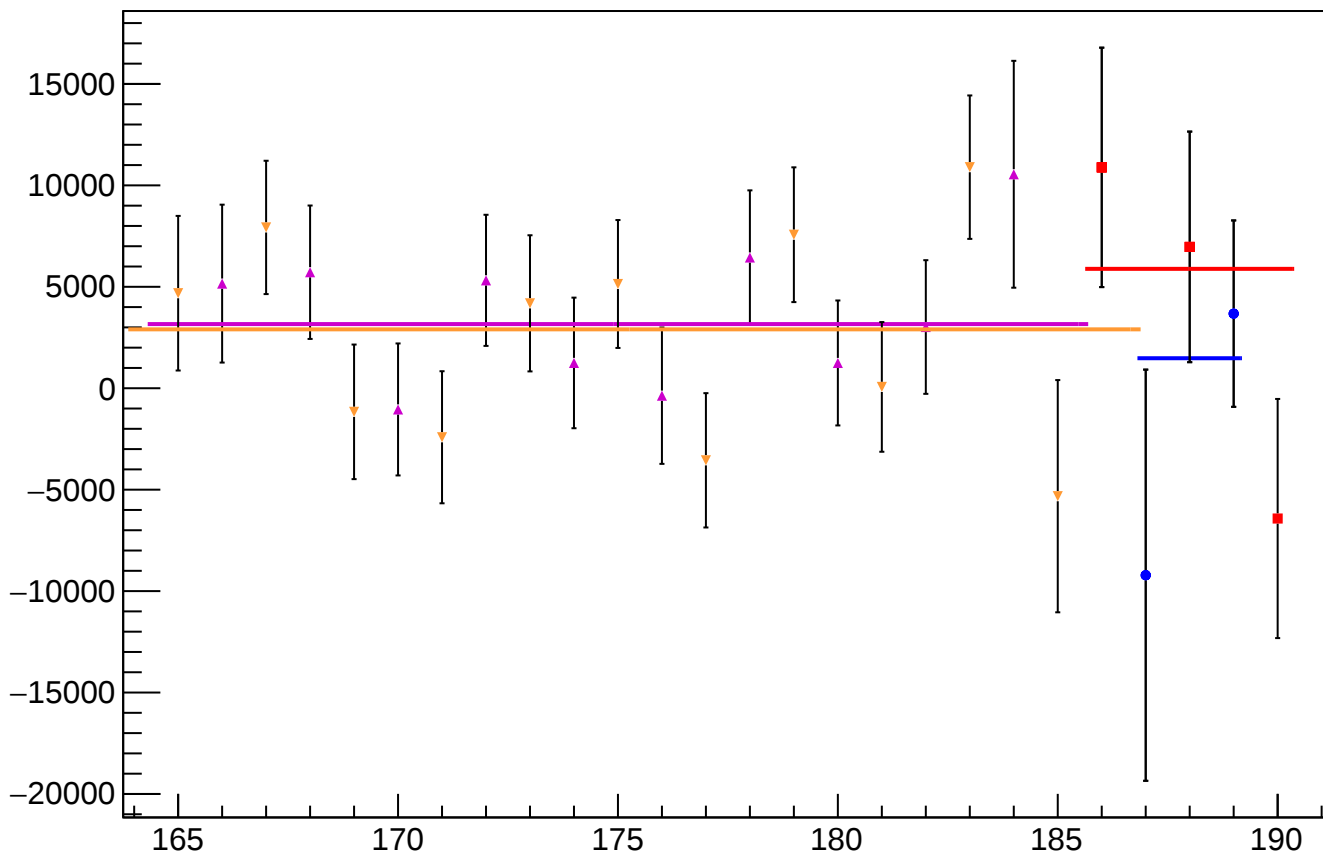
Right: 1598.247 $\pm$ 0.687 χ^2/NDF : 834245.3/8

In: 804.669 $\pm$ 0.201 χ^2/NDF :729467.1/13

Out: 821.949 $\pm$ 0.196 χ^2/NDF :1792207.4/15

All: 813.509 $\pm$ 0.140 χ^2/NDF : 2525461.0/29

asym_atr1_mean vs Slug, Sign Corrected



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

Left: 3027.429 $\pm$ 749.287 χ^2 /NDF: 28.7/20

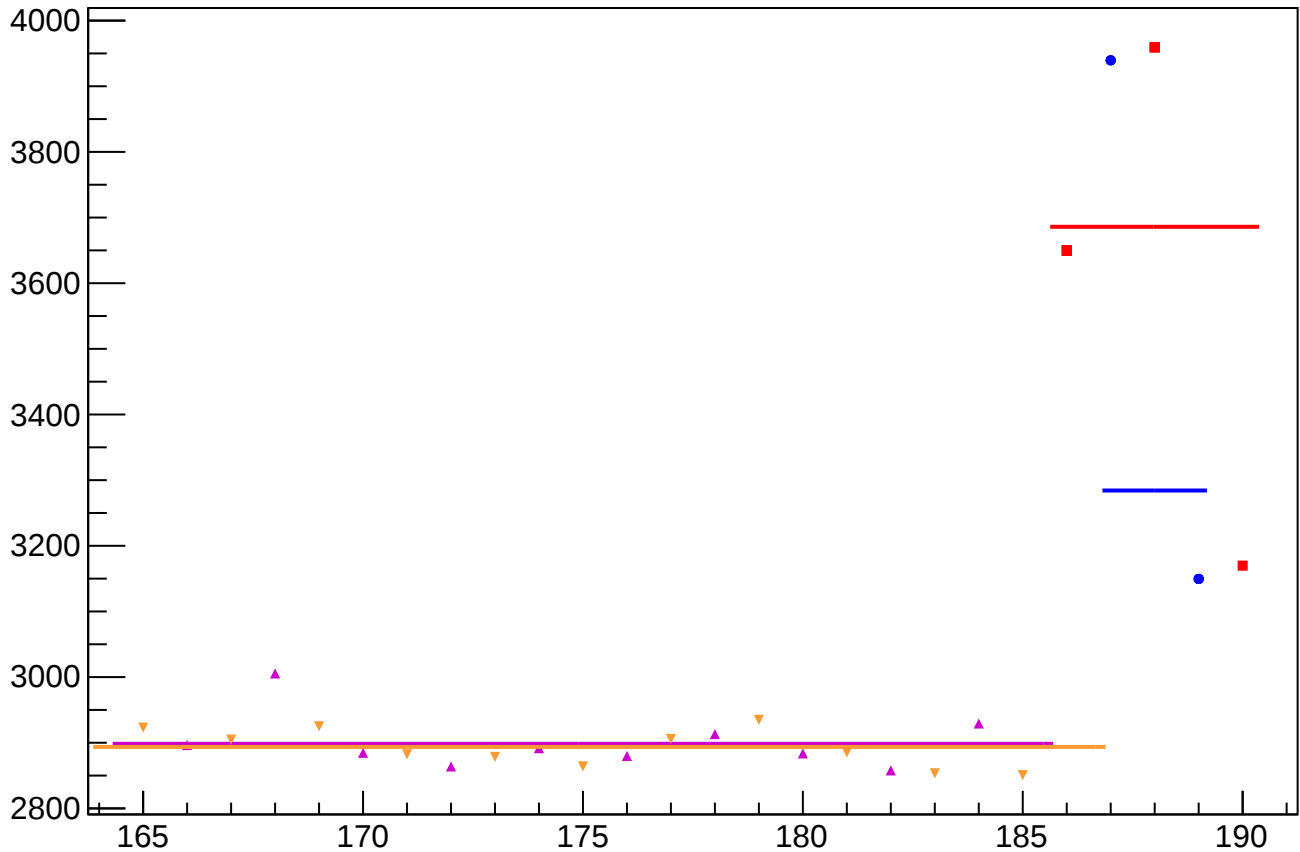
Right: 3966.621 $\pm$ 1952.289 χ^2 /NDF: 9.8/8

In: 2964.140 $\pm$ 1015.901 χ^2 /NDF:10.5/13

Out: 3313.806 $\pm$ 964.668 χ^2 /NDF:28.1/15

All: 3148.012 $\pm$ 699.534 χ^2 /NDF: 38.7/29

asym_atr1_rms vs Slug, Sign Corrected



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

Left: 2895.925 $\pm$ 0.530 χ^2 /NDF: 4210.0/20

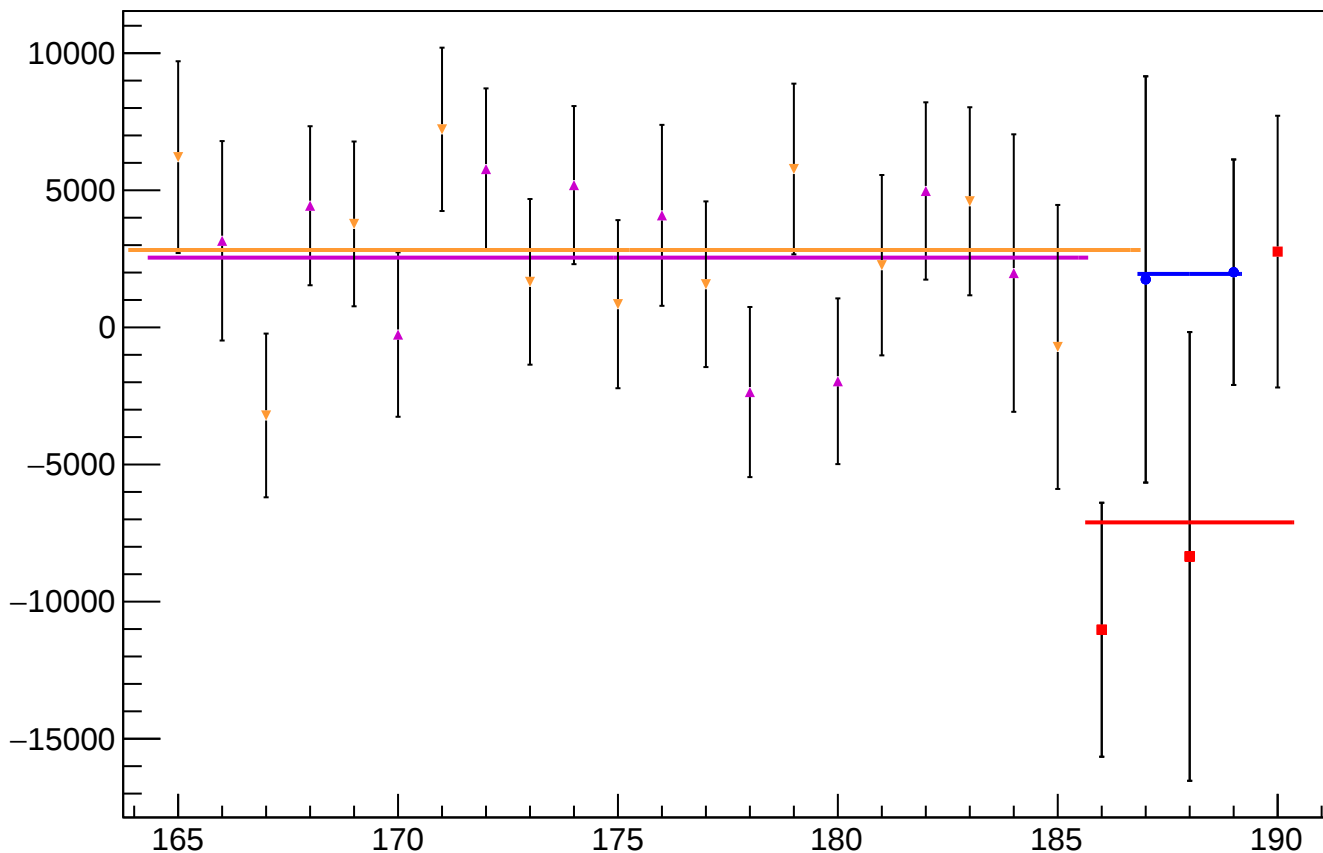
Right: 3511.024 $\pm$ 1.380 χ^2 /NDF: 65715.6/8

In: 2943.878 $\pm$ 0.718 χ^2 /NDF:53067.4/13

Out: 3002.867 $\pm$ 0.682 χ^2 /NDF:186355.3/15

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

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left: 2688.799+/-699.646 χ^2/NDF : 18.6/20

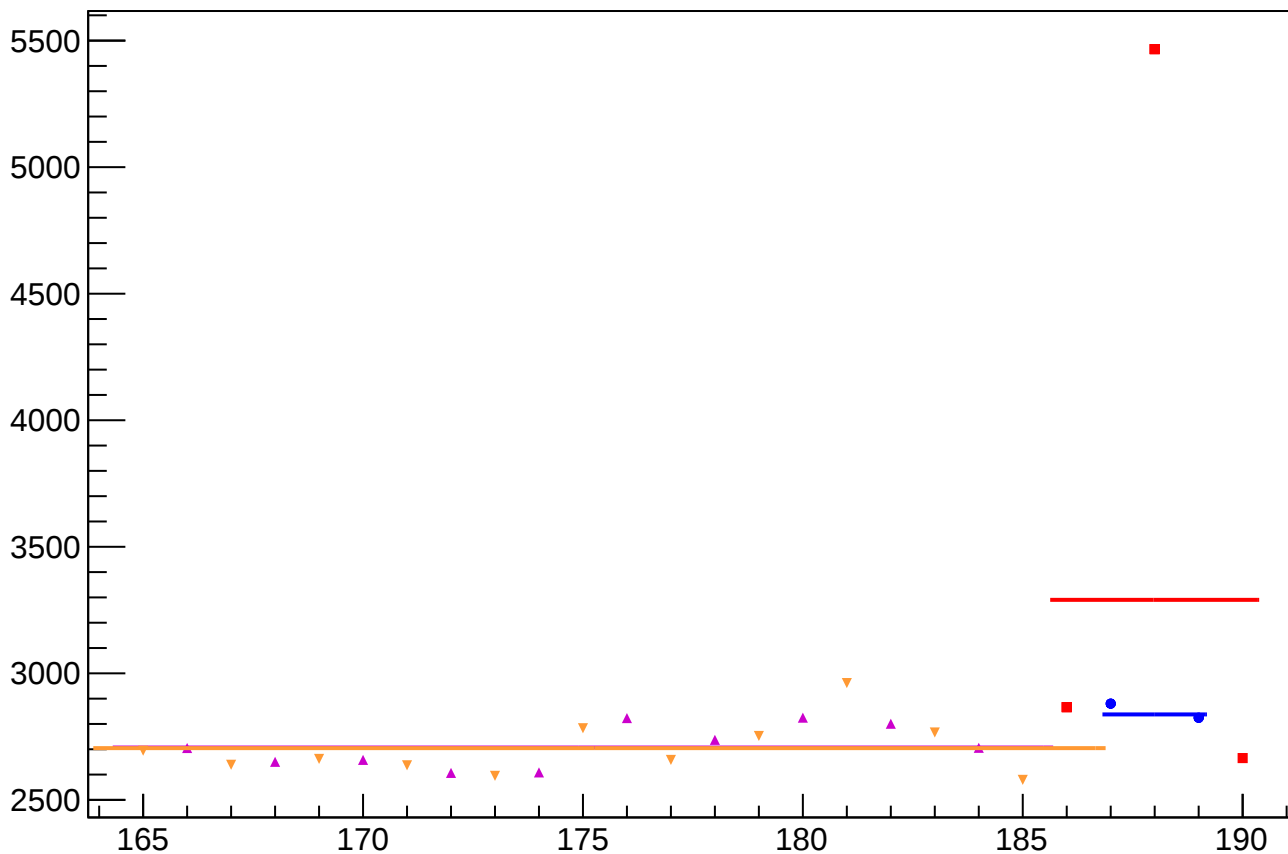
Right: -2709.504+/-1771.534 χ^2/NDF : 12.0/8

In: 2463.327+/-938.022 χ^2/NDF : 8.9/13

Out: 1493.814+/-903.505 χ^2/NDF : 29.2/15

All: 1960.405+/-650.735 χ^2/NDF : 38.7/29

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2837.667+/-1.797 χ^2/NDF : 173.5/3

Left Out: 2704.466+/-0.686 χ^2/NDF : 21362.7/10

Right Out: 3290.366+/-1.747 χ^2/NDF : 348297.4/4

Left In: 2706.909+/-0.714 χ^2/NDF : 13356.5/9

Left: 2705.640+/-0.495 χ^2/NDF : 34725.3/20

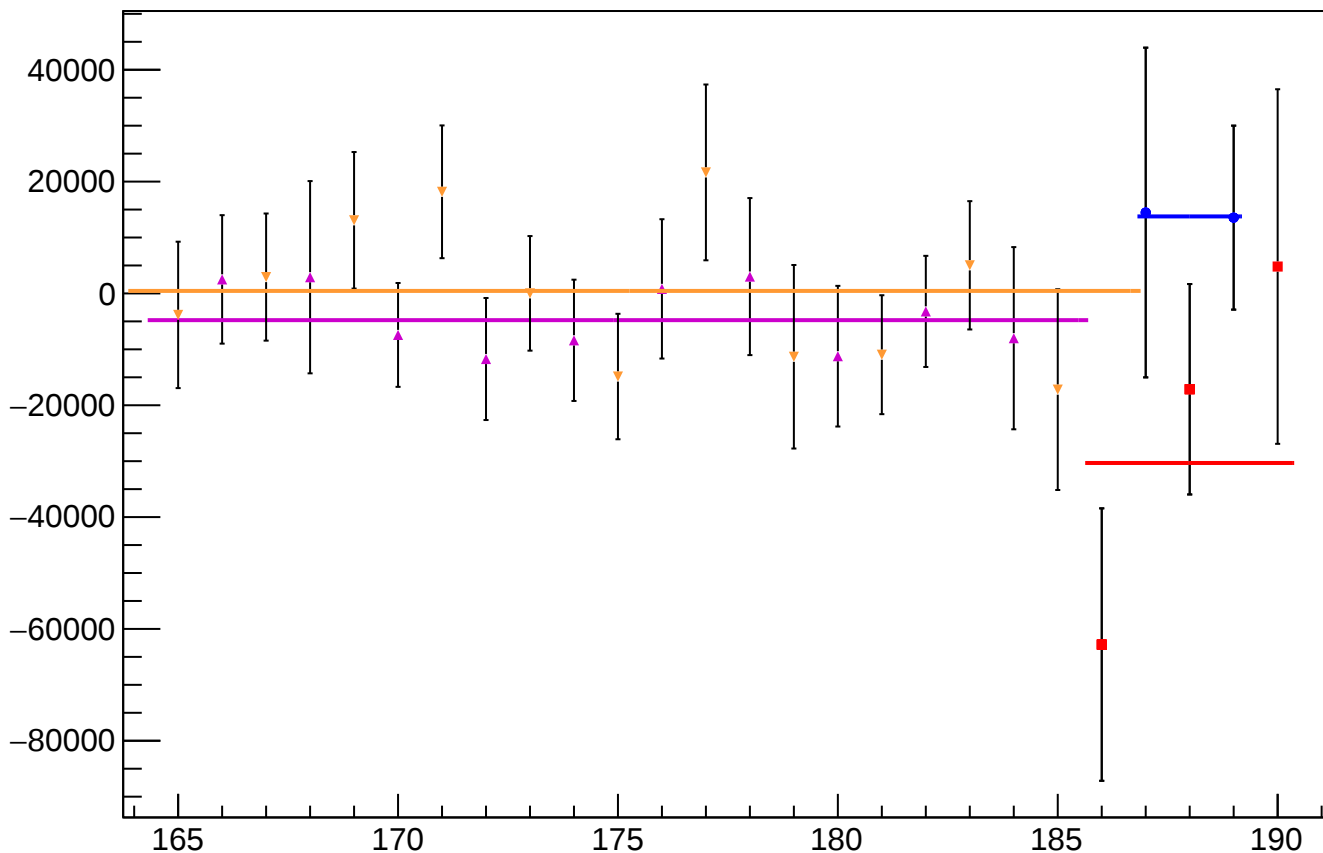
Right: 3070.486+/-1.253 χ^2/NDF : 381094.8/8

In: 2724.715+/-0.663 χ^2/NDF : 18101.6/13

Out: 2782.844+/-0.639 χ^2/NDF : 467118.3/15

All: 2754.869+/-0.460 χ^2/NDF : 489204.0/29

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left: -2147.230+/-2641.418 χ^2/NDF : 12.9/20

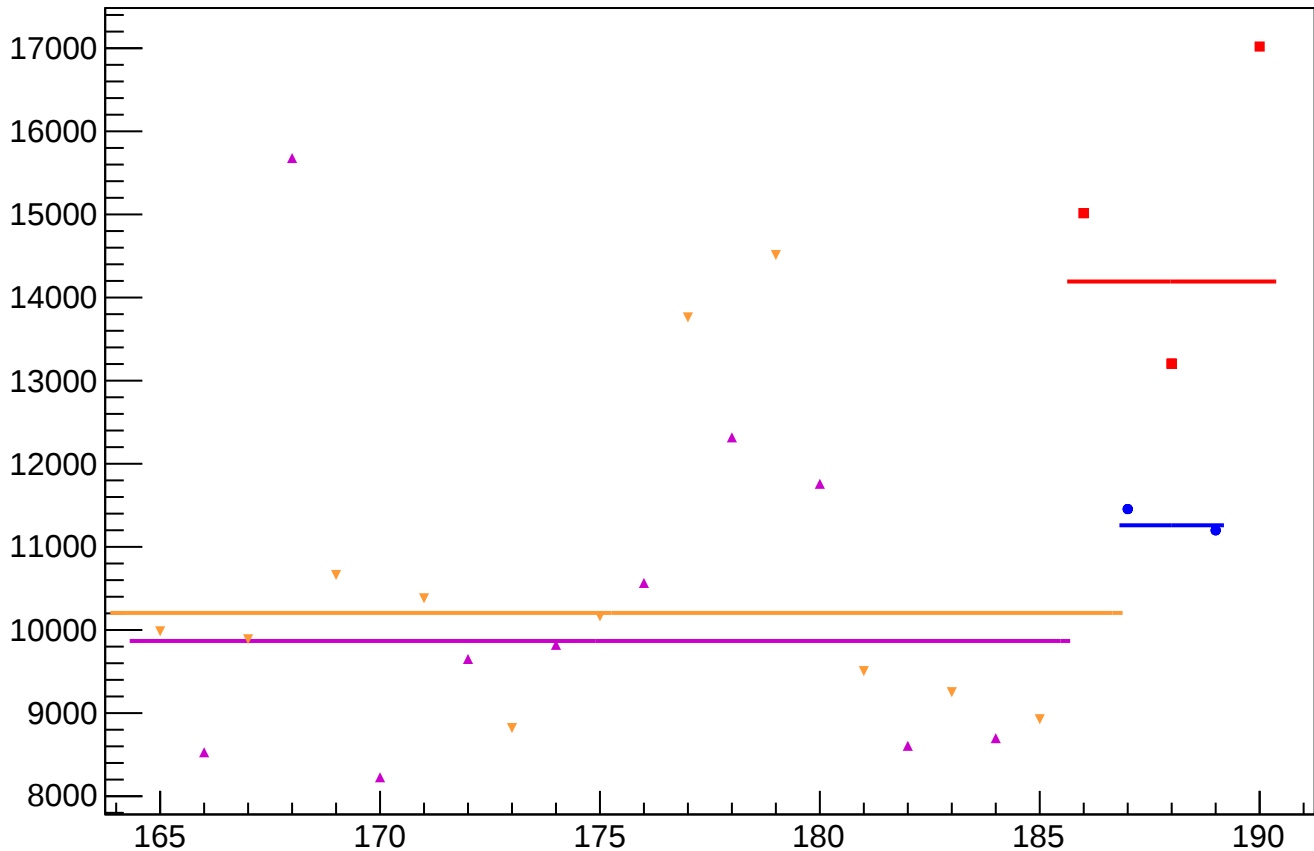
Right: -8634.554+/-7123.817 χ^2/NDF : 15.3/8

In: -2555.816+/-3516.417 χ^2/NDF : 5.0/13

Out: -3300.956+/-3488.773 χ^2/NDF : 24.0/15

All: -2931.327+/-2476.651 χ^2/NDF : 29.0/29

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 11259.770 $\pm$ 7.183 χ^2/NDF : 229.5/3

Left Out: 10205.388 $\pm$ 2.633 χ^2/NDF :314581.4/10

Right Out: 14192.950 $\pm$ 7.066 χ^2/NDF : 31513.0/4

Left In: 9867.814 $\pm$ 2.650 χ^2/NDF :473719.9/9

Left: 10037.738 $\pm$ 1.868 χ^2/NDF : 796467.4/20

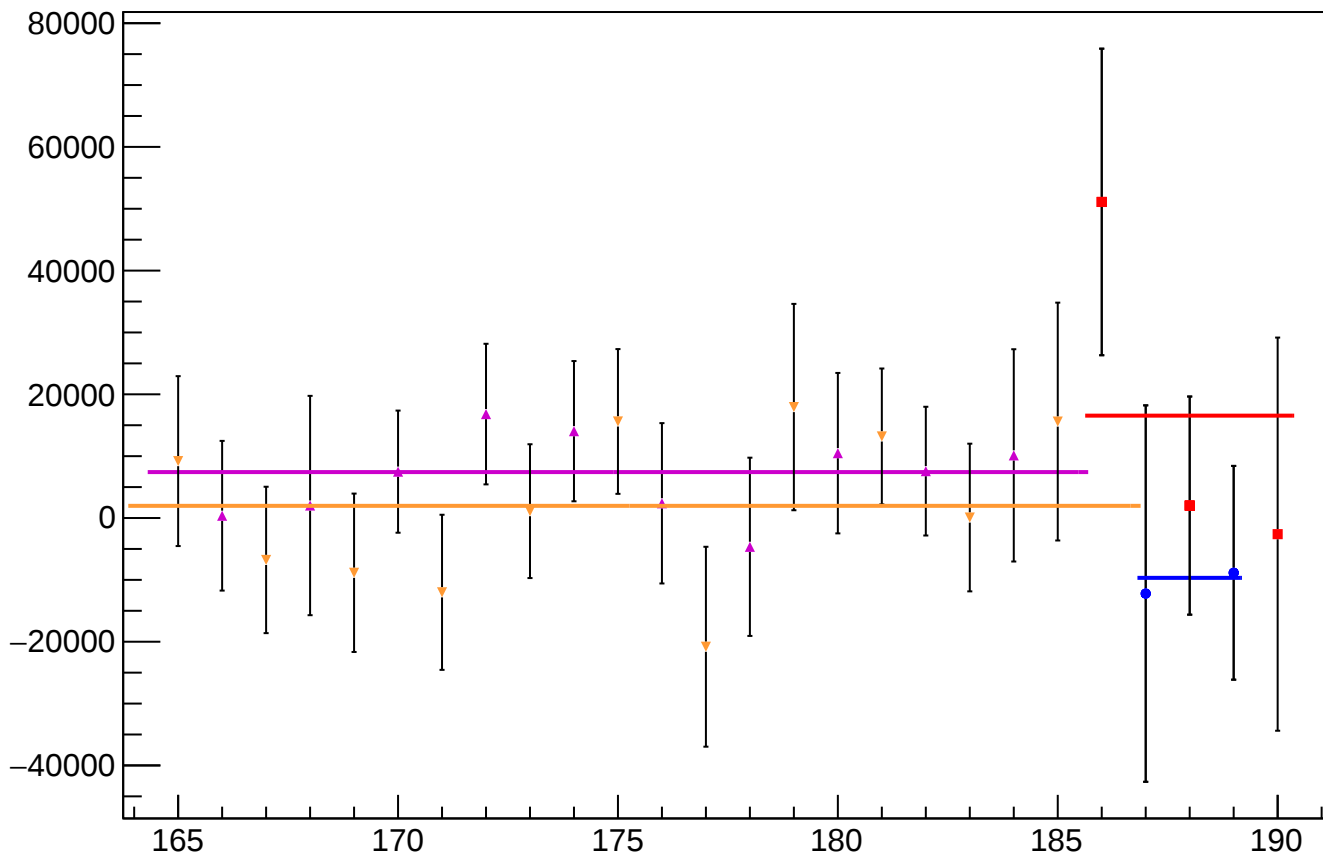
Right: 12750.265 $\pm$ 5.037 χ^2/NDF : 116486.1/8

In: 10034.628 $\pm$ 2.486 χ^2/NDF :507005.2/13

Out: 10691.369 $\pm$ 2.467 χ^2/NDF :625714.2/15

All: 10365.590 $\pm$ 1.751 χ^2/NDF : 1167875.6/2

asym_atr2_mean vs Slug, Sign Corrected



Right In: -9674.007 ± 10625.189 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 1968.804 ± 3887.066 $\chi^2/\text{NDF}: 8.6/10$

Right Out: 16551.670 ± 9677.236 $\chi^2/\text{NDF}: 5.6/4$

Left In: 7425.636 ± 3918.321 $\chi^2/\text{NDF}: 2.4/9$

Left: 4675.370 ± 2759.555 $\chi^2/\text{NDF}: 12.0/20$

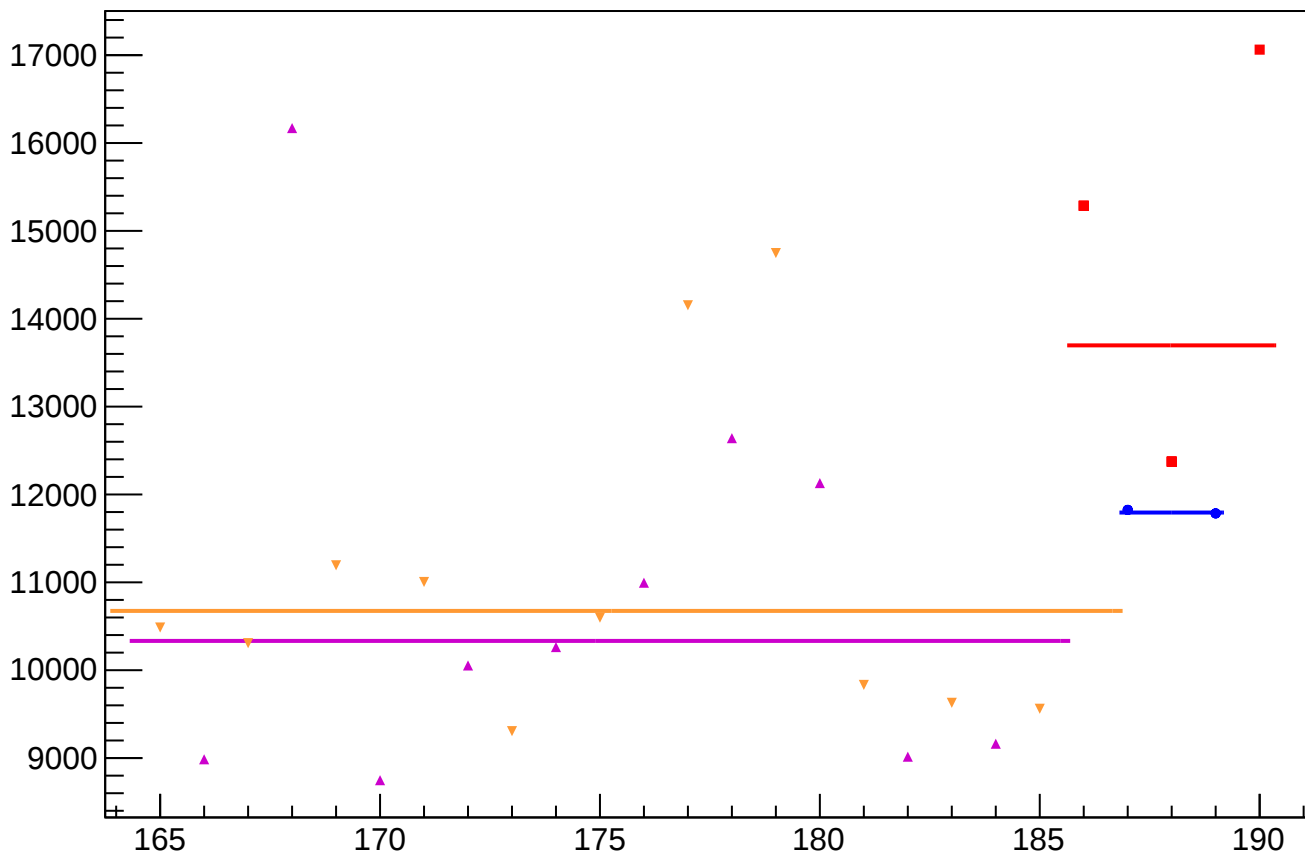
Right: 4660.686 ± 7154.548 $\chi^2/\text{NDF}: 9.0/8$

In: 5378.546 ± 3676.305 $\chi^2/\text{NDF}: 4.7/13$

Out: 3994.736 ± 3606.968 $\chi^2/\text{NDF}: 16.2/15$

All: 4673.468 ± 2574.676 $\chi^2/\text{NDF}: 20.9/29$

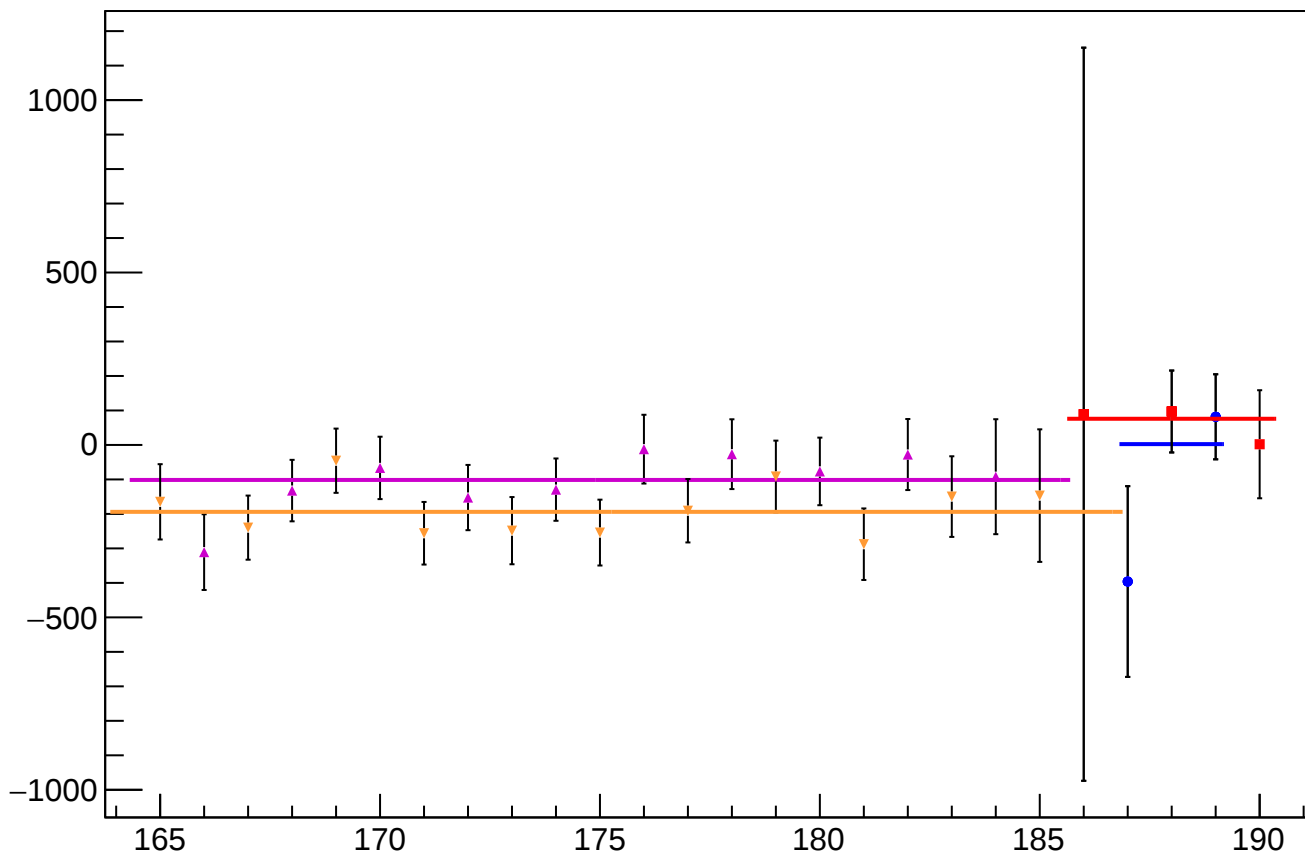
asym_atr2_rms vs Slug, Sign Corrected



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

Left: 10505.478+/-1.951 χ^2/NDF : 723029.8/20
 Right: 12834.326+/-5.059 χ^2/NDF : 96445.5/8
 In: 10508.263+/-2.600 χ^2/NDF : 463880.5/13
 Out: 11094.715+/-2.551 χ^2/NDF : 514128.3/15
 All: 10807.072+/-1.821 χ^2/NDF : 1003940.6/2

dit_asym_sam1_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 6.2/9$

Left: -149.026 ± 22.070 $\chi^2/\text{NDF}: 16.6/20$

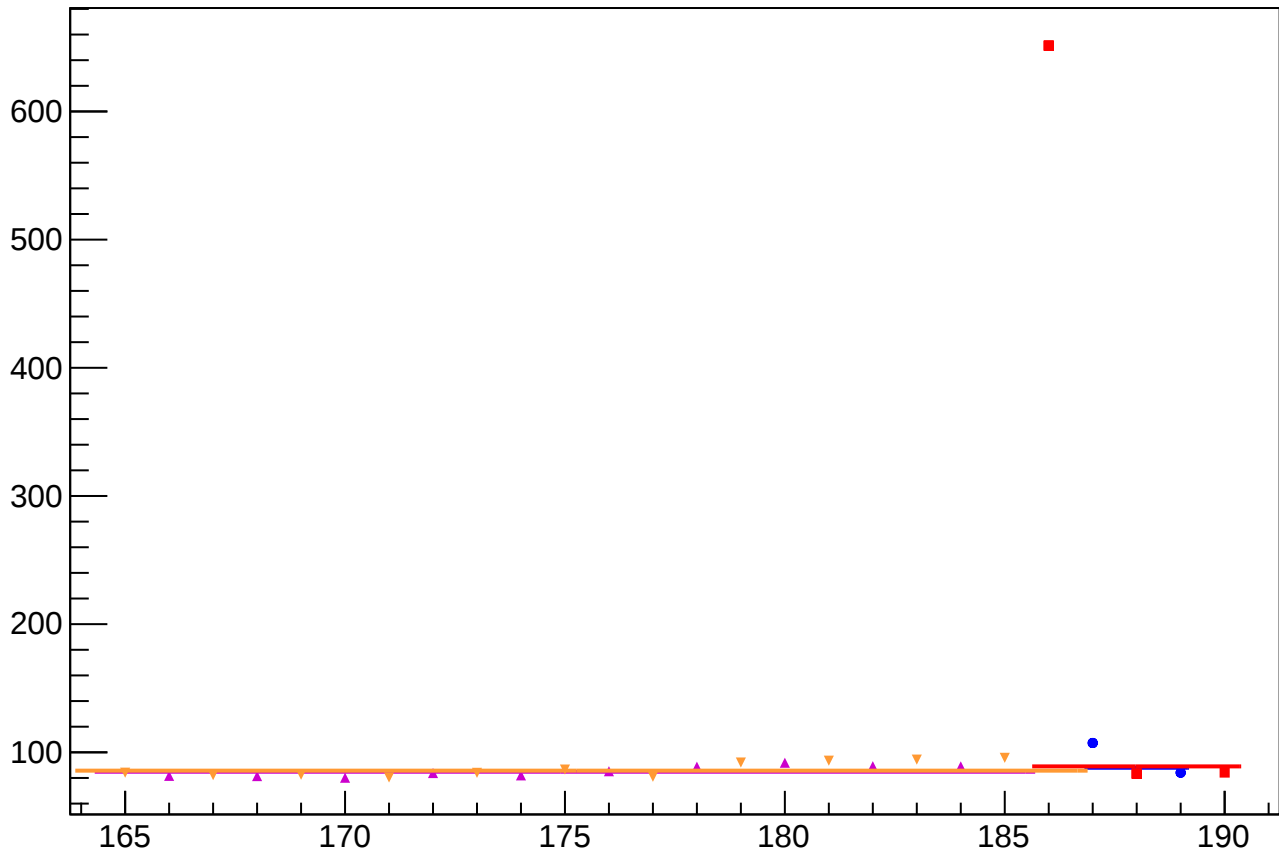
Right: 42.029 ± 54.076 $\chi^2/\text{NDF}: 5.7/8$

In: -87.312 ± 29.417 $\chi^2/\text{NDF}: 12.7/13$

Out: -153.850 ± 28.403 $\chi^2/\text{NDF}: 17.7/15$

All: -121.747 ± 20.433 $\chi^2/\text{NDF}: 33.0/29$

dit_asym_sam1_rms vs Slug, Sign Corrected



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

Left: 85.291+/-0.016 χ^2/NDF : 84721.4/20

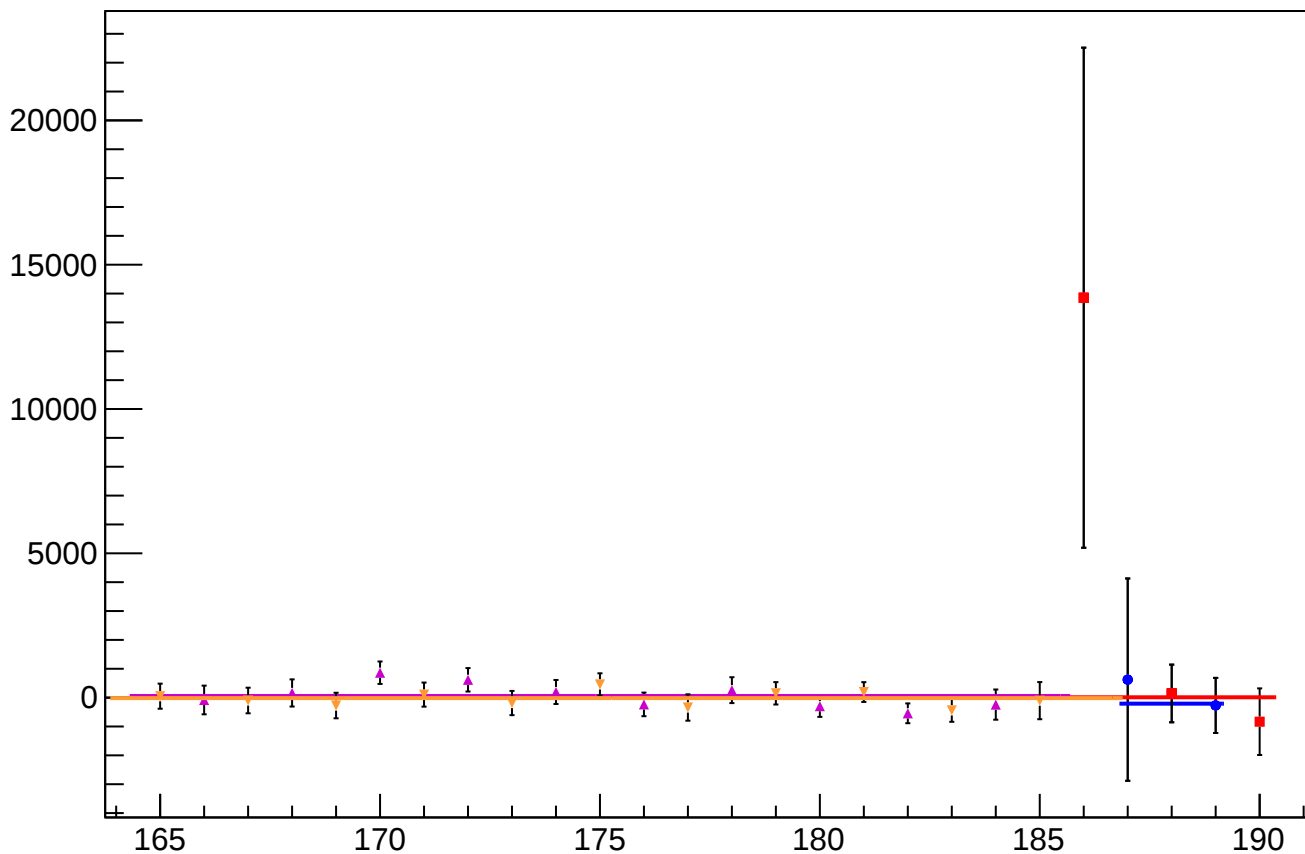
Right: 88.539+/-0.038 χ^2/NDF : 1154001.0/8

In: 85.278+/-0.021 χ^2/NDF : 56428.3/13

Out: 86.199+/-0.020 χ^2/NDF : 1187465.2/15

All: 85.754+/-0.014 χ^2/NDF : 1244909.2/29

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left: 17.843+/-91.373 χ^2/NDF : 16.0/20

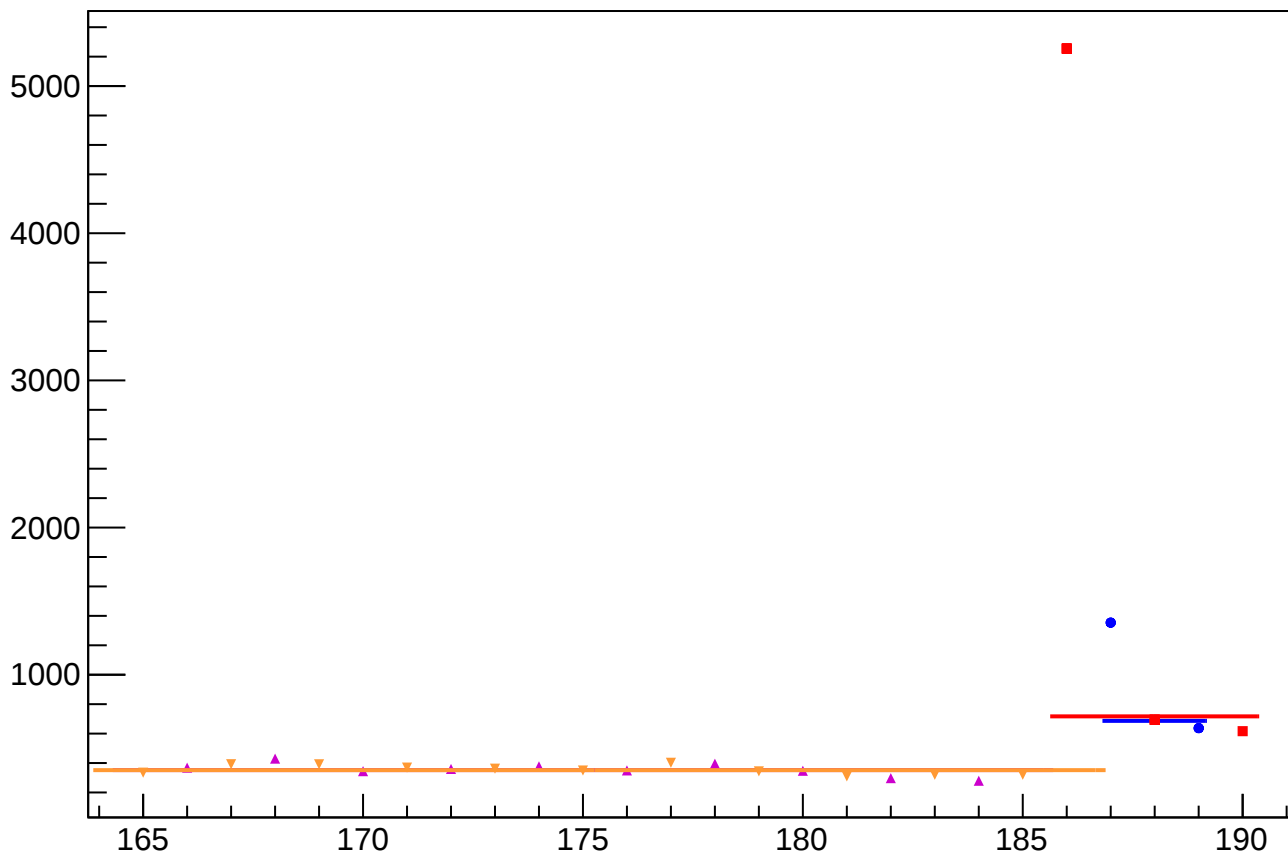
Right: -89.474+/-441.127 χ^2/NDF : 5.9/8

In: 45.336+/-129.365 χ^2/NDF :11.7/13

Out: -15.833+/-123.883 χ^2/NDF :10.1/15

All: 13.428+/-89.474 χ^2/NDF : 21.9/29

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 686.541+/-0.461 χ^2/NDF : 155826.0/3

Left Out: 351.644+/-0.090 χ^2/NDF : 113660.6/10

Right Out: 717.066+/-0.424 χ^2/NDF : 1114613.0/4

Left In: 352.141+/-0.093 χ^2/NDF : 174144.8/9

Left: 351.882+/-0.065 χ^2/NDF : 287820.2/20

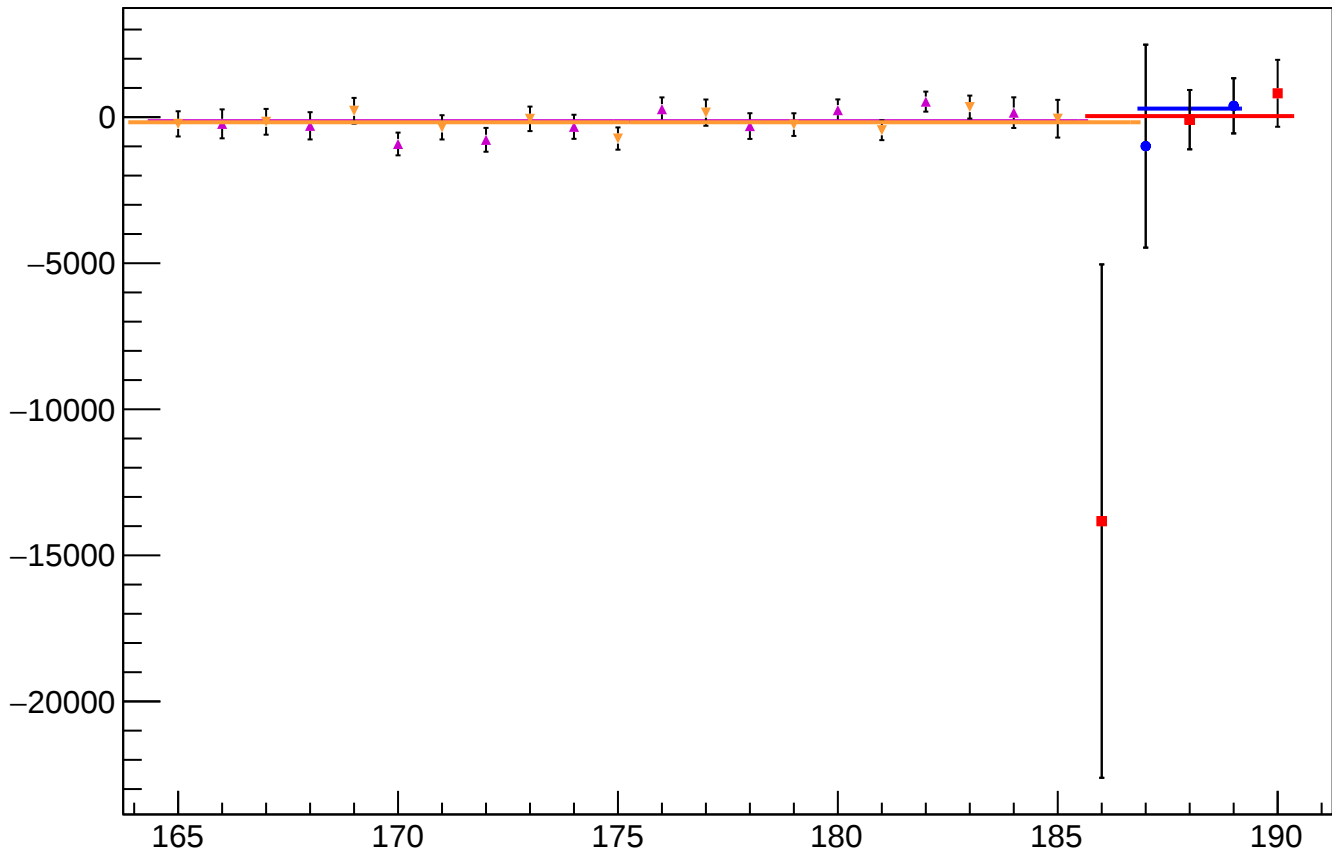
Right: 703.067+/-0.312 χ^2/NDF : 1272816.8/8

In: 365.331+/-0.091 χ^2/NDF : 836283.3/13

Out: 367.247+/-0.088 χ^2/NDF : 1939547.1/15

All: 366.330+/-0.063 χ^2/NDF : 2776059.4/29

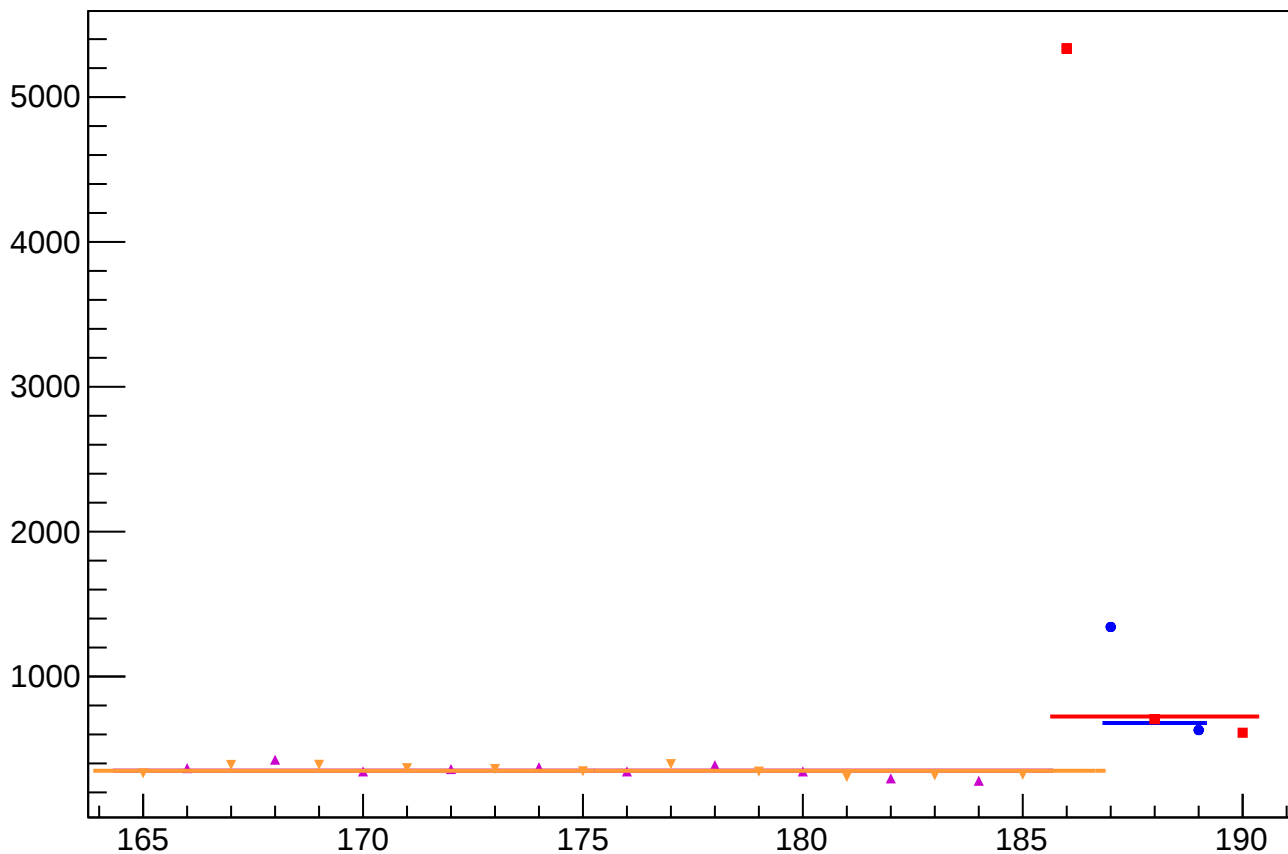
asym_sam1_mean vs Slug, Sign Corrected



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

Left: -156.609 ± 90.853 χ^2/NDF : 19.4/20
Right: 156.904 ± 441.246 χ^2/NDF : 5.8/8
In: -120.108 ± 128.643 χ^2/NDF : 13.9/13
Out: -165.648 ± 123.223 χ^2/NDF : 11.8/15
All: -143.858 ± 88.986 χ^2/NDF : 25.8/29

asym_sam1_rms vs Slug, Sign Corrected



Left: 349.844 +/- 0.064 χ^2/NDF : 276572.3/20

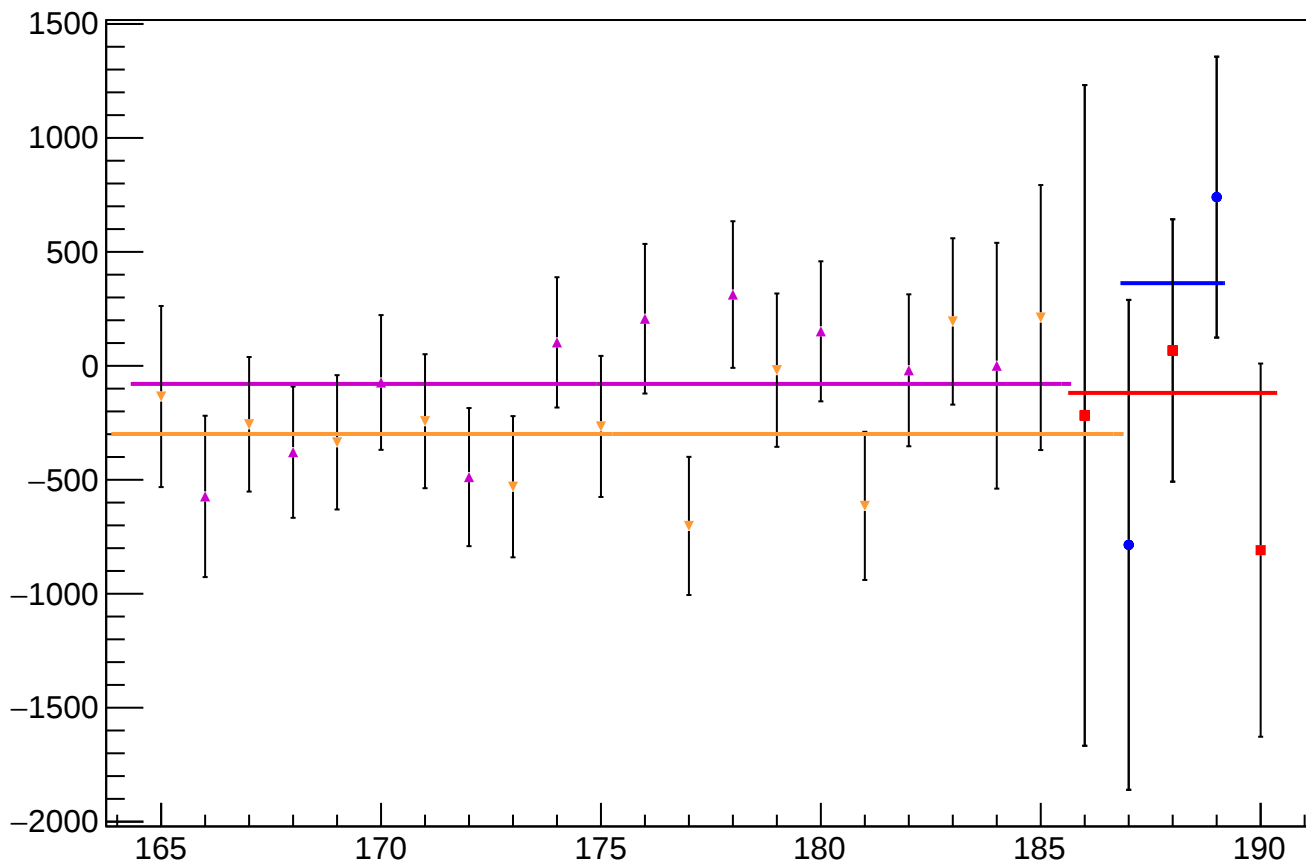
Right: 702.882 +/- 0.312 χ^2/NDF : 1283299.9/8

In: 363.430 +/- 0.091 χ^2/NDF : 819654.1/13

Out: 364.912 +/- 0.087 χ^2/NDF : 1968305.3/15

All: 364.203 +/- 0.063 χ^2/NDF : 2788097.8/29

dit_asym_sam2_mean vs Slug, Sign Corrected



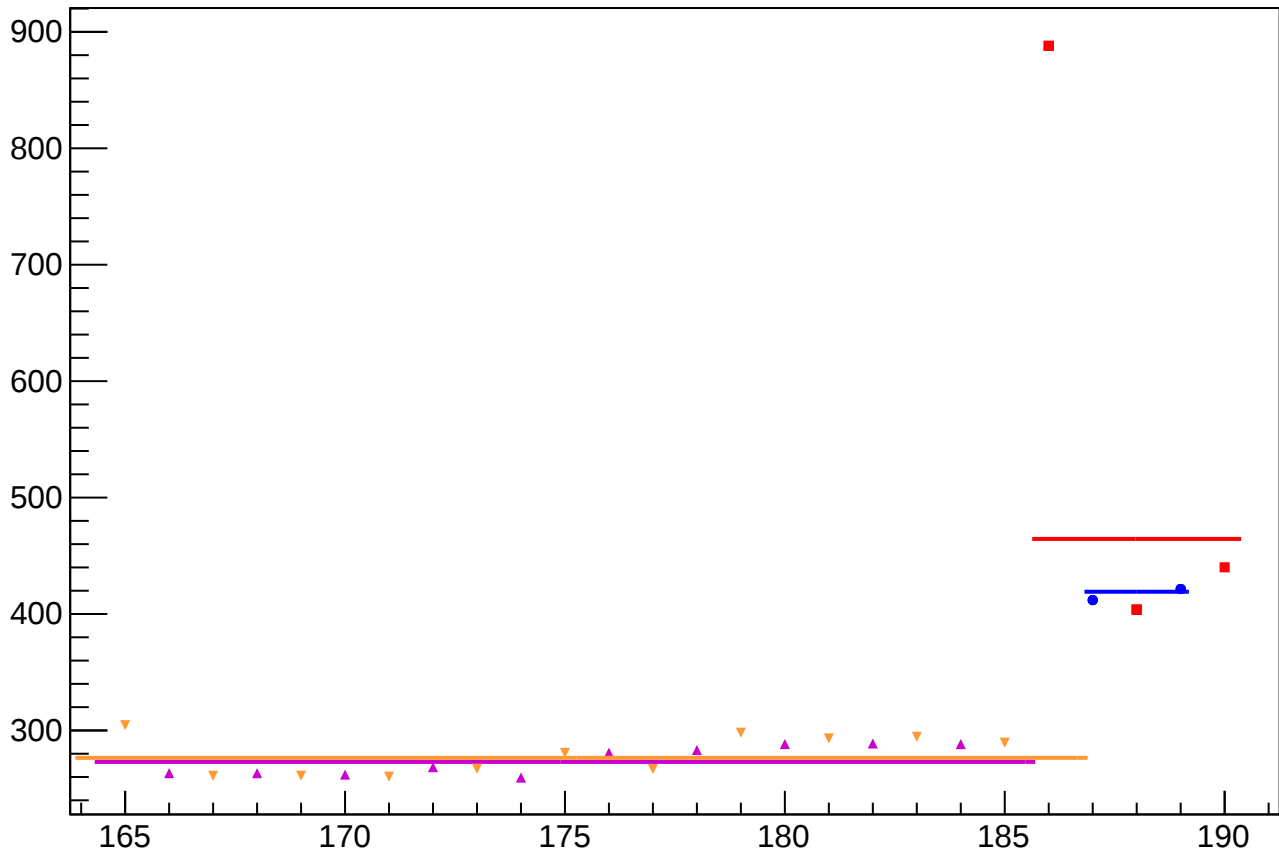
Right In: 362.754+/-378.034 χ^2/NDF : 3.0/3
 Left Out: -298.917+/-99.309 χ^2/NDF :6.8/10
 Right Out: -118.752+/-343.404 χ^2/NDF : 0.9/4
 Left In: -79.268+/-101.757 χ^2/NDF :8.1/9

Left: -191.767+/-71.072 χ^2/NDF : 17.3/20
 Right: 98.941+/-254.186 χ^2/NDF : 4.9/8

In: -49.405+/-98.259 χ^2/NDF :12.4/13
 Out: -285.013+/-95.400 χ^2/NDF :8.0/15

All: -170.688+/-68.446 χ^2/NDF : 23.4/29

dit_asym_sam2_rms vs Slug, Sign Corrected



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

Left: 274.759 $\pm$ 0.050 χ^2 /NDF: 77331.2/20

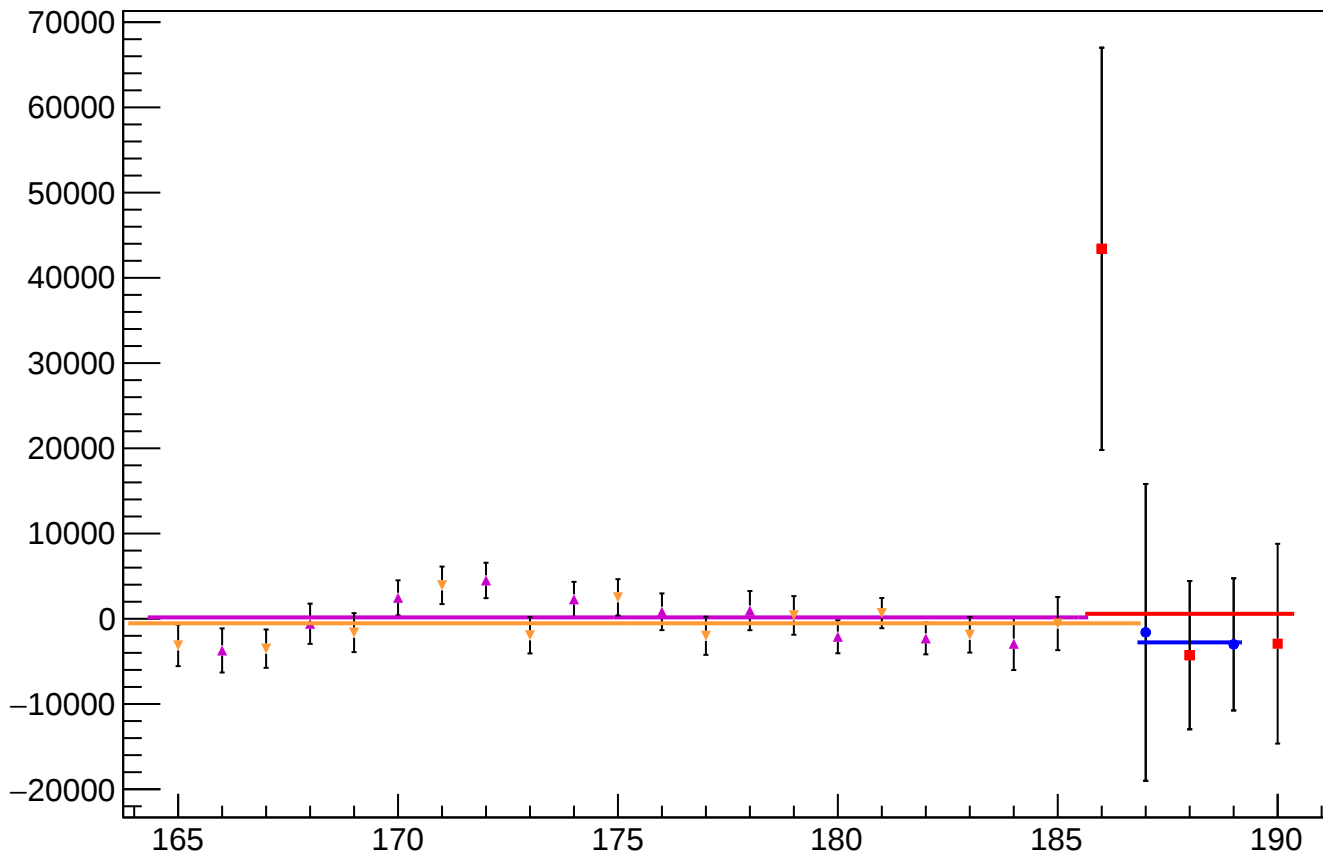
Right: 443.990 $\pm$ 0.180 χ^2 /NDF: 403797.8/8

In: 282.844 $\pm$ 0.069 χ^2 /NDF:304675.8/13

Out: 290.975 $\pm$ 0.067 χ^2 /NDF:991637.3/15

All: 287.030 $\pm$ 0.048 χ^2 /NDF: 1303363.6/29

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left: -196.834+/-479.470 χ^2/NDF : 25.1/20

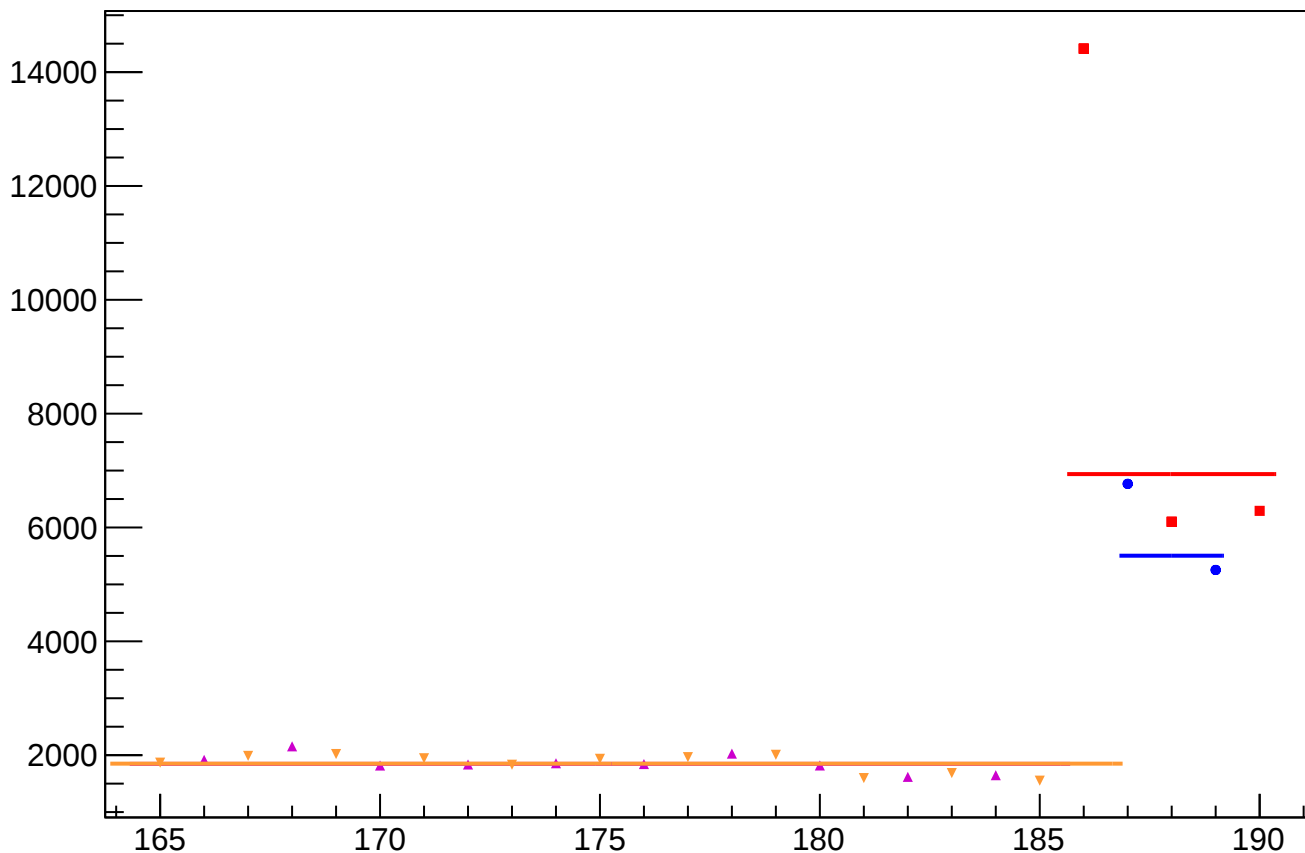
Right: -1150.093+/-3599.688 χ^2/NDF : 7.5/8

In: 107.597+/-683.794 χ^2/NDF : 13.7/13

Out: -513.504+/-661.056 χ^2/NDF : 18.5/15

All: -213.452+/-475.272 χ^2/NDF : 32.6/29

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left: 1848.805+/-0.339 χ^2/NDF : 198942.9/20

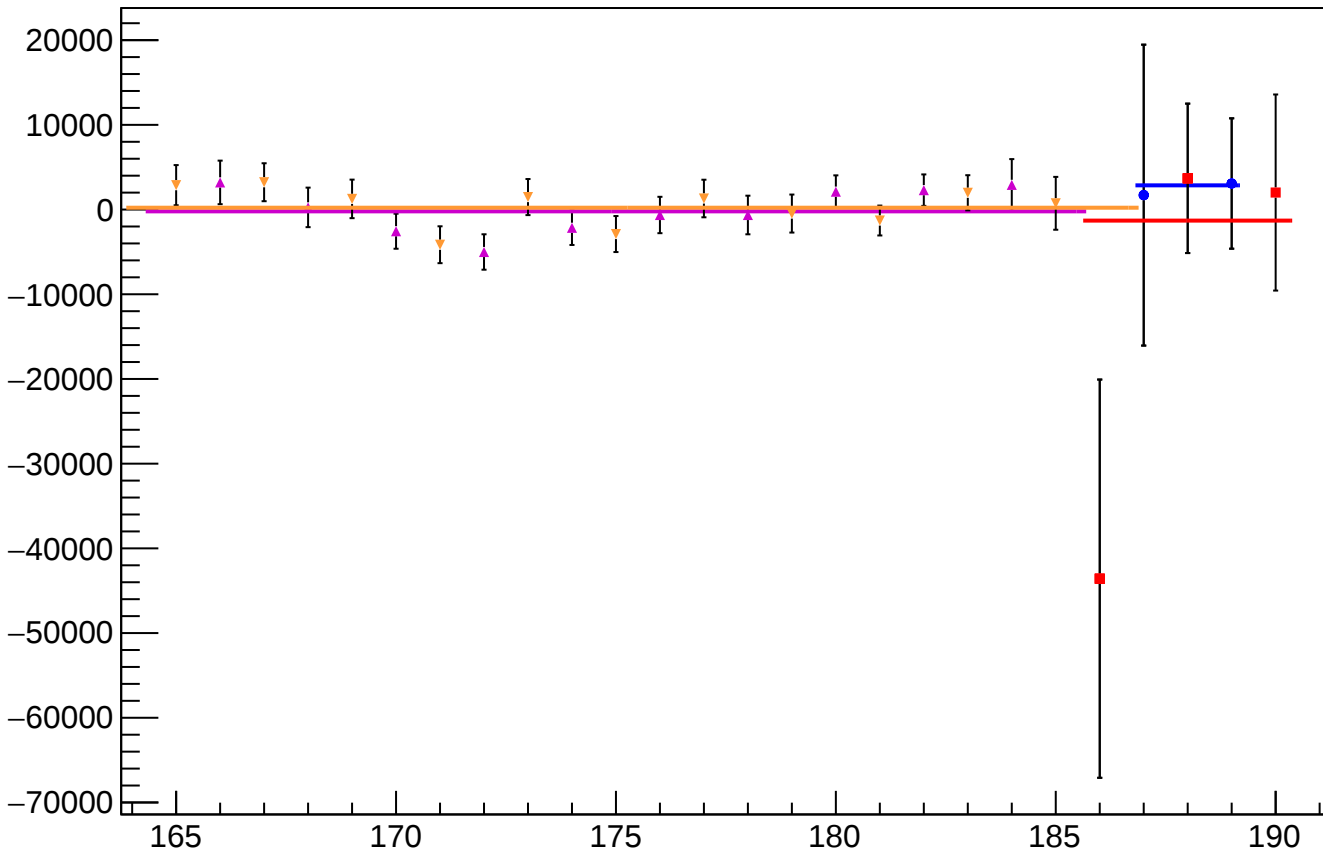
Right: 6197.383+/-2.545 χ^2/NDF : 548840.1/8

In: 1914.773+/-0.484 χ^2/NDF :1159056.3/13

Out: 1933.805+/-0.467 χ^2/NDF :2455781.4/15

All: 1924.610+/-0.336 χ^2/NDF : 3615638.5/29

asym sam2 mean vs Slug, Sign Corrected



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

Left: 11.026 ± 476.788 χ^2/NDF : 25.5/20

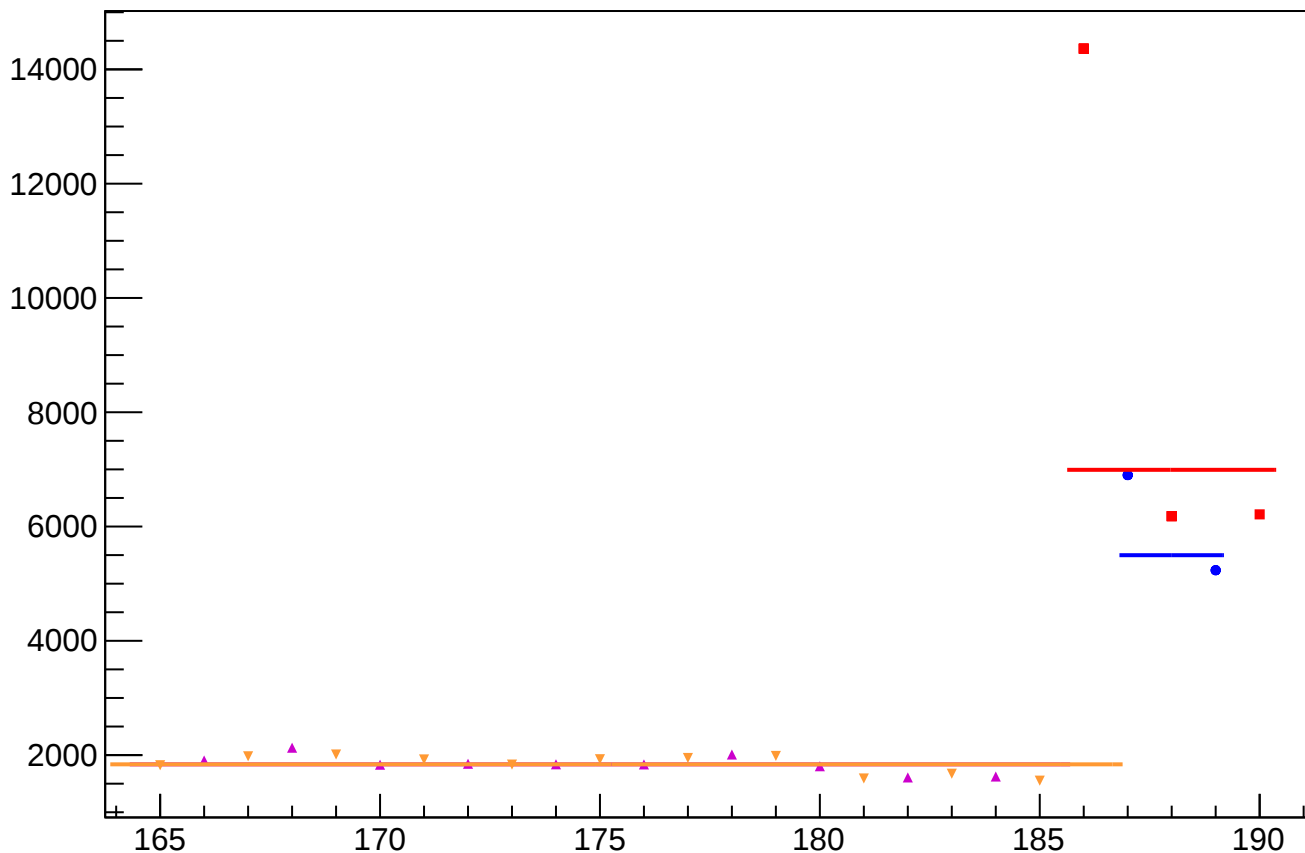
Right: 866.891+/-3606.323 χ^2/NDF : 7.5/8

ln: -155.152+/-680.744 χ^2/NDF :14.1/13

Out: 194.120+/-656.824 χ^2/NDF :18.9/15

All: 25.728 ± 472.675 χ^2/NDF : 33.1/29

asym_sam2_rms vs Slug, Sign Corrected



Right In: 5498.355 $\pm$ 3.531 χ^2/NDF : 29591.5/3

Left Out: 1838.470 $\pm$ 0.468 χ^2/NDF : 108301.0/10

Right Out: 6992.394 $\pm$ 3.687 χ^2/NDF : 436132.7/4

Left In: 1838.085 $\pm$ 0.486 χ^2/NDF : 84812.2/9

Left: 1838.284 $\pm$ 0.337 χ^2/NDF : 193113.5/20

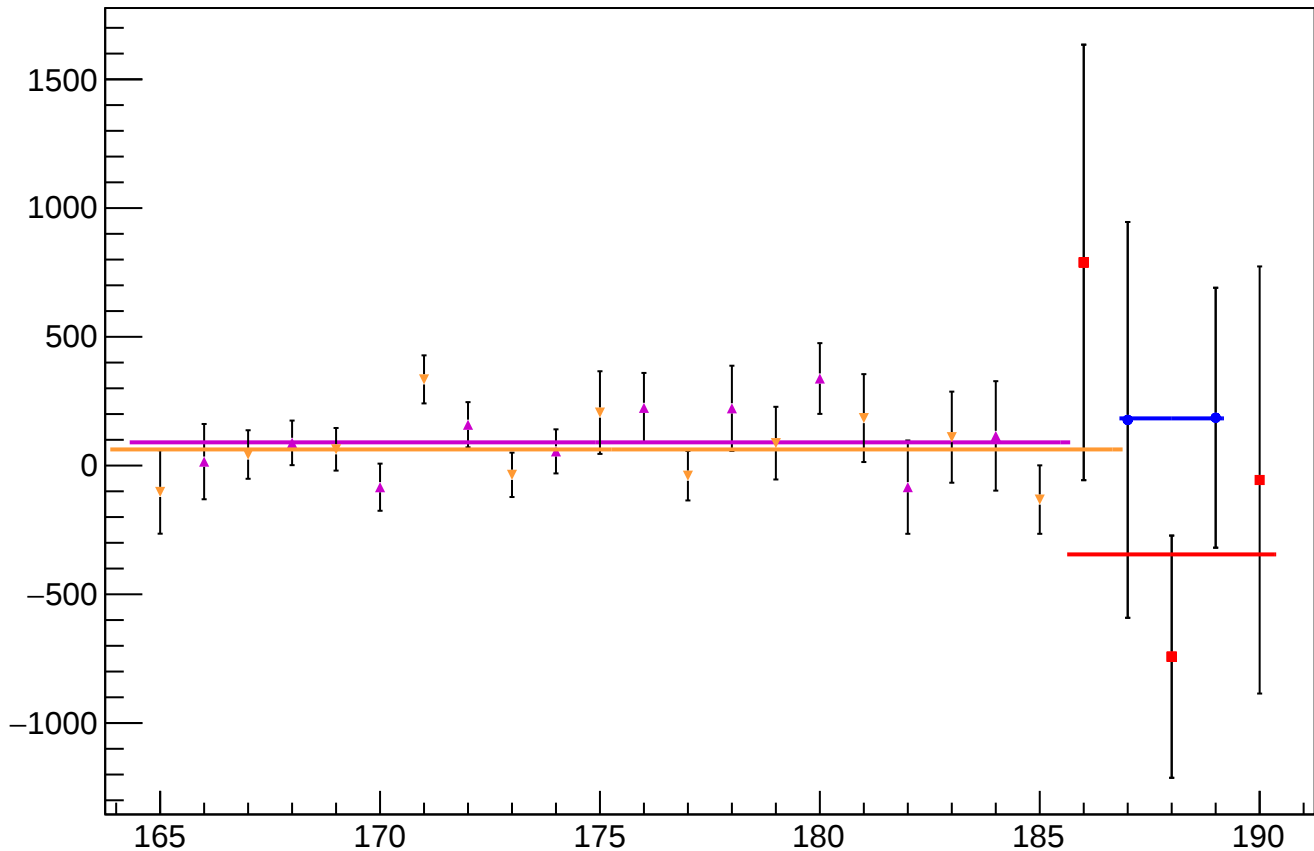
Right: 6213.160 $\pm$ 2.550 χ^2/NDF : 551380.0/8

In: 1906.108 $\pm$ 0.481 χ^2/NDF : 1168999.0/13

Out: 1920.266 $\pm$ 0.464 χ^2/NDF : 2467769.4/15

All: 1913.440 $\pm$ 0.334 χ^2/NDF : 3637216.4/29

dit_asym_sam3_mean vs Slug, Sign Corrected



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

Left: 75.526 ± 24.784 χ^2/NDF : 26.3/20

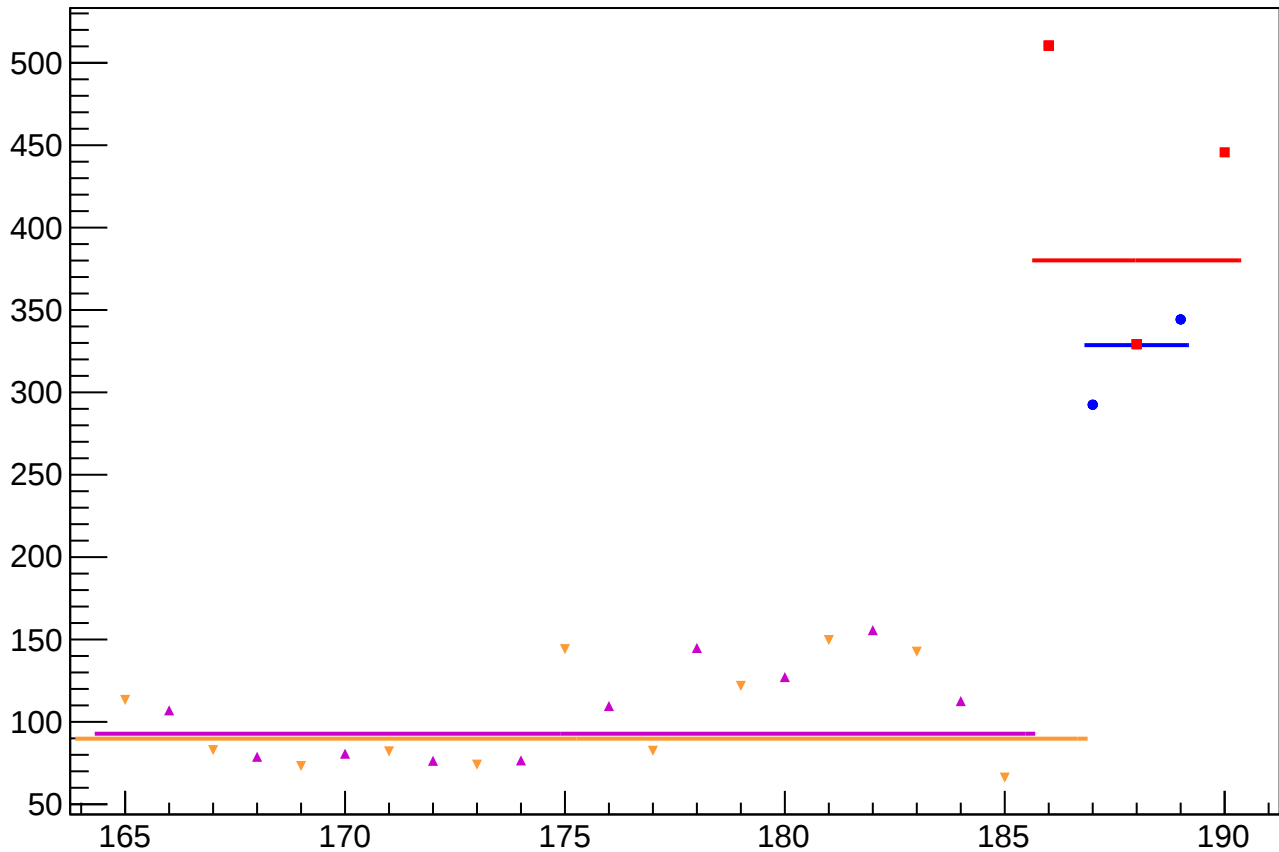
Right: -103.041 ± 201.924 χ^2/NDF : 6.8/8

In: 91.524 ± 35.959 χ^2/NDF : 10.6/13

Out: 56.473 ± 33.725 χ^2/NDF : 22.9/15

All: 72.876 ± 24.599 χ^2/NDF : 33.9/29

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 328.670 $\pm$ 0.211 χ^2/NDF : 12672.5/3

Left Out: 89.805 $\pm$ 0.024 χ^2/NDF :1044820.1/10

Right Out: 380.109 $\pm$ 0.194 χ^2/NDF : 154281.3/4

Left In: 92.815 $\pm$ 0.026 χ^2/NDF :859762.7/9

Left: 91.214 $\pm$ 0.018 χ^2/NDF : 1911928.2/20

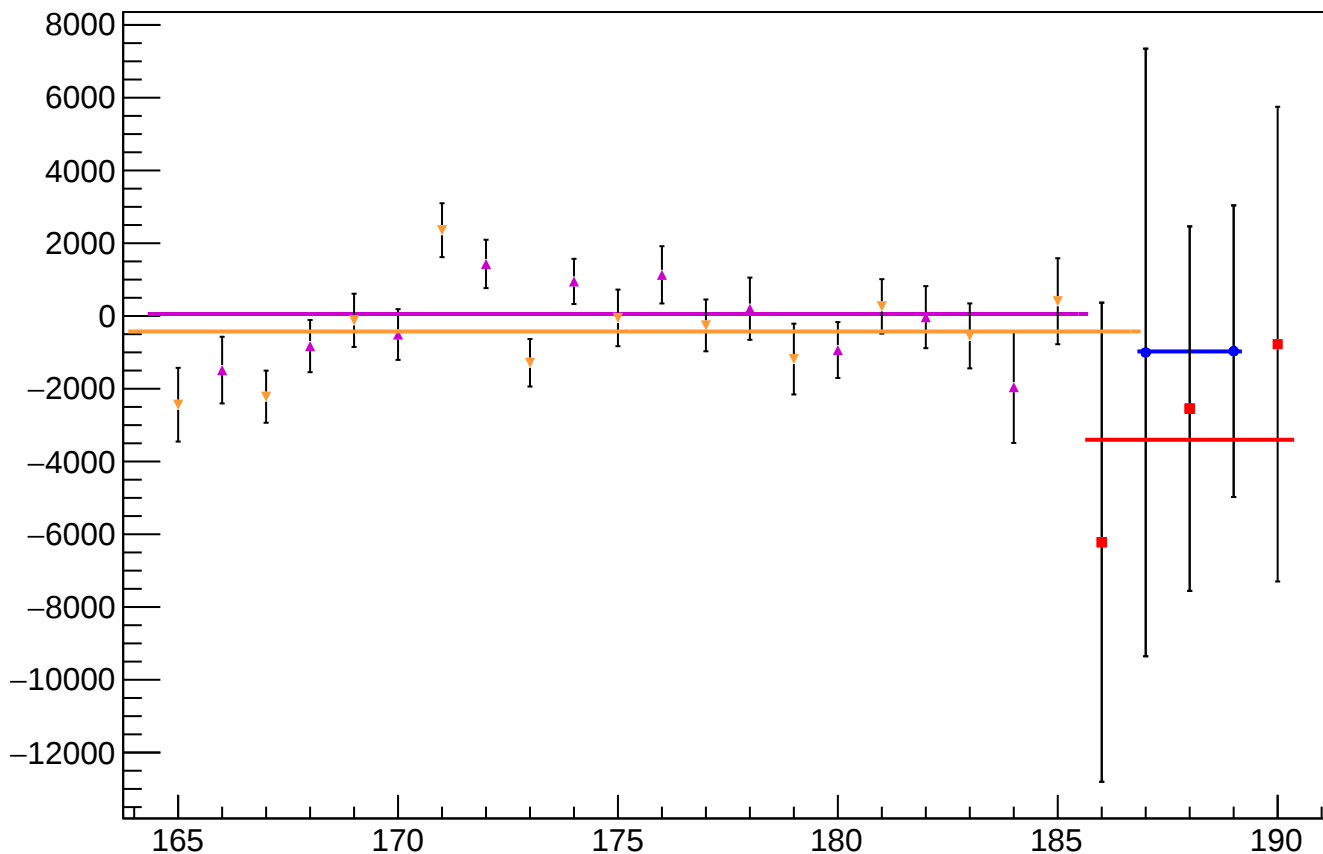
Right: 356.545 $\pm$ 0.143 χ^2/NDF : 199172.1/8

In: 96.242 $\pm$ 0.025 χ^2/NDF :2104261.0/13

Out: 94.193 $\pm$ 0.024 χ^2/NDF :3405378.2/15

All: 95.152 $\pm$ 0.017 χ^2/NDF : 5513091.2/29

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -974.643 $\pm$ 2555.216 χ^2/NDF : 0.0/3

Left Out: -426.103 $\pm$ 239.762 χ^2/NDF :28.5/10

Right Out: -3402.395 $\pm$ 2588.031 χ^2/NDF : 0.6/4

Left In: 54.870 $\pm$ 246.034 χ^2/NDF :16.7/9

Left: -191.825 $\pm$ 171.712 χ^2/NDF : 47.1/20

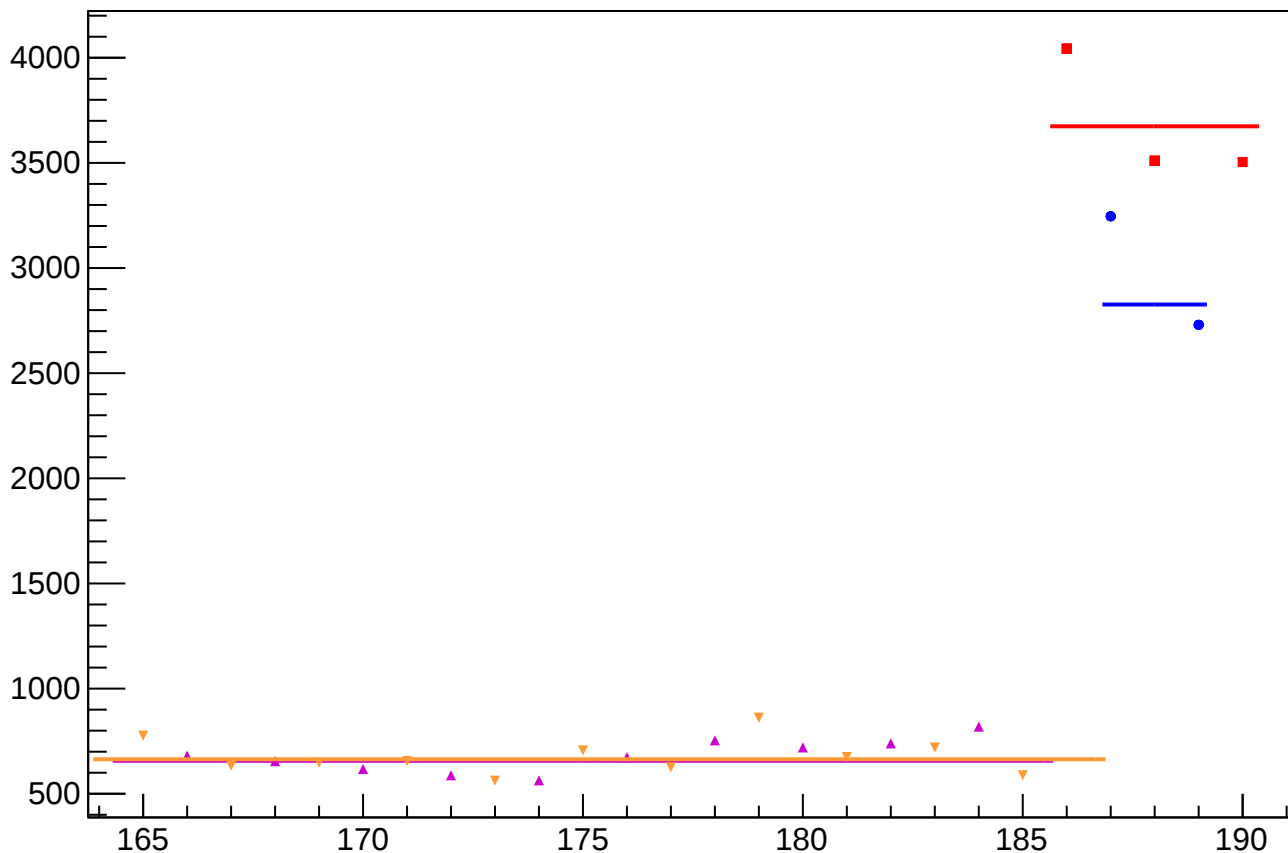
Right: -2173.030 $\pm$ 1818.301 χ^2/NDF : 1.0/8

In: 45.413 $\pm$ 244.901 χ^2/NDF :16.8/13

Out: -451.431 $\pm$ 238.740 χ^2/NDF :30.4/15

All: -209.337 $\pm$ 170.951 χ^2/NDF : 49.3/29

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left: 660.535 $\pm$ 0.121 χ^2/NDF : 345356.0/20

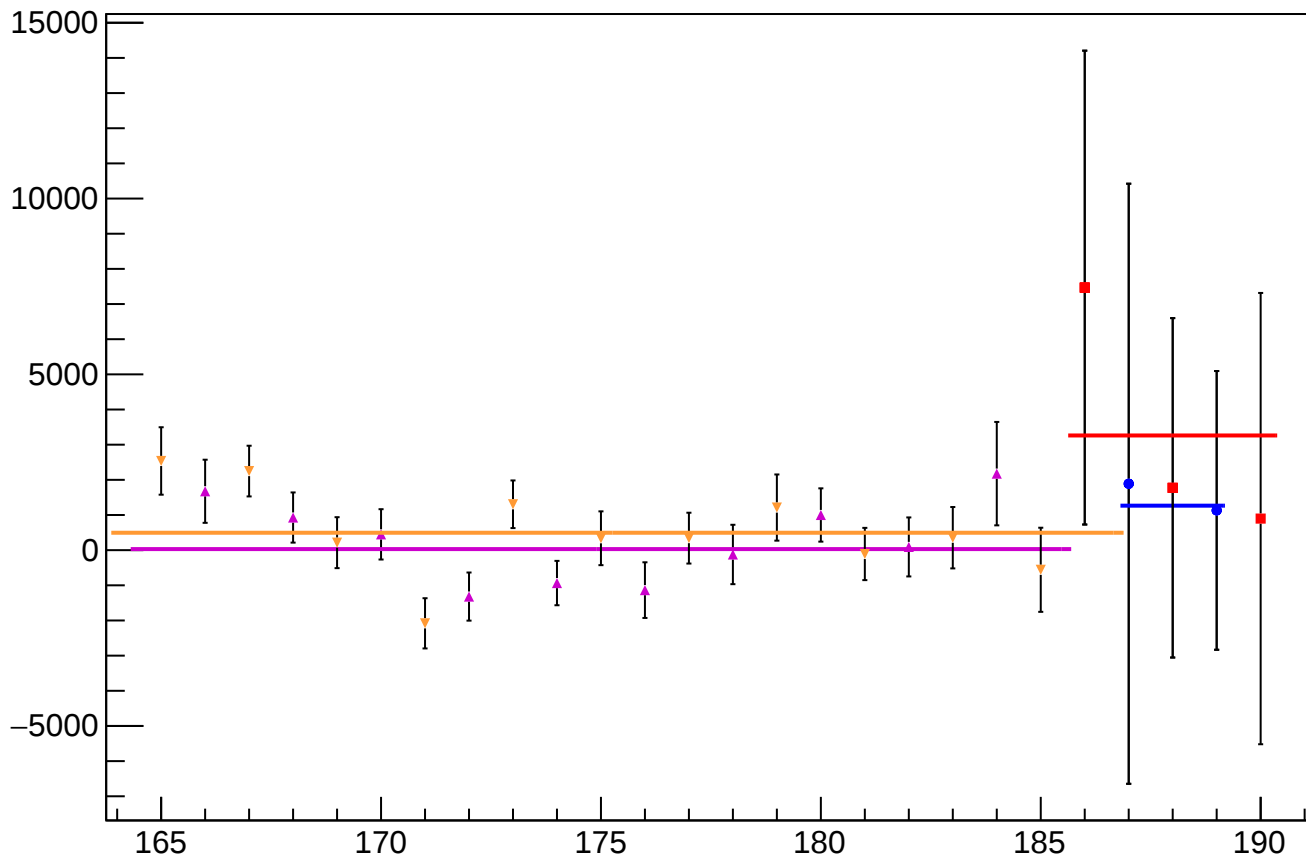
Right: 3244.881 $\pm$ 1.286 χ^2/NDF : 139186.2/8

In: 676.754 $\pm$ 0.173 χ^2/NDF : 1597228.1/13

Out: 689.674 $\pm$ 0.169 χ^2/NDF : 2888918.4/15

All: 683.378 $\pm$ 0.121 χ^2/NDF : 4489000.5/29

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1265.443+/-2541.961 χ^2/NDF : 0.0/3

Left Out: 495.364+/-238.170 χ^2/NDF : 27.2/10

Right Out: 3261.943+/-2546.760 χ^2/NDF : 1.1/4

Left In: 30.568+/-246.722 χ^2/NDF : 17.5/9

Left: 271.160+/-171.355 χ^2/NDF : 46.5/20

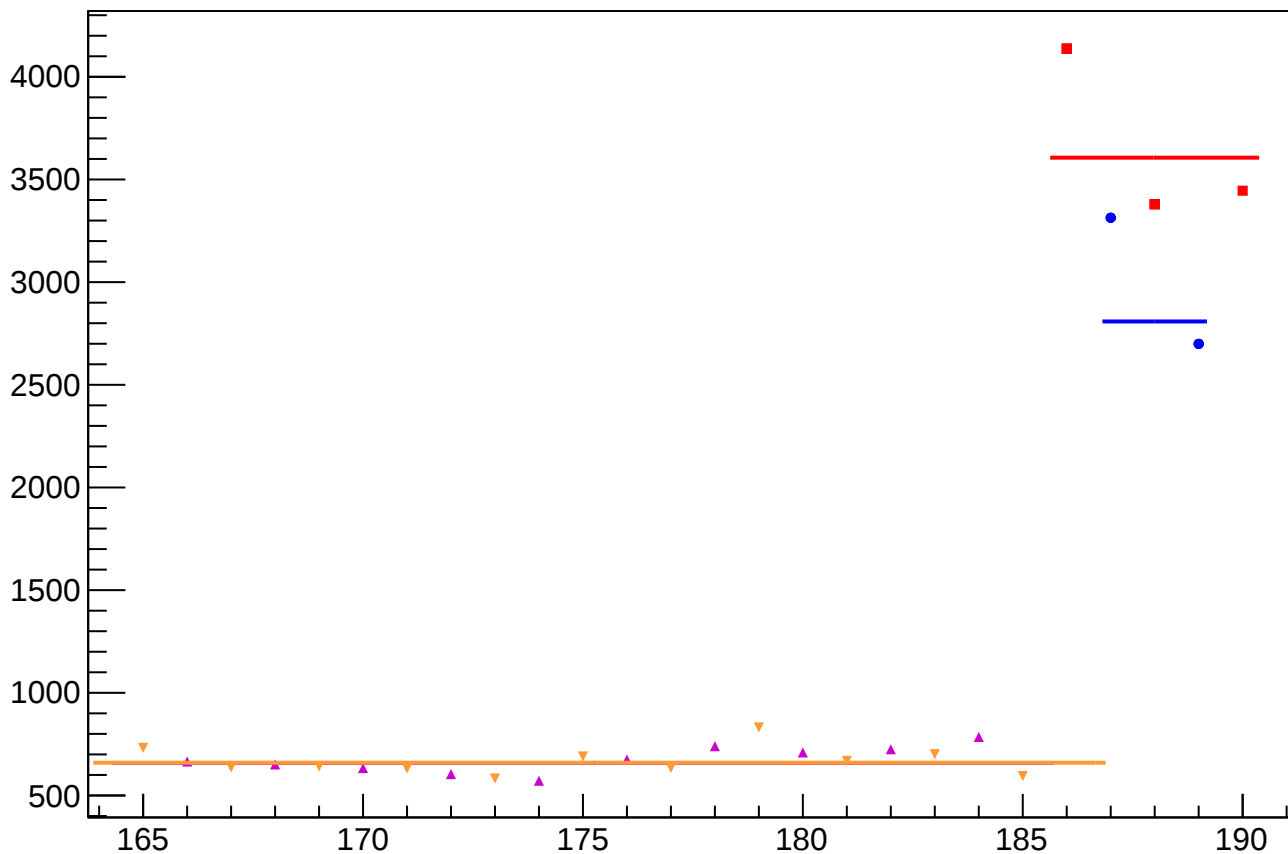
Right: 2261.810+/-1799.132 χ^2/NDF : 1.4/8

In: 42.092+/-245.568 χ^2/NDF : 17.7/13

Out: 519.350+/-237.135 χ^2/NDF : 29.4/15

All: 289.056+/-170.583 χ^2/NDF : 49.1/29

asym_sam3_rms vs Slug, Sign Corrected



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

Left: 658.951+/-0.121 χ^2/NDF : 235948.7/20

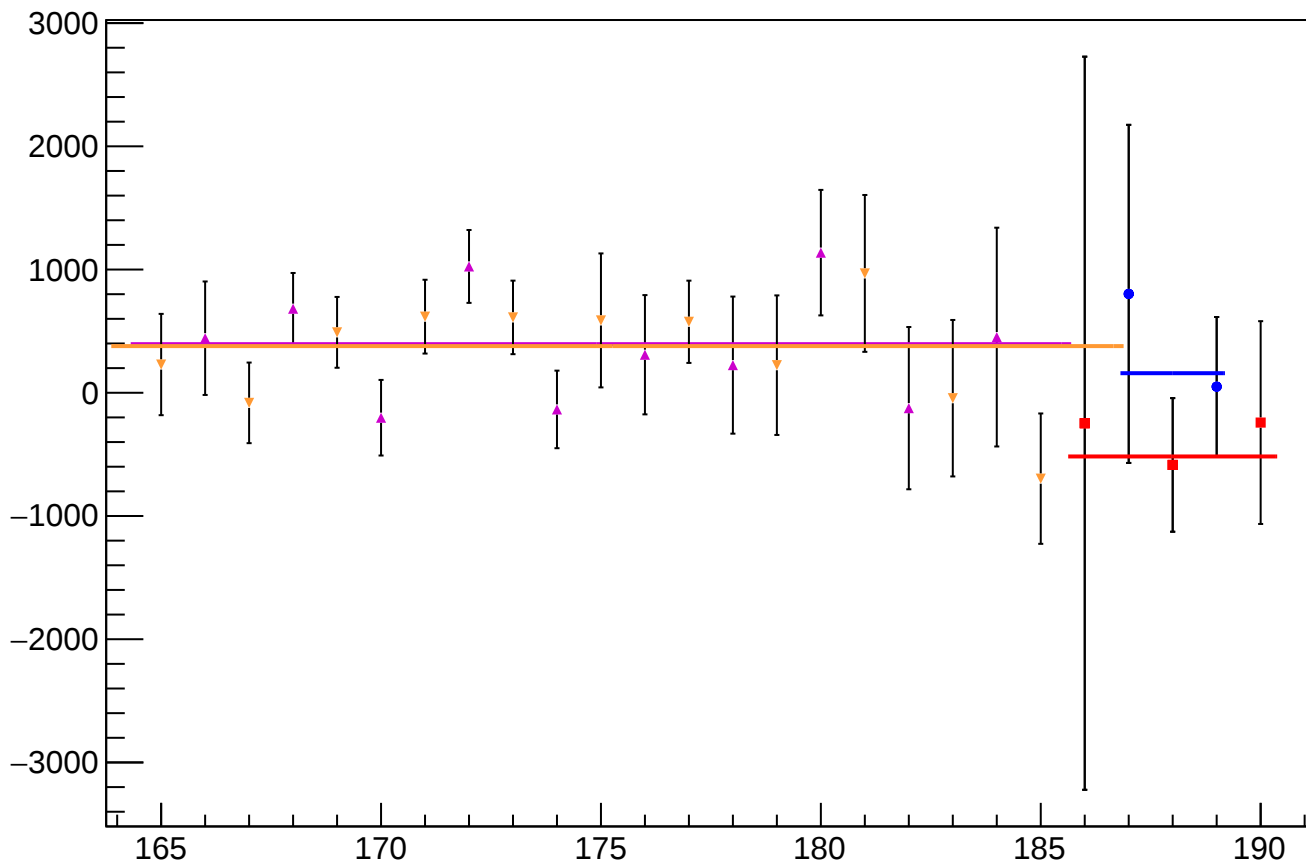
Right: 3206.641+/-1.272 χ^2/NDF : 150279.7/8

In: 678.390+/-0.174 χ^2/NDF : 1543806.6/13

Out: 685.084+/-0.168 χ^2/NDF : 2816083.1/15

All: 681.854+/-0.121 χ^2/NDF : 4360658.7/29

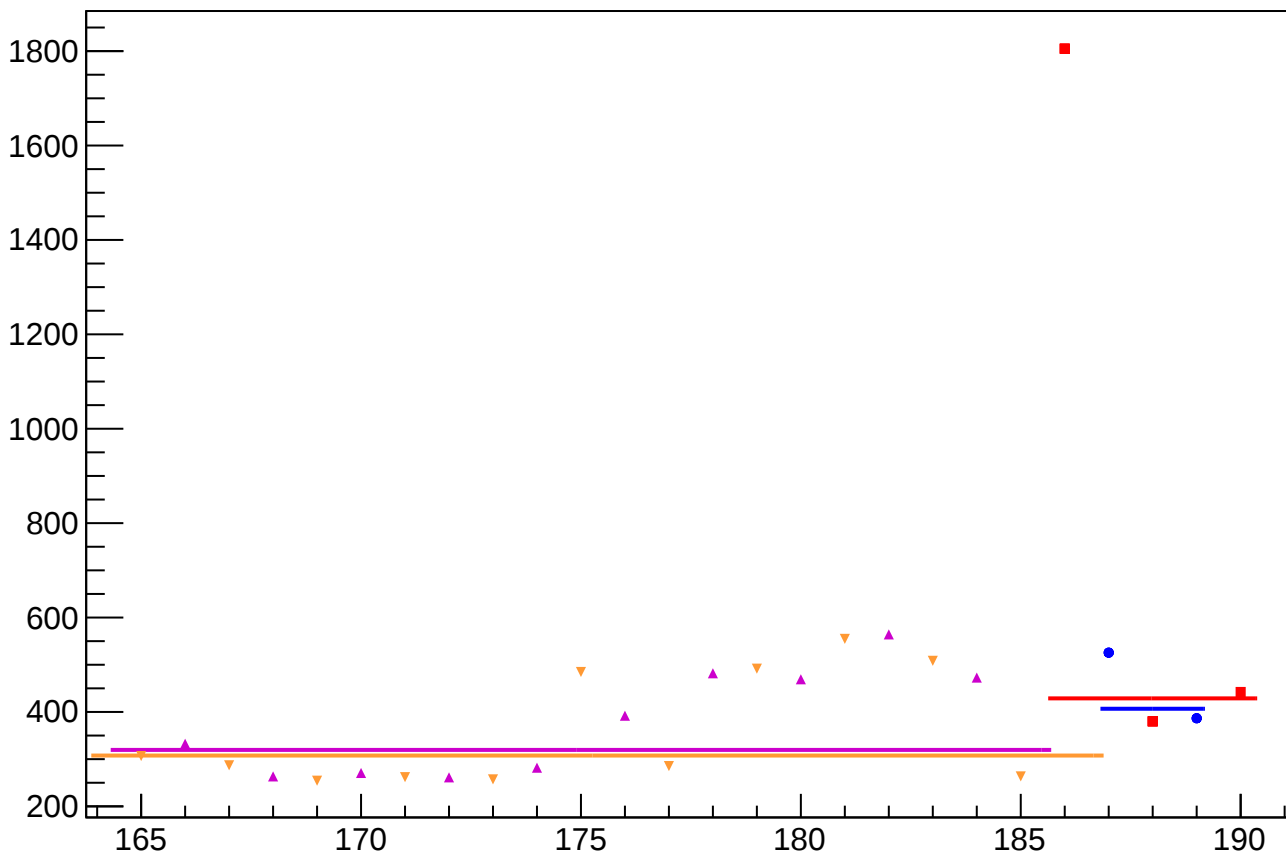
dit_asym_sam4_mean vs Slug, Sign Corrected



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

Left: 385.957 $\pm$ 85.292 χ^2 /NDF: 24.6/20
 Right: -204.296 $\pm$ 251.352 χ^2 /NDF: 2.5/8
 In: 370.088 $\pm$ 118.662 χ^2 /NDF:15.9/13
 Out: 286.096 $\pm$ 110.249 χ^2 /NDF:15.8/15
 All: 325.009 $\pm$ 80.768 χ^2 /NDF: 32.0/29

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 406.774+/-0.261 χ^2/NDF : 35132.4/3

Left Out: 307.645+/-0.082 χ^2/NDF :1128501.7/10

Right Out: 428.759+/-0.242 χ^2/NDF : 889180.1/4

Left In: 319.590+/-0.089 χ^2/NDF :956931.9/9

Left: 313.180+/-0.060 χ^2/NDF : 2095187.4/20

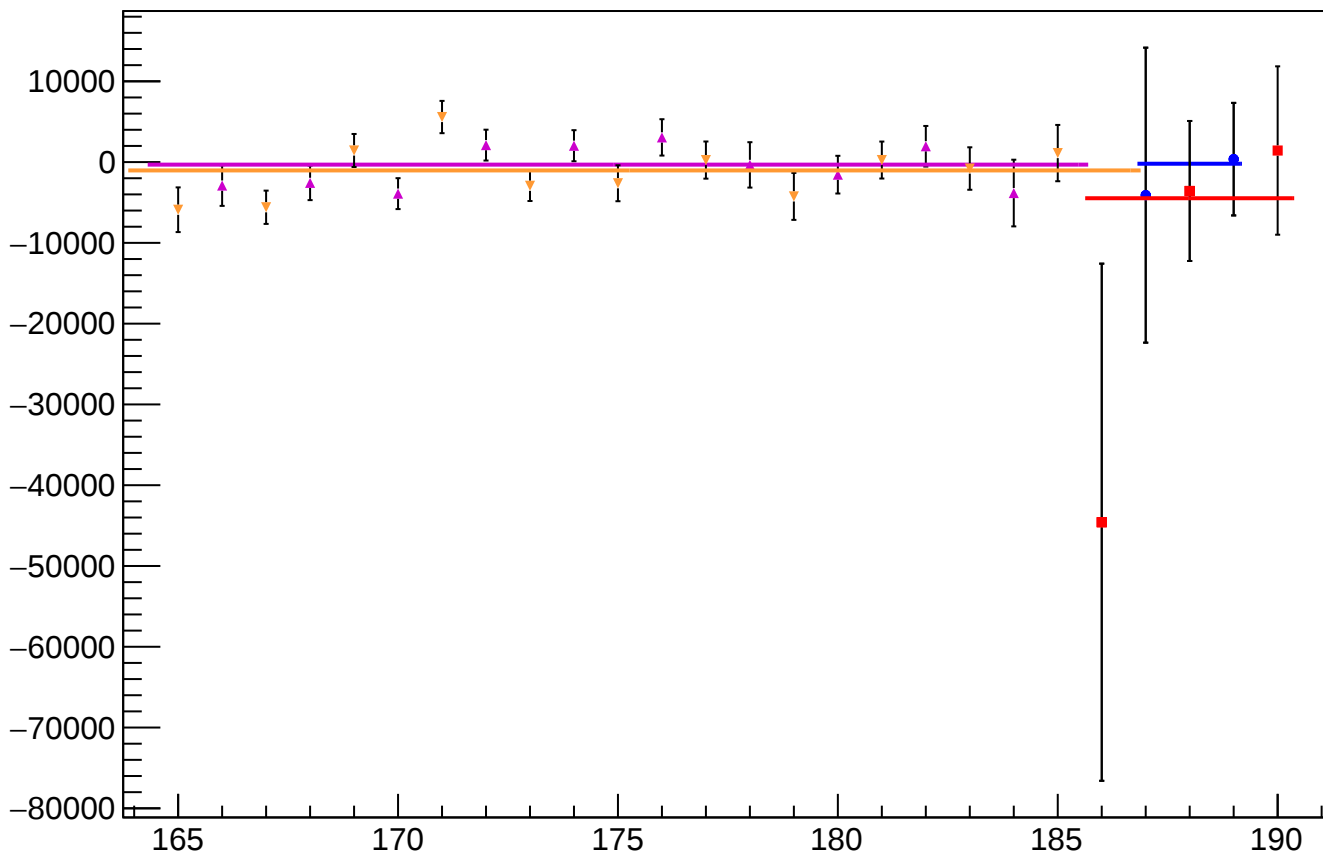
Right: 418.589+/-0.178 χ^2/NDF : 928116.5/8

In: 328.579+/-0.084 χ^2/NDF :1091899.3/13

Out: 320.167+/-0.078 χ^2/NDF :2241426.6/15

All: 324.064+/-0.057 χ^2/NDF : 3338719.5/29

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left: -686.445+/-501.013 χ^2/NDF : 37.5/20

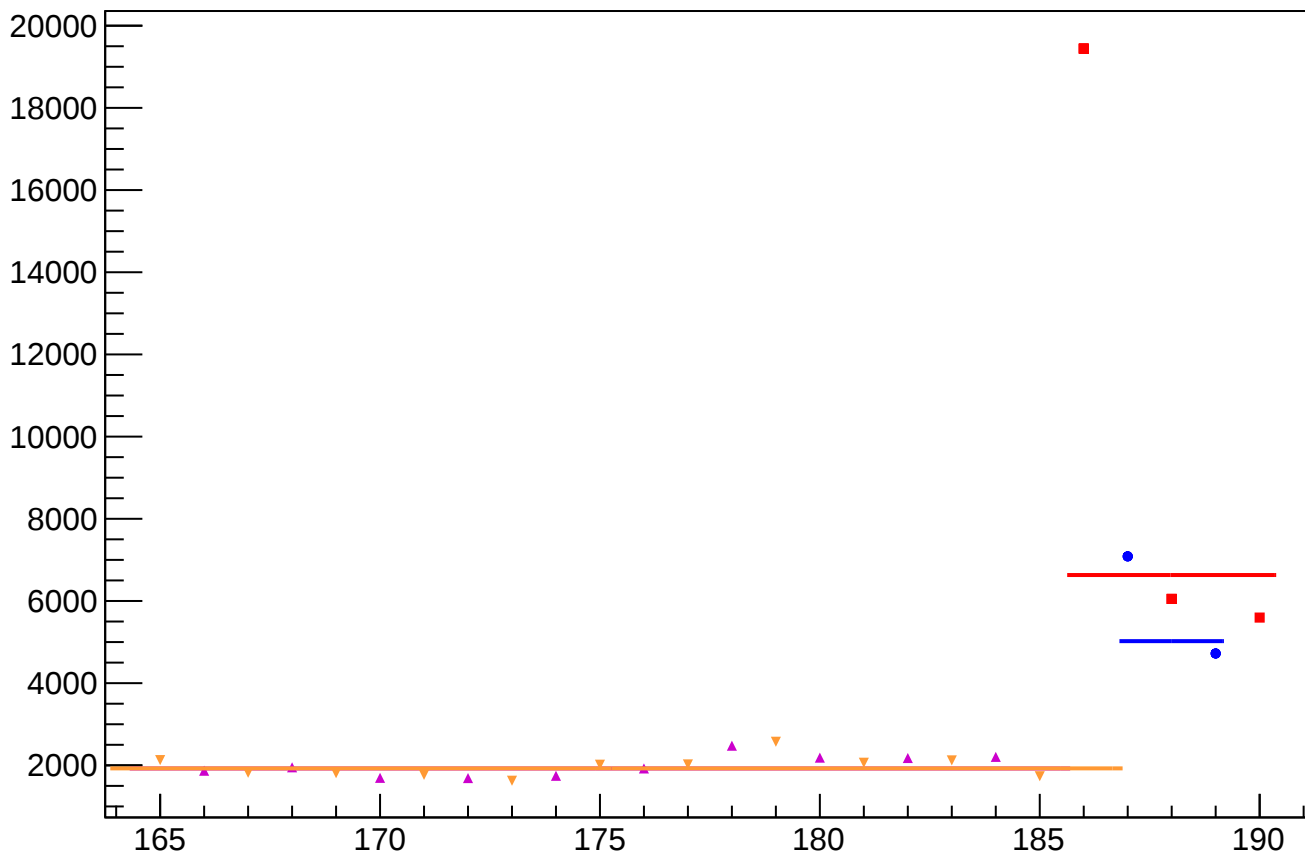
Right: -2102.357+/-3430.012 χ^2/NDF : 4.0/8

In: -311.642+/-713.149 χ^2/NDF :13.0/13

Out: -1094.184+/-689.641 χ^2/NDF :28.1/15

All: -716.023+/-495.752 χ^2/NDF : 41.7/29

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 5022.624+/-3.254 χ^2/NDF : 58467.7/3

Left Out: 1926.180+/-0.492 χ^2/NDF : 216155.7/10

Right Out: 6631.600+/-3.637 χ^2/NDF : 678422.7/4

Left In: 1923.554+/-0.510 χ^2/NDF : 209916.5/9

Left: 1924.915+/-0.354 χ^2/NDF : 426086.0/20

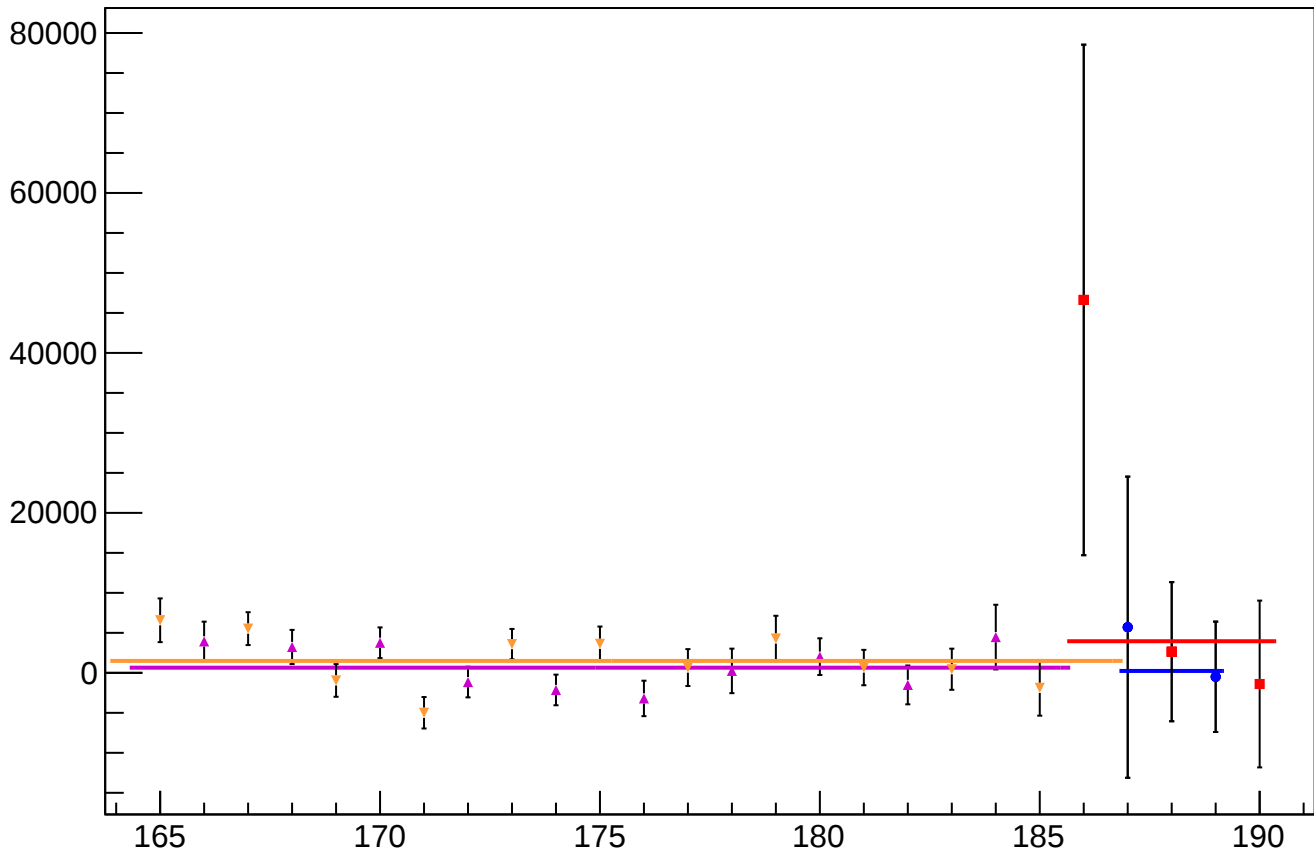
Right: 5737.952+/-2.425 χ^2/NDF : 845560.5/8

In: 1997.962+/-0.504 χ^2/NDF : 1153426.9/13

Out: 2010.748+/-0.488 χ^2/NDF : 2537870.4/15

All: 2004.569+/-0.351 χ^2/NDF : 3691629.5/29

asym_sam4_mean vs Slug, Sign Corrected



Right In: 237.668+/-4582.411 χ^2/NDF : 0.2/3

Left Out: 1491.616+/-688.085 χ^2/NDF : 24.2/10

Right Out: 3952.309+/-5157.219 χ^2/NDF : 3.9/4

Left In: 645.092+/-715.402 χ^2/NDF : 13.9/9

Left: 1084.825+/-495.926 χ^2/NDF : 38.9/20

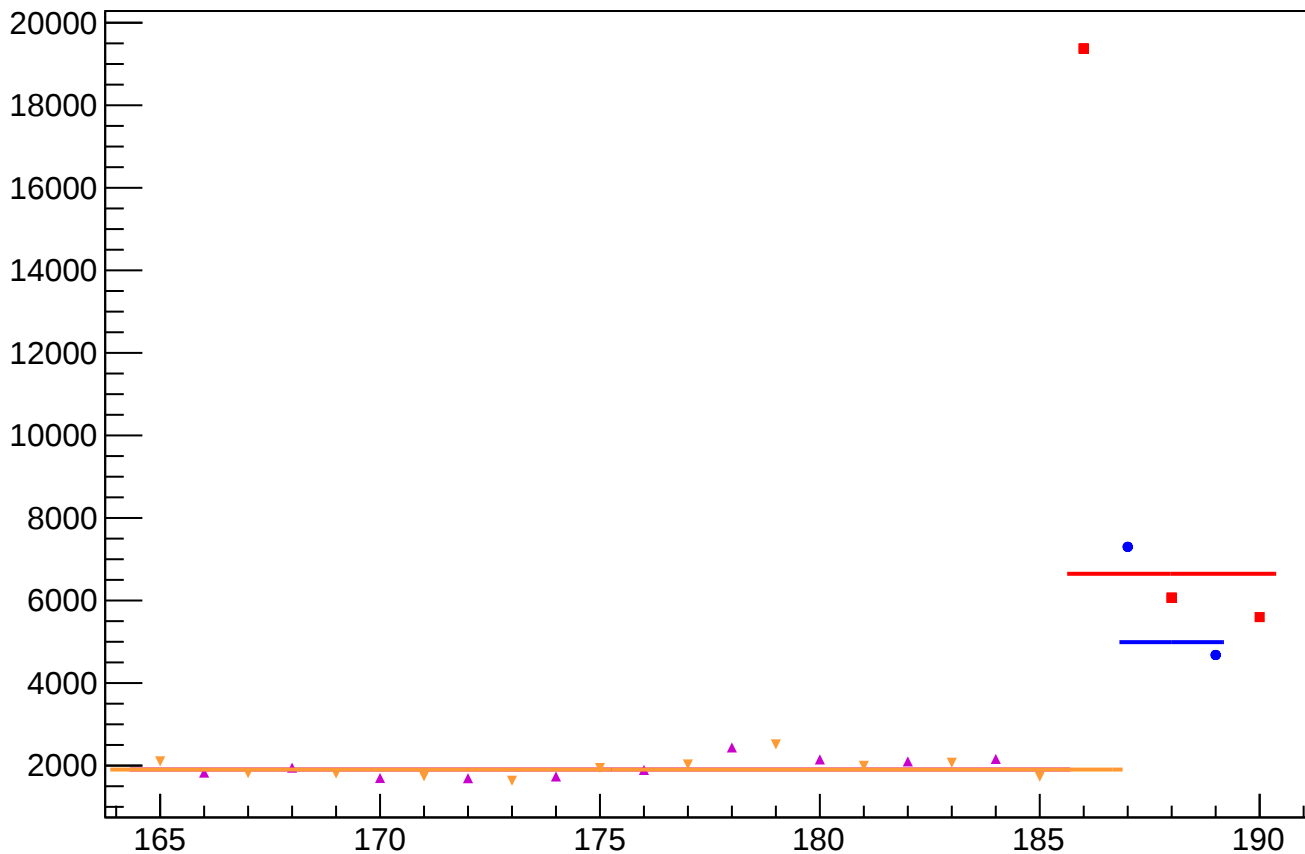
Right: 1876.521+/-3425.525 χ^2/NDF : 4.4/8

In: 635.398+/-706.840 χ^2/NDF : 14.1/13

Out: 1534.654+/-682.041 χ^2/NDF : 28.3/15

All: 1101.078+/-490.809 χ^2/NDF : 43.3/29

asym_sam4_rms vs Slug, Sign Corrected



Right In: 4991.060 $\pm$ 3.240 χ^2/NDF : 68270.5/3

Left Out: 1903.690 $\pm$ 0.487 χ^2/NDF : 188624.5/10

Right Out: 6647.596 $\pm$ 3.647 χ^2/NDF : 673958.0/4

Left In: 1905.662 $\pm$ 0.506 χ^2/NDF : 183089.4/9

Left: 1904.638 $\pm$ 0.351 χ^2/NDF : 371721.8/20

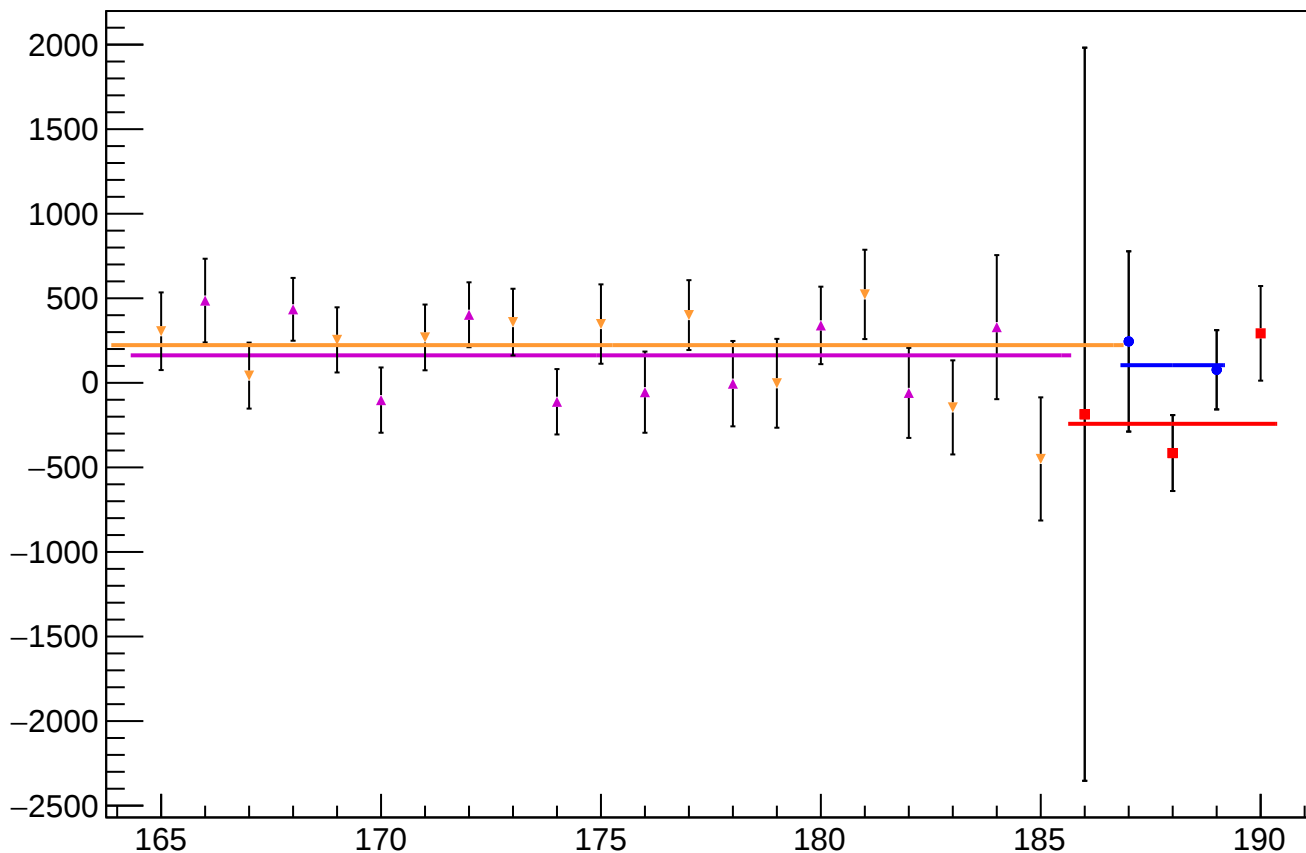
Right: 5721.903 $\pm$ 2.422 χ^2/NDF : 857538.5/8

In: 1979.074 $\pm$ 0.500 χ^2/NDF : 1136488.1/13

Out: 1986.661 $\pm$ 0.482 χ^2/NDF : 2525259.6/15

All: 1983.003 $\pm$ 0.347 χ^2/NDF : 3661867.0/29

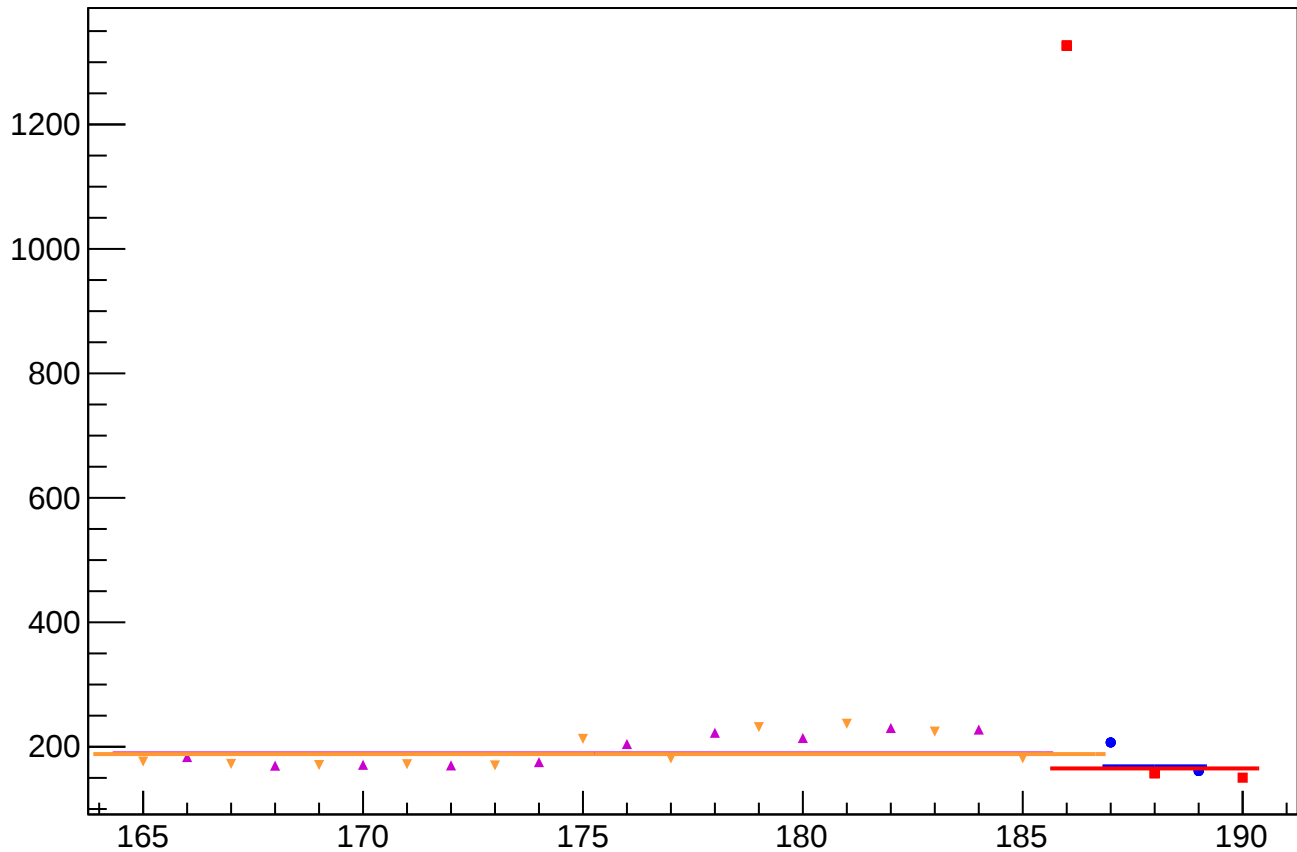
dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 104.388 $\pm$ 151.695 χ^2 /NDF: 0.2/3
 Left Out: 222.979 $\pm$ 68.167 χ^2 /NDF:9.8/10
 Right Out: -242.282 $\pm$ 137.522 χ^2 /NDF: 4.8/4
 Left In: 162.631 $\pm$ 71.103 χ^2 /NDF:12.0/9

Left: 194.076 $\pm$ 49.207 χ^2 /NDF: 22.2/20
 Right: -85.894 $\pm$ 101.886 χ^2 /NDF: 7.9/8
 In: 152.140 $\pm$ 64.381 χ^2 /NDF:12.3/13
 Out: 131.211 $\pm$ 61.076 χ^2 /NDF:23.8/15
 All: 141.124 $\pm$ 44.310 χ^2 /NDF: 36.2/29

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 168.522+/-0.107 χ^2/NDF : 24780.8/3

Left Out: 188.257+/-0.048 χ^2/NDF :247319.6/10

Right Out: 165.193+/-0.097 χ^2/NDF : 1158857.1/4

Left In: 189.309+/-0.050 χ^2/NDF :201269.5/9

Left: 188.761+/-0.035 χ^2/NDF : 448817.2/20

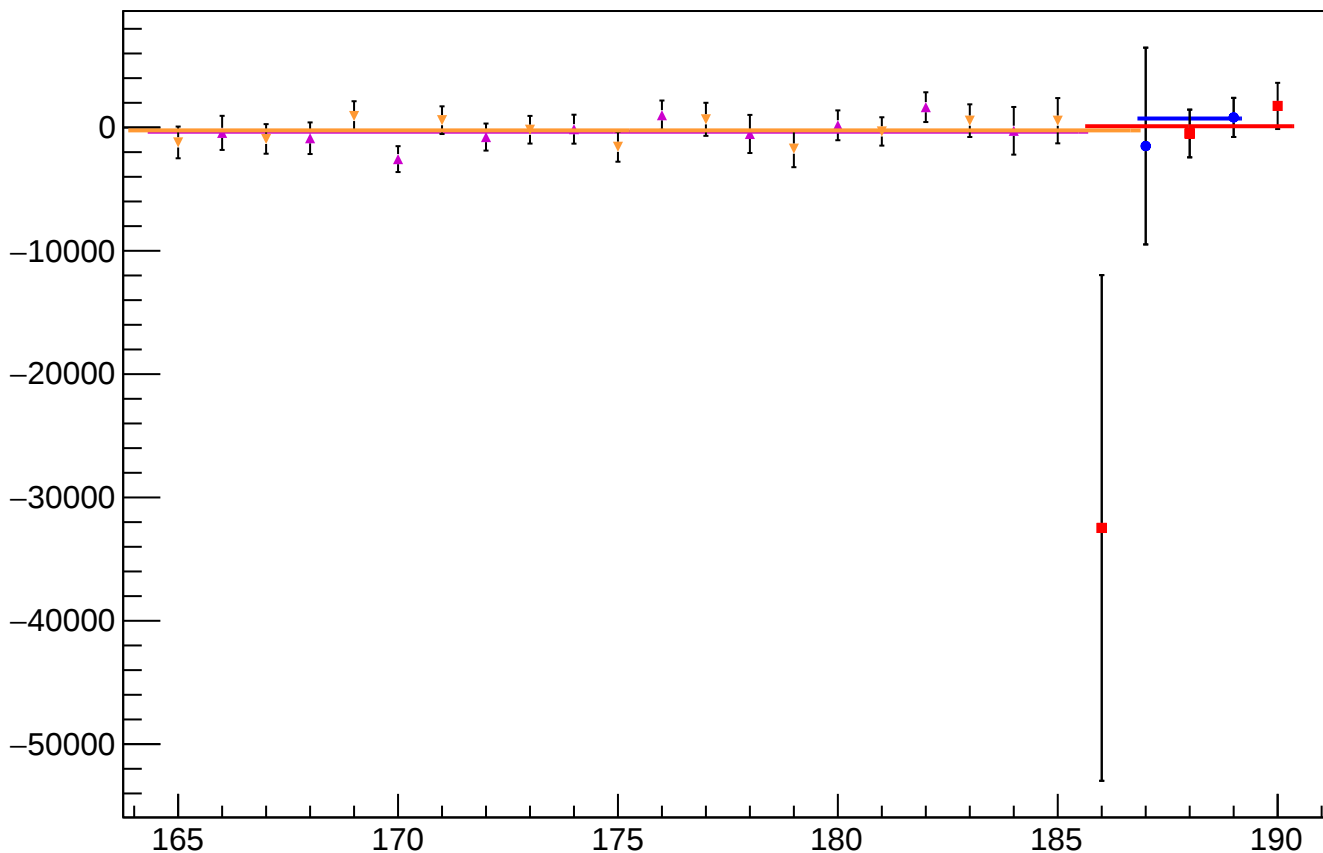
Right: 166.695+/-0.072 χ^2/NDF : 1184166.6/8

In: 185.565+/-0.046 χ^2/NDF :256838.9/13

Out: 183.708+/-0.043 χ^2/NDF :1451333.7/15

All: 184.587+/-0.031 χ^2/NDF : 1709048.1/29

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left: -286.824 $\pm$ 274.756 χ^2/NDF : 14.6/20

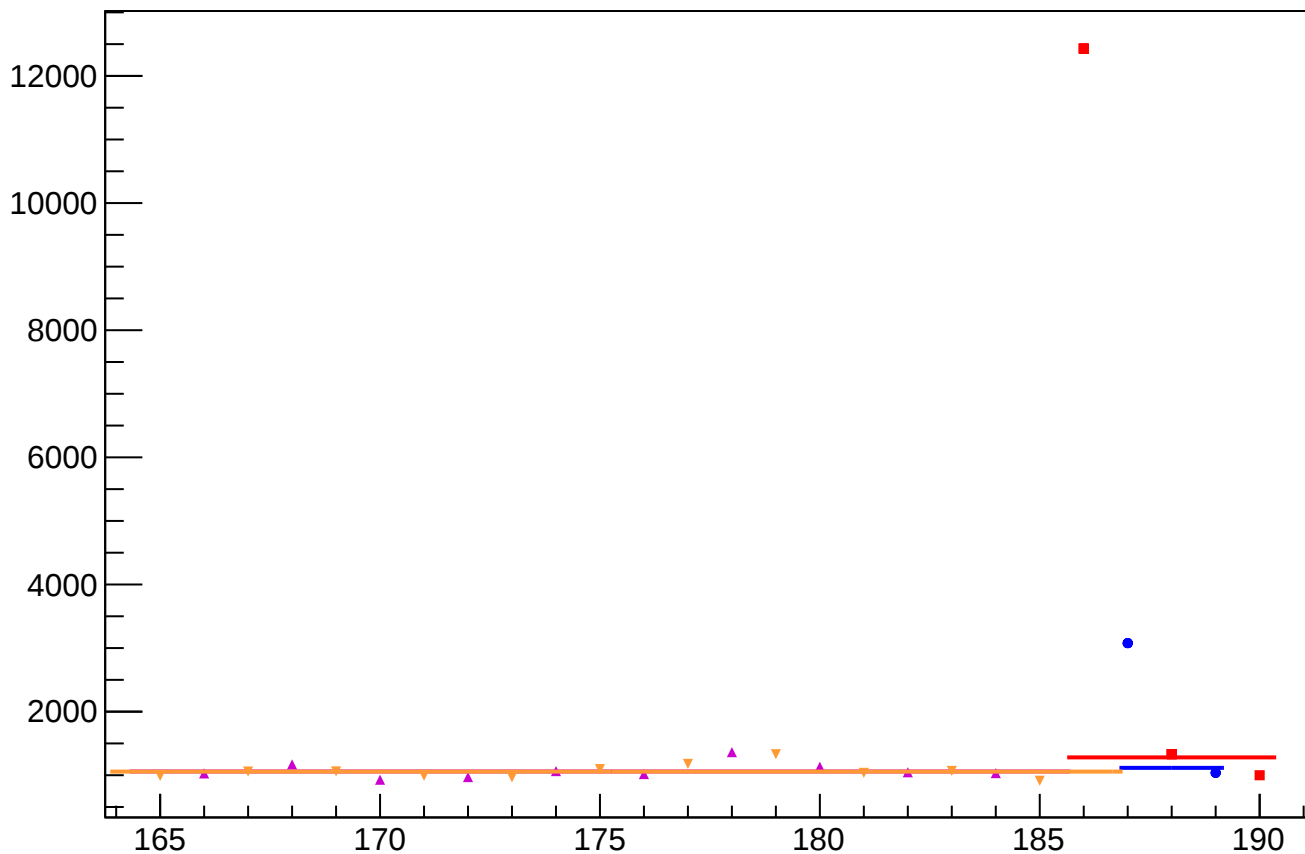
Right: 414.249 $\pm$ 778.059 χ^2/NDF : 6.3/8

In: -218.720 $\pm$ 373.046 χ^2/NDF : 10.0/13

Out: -200.123 $\pm$ 360.079 χ^2/NDF : 11.7/15

All: -209.093 $\pm$ 259.077 χ^2/NDF : 21.7/29

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left: 1057.924 $\pm$ 0.194 χ^2 /NDF: 270437.1/20

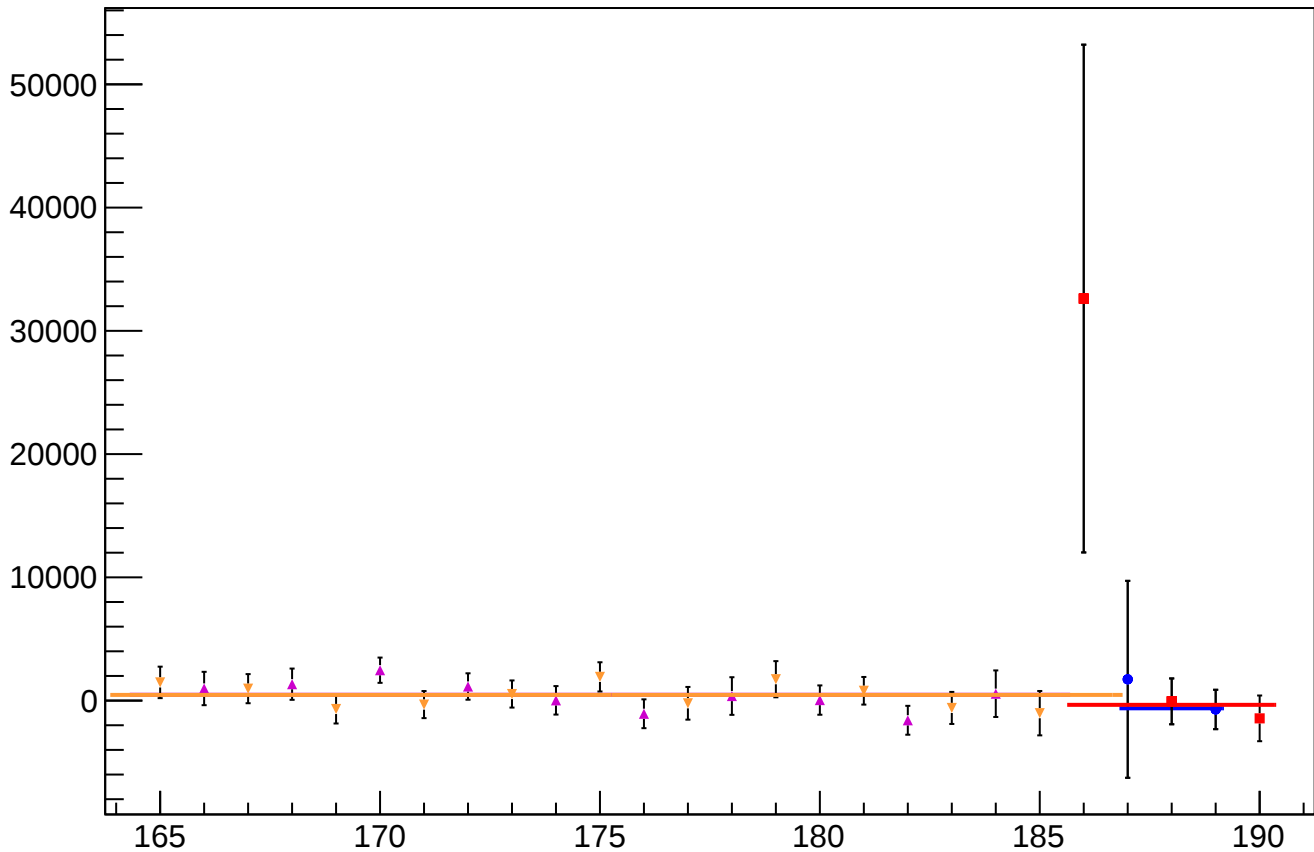
Right: 1197.868 $\pm$ 0.550 χ^2 /NDF: 1504519.5/8

In: 1065.326 $\pm$ 0.264 χ^2 /NDF:403779.1/13

Out: 1081.000 $\pm$ 0.255 χ^2 /NDF:1426876.9/15

All: 1073.440 $\pm$ 0.183 χ^2 /NDF: 1832484.0/29

asym_sam5_mean vs Slug, Sign Corrected



Right In: -625.514 $\pm$ 1108.057 χ^2/NDF : 0.2/3

Left Out: 462.211 $\pm$ 374.117 χ^2/NDF : 6.2/10

Right Out: -344.086 $\pm$ 1069.577 χ^2/NDF : 5.5/4

Left In: 472.811 $\pm$ 388.783 χ^2/NDF : 9.9/9

Left: 467.307 $\pm$ 269.576 χ^2/NDF : 16.2/20

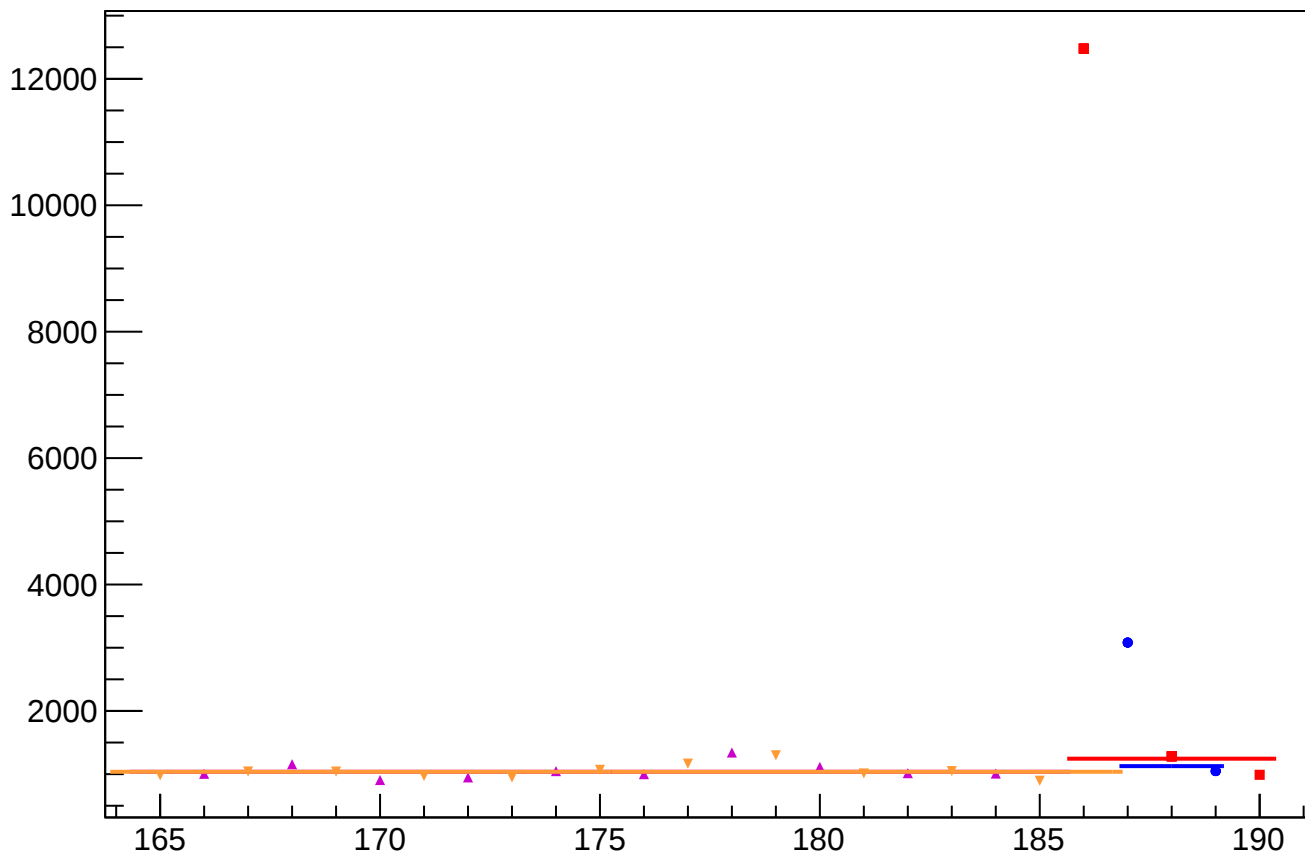
Right: -479.828 $\pm$ 769.549 χ^2/NDF : 5.7/8

In: 352.419 $\pm$ 366.856 χ^2/NDF : 11.0/13

Out: 374.317 $\pm$ 353.138 χ^2/NDF : 12.3/15

All: 363.785 $\pm$ 254.418 χ^2/NDF : 23.2/29

asym_sam5_rms vs Slug, Sign Corrected



Right In: 1126.817+/-0.784 χ^2/NDF : 249126.3/3

Left Out: 1037.356+/-0.265 χ^2/NDF : 121377.2/10

Right Out: 1244.486+/-0.756 χ^2/NDF : 1229106.2/4

Left In: 1037.117+/-0.275 χ^2/NDF : 156541.1/9

Left: 1037.241+/-0.191 χ^2/NDF : 277918.7/20

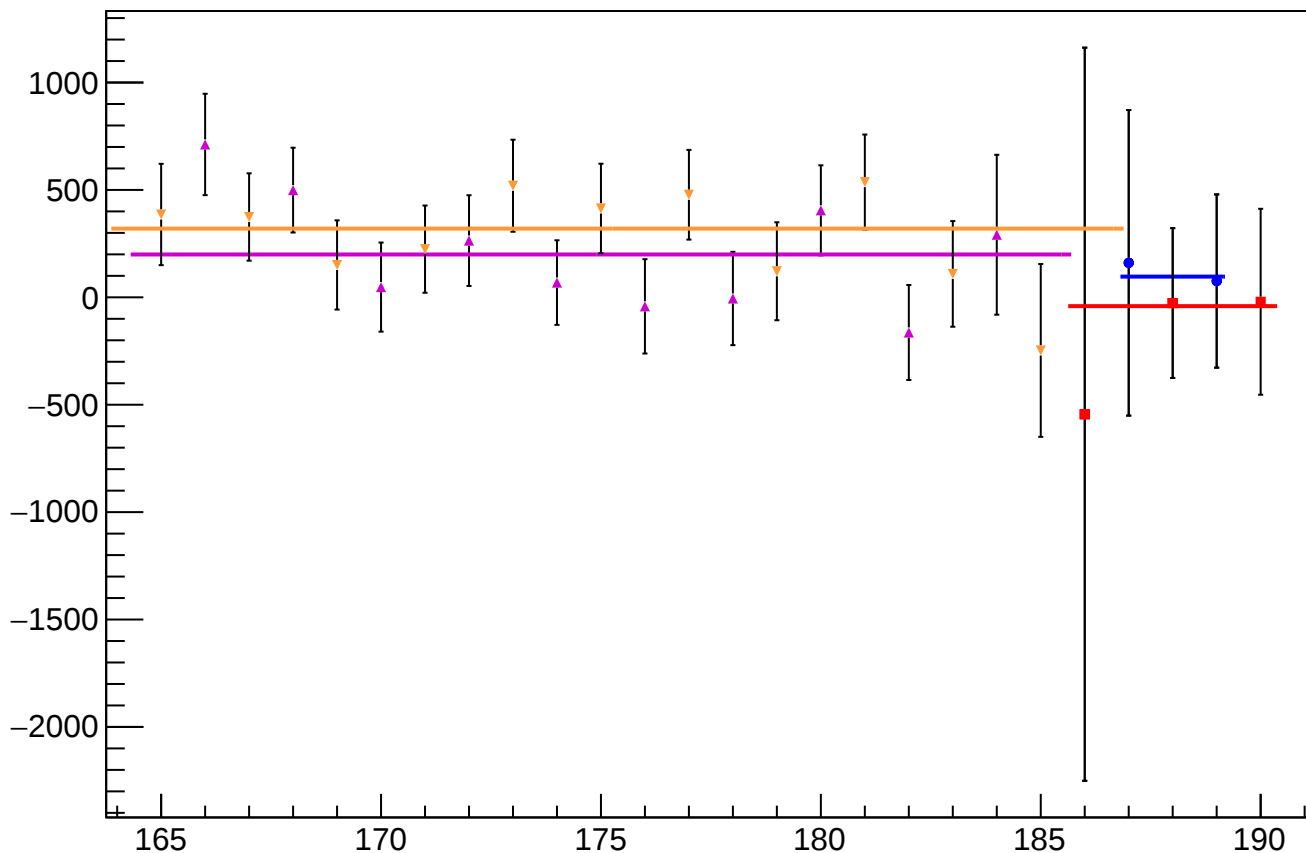
Right: 1187.730+/-0.544 χ^2/NDF : 1489908.0/8

In: 1046.950+/-0.259 χ^2/NDF : 417337.4/13

Out: 1059.935+/-0.250 χ^2/NDF : 1417312.3/15

All: 1053.690+/-0.180 χ^2/NDF : 1835950.4/29

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: 96.451 ± 248.048 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 319.869 ± 67.461 $\chi^2/\text{NDF}: 7.1/10$

Right Out: -41.074 ± 210.968 $\chi^2/\text{NDF}: 0.2/4$

Left In: 199.483 ± 69.429 $\chi^2/\text{NDF}: 13.9/9$

Left: 261.406 ± 48.383 $\chi^2/\text{NDF}: 22.6/20$

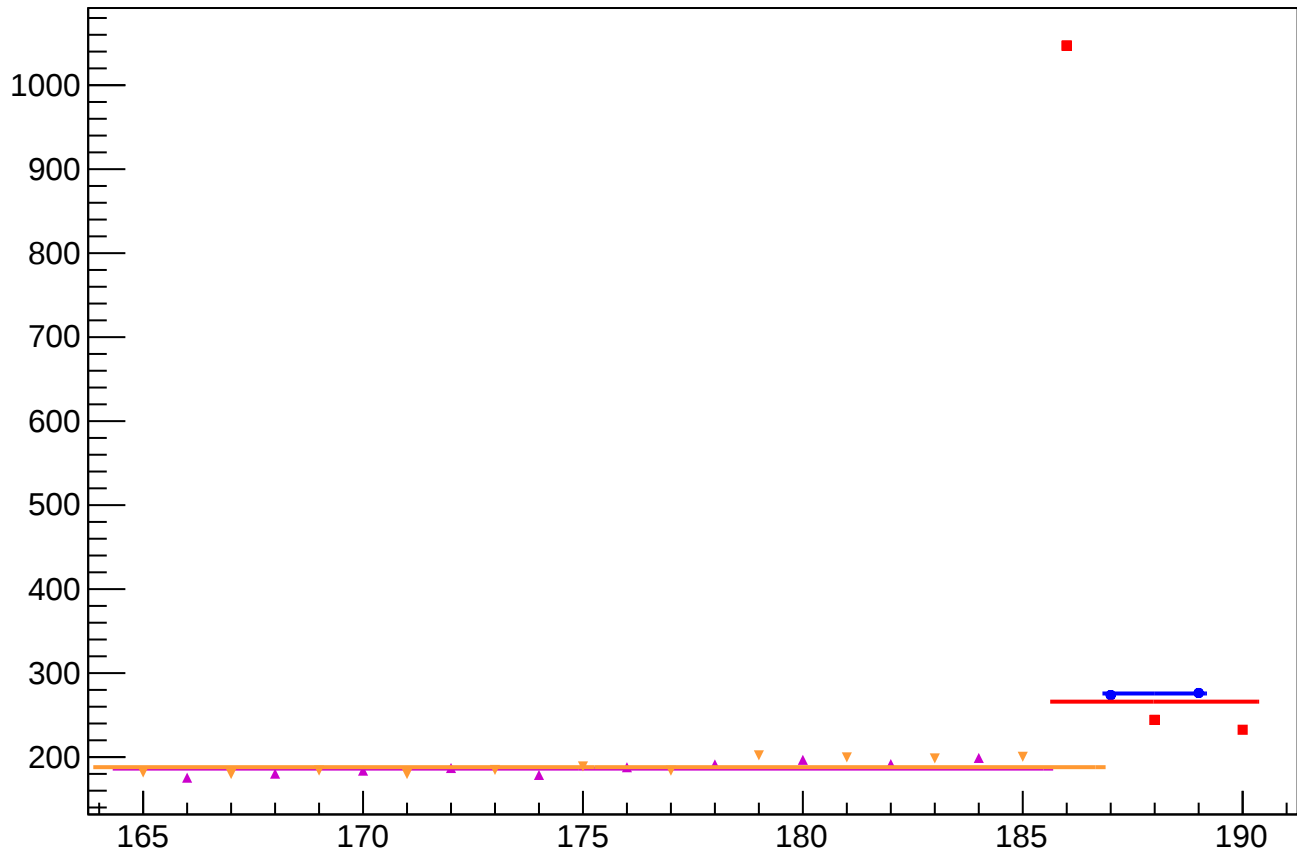
Right: 16.651 ± 160.704 $\chi^2/\text{NDF}: 0.4/8$

In: 191.997 ± 66.859 $\chi^2/\text{NDF}: 14.1/13$

Out: 286.386 ± 64.256 $\chi^2/\text{NDF}: 9.9/15$

All: 241.065 ± 46.329 $\chi^2/\text{NDF}: 25.1/29$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 275.726 ± 0.175 χ^2/NDF : 37.0/3

Left Out: 188.001 ± 0.048 χ^2/NDF : 28748.3/10

Right Out: 266.011 ± 0.149 χ^2/NDF : 865359.6/4

Left In: 186.296 ± 0.049 χ^2/NDF : 18942.9/9

Left: 187.173 ± 0.034 χ^2/NDF : 48312.2/20

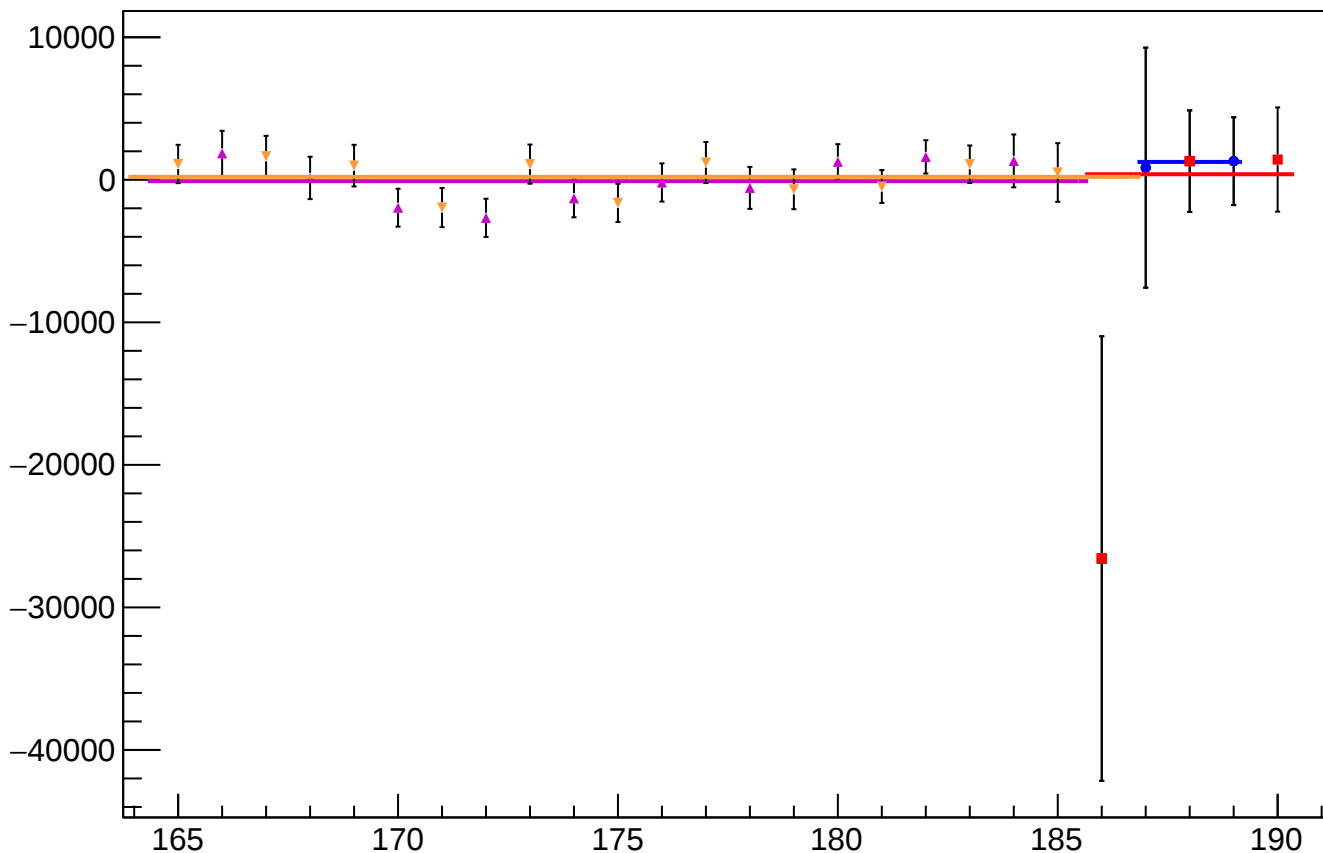
Right: 270.089 ± 0.114 χ^2/NDF : 867176.9/8

In: 192.793 ± 0.047 χ^2/NDF : 260066.3/13

Out: 195.238 ± 0.045 χ^2/NDF : 1142195.5/15

All: 194.064 ± 0.033 χ^2/NDF : 1403652.3/29

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left: 62.132 $\pm$ 302.630 χ^2 /NDF: 20.5/20

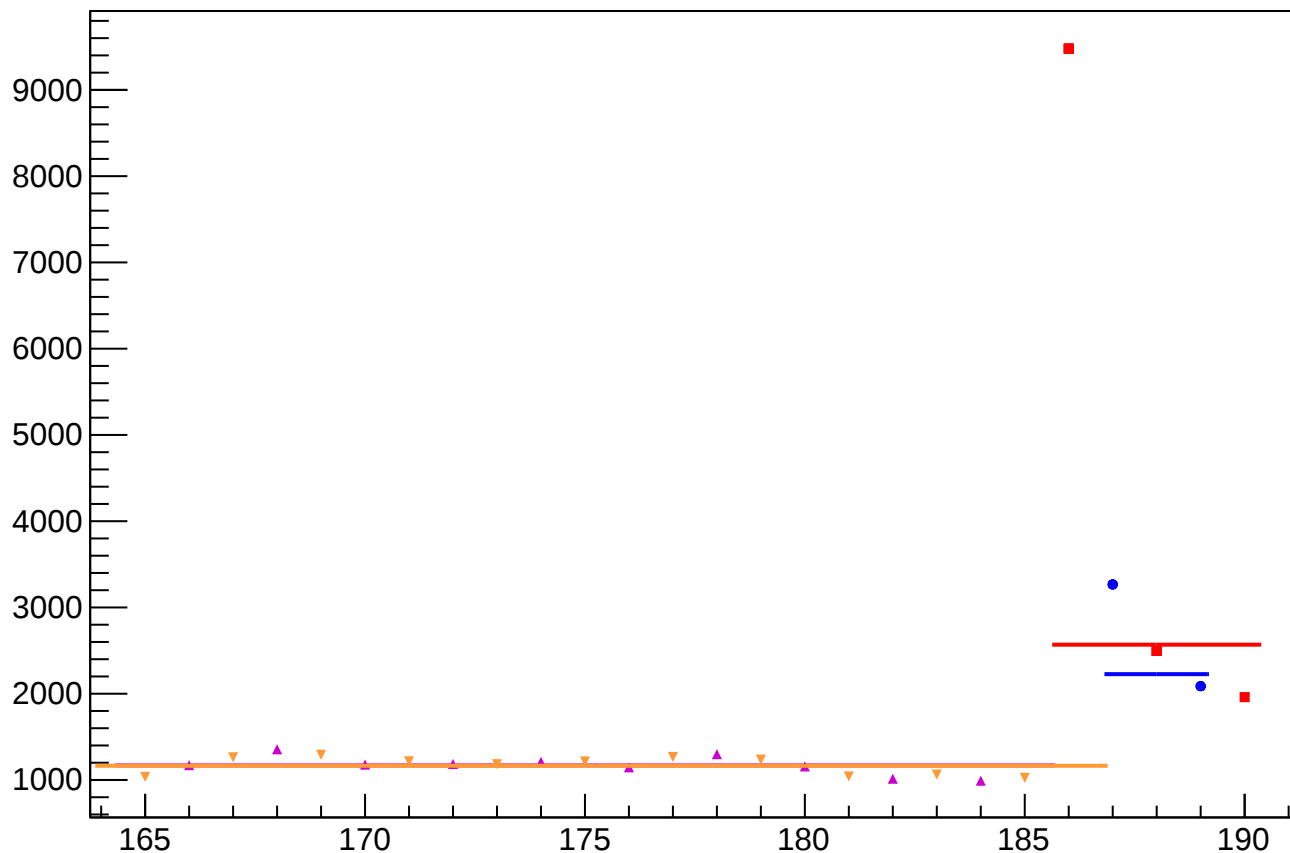
Right: 819.613 $\pm$ 1444.291 χ^2 /NDF: 6.3/8

In: -36.784 $\pm$ 427.563 χ^2 /NDF:12.4/13

Out: 214.663 $\pm$ 410.717 χ^2 /NDF:14.4/15

All: 93.991 $\pm$ 296.197 χ^2 /NDF: 27.0/29

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 2226.837+/-1.447 χ^2/NDF : 69219.8/3

Left Out: 1164.799+/-0.297 χ^2/NDF : 108487.9/10

Right Out: 2568.585+/-1.441 χ^2/NDF : 842539.2/4

Left In: 1169.085+/-0.309 χ^2/NDF : 103406.0/9

Left: 1166.852+/-0.214 χ^2/NDF : 211993.9/20

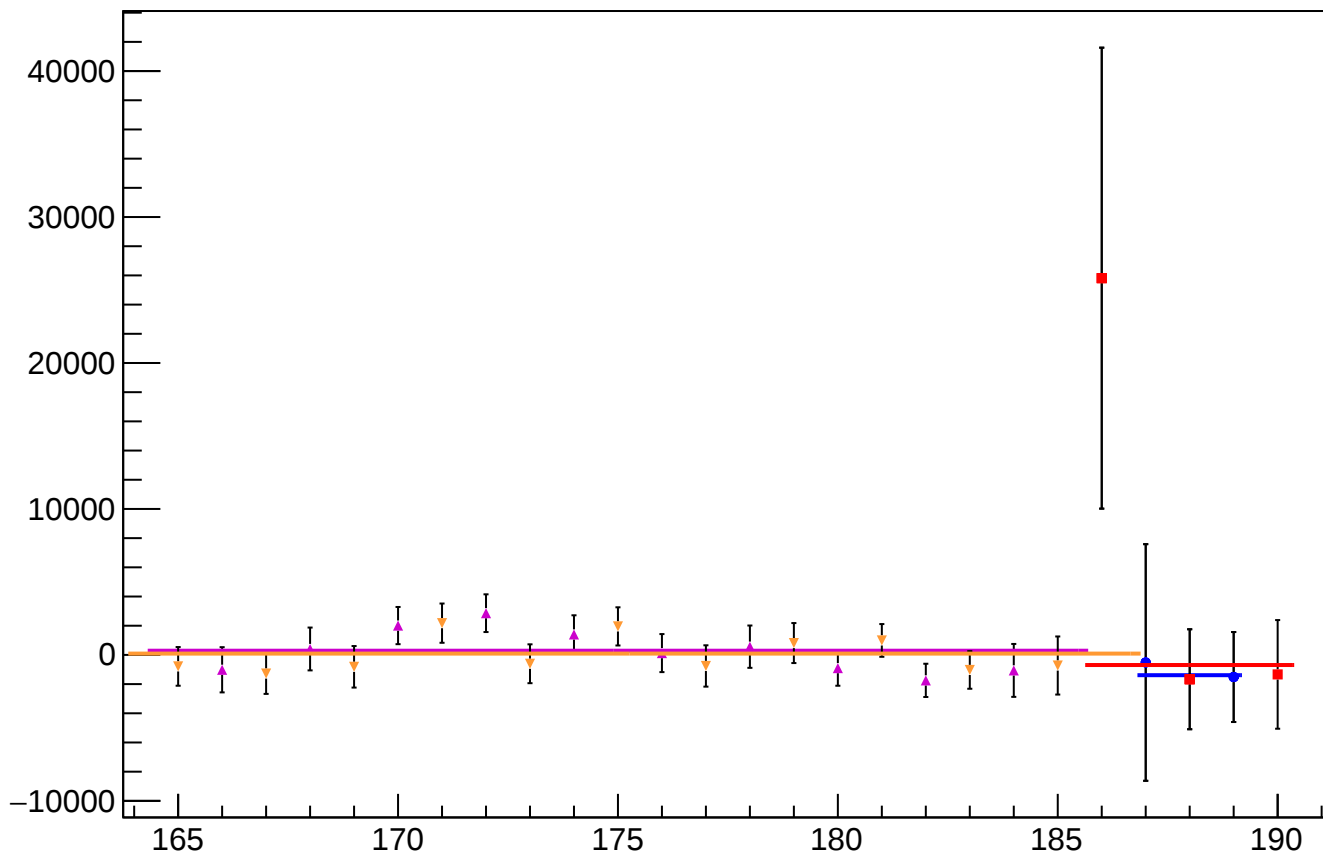
Right: 2398.396+/-1.021 χ^2/NDF : 939753.1/8

In: 1215.248+/-0.302 χ^2/NDF : 683523.5/13

Out: 1221.787+/-0.290 χ^2/NDF : 1861007.8/15

All: 1218.649+/-0.209 χ^2/NDF : 2544774.5/29

asym_sam6_mean vs Slug, Sign Corrected



Right In: -1389.386 $\pm$ 2037.294 χ^2/NDF : 0.0/3

Left Out: 89.616 $\pm$ 409.610 χ^2/NDF : 8.7/10

Right Out: -692.942 $\pm$ 1997.145 χ^2/NDF : 5.8/4

Left In: 287.271 $\pm$ 426.310 χ^2/NDF : 12.0/9

Left: 184.497 $\pm$ 295.365 χ^2/NDF : 20.8/20

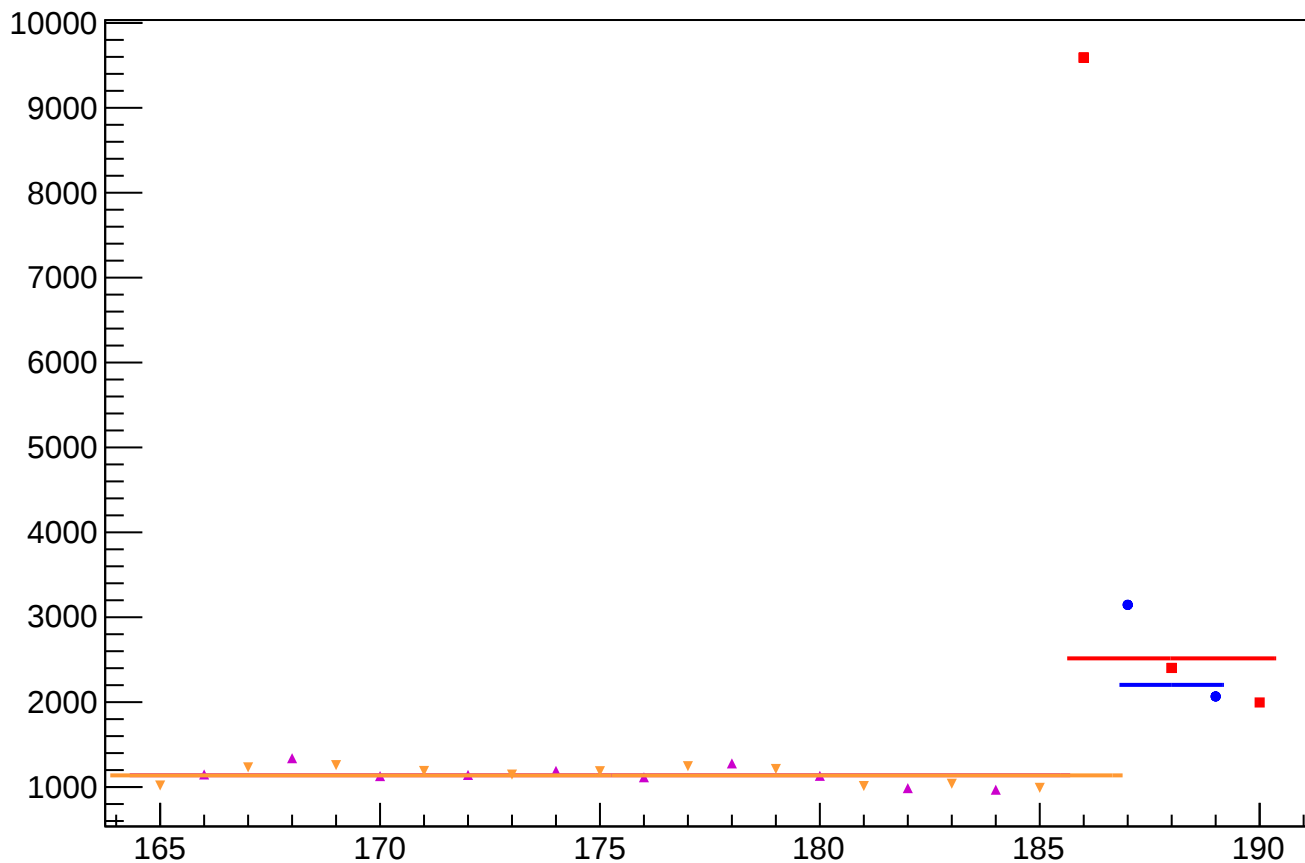
Right: -1034.234 $\pm$ 1426.178 χ^2/NDF : 5.9/8

In: 216.936 $\pm$ 417.272 χ^2/NDF : 12.7/13

Out: 58.026 $\pm$ 401.258 χ^2/NDF : 14.7/15

All: 134.373 $\pm$ 289.228 χ^2/NDF : 27.4/29

asym_sam6_rms vs Slug, Sign Corrected



Right In: 2203.440 $\pm$ 1.441 χ^2/NDF : 61940.2/3

Left Out: 1137.486 $\pm$ 0.290 χ^2/NDF : 110977.5/10

Right Out: 2515.598 $\pm$ 1.412 χ^2/NDF : 846409.7/4

Left In: 1139.533 $\pm$ 0.301 χ^2/NDF : 113075.1/9

Left: 1138.469 $\pm$ 0.209 χ^2/NDF : 224076.5/20

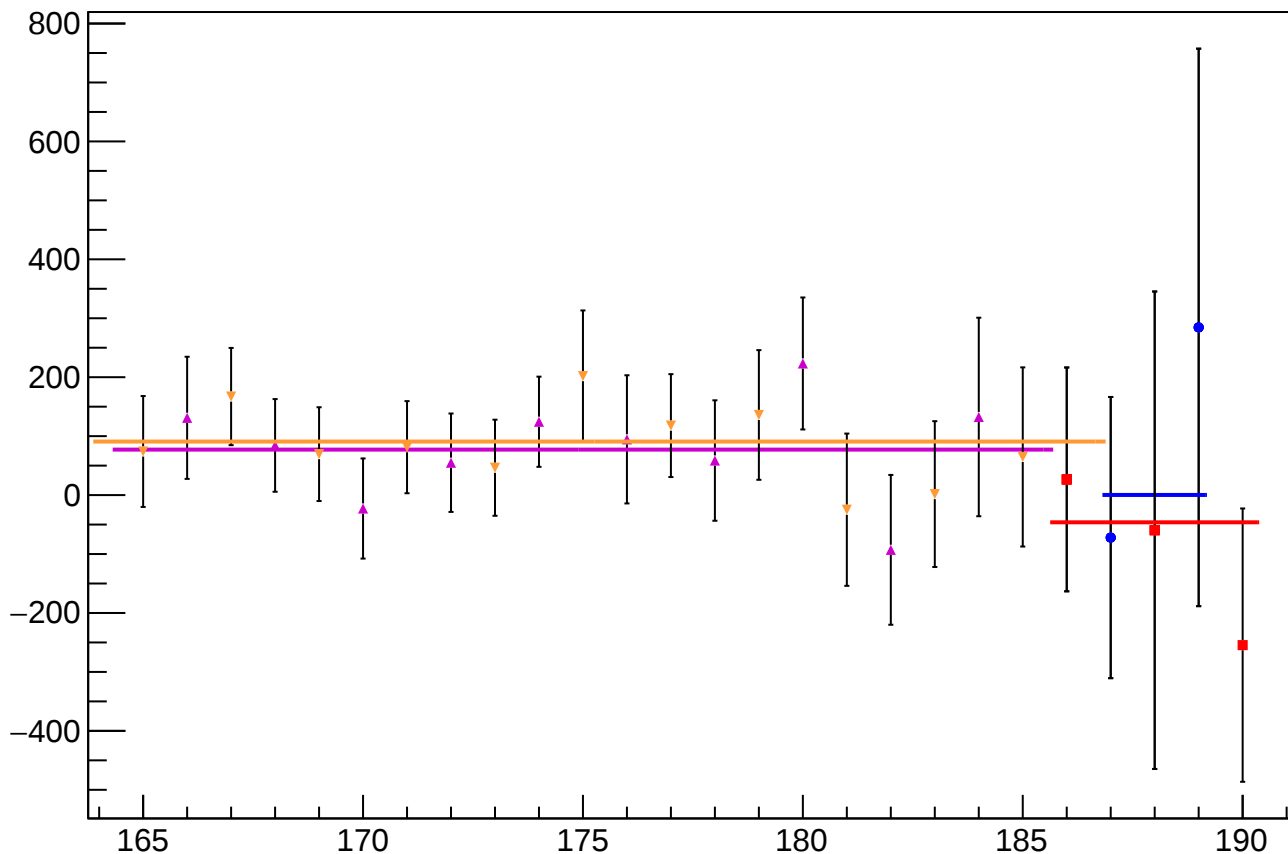
Right: 2362.625 $\pm$ 1.008 χ^2/NDF : 932294.0/8

In: 1184.164 $\pm$ 0.295 χ^2/NDF : 697553.9/13

Out: 1193.116 $\pm$ 0.284 χ^2/NDF : 1871258.2/15

All: 1188.815 $\pm$ 0.205 χ^2/NDF : 2569290.4/29

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: 0.239 ± 150.591 $\chi^2/\text{NDF}: 0.9/3$

Left Out: 90.846 ± 28.925 $\chi^2/\text{NDF}: 3.9/10$

Right Out: -46.192 ± 107.661 $\chi^2/\text{NDF}: 1.1/4$

Left In: 77.159 ± 30.637 $\chi^2/\text{NDF}: 5.8/9$

Left: 84.396 ± 21.032 $\chi^2/\text{NDF}: 9.8/20$

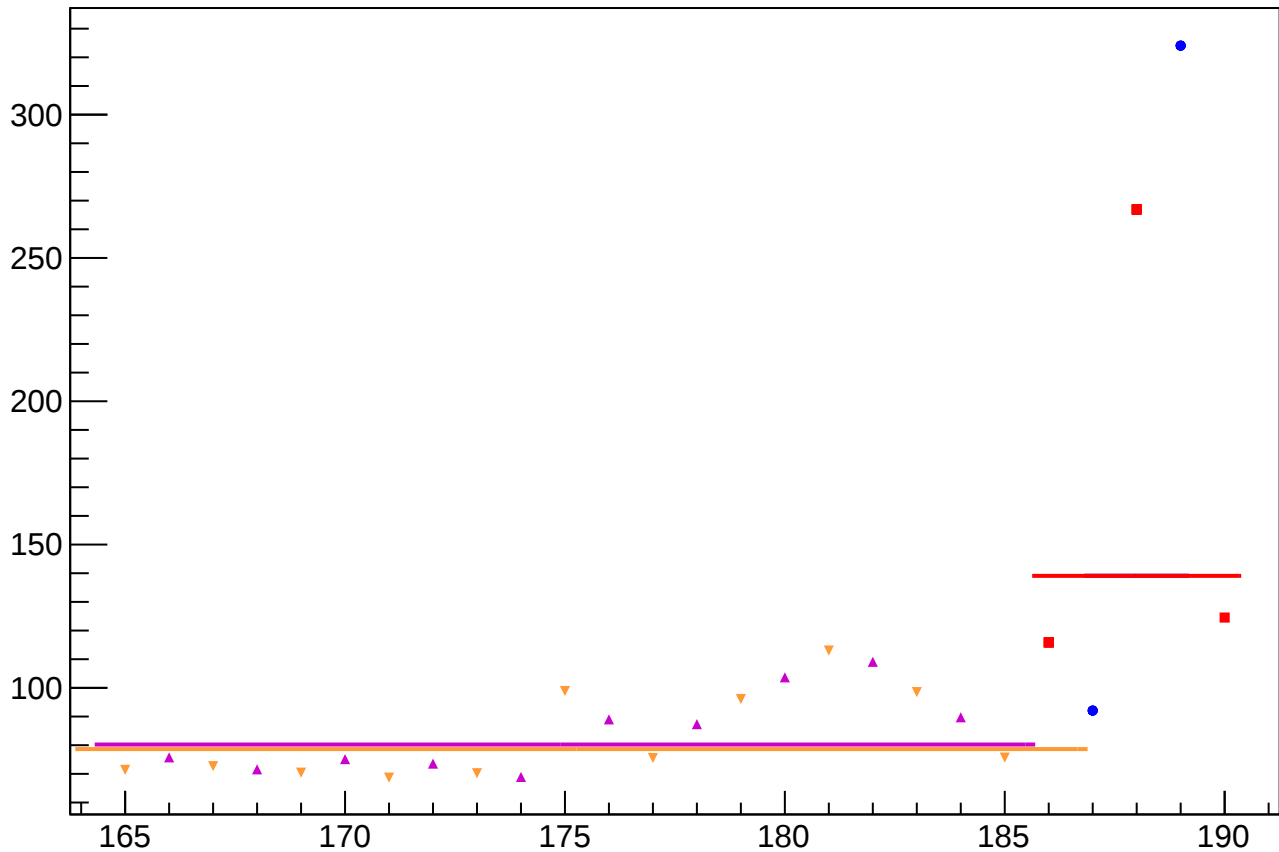
Right: -30.487 ± 87.581 $\chi^2/\text{NDF}: 2.1/8$

In: 74.101 ± 30.022 $\chi^2/\text{NDF}: 6.9/13$

Out: 81.621 ± 27.934 $\chi^2/\text{NDF}: 6.5/15$

All: 78.132 ± 20.451 $\chi^2/\text{NDF}: 13.5/29$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.132+/-0.106 χ^2/NDF : 767504.8/3

Left Out: 78.649+/-0.020 χ^2/NDF : 410733.7/10

Right Out: 139.085+/-0.076 χ^2/NDF : 466126.2/4

Left In: 80.239+/-0.022 χ^2/NDF : 311489.9/9

Left: 79.398+/-0.015 χ^2/NDF : 725074.6/20

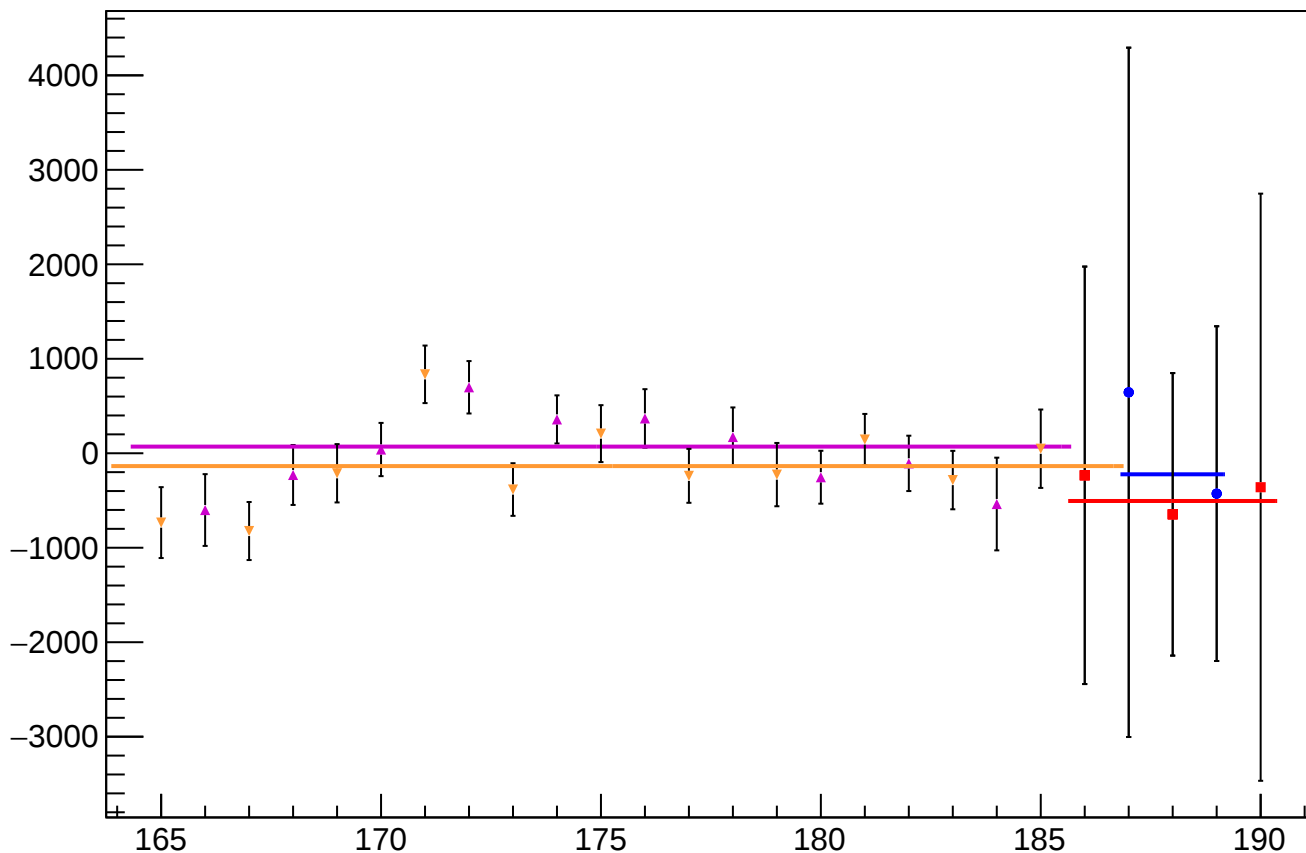
Right: 139.101+/-0.062 χ^2/NDF : 1233631.1/8

In: 82.580+/-0.021 χ^2/NDF : 1372723.5/13

Out: 82.717+/-0.020 χ^2/NDF : 1464677.5/15

All: 82.654+/-0.014 χ^2/NDF : 2837423.4/29

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -222.697 ± 1126.865 $\chi^2/\text{NDF}: 0.1/3$

Left Out: -135.836 ± 93.684 $\chi^2/\text{NDF}: 21.6/10$

Right Out: -505.175 ± 842.787 $\chi^2/\text{NDF}: 0.1/4$

Left In: 70.445 ± 96.623 $\chi^2/\text{NDF}: 14.7/9$

Left: -35.881 ± 67.260 $\chi^2/\text{NDF}: 38.6/20$

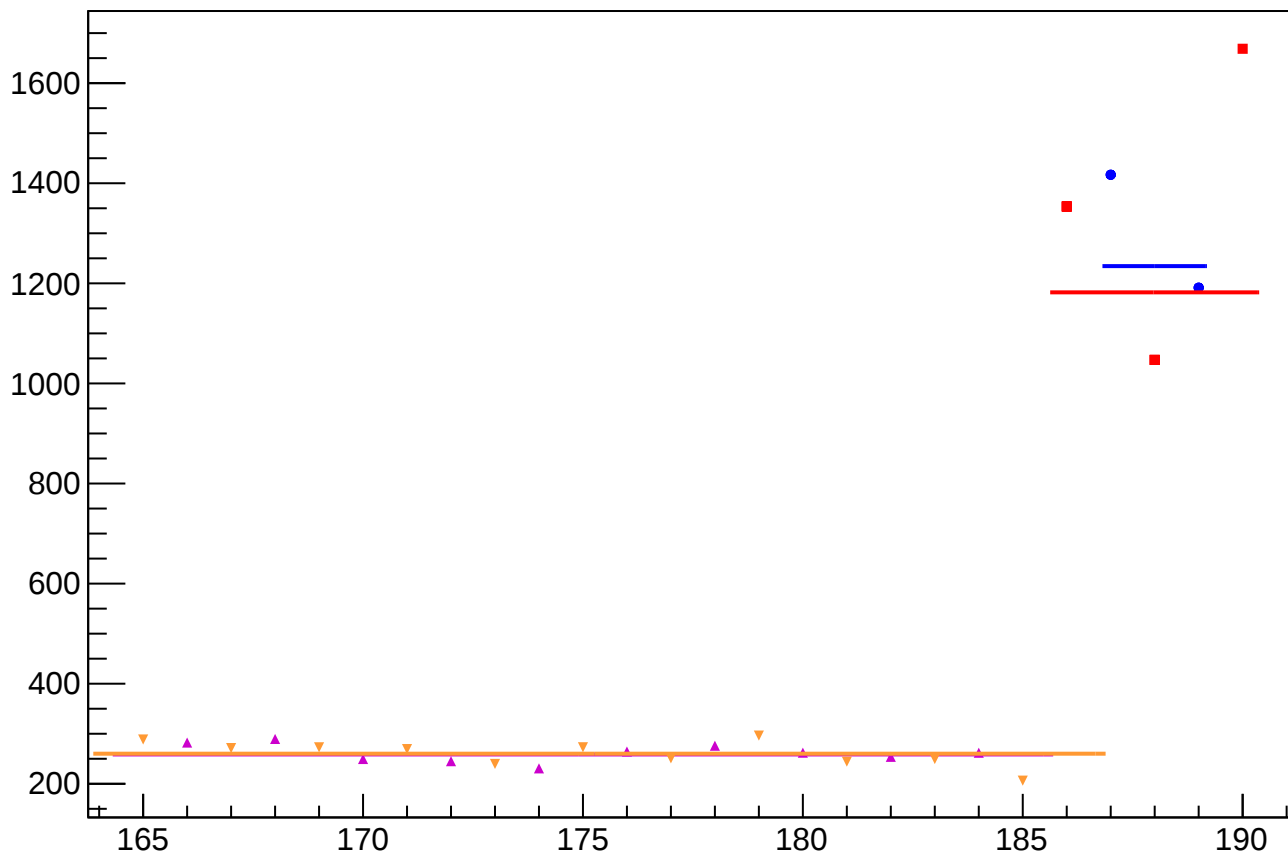
Right: -403.847 ± 674.908 $\chi^2/\text{NDF}: 0.2/8$

In: 68.306 ± 96.270 $\chi^2/\text{NDF}: 14.9/13$

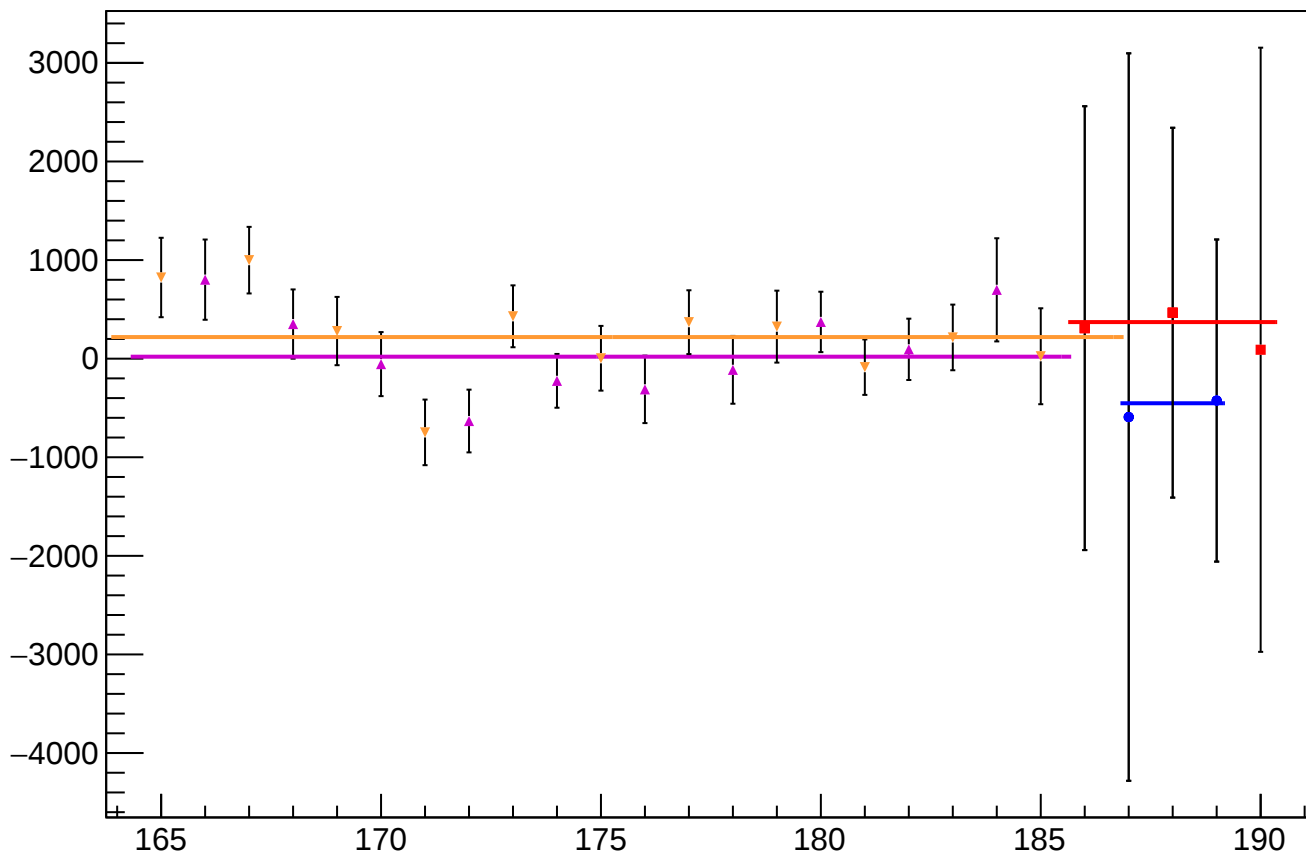
Out: -140.344 ± 93.110 $\chi^2/\text{NDF}: 21.8/15$

All: -39.499 ± 66.928 $\chi^2/\text{NDF}: 39.2/29$

asym_sam7_correction_rms vs Slug, Sign Corrected



asym_sam7_mean vs Slug, Sign Corrected



Right In: -452.298 $\pm$ 1056.231 χ^2 /NDF: 0.0/3

Left Out: 219.084 $\pm$ 102.768 χ^2 /NDF:18.6/10

Right Out: 371.019 $\pm$ 966.875 χ^2 /NDF: 0.0/4

Left In: 20.026 $\pm$ 106.242 χ^2 /NDF:13.8/9

Left: 122.863 $\pm$ 73.866 χ^2 /NDF: 34.2/20

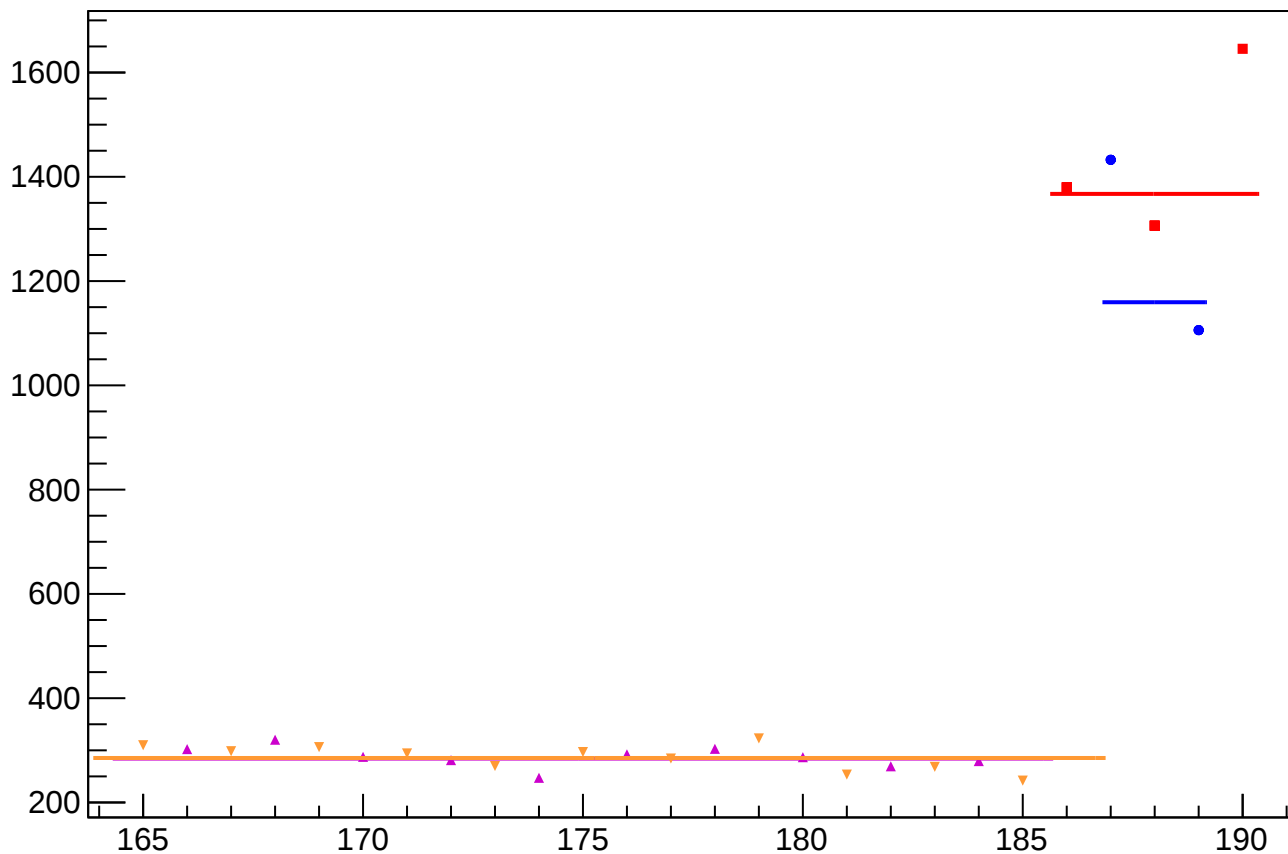
Right: -4.346 $\pm$ 713.186 χ^2 /NDF: 0.3/8

In: 15.295 $\pm$ 105.709 χ^2 /NDF:14.0/13

Out: 220.781 $\pm$ 102.192 χ^2 /NDF:18.6/15

All: 121.513 $\pm$ 73.473 χ^2 /NDF: 34.6/29

asym_sam7_rms vs Slug, Sign Corrected



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

Left: 284.760+/-0.052 χ^2/NDF : 168277.8/20

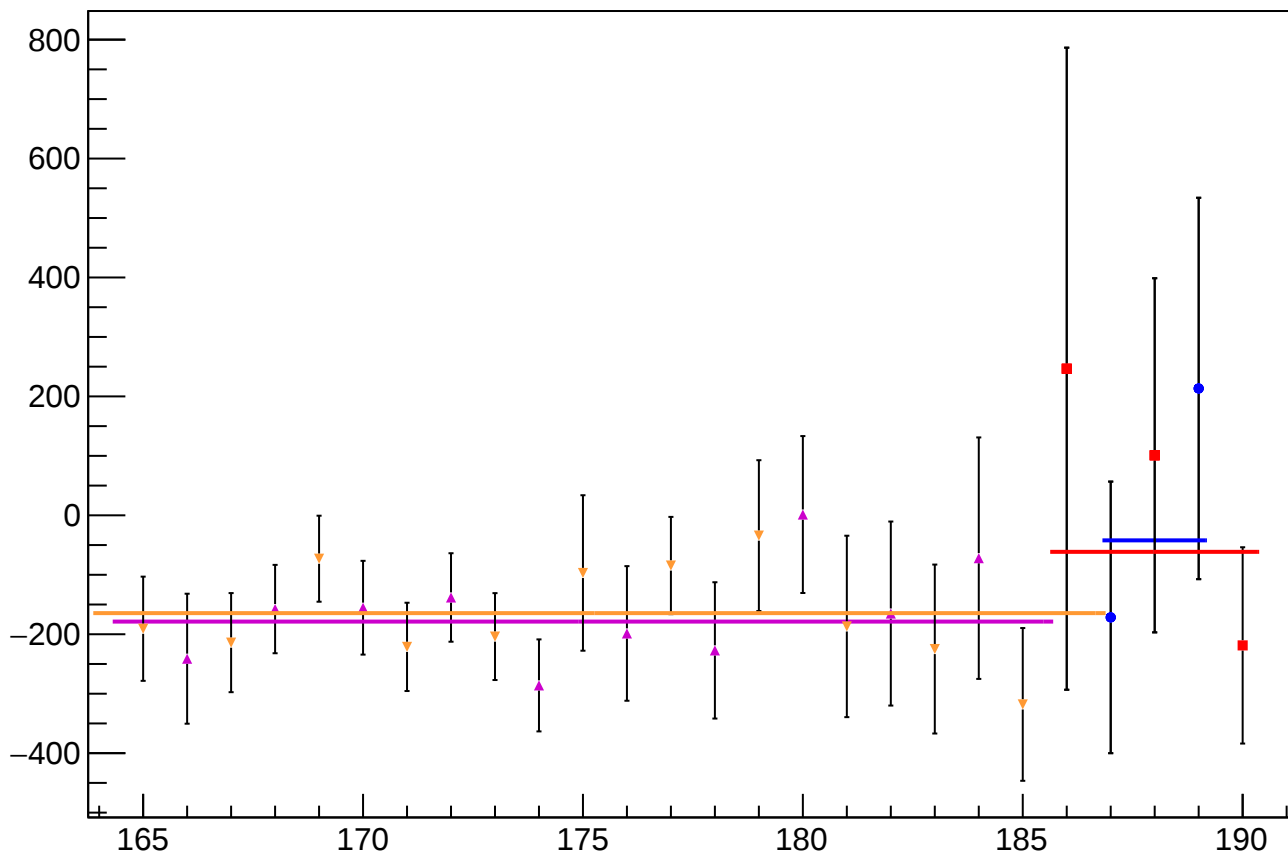
Right: 1272.483+/-0.504 χ^2/NDF : 89171.4/8

In: 292.932+/-0.075 χ^2/NDF : 1459935.4/13

Out: 297.402+/-0.072 χ^2/NDF : 2591100.8/15

All: 295.243+/-0.052 χ^2/NDF : 4052885.1/29

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -42.114 ± 131.547 $\chi^2/\text{NDF}: 1.9/3$

Left Out: -164.476 ± 28.199 $\chi^2/\text{NDF}: 6.8/10$

Right Out: -61.410 ± 122.986 $\chi^2/\text{NDF}: 2.2/4$

Left In: -178.722 ± 30.847 $\chi^2/\text{NDF}: 5.1/9$

Left: -170.961 ± 20.813 $\chi^2/\text{NDF}: 12.0/20$

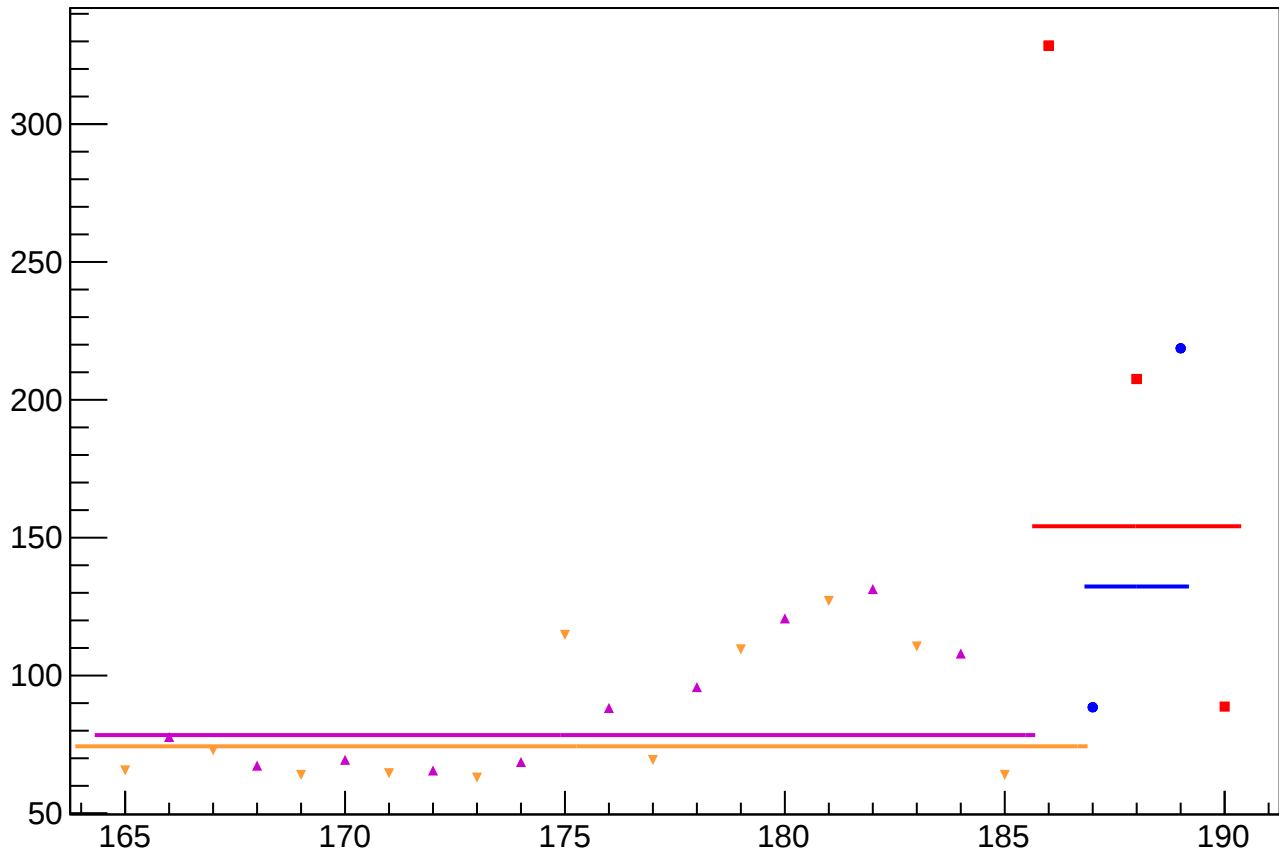
Right: -52.410 ± 89.839 $\chi^2/\text{NDF}: 4.1/8$

In: -171.602 ± 30.033 $\chi^2/\text{NDF}: 8.0/13$

Out: -159.328 ± 27.486 $\chi^2/\text{NDF}: 9.7/15$

All: -164.922 ± 20.276 $\chi^2/\text{NDF}: 17.8/29$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 132.296 $\pm$ 0.093 χ^2 /NDF: 437340.8/3

Left Out: 74.337 $\pm$ 0.020 χ^2 /NDF: 878482.5/10

Right Out: 154.147 $\pm$ 0.087 χ^2 /NDF: 859406.4/4

Left In: 78.413 $\pm$ 0.022 χ^2 /NDF: 705385.5/9

Left: 76.193 $\pm$ 0.015 χ^2 /NDF: 1602888.5/20

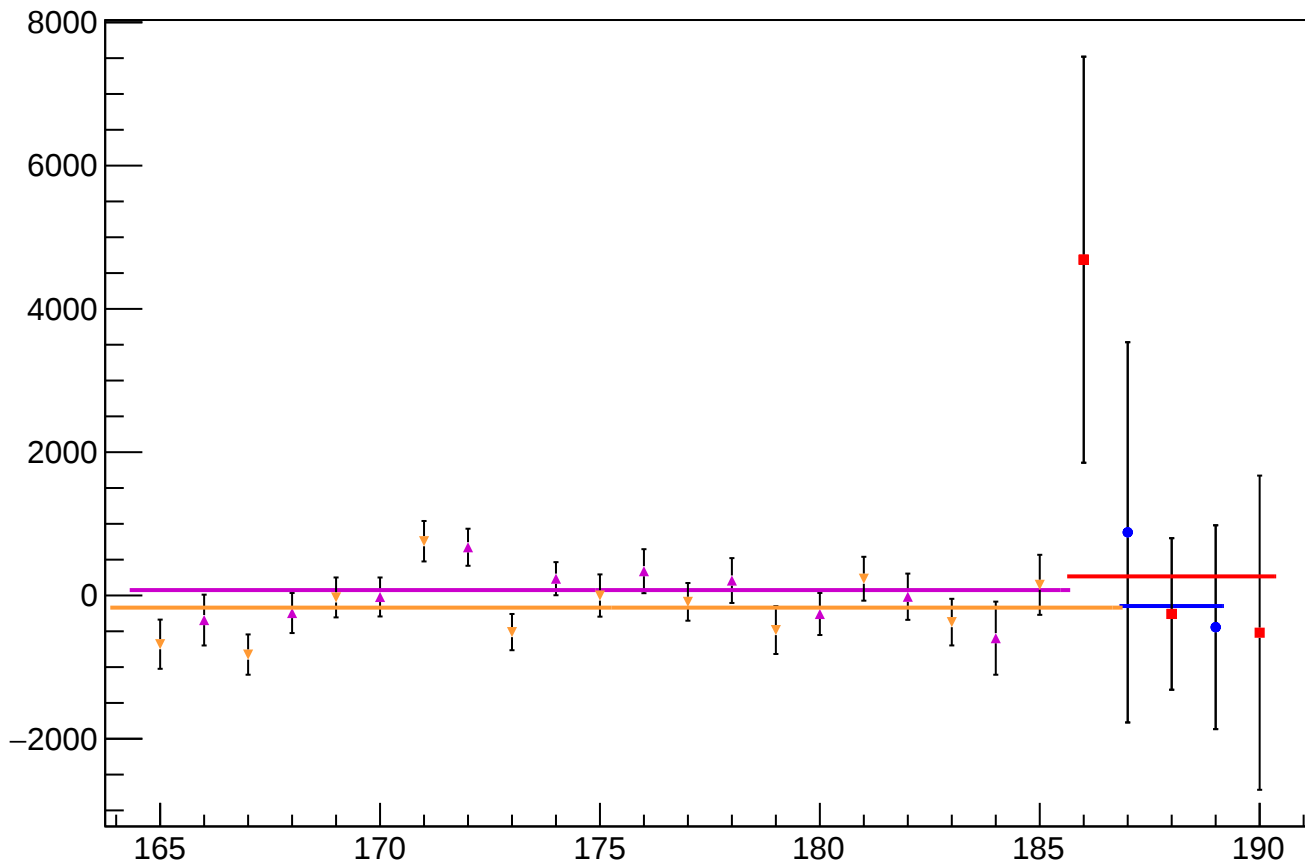
Right: 143.956 $\pm$ 0.064 χ^2 /NDF: 1326192.2/8

In: 81.222 $\pm$ 0.021 χ^2 /NDF: 1460801.6/13

Out: 78.323 $\pm$ 0.019 χ^2 /NDF: 2538052.5/15

All: 79.644 $\pm$ 0.014 χ^2 /NDF: 4008988.6/29

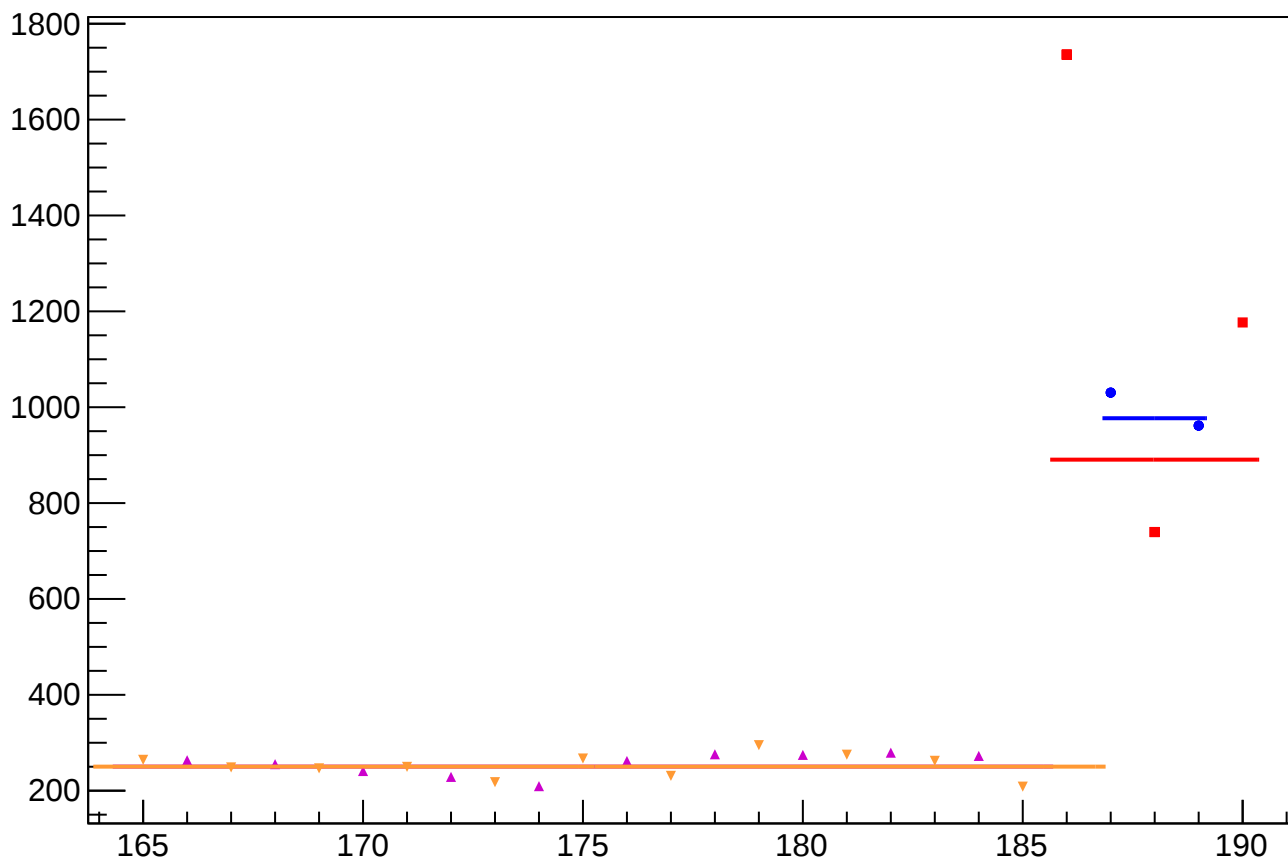
asym_sam8_correction_mean vs Slug, Sign Corrected



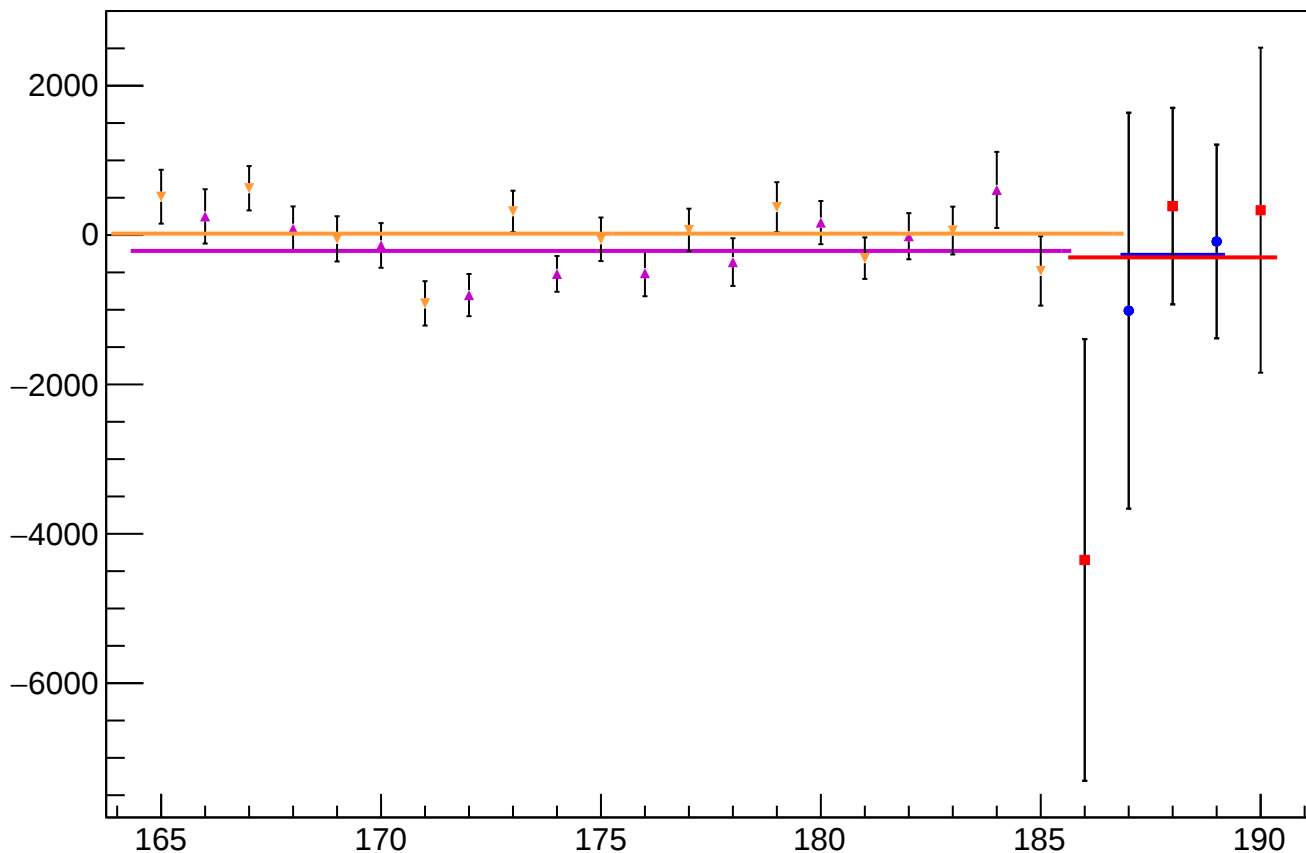
Right In: -147.288 $\pm$ 886.595 χ^2/NDF : 0.4/3
 Left Out: -169.633 $\pm$ 90.198 χ^2/NDF :24.5/10
 Right Out: 266.320 $\pm$ 667.464 χ^2/NDF : 5.5/4
 Left In: 75.300 $\pm$ 93.744 χ^2/NDF :12.7/9

Left: -51.887 $\pm$ 64.997 χ^2/NDF : 40.7/20
 Right: 116.700 $\pm$ 533.244 χ^2/NDF : 6.0/8
 In: 72.839 $\pm$ 93.225 χ^2/NDF :13.1/13
 Out: -161.814 $\pm$ 89.386 χ^2/NDF :30.4/15
 All: -49.419 $\pm$ 64.520 χ^2/NDF : 46.8/29

asym_sam8_correction_rms vs Slug, Sign Corrected



asym_sam8_mean vs Slug, Sign Corrected



Right In: -264.591 ± 823.548 $\chi^2/\text{NDF}: 0.2/3$

Left Out: 19.448 ± 93.339 $\chi^2/\text{NDF}: 21.0/10$

Right Out: -298.607 ± 791.745 $\chi^2/\text{NDF}: 4.4/4$

Left In: -211.932 ± 96.919 $\chi^2/\text{NDF}: 14.5/9$

Left: -91.889 ± 67.230 $\chi^2/\text{NDF}: 38.5/20$

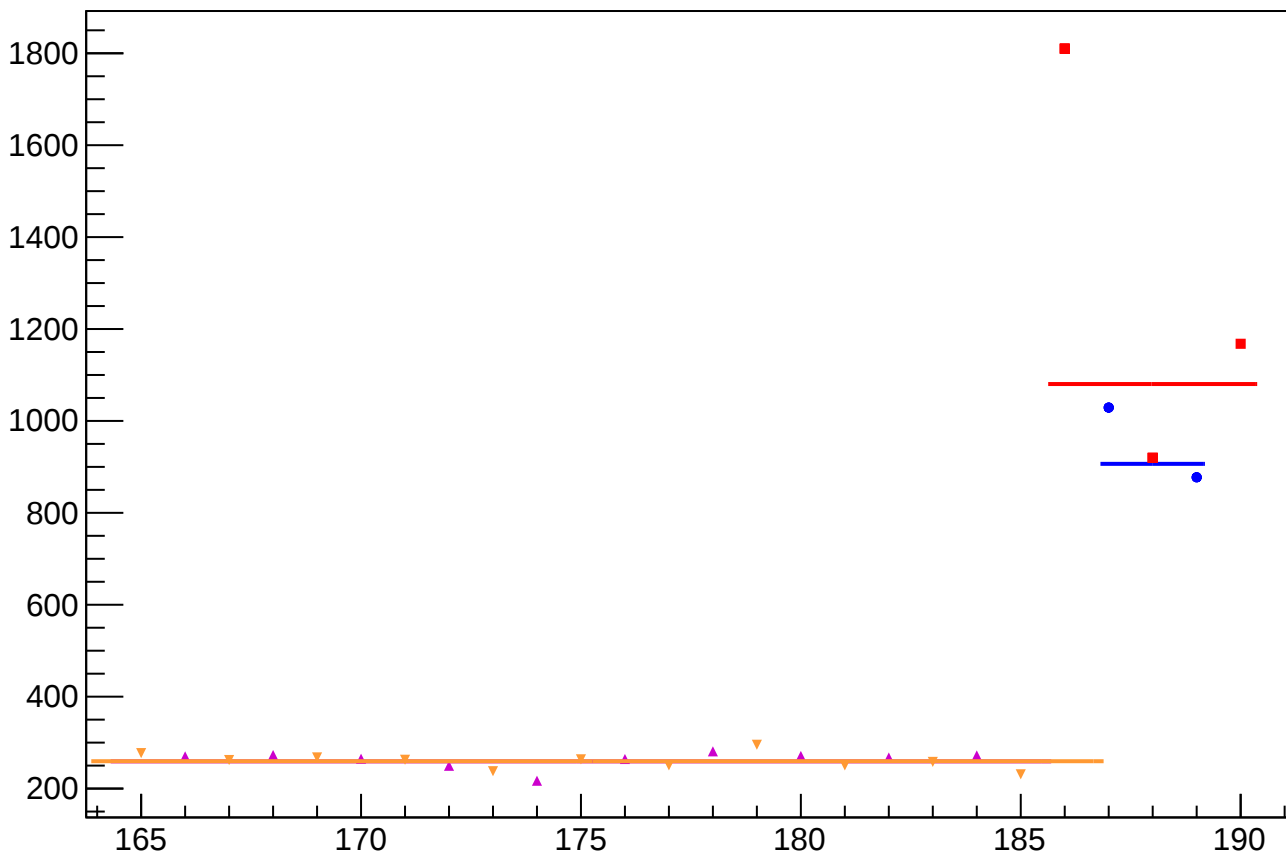
Right: -282.268 ± 570.760 $\chi^2/\text{NDF}: 4.6/8$

In: -212.651 ± 96.255 $\chi^2/\text{NDF}: 14.7/13$

Out: 15.088 ± 92.697 $\chi^2/\text{NDF}: 25.5/15$

All: -94.494 ± 66.769 $\chi^2/\text{NDF}: 43.2/29$

asym_sam8_rms vs Slug, Sign Corrected



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

Left: 259.347 $\pm$ 0.048 χ^2/NDF : 141359.6/20

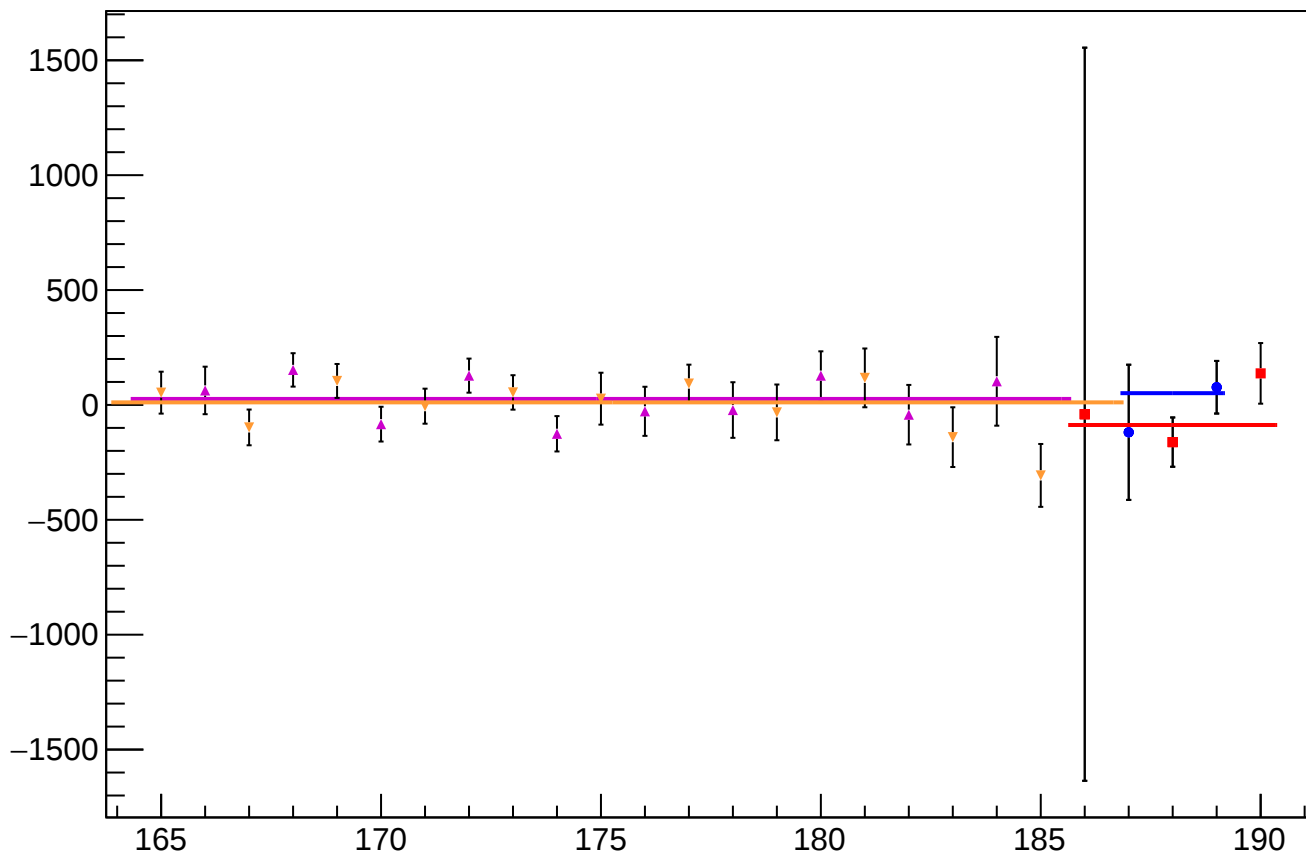
Right: 996.861 $\pm$ 0.404 χ^2/NDF : 363293.7/8

In: 267.999 $\pm$ 0.068 χ^2/NDF : 1316907.6/13

Out: 270.776 $\pm$ 0.066 χ^2/NDF : 2480547.0/15

All: 269.439 $\pm$ 0.047 χ^2/NDF : 3798318.5/29

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.198 $\pm$ 75.450 χ^2/NDF : 0.8/3

Left Out: 11.130 $\pm$ 27.875 χ^2/NDF :12.7/10

Right Out: -87.330 $\pm$ 65.658 χ^2/NDF : 3.9/4

Left In: 26.080 $\pm$ 29.623 χ^2/NDF :12.8/9

Left: 18.151 $\pm$ 20.301 χ^2/NDF : 25.7/20

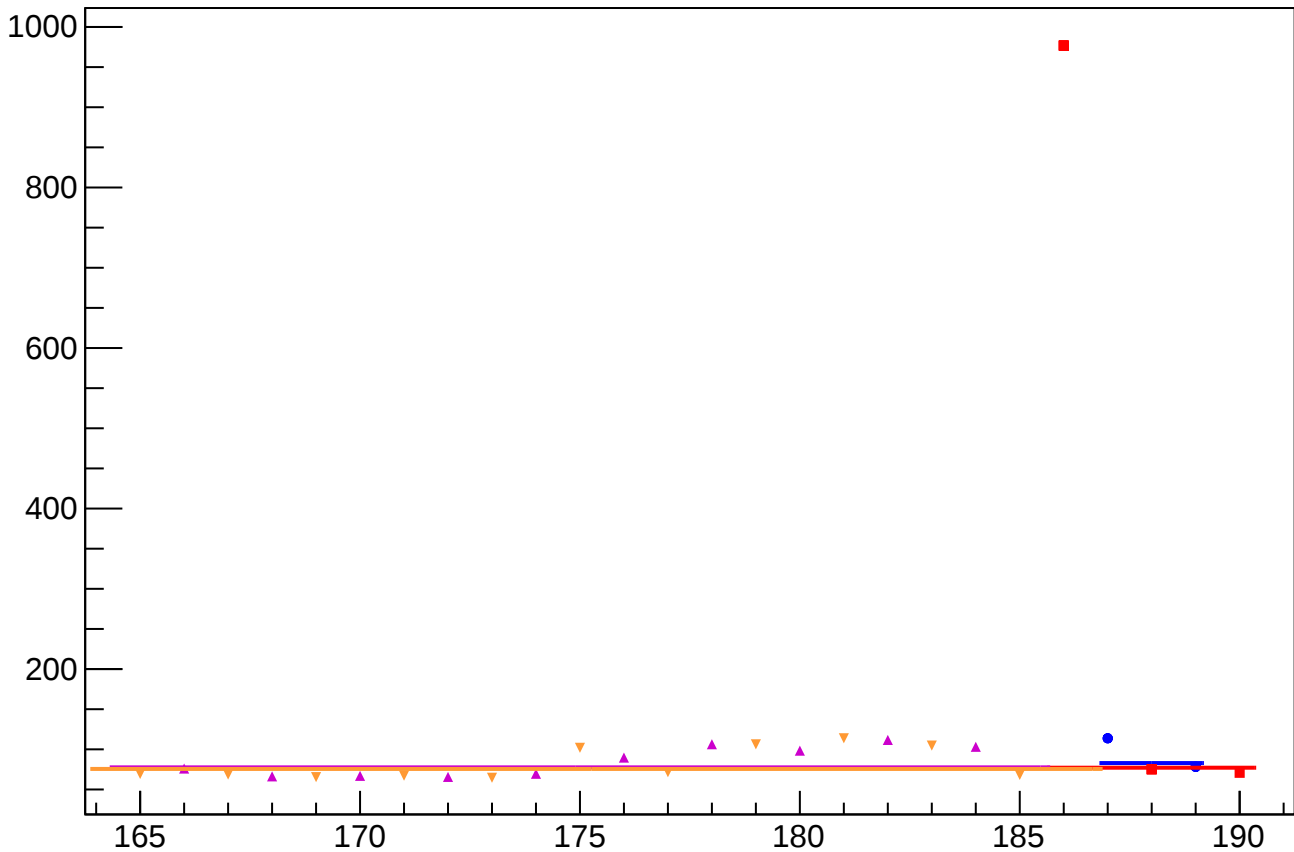
Right: -27.634 $\pm$ 49.530 χ^2/NDF : 6.6/8

In: 29.435 $\pm$ 27.574 χ^2/NDF :13.6/13

Out: -3.907 $\pm$ 25.659 χ^2/NDF :18.5/15

All: 11.566 $\pm$ 18.784 χ^2/NDF : 32.9/29

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left: 76.513 $\pm$ 0.014 χ^2 /NDF: 1212479.5/20

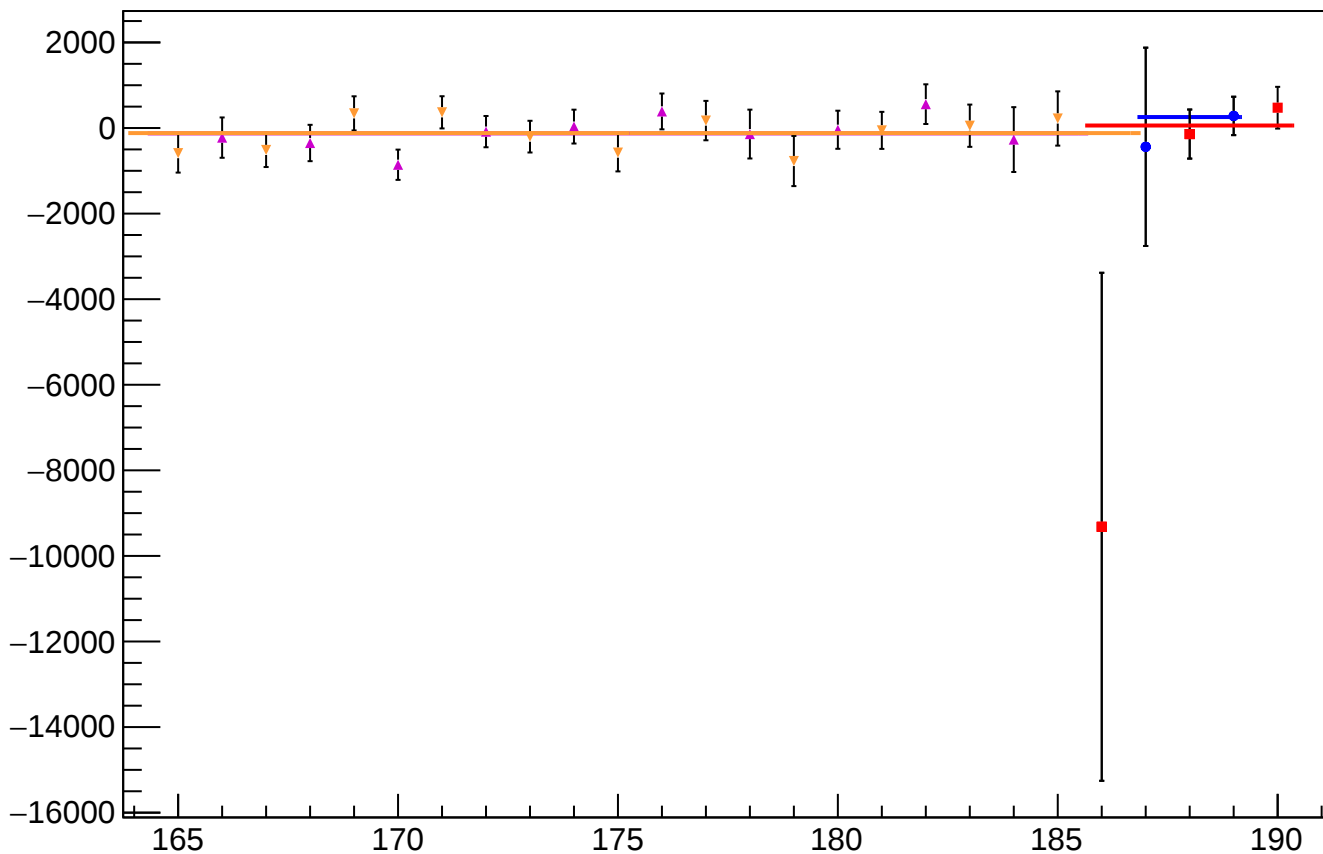
Right: 79.612 $\pm$ 0.035 χ^2 /NDF: 1335307.2/8

In: 78.266 $\pm$ 0.019 χ^2 /NDF: 610211.5/13

Out: 75.827 $\pm$ 0.018 χ^2 /NDF: 1935894.4/15

All: 76.959 $\pm$ 0.013 χ^2 /NDF: 2554489.1/29

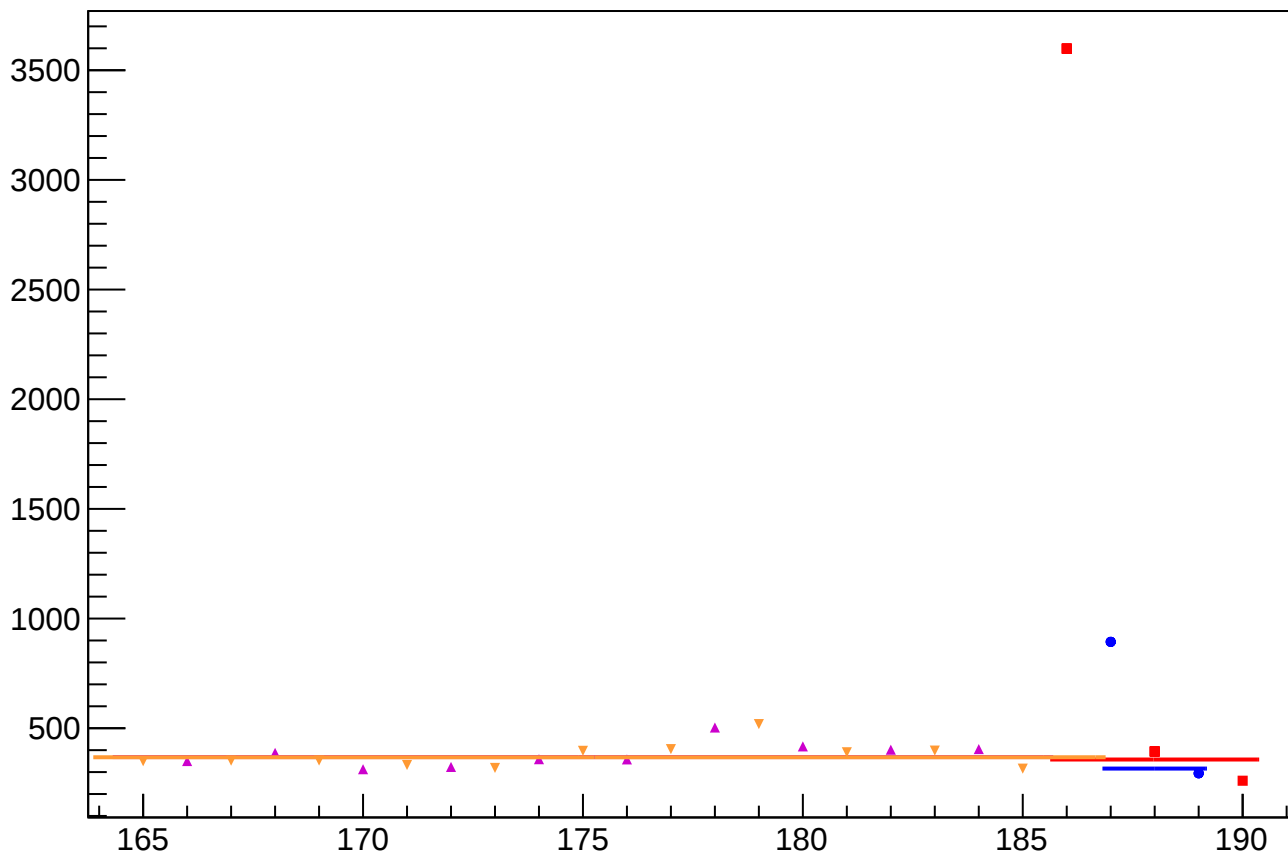
asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 256.487+/-311.474 χ^2/NDF : 0.2/3
 Left Out: -118.590+/-133.037 χ^2/NDF :8.2/10
 Right Out: 58.680+/-311.001 χ^2/NDF : 6.0/4
 Left In: -125.319+/-138.496 χ^2/NDF :8.5/9

Left: -121.819+/-95.943 χ^2/NDF : 16.8/20
 Right: 157.434+/-220.078 χ^2/NDF : 6.4/8
 In: -62.293+/-126.549 χ^2/NDF :10.0/13
 Out: -91.170+/-122.316 χ^2/NDF :14.5/15
 All: -77.222+/-87.949 χ^2/NDF : 24.5/29

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 316.012+/-0.220 χ^2/NDF : 258049.8/3

Left Out: 367.590+/-0.094 χ^2/NDF : 242504.8/10

Right Out: 357.315+/-0.220 χ^2/NDF : 1287435.4/4

Left In: 368.526+/-0.098 χ^2/NDF : 239333.6/9

Left: 368.039+/-0.068 χ^2/NDF : 481886.0/20

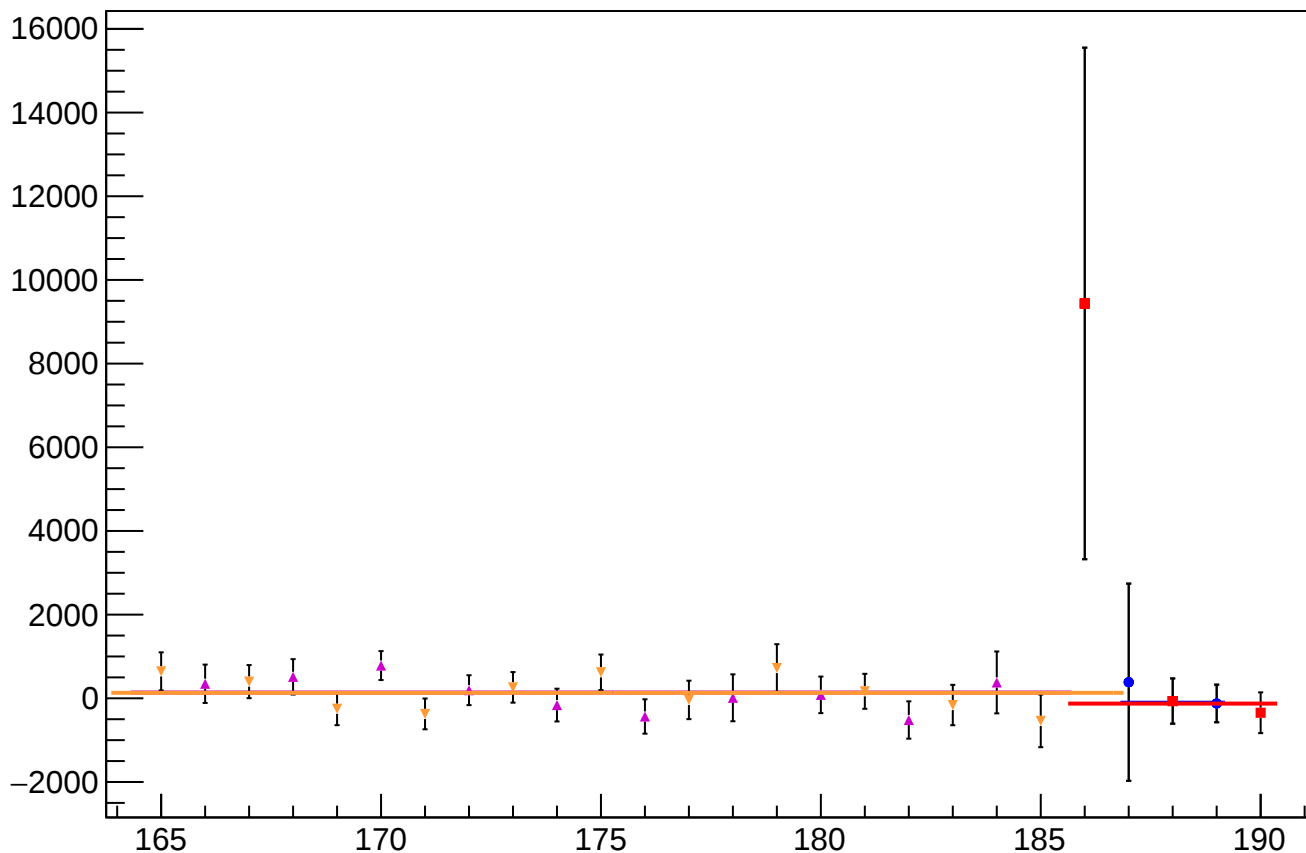
Right: 336.695+/-0.156 χ^2/NDF : 1563096.0/8

In: 359.858+/-0.089 χ^2/NDF : 544849.8/13

Out: 366.000+/-0.086 χ^2/NDF : 1531785.4/15

All: 363.033+/-0.062 χ^2/NDF : 2079071.6/29

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left: 134.537+/-94.172 χ^2/NDF : 18.1/20

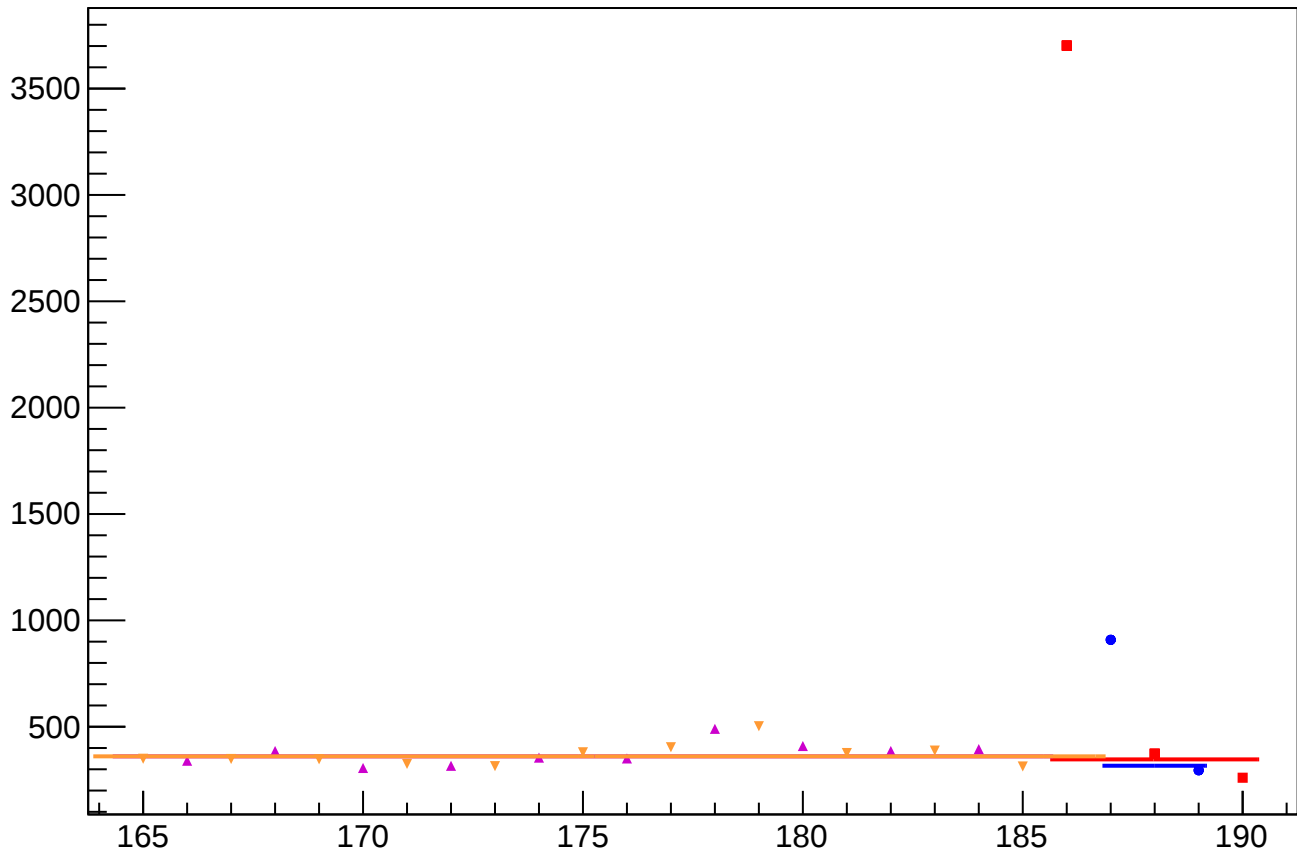
Right: -116.068+/-216.386 χ^2/NDF : 5.2/8

In: 99.659+/-124.515 χ^2/NDF : 10.0/13

Out: 89.972+/-119.850 χ^2/NDF : 14.5/15

All: 94.631+/-86.349 χ^2/NDF : 24.4/29

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left: 360.791 $\pm$ 0.067 χ^2 /NDF: 457445.6/20

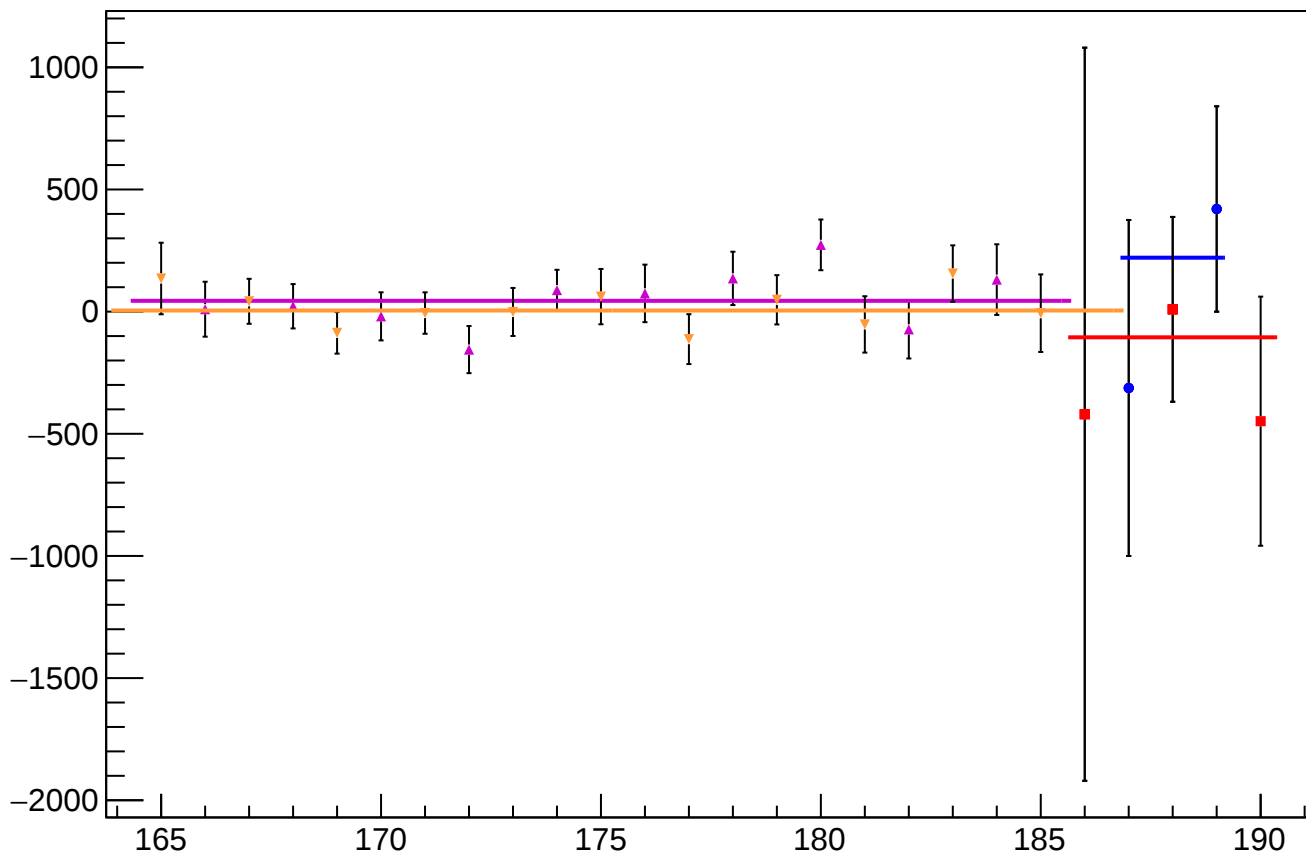
Right: 332.202 $\pm$ 0.153 χ^2 /NDF: 1548614.8/8

In: 353.758 $\pm$ 0.088 χ^2 /NDF: 530568.0/13

Out: 358.538 $\pm$ 0.085 χ^2 /NDF: 1503315.6/15

All: 356.239 $\pm$ 0.061 χ^2 /NDF: 2035413.6/29

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 220.849 $\pm$ 253.642 χ^2 /NDF: 1.7/3

Left Out: 4.633 $\pm$ 31.512 χ^2 /NDF: 5.9/10

Right Out: -105.153 $\pm$ 231.195 χ^2 /NDF: 0.7/4

Left In: 44.278 $\pm$ 32.914 χ^2 /NDF: 12.1/9

Left: 23.593 $\pm$ 22.762 χ^2 /NDF: 18.7/20

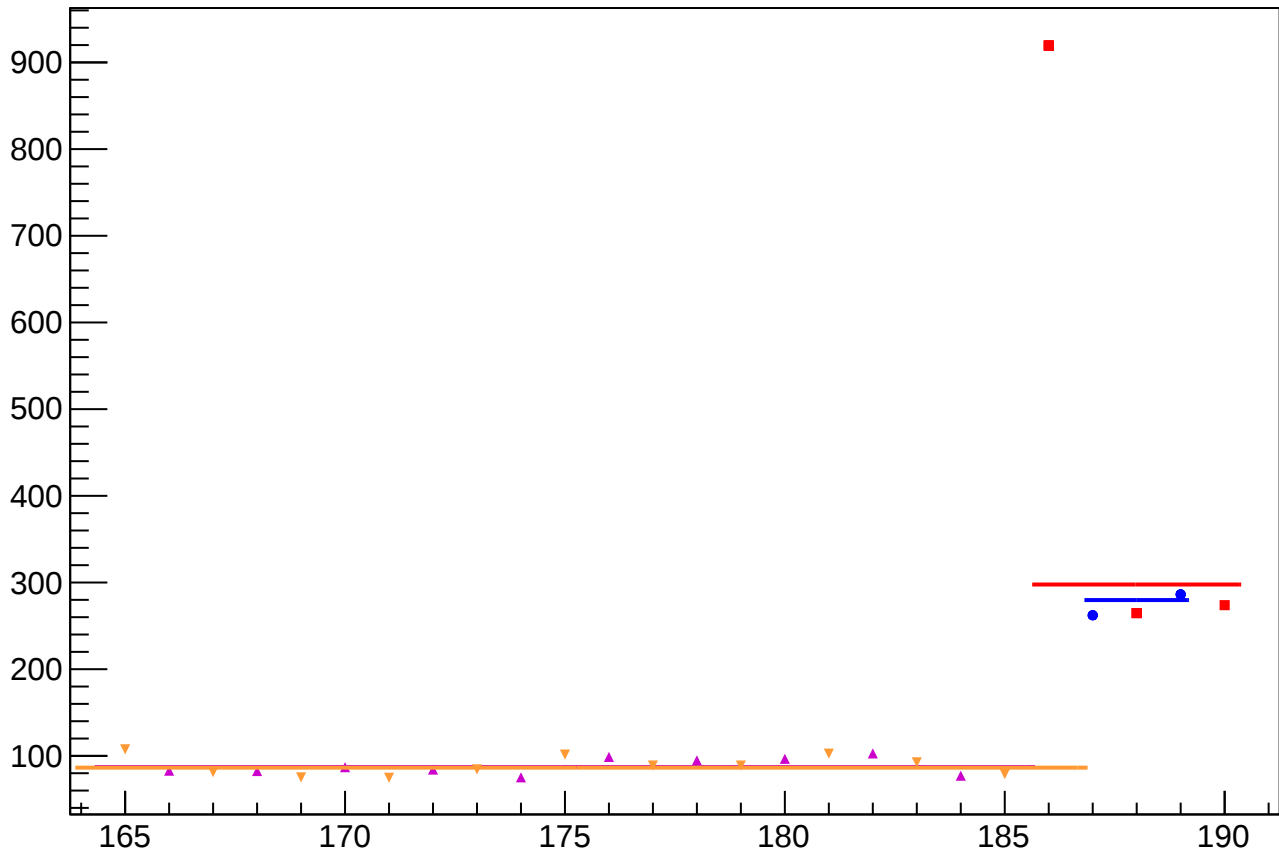
Right: 42.787 $\pm$ 170.865 χ^2 /NDF: 3.3/8

In: 47.202 $\pm$ 32.640 χ^2 /NDF: 14.2/13

Out: 2.631 $\pm$ 31.223 χ^2 /NDF: 6.8/15

All: 23.928 $\pm$ 22.562 χ^2 /NDF: 22.0/29

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 279.757+/-0.179 χ^2/NDF : 3575.0/3

Left Out: 86.447+/-0.022 χ^2/NDF : 208417.6/10

Right Out: 297.696+/-0.163 χ^2/NDF : 721514.0/4

Left In: 87.195+/-0.023 χ^2/NDF : 141138.3/9

Left: 86.805+/-0.016 χ^2/NDF : 350095.0/20

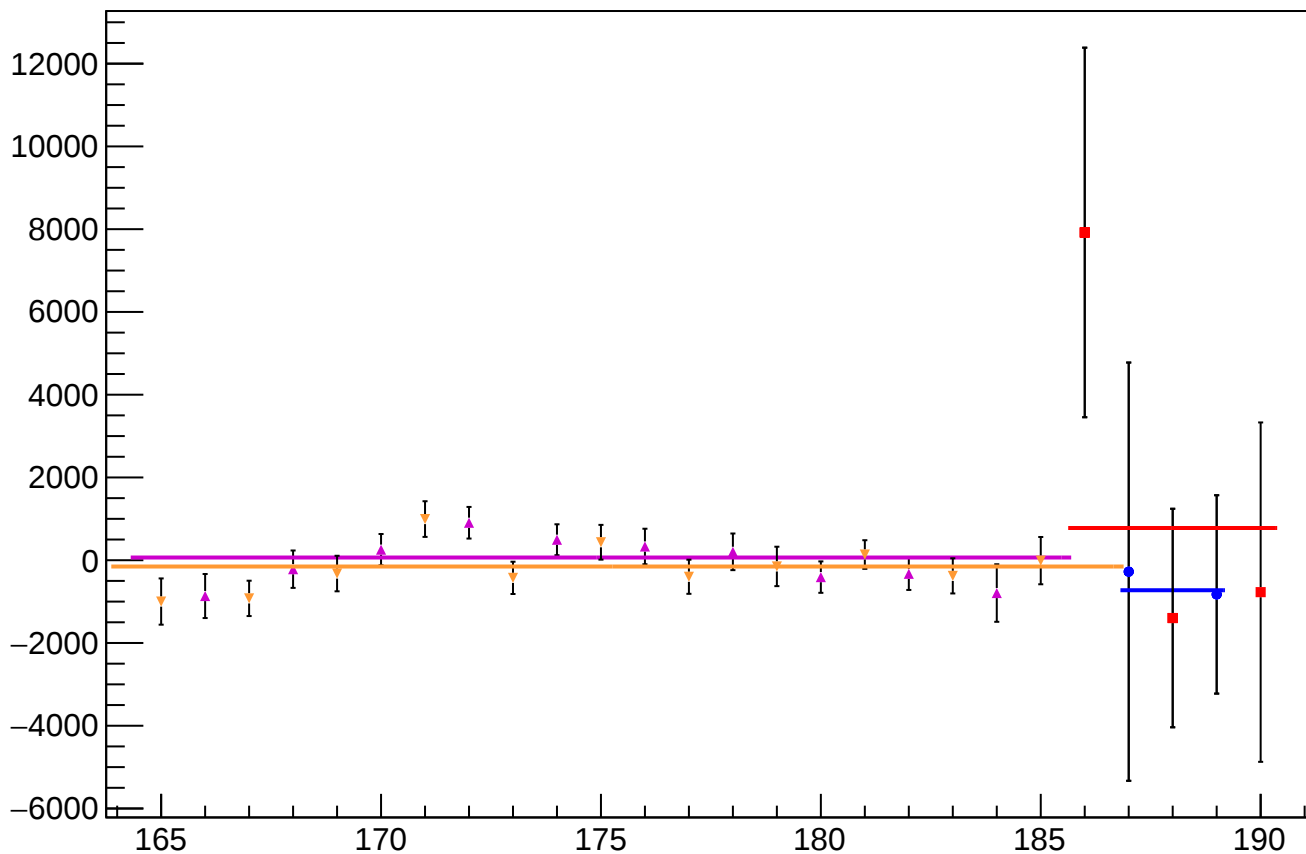
Right: 289.555+/-0.121 χ^2/NDF : 730553.3/8

In: 90.384+/-0.023 χ^2/NDF : 1278353.4/13

Out: 90.300+/-0.022 χ^2/NDF : 2569268.3/15

All: 90.340+/-0.016 χ^2/NDF : 3847628.6/29

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -725.500+/-1531.435 χ^2/NDF : 0.0/3

Left Out: -152.321+/-130.176 χ^2/NDF :16.6/10

Right Out: 778.601+/-1496.362 χ^2/NDF : 6.6/4

Left In: 65.215+/-134.198 χ^2/NDF :14.4/9

Left: -46.862+/-93.438 χ^2/NDF : 32.4/20

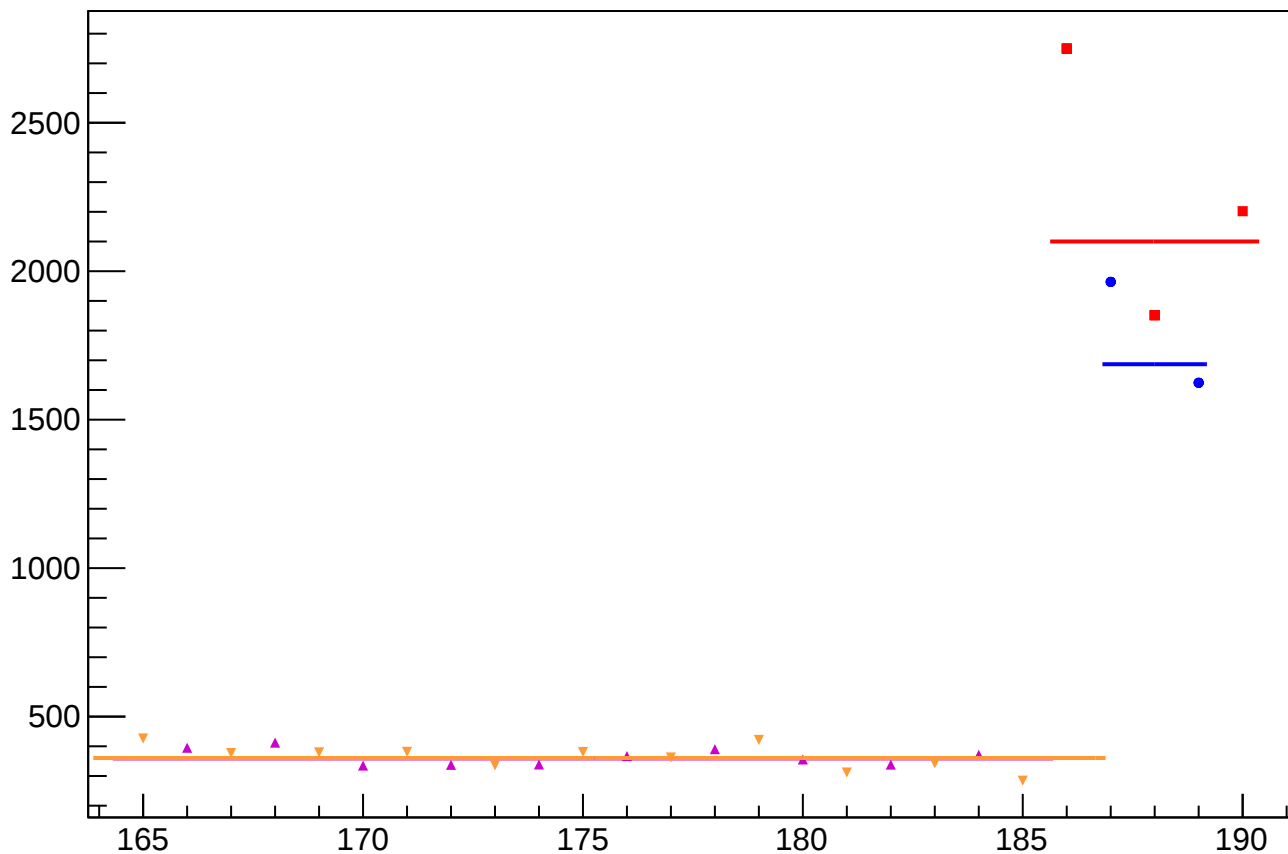
Right: 43.971+/-1070.272 χ^2/NDF : 7.1/8

In: 59.190+/-133.686 χ^2/NDF :14.7/13

Out: -145.329+/-129.686 χ^2/NDF :23.6/15

All: -46.175+/-93.084 χ^2/NDF : 39.6/29

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left: 359.866+/-0.066 χ^2/NDF : 238422.3/20

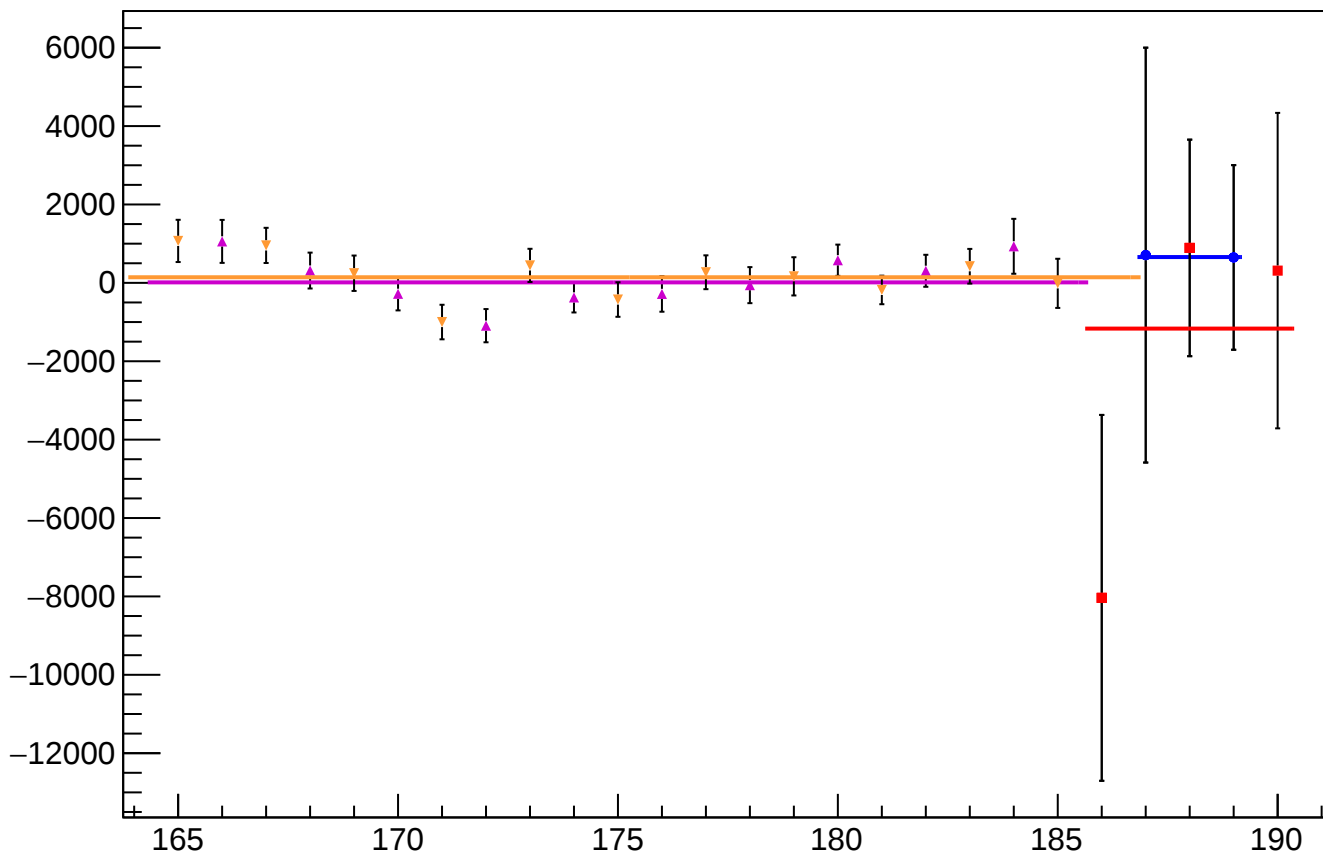
Right: 1898.190+/-0.757 χ^2/NDF : 210548.1/8

In: 369.200+/-0.095 χ^2/NDF :1580751.5/13

Out: 373.668+/-0.092 χ^2/NDF :2967592.4/15

All: 371.502+/-0.066 χ^2/NDF : 4549494.6/29

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left: 80.181+/-98.112 χ^2/NDF : 34.0/20

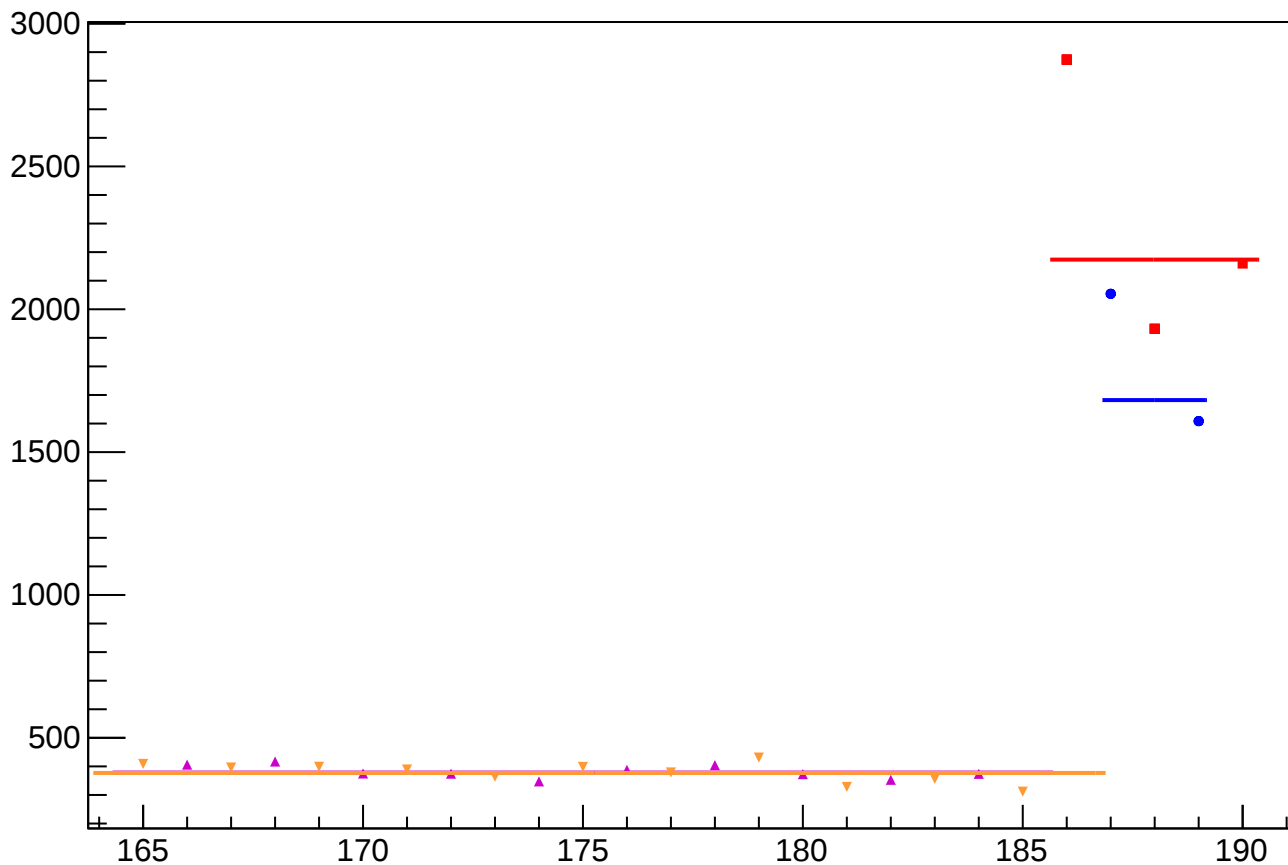
Right: -236.634+/-1086.193 χ^2/NDF : 6.3/8

In: 17.866+/-140.913 χ^2/NDF :17.2/13

Out: 132.962+/-135.616 χ^2/NDF :22.8/15

All: 77.617+/-97.714 χ^2/NDF : 40.4/29

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 377.725 $\pm$ 0.069 χ^2/NDF : 158037.0/20

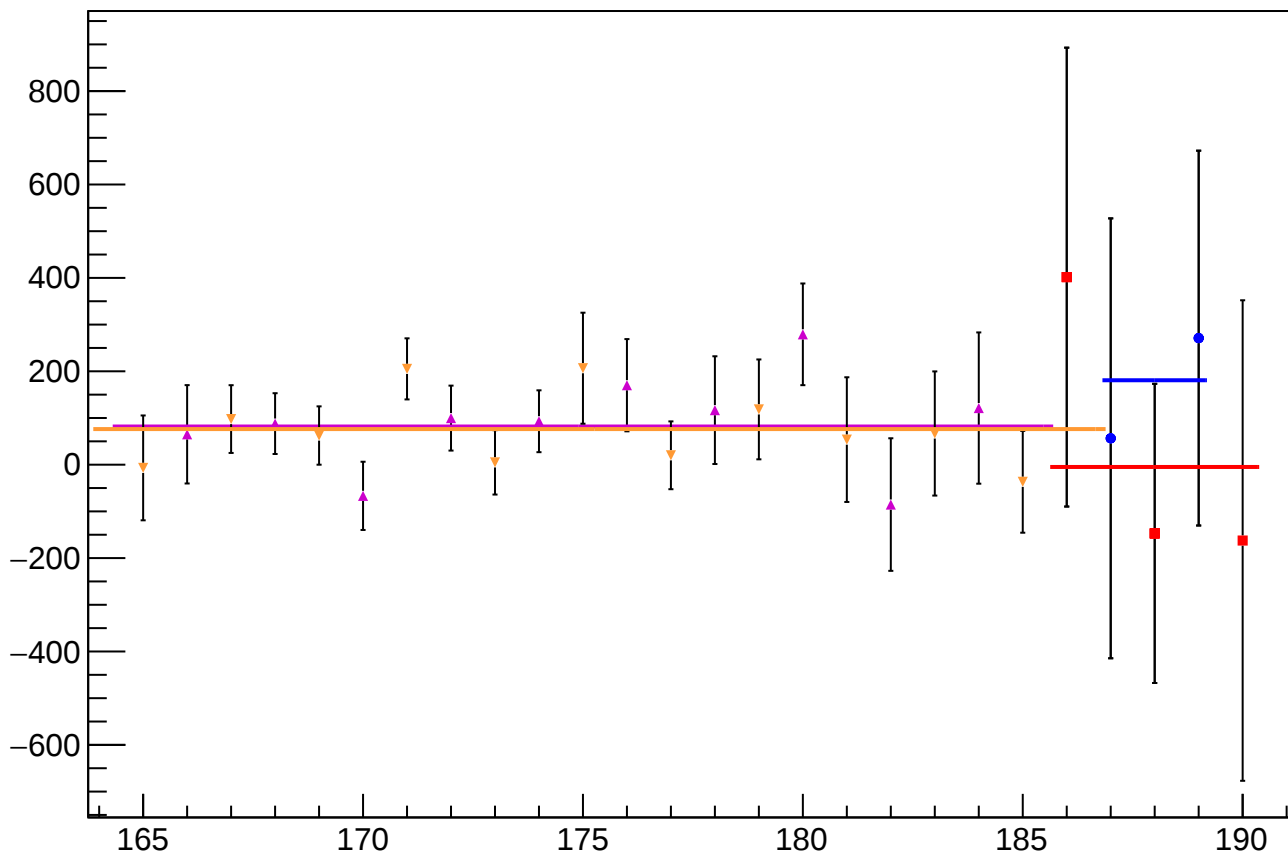
Right: 1923.224 $\pm$ 0.768 χ^2/NDF : 246785.2/8

In: 389.630 $\pm$ 0.100 χ^2/NDF : 1527487.2/13

Out: 390.790 $\pm$ 0.096 χ^2/NDF : 2893546.4/15

All: 390.233 $\pm$ 0.069 χ^2/NDF : 4421104.0/29

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 180.806 ± 216.003 $\chi^2/\text{NDF}: 0.2/3$

Left Out: 76.265 ± 25.693 $\chi^2/\text{NDF}: 8.7/10$

Right Out: -4.878 ± 178.015 $\chi^2/\text{NDF}: 1.9/4$

Left In: 81.755 ± 27.755 $\chi^2/\text{NDF}: 9.9/9$

Left: 78.799 ± 18.855 $\chi^2/\text{NDF}: 18.6/20$

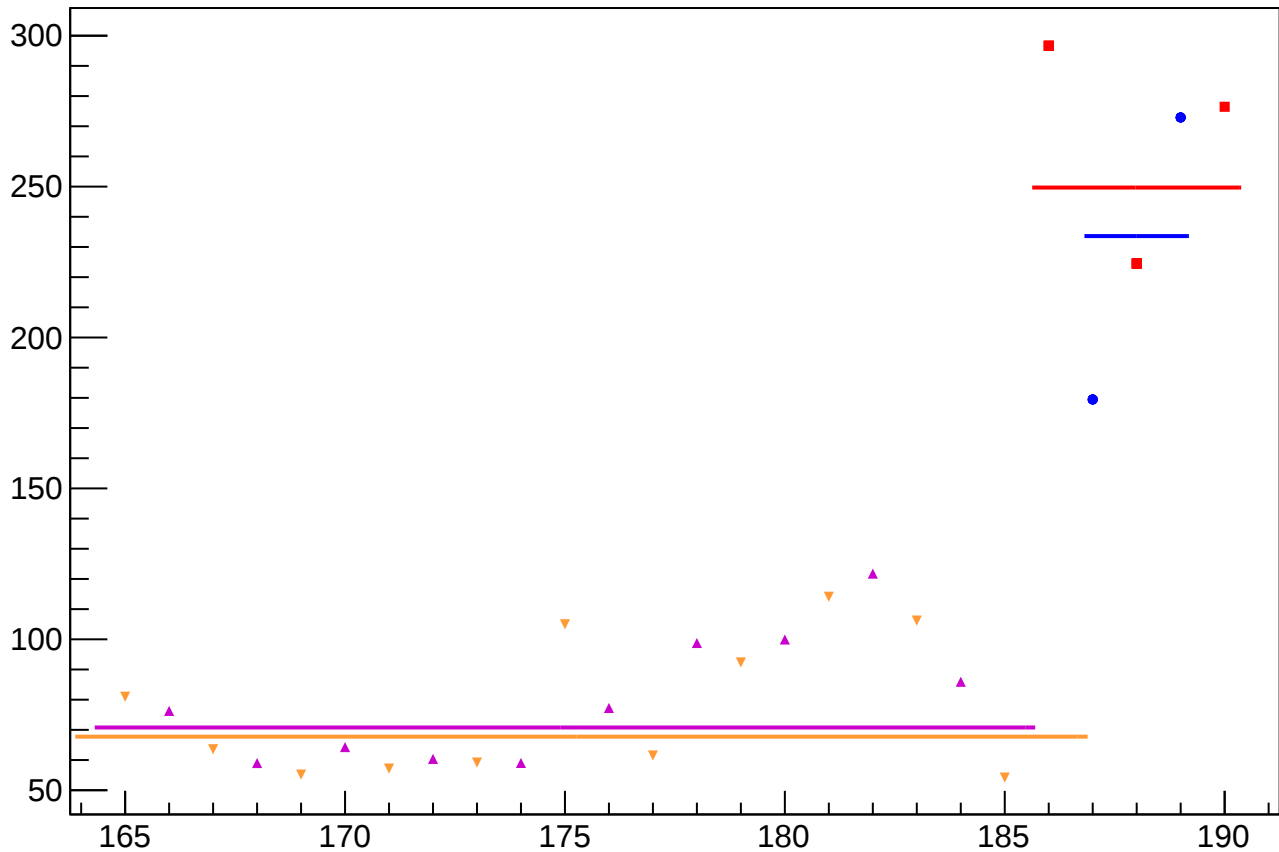
Right: 70.227 ± 137.374 $\chi^2/\text{NDF}: 2.5/8$

In: 83.364 ± 27.529 $\chi^2/\text{NDF}: 10.3/13$

Out: 74.609 ± 25.430 $\chi^2/\text{NDF}: 10.8/15$

All: 78.640 ± 18.680 $\chi^2/\text{NDF}: 21.2/29$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left: 69.148 $\pm$ 0.013 χ^2 /NDF: 1707601.0/20

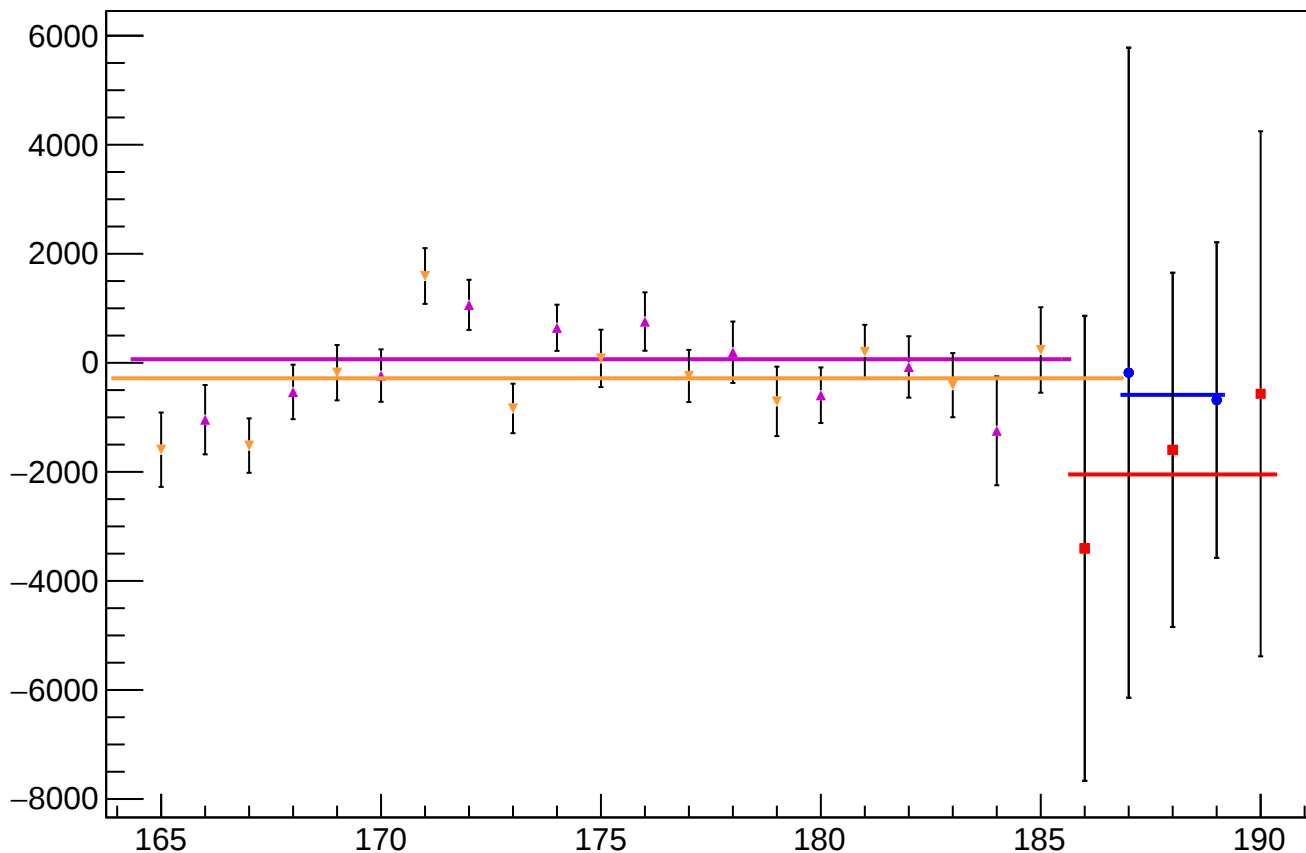
Right: 243.184 $\pm$ 0.097 χ^2 /NDF: 164507.0/8

In: 73.432 $\pm$ 0.019 χ^2 /NDF: 1948964.3/13

Out: 71.456 $\pm$ 0.018 χ^2 /NDF: 3068155.6/15

All: 72.366 $\pm$ 0.013 χ^2 /NDF: 5022678.7/29

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left: -113.294+/-116.681 χ^2/NDF : 46.0/20

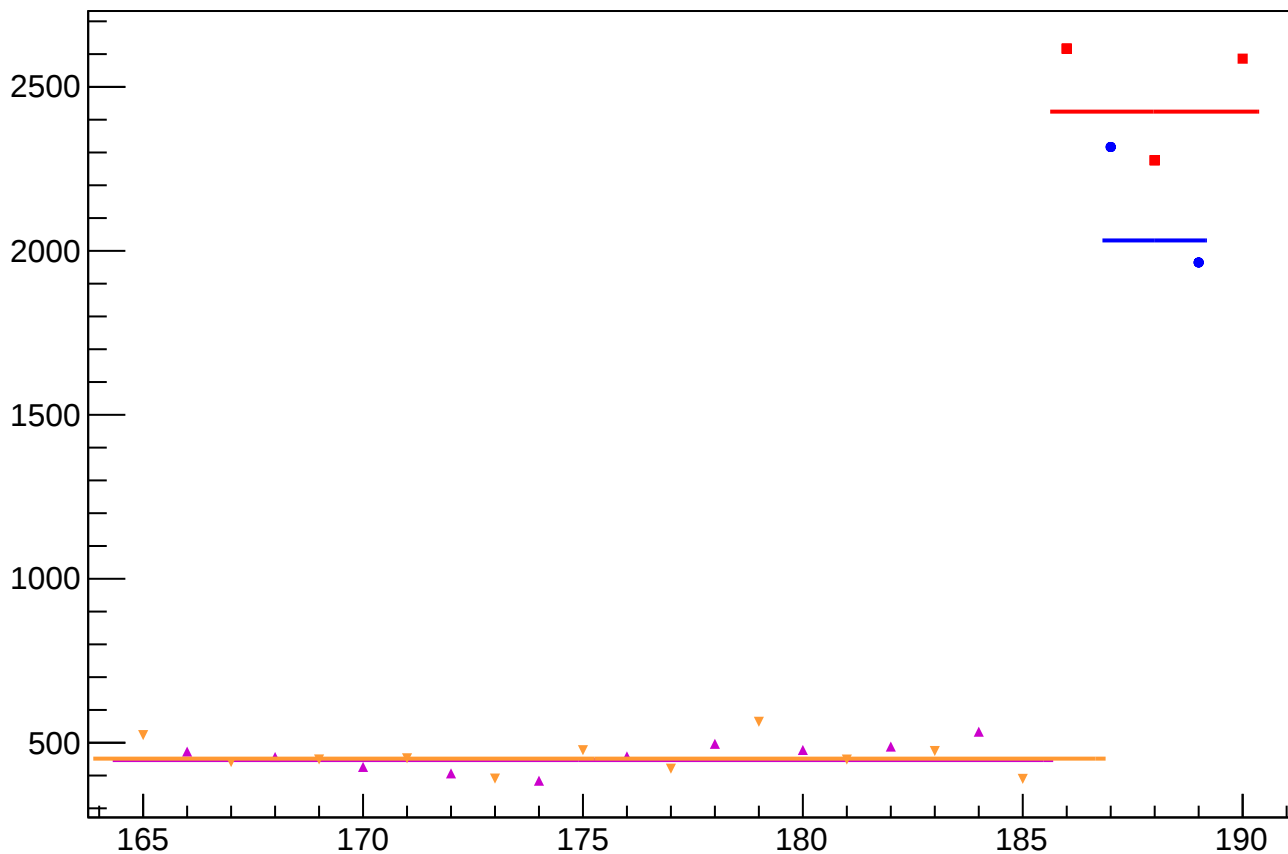
Right: -1371.440+/-1252.270 χ^2/NDF : 0.7/8

In: 60.824+/-166.599 χ^2/NDF : 16.7/13

Out: -299.206+/-162.096 χ^2/NDF : 28.5/15

All: -124.122+/-116.178 χ^2/NDF : 47.7/29

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left: 449.405+/-0.083 χ^2/NDF : 267360.7/20

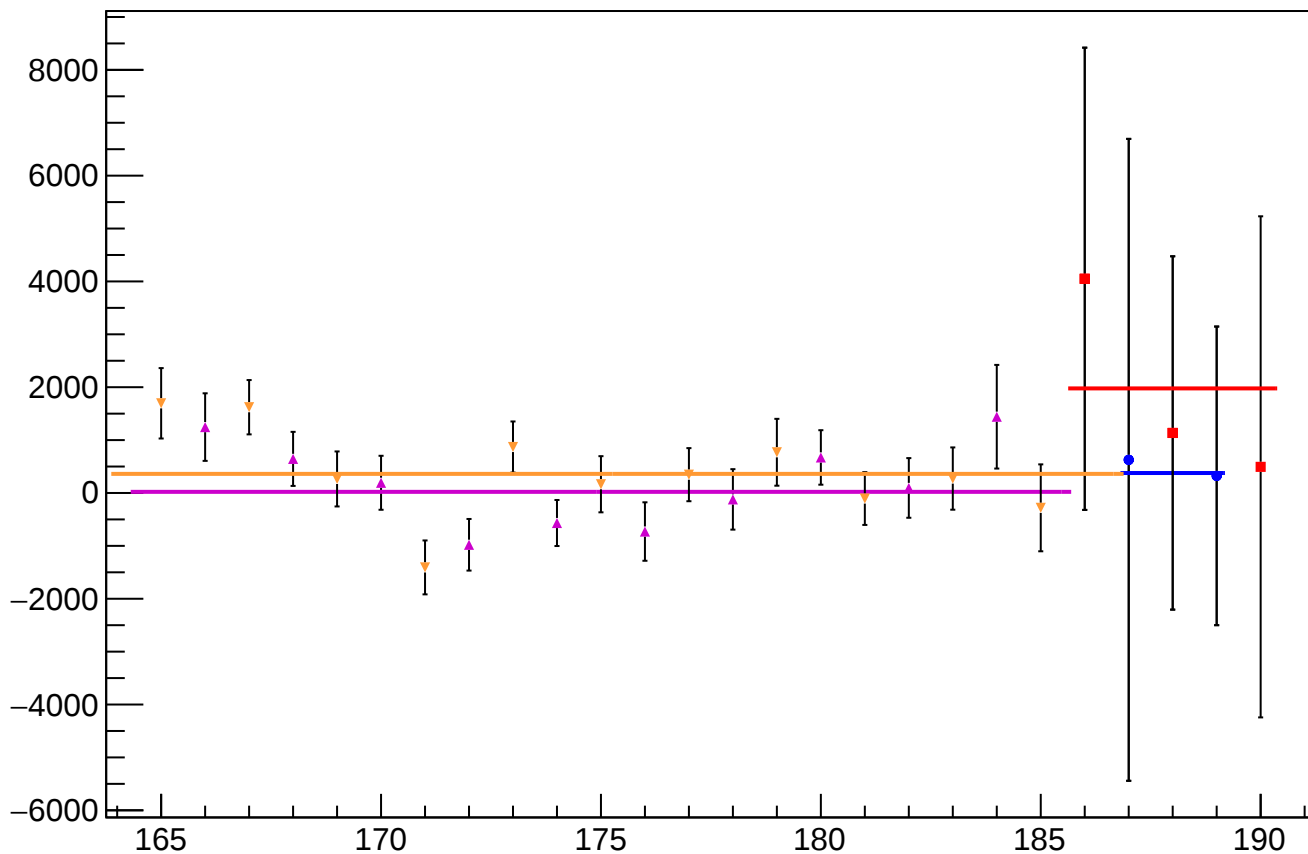
Right: 2242.816+/-0.885 χ^2/NDF : 78916.6/8

In: 460.129+/-0.118 χ^2/NDF : 1598032.8/13

Out: 469.301+/-0.115 χ^2/NDF : 2811807.0/15

All: 464.841+/-0.082 χ^2/NDF : 4412953.3/29

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 377.408+/-1810.144 χ^2/NDF : 0.0/3

Left Out: 361.126+/-166.006 χ^2/NDF : 25.3/10

Right Out: 1977.160+/-1744.658 χ^2/NDF : 0.7/4

Left In: 21.377+/-171.793 χ^2/NDF : 16.9/9

Left: 197.071+/-119.378 χ^2/NDF : 44.2/20

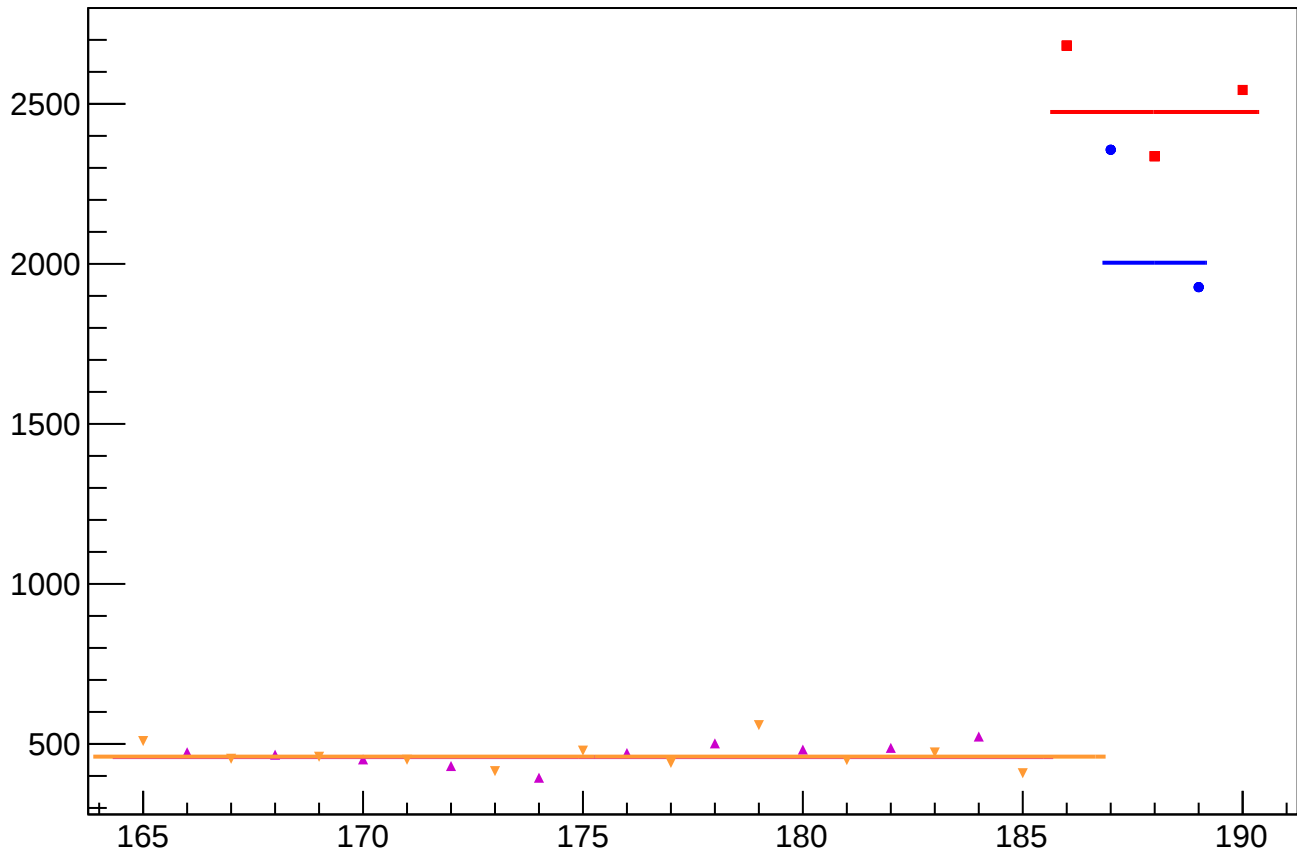
Right: 1206.745+/-1256.173 χ^2/NDF : 1.1/8

In: 24.556+/-171.025 χ^2/NDF : 17.0/13

Out: 375.626+/-165.260 χ^2/NDF : 26.8/15

All: 206.108+/-118.842 χ^2/NDF : 46.0/29

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2003.685 $\pm$ 1.280 χ^2/NDF : 16467.9/3

Left Out: 460.365 $\pm$ 0.117 χ^2/NDF : 93362.8/10

Right Out: 2474.692 $\pm$ 1.234 χ^2/NDF : 16263.9/4

Left In: 458.953 $\pm$ 0.121 χ^2/NDF : 82610.6/9

Left: 459.683 $\pm$ 0.084 χ^2/NDF : 176043.4/20

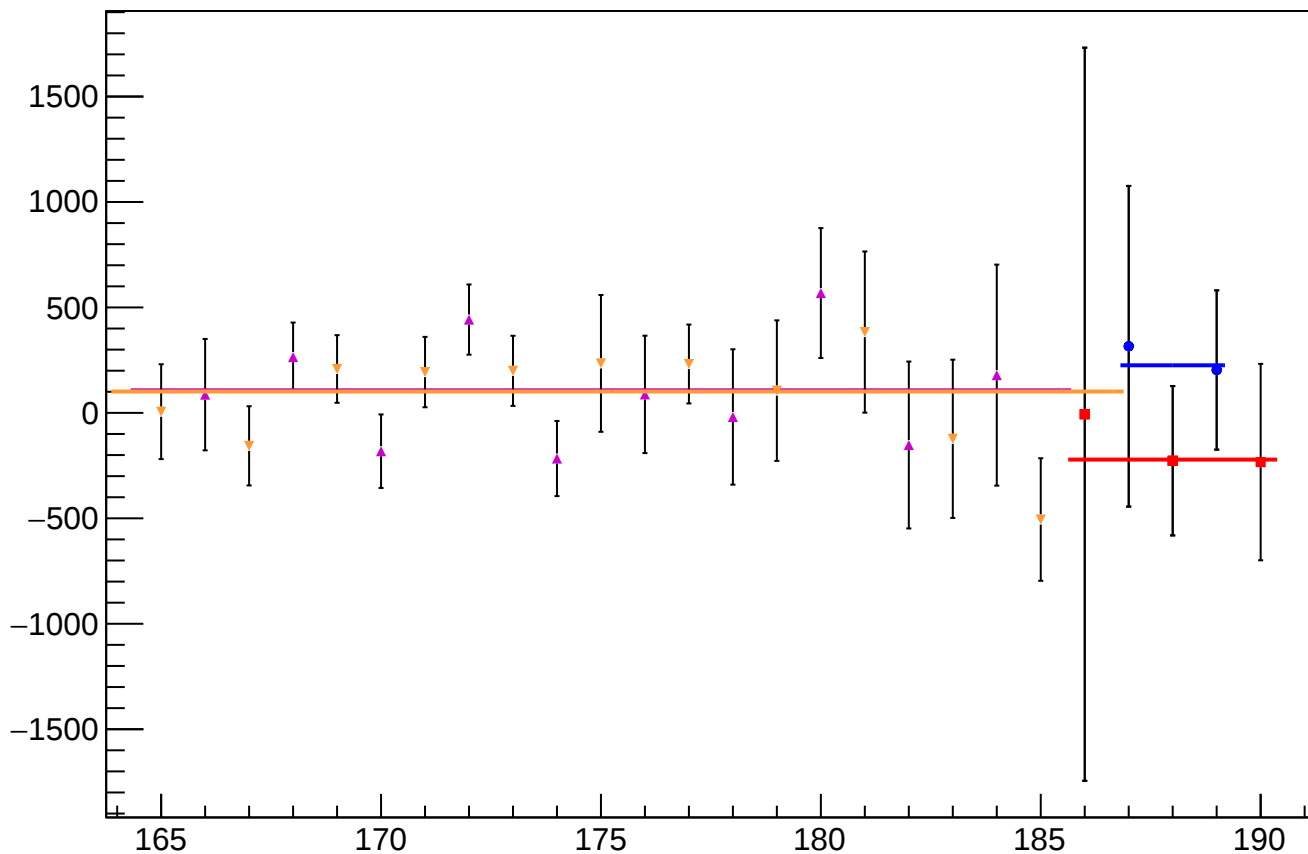
Right: 2247.863 $\pm$ 0.888 χ^2/NDF : 102931.7/8

In: 472.742 $\pm$ 0.121 χ^2/NDF : 1542575.1/13

Out: 478.439 $\pm$ 0.117 χ^2/NDF : 2751762.7/15

All: 475.688 $\pm$ 0.084 χ^2/NDF : 4295485.3/29

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 225.600 $\pm$ 239.117 χ^2 /NDF: 0.0/3

Left Out: 101.338 $\pm$ 65.655 χ^2 /NDF:9.1/10

Right Out: -221.484 $\pm$ 217.055 χ^2 /NDF: 0.0/4

Left In: 107.102 $\pm$ 71.545 χ^2 /NDF:13.9/9

Left: 103.973 $\pm$ 48.374 χ^2 /NDF: 23.0/20

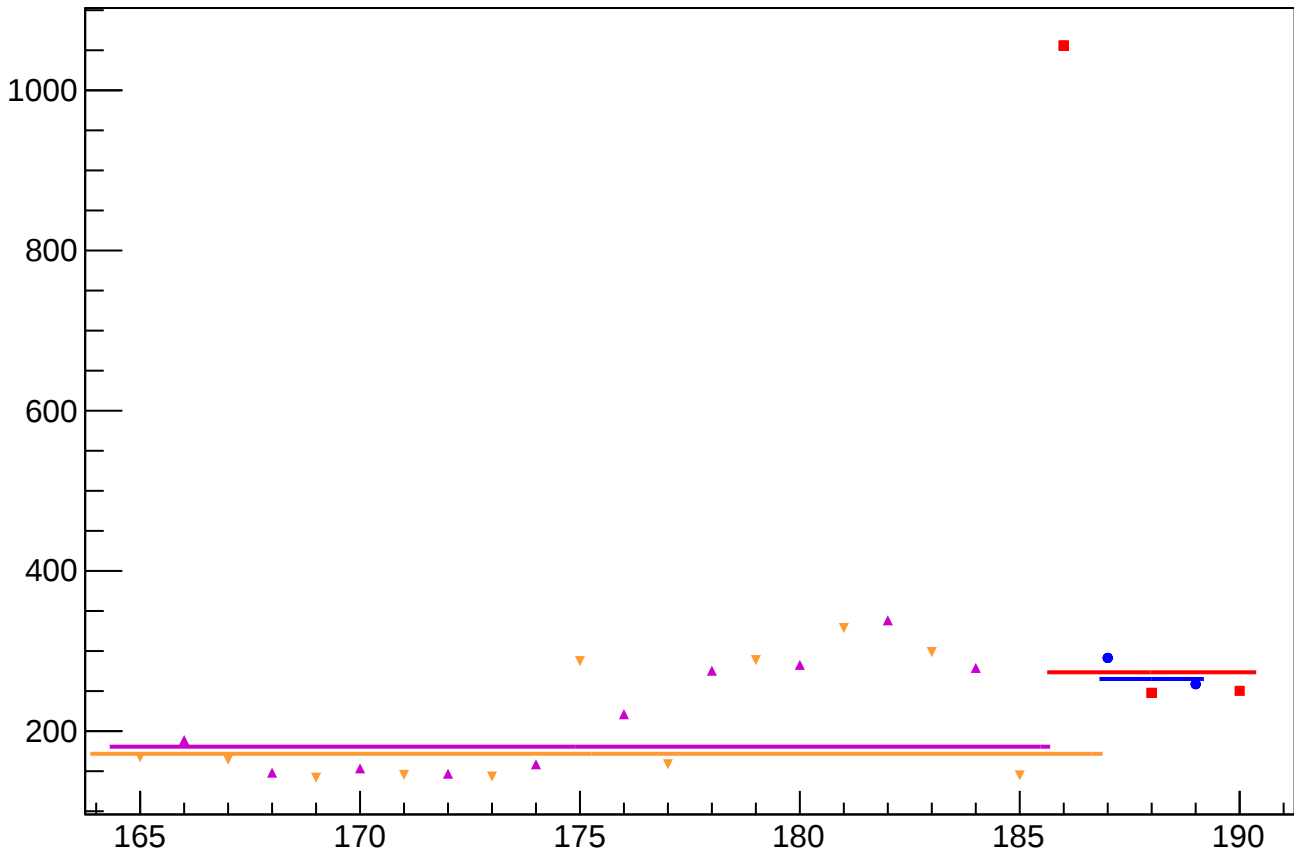
Right: -19.513 $\pm$ 160.716 χ^2 /NDF: 2.0/8

In: 116.839 $\pm$ 68.543 χ^2 /NDF:14.1/13

Out: 74.277 $\pm$ 62.843 χ^2 /NDF:11.1/15

All: 93.715 $\pm$ 46.321 χ^2 /NDF: 25.5/29

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 265.099+/-0.169 χ^2/NDF : 5980.4/3

Left Out: 171.715+/-0.046 χ^2/NDF :1275404.3/10

Right Out: 273.480+/-0.153 χ^2/NDF : 836325.5/4

Left In: 180.592+/-0.051 χ^2/NDF :1066233.8/9

Left: 175.773+/-0.034 χ^2/NDF : 2358350.7/20

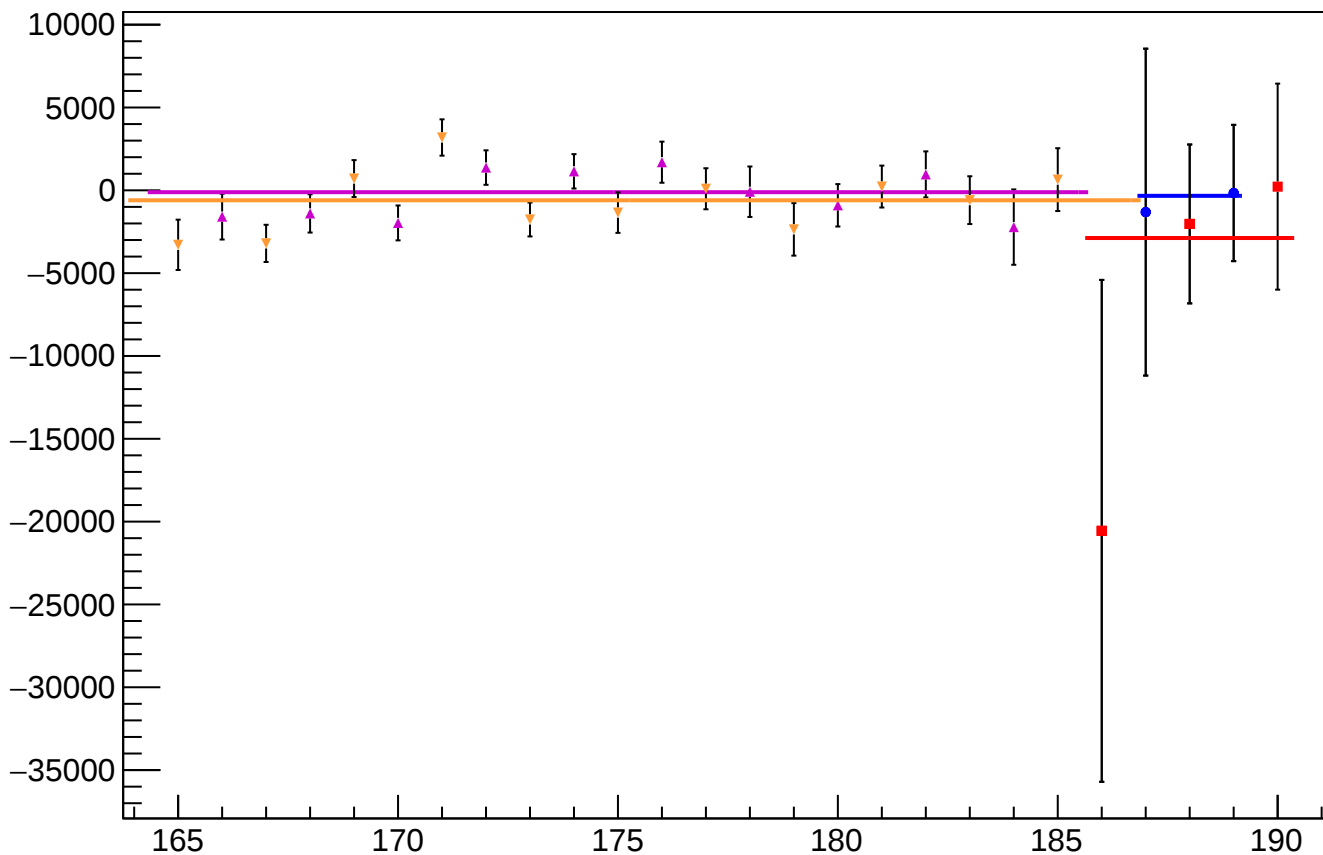
Right: 269.693+/-0.114 χ^2/NDF : 843652.9/8

In: 187.536+/-0.048 χ^2/NDF :1301488.3/13

Out: 180.246+/-0.044 χ^2/NDF :2514501.6/15

All: 183.575+/-0.033 χ^2/NDF : 3828281.2/29

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left: -365.981+/-273.713 χ^2/NDF : 39.6/20

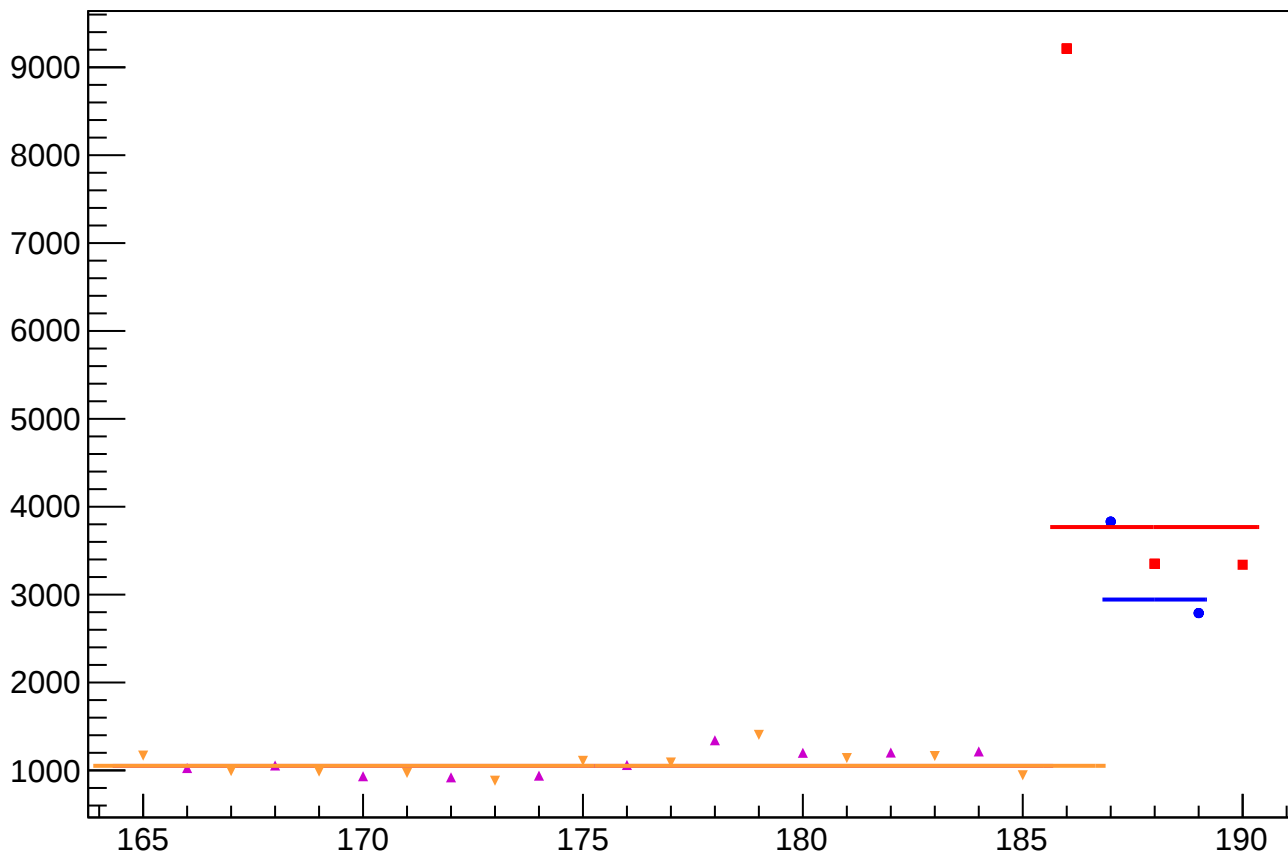
Right: -1521.761+/-1960.403 χ^2/NDF : 3.5/8

In: -117.220+/-390.199 χ^2/NDF : 13.0/13

Out: -640.776+/-376.887 χ^2/NDF : 29.5/15

All: -388.081+/-271.084 χ^2/NDF : 43.4/29

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left: 1051.397+/-0.194 χ^2 /NDF: 438040.1/20

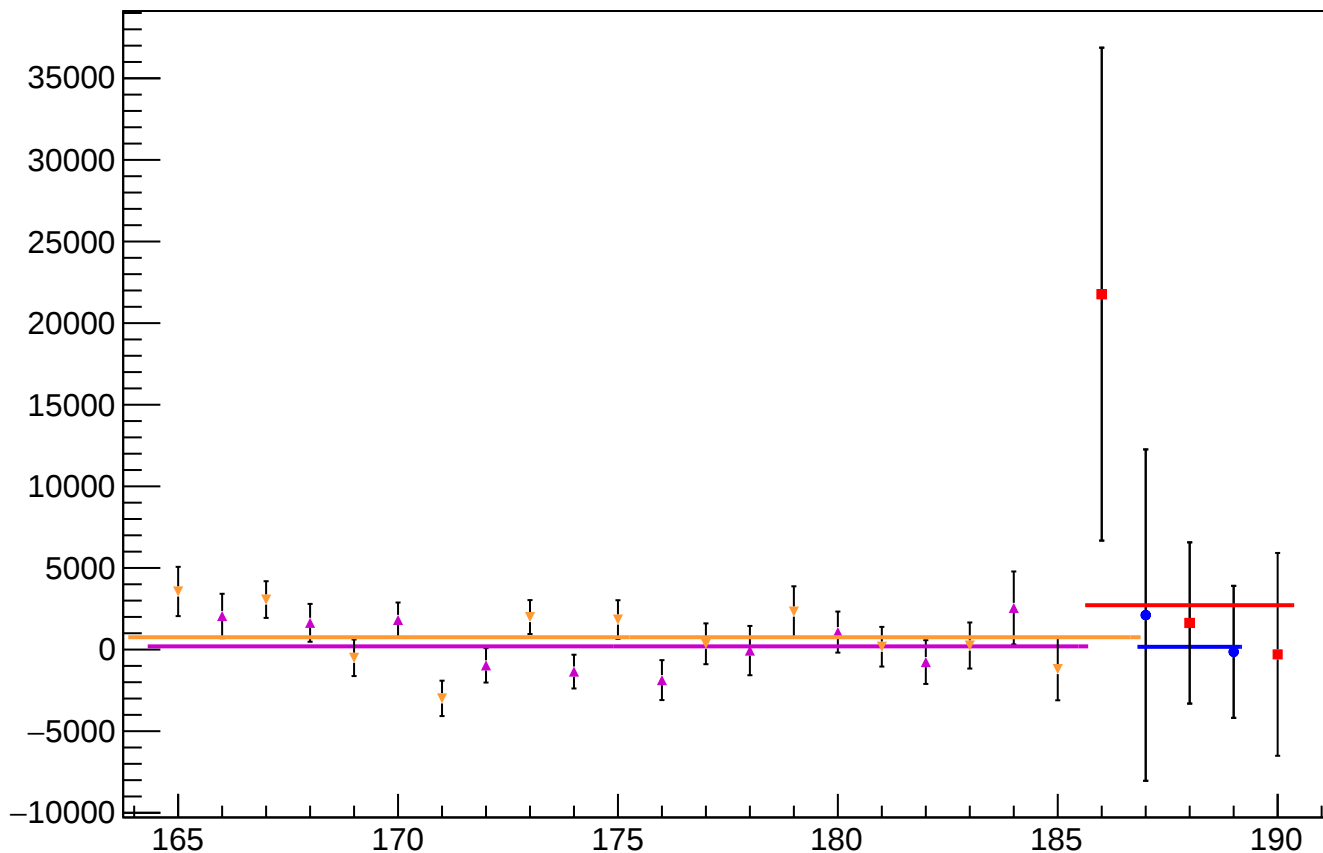
Right: 3329.218+/-1.386 χ^2 /NDF: 682476.5/8

In: 1090.642+/-0.276 χ^2 /NDF: 1226053.5/13

Out: 1098.973+/-0.266 χ^2 /NDF: 2542453.0/15

All: 1094.952+/-0.192 χ^2 /NDF: 3768978.2/29

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left: 486.830 $\pm$ 271.945 χ^2 /NDF: 40.9/20

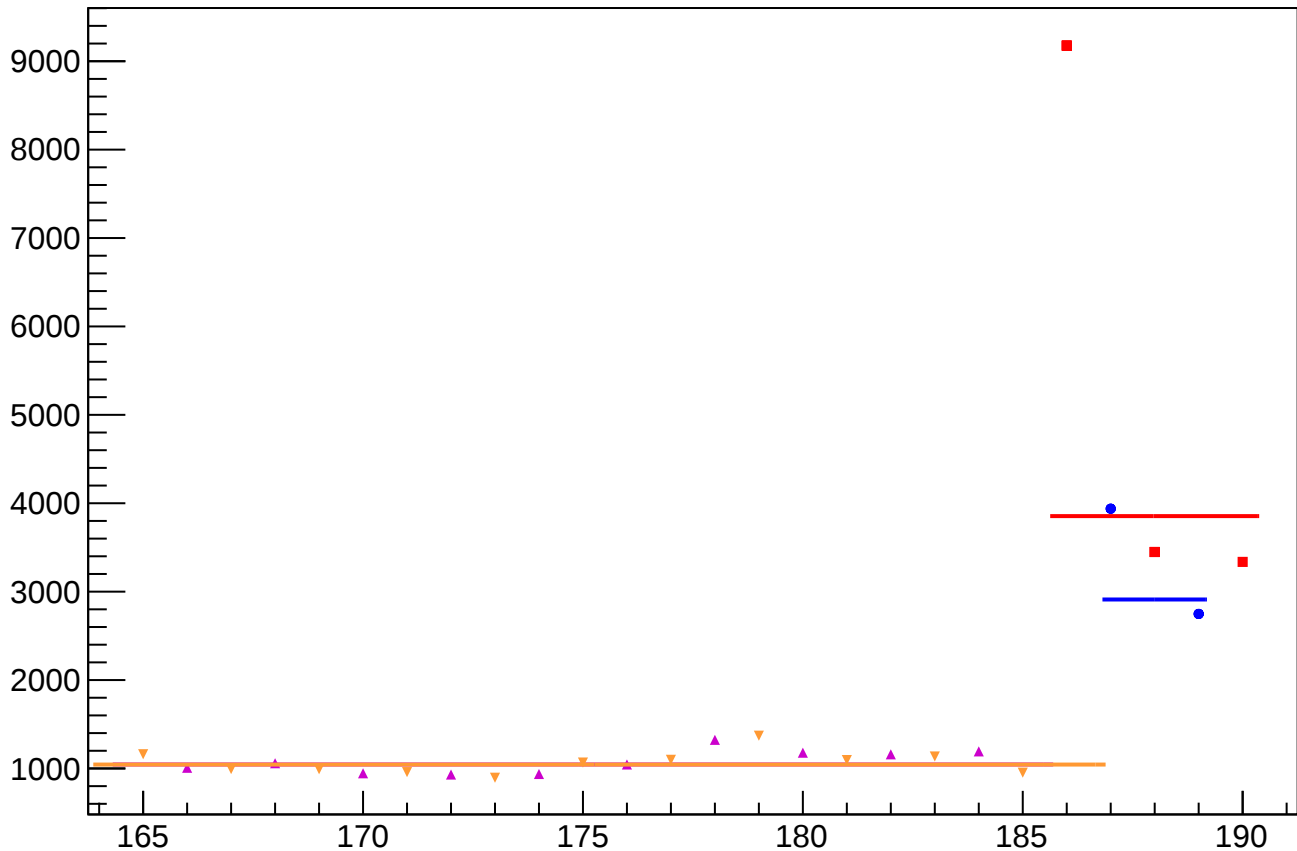
Right: 1319.295 $\pm$ 1967.307 χ^2 /NDF: 4.0/8

In: 195.831 $\pm$ 388.084 χ^2 /NDF:14.3/13

Out: 787.537 $\pm$ 374.224 χ^2 /NDF:29.6/15

All: 502.439 $\pm$ 269.383 χ^2 /NDF: 45.1/29

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2911.294 $\pm$ 1.878 χ^2/NDF : 47458.5/3

Left Out: 1044.107 $\pm$ 0.267 χ^2/NDF : 183699.5/10

Right Out: 3854.460 $\pm$ 2.070 χ^2/NDF : 537814.3/4

Left In: 1045.037 $\pm$ 0.277 χ^2/NDF : 178384.1/9

Left: 1044.554 $\pm$ 0.192 χ^2/NDF : 362089.4/20

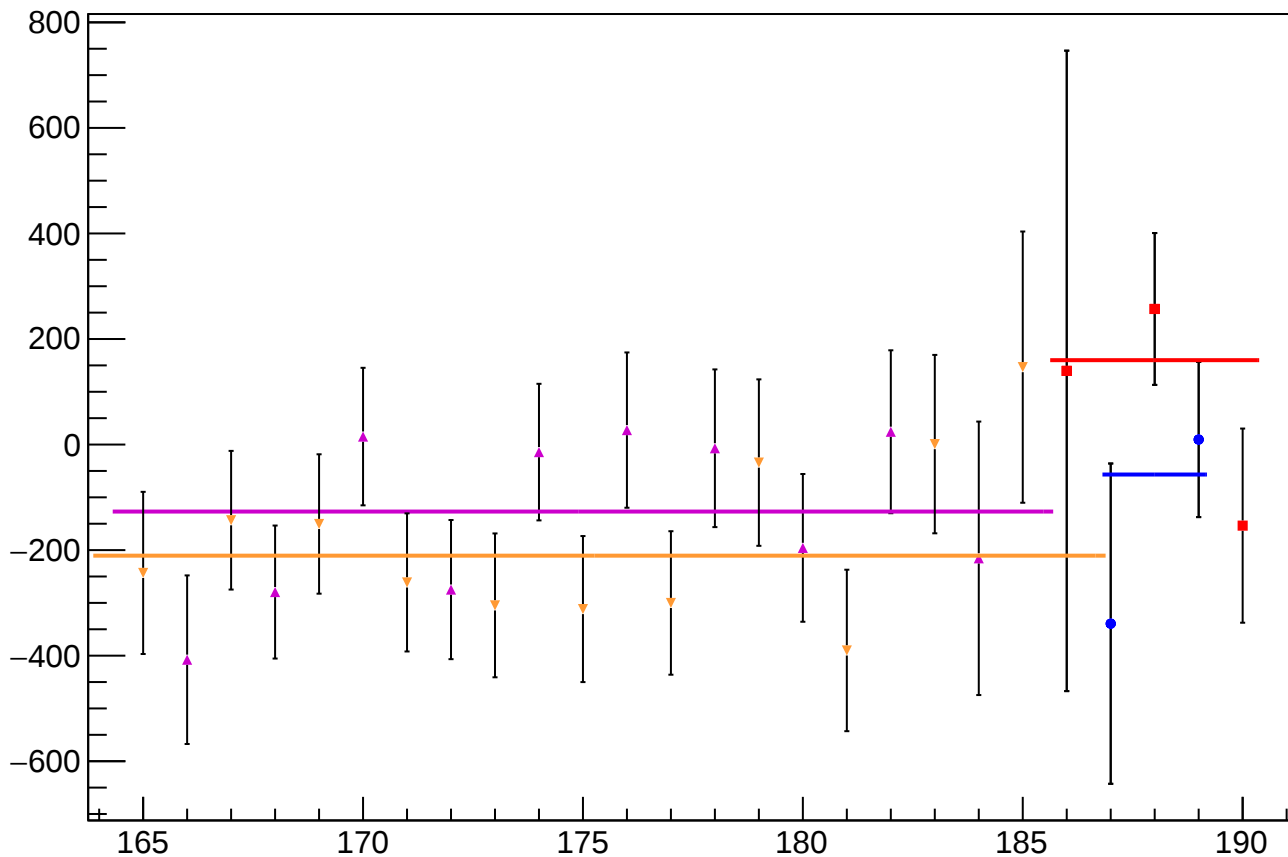
Right: 3337.120 $\pm$ 1.391 χ^2/NDF : 699112.6/8

In: 1084.872 $\pm$ 0.274 χ^2/NDF : 1191995.9/13

Out: 1090.019 $\pm$ 0.265 χ^2/NDF : 2534096.5/15

All: 1087.539 $\pm$ 0.190 χ^2/NDF : 3726274.7/29

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: -170.092 ± 31.837 χ^2/NDF : 20.8/20

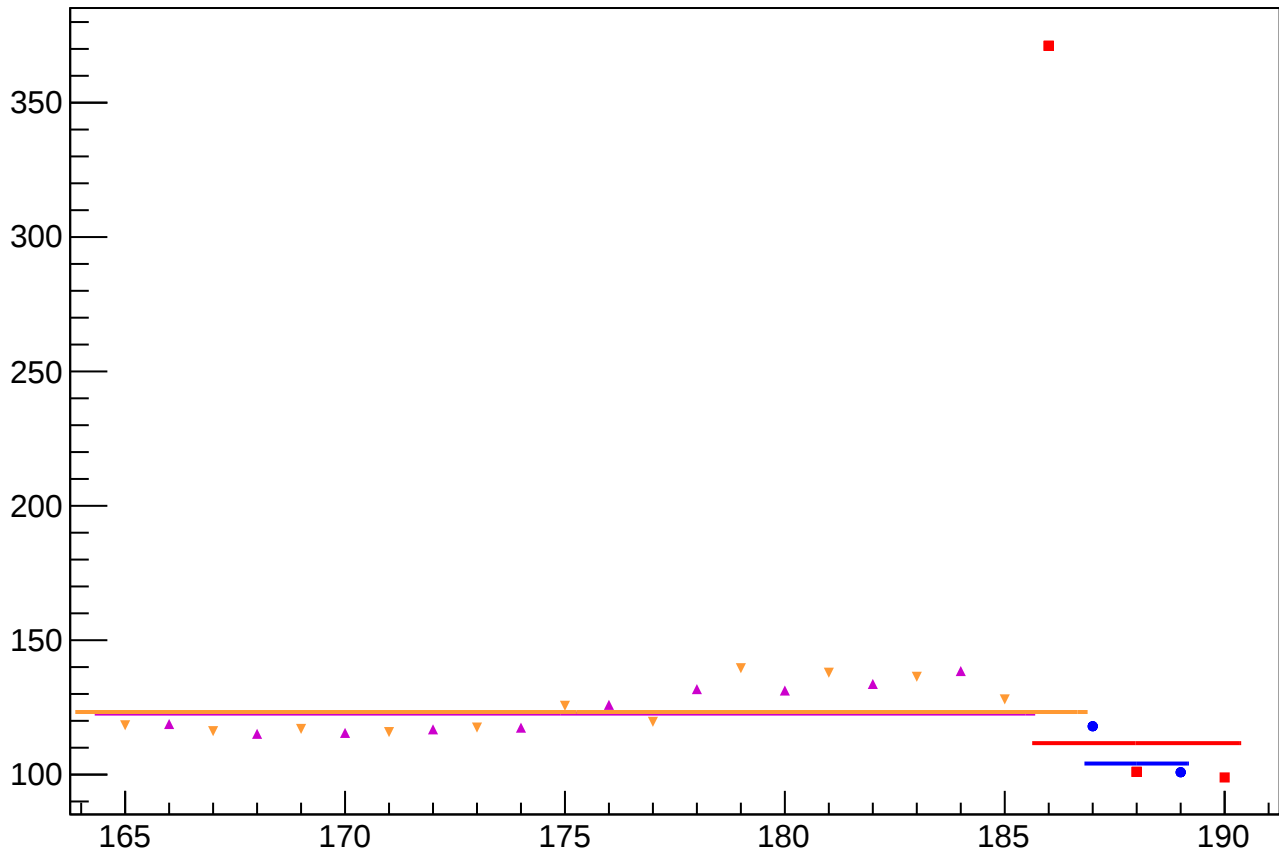
Right: 59.180 ± 63.763 χ^2/NDF : 8.8/8

In: -113.386 ± 41.114 χ^2/NDF : 13.4/13

Out: -134.449 ± 39.498 χ^2/NDF : 26.4/15

All: -124.340 ± 28.484 χ^2/NDF : 40.0/29

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left: 122.999 $\pm$ 0.023 χ^2 /NDF: 132324.7/20

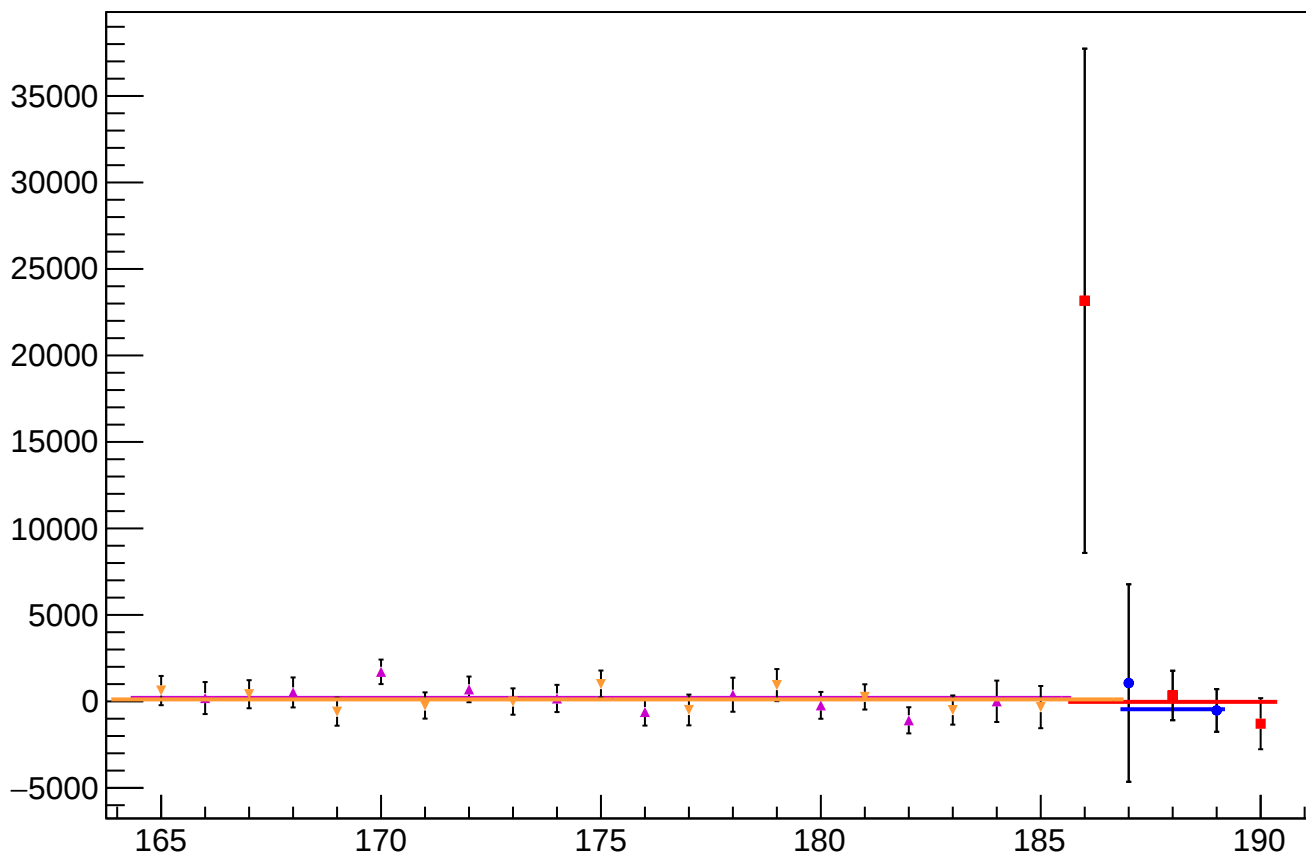
Right: 108.174 $\pm$ 0.045 χ^2 /NDF: 780396.0/8

In: 119.102 $\pm$ 0.029 χ^2 /NDF: 129205.3/13

Out: 120.908 $\pm$ 0.028 χ^2 /NDF: 868053.5/15

All: 120.041 $\pm$ 0.020 χ^2 /NDF: 999265.8/29

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -452.828 $\pm$ 852.044 χ^2/NDF : 0.1/3

Left Out: 115.239 $\pm$ 250.740 χ^2/NDF :4.8/10

Right Out: -25.881 $\pm$ 831.551 χ^2/NDF : 5.9/4

Left In: 203.043 $\pm$ 260.948 χ^2/NDF :9.5/9

Left: 157.390 $\pm$ 180.801 χ^2/NDF : 14.3/20

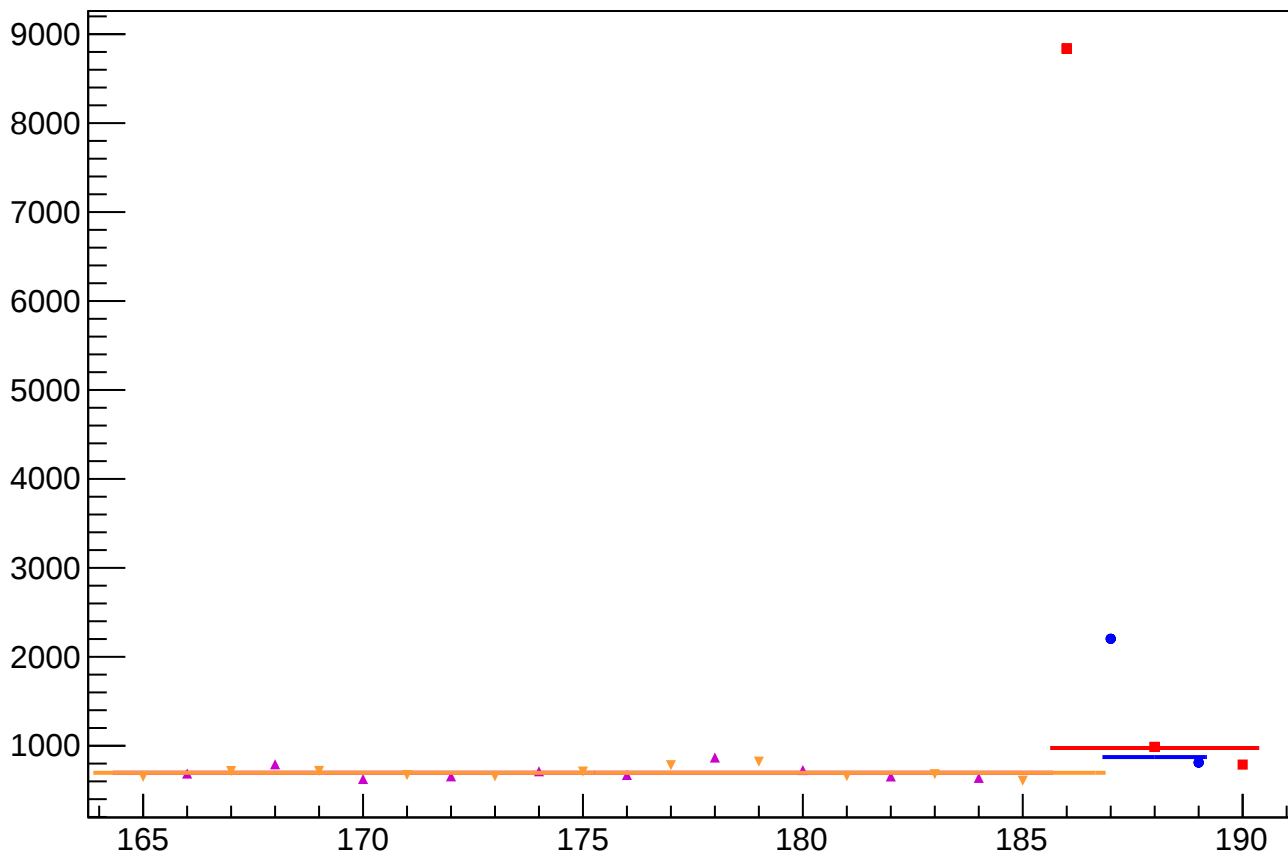
Right: -234.158 $\pm$ 595.108 χ^2/NDF : 6.2/8

In: 146.800 $\pm$ 249.508 χ^2/NDF :10.2/13

Out: 103.477 $\pm$ 240.064 χ^2/NDF :10.7/15

All: 124.303 $\pm$ 172.993 χ^2/NDF : 20.9/29

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 873.236+/-0.602 χ^2/NDF : 227172.8/3

Left Out: 696.542+/-0.177 χ^2/NDF : 88373.7/10

Right Out: 975.230+/-0.588 χ^2/NDF : 1196120.5/4

Left In: 697.248+/-0.185 χ^2/NDF : 126669.9/9

Left: 696.881+/-0.128 χ^2/NDF : 215051.2/20

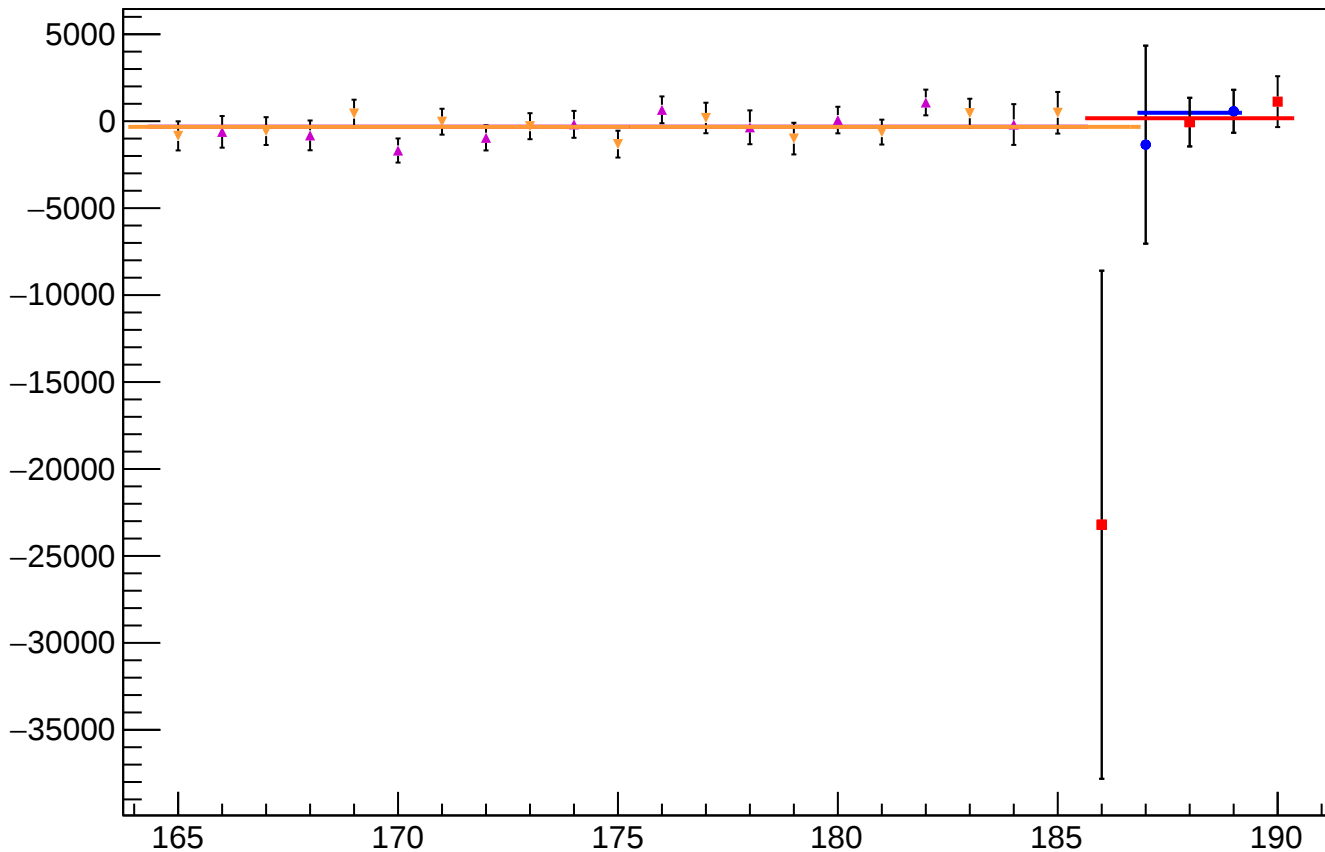
Right: 925.475+/-0.421 χ^2/NDF : 1437971.4/8

In: 712.339+/-0.176 χ^2/NDF : 431850.6/13

Out: 719.769+/-0.170 χ^2/NDF : 1490413.4/15

All: 716.197+/-0.122 χ^2/NDF : 1923185.0/29

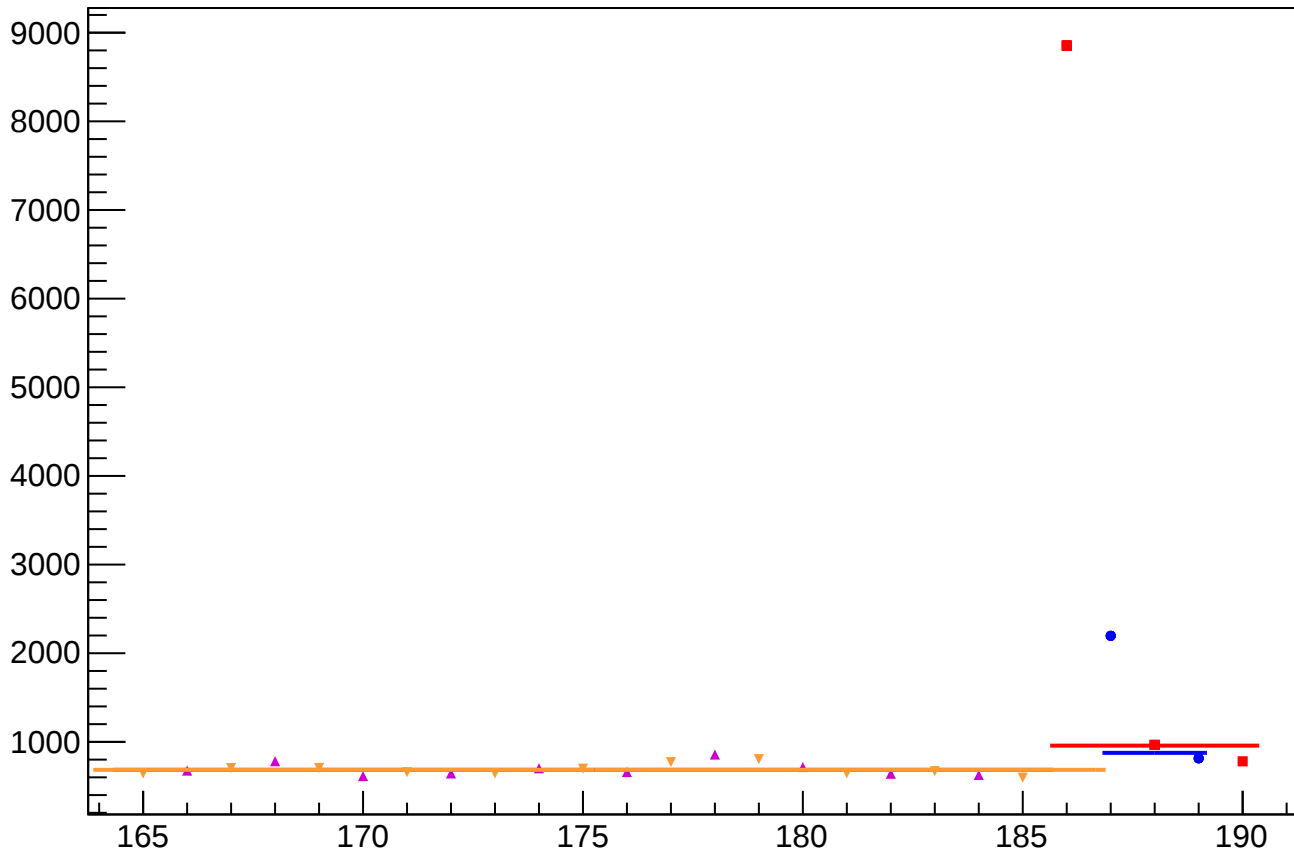
asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: -321.303+/-177.749 χ^2/NDF : 16.2/20
 Right: 319.607+/-590.123 χ^2/NDF : 5.9/8
 In: -249.205+/-245.558 χ^2/NDF : 11.6/13
 Out: -285.363+/-236.107 χ^2/NDF : 11.6/15
 All: -267.993+/-170.196 χ^2/NDF : 23.1/29

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 876.288+/-0.604 χ^2/NDF : 225319.1/3

Left Out: 684.972+/-0.174 χ^2/NDF : 88973.0/10

Right Out: 957.674+/-0.578 χ^2/NDF : 1198179.3/4

Left In: 684.775+/-0.181 χ^2/NDF : 134282.2/9

Left: 684.877+/-0.126 χ^2/NDF : 223255.8/20

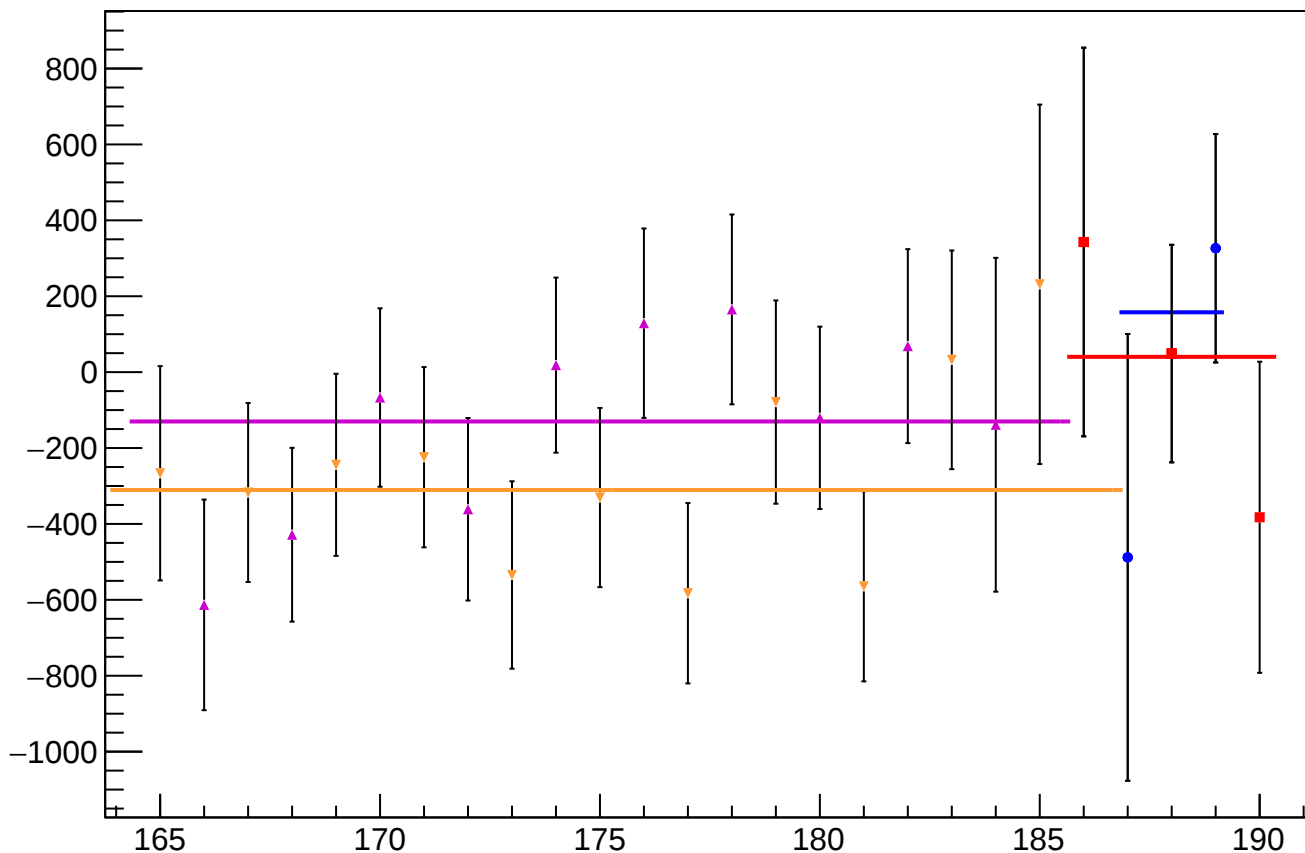
Right: 918.775+/-0.417 χ^2/NDF : 1432990.1/8

In: 700.624+/-0.174 χ^2/NDF : 451945.3/13

Out: 707.761+/-0.167 χ^2/NDF : 1491482.3/15

All: 704.333+/-0.120 χ^2/NDF : 1944305.4/29

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left: -222.507 $\pm$ 55.891 χ^2 /NDF: 18.7/20

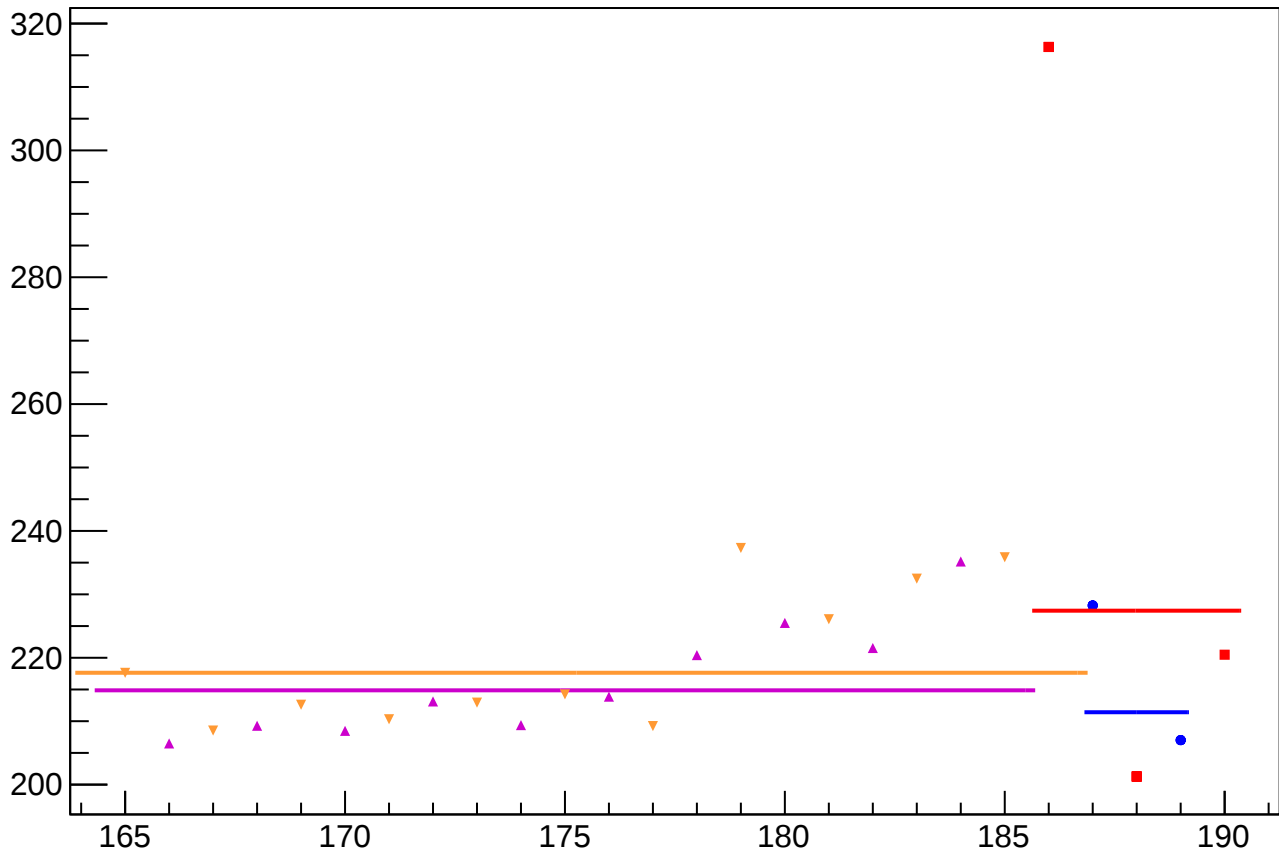
Right: 90.021 $\pm$ 123.296 χ^2 /NDF: 5.0/8

In: -86.448 $\pm$ 73.733 χ^2 /NDF:14.2/13

Out: -244.631 $\pm$ 70.367 χ^2 /NDF:12.4/15

All: -169.233 $\pm$ 50.905 χ^2 /NDF: 29.1/29

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 216.286 $\pm$ 0.040 χ^2 /NDF: 48260.8/20

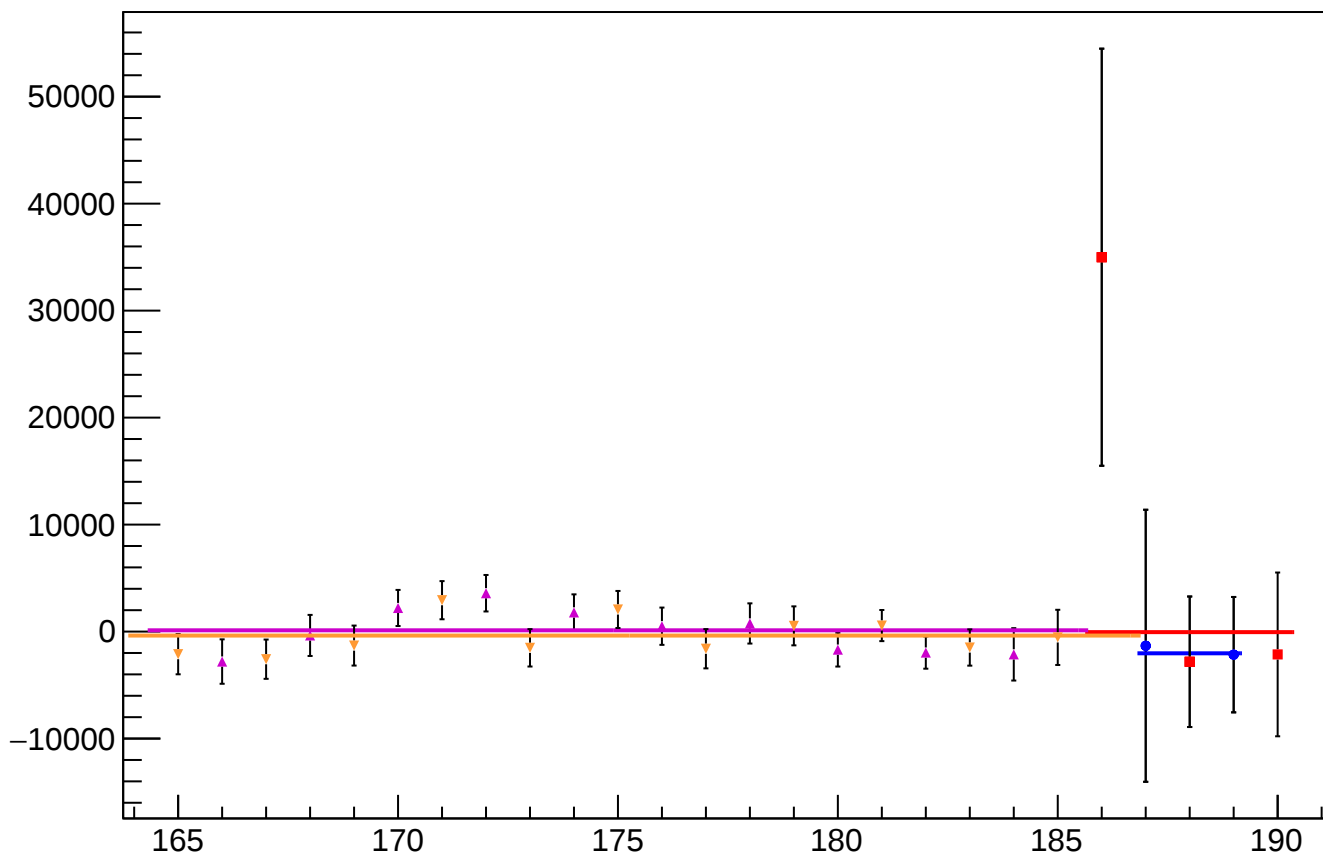
Right: 220.645 $\pm$ 0.087 χ^2 /NDF: 166744.6/8

In: 214.344 $\pm$ 0.052 χ^2 /NDF:20980.3/13

Out: 219.475 $\pm$ 0.050 χ^2 /NDF:191030.0/15

All: 217.029 $\pm$ 0.036 χ^2 /NDF: 217078.8/29

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -2030.479+/-3510.598 χ^2/NDF : 0.0/3

Left Out: -372.172+/-541.435 χ^2/NDF :10.0/10

Right Out: -51.158+/-3625.241 χ^2/NDF : 6.9/4

Left In: 119.796+/-561.799 χ^2/NDF :12.9/9

Left: -135.266+/-389.853 χ^2/NDF : 23.3/20

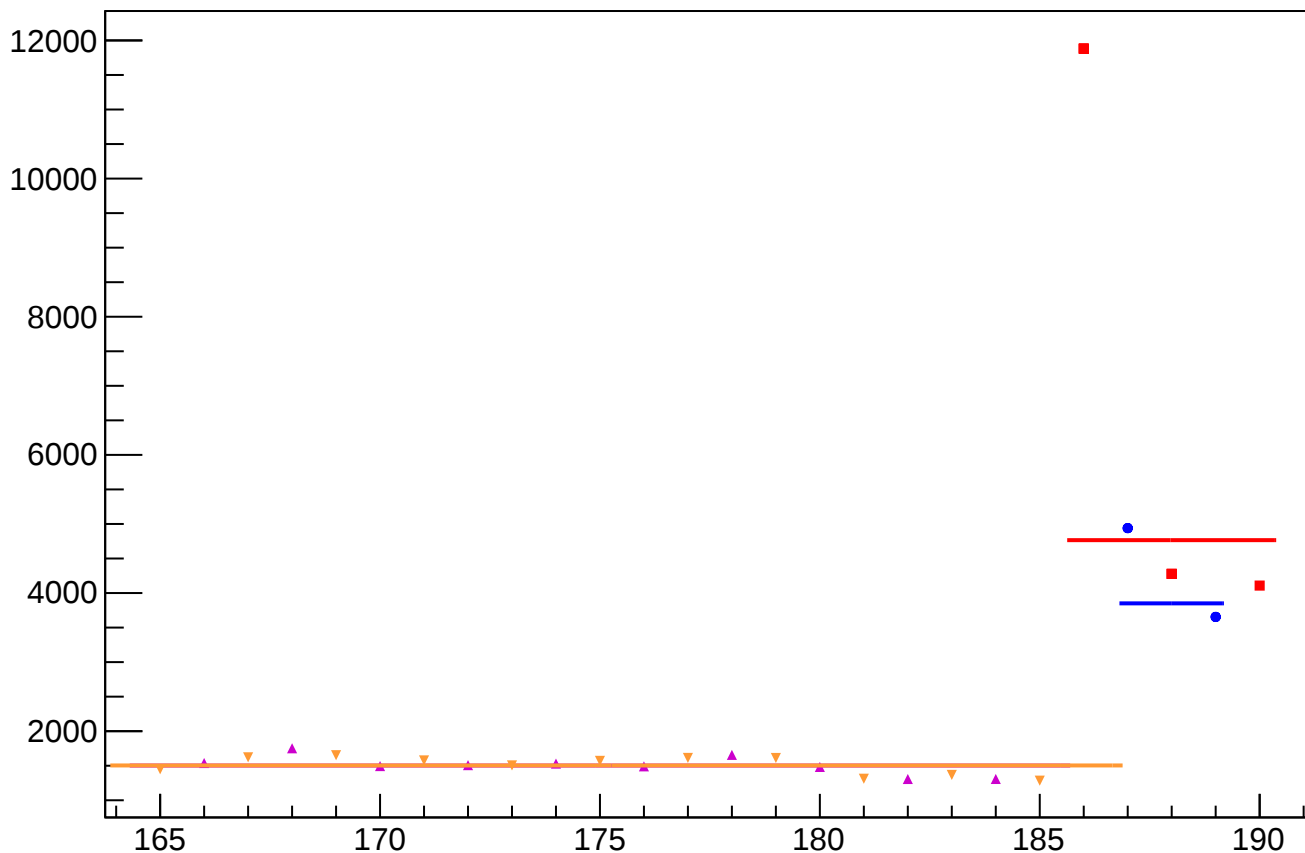
Right: -1072.610+/-2521.923 χ^2/NDF : 7.1/8

In: 66.104+/-554.740 χ^2/NDF :13.3/13

Out: -365.168+/-535.495 χ^2/NDF :16.9/15

All: -157.142+/-385.276 χ^2/NDF : 30.5/29

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left: 1503.327+/-0.276 χ^2/NDF : 200631.1/20

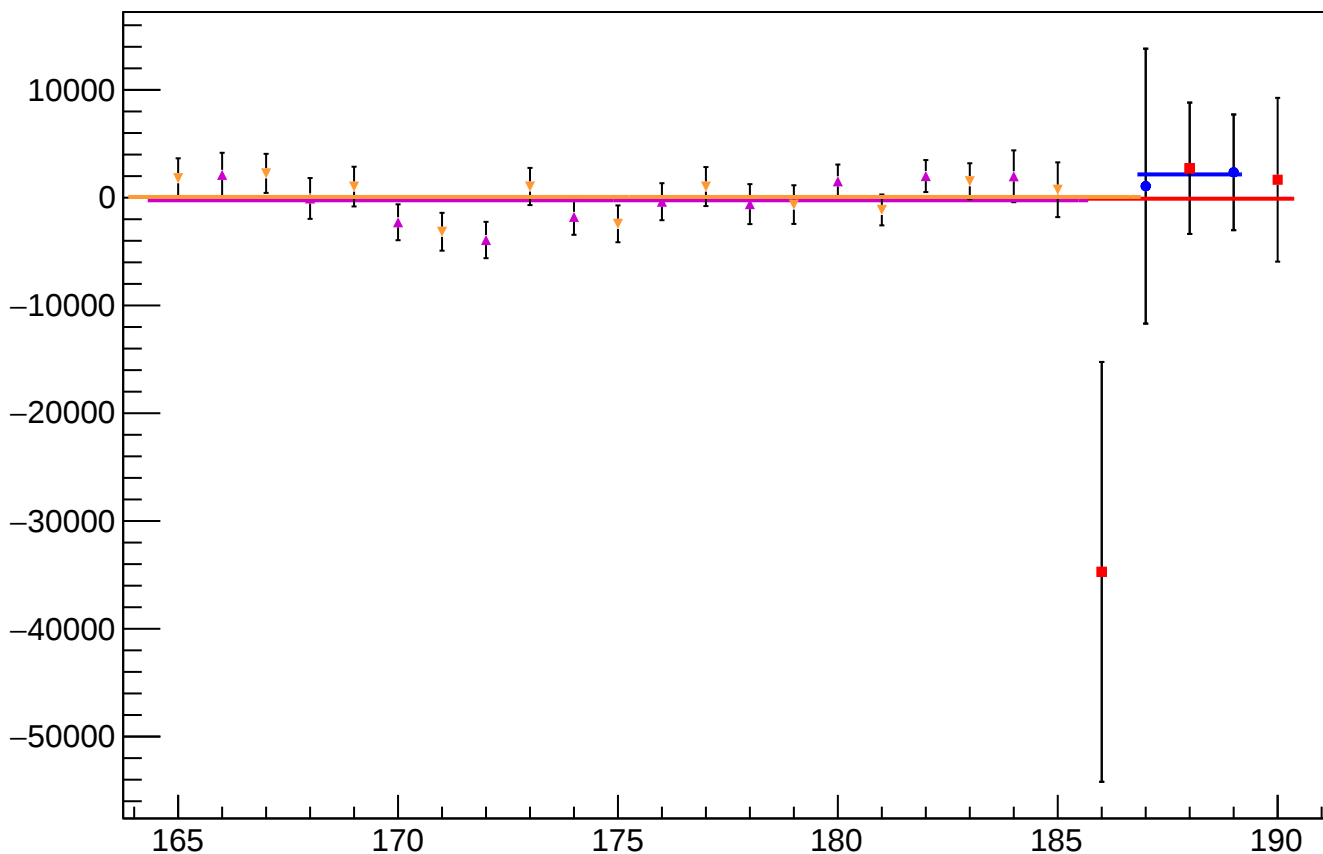
Right: 4293.370+/-1.783 χ^2/NDF : 673780.0/8

In: 1561.201+/-0.392 χ^2/NDF :1001912.7/13

Out: 1575.193+/-0.379 χ^2/NDF :2262577.1/15

All: 1568.444+/-0.272 χ^2/NDF : 3265148.4/29

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2159.443+/-3498.054 χ^2/NDF : 0.0/3

Left Out: 67.084+/-533.542 χ^2/NDF :10.4/10

Right Out: -94.229+/-3616.495 χ^2/NDF : 6.8/4

Left In: -241.472+/-553.887 χ^2/NDF :12.9/9

Left: -81.423+/-384.262 χ^2/NDF : 23.5/20

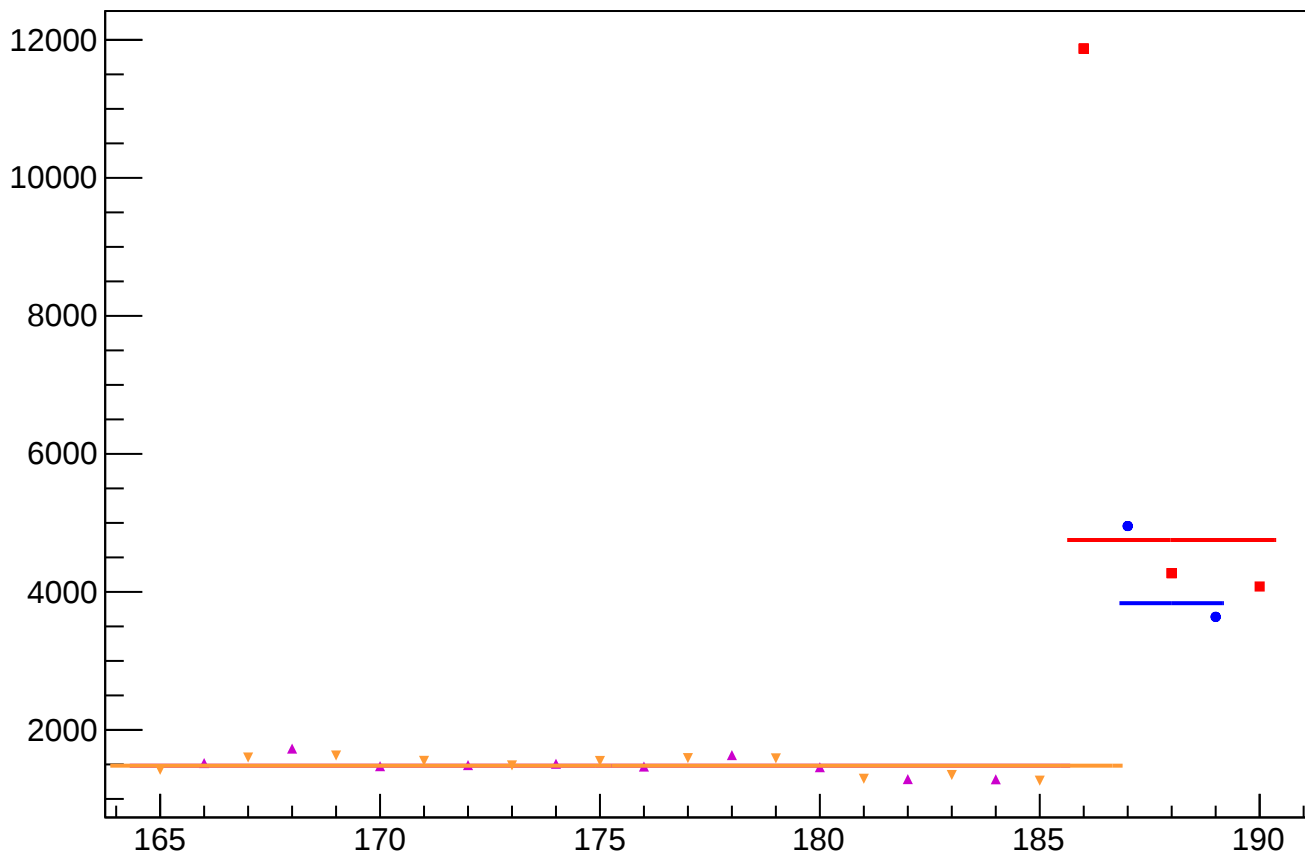
Right: 1070.115+/-2514.328 χ^2/NDF : 7.0/8

In: -182.748+/-547.072 χ^2/NDF :13.4/13

Out: 63.648+/-527.828 χ^2/NDF :17.2/15

All: -55.141+/-379.852 χ^2/NDF : 30.8/29

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 1481.618+/-0.272 χ^2/NDF : 204331.4/20

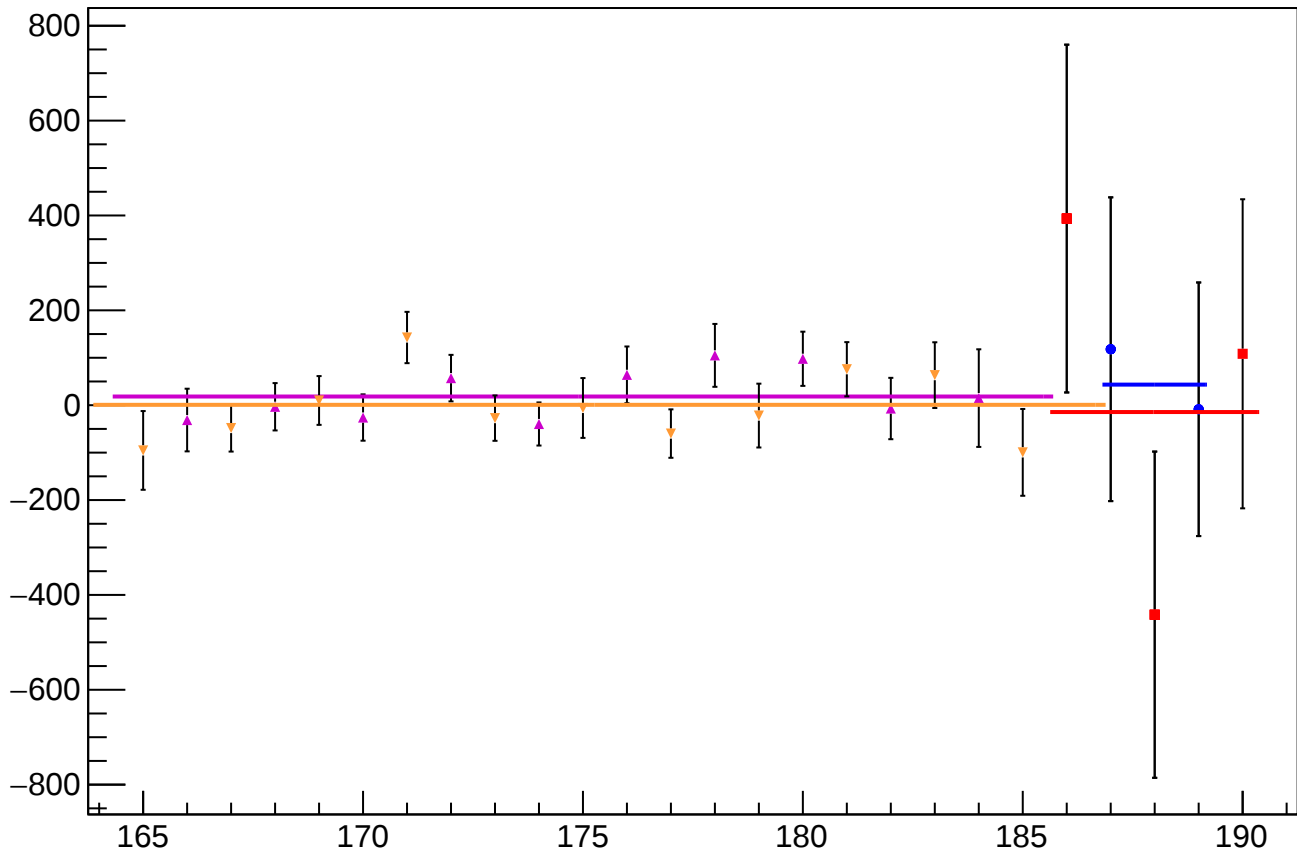
Right: 4279.224+/-1.778 χ^2/NDF : 677615.5/8

In: 1538.822+/-0.387 χ^2/NDF :1018273.0/13

Out: 1551.659+/-0.373 χ^2/NDF :2282640.9/15

All: 1545.470+/-0.269 χ^2/NDF : 3301484.2/29

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 43.391 ± 145.118 $\chi^2/\text{NDF}: 0.2/3$

Left Out: 0.767 ± 17.683 $\chi^2/\text{NDF}: 14.8/10$

Right Out: -14.426 ± 155.779 $\chi^2/\text{NDF}: 5.7/4$

Left In: 18.308 ± 17.966 $\chi^2/\text{NDF}: 8.2/9$

Left: 9.398 ± 12.603 $\chi^2/\text{NDF}: 23.6/20$

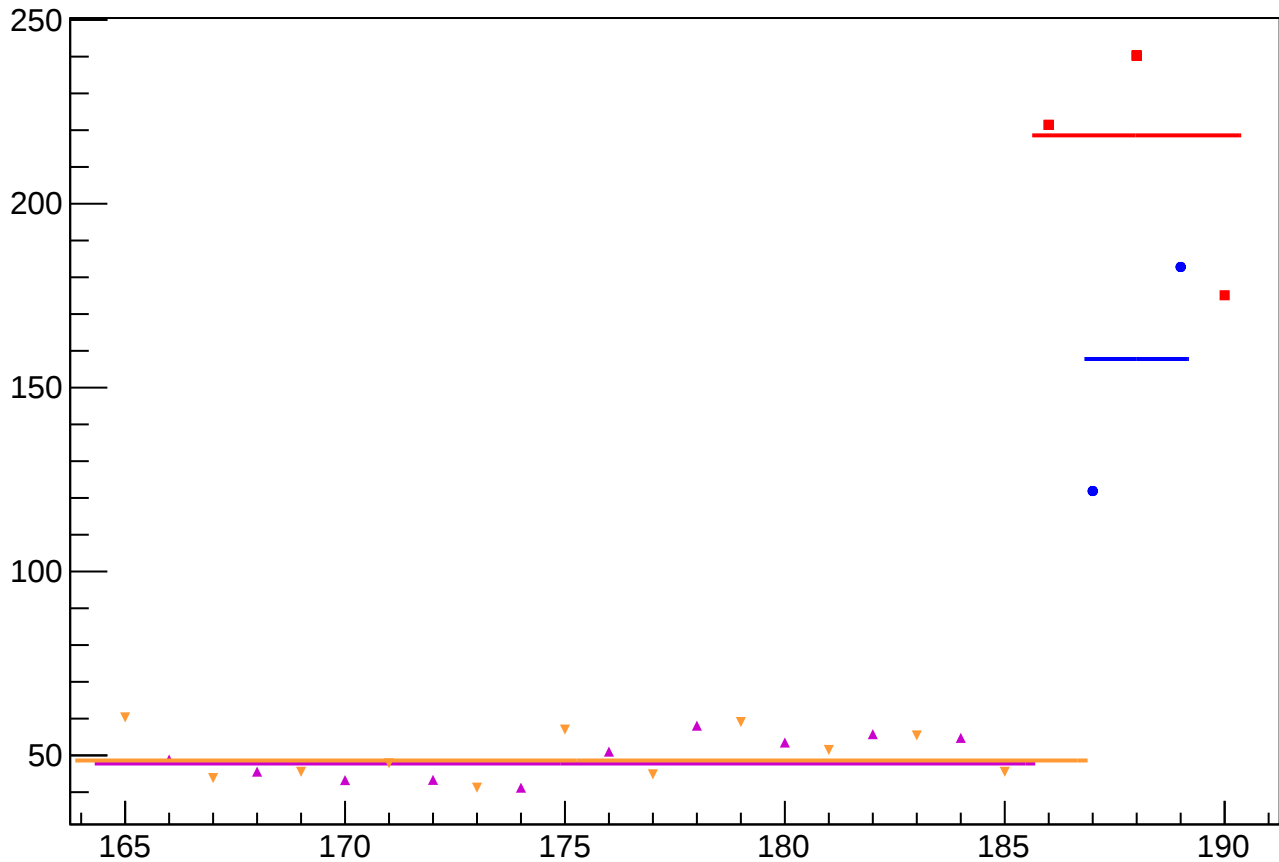
Right: 16.528 ± 106.183 $\chi^2/\text{NDF}: 6.0/8$

In: 18.686 ± 17.830 $\chi^2/\text{NDF}: 8.4/13$

Out: 0.574 ± 17.570 $\chi^2/\text{NDF}: 20.6/15$

All: 9.497 ± 12.515 $\chi^2/\text{NDF}: 29.5/29$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left: 48.211 $\pm$ 0.009 χ^2 /NDF: 430259.3/20

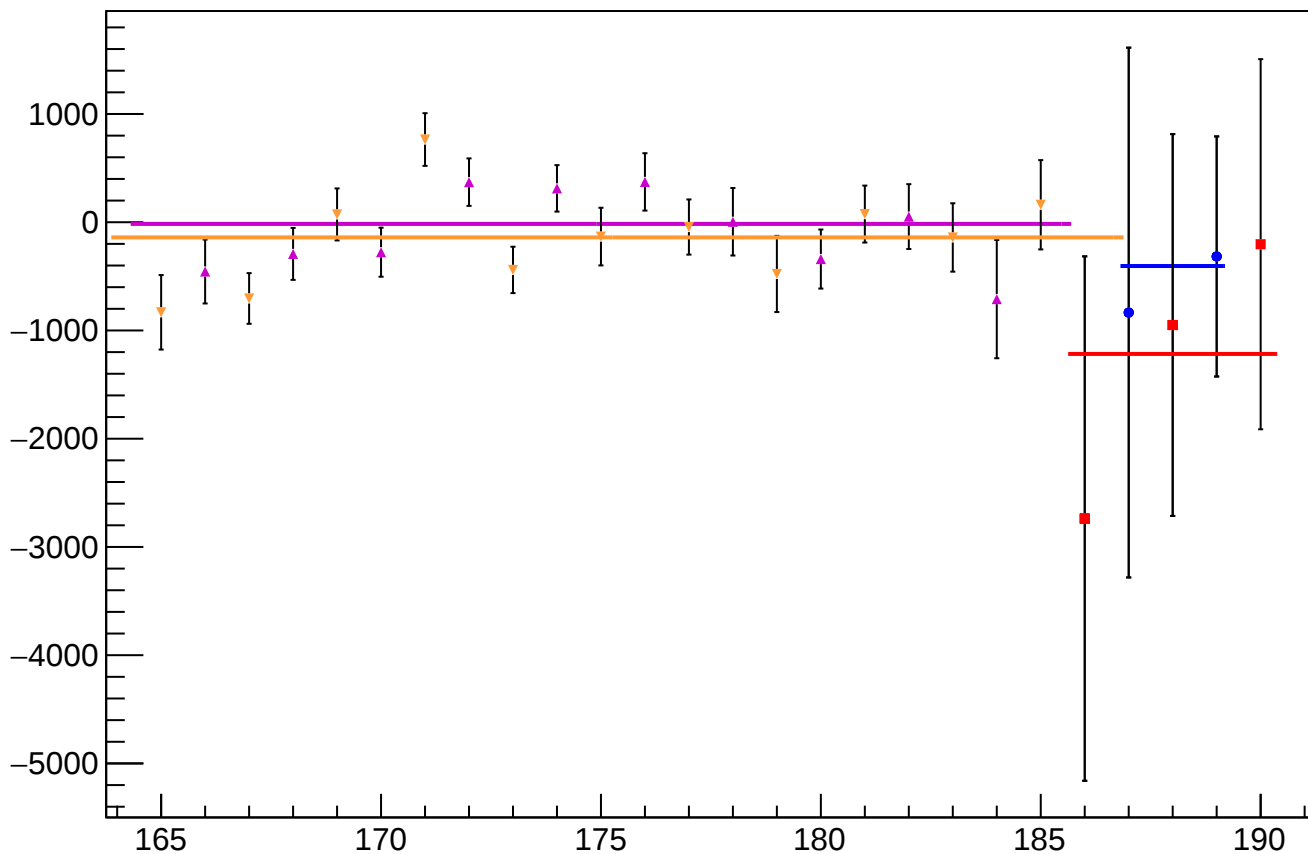
Right: 186.035 $\pm$ 0.075 χ^2 /NDF: 300198.5/8

In: 49.457 $\pm$ 0.013 χ^2 /NDF: 1410177.8/13

Out: 50.775 $\pm$ 0.012 χ^2 /NDF: 2637453.0/15

All: 50.126 $\pm$ 0.009 χ^2 /NDF: 4053169.2/29

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left: -79.437+/-58.334 χ^2/NDF : 45.4/20

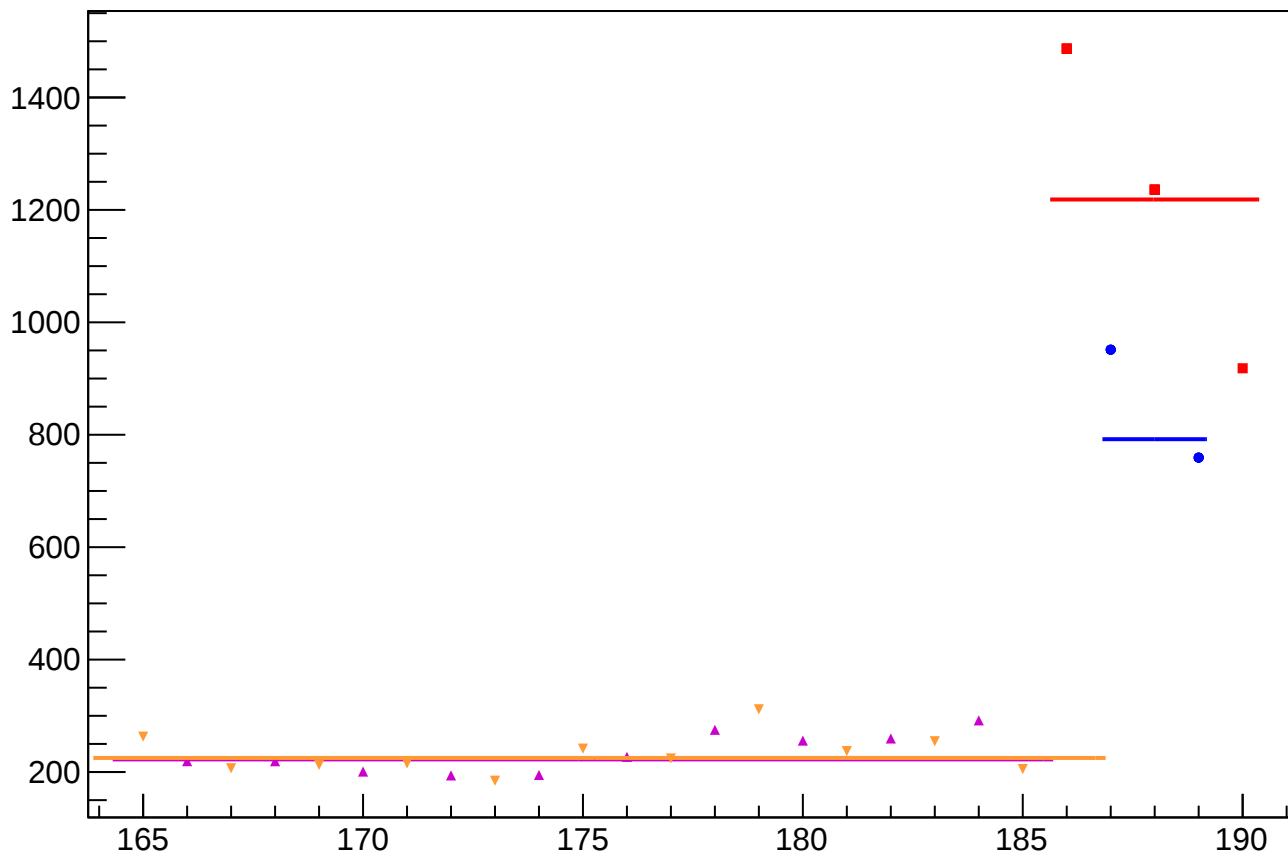
Right: -732.304+/-551.666 χ^2/NDF : 1.8/8

In: -20.823+/-82.986 χ^2/NDF :15.9/13

Out: -149.568+/-81.125 χ^2/NDF :31.4/15

All: -86.656+/-58.011 χ^2/NDF : 48.5/29

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 792.081+/-0.505 χ^2/NDF : 20426.2/3

Left Out: 225.047+/-0.058 χ^2/NDF : 271733.6/10

Right Out: 1218.535+/-0.614 χ^2/NDF : 111173.0/4

Left In: 222.437+/-0.059 χ^2/NDF : 236711.1/9

Left: 223.775+/-0.041 χ^2/NDF : 509445.1/20

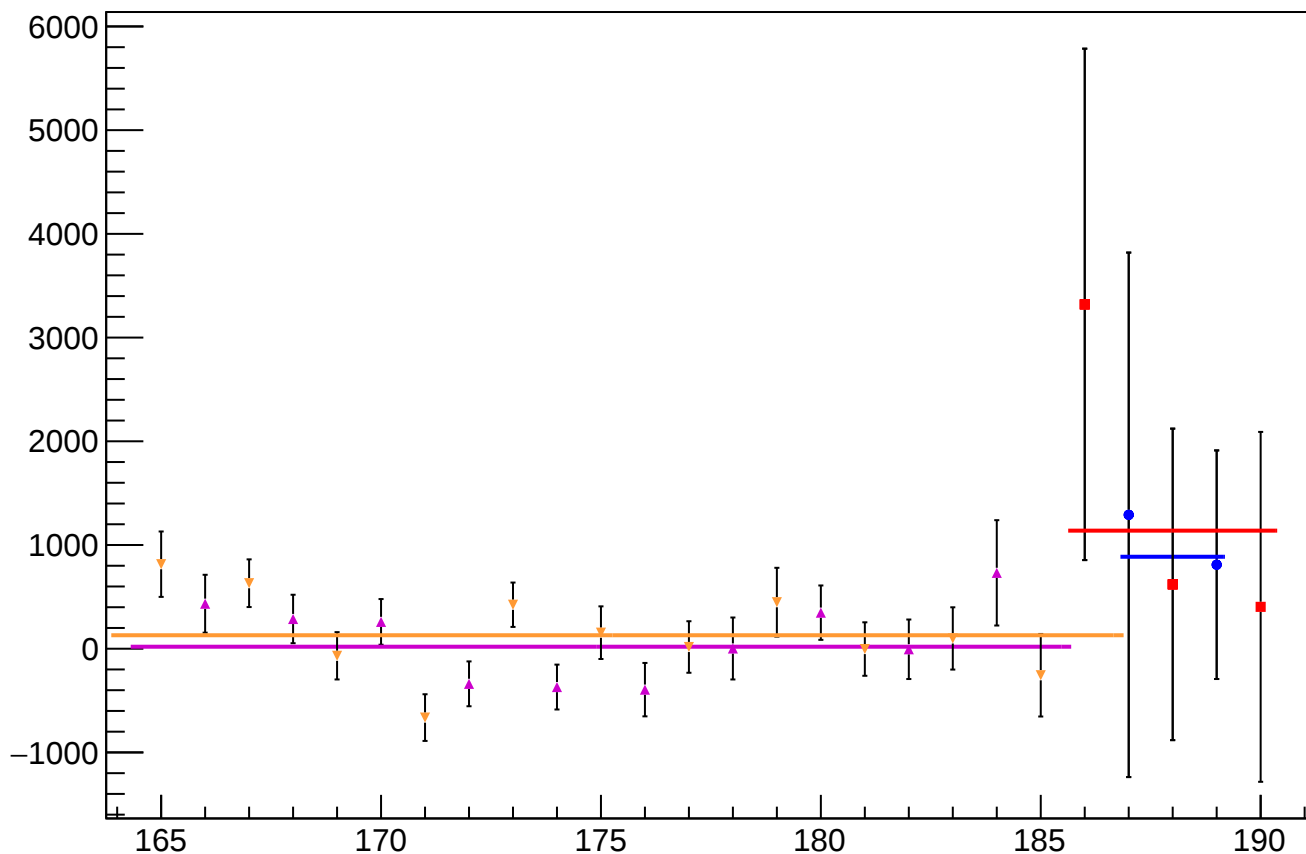
Right: 964.149+/-0.390 χ^2/NDF : 419253.8/8

In: 230.127+/-0.059 χ^2/NDF : 1512018.2/13

Out: 233.716+/-0.057 χ^2/NDF : 2977230.8/15

All: 231.962+/-0.041 χ^2/NDF : 4491162.3/29

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 886.689+/-714.355 χ^2/NDF : 0.1/3

Left Out: 129.824+/-78.306 χ^2/NDF :26.9/10

Right Out: 1138.453+/-798.788 χ^2/NDF : 2.0/4

Left In: 19.257+/-81.266 χ^2/NDF :16.8/9

Left: 76.591+/-56.388 χ^2/NDF : 44.7/20

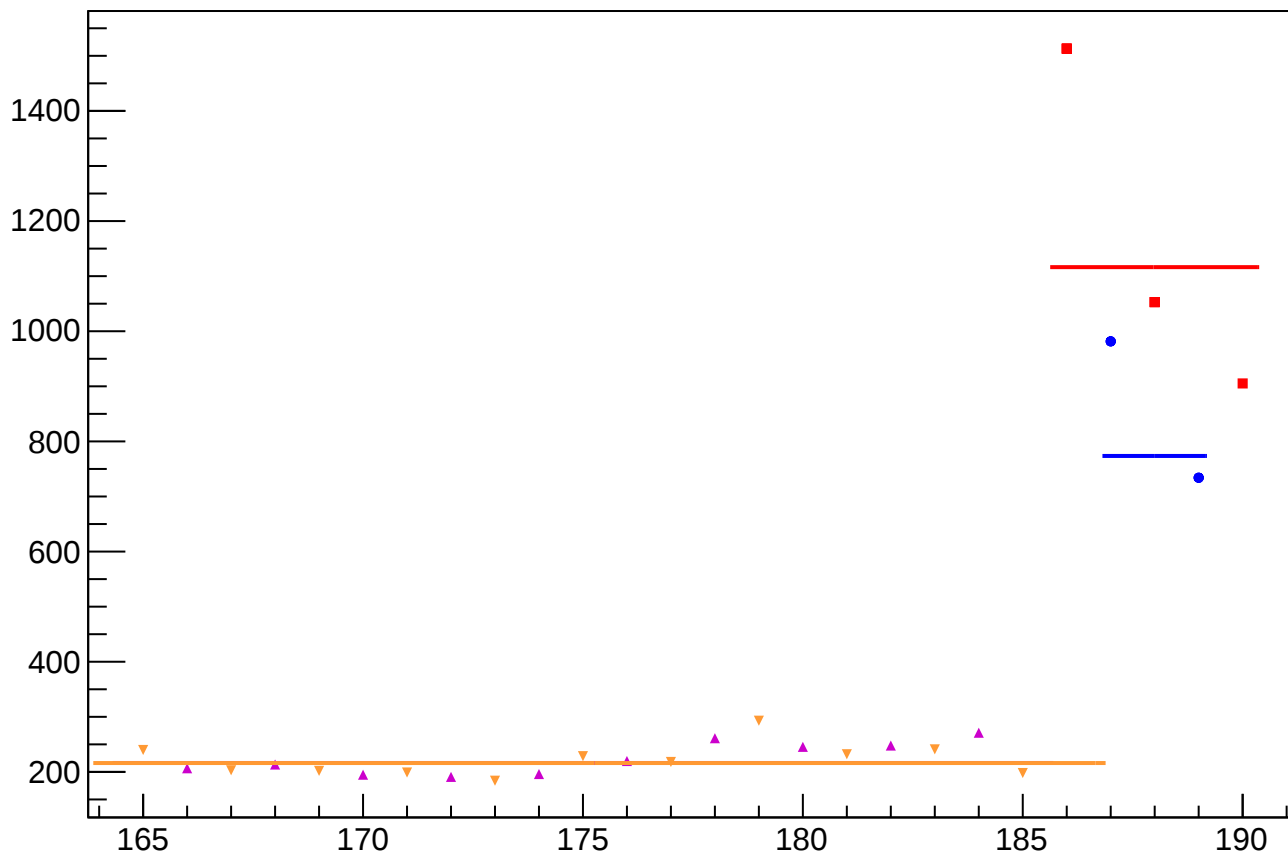
Right: 998.566+/-532.483 χ^2/NDF : 2.1/8

In: 30.340+/-80.745 χ^2/NDF :18.3/13

Out: 139.425+/-77.932 χ^2/NDF :30.5/15

All: 86.815+/-56.074 χ^2/NDF : 49.8/29

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 773.595 $\pm$ 0.505 χ^2/NDF : 32207.0/3

Left Out: 216.105 $\pm$ 0.055 χ^2/NDF : 220057.5/10

Right Out: 1116.362 $\pm$ 0.565 χ^2/NDF : 142024.9/4

Left In: 216.217 $\pm$ 0.057 χ^2/NDF : 184137.0/9

Left: 216.159 $\pm$ 0.040 χ^2/NDF : 404196.5/20

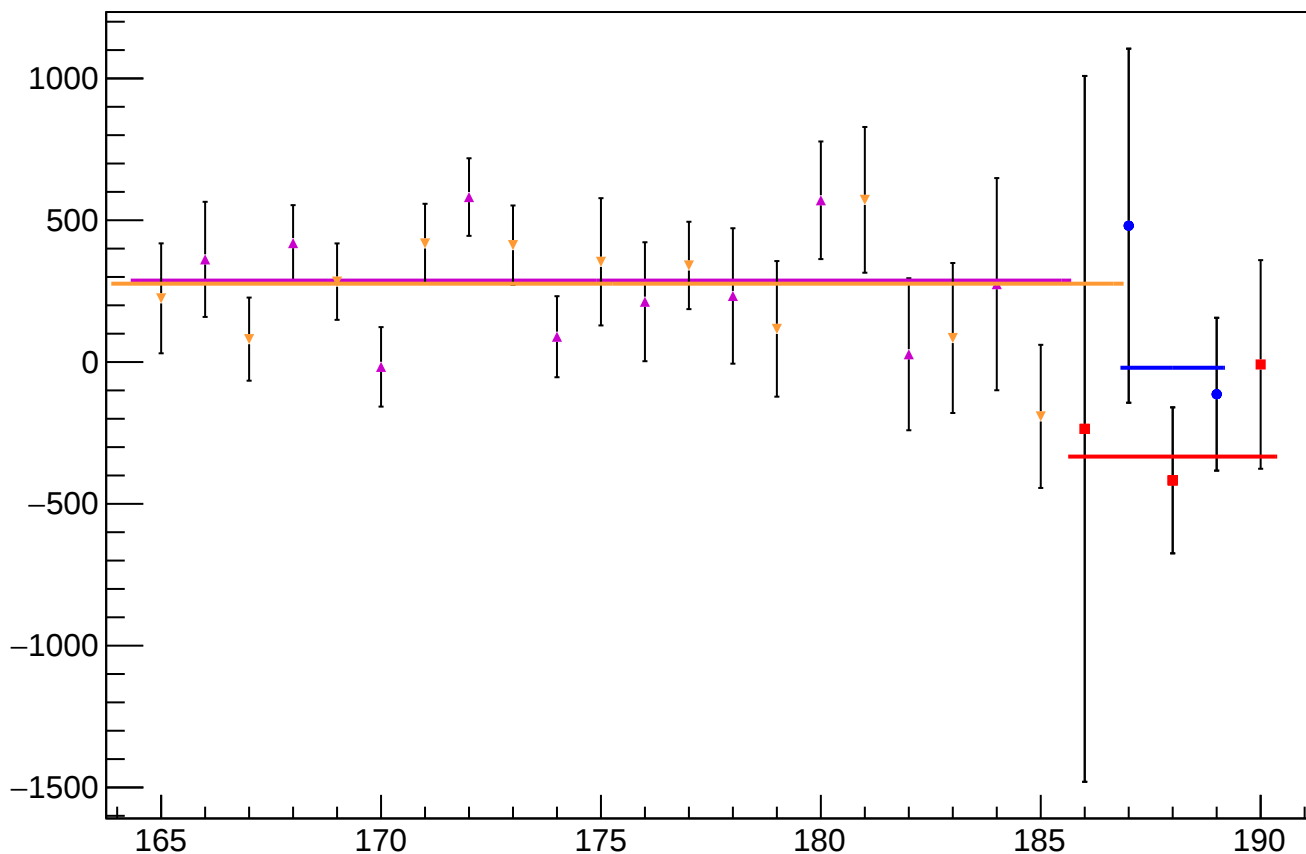
Right: 925.912 $\pm$ 0.377 χ^2/NDF : 378852.2/8

In: 223.338 $\pm$ 0.057 χ^2/NDF : 1418376.7/13

Out: 224.674 $\pm$ 0.055 χ^2/NDF : 2878287.9/15

All: 224.030 $\pm$ 0.040 χ^2/NDF : 4296948.1/29

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -20.081 ± 174.923 $\chi^2/\text{NDF}: 1.5/3$

Left Out: 276.310 ± 53.049 $\chi^2/\text{NDF}: 9.9/10$

Right Out: -333.353 ± 160.403 $\chi^2/\text{NDF}: 1.0/4$

Left In: 287.199 ± 56.075 $\chi^2/\text{NDF}: 15.4/9$

Left: 281.453 ± 38.537 $\chi^2/\text{NDF}: 25.2/20$

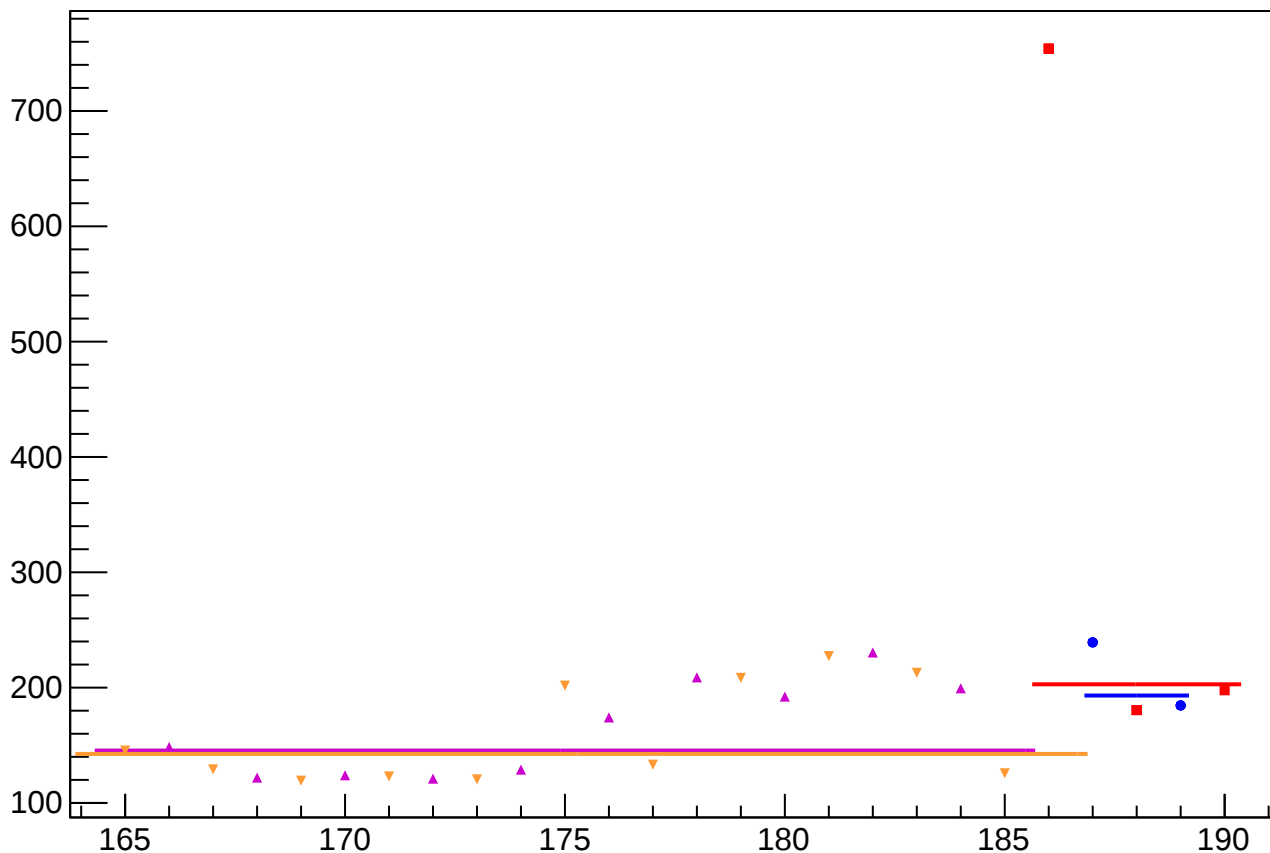
Right: -190.257 ± 118.222 $\chi^2/\text{NDF}: 4.3/8$

In: 258.564 ± 53.398 $\chi^2/\text{NDF}: 19.7/13$

Out: 216.201 ± 50.366 $\chi^2/\text{NDF}: 23.9/15$

All: 236.146 ± 36.639 $\chi^2/\text{NDF}: 43.9/29$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left: 143.890 $\pm$ 0.027 χ^2 /NDF: 1557718.1/20

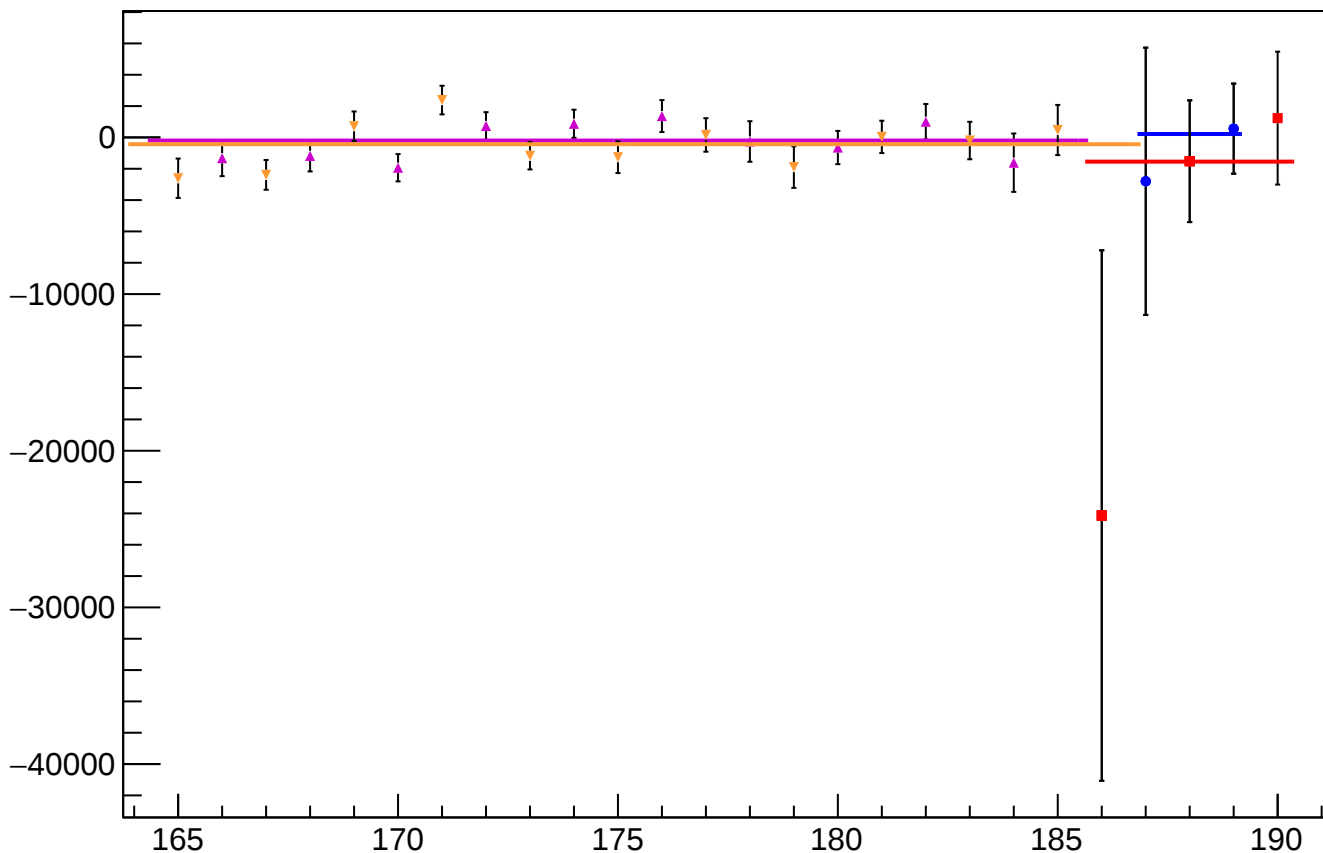
Right: 198.430 $\pm$ 0.084 χ^2 /NDF: 844331.4/8

In: 149.861 $\pm$ 0.038 χ^2 /NDF: 883378.0/13

Out: 148.476 $\pm$ 0.036 χ^2 /NDF: 1902735.1/15

All: 149.128 $\pm$ 0.026 χ^2 /NDF: 2786824.2/29

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 217.869 ± 1927.273 $\chi^2/\text{NDF}: 0.3/3$

Left Out: -434.069 ± 318.879 $\chi^2/\text{NDF}: 21.7/10$

Right Out: -1545.023 ± 2264.405 $\chi^2/\text{NDF}: 4.0/4$

Left In: -199.085 ± 330.698 $\chi^2/\text{NDF}: 12.7/9$

Left: -320.851 ± 229.546 $\chi^2/\text{NDF}: 34.7/20$

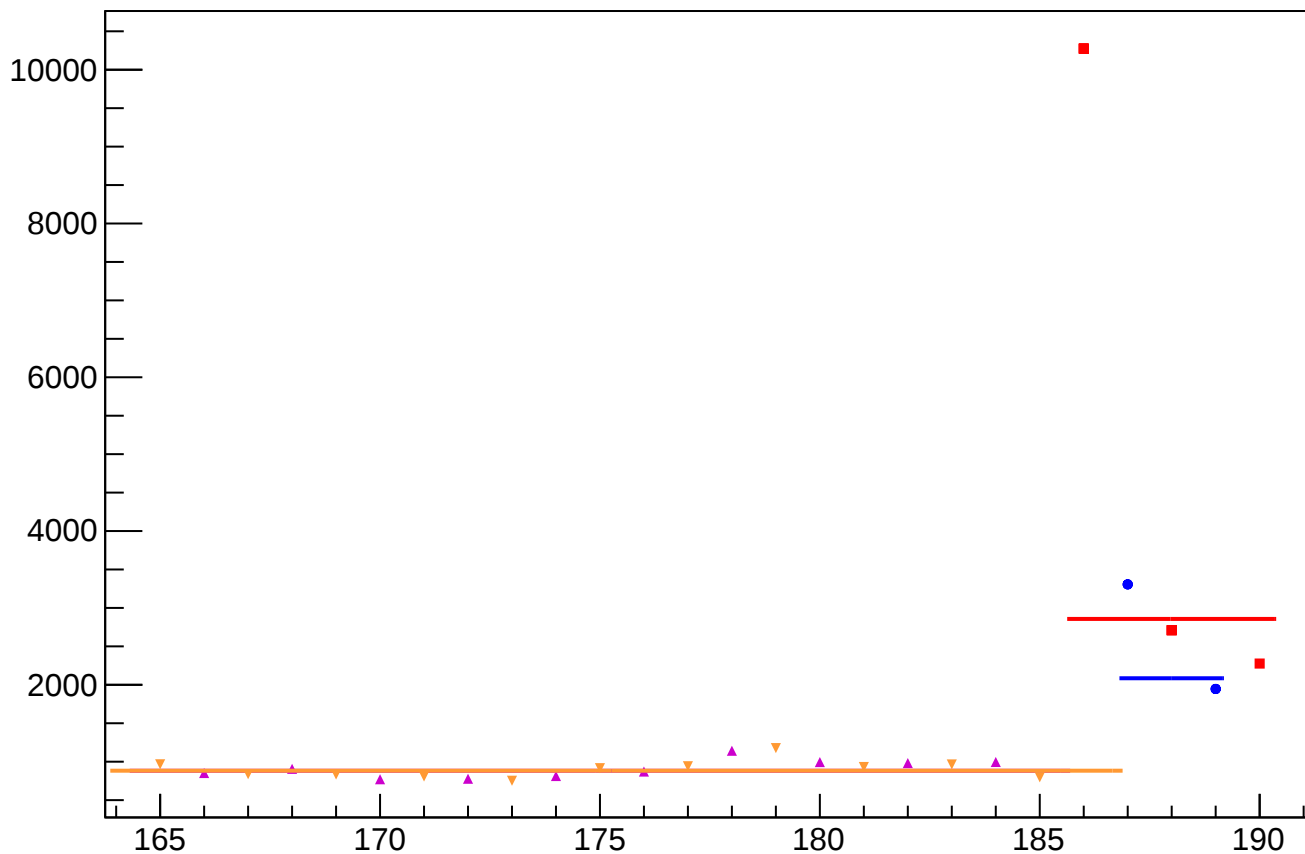
Right: -522.701 ± 1467.656 $\chi^2/\text{NDF}: 4.6/8$

In: -187.160 ± 325.935 $\chi^2/\text{NDF}: 13.0/13$

Out: -455.671 ± 315.763 $\chi^2/\text{NDF}: 26.0/15$

All: -325.671 ± 226.789 $\chi^2/\text{NDF}: 39.3/29$

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2085.185 $\pm$ 1.363 χ^2/NDF : 91318.9/3

Left Out: 882.894 $\pm$ 0.225 χ^2/NDF : 202592.7/10

Right Out: 2856.884 $\pm$ 1.601 χ^2/NDF : 810992.3/4

Left In: 881.511 $\pm$ 0.234 χ^2/NDF : 201001.5/9

Left: 882.228 $\pm$ 0.162 χ^2/NDF : 403612.3/20

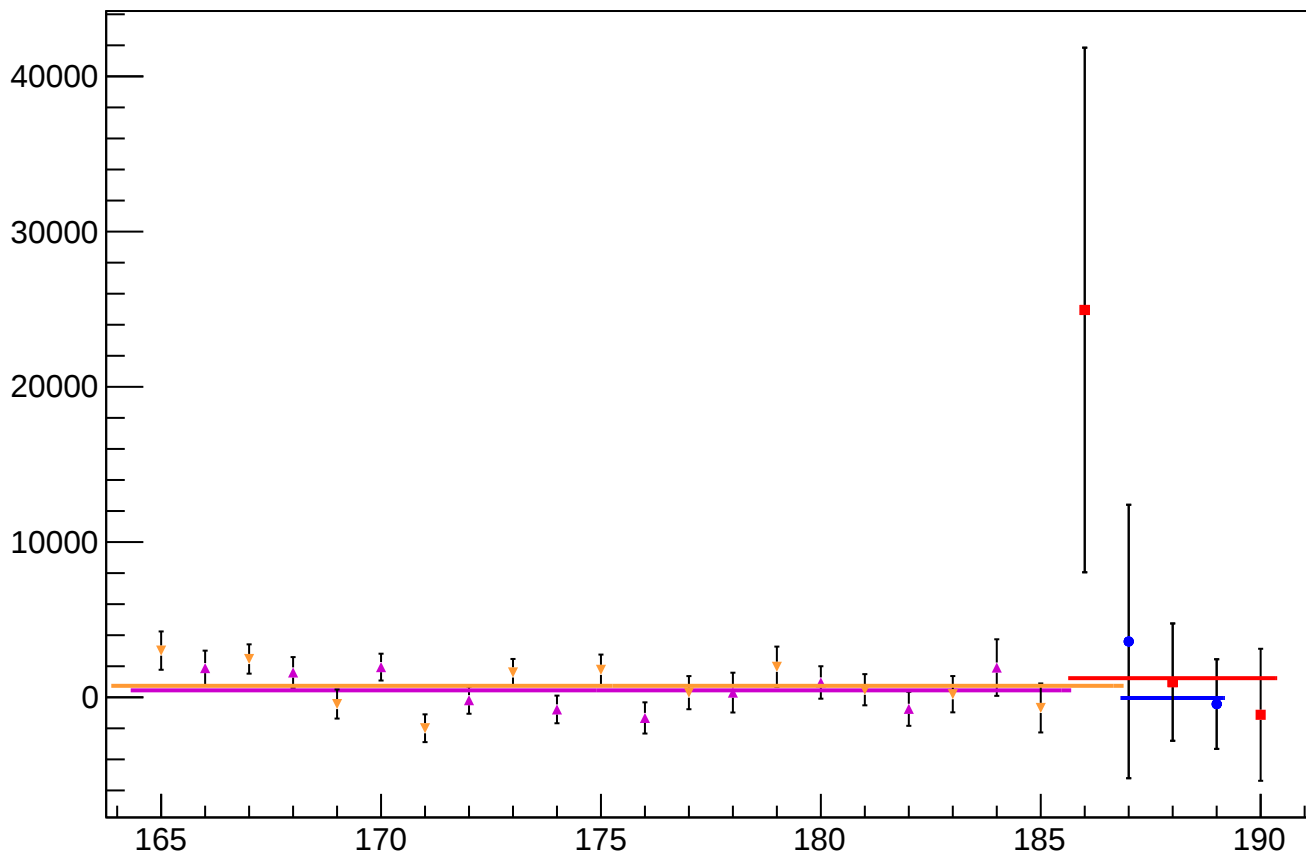
Right: 2409.367 $\pm$ 1.038 χ^2/NDF : 1037014.7/8

In: 915.937 $\pm$ 0.230 χ^2/NDF : 1050128.5/13

Out: 921.279 $\pm$ 0.223 χ^2/NDF : 2503918.7/15

All: 918.693 $\pm$ 0.160 χ^2/NDF : 3554324.3/29

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -45.183 ± 1940.024 $\chi^2/\text{NDF}: 0.4/3$

Left Out: 739.511 ± 314.291 $\chi^2/\text{NDF}: 21.9/10$

Right Out: 1232.427 ± 2222.931 $\chi^2/\text{NDF}: 4.3/4$

Left In: 447.791 ± 326.656 $\chi^2/\text{NDF}: 13.6/9$

Left: 599.277 ± 226.482 $\chi^2/\text{NDF}: 35.9/20$

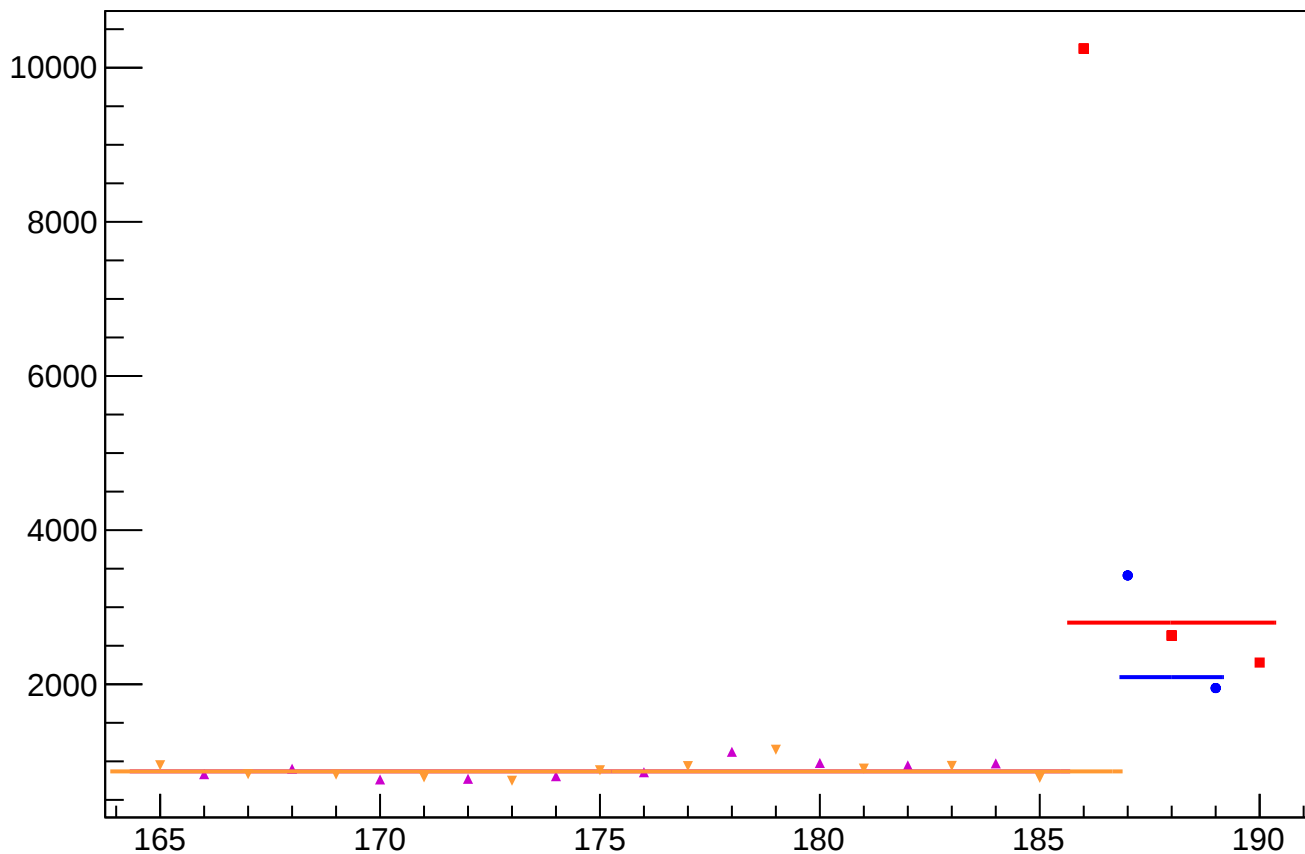
Right: 507.197 ± 1461.658 $\chi^2/\text{NDF}: 4.8/8$

In: 434.200 ± 322.122 $\chi^2/\text{NDF}: 14.1/13$

Out: 749.171 ± 311.196 $\chi^2/\text{NDF}: 26.2/15$

All: 597.118 ± 223.812 $\chi^2/\text{NDF}: 40.7/29$

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left: 869.848+/-0.160 χ^2/NDF : 372362.5/20

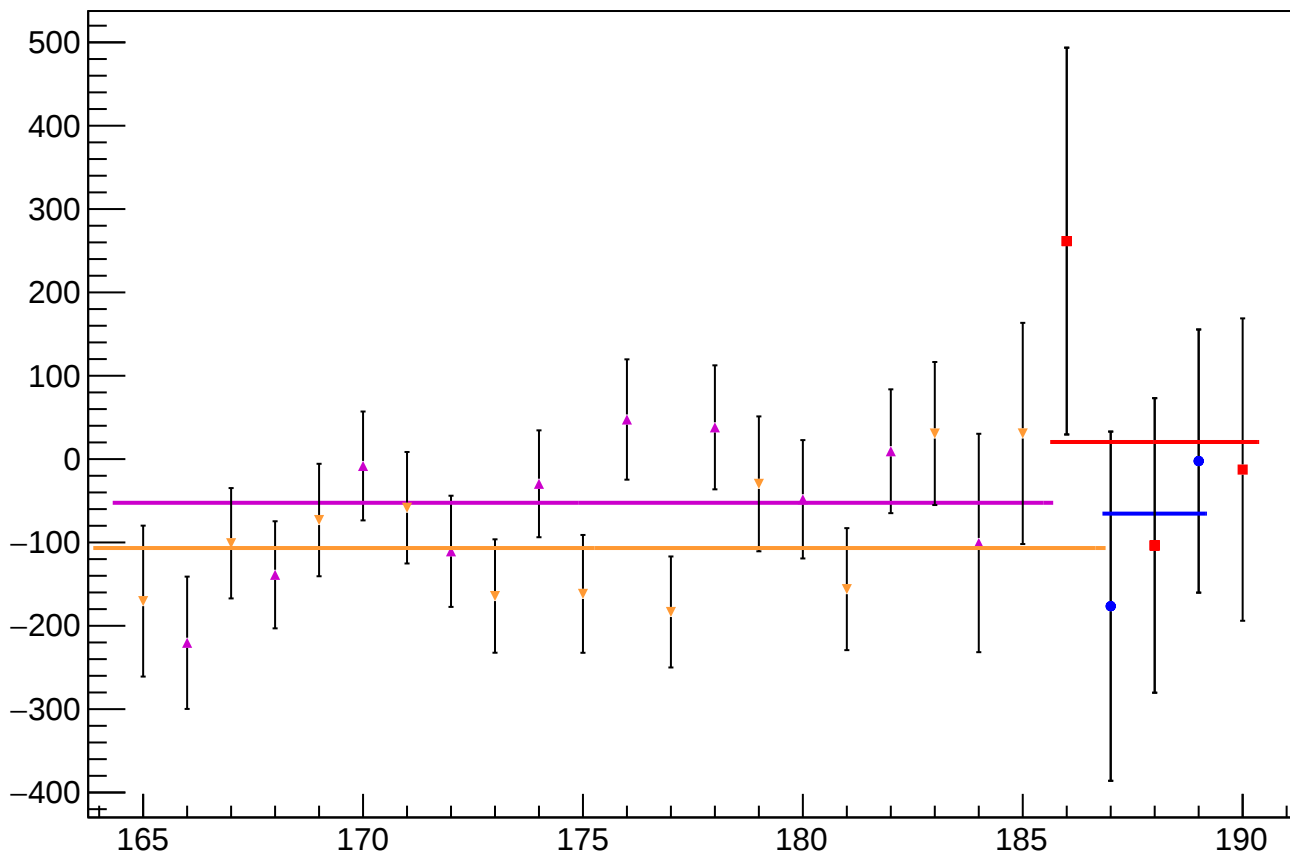
Right: 2398.509+/-1.034 χ^2/NDF : 1029084.9/8

In: 903.887+/-0.228 χ^2/NDF : 1056996.8/13

Out: 907.371+/-0.220 χ^2/NDF : 2480603.0/15

All: 905.689+/-0.158 χ^2/NDF : 3537720.8/29

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left: -79.930 ± 16.052 χ^2/NDF : 23.6/20

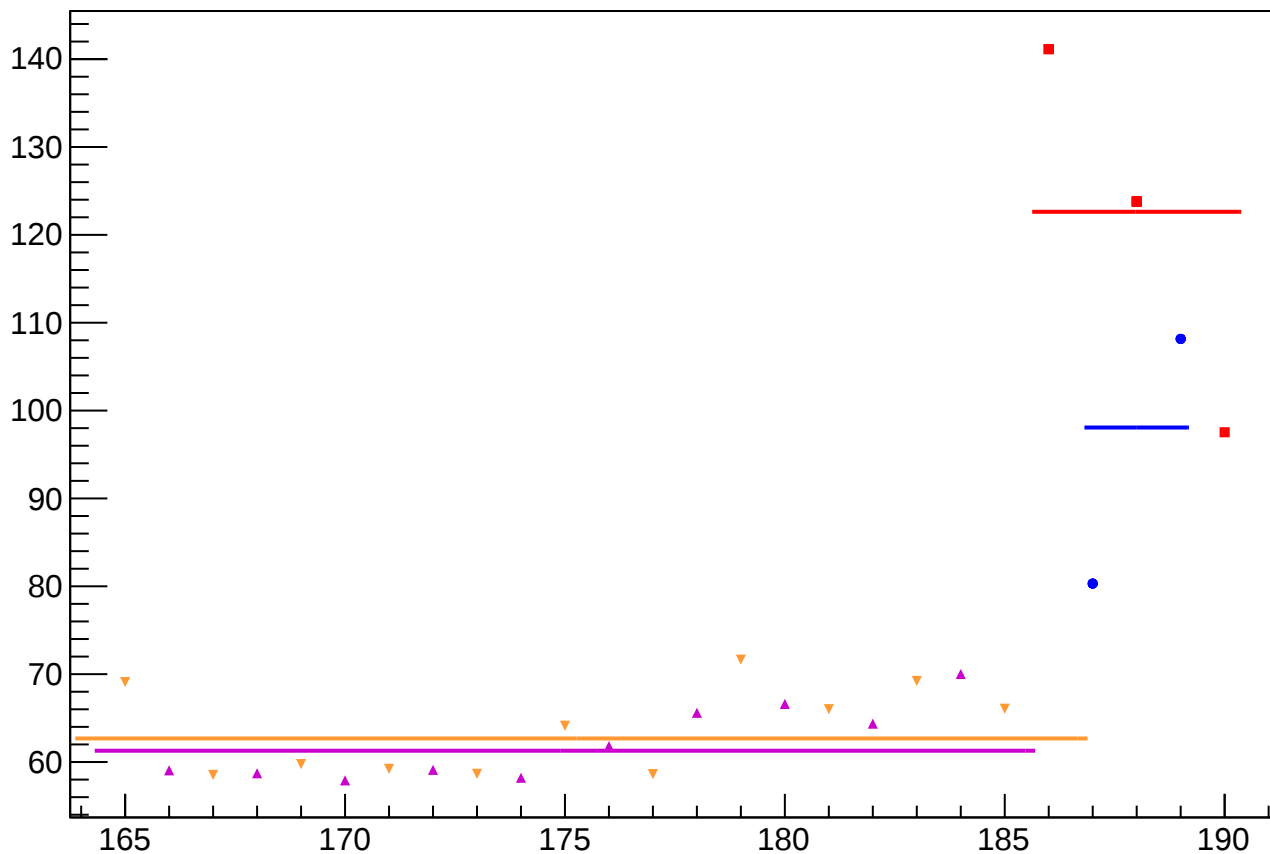
Right: -21.485 ± 62.329 χ^2/NDF : 4.5/8

In: -53.224 ± 22.142 χ^2/NDF : 12.8/13

Out: -98.717 ± 21.829 χ^2/NDF : 14.1/15

All: -76.294 ± 15.545 χ^2/NDF : 29.0/29

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left: 61.993+/-0.011 χ^2/NDF : 134967.9/20

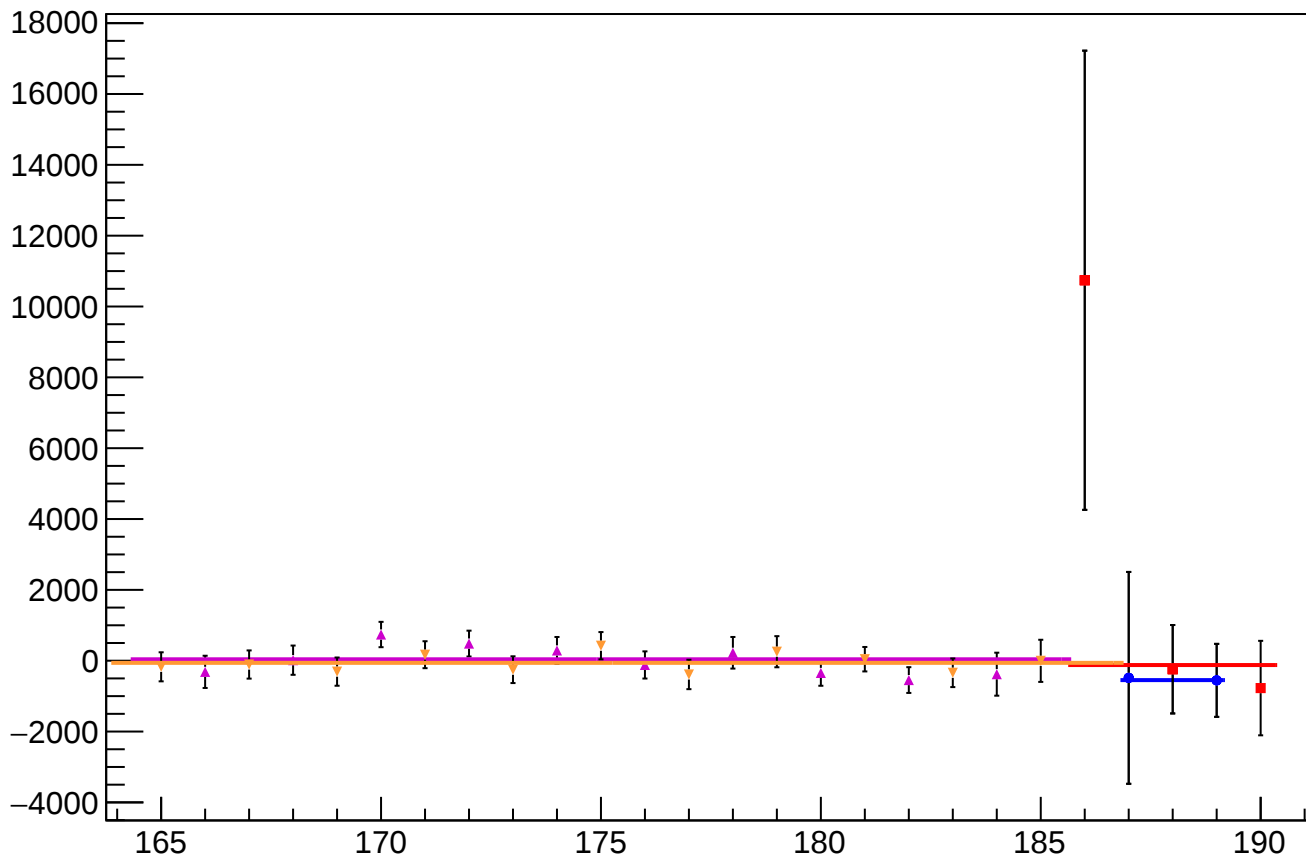
Right: 110.624+/-0.044 χ^2/NDF : 186543.4/8

In: 63.555+/-0.016 χ^2/NDF : 411904.9/13

Out: 66.439+/-0.015 χ^2/NDF : 1034206.7/15

All: 65.018+/-0.011 χ^2/NDF : 1463321.6/29

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



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

Left: -12.087+/-87.637 χ^2/NDF : 15.6/20

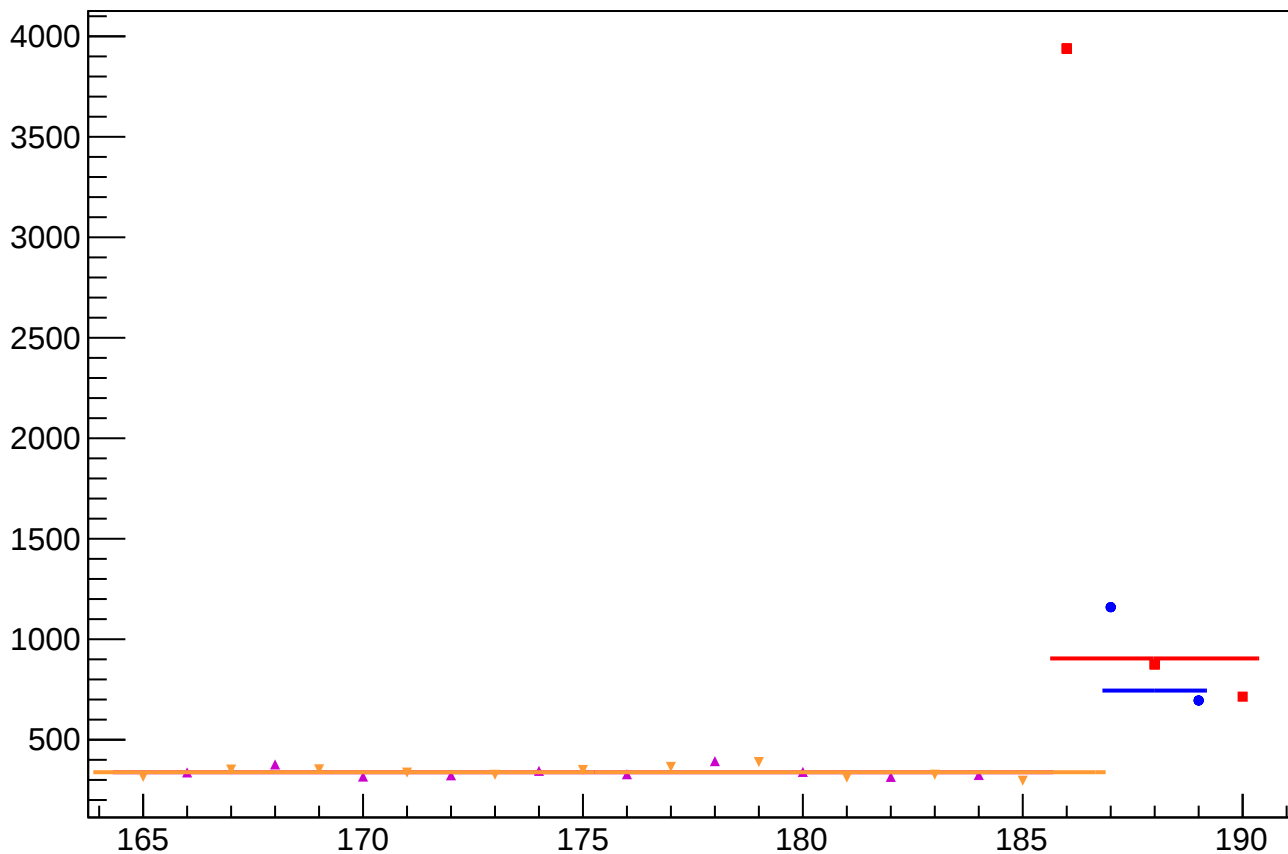
Right: -346.479+/-499.989 χ^2/NDF : 6.1/8

In: 20.861+/-124.262 χ^2/NDF : 11.6/13

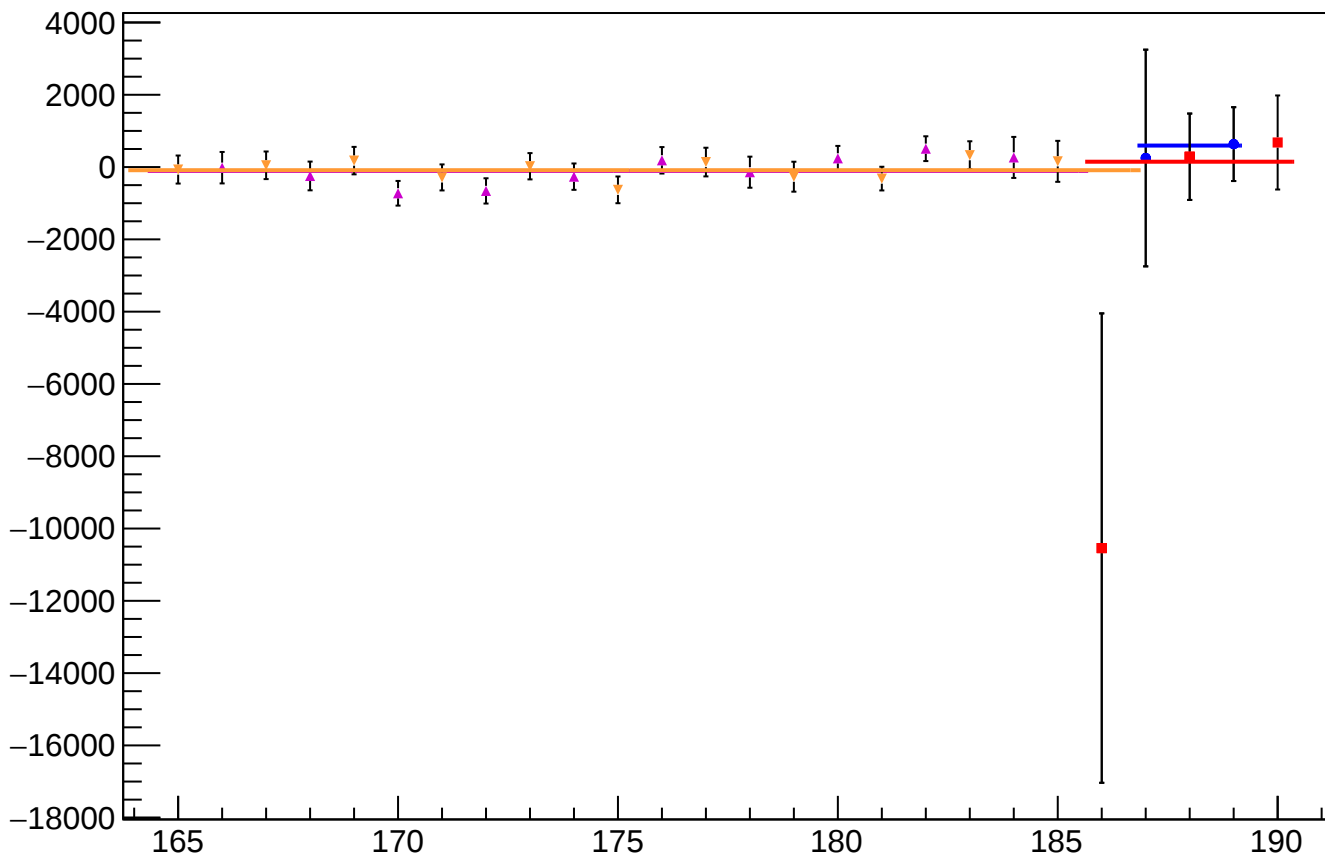
Out: -62.078+/-120.002 χ^2/NDF : 10.3/15

All: -22.054+/-86.321 χ^2/NDF : 22.1/29

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left: -97.054+/-83.555 χ^2/NDF : 17.0/20

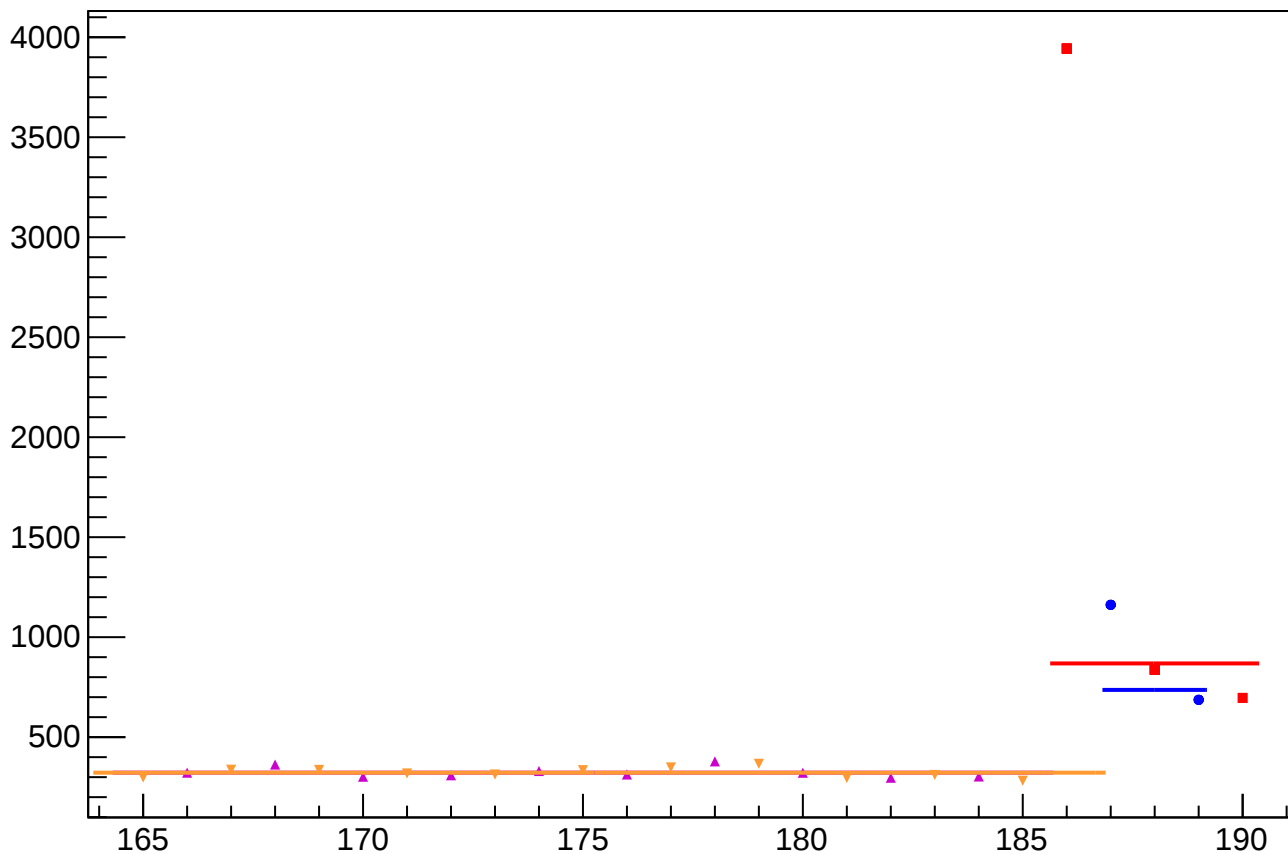
Right: 376.863+/-489.194 χ^2/NDF : 5.9/8

In: -86.710+/-118.677 χ^2/NDF : 12.5/13

Out: -80.749+/-114.397 χ^2/NDF : 11.3/15

All: -83.620+/-82.362 χ^2/NDF : 23.8/29

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left: 322.429 $\pm$ 0.059 χ^2/NDF : 154771.6/20

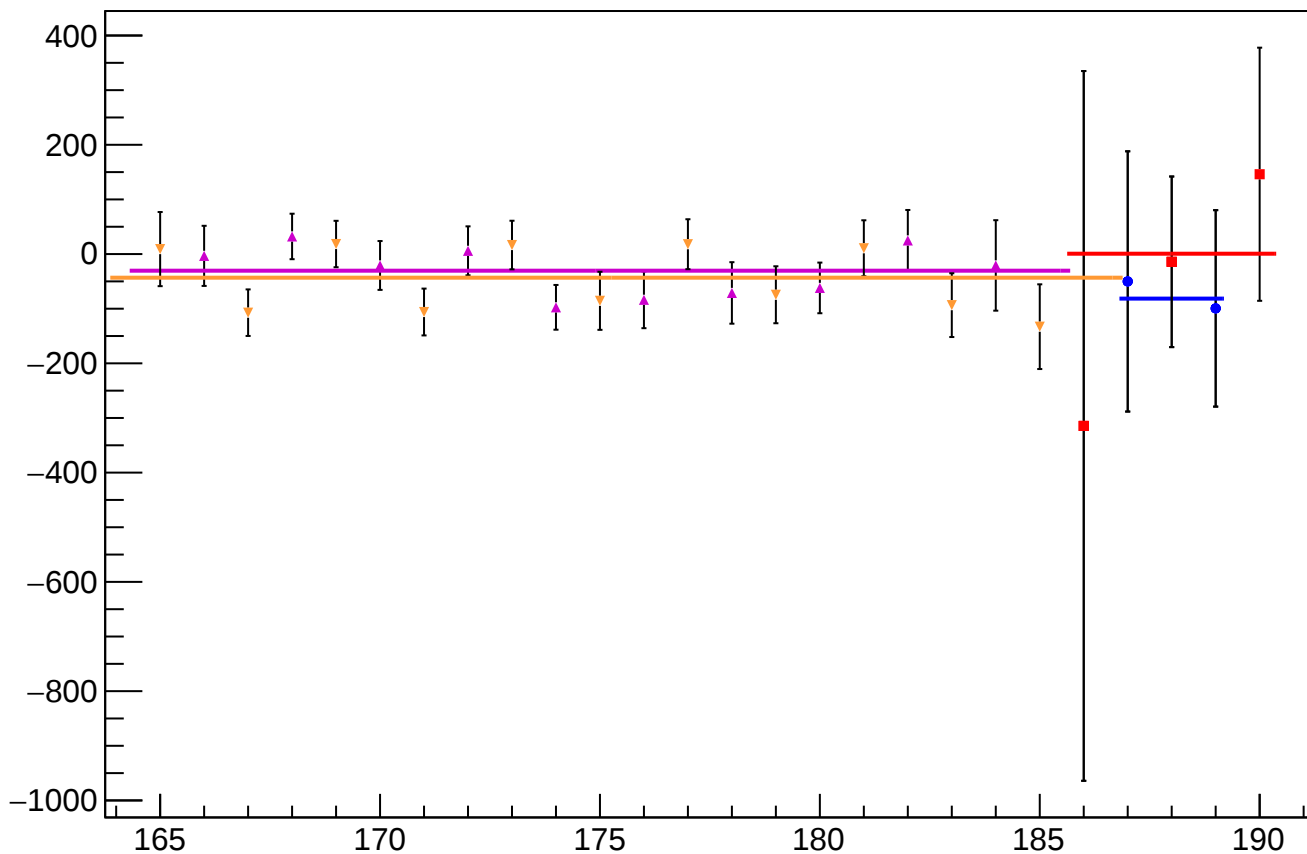
Right: 800.903 $\pm$ 0.346 χ^2/NDF : 1061289.4/8

In: 334.952 $\pm$ 0.084 χ^2/NDF : 881212.3/13

Out: 336.959 $\pm$ 0.081 χ^2/NDF : 2193621.2/15

All: 335.992 $\pm$ 0.058 χ^2/NDF : 3075129.7/29

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -81.524 ± 101.464 $\chi^2/\text{NDF}: 0.1/3$

Left Out: -43.235 ± 15.048 $\chi^2/\text{NDF}: 14.9/10$

Right Out: 0.647 ± 97.400 $\chi^2/\text{NDF}: 0.9/4$

Left In: -30.439 ± 15.576 $\chi^2/\text{NDF}: 8.9/9$

Left: -37.057 ± 10.822 $\chi^2/\text{NDF}: 24.2/20$

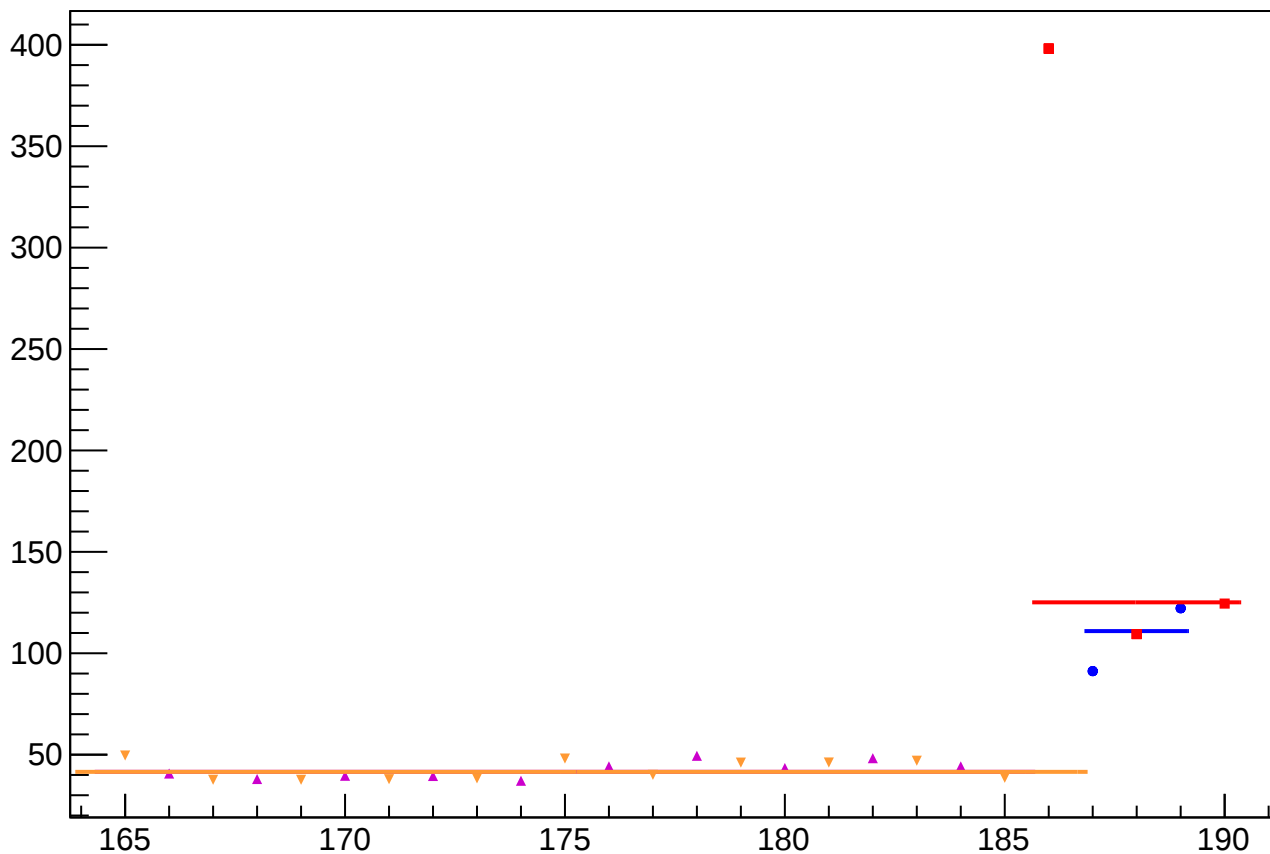
Right: -38.760 ± 70.265 $\chi^2/\text{NDF}: 1.3/8$

In: -31.615 ± 15.395 $\chi^2/\text{NDF}: 9.2/13$

Out: -42.212 ± 14.872 $\chi^2/\text{NDF}: 16.0/15$

All: -37.097 ± 10.696 $\chi^2/\text{NDF}: 25.5/29$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left: 41.537 $\pm$ 0.008 χ^2 /NDF: 296634.2/20

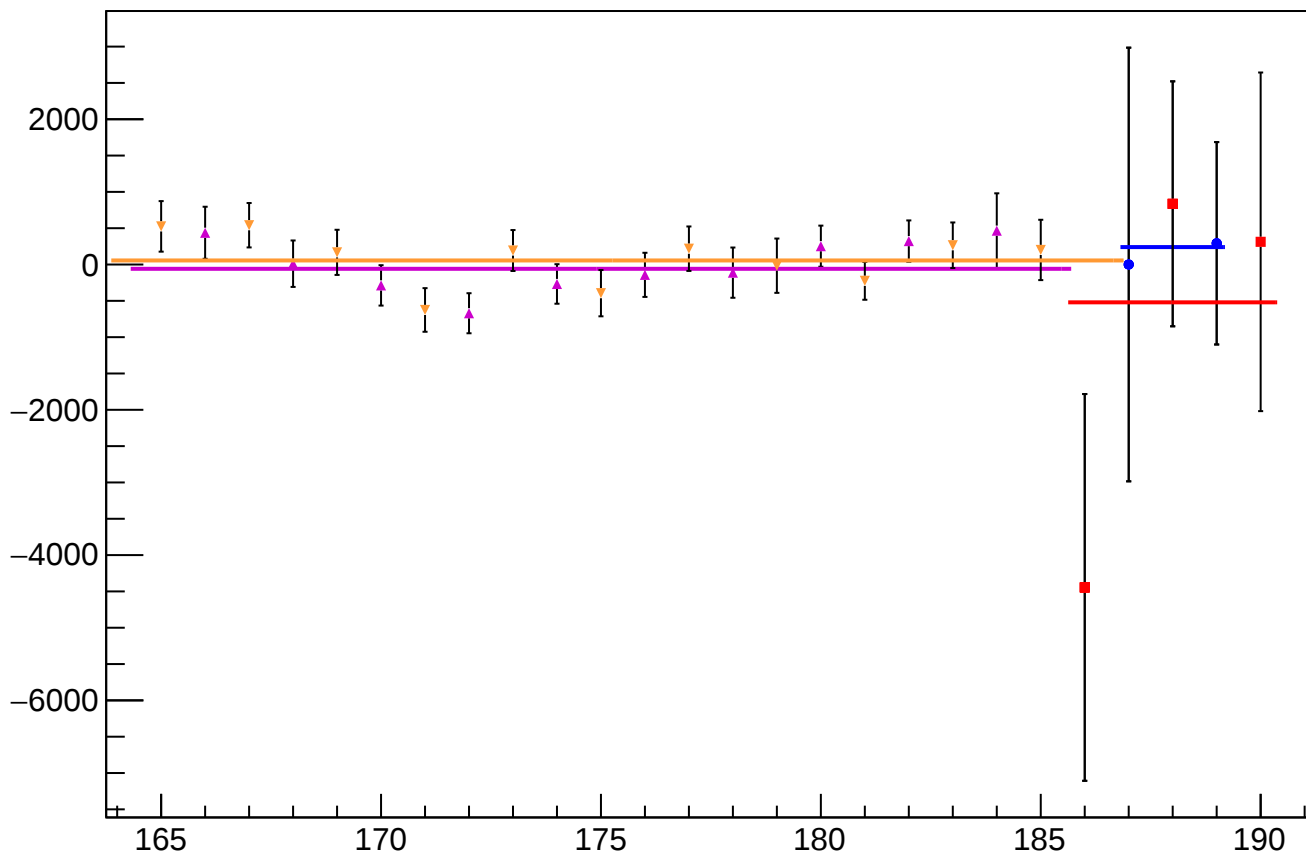
Right: 118.310 $\pm$ 0.050 χ^2 /NDF: 810420.3/8

In: 43.142 $\pm$ 0.011 χ^2 /NDF:1082353.7/13

Out: 43.479 $\pm$ 0.011 χ^2 /NDF:2356506.4/15

All: 43.316 $\pm$ 0.008 χ^2 /NDF: 3439354.7/29

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 240.106 ± 892.672 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 56.047 ± 94.765 $\chi^2/\text{NDF}: 13.9/10$

Right Out: -520.582 ± 924.567 $\chi^2/\text{NDF}: 5.8/4$

Left In: -59.062 ± 97.578 $\chi^2/\text{NDF}: 12.3/9$

Left: 0.175 ± 67.982 $\chi^2/\text{NDF}: 26.9/20$

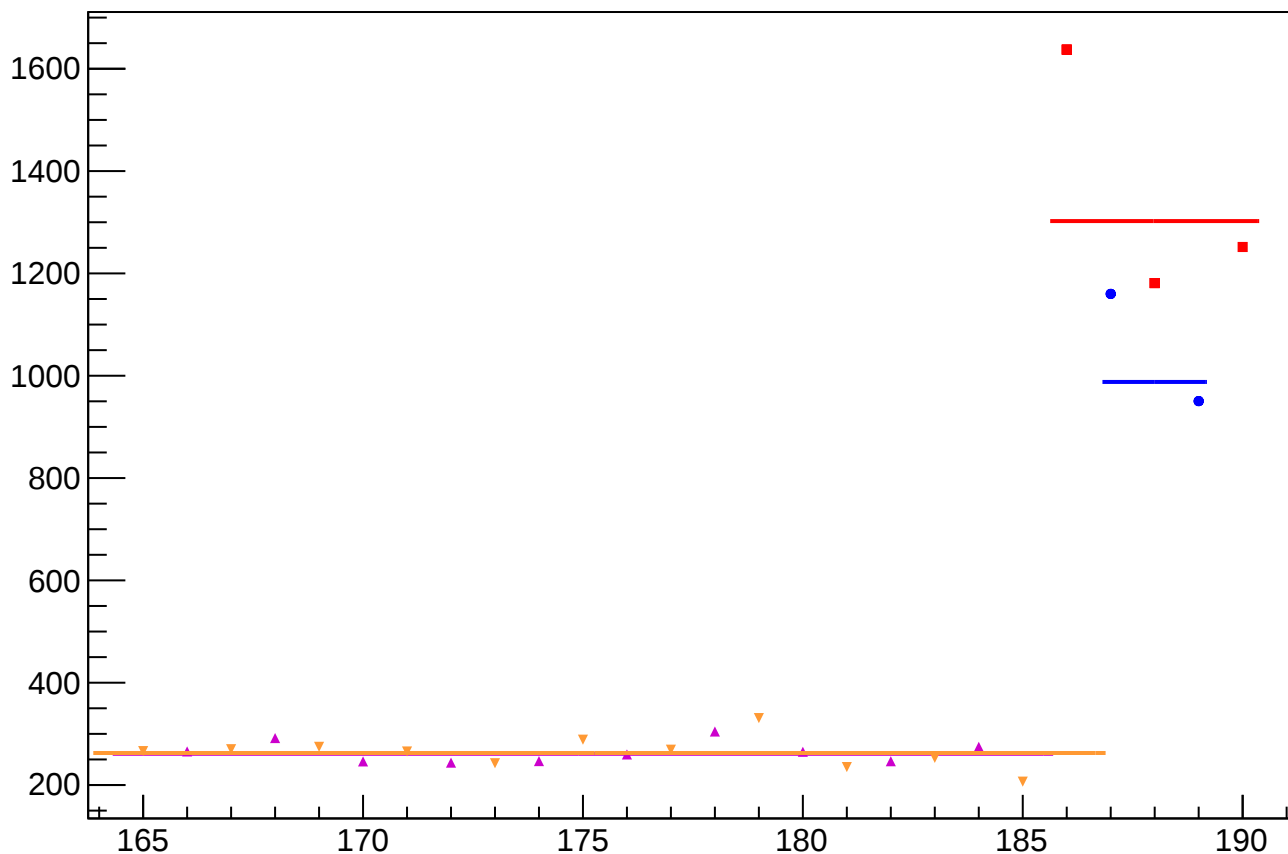
Right: -126.891 ± 642.194 $\chi^2/\text{NDF}: 6.1/8$

In: -55.529 ± 97.000 $\chi^2/\text{NDF}: 12.4/13$

Out: 50.052 ± 94.272 $\chi^2/\text{NDF}: 20.0/15$

All: -1.233 ± 67.604 $\chi^2/\text{NDF}: 33.1/29$

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



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

Left: 261.856 $\pm$ 0.048 χ^2/NDF : 233041.5/20

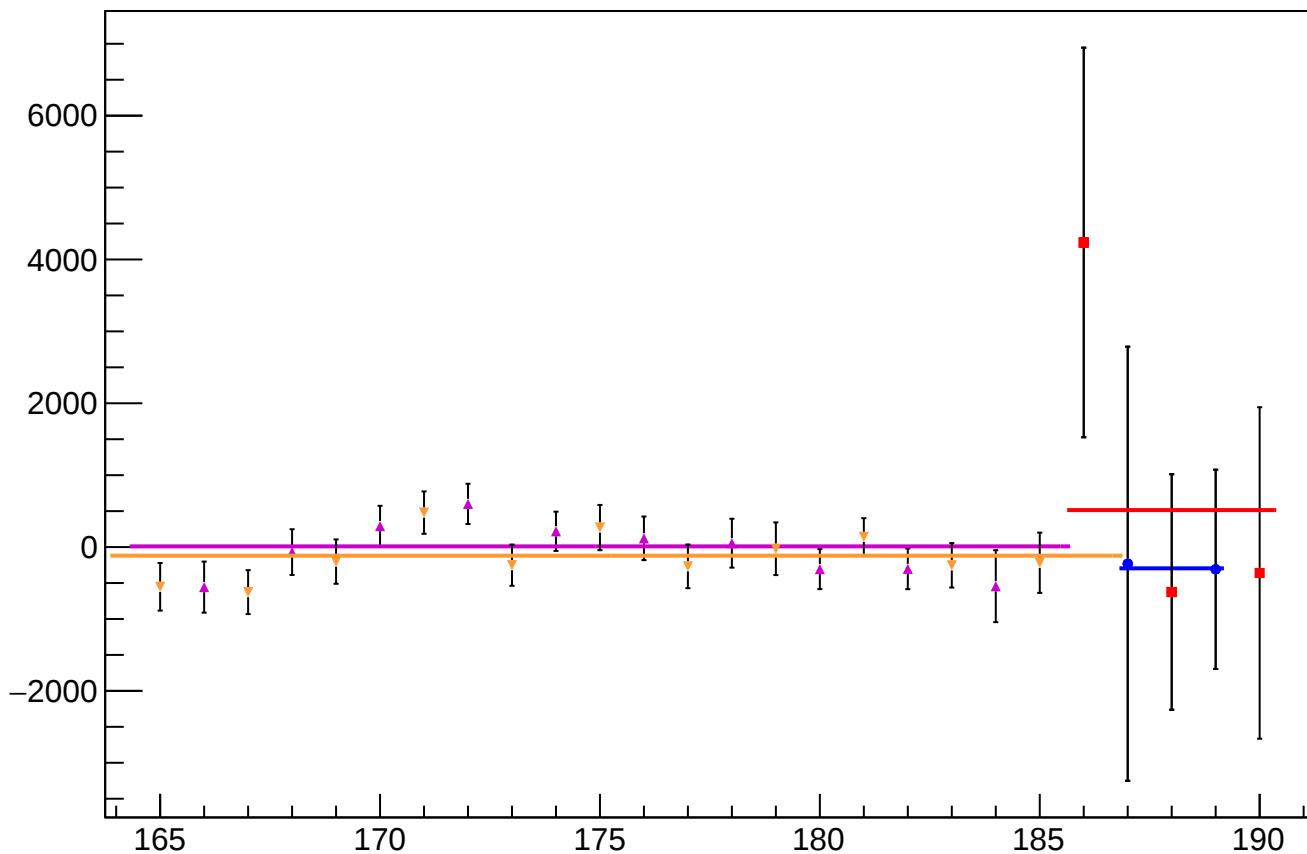
Right: 1139.560 $\pm$ 0.454 χ^2/NDF : 220895.2/8

In: 269.617 $\pm$ 0.069 χ^2/NDF : 1403173.2/13

Out: 273.439 $\pm$ 0.067 χ^2/NDF : 2743654.1/15

All: 271.582 $\pm$ 0.048 χ^2/NDF : 4148424.1/29

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -295.819 $\pm$ 890.615 χ^2/NDF : 0.0/3

Left Out: -119.541 $\pm$ 93.953 χ^2/NDF :12.0/10

Right Out: 514.552 $\pm$ 910.490 χ^2/NDF : 4.9/4

Left In: 9.828 $\pm$ 97.333 χ^2/NDF :12.5/9

Left: -57.142 $\pm$ 67.598 χ^2/NDF : 25.4/20

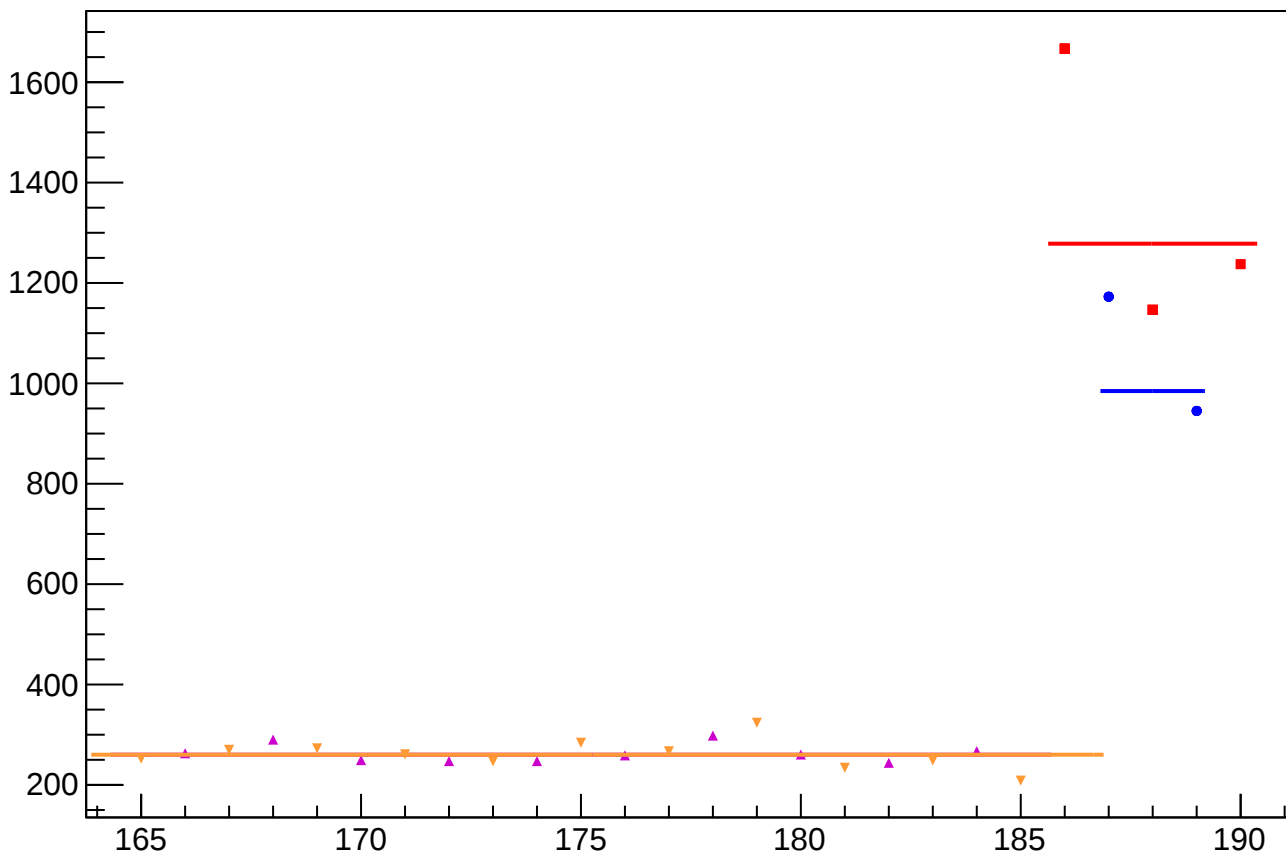
Right: 100.426 $\pm$ 636.671 χ^2/NDF : 5.3/8

In: 6.221 $\pm$ 96.757 χ^2/NDF :12.7/13

Out: -112.860 $\pm$ 93.456 χ^2/NDF :17.3/15

All: -55.385 $\pm$ 67.220 χ^2/NDF : 30.8/29

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 984.711 $\pm$ 0.630 χ^2/NDF : 18769.9/3

Left Out: 260.176 $\pm$ 0.066 χ^2/NDF :136798.2/10

Right Out: 1278.285 $\pm$ 0.644 χ^2/NDF : 108779.5/4

Left In: 260.204 $\pm$ 0.069 χ^2/NDF :61353.2/9

Left: 260.190 $\pm$ 0.048 χ^2/NDF : 198151.5/20

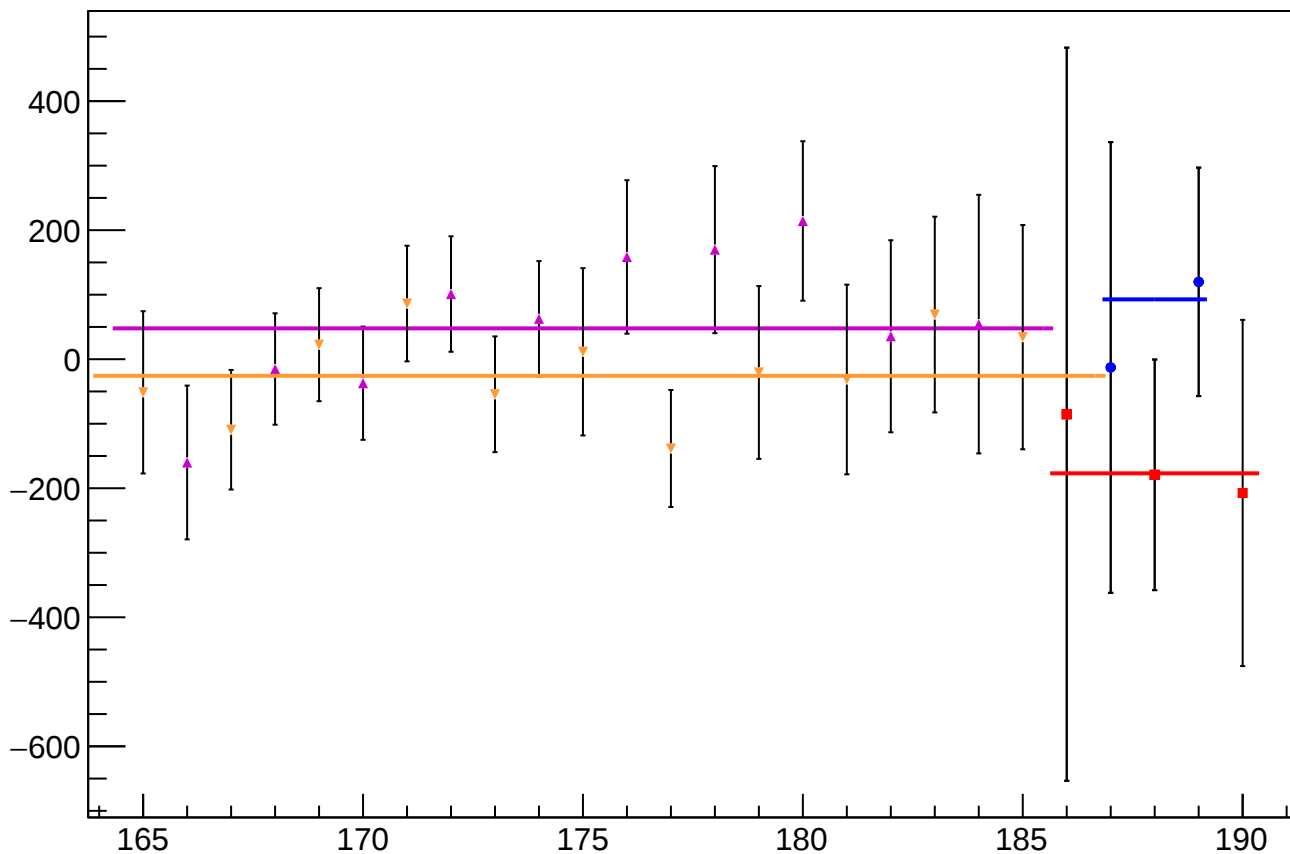
Right: 1128.259 $\pm$ 0.450 χ^2/NDF : 233808.2/8

In: 268.756 $\pm$ 0.068 χ^2/NDF :1388032.3/13

Out: 270.903 $\pm$ 0.066 χ^2/NDF :2719968.9/15

All: 269.867 $\pm$ 0.048 χ^2/NDF : 4108510.8/29

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 92.743 ± 111.659 $\chi^2/\text{NDF}: 0.2/3$

Left Out: -25.772 ± 32.994 $\chi^2/\text{NDF}: 5.0/10$

Right Out: -176.897 ± 109.957 $\chi^2/\text{NDF}: 0.1/4$

Left In: 47.775 ± 34.303 $\chi^2/\text{NDF}: 8.5/9$

Left: 9.571 ± 23.780 $\chi^2/\text{NDF}: 15.8/20$

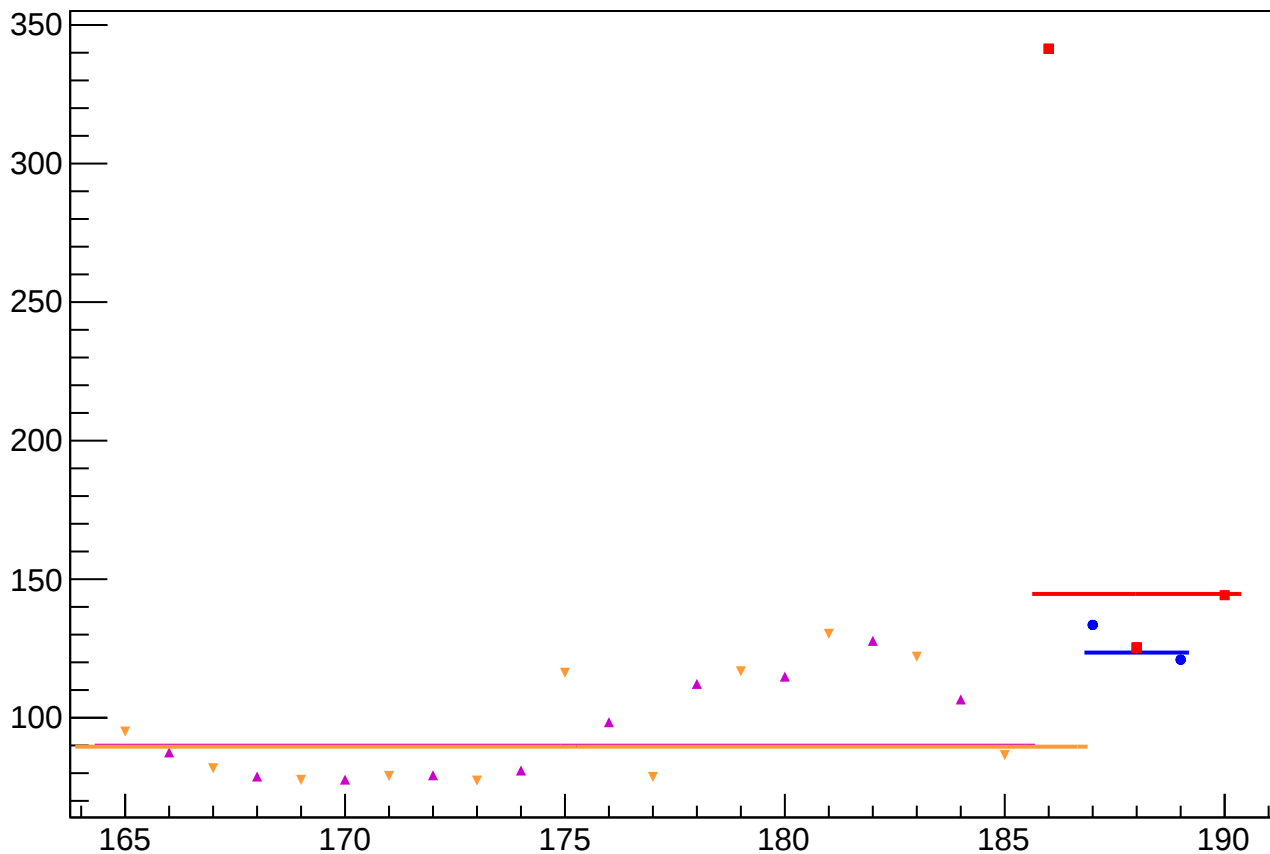
Right: -44.148 ± 78.346 $\chi^2/\text{NDF}: 3.3/8$

In: 51.653 ± 32.791 $\chi^2/\text{NDF}: 8.8/13$

Out: -38.254 ± 31.602 $\chi^2/\text{NDF}: 6.8/15$

All: 5.040 ± 22.755 $\chi^2/\text{NDF}: 19.5/29$

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left: 89.728 $\pm$ 0.017 χ^2 /NDF: 977655.4/20

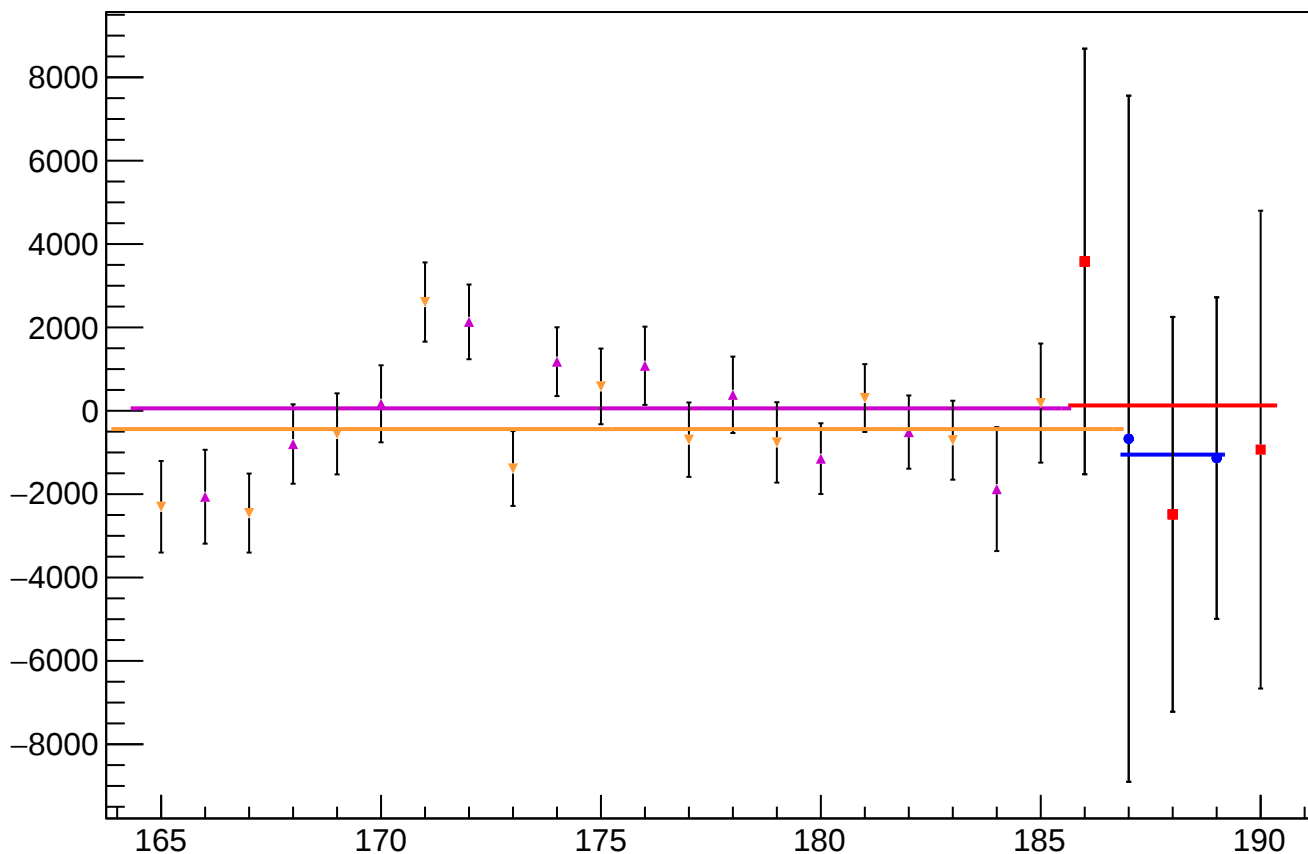
Right: 134.264 $\pm$ 0.055 χ^2 /NDF: 567194.0/8

In: 92.806 $\pm$ 0.023 χ^2 /NDF: 585112.6/13

Out: 94.116 $\pm$ 0.022 χ^2 /NDF: 1549838.7/15

All: 93.485 $\pm$ 0.016 χ^2 /NDF: 2136605.5/29

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -1051.335+/-2469.618 χ^2/NDF : 0.0/3

Left Out: -438.915+/-288.549 χ^2/NDF : 21.4/10

Right Out: 127.860+/-2256.657 χ^2/NDF : 1.6/4

Left In: 57.947+/-298.308 χ^2/NDF : 17.0/9

Left: -198.744+/-207.399 χ^2/NDF : 39.8/20

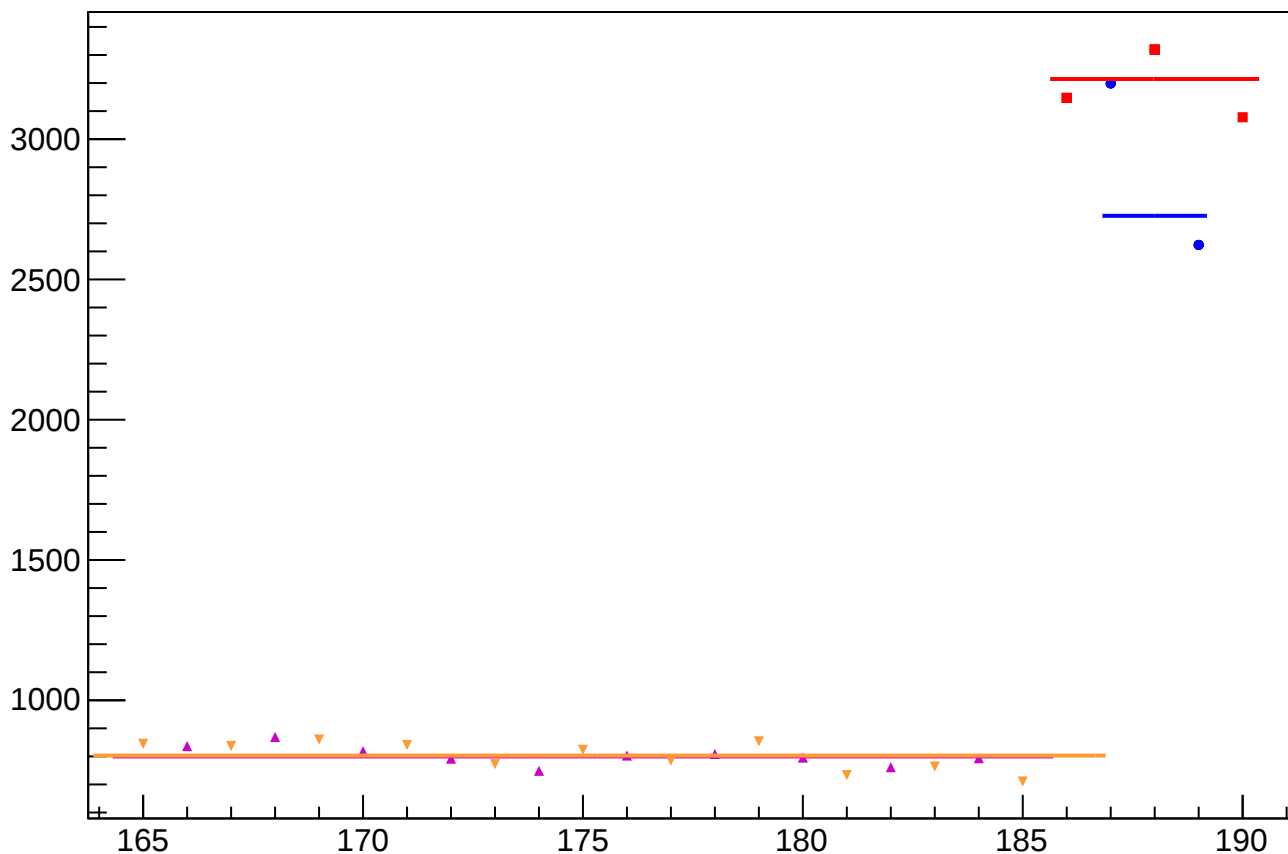
Right: -408.712+/-1665.908 χ^2/NDF : 1.7/8

In: 41.994+/-296.156 χ^2/NDF : 17.2/13

Out: -429.798+/-286.219 χ^2/NDF : 23.0/15

All: -201.949+/-205.811 χ^2/NDF : 41.5/29

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



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

Left: 801.424 $\pm$ 0.147 χ^2 /NDF: 77384.0/20

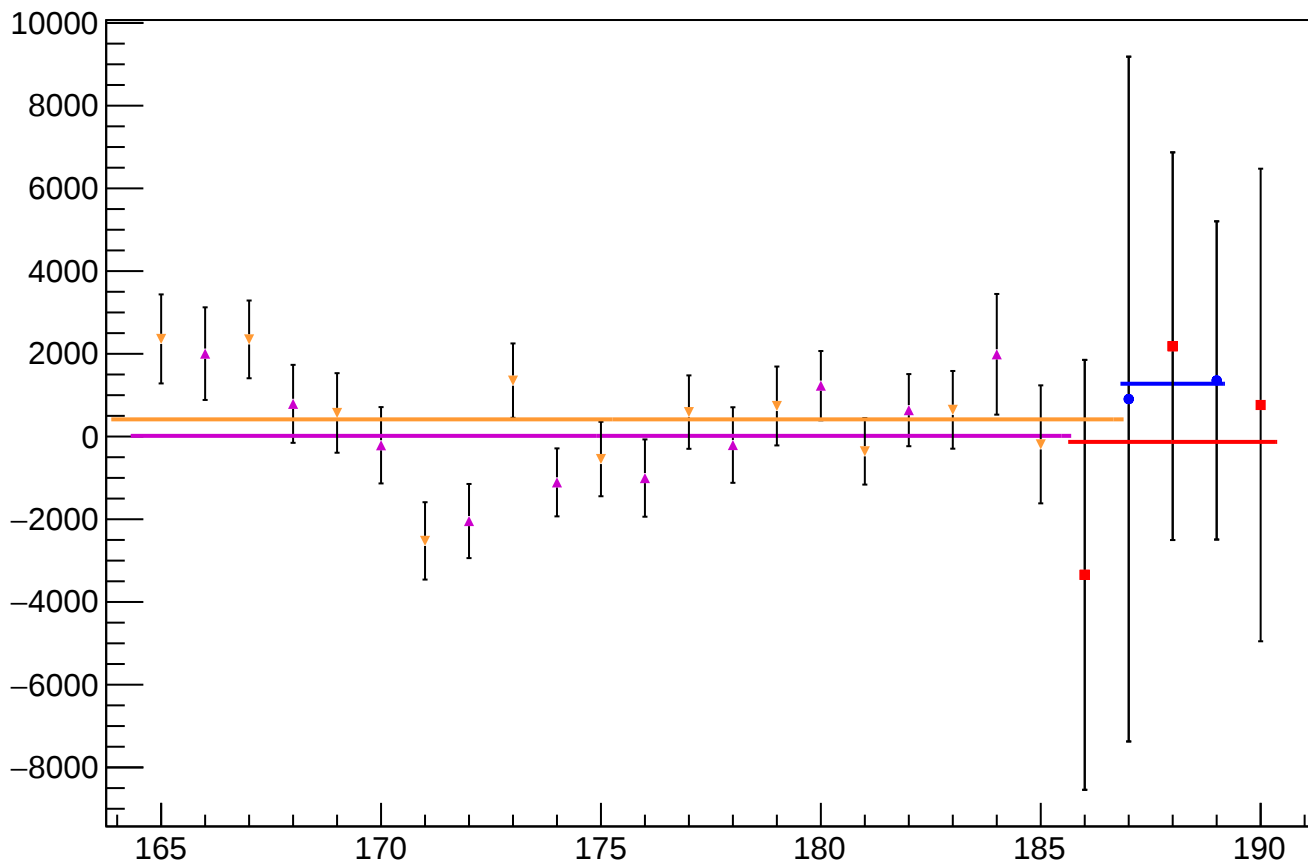
Right: 2992.587 $\pm$ 1.178 χ^2 /NDF: 62335.3/8

In: 827.505 $\pm$ 0.209 χ^2 /NDF: 1241728.5/13

Out: 841.745 $\pm$ 0.202 χ^2 /NDF: 2302800.1/15

All: 834.868 $\pm$ 0.146 χ^2 /NDF: 3546919.5/29

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1276.589+/-2466.937 χ^2/NDF : 0.0/3

Left Out: 415.262+/-285.988 χ^2/NDF : 20.9/10

Right Out: -129.523+/-2260.301 χ^2/NDF : 1.3/4

Left In: 16.424+/-296.478 χ^2/NDF : 16.7/9

Left: 223.023+/-205.833 χ^2/NDF : 38.6/20

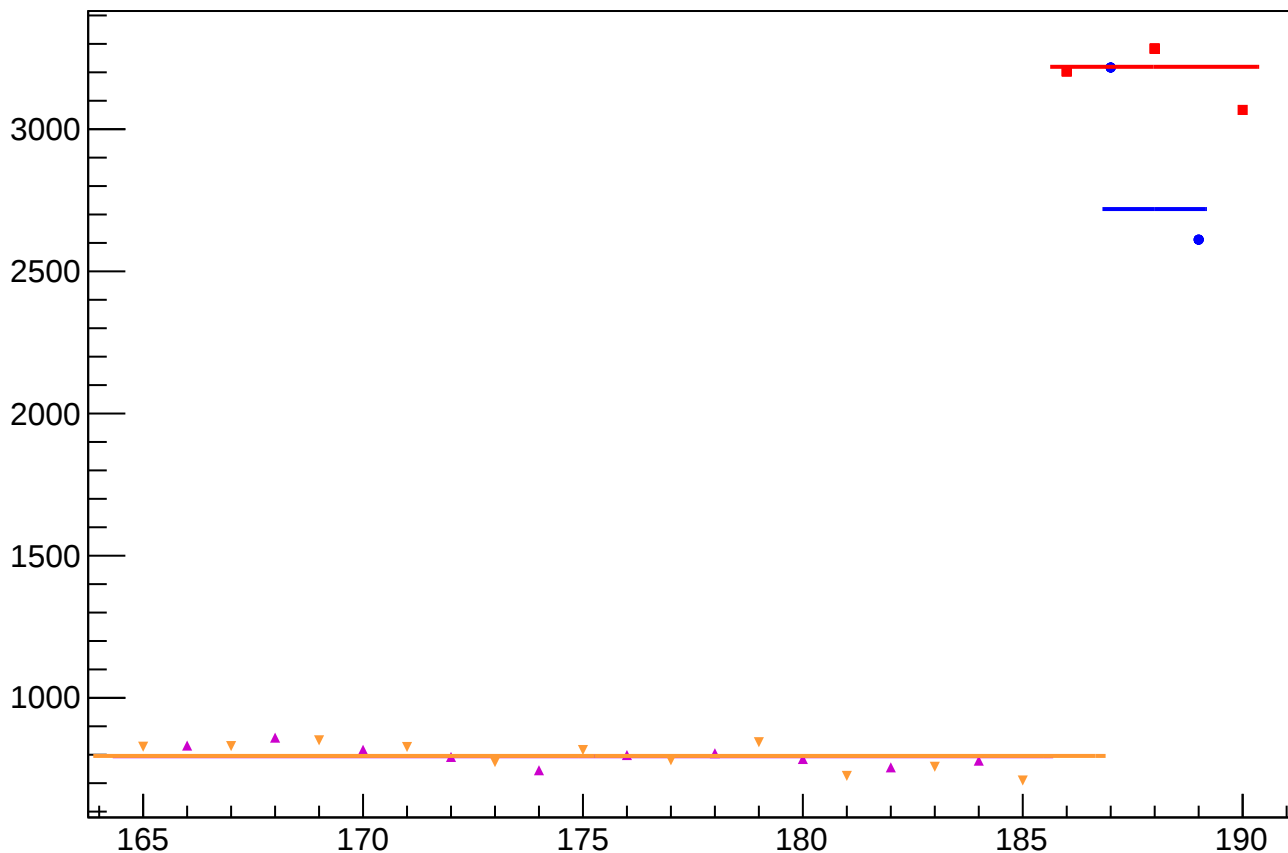
Right: 512.187+/-1666.546 χ^2/NDF : 1.5/8

In: 34.366+/-294.360 χ^2/NDF : 17.0/13

Out: 406.678+/-283.726 χ^2/NDF : 22.3/15

All: 227.368+/-204.281 χ^2/NDF : 40.1/29

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left: 795.263+/-0.146 χ^2/NDF : 72259.0/20

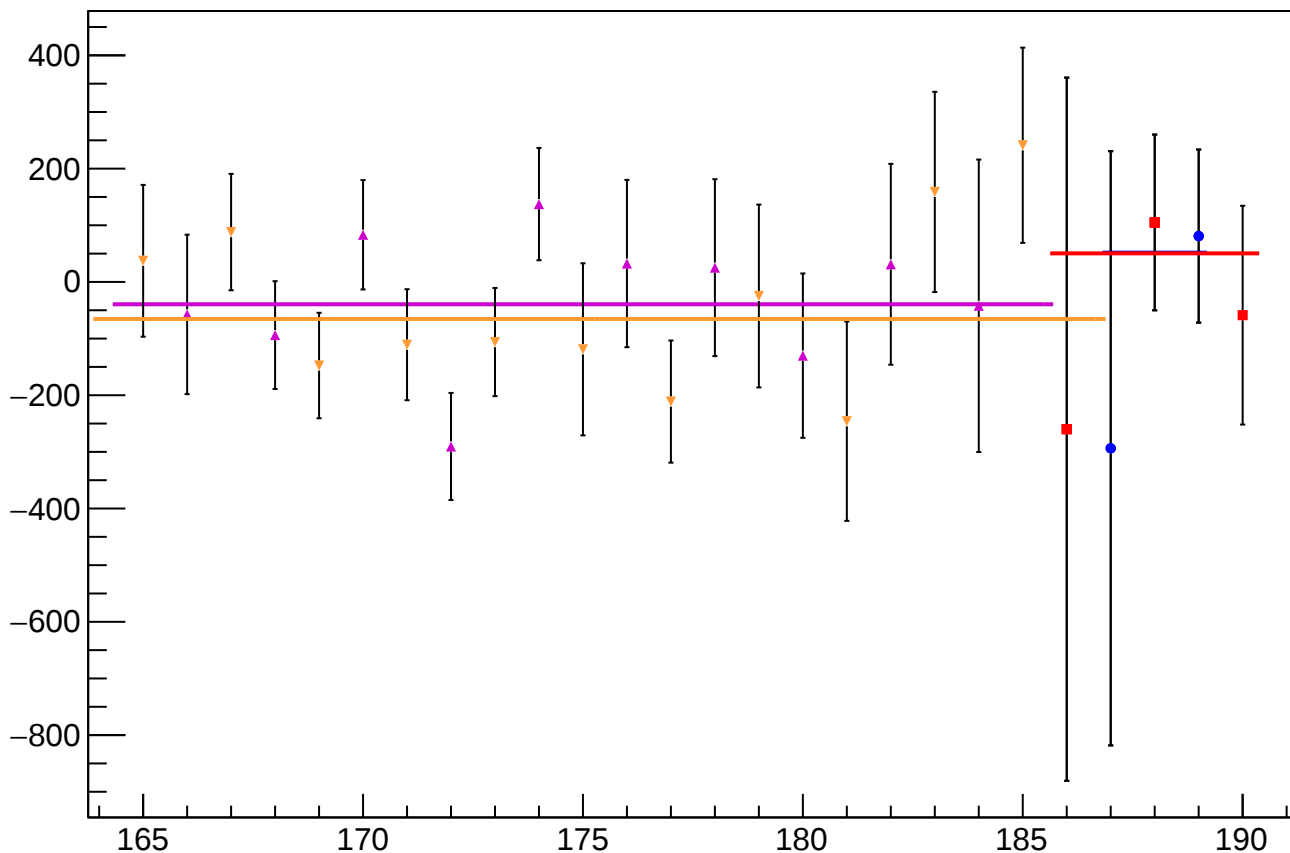
Right: 2991.093+/-1.178 χ^2/NDF : 64490.7/8

In: 822.089+/-0.208 χ^2/NDF : 1242463.8/13

Out: 833.985+/-0.201 χ^2/NDF : 2312527.7/15

All: 828.256+/-0.144 χ^2/NDF : 3556685.0/29

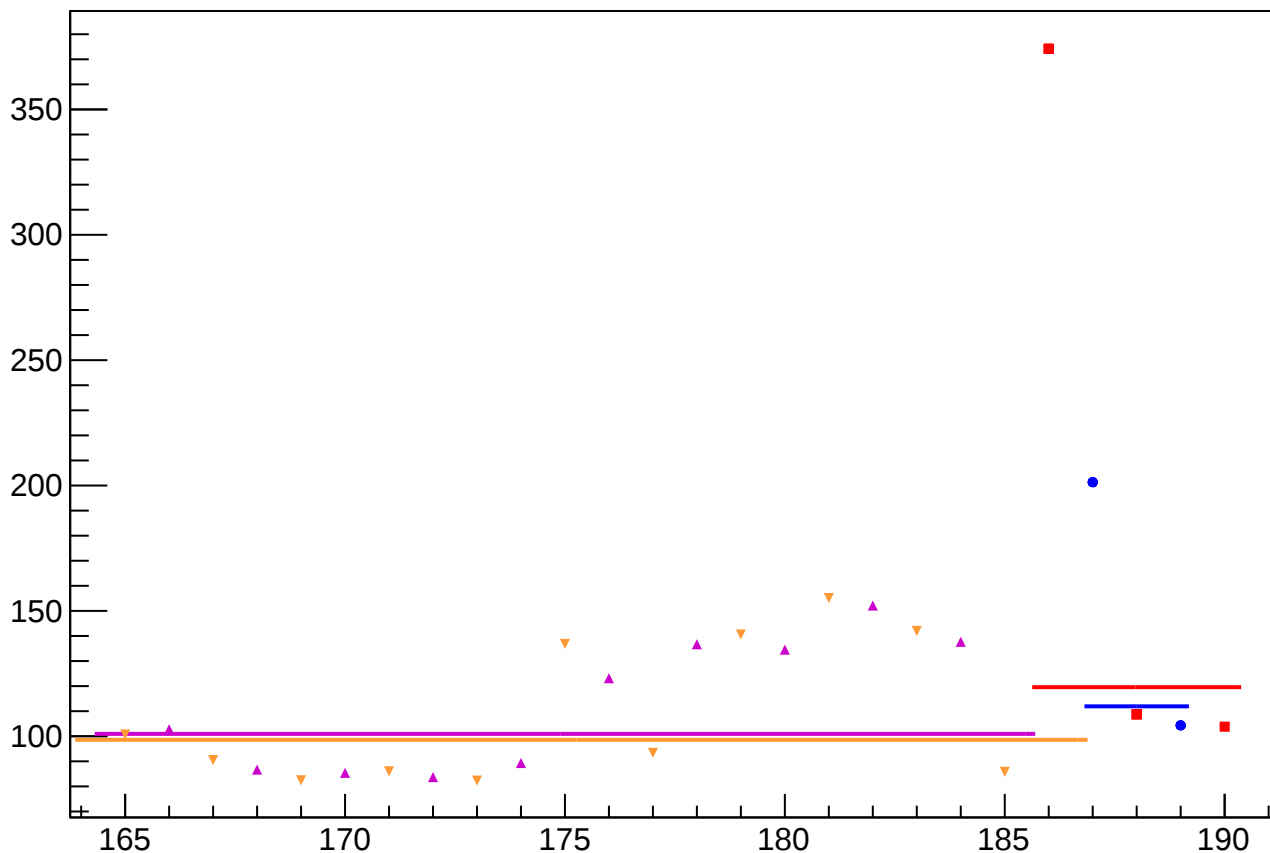
dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



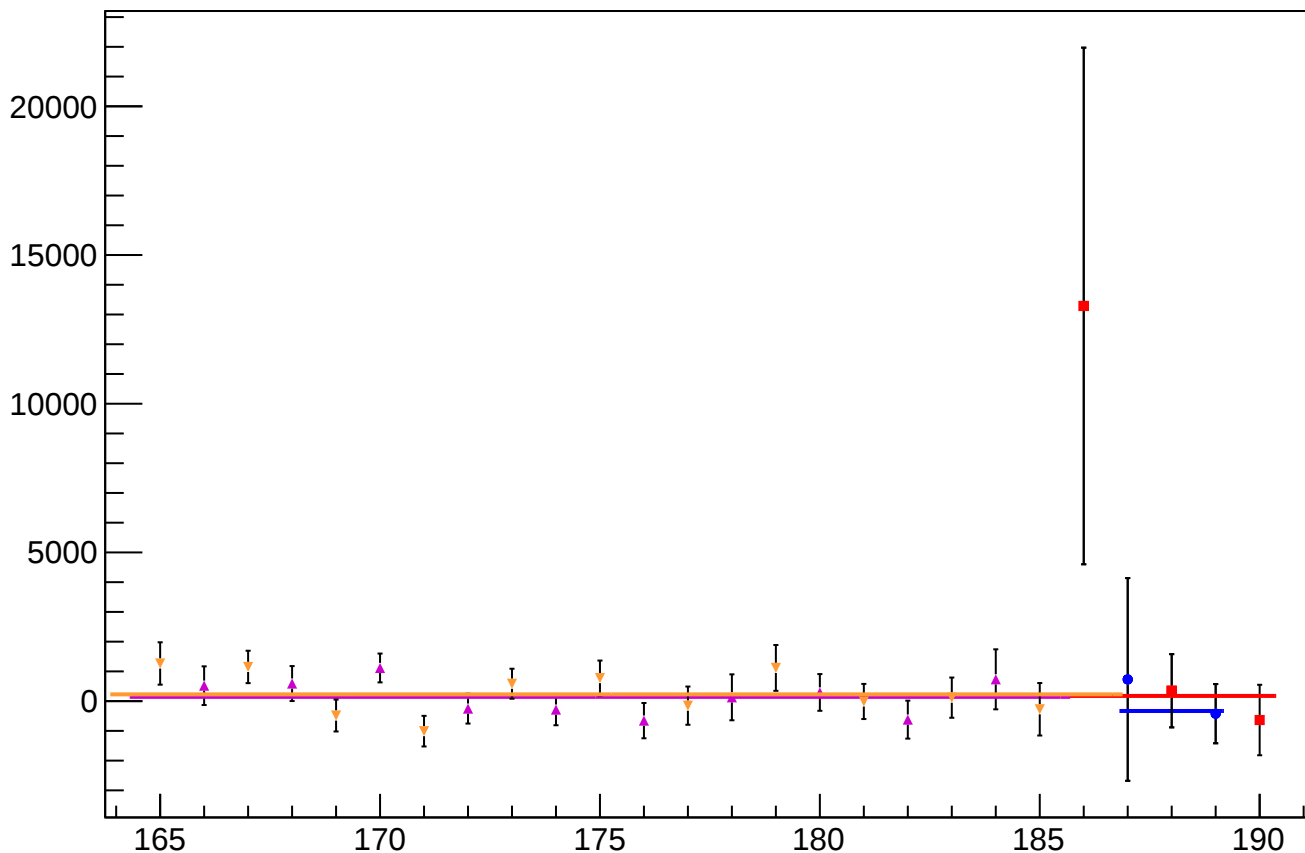
Right In: 51.636 $\pm$ 103.722 χ^2 /NDF: 0.9/3
 Left Out: -65.480 $\pm$ 36.624 χ^2 /NDF:11.8/10
 Right Out: 50.436 $\pm$ 93.205 χ^2 /NDF: 1.1/4
 Left In: -39.420 $\pm$ 38.836 χ^2 /NDF:13.1/9

Left: -53.214 $\pm$ 26.645 χ^2 /NDF: 25.2/20
 Right: 50.972 $\pm$ 69.327 χ^2 /NDF: 2.0/8
 In: -28.224 $\pm$ 36.370 χ^2 /NDF:14.8/13
 Out: -49.976 $\pm$ 34.087 χ^2 /NDF:14.2/15
 All: -39.805 $\pm$ 24.871 χ^2 /NDF: 29.2/29

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -330.999+/-675.589 χ^2/NDF : 0.2/3

Left Out: 227.570+/-183.065 χ^2/NDF :16.1/10

Right Out: 175.299+/-696.978 χ^2/NDF : 5.1/4

Left In: 143.867+/-190.109 χ^2/NDF :9.9/9

Left: 187.298+/-131.867 χ^2/NDF : 26.1/20

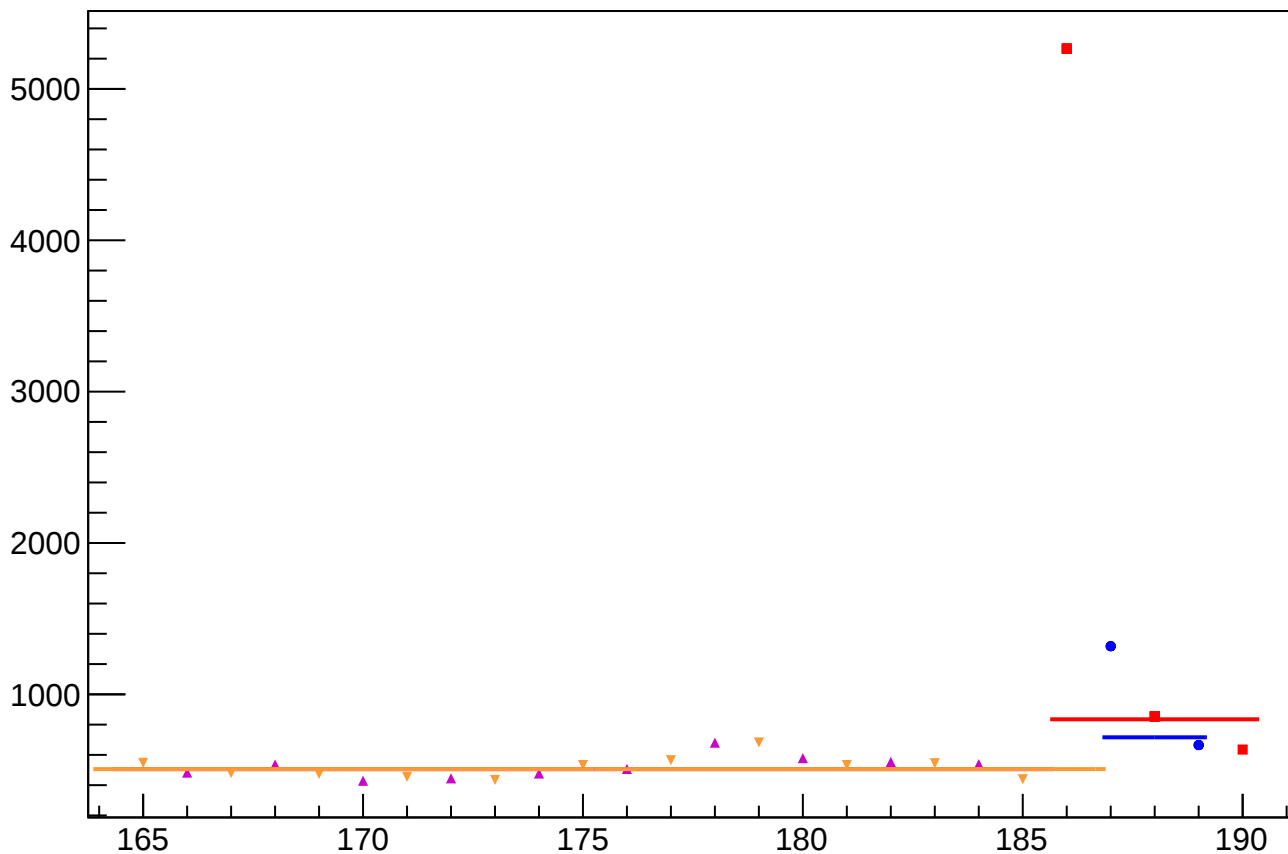
Right: -85.738+/-485.099 χ^2/NDF : 5.5/8

In: 109.024+/-183.002 χ^2/NDF :10.5/13

Out: 224.197+/-177.059 χ^2/NDF :21.2/15

All: 168.511+/-127.249 χ^2/NDF : 31.9/29

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



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

Left: 506.019 $\pm$ 0.093 χ^2 /NDF: 462694.6/20

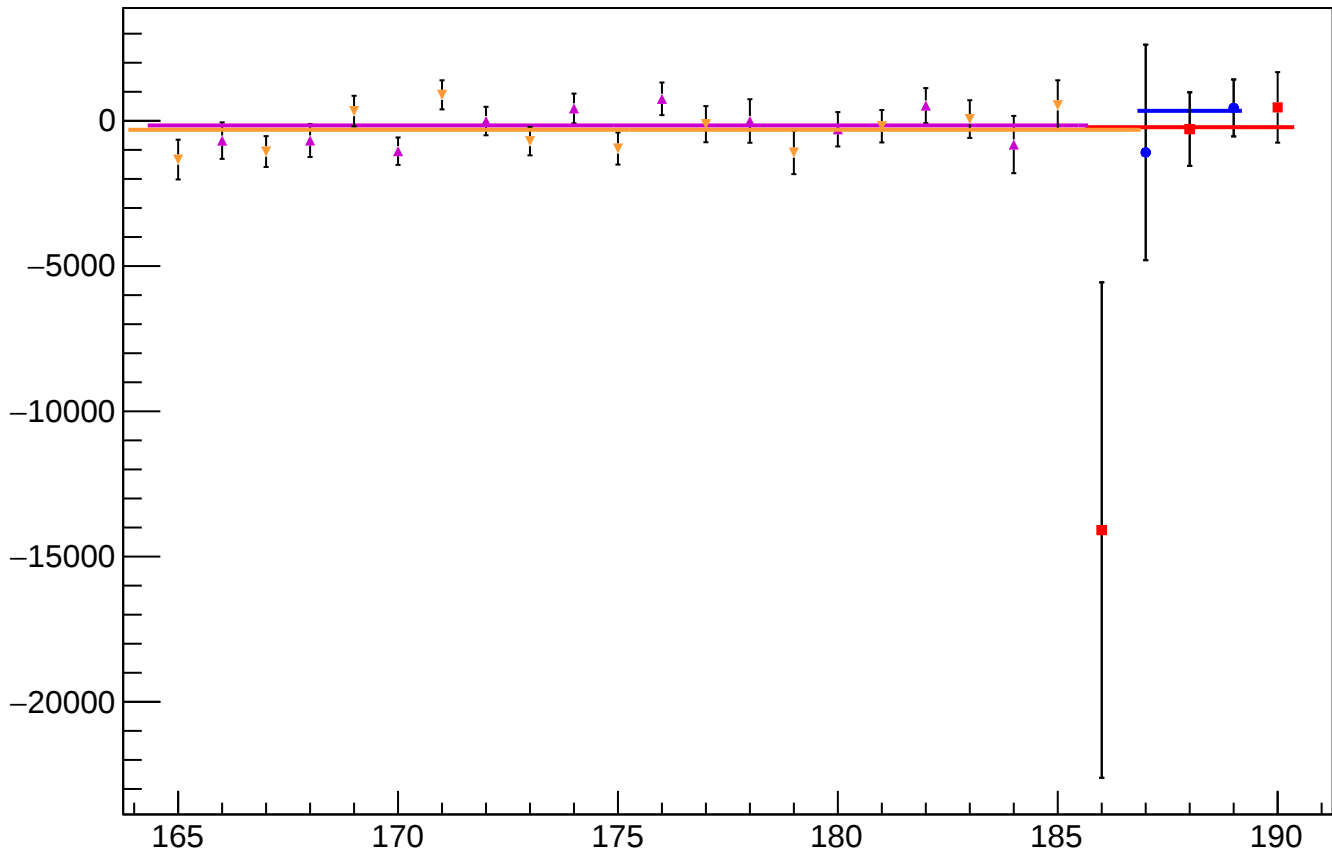
Right: 773.796 $\pm$ 0.343 χ^2 /NDF: 1264695.5/8

In: 521.356 $\pm$ 0.129 χ^2 /NDF: 551902.2/13

Out: 527.336 $\pm$ 0.125 χ^2 /NDF: 1741867.0/15

All: 524.445 $\pm$ 0.090 χ^2 /NDF: 2294872.0/29

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 344.326+/-669.759 χ^2/NDF : 0.3/3

Left Out: -307.909+/-176.597 χ^2/NDF :16.0/10

Right Out: -218.785+/-715.604 χ^2/NDF : 5.6/4

Left In: -158.565+/-183.539 χ^2/NDF :10.9/9

Left: -236.115+/-127.257 χ^2/NDF : 27.3/20

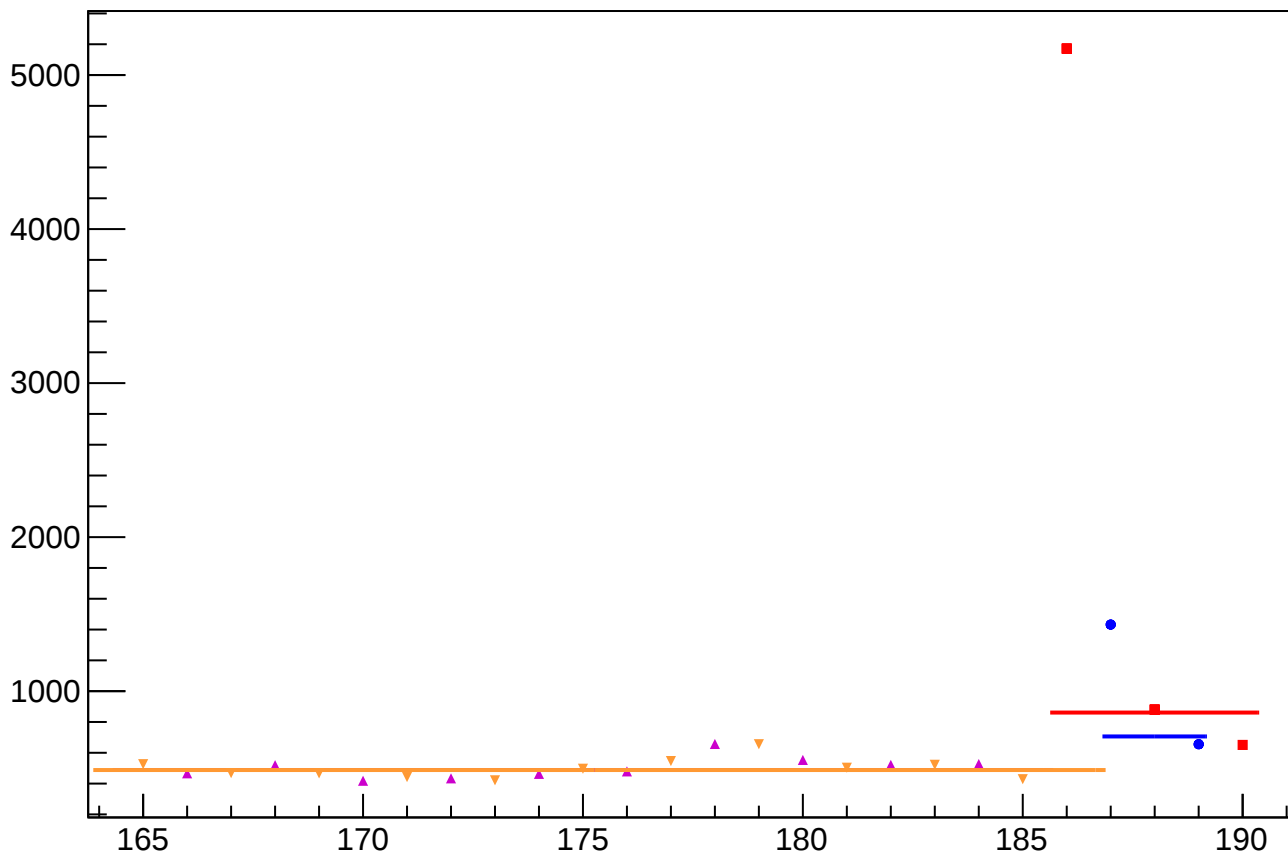
Right: 81.385+/-488.996 χ^2/NDF : 6.3/8

In: -123.437+/-177.013 χ^2/NDF :11.8/13

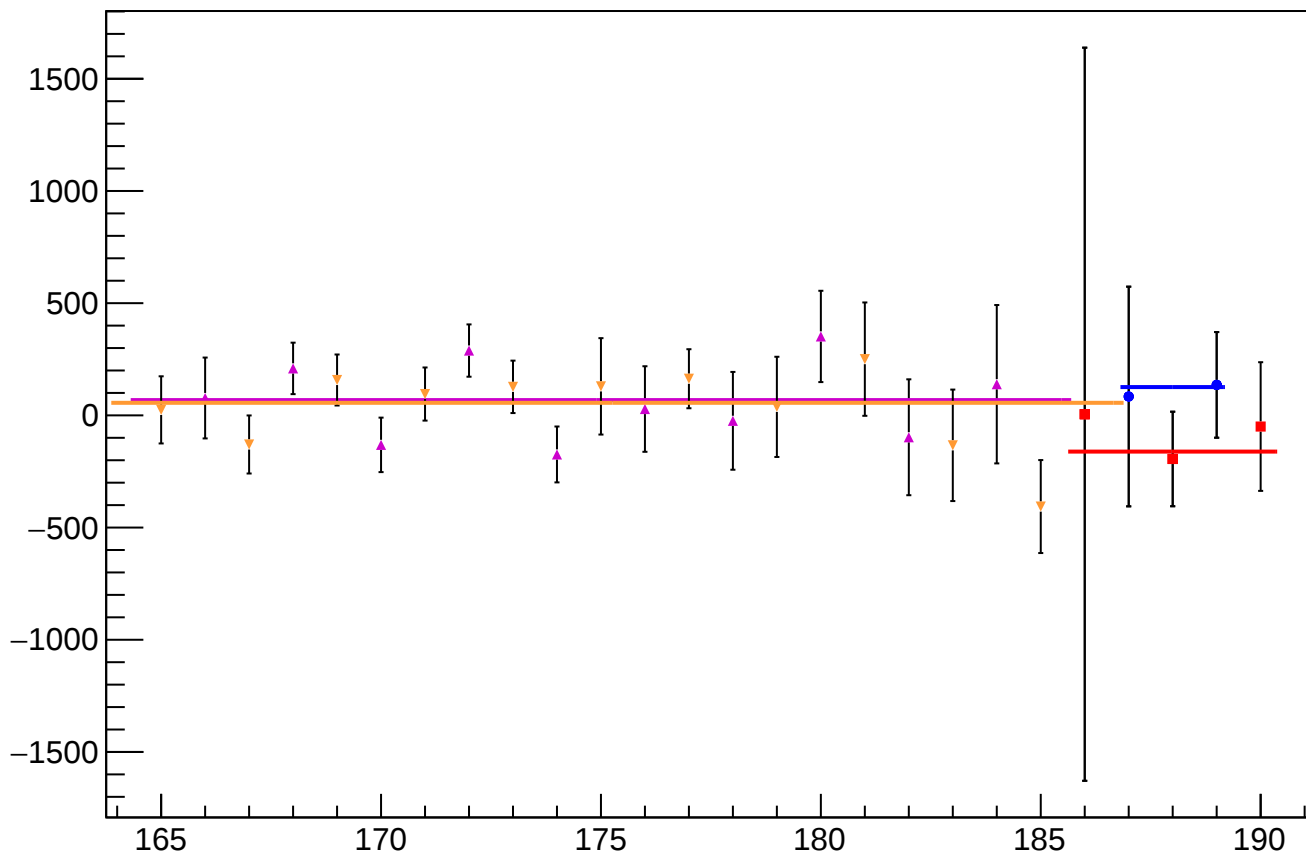
Out: -302.793+/-171.453 χ^2/NDF :21.7/15

All: -215.976+/-123.155 χ^2/NDF : 34.0/29

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 126.103 $\pm$ 150.015 χ^2/NDF : 0.0/3

Left Out: 55.976 $\pm$ 45.585 χ^2/NDF :10.3/10

Right Out: -161.436 $\pm$ 131.319 χ^2/NDF : 0.2/4

Left In: 68.089 $\pm$ 49.474 χ^2/NDF :14.2/9

Left: 61.537 $\pm$ 33.524 χ^2/NDF : 24.6/20

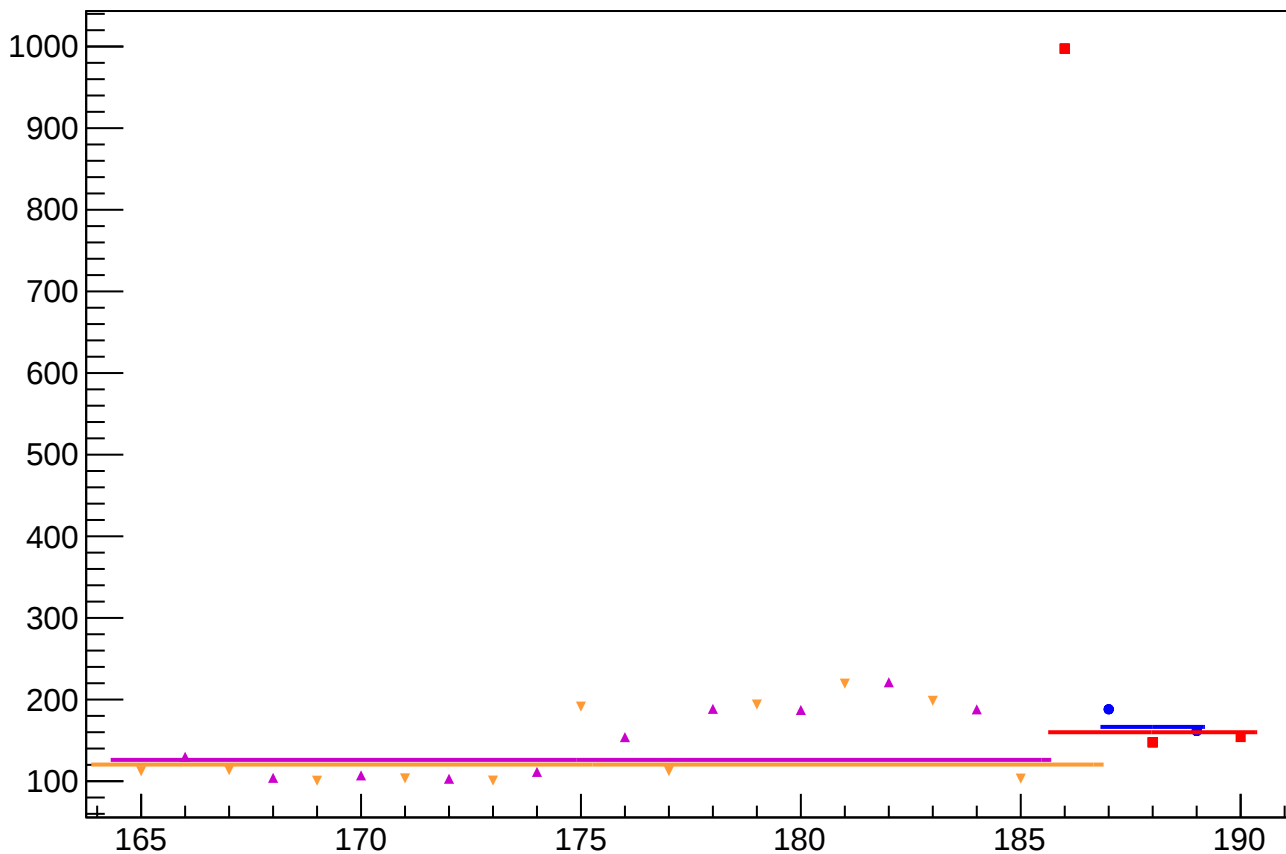
Right: -36.691 $\pm$ 98.809 χ^2/NDF : 2.3/8

In: 73.780 $\pm$ 46.985 χ^2/NDF :14.4/13

Out: 32.595 $\pm$ 43.064 χ^2/NDF :13.0/15

All: 51.397 $\pm$ 31.747 χ^2/NDF : 27.8/29

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 166.504+/-0.106 χ^2/NDF : 9578.5/3

Left Out: 120.370+/-0.032 χ^2/NDF : 1132038.3/10

Right Out: 159.973+/-0.093 χ^2/NDF : 1065823.2/4

Left In: 126.110+/-0.035 χ^2/NDF : 950691.2/9

Left: 123.006+/-0.024 χ^2/NDF : 2097292.5/20

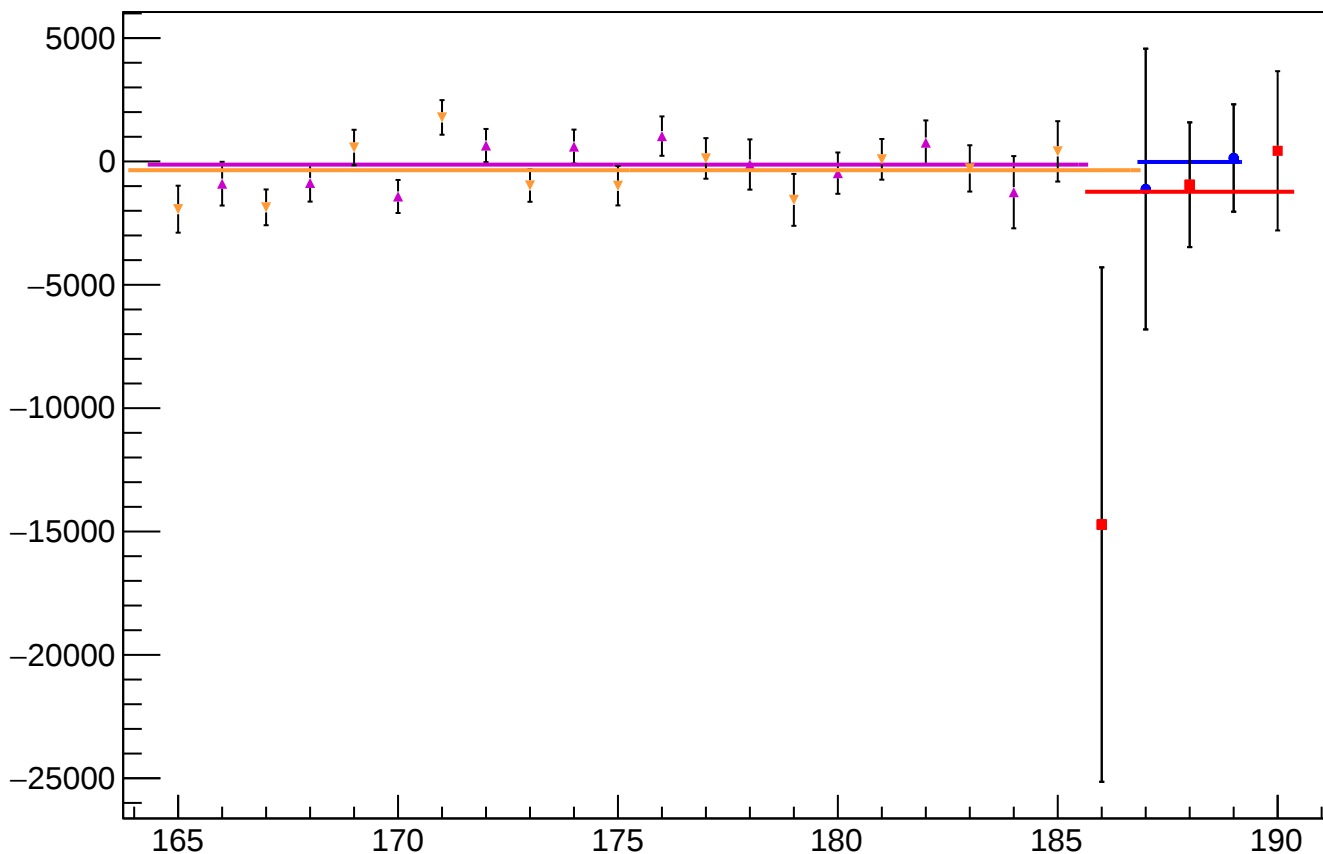
Right: 162.806+/-0.070 χ^2/NDF : 1077547.2/8

In: 130.073+/-0.033 χ^2/NDF : 1091049.3/13

Out: 124.629+/-0.030 χ^2/NDF : 2360206.0/15

All: 127.114+/-0.022 χ^2/NDF : 3465846.1/29

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 11.7/9$

Left: -246.091 ± 177.548 $\chi^2/\text{NDF}: 34.0/20$

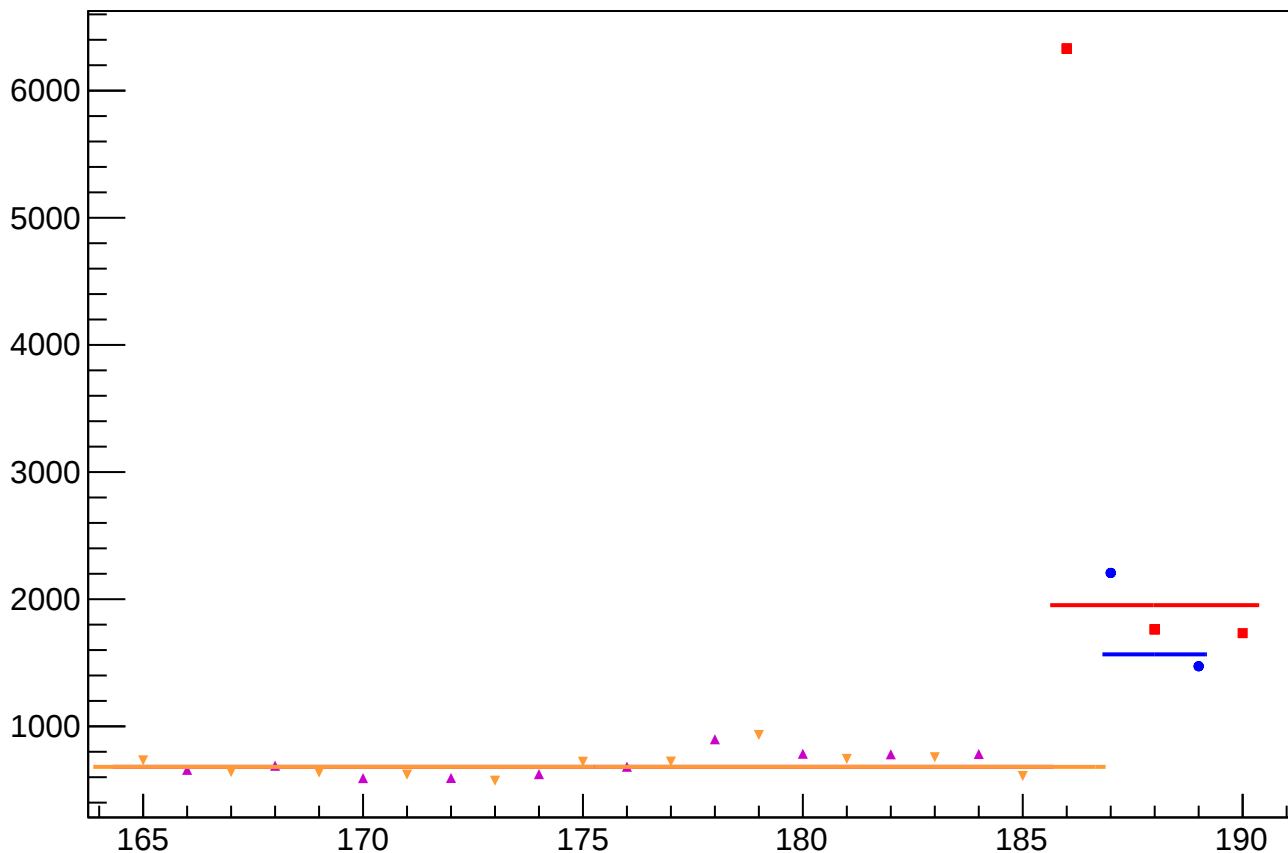
Right: -587.339 ± 1047.418 $\chi^2/\text{NDF}: 4.1/8$

In: -125.087 ± 252.086 $\chi^2/\text{NDF}: 11.8/13$

Out: -377.183 ± 243.267 $\chi^2/\text{NDF}: 25.8/15$

All: -255.622 ± 175.051 $\chi^2/\text{NDF}: 38.1/29$

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1566.213 $\pm$ 1.016 χ^2 /NDF: 58101.9/3

Left Out: 681.249 $\pm$ 0.174 χ^2 /NDF: 243961.1/10

Right Out: 1953.113 $\pm$ 1.082 χ^2 /NDF: 737026.1/4

Left In: 681.512 $\pm$ 0.181 χ^2 /NDF: 239010.2/9

Left: 681.375 $\pm$ 0.126 χ^2 /NDF: 482972.4/20

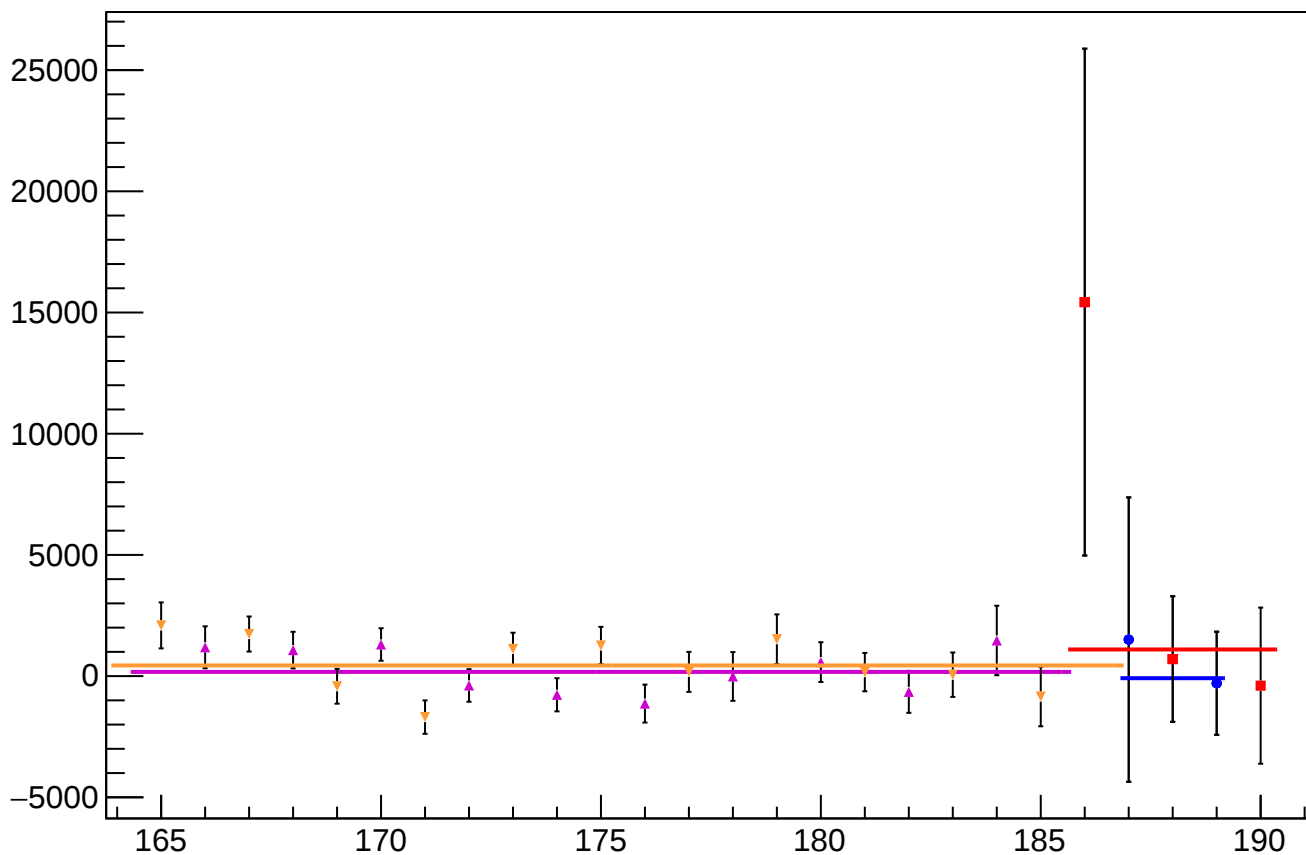
Right: 1747.587 $\pm$ 0.741 χ^2 /NDF: 863084.7/8

In: 708.734 $\pm$ 0.178 χ^2 /NDF: 1031755.5/13

Out: 713.411 $\pm$ 0.172 χ^2 /NDF: 2328476.1/15

All: 711.156 $\pm$ 0.124 χ^2 /NDF: 3360588.1/29

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -86.056 ± 1413.881 χ^2/NDF : 0.2/3

Left Out: 439.629 ± 243.387 χ^2/NDF : 22.0/10

Right Out: 1099.504 ± 1556.017 χ^2/NDF : 4.0/4

Left In: 173.342 ± 253.186 χ^2/NDF : 13.0/9

Left: 311.738 ± 175.462 χ^2/NDF : 35.6/20

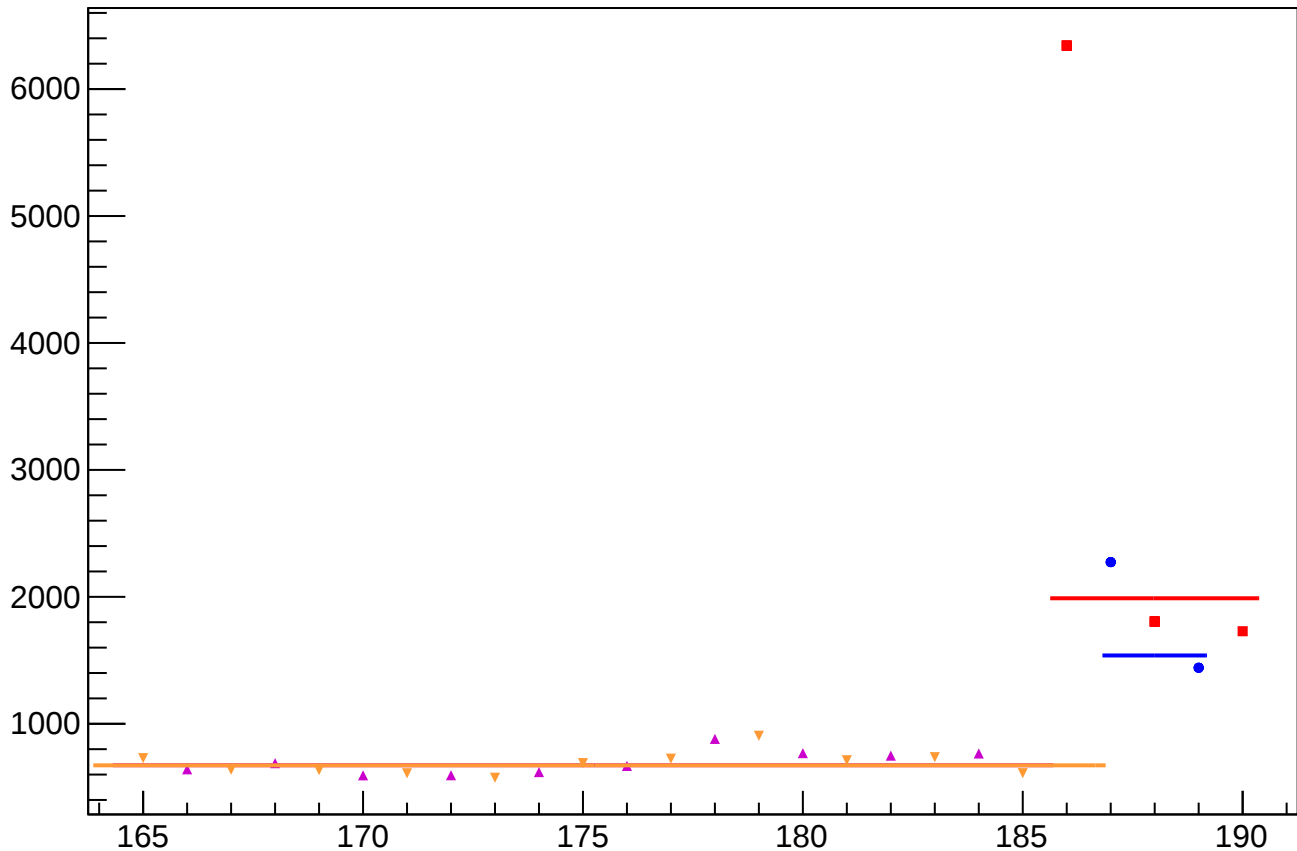
Right: 450.114 ± 1046.415 χ^2/NDF : 4.5/8

In: 165.282 ± 249.221 χ^2/NDF : 13.2/13

Out: 455.388 ± 240.463 χ^2/NDF : 26.2/15

All: 315.522 ± 173.046 χ^2/NDF : 40.1/29

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left: 673.180+/-0.124 χ^2/NDF : 416609.5/20

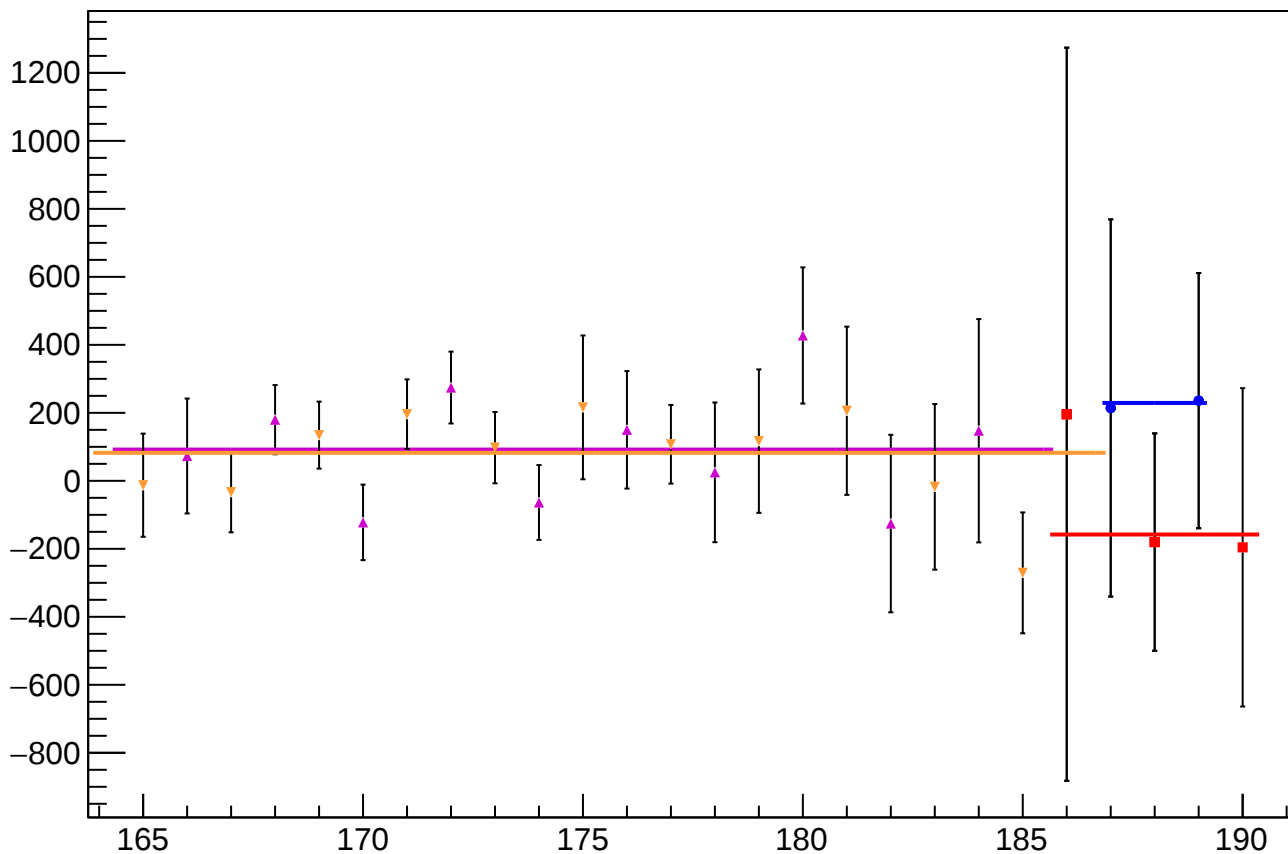
Right: 1742.011+/-0.740 χ^2/NDF : 889455.1/8

In: 700.548+/-0.176 χ^2/NDF : 1003304.5/13

Out: 704.144+/-0.170 χ^2/NDF : 2332086.0/15

All: 702.410+/-0.122 χ^2/NDF : 3335606.1/29

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 229.128+/-219.809 χ^2/NDF : 0.0/3

Left Out: 82.387+/-41.219 χ^2/NDF : 7.7/10

Right Out: -157.876+/-196.737 χ^2/NDF : 0.2/4

Left In: 91.942+/-45.144 χ^2/NDF : 13.2/9

Left: 86.731+/-30.439 χ^2/NDF : 21.0/20

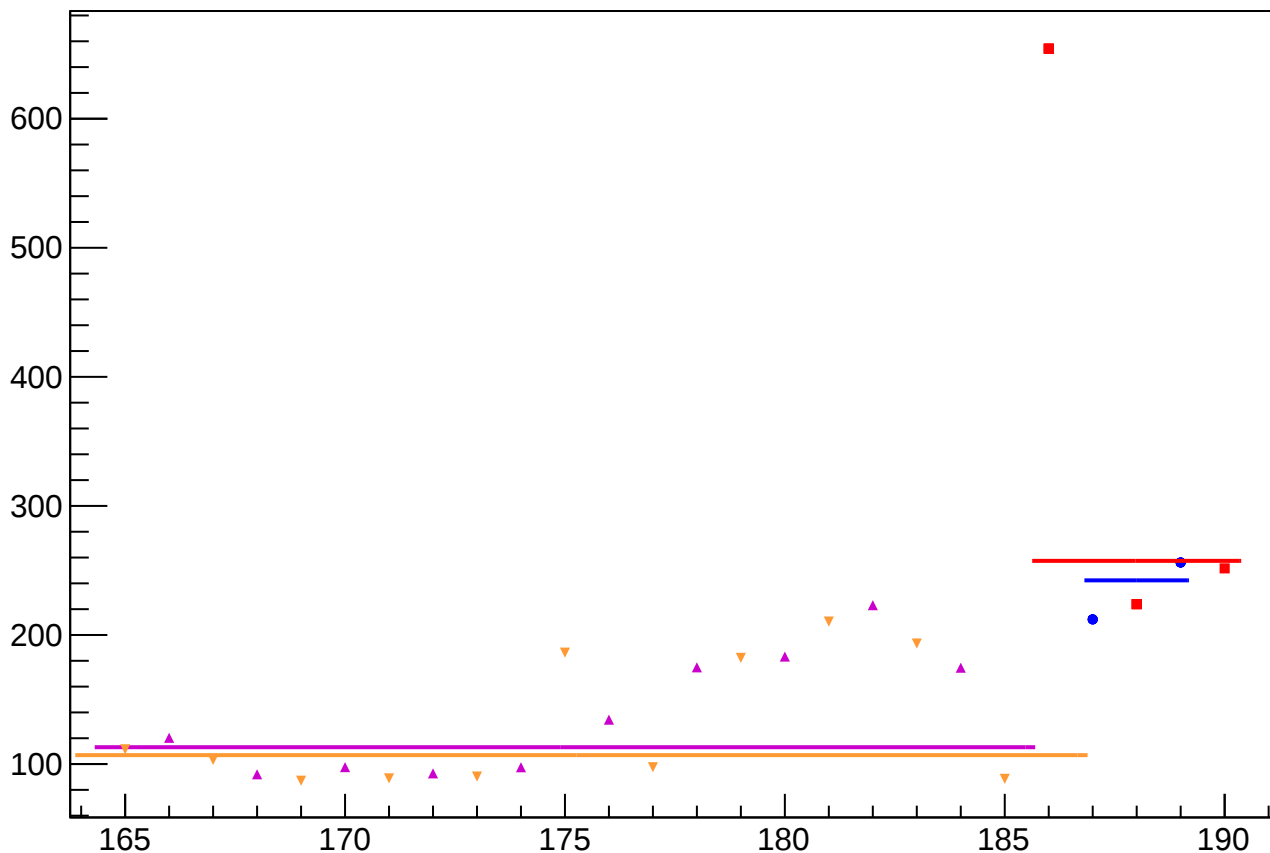
Right: 14.256+/-146.595 χ^2/NDF : 2.0/8

In: 97.494+/-44.221 χ^2/NDF : 13.6/13

Out: 72.284+/-40.343 χ^2/NDF : 9.4/15

All: 83.735+/-29.804 χ^2/NDF : 23.1/29

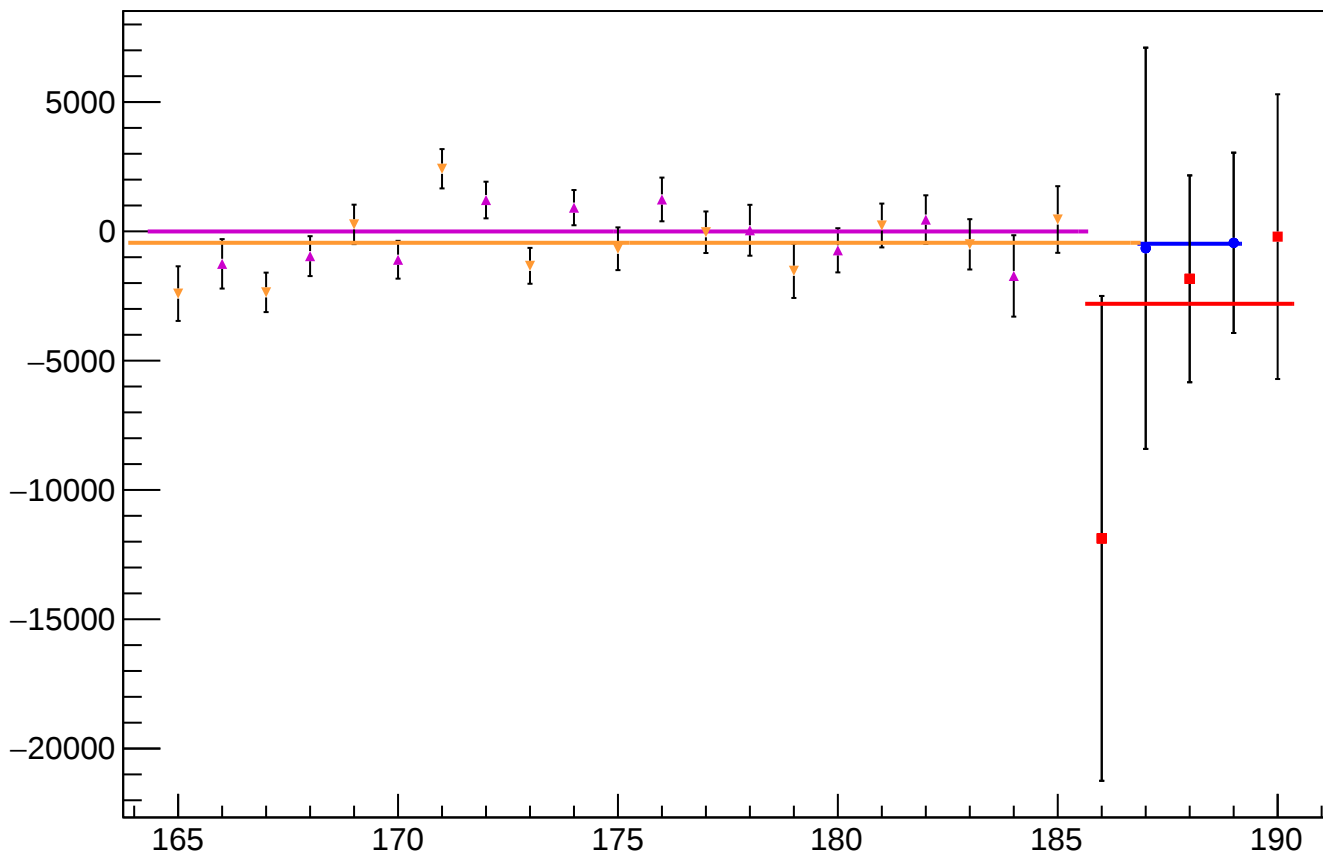
dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 242.323 $\pm$ 0.155 χ^2 /NDF: 17335.1/3
 Left Out: 106.903 $\pm$ 0.029 χ^2 /NDF:1369857.9/10
 Right Out: 257.437 $\pm$ 0.139 χ^2 /NDF: 586177.1/4
 Left In: 113.049 $\pm$ 0.032 χ^2 /NDF:1124233.3/9

Left: 109.698 $\pm$ 0.022 χ^2 /NDF: 2514306.1/20
 Right: 250.714 $\pm$ 0.104 χ^2 /NDF: 608762.1/8
 In: 118.281 $\pm$ 0.031 χ^2 /NDF:1805337.4/13
 Out: 113.233 $\pm$ 0.029 χ^2 /NDF:3077708.2/15
 All: 115.526 $\pm$ 0.021 χ^2 /NDF: 4897269.8/29

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left: -230.839+/-184.901 χ^2/NDF : 45.0/20

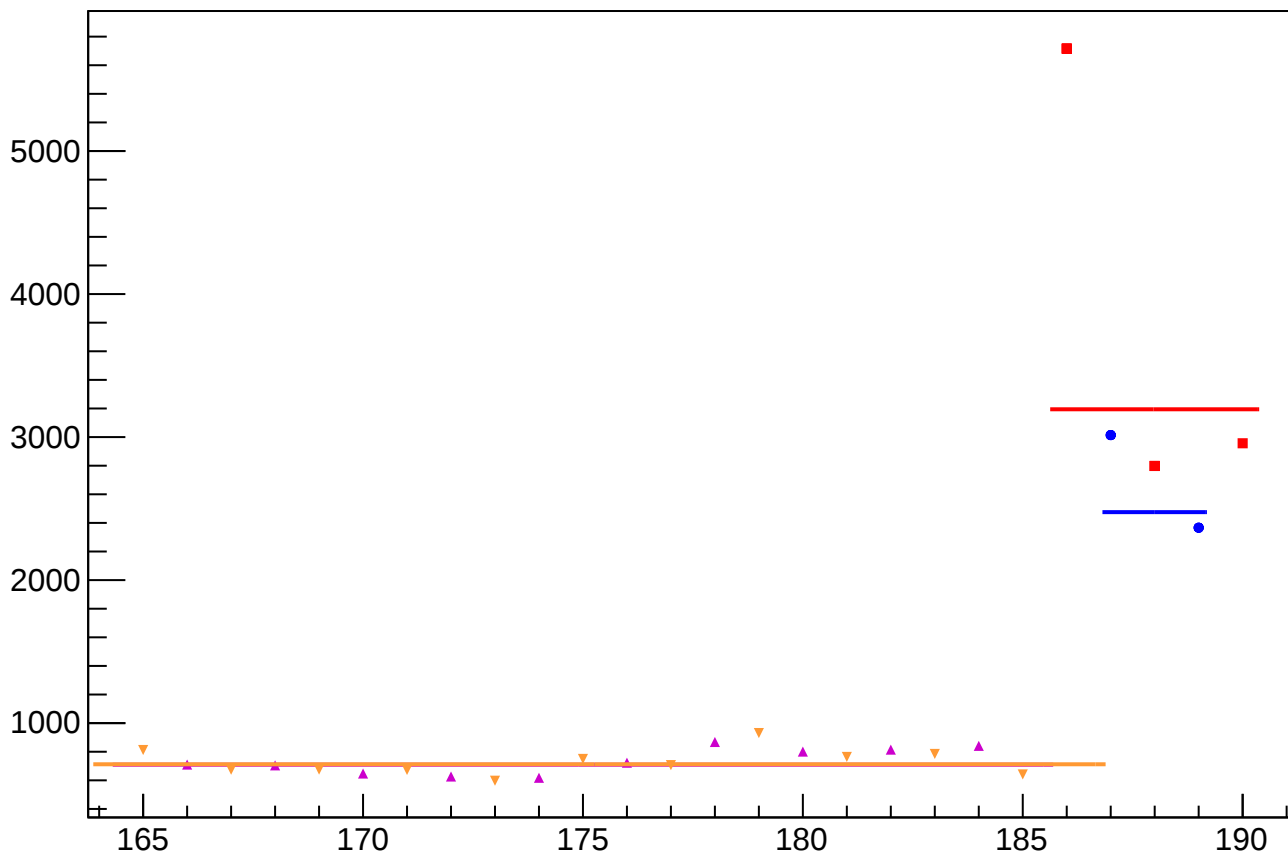
Right: -1588.558+/-1625.315 χ^2/NDF : 2.7/8

In: -11.094+/-264.150 χ^2/NDF : 14.6/13

Out: -470.325+/-255.684 χ^2/NDF : 32.2/15

All: -248.186+/-183.716 χ^2/NDF : 48.4/29

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2475.266+/-1.590 χ^2/NDF : 23173.4/3

Left Out: 712.331+/-0.182 χ^2/NDF : 203118.7/10

Right Out: 3194.400+/-1.663 χ^2/NDF : 332466.8/4

Left In: 709.236+/-0.188 χ^2/NDF : 192461.1/9

Left: 710.835+/-0.131 χ^2/NDF : 395719.8/20

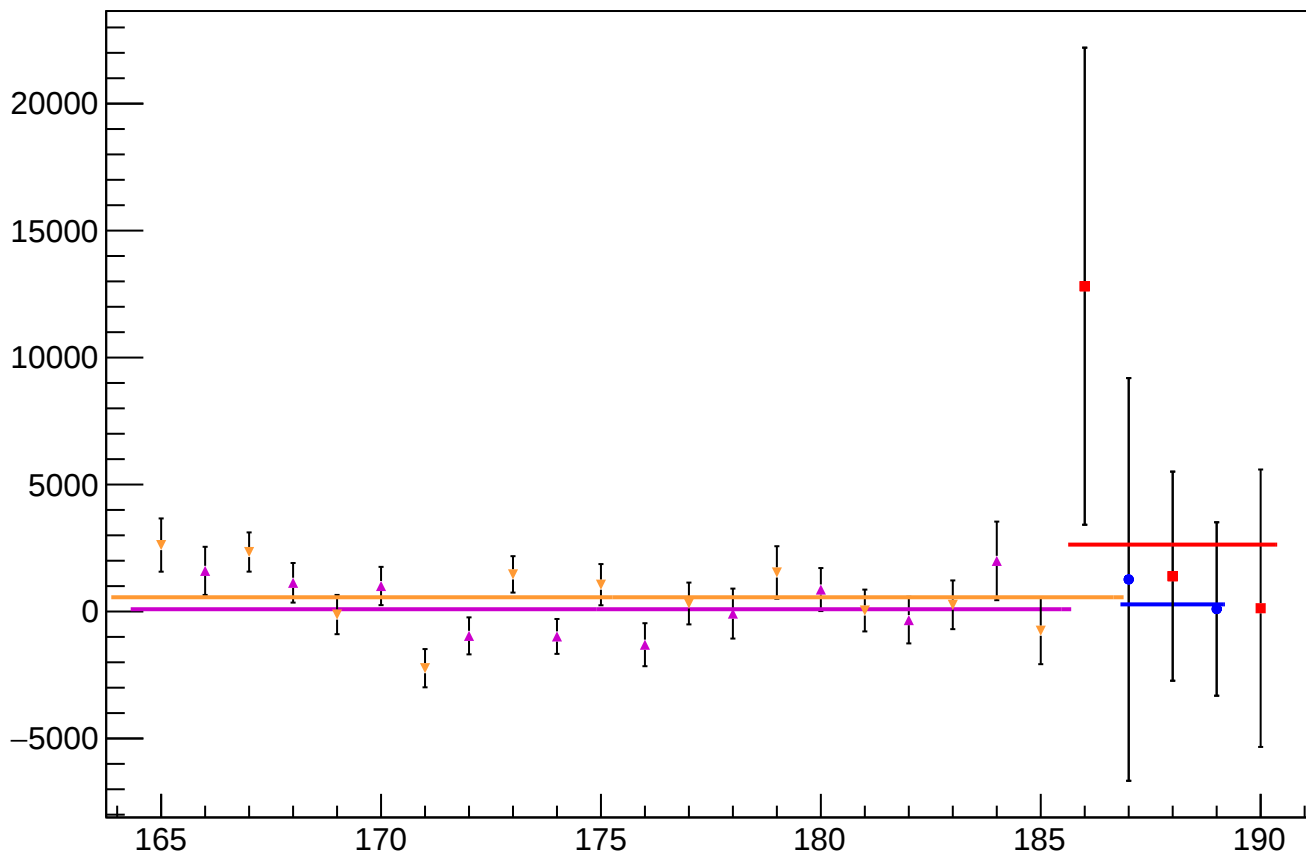
Right: 2818.713+/-1.149 χ^2/NDF : 453328.0/8

In: 733.605+/-0.187 χ^2/NDF : 1432191.5/13

Out: 741.667+/-0.181 χ^2/NDF : 2736832.2/15

All: 737.767+/-0.130 χ^2/NDF : 4169985.7/29

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 281.028 ± 2217.983 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 561.339 ± 257.909 $\chi^2/\text{NDF}: 28.1/10$

Right Out: 2634.664 ± 2396.242 $\chi^2/\text{NDF}: 2.7/4$

Left In: 89.974 ± 267.759 $\chi^2/\text{NDF}: 15.6/9$

Left: 334.486 ± 185.754 $\chi^2/\text{NDF}: 45.3/20$

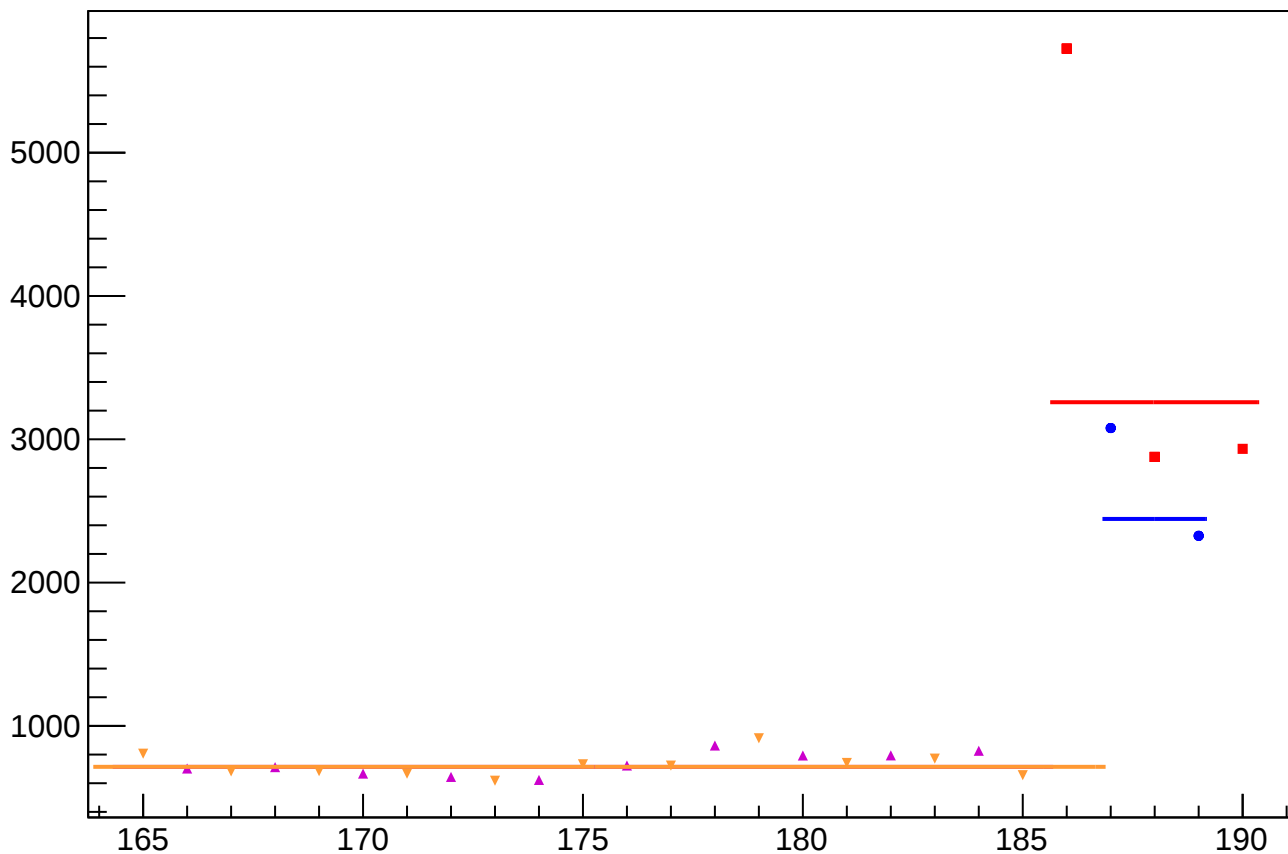
Right: 1367.055 ± 1627.726 $\chi^2/\text{NDF}: 3.3/8$

In: 92.719 ± 265.829 $\chi^2/\text{NDF}: 15.7/13$

Out: 585.082 ± 256.428 $\chi^2/\text{NDF}: 31.6/15$

All: 347.761 ± 184.556 $\chi^2/\text{NDF}: 49.0/29$

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left: 714.181+/-0.131 χ^2/NDF : 306344.8/20

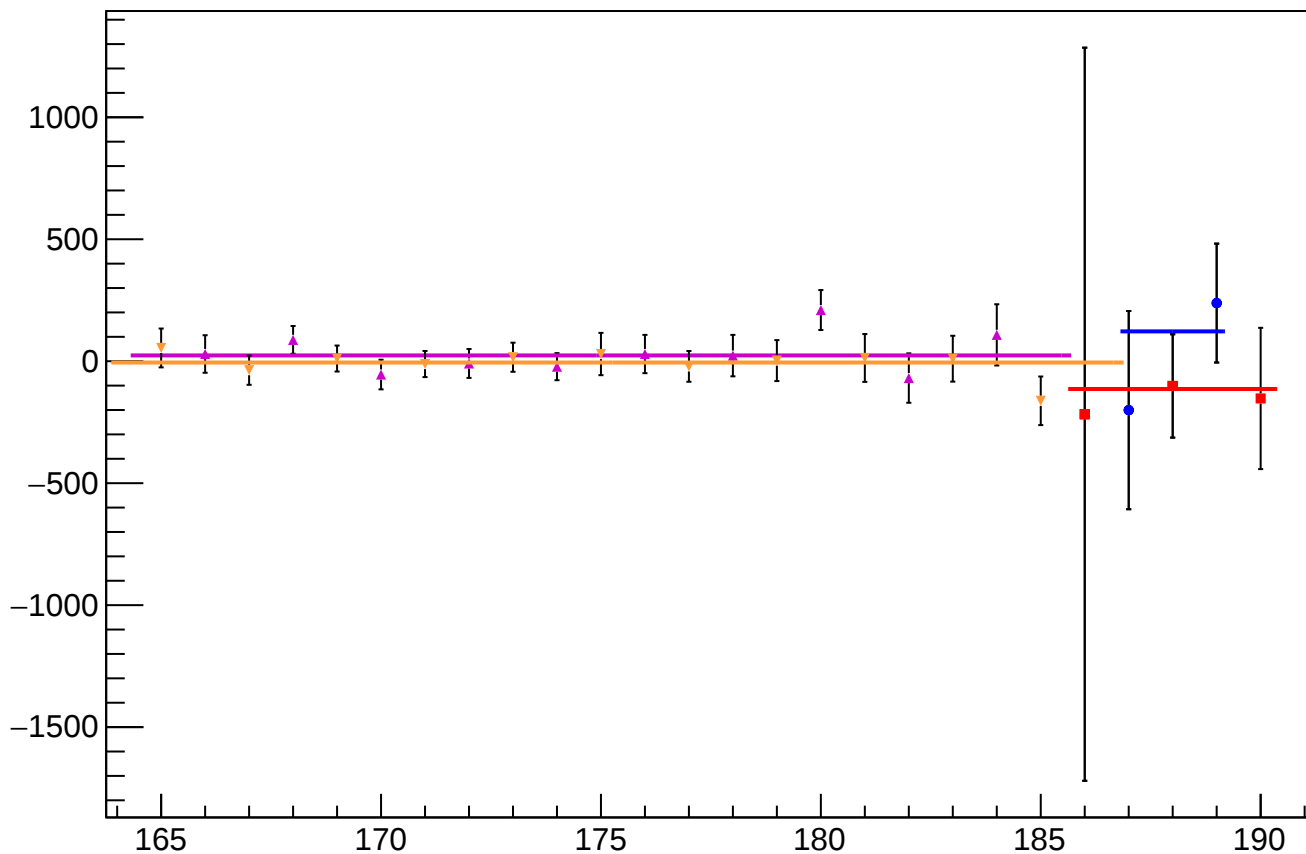
Right: 2820.061+/-1.151 χ^2/NDF : 472235.6/8

In: 738.800+/-0.188 χ^2/NDF : 1381189.0/13

Out: 743.537+/-0.181 χ^2/NDF : 2701635.1/15

All: 741.254+/-0.131 χ^2/NDF : 4083153.0/29

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 122.261 ± 147.760 χ^2/NDF : 1.7/3

Left Out: -5.330 ± 21.020 χ^2/NDF : 3.9/10

Right Out: -113.848 ± 132.004 χ^2/NDF : 0.0/4

Left In: 23.739 ± 22.530 χ^2/NDF : 10.4/9

Left: 8.198 ± 15.370 χ^2/NDF : 15.1/20

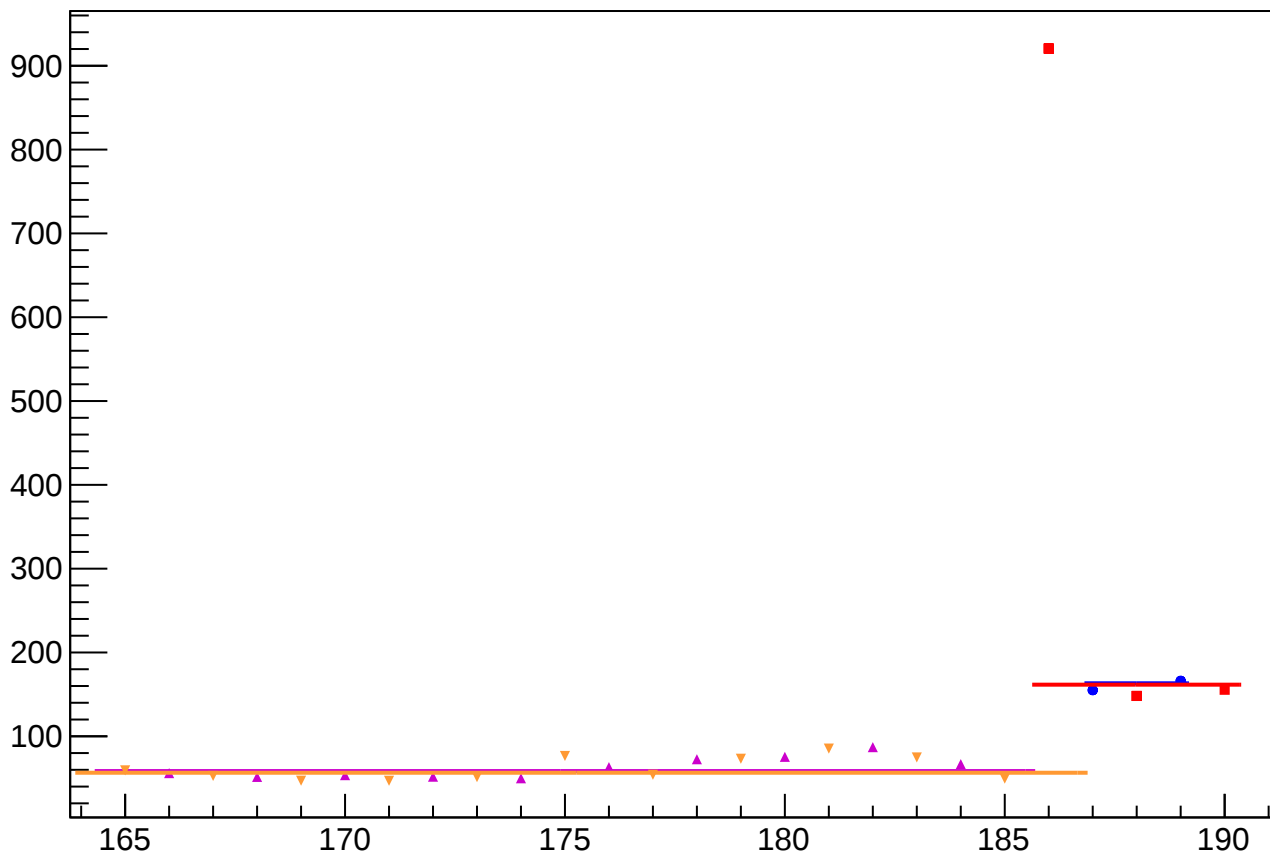
Right: -9.049 ± 98.442 χ^2/NDF : 3.2/8

In: 25.978 ± 22.272 χ^2/NDF : 12.5/13

Out: -8.013 ± 20.759 χ^2/NDF : 4.6/15

All: 7.788 ± 15.186 χ^2/NDF : 18.3/29

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left: 57.442 $\pm$ 0.011 χ^2 /NDF: 1042462.1/20

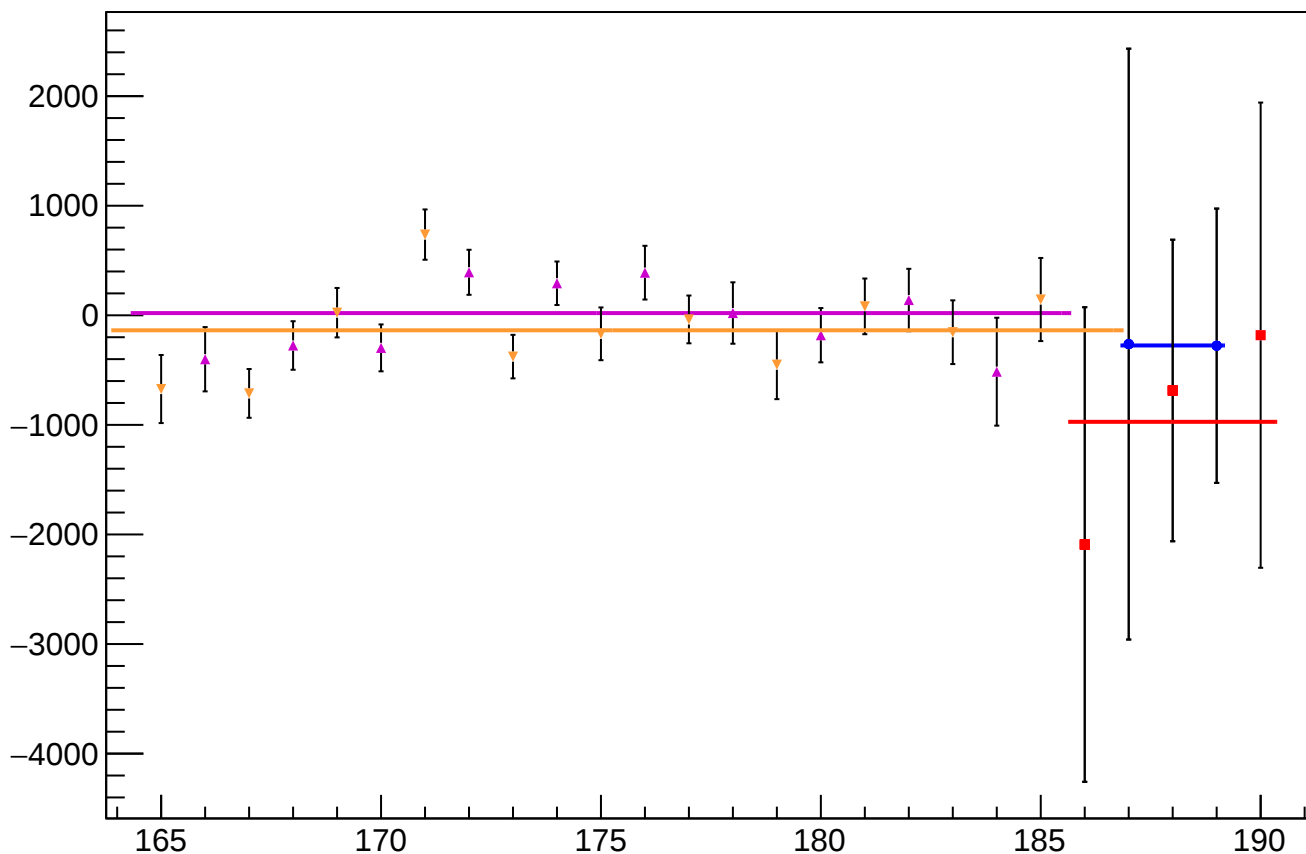
Right: 162.322 $\pm$ 0.070 χ^2 /NDF: 1039682.6/8

In: 60.884 $\pm$ 0.016 χ^2 /NDF:1418398.4/13

Out: 59.116 $\pm$ 0.015 χ^2 /NDF:2873132.2/15

All: 59.938 $\pm$ 0.011 χ^2 /NDF: 4298275.6/29

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 15.5/9$

Left: -61.136 ± 54.059 $\chi^2/\text{NDF}: 46.2/20$

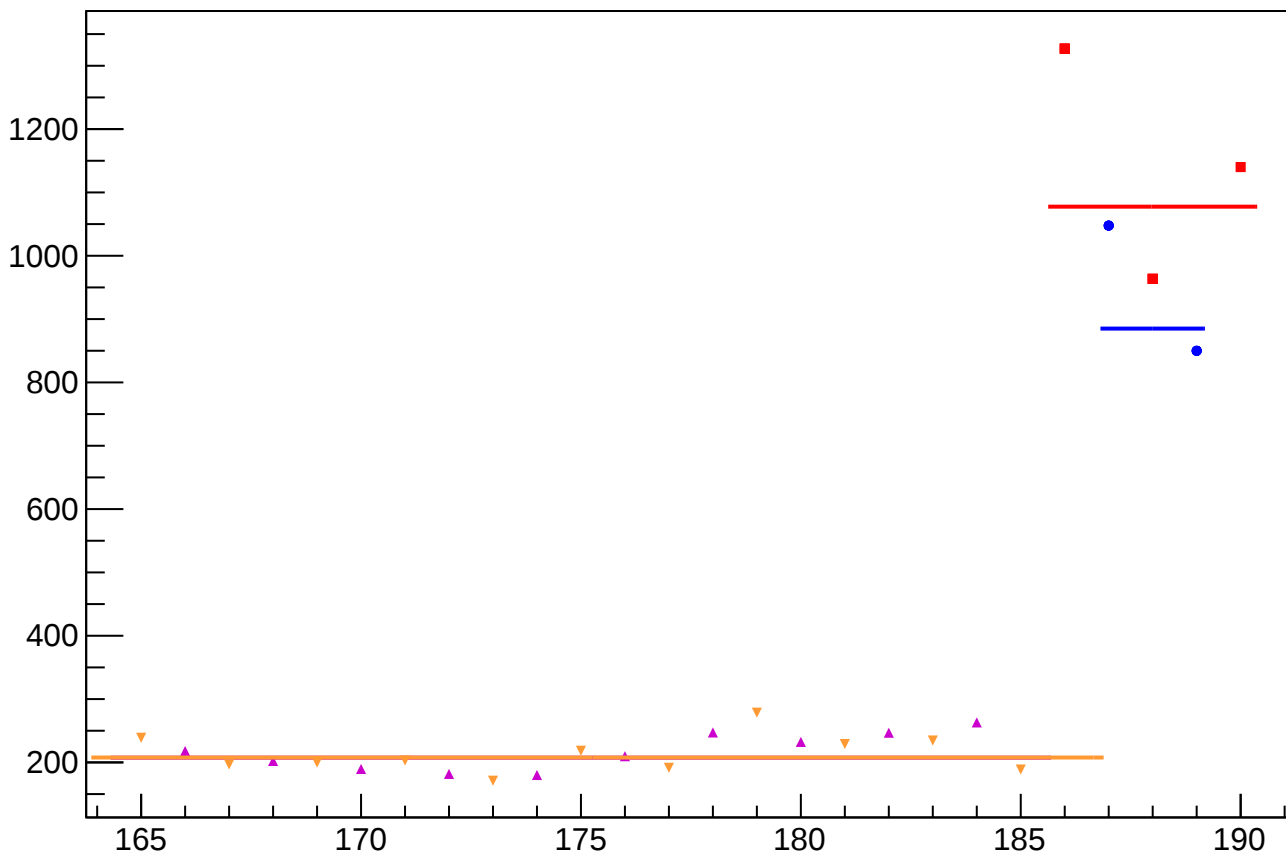
Right: -639.978 ± 554.145 $\chi^2/\text{NDF}: 1.2/8$

In: 17.438 ± 77.489 $\chi^2/\text{NDF}: 15.6/13$

Out: -144.819 ± 74.764 $\chi^2/\text{NDF}: 30.6/15$

All: -66.593 ± 53.804 $\chi^2/\text{NDF}: 48.5/29$

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 885.009+/-0.568 χ^2/NDF : 17696.0/3

Left Out: 207.723+/-0.053 χ^2/NDF : 248770.3/10

Right Out: 1077.519+/-0.542 χ^2/NDF : 82244.2/4

Left In: 207.436+/-0.055 χ^2/NDF : 211126.5/9

Left: 207.585+/-0.038 χ^2/NDF : 459910.9/20

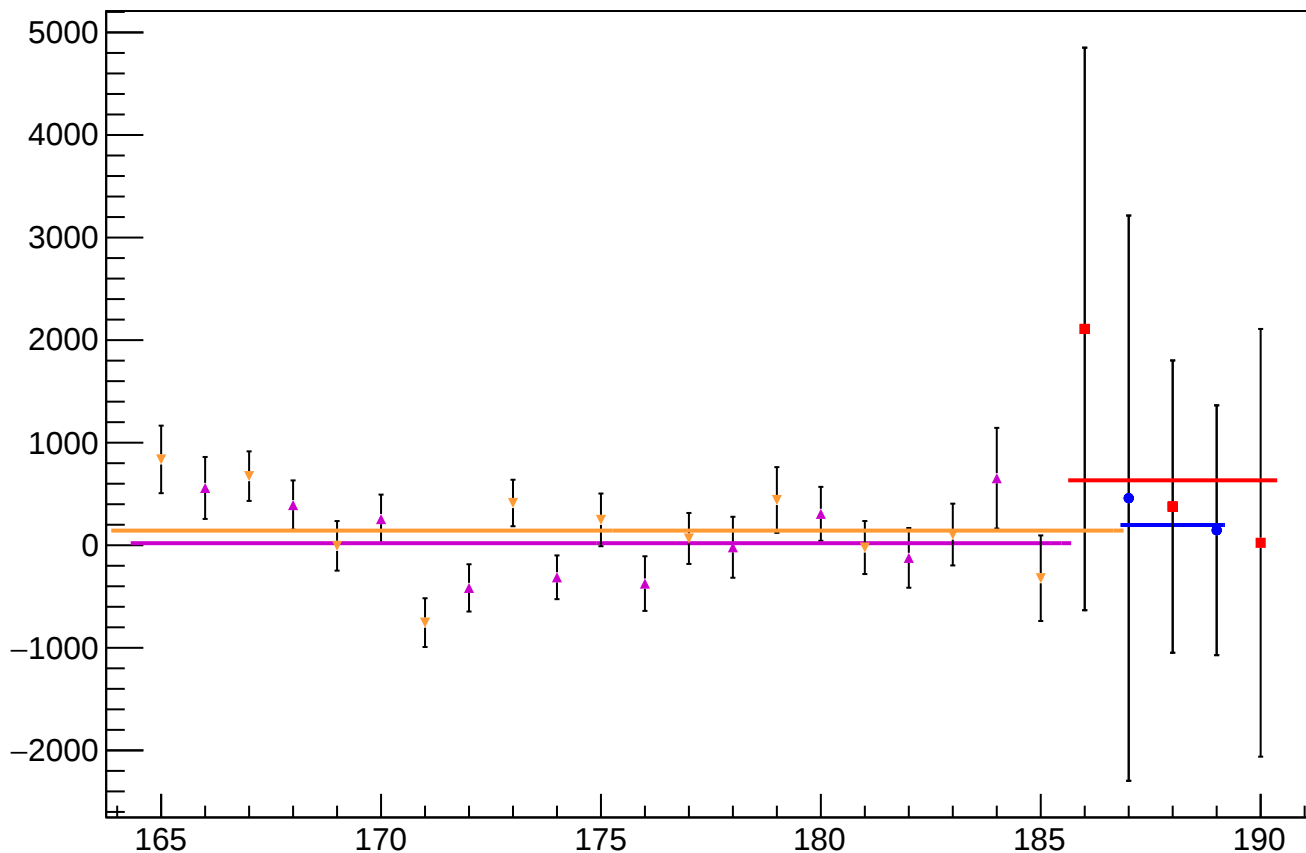
Right: 985.782+/-0.392 χ^2/NDF : 160150.9/8

In: 213.750+/-0.055 χ^2/NDF : 1640444.5/13

Out: 216.011+/-0.053 χ^2/NDF : 2885791.9/15

All: 214.921+/-0.038 χ^2/NDF : 4527118.0/29

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left: 83.814+/-58.136 χ^2/NDF : 47.1/20

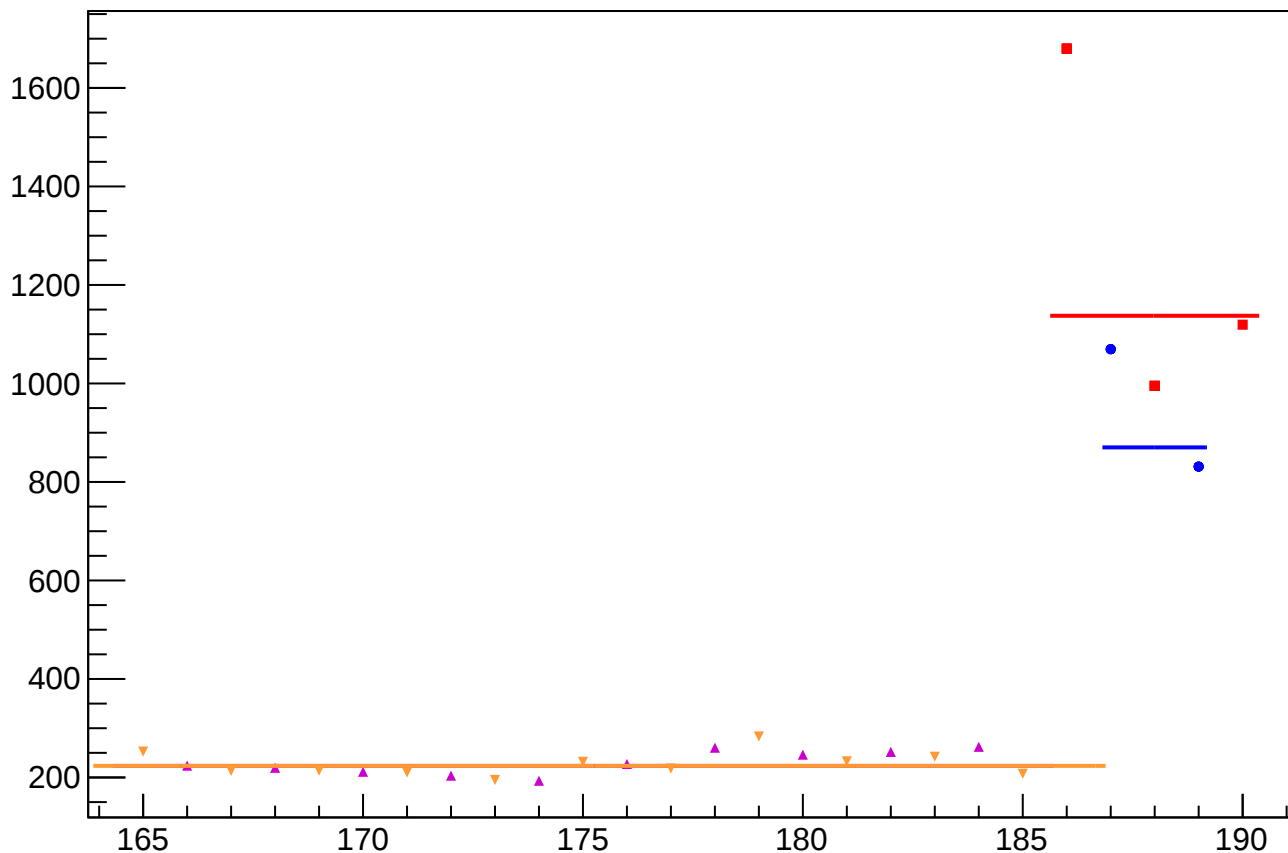
Right: 406.001+/-568.624 χ^2/NDF : 0.9/8

In: 22.068+/-83.329 χ^2/NDF :17.9/13

Out: 147.631+/-80.333 χ^2/NDF :29.2/15

All: 87.147+/-57.834 χ^2/NDF : 48.3/29

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left: 223.535+/-0.041 χ^2/NDF : 283990.0/20

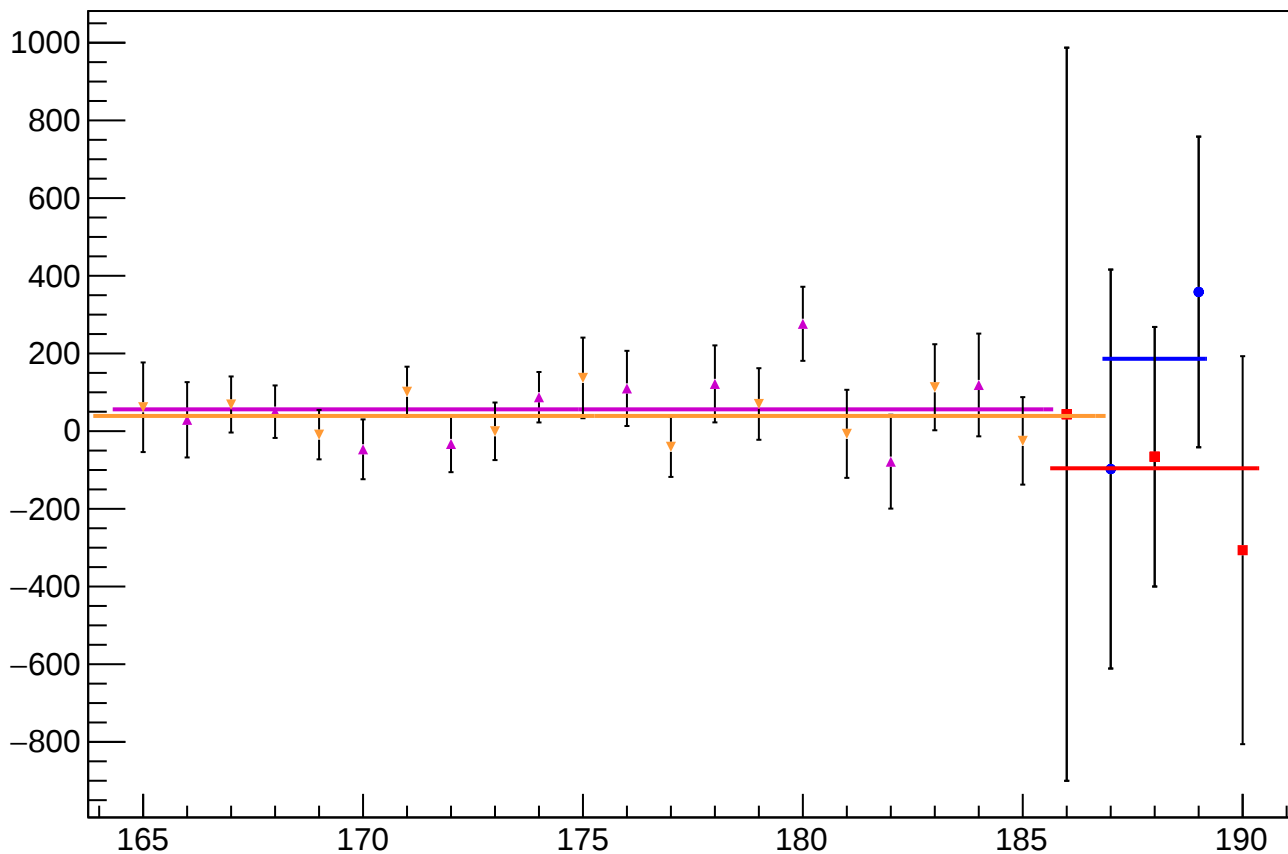
Right: 998.152+/-0.402 χ^2/NDF : 331740.0/8

In: 230.707+/-0.059 χ^2/NDF :1496186.3/13

Out: 232.329+/-0.057 χ^2/NDF :2792287.6/15

All: 231.548+/-0.041 χ^2/NDF : 4288866.6/29

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 186.306 $\pm$ 223.098 χ^2 /NDF: 1.0/3

Left Out: 39.180 $\pm$ 25.390 χ^2 /NDF:5.0/10

Right Out: -95.585 $\pm$ 203.398 χ^2 /NDF: 0.2/4

Left In: 56.154 $\pm$ 27.070 χ^2 /NDF:11.2/9

Left: 47.124 $\pm$ 18.519 χ^2 /NDF: 16.3/20

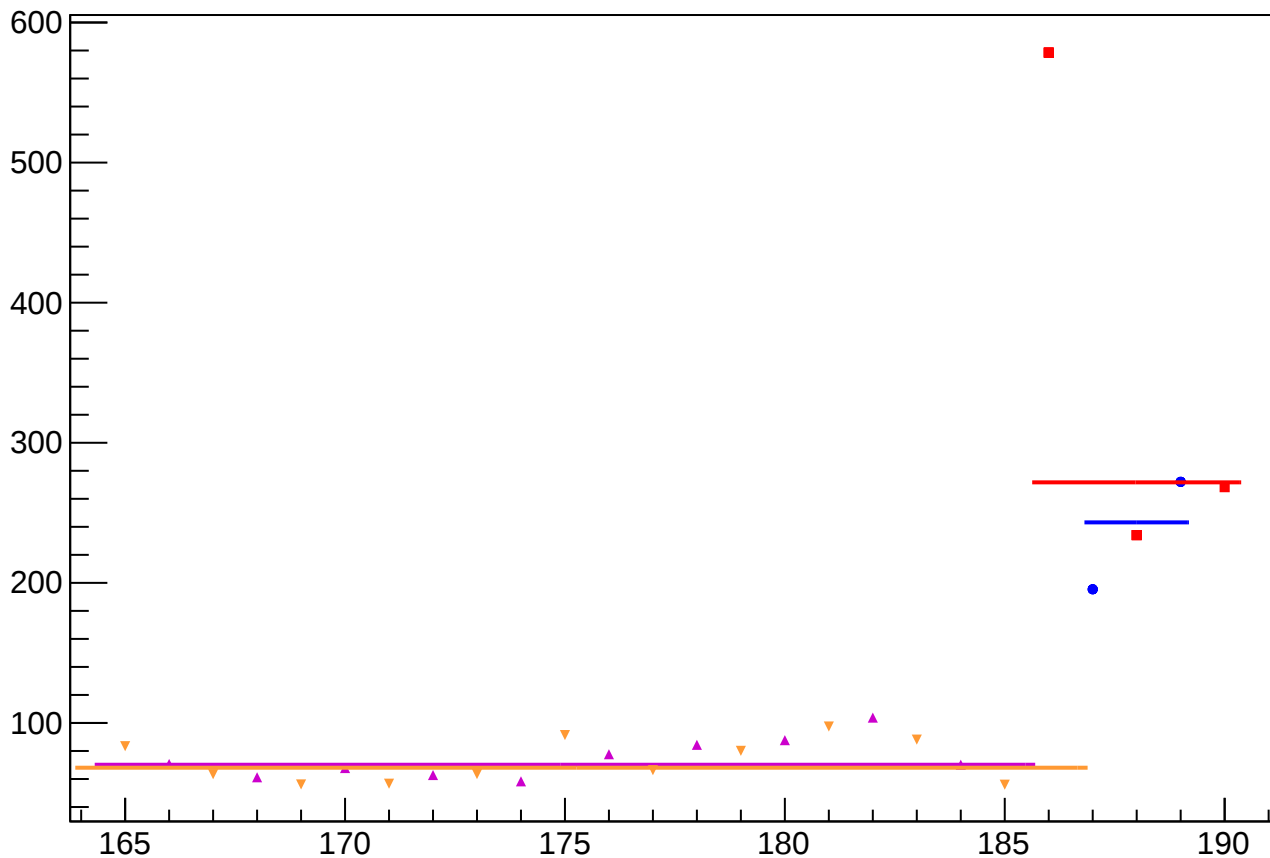
Right: 32.368 $\pm$ 150.307 χ^2 /NDF: 2.1/8

In: 58.043 $\pm$ 26.873 χ^2 /NDF:12.5/13

Out: 37.112 $\pm$ 25.194 χ^2 /NDF:5.6/15

All: 46.903 $\pm$ 18.380 χ^2 /NDF: 18.4/29

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left: 69.046 $\pm$ 0.013 χ^2/NDF : 949910.9/20

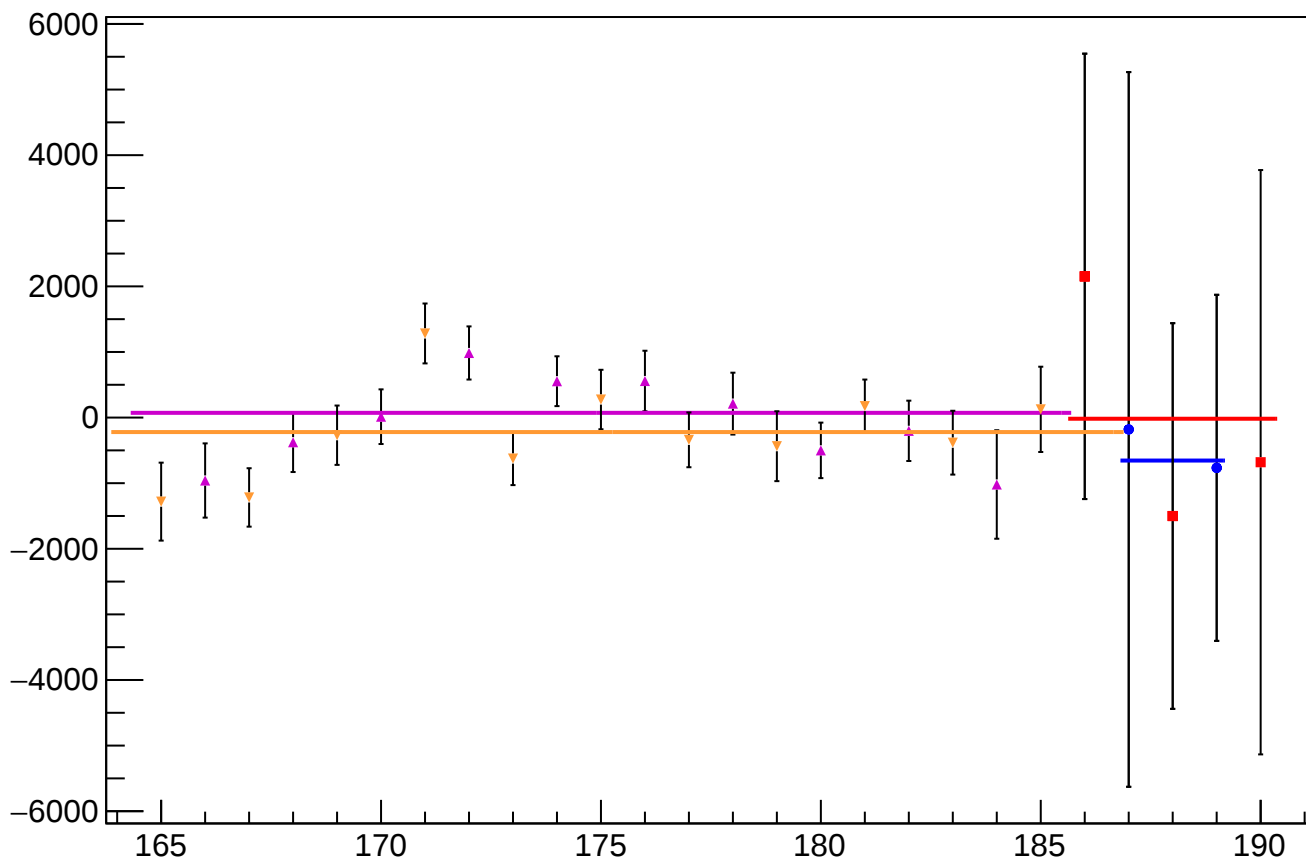
Right: 258.781 $\pm$ 0.106 χ^2/NDF : 547128.3/8

In: 72.683 $\pm$ 0.019 χ^2/NDF : 1640559.4/13

Out: 71.180 $\pm$ 0.018 χ^2/NDF : 2992360.4/15

All: 71.883 $\pm$ 0.013 χ^2/NDF : 4636250.5/29

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: -655.048 ± 1678.675 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -220.798 ± 140.727 $\chi^2/\text{NDF}: 22.8/10$

Right Out: -17.732 ± 1481.787 $\chi^2/\text{NDF}: 1.3/4$

Left In: 72.248 ± 144.724 $\chi^2/\text{NDF}: 16.1/9$

Left: -78.378 ± 100.893 $\chi^2/\text{NDF}: 41.1/20$

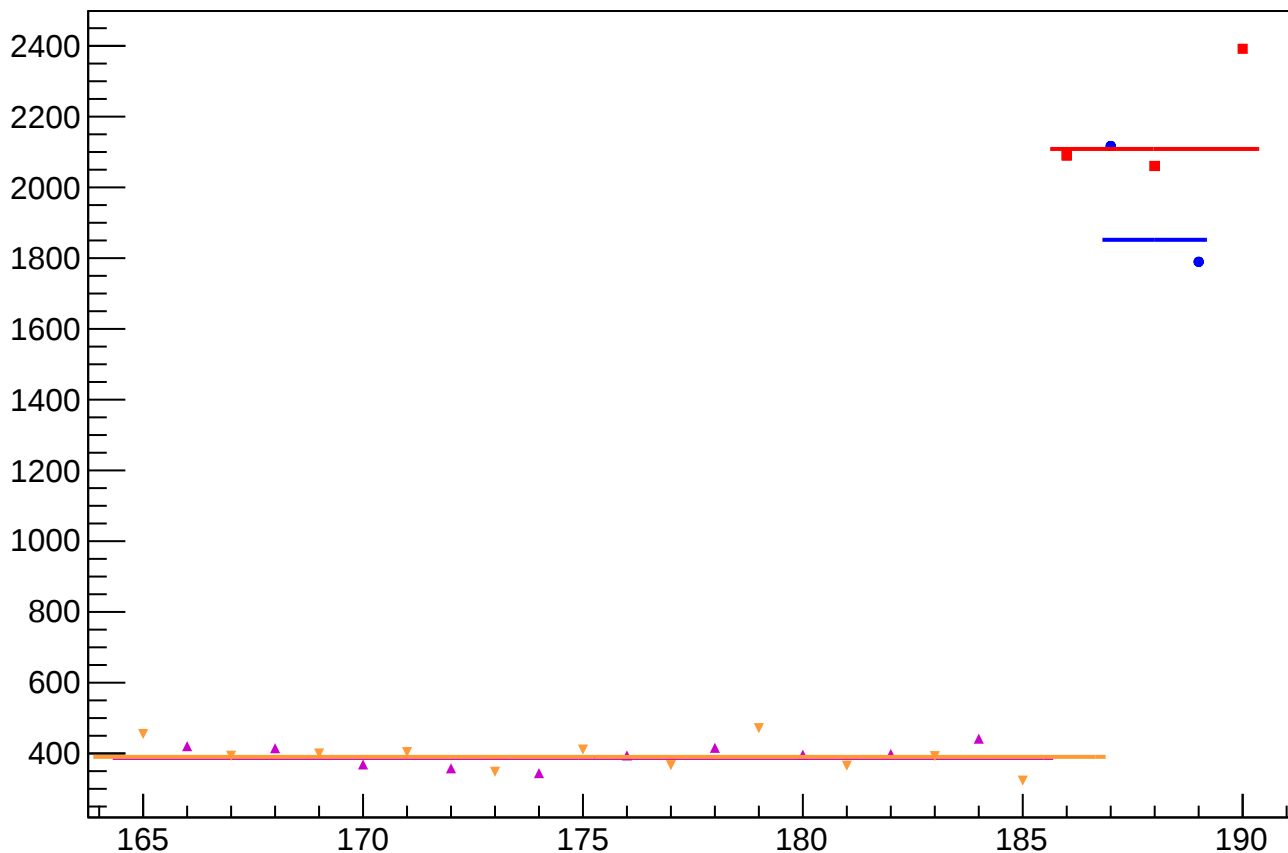
Right: -296.841 ± 1110.902 $\chi^2/\text{NDF}: 1.4/8$

In: 66.882 ± 144.190 $\chi^2/\text{NDF}: 16.3/13$

Out: -218.983 ± 140.097 $\chi^2/\text{NDF}: 24.2/15$

All: -80.165 ± 100.479 $\chi^2/\text{NDF}: 42.6/29$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left: 388.900+/-0.071 χ^2/NDF : 207066.1/20

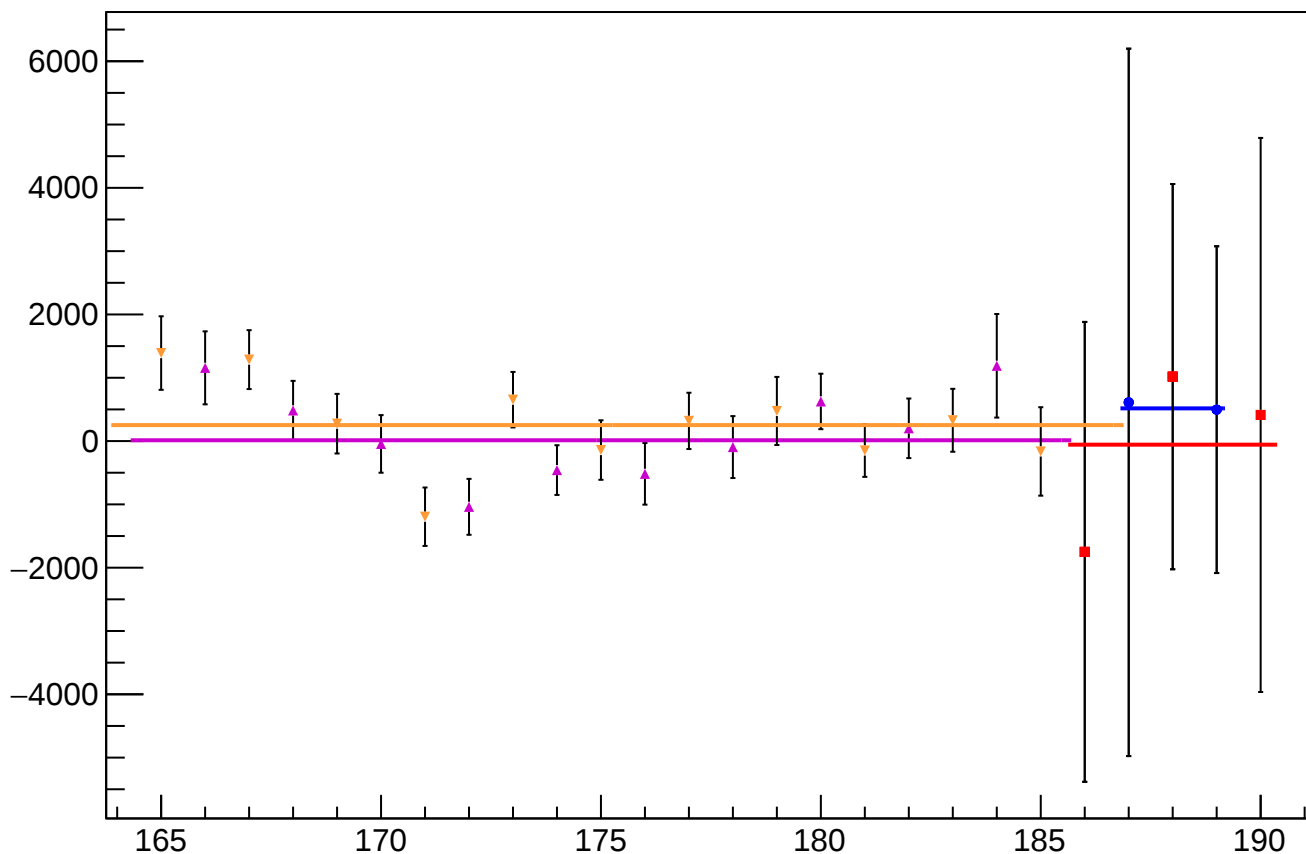
Right: 1996.182+/-0.786 χ^2/NDF : 47276.4/8

In: 398.168+/-0.102 χ^2/NDF :1595415.2/13

Out: 405.713+/-0.099 χ^2/NDF :2808476.7/15

All: 402.049+/-0.071 χ^2/NDF : 4406708.7/29

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left: 136.884+/-105.079 χ^2/NDF : 40.5/20

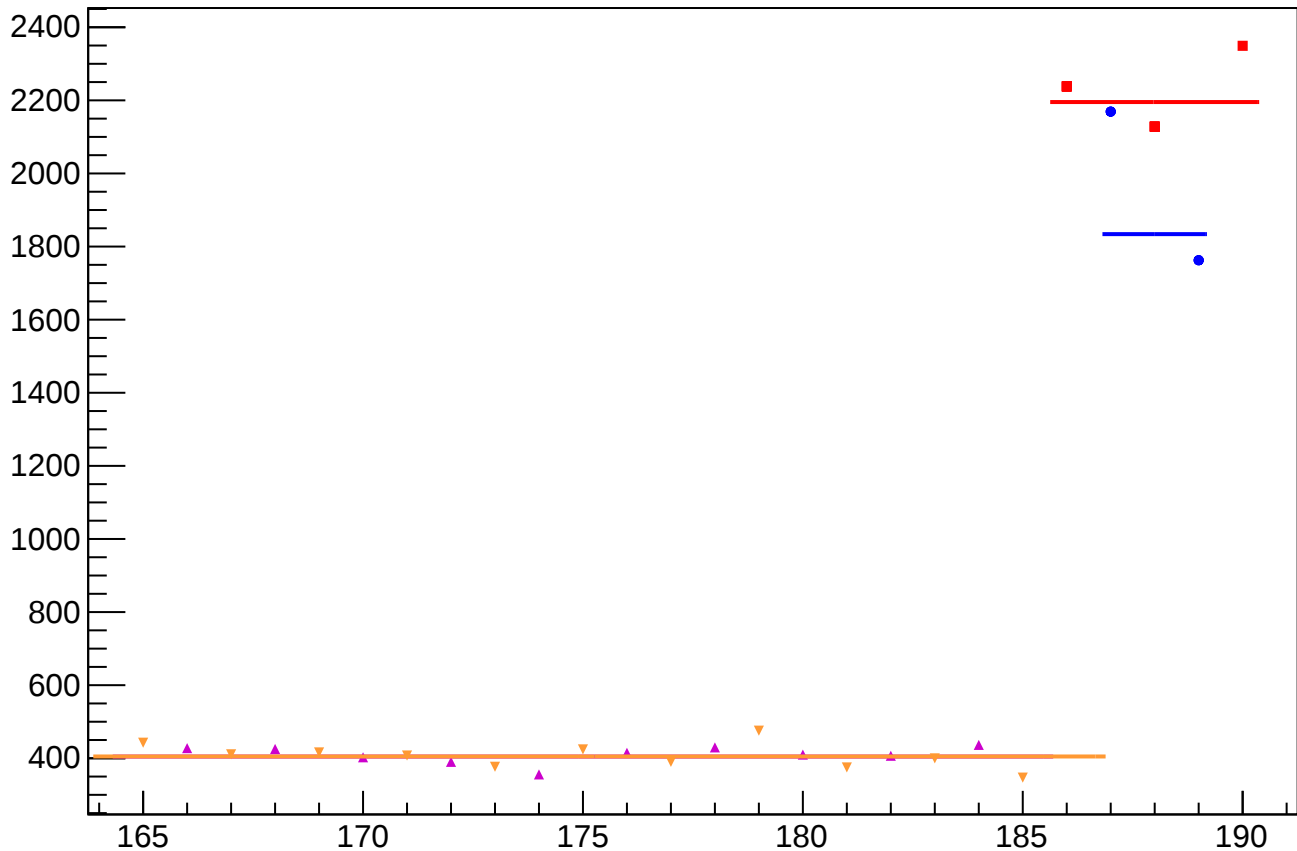
Right: 209.529+/-1129.284 χ^2/NDF : 0.8/8

In: 17.011+/-150.701 χ^2/NDF : 17.6/13

Out: 249.635+/-145.373 χ^2/NDF : 22.4/15

All: 137.508+/-104.627 χ^2/NDF : 41.2/29

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1834.018+/-1.172 χ^2/NDF : 17469.8/3

Left Out: 404.938+/-0.103 χ^2/NDF : 82522.0/10

Right Out: 2195.386+/-1.091 χ^2/NDF : 4974.7/4

Left In: 404.695+/-0.107 χ^2/NDF : 49863.7/9

Left: 404.821+/-0.074 χ^2/NDF : 132388.4/20

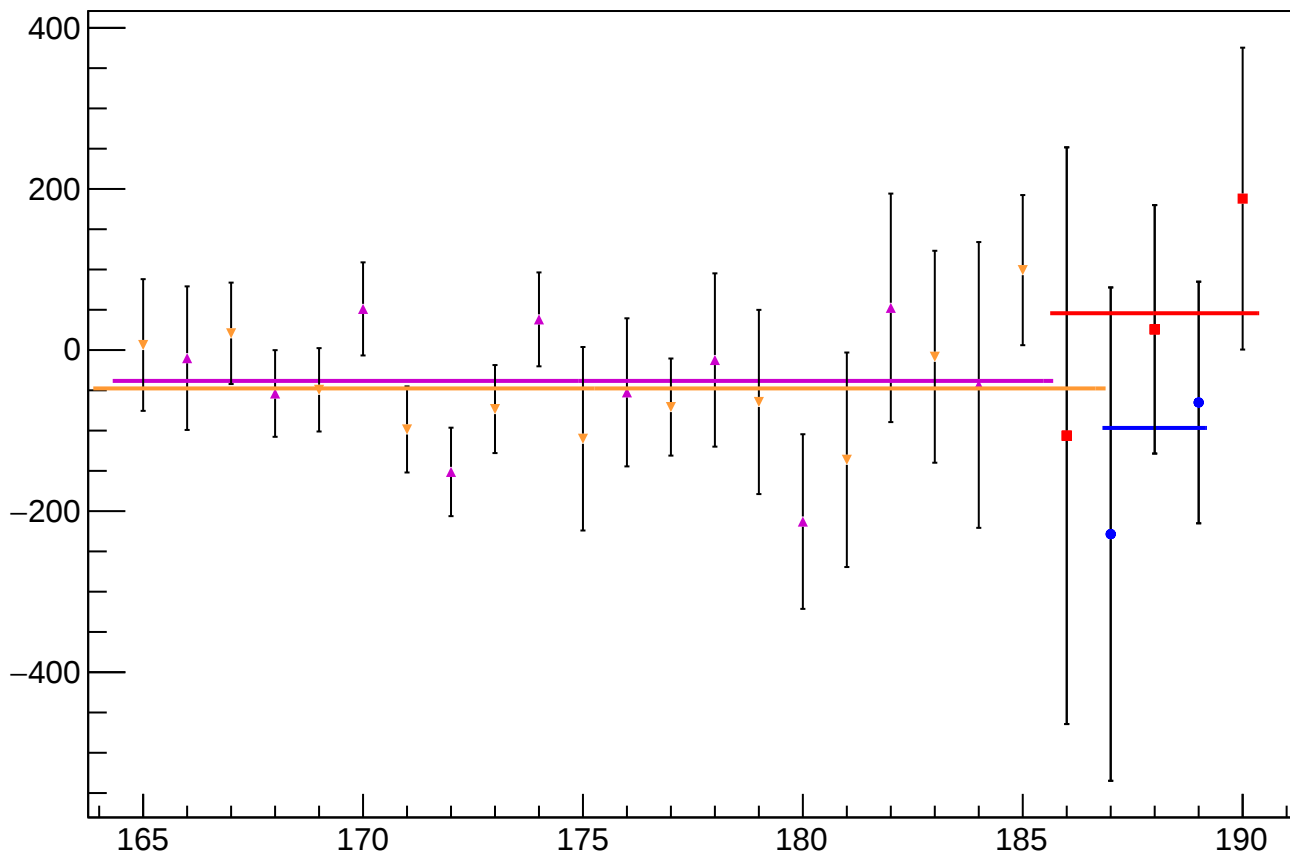
Right: 2027.502+/-0.799 χ^2/NDF : 73386.7/8

In: 416.520+/-0.107 χ^2/NDF : 1543507.0/13

Out: 420.824+/-0.103 χ^2/NDF : 2755405.1/15

All: 418.750+/-0.074 χ^2/NDF : 4299757.1/29

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -96.710 ± 95.243 χ^2/NDF : 0.5/3

Left Out: -47.653 ± 21.728 χ^2/NDF : 6.2/10

Right Out: 45.706 ± 88.337 χ^2/NDF : 1.0/4

Left In: -38.310 ± 23.783 χ^2/NDF : 11.6/9

Left: -43.403 ± 16.041 χ^2/NDF : 17.9/20

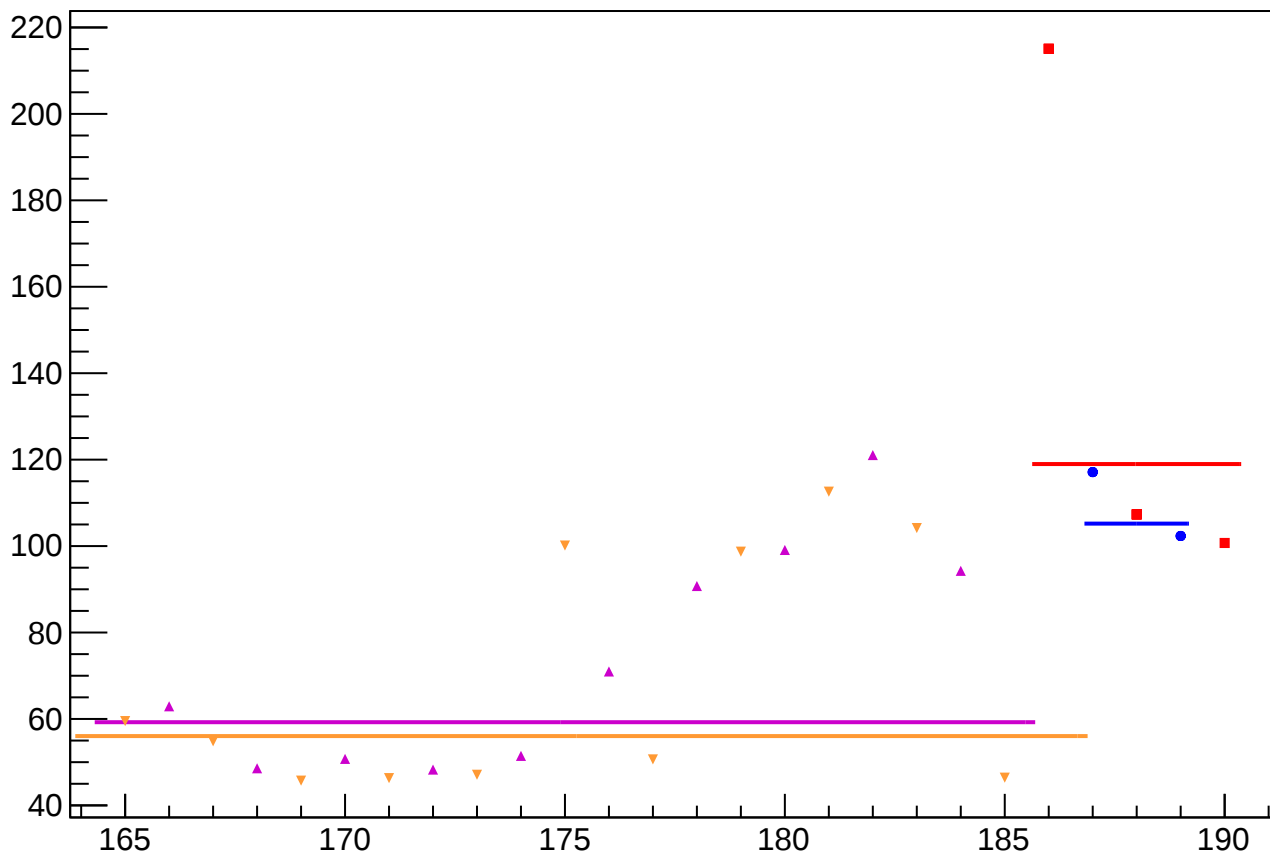
Right: -20.152 ± 64.768 χ^2/NDF : 2.6/8

In: -41.738 ± 23.074 χ^2/NDF : 12.4/13

Out: -42.327 ± 21.099 χ^2/NDF : 8.3/15

All: -42.059 ± 15.571 χ^2/NDF : 20.7/29

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 105.198 $\pm$ 0.067 χ^2 /NDF: 7510.0/3

Left Out: 56.036 $\pm$ 0.015 χ^2 /NDF:1447392.7/10

Right Out: 118.980 $\pm$ 0.062 χ^2 /NDF: 329946.2/4

Left In: 59.248 $\pm$ 0.017 χ^2 /NDF:1172660.8/9

Left: 57.498 $\pm$ 0.011 χ^2 /NDF: 2639936.1/20

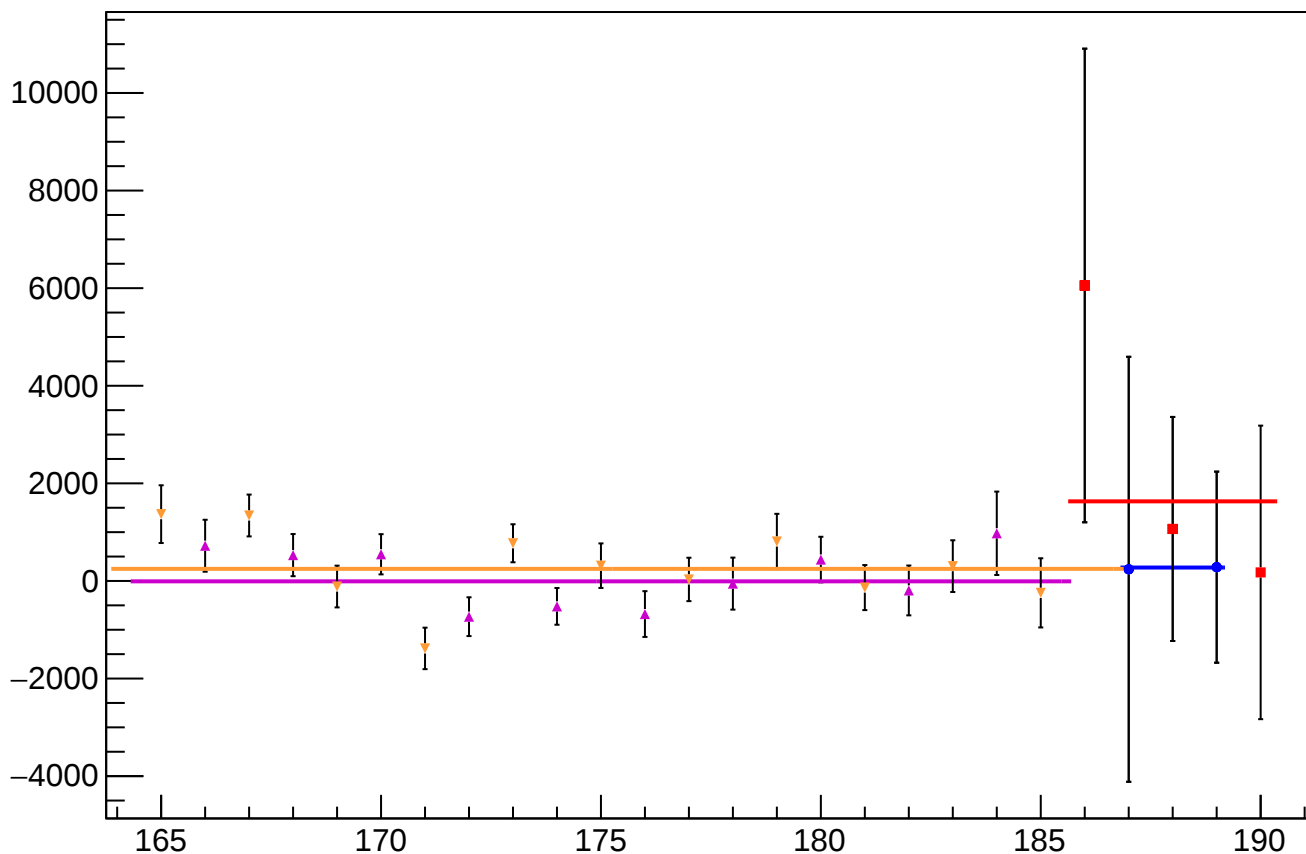
Right: 112.607 $\pm$ 0.046 χ^2 /NDF: 359969.4/8

In: 61.945 $\pm$ 0.016 χ^2 /NDF:1618359.9/13

Out: 59.627 $\pm$ 0.015 χ^2 /NDF:2734854.8/15

All: 60.683 $\pm$ 0.011 χ^2 /NDF: 4364208.9/29

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 274.965 $\pm$ 1262.736 χ^2/NDF : 0.0/3

Left Out: 247.814 $\pm$ 142.690 χ^2/NDF : 29.8/10

Right Out: 1631.234 $\pm$ 1318.818 χ^2/NDF : 2.0/4

Left In: -7.977 $\pm$ 147.413 χ^2/NDF : 14.8/9

Left: 124.082 $\pm$ 102.526 χ^2/NDF : 46.2/20

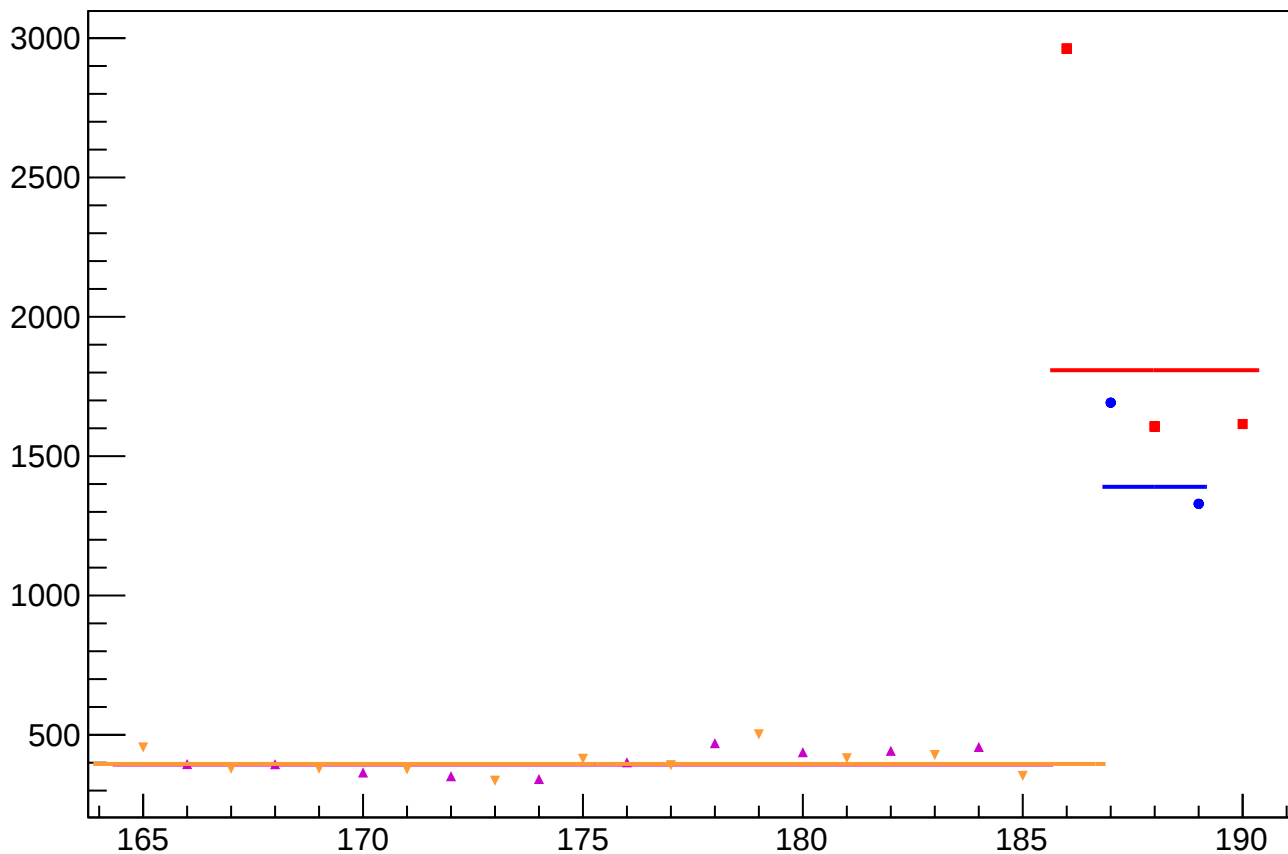
Right: 923.650 $\pm$ 912.071 χ^2/NDF : 2.6/8

In: -4.173 $\pm$ 146.418 χ^2/NDF : 14.9/13

Out: 263.822 $\pm$ 141.862 χ^2/NDF : 32.9/15

All: 134.059 $\pm$ 101.884 χ^2/NDF : 49.5/29

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1390.015 $\pm$ 0.893 χ^2/NDF : 23120.7/3

Left Out: 395.582 $\pm$ 0.101 χ^2/NDF : 170578.0/10

Right Out: 1808.351 $\pm$ 0.933 χ^2/NDF : 265405.1/4

Left In: 393.504 $\pm$ 0.104 χ^2/NDF : 159339.4/9

Left: 394.577 $\pm$ 0.072 χ^2/NDF : 330122.5/20

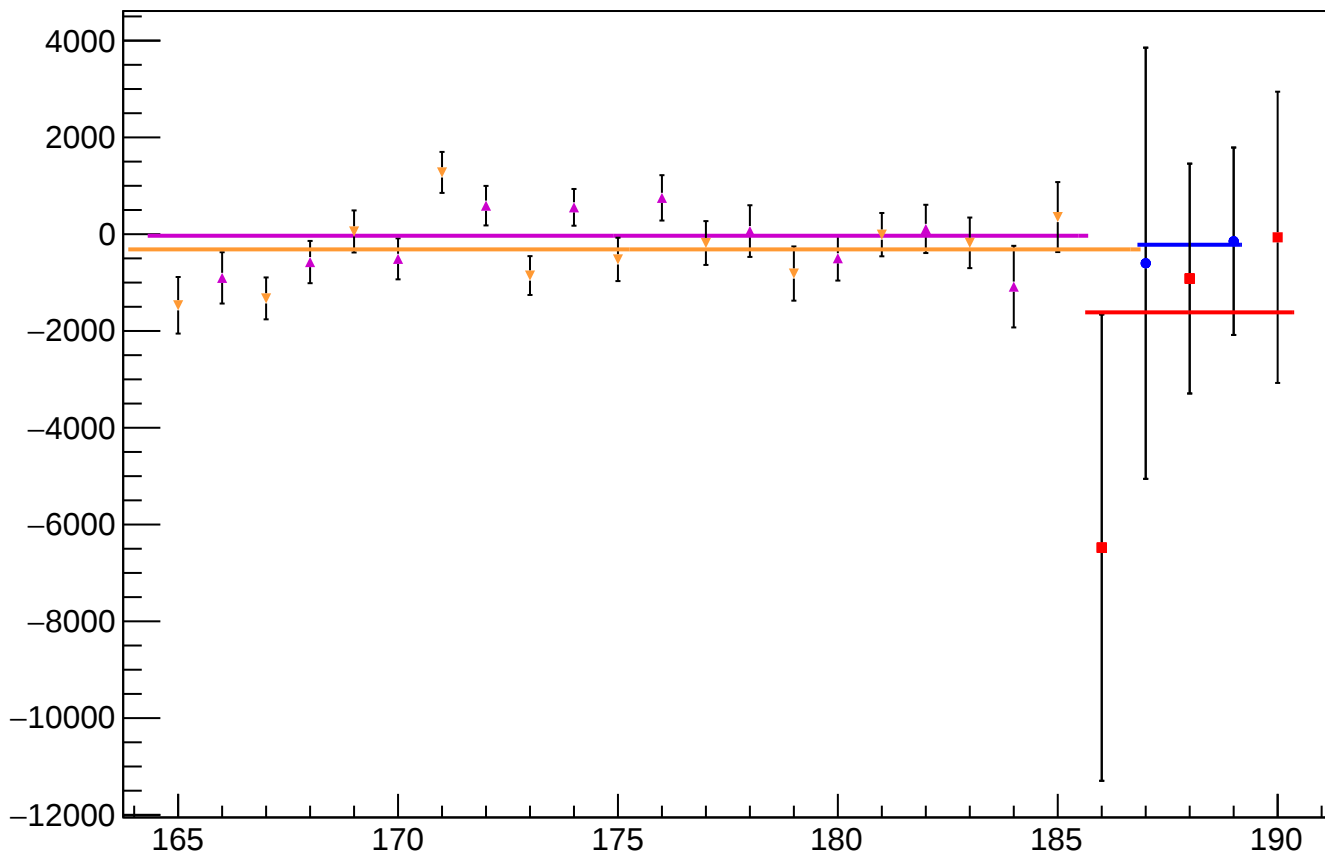
Right: 1590.099 $\pm$ 0.645 χ^2/NDF : 393514.9/8

In: 406.902 $\pm$ 0.104 χ^2/NDF : 1411286.1/13

Out: 411.929 $\pm$ 0.100 χ^2/NDF : 2704534.7/15

All: 409.495 $\pm$ 0.072 χ^2/NDF : 4117036.5/29

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -218.147 $\pm$ 1255.793 χ^2 /NDF: 0.0/3

Left Out: -314.047 $\pm$ 142.928 χ^2 /NDF:28.5/10

Right Out: -1615.137 $\pm$ 1346.923 χ^2 /NDF: 2.5/4

Left In: -32.098 $\pm$ 148.268 χ^2 /NDF:15.7/9

Left: -178.242 $\pm$ 102.901 χ^2 /NDF: 46.1/20

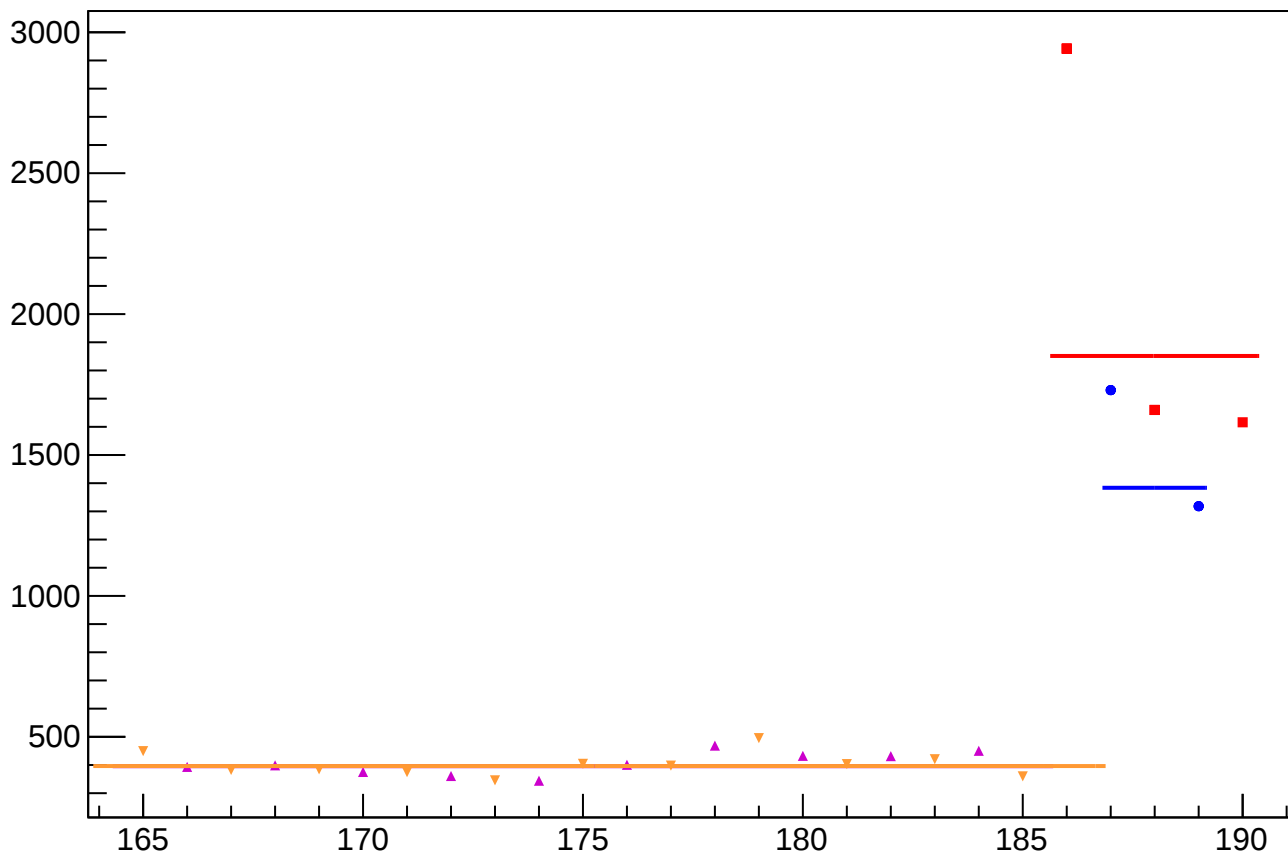
Right: -867.788 $\pm$ 918.508 χ^2 /NDF: 3.1/8

In: -34.656 $\pm$ 147.245 χ^2 /NDF:15.7/13

Out: -328.534 $\pm$ 142.130 χ^2 /NDF:31.9/15

All: -186.789 $\pm$ 102.262 χ^2 /NDF: 49.7/29

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left: 396.021 $\pm$ 0.073 χ^2/NDF : 255264.6/20

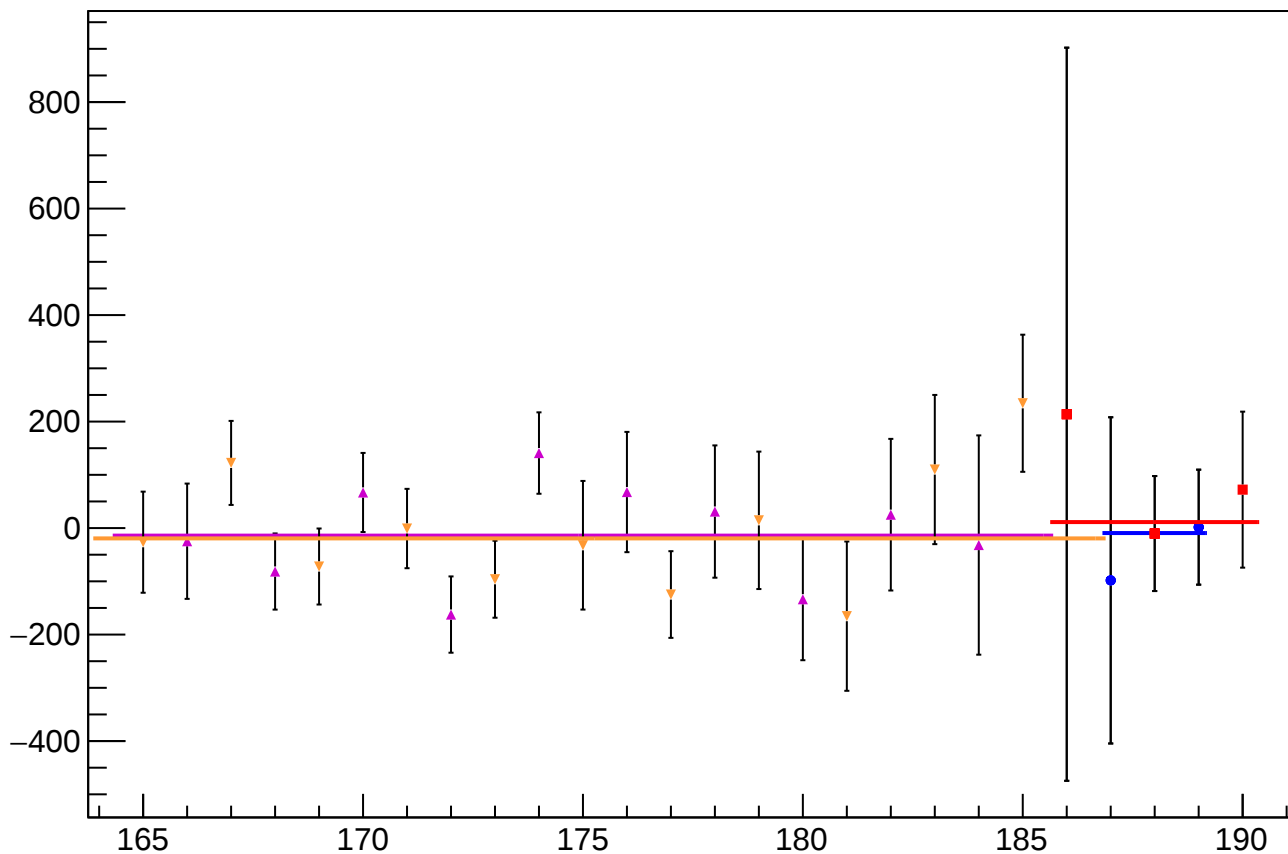
Right: 1601.220 $\pm$ 0.649 χ^2/NDF : 400954.5/8

In: 409.336 $\pm$ 0.104 χ^2/NDF : 1374685.4/13

Out: 412.473 $\pm$ 0.101 χ^2/NDF : 2681737.1/15

All: 410.960 $\pm$ 0.072 χ^2/NDF : 4056892.5/29

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -9.337 ± 72.013 $\chi^2/\text{NDF}: 0.2/3$

Left Out: -19.391 ± 27.939 $\chi^2/\text{NDF}: 12.5/10$

Right Out: 11.266 ± 67.065 $\chi^2/\text{NDF}: 0.4/4$

Left In: -14.170 ± 29.873 $\chi^2/\text{NDF}: 12.3/9$

Left: -16.955 ± 20.405 $\chi^2/\text{NDF}: 24.9/20$

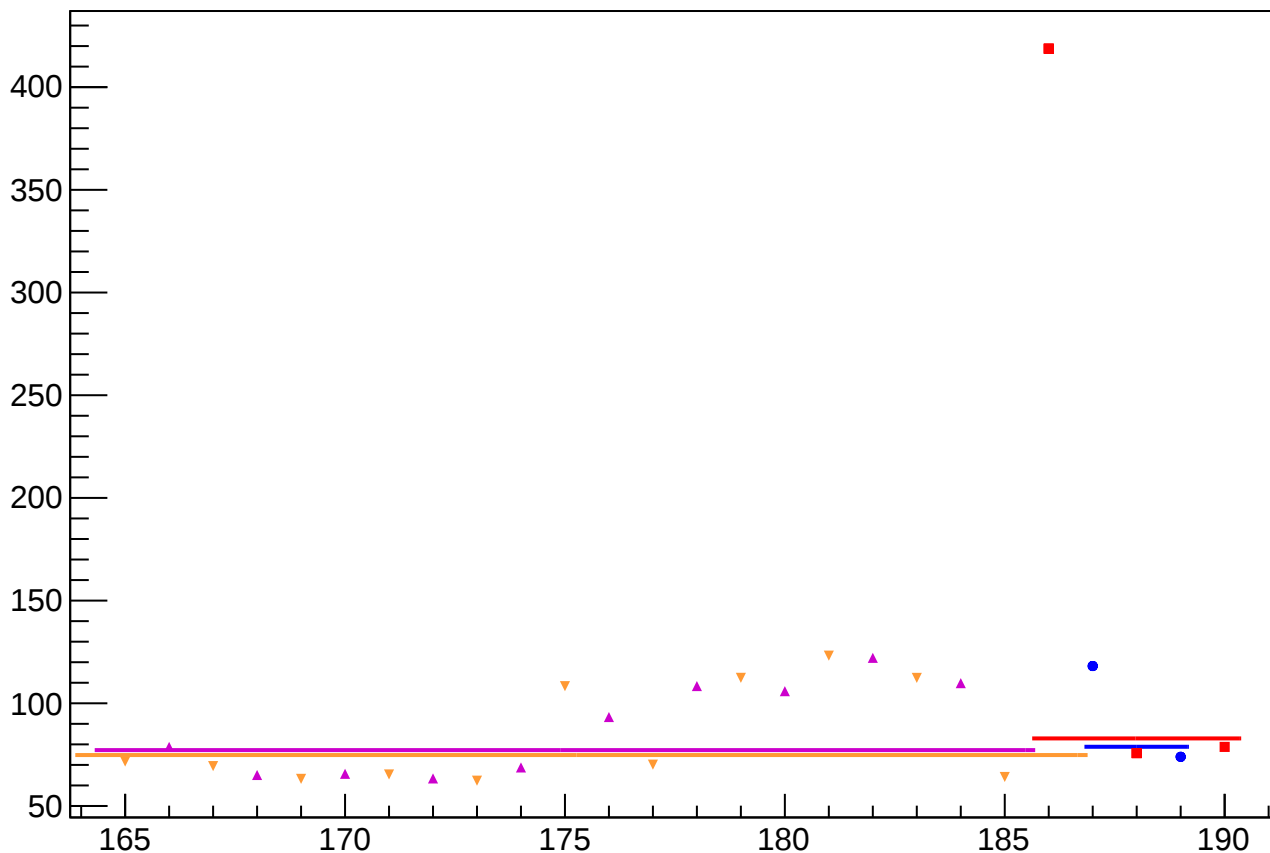
Right: 1.697 ± 49.078 $\chi^2/\text{NDF}: 0.7/8$

In: -13.460 ± 27.593 $\chi^2/\text{NDF}: 12.5/13$

Out: -14.857 ± 25.791 $\chi^2/\text{NDF}: 13.2/15$

All: -14.206 ± 18.842 $\chi^2/\text{NDF}: 25.7/29$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 78.833 $\pm$ 0.051 χ^2/NDF : 74059.0/3

Left Out: 74.802 $\pm$ 0.020 χ^2/NDF : 882434.4/10

Right Out: 82.897 $\pm$ 0.047 χ^2/NDF : 971115.2/4

Left In: 77.210 $\pm$ 0.021 χ^2/NDF : 746266.2/9

Left: 75.926 $\pm$ 0.014 χ^2/NDF : 1635632.7/20

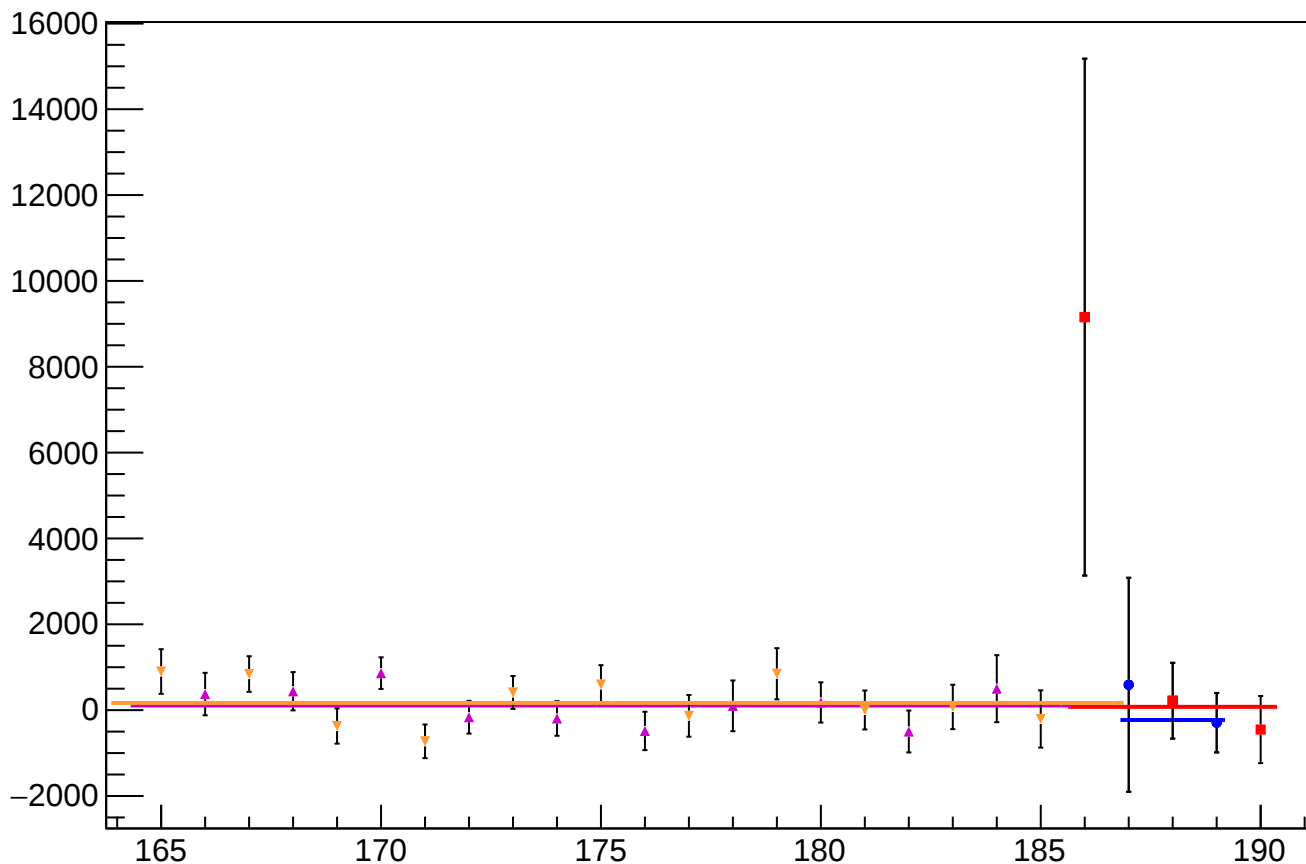
Right: 81.010 $\pm$ 0.035 χ^2/NDF : 1048584.9/8

In: 77.448 $\pm$ 0.020 χ^2/NDF : 821192.2/13

Out: 75.999 $\pm$ 0.018 χ^2/NDF : 1878378.5/15

All: 76.675 $\pm$ 0.013 χ^2/NDF : 2702515.1/29

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left: 139.737 $\pm$ 100.333 χ^2/NDF : 24.8/20

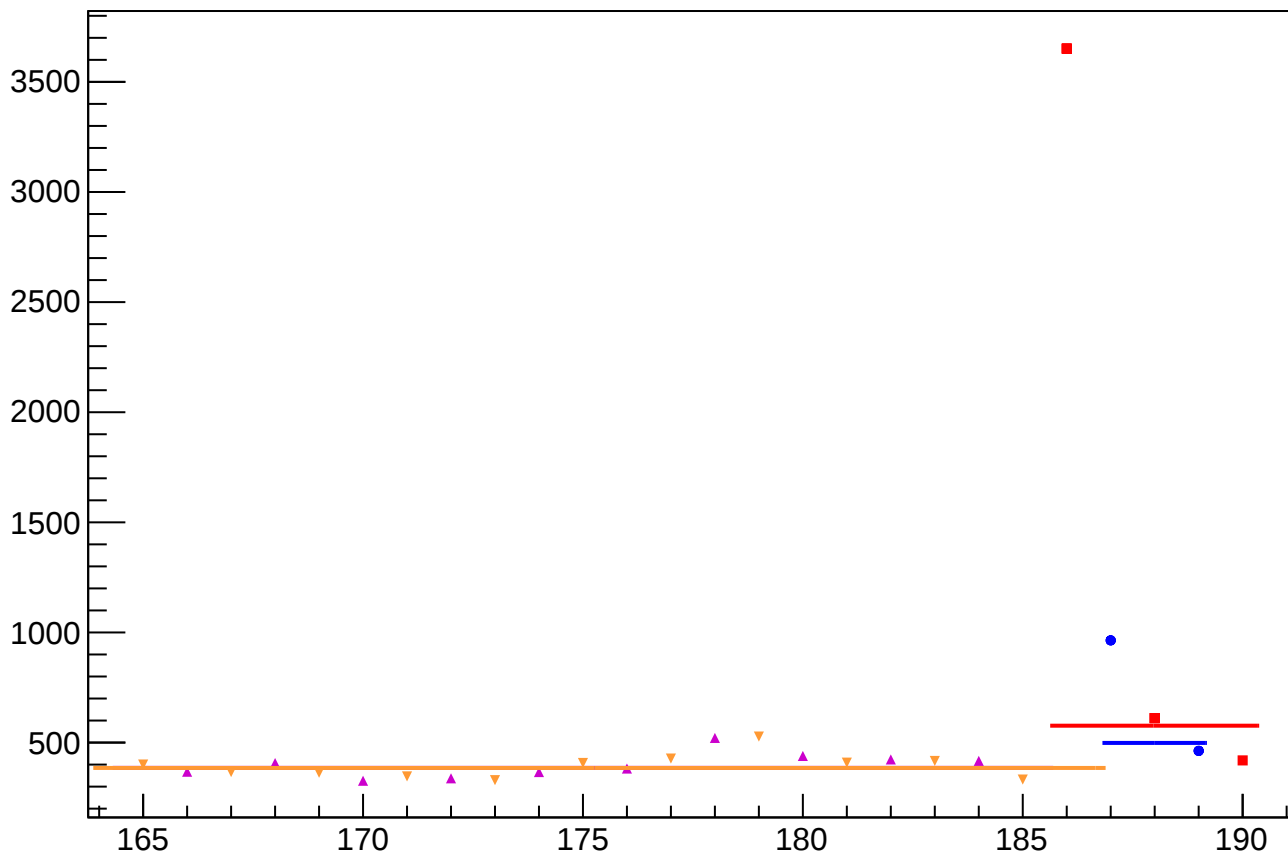
Right: -80.223 $\pm$ 338.028 χ^2/NDF : 5.5/8

In: 79.624 $\pm$ 138.373 χ^2/NDF :10.4/13

Out: 161.478 $\pm$ 133.796 χ^2/NDF :20.1/15

All: 121.927 $\pm$ 96.185 χ^2/NDF : 30.6/29

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 498.397+/-0.334 χ^2/NDF : 150283.2/3

Left Out: 384.773+/-0.098 χ^2/NDF : 233295.8/10

Right Out: 576.646+/-0.343 χ^2/NDF : 1130291.4/4

Left In: 385.127+/-0.102 χ^2/NDF : 241148.2/9

Left: 384.943+/-0.071 χ^2/NDF : 474450.2/20

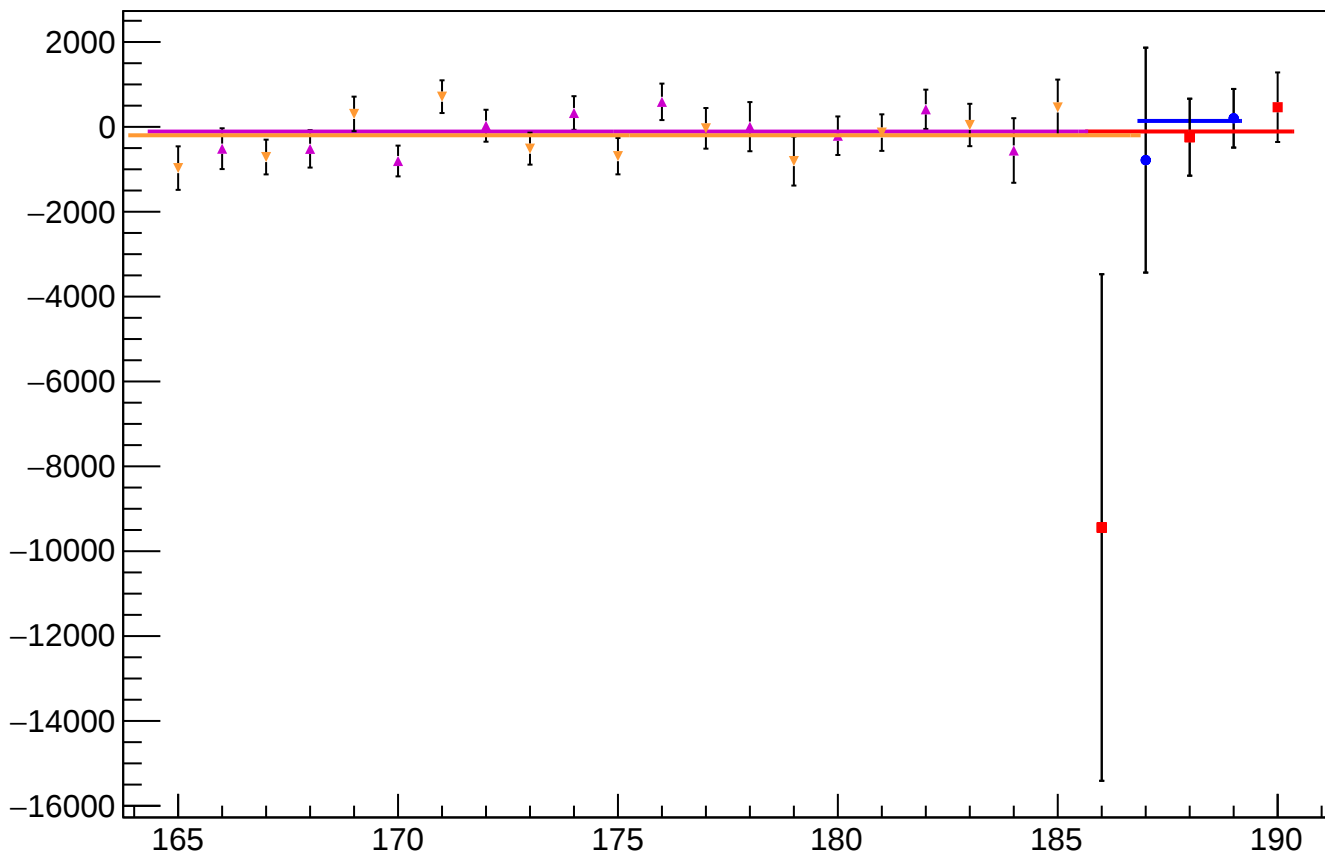
Right: 536.463+/-0.239 χ^2/NDF : 1307348.6/8

In: 394.874+/-0.098 χ^2/NDF : 496829.7/13

Out: 399.396+/-0.095 χ^2/NDF : 1653180.0/15

All: 397.211+/-0.068 χ^2/NDF : 2151113.7/29

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 139.802 $\pm$ 472.821 χ^2 /NDF: 0.3/3

Left Out: -198.385 $\pm$ 135.944 χ^2 /NDF:15.4/10

Right Out: -108.759 $\pm$ 501.508 χ^2 /NDF: 5.4/4

Left In: -110.748 $\pm$ 141.232 χ^2 /NDF:10.9/9

Left: -156.238 $\pm$ 97.943 χ^2 /NDF: 26.6/20

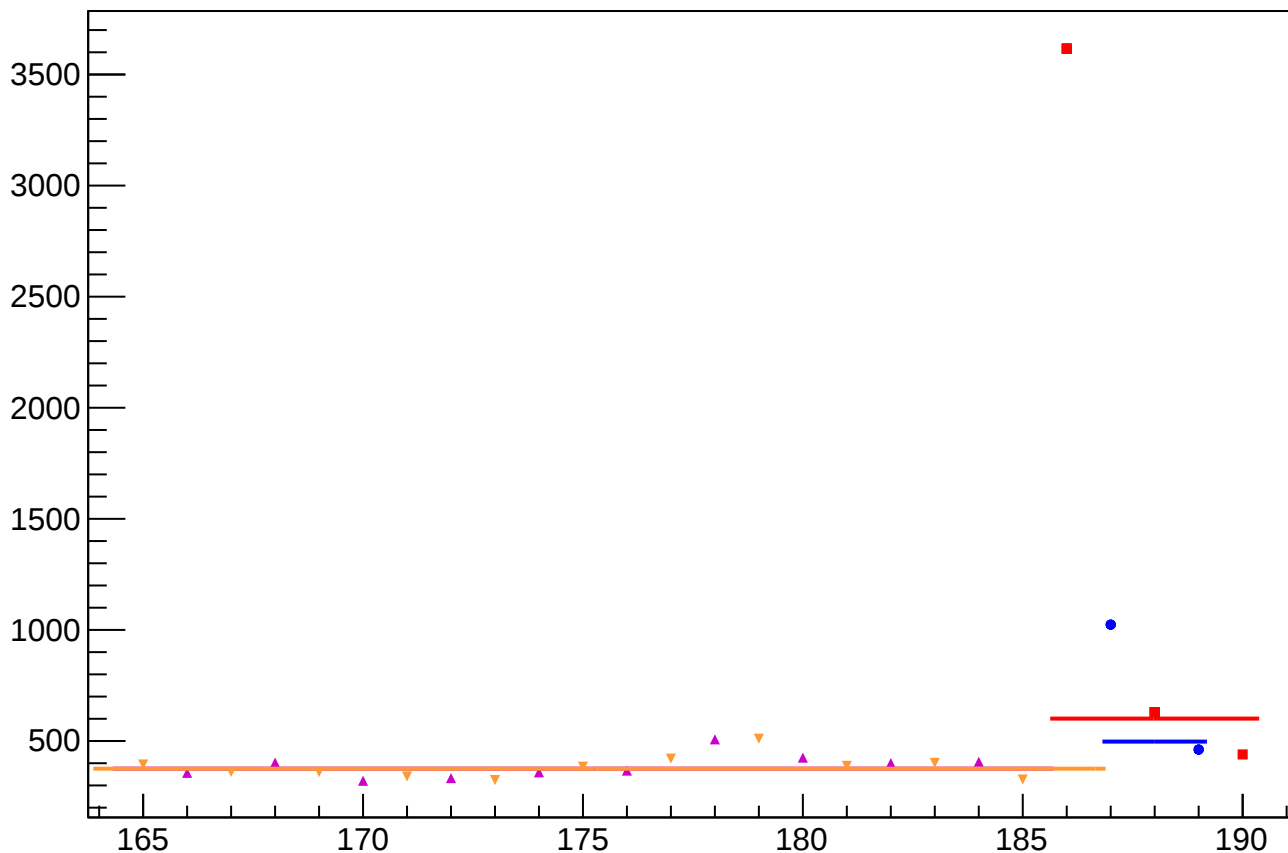
Right: 22.834 $\pm$ 344.029 χ^2 /NDF: 5.8/8

In: -90.224 $\pm$ 135.324 χ^2 /NDF:11.5/13

Out: -192.251 $\pm$ 131.209 χ^2 /NDF:20.9/15

All: -142.813 $\pm$ 94.200 χ^2 /NDF: 32.6/29

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 375.539 $\pm$ 0.069 χ^2/NDF : 429905.2/20

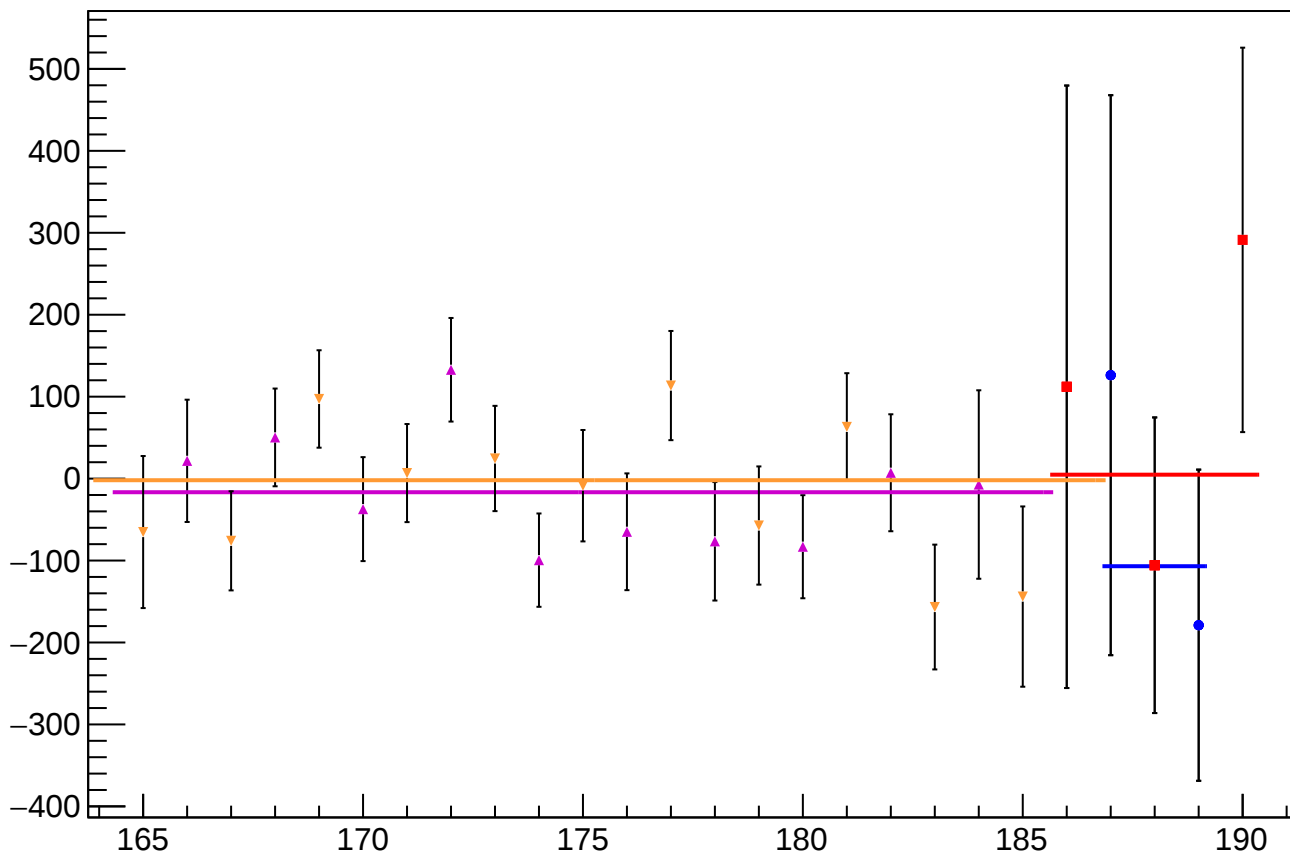
Right: 546.063 $\pm$ 0.243 χ^2/NDF : 1316362.8/8

In: 385.539 $\pm$ 0.096 χ^2/NDF :512676.3/13

Out: 390.941 $\pm$ 0.093 χ^2/NDF :1686479.9/15

All: 388.323 $\pm$ 0.067 χ^2/NDF : 2200799.4/29

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -106.920 ± 117.364 χ^2/NDF : 1.2/3

Left Out: -1.967 ± 20.782 χ^2/NDF : 15.3/10

Right Out: 4.796 ± 102.904 χ^2/NDF : 2.4/4

Left In: -16.615 ± 21.414 χ^2/NDF : 11.7/9

Left: -9.071 ± 14.913 χ^2/NDF : 27.3/20

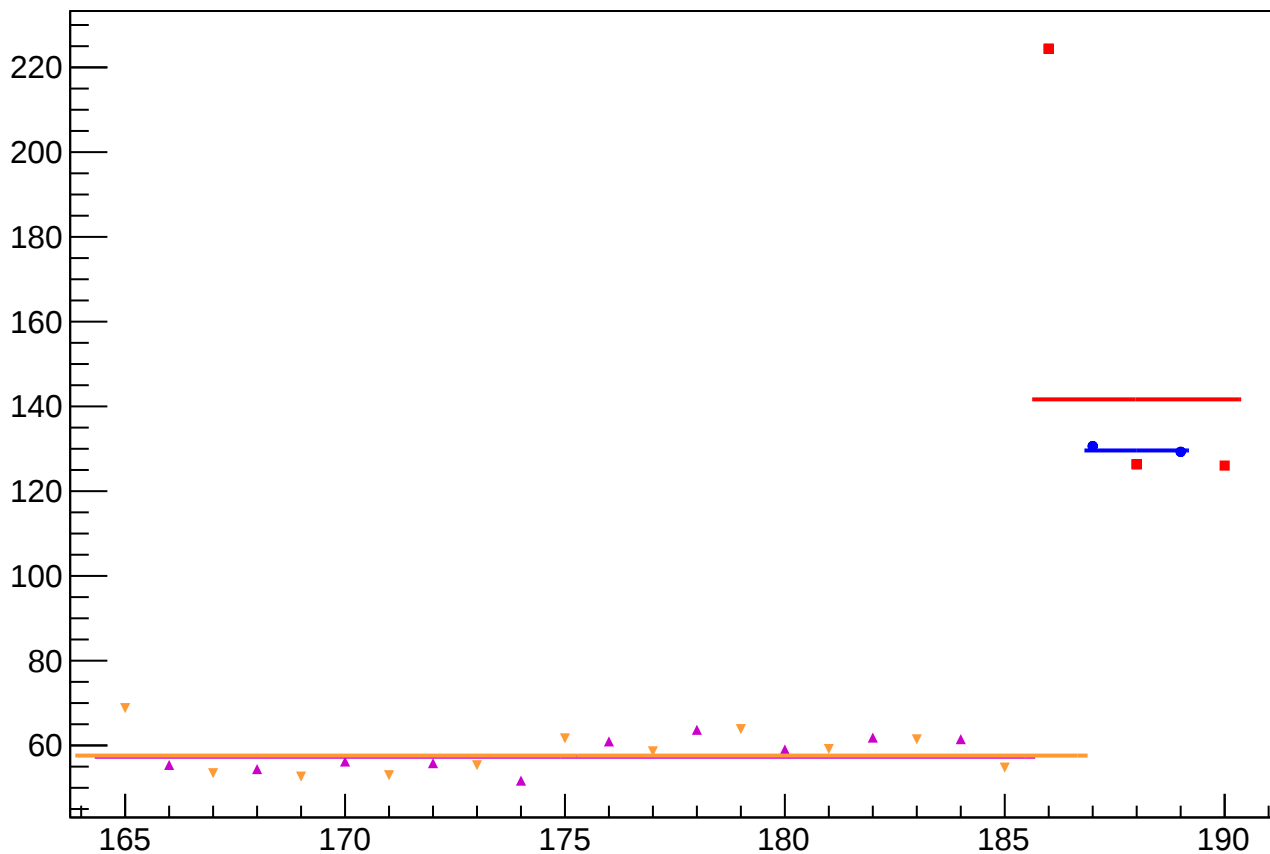
Right: -43.760 ± 77.374 χ^2/NDF : 4.1/8

In: -19.524 ± 21.066 χ^2/NDF : 13.5/13

Out: -1.702 ± 20.371 χ^2/NDF : 17.7/15

All: -10.314 ± 14.644 χ^2/NDF : 31.6/29

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left: 57.475 $\pm$ 0.011 χ^2/NDF : 157519.8/20

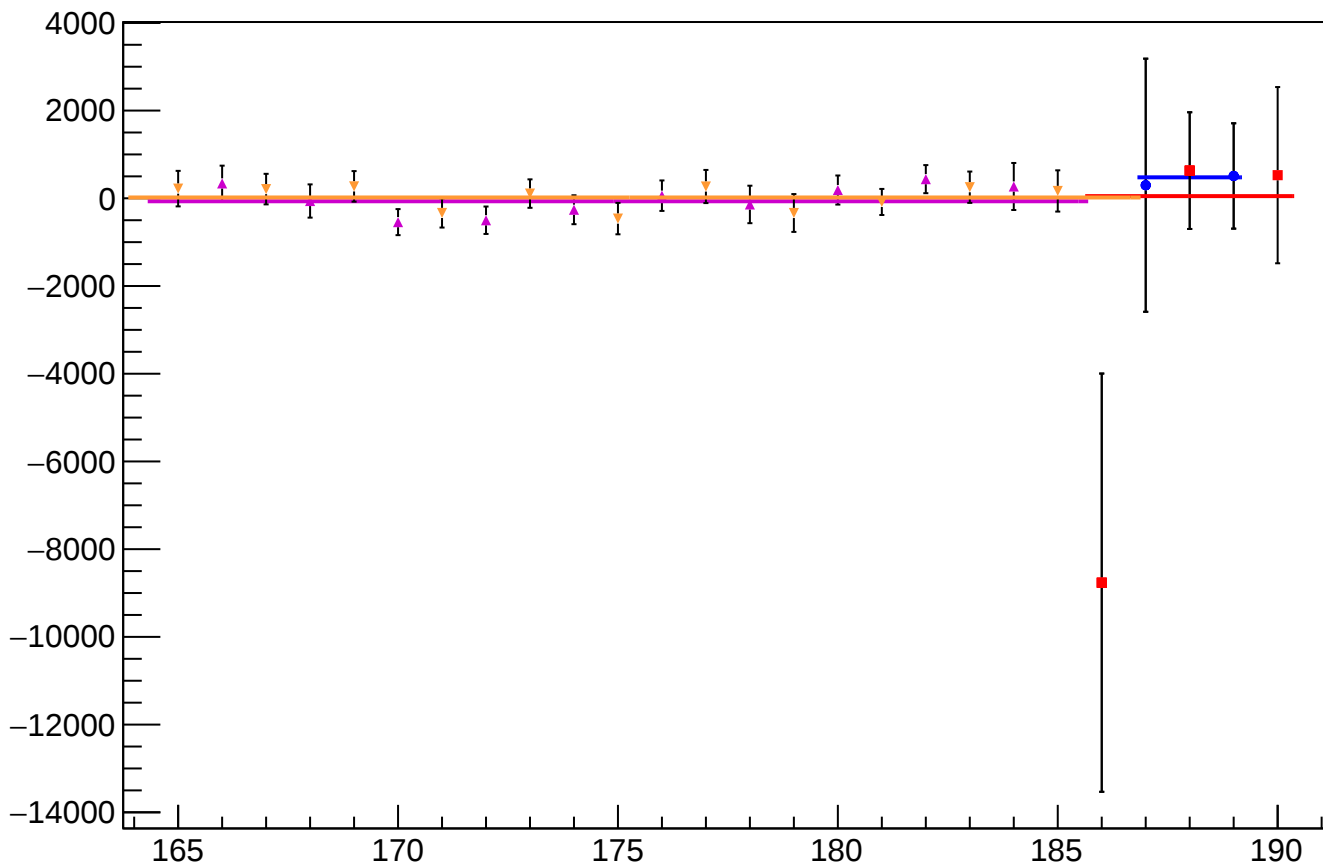
Right: 136.419 $\pm$ 0.055 χ^2/NDF : 252189.8/8

In: 59.663 $\pm$ 0.015 χ^2/NDF : 794200.9/13

Out: 60.900 $\pm$ 0.014 χ^2/NDF : 1619375.1/15

All: 60.302 $\pm$ 0.010 χ^2/NDF : 2417143.5/29

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 477.821 ± 784.100 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 18.444 ± 108.478 $\chi^2/\text{NDF}: 5.8/10$

Right Out: 49.499 ± 826.036 $\chi^2/\text{NDF}: 7.3/4$

Left In: -67.843 ± 111.863 $\chi^2/\text{NDF}: 9.5/9$

Left: -23.375 ± 77.875 $\chi^2/\text{NDF}: 15.6/20$

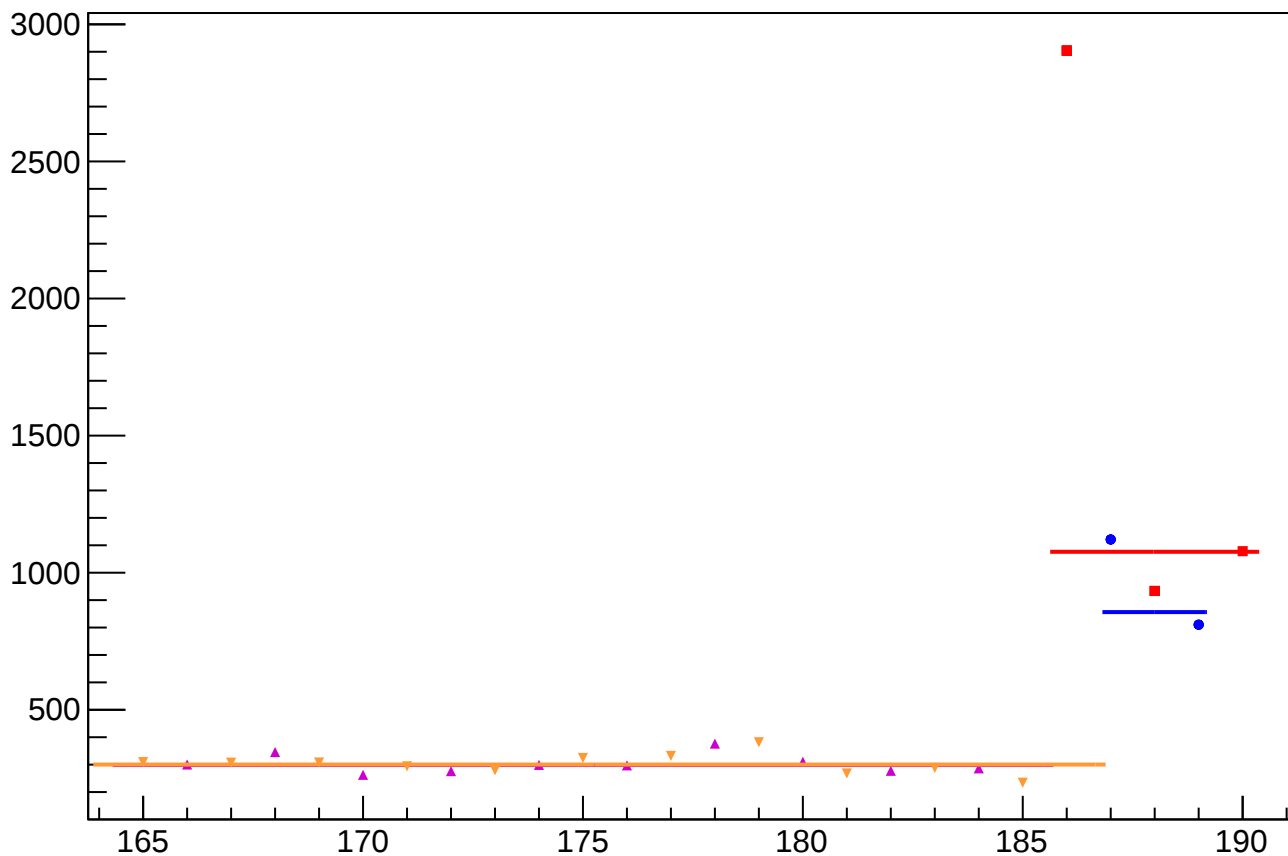
Right: 274.808 ± 568.690 $\chi^2/\text{NDF}: 7.4/8$

In: -56.959 ± 110.742 $\chi^2/\text{NDF}: 9.9/13$

Out: 18.970 ± 107.555 $\chi^2/\text{NDF}: 13.1/15$

All: -17.886 ± 77.155 $\chi^2/\text{NDF}: 23.3/29$

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left: 299.440 $\pm$ 0.055 χ^2/NDF : 321466.8/20

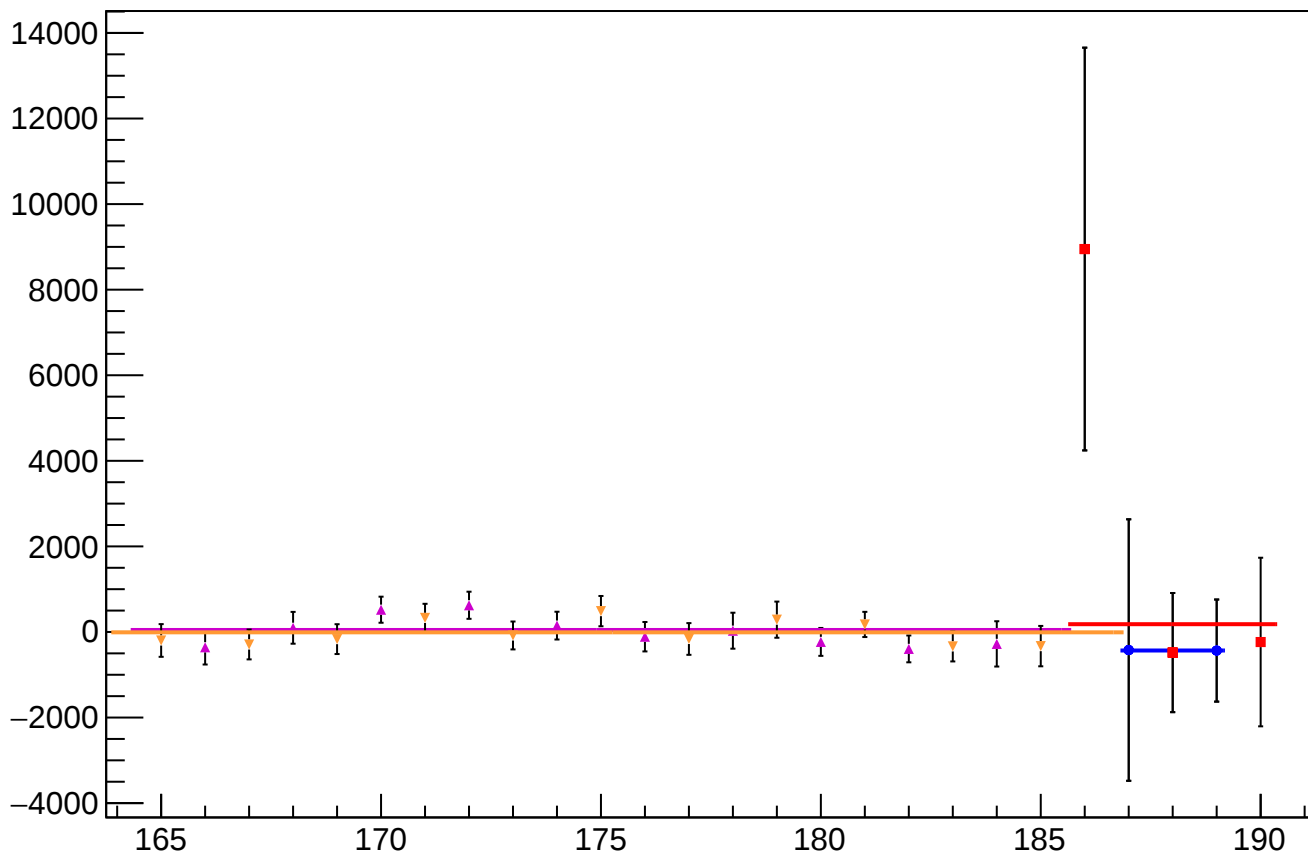
Right: 960.589 $\pm$ 0.402 χ^2/NDF : 748124.1/8

In: 309.649 $\pm$ 0.078 χ^2/NDF :1181009.0/13

Out: 313.459 $\pm$ 0.076 χ^2/NDF :2540799.8/15

All: 311.610 $\pm$ 0.055 χ^2/NDF : 3723026.4/29

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left: 18.146+/-77.197 χ^2/NDF : 16.9/20

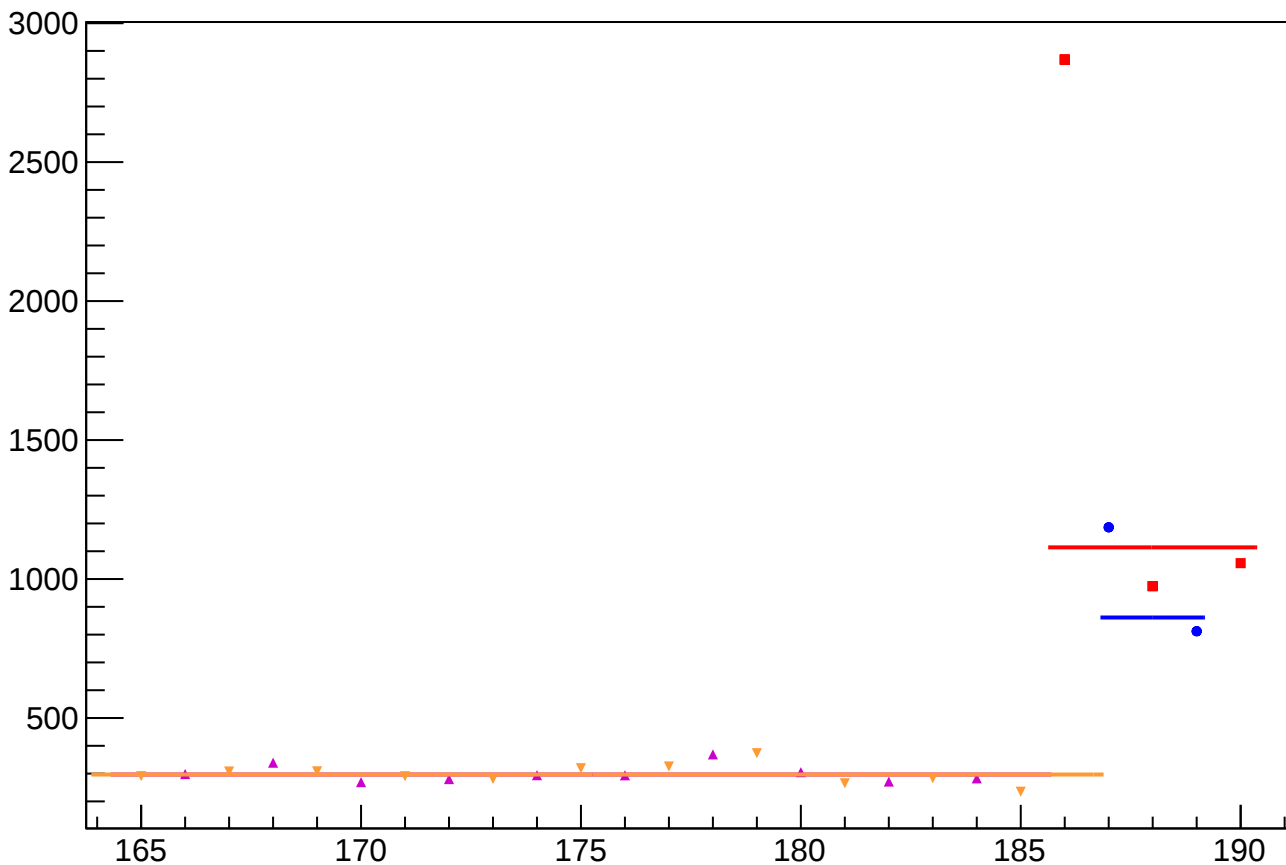
Right: -150.153+/-577.500 χ^2/NDF : 7.7/8

In: 37.249+/-110.098 χ^2/NDF : 10.5/13

Out: -5.416+/-106.416 χ^2/NDF : 14.1/15

All: 15.191+/-76.516 χ^2/NDF : 24.7/29

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 861.588 $\pm$ 0.556 χ^2/NDF : 51968.2/3

Left Out: 296.730 $\pm$ 0.076 χ^2/NDF : 156535.2/10

Right Out: 1113.901 $\pm$ 0.602 χ^2/NDF : 597962.3/4

Left In: 296.691 $\pm$ 0.079 χ^2/NDF : 123085.8/9

Left: 296.711 $\pm$ 0.055 χ^2/NDF : 279621.1/20

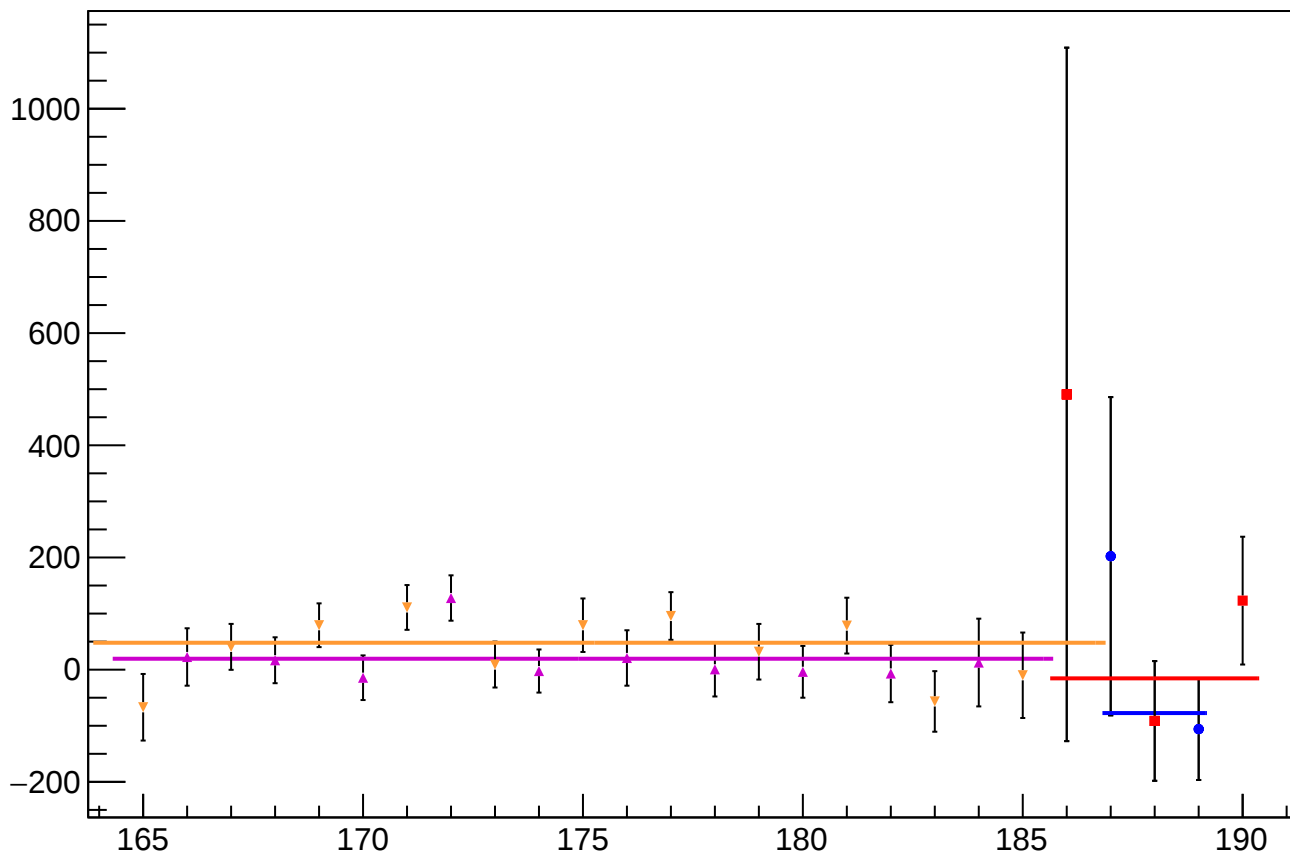
Right: 977.649 $\pm$ 0.408 χ^2/NDF : 744762.5/8

In: 307.778 $\pm$ 0.078 χ^2/NDF : 1188169.9/13

Out: 309.494 $\pm$ 0.075 χ^2/NDF : 2567763.7/15

All: 308.665 $\pm$ 0.054 χ^2/NDF : 3756184.7/29

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left: 34.226 ± 10.085 χ^2/NDF : 25.2/20

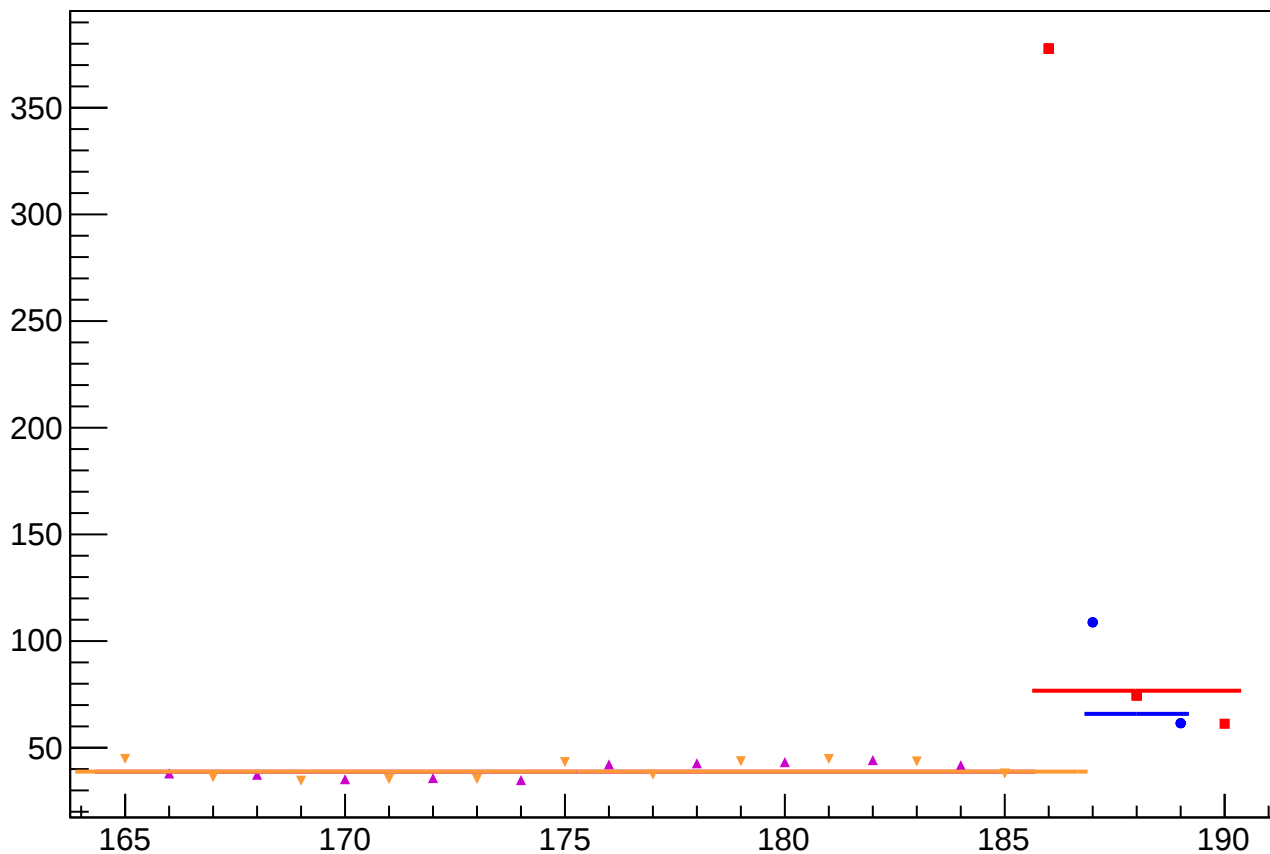
Right: -47.014 ± 43.610 χ^2/NDF : 6.5/8

In: 14.316 ± 14.116 χ^2/NDF : 13.4/13

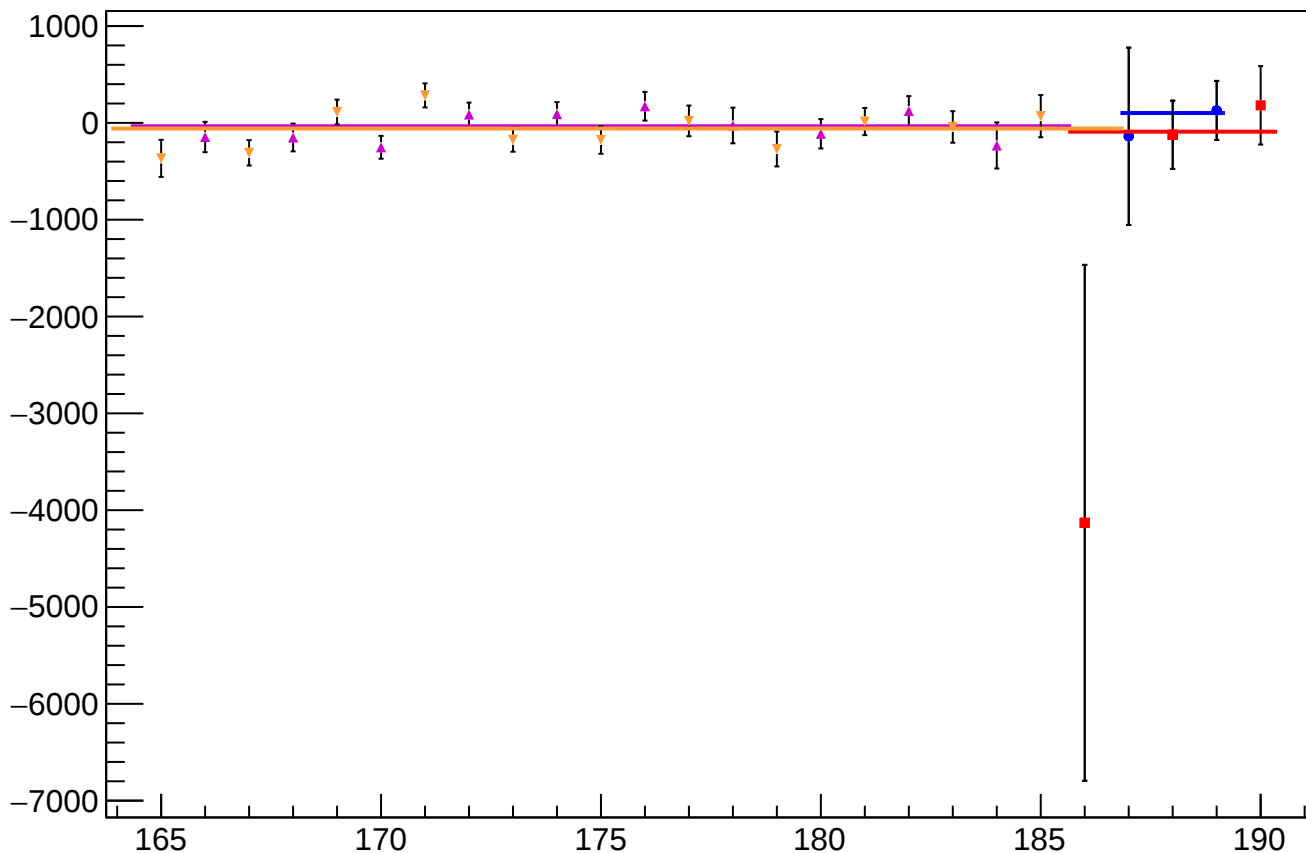
Out: 44.938 ± 13.685 χ^2/NDF : 19.1/15

All: 30.102 ± 9.826 χ^2/NDF : 35.0/29

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left: -47.113 $\pm$ 31.975 χ^2/NDF : 30.1/20

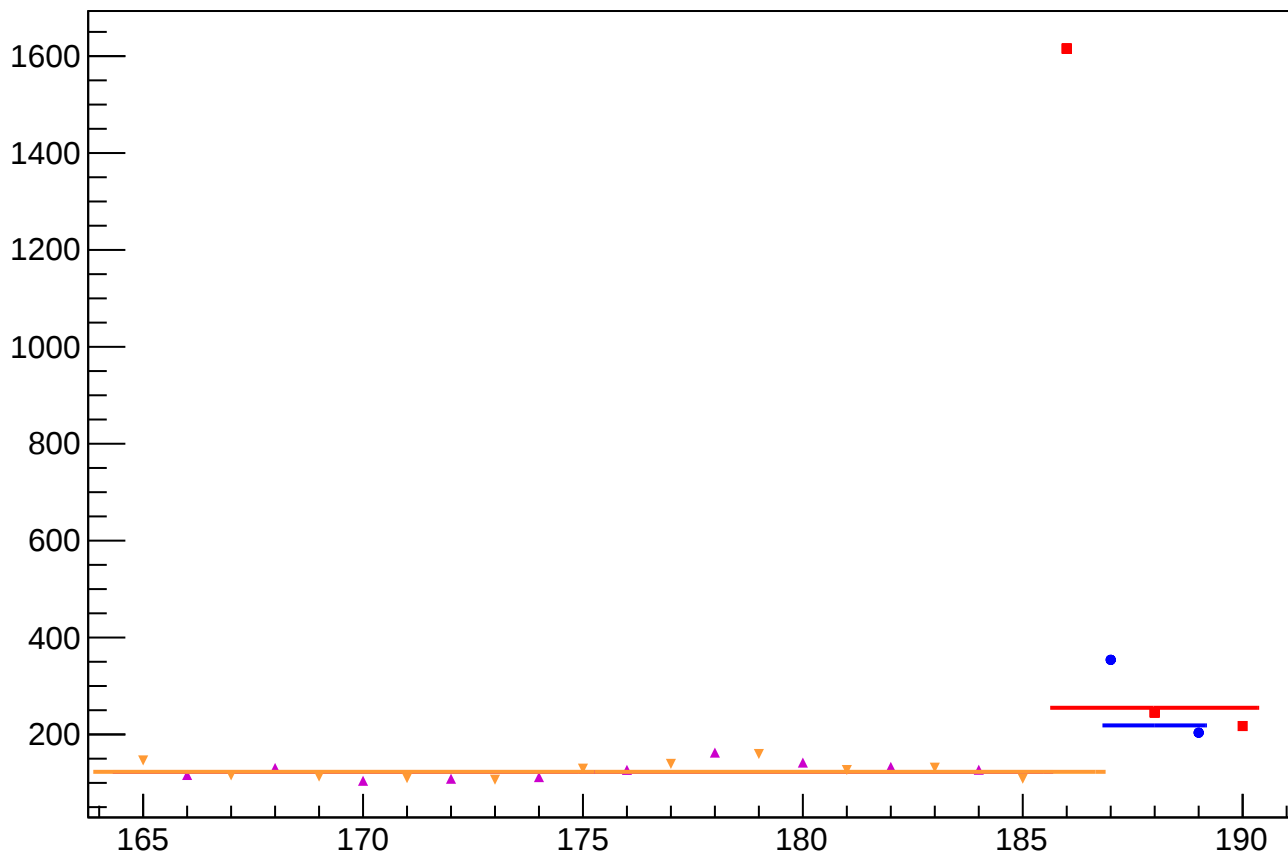
Right: 8.541 $\pm$ 146.830 χ^2/NDF : 5.6/8

In: -28.417 $\pm$ 44.904 χ^2/NDF :11.1/13

Out: -59.772 $\pm$ 43.499 χ^2/NDF :24.5/15

All: -44.593 $\pm$ 31.243 χ^2/NDF : 35.9/29

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left: 122.685 $\pm$ 0.023 χ^2 /NDF: 465752.2/20

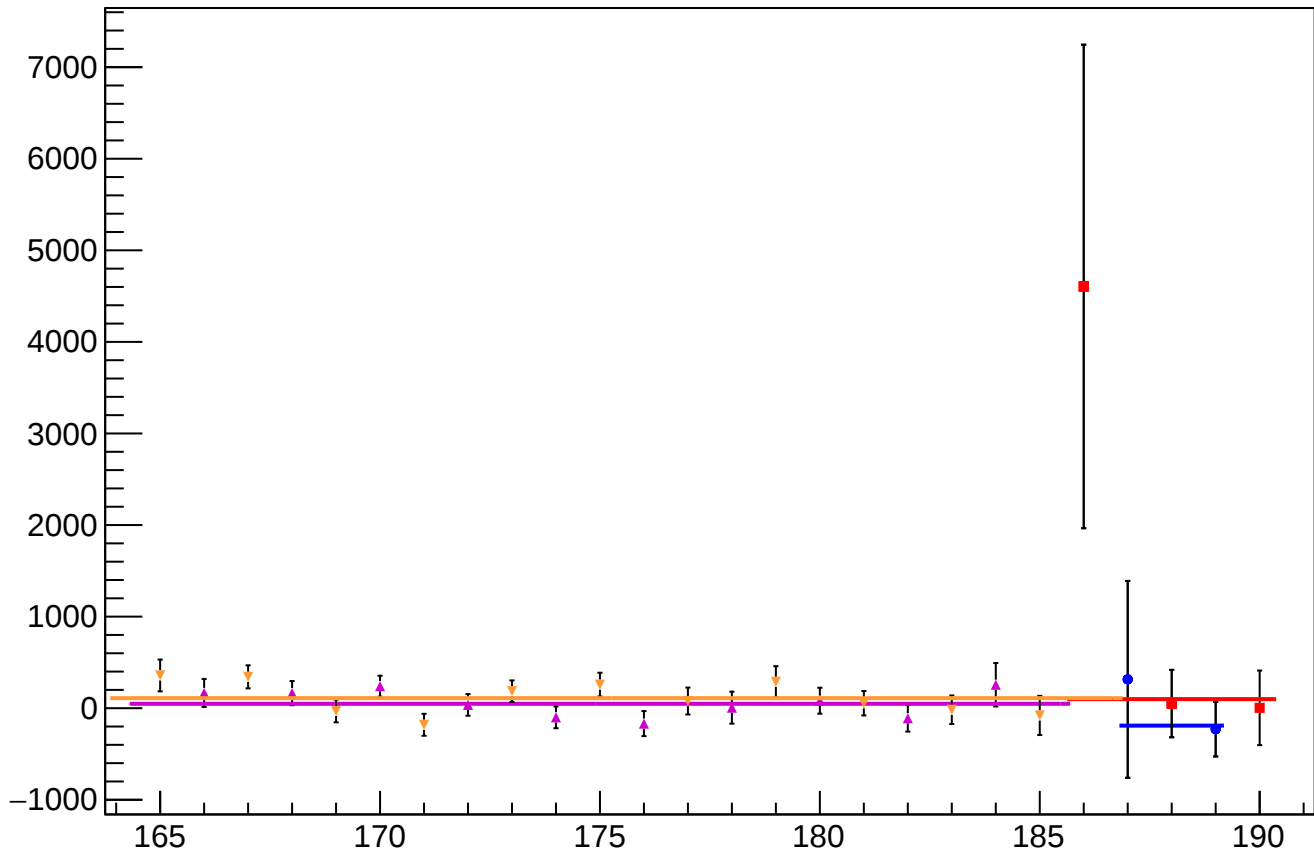
Right: 236.280 $\pm$ 0.104 χ^2 /NDF: 1191253.7/8

In: 127.138 $\pm$ 0.032 χ^2 /NDF: 754486.9/13

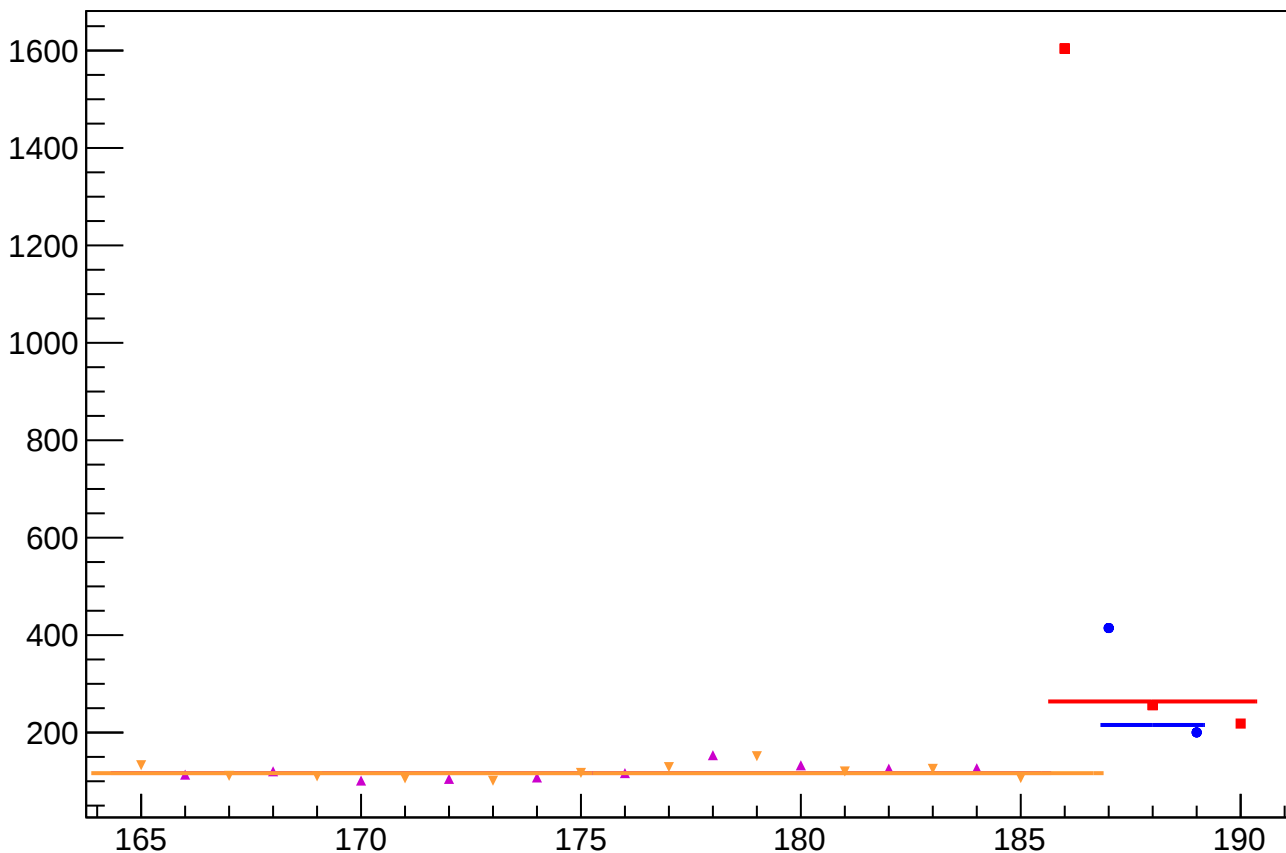
Out: 128.477 $\pm$ 0.031 χ^2 /NDF: 2044455.1/15

All: 127.829 $\pm$ 0.022 χ^2 /NDF: 2799859.6/29

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 215.536+/-0.144 χ^2/NDF : 147698.5/3

Left Out: 116.611+/-0.030 χ^2/NDF : 187439.4/10

Right Out: 263.808+/-0.154 χ^2/NDF : 1057209.8/4

Left In: 116.874+/-0.031 χ^2/NDF : 195244.7/9

Left: 116.737+/-0.022 χ^2/NDF : 382721.7/20

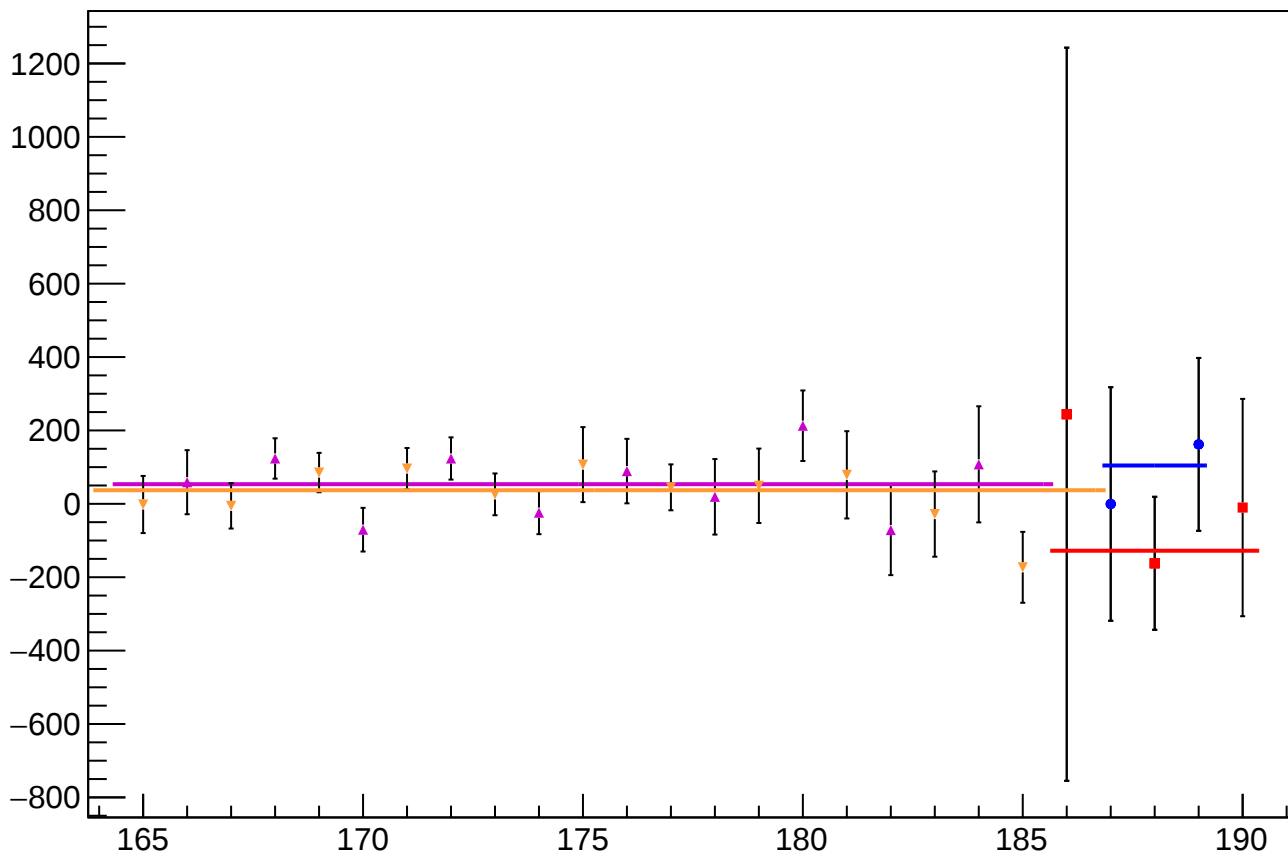
Right: 237.988+/-0.105 χ^2/NDF : 1257485.2/8

In: 121.278+/-0.030 χ^2/NDF : 794085.9/13

Out: 121.930+/-0.029 χ^2/NDF : 2125616.1/15

All: 121.616+/-0.021 χ^2/NDF : 2919941.3/29

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 104.466 $\pm$ 133.881 χ^2/NDF : 0.3/3

Left Out: 37.025 $\pm$ 21.827 χ^2/NDF : 8.3/10

Right Out: -127.800 $\pm$ 116.004 χ^2/NDF : 0.5/4

Left In: 53.510 $\pm$ 23.735 χ^2/NDF : 13.4/9

Left: 44.579 $\pm$ 16.067 χ^2/NDF : 22.0/20

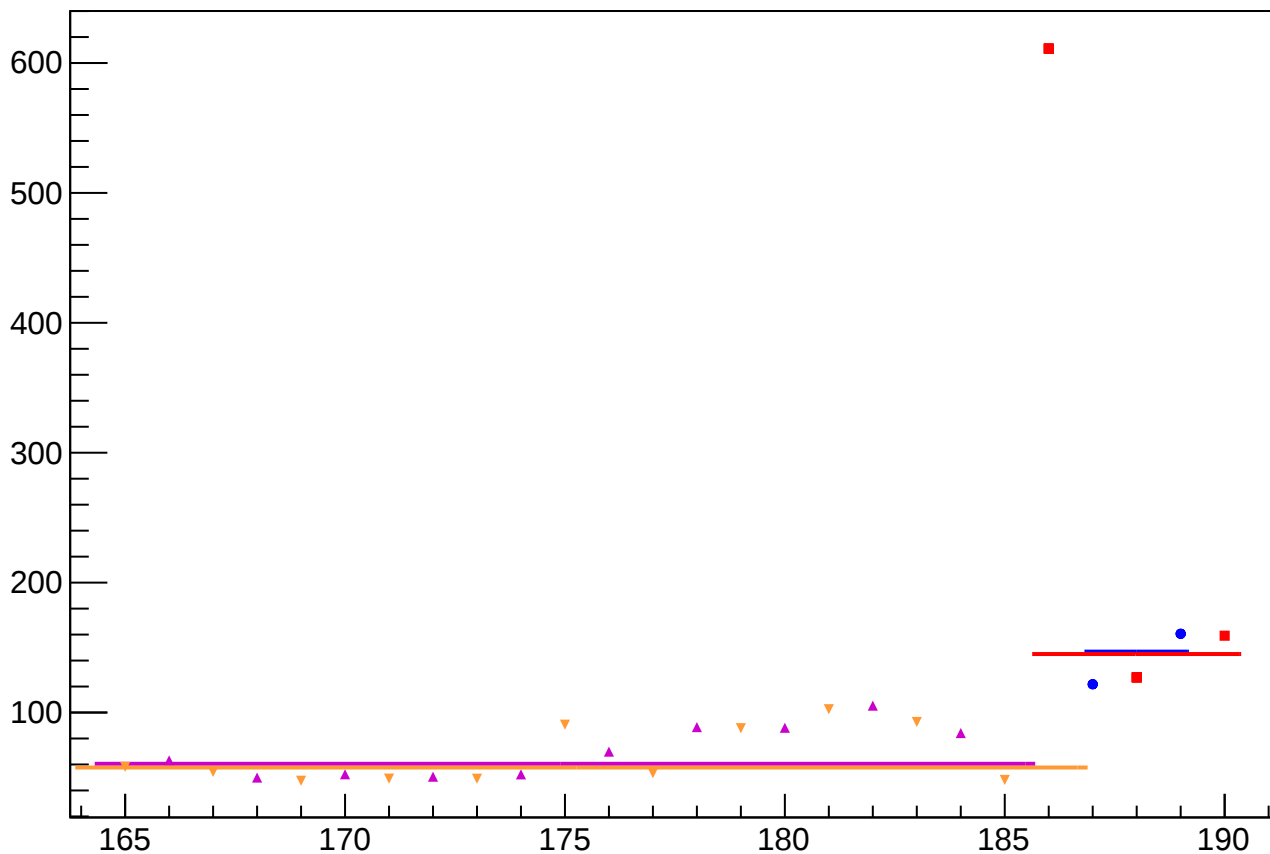
Right: -28.199 $\pm$ 87.671 χ^2/NDF : 2.6/8

In: 55.063 $\pm$ 23.371 χ^2/NDF : 13.9/13

Out: 31.389 $\pm$ 21.451 χ^2/NDF : 10.8/15

All: 42.214 $\pm$ 15.803 χ^2/NDF : 25.2/29

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 146.864 $\pm$ 0.095 χ^2 /NDF: 38581.2/3

Left Out: 57.666 $\pm$ 0.015 χ^2 /NDF:1052968.6/10

Right Out: 145.027 $\pm$ 0.082 χ^2 /NDF: 914699.7/4

Left In: 60.534 $\pm$ 0.017 χ^2 /NDF:860721.9/9

Left: 58.980 $\pm$ 0.011 χ^2 /NDF: 1929514.6/20

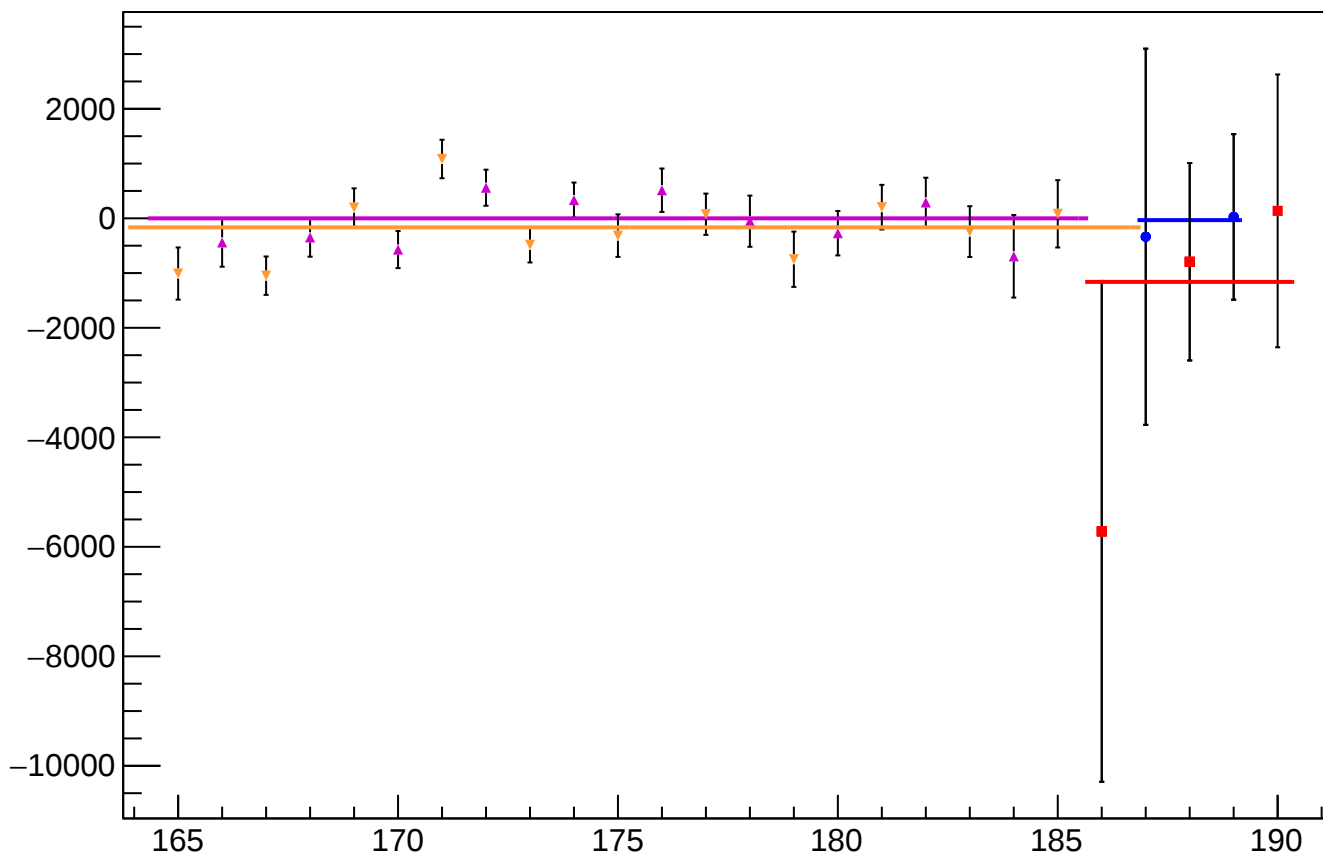
Right: 145.815 $\pm$ 0.062 χ^2 /NDF: 953495.9/8

In: 63.165 $\pm$ 0.017 χ^2 /NDF:1705552.6/13

Out: 60.653 $\pm$ 0.015 χ^2 /NDF:3063170.3/15

All: 61.802 $\pm$ 0.011 χ^2 /NDF: 4781261.4/29

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -32.978 ± 978.436 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -165.252 ± 120.186 $\chi^2/\text{NDF}: 27.0/10$

Right Out: -1161.429 ± 1071.027 $\chi^2/\text{NDF}: 2.3/4$

Left In: -0.400 ± 124.518 $\chi^2/\text{NDF}: 12.2/9$

Left: -85.743 ± 86.475 $\chi^2/\text{NDF}: 40.1/20$

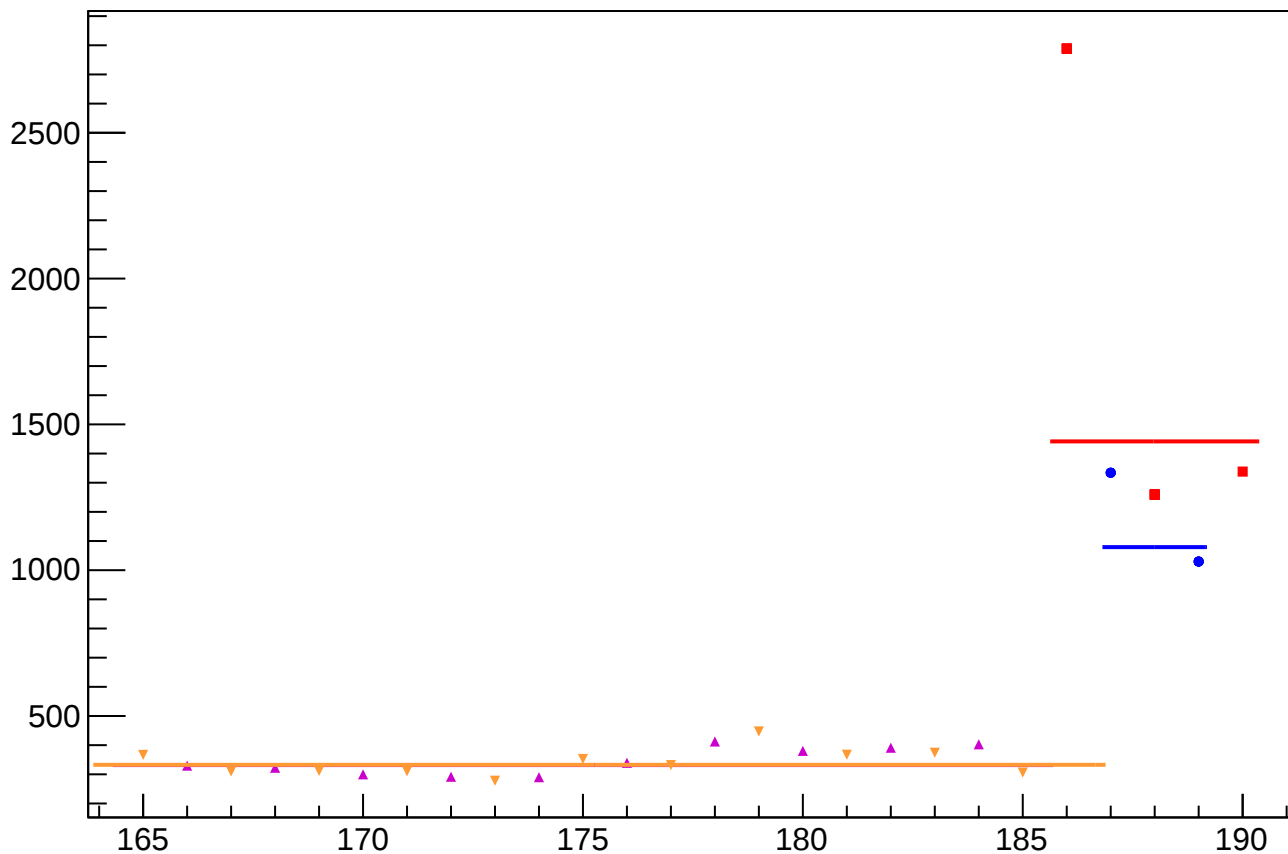
Right: -546.326 ± 722.379 $\chi^2/\text{NDF}: 3.0/8$

In: -0.919 ± 123.521 $\chi^2/\text{NDF}: 12.2/13$

Out: -177.640 ± 119.436 $\chi^2/\text{NDF}: 30.2/15$

All: -92.250 ± 85.862 $\chi^2/\text{NDF}: 43.5/29$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left: 332.142+/-0.061 χ^2/NDF : 457319.5/20

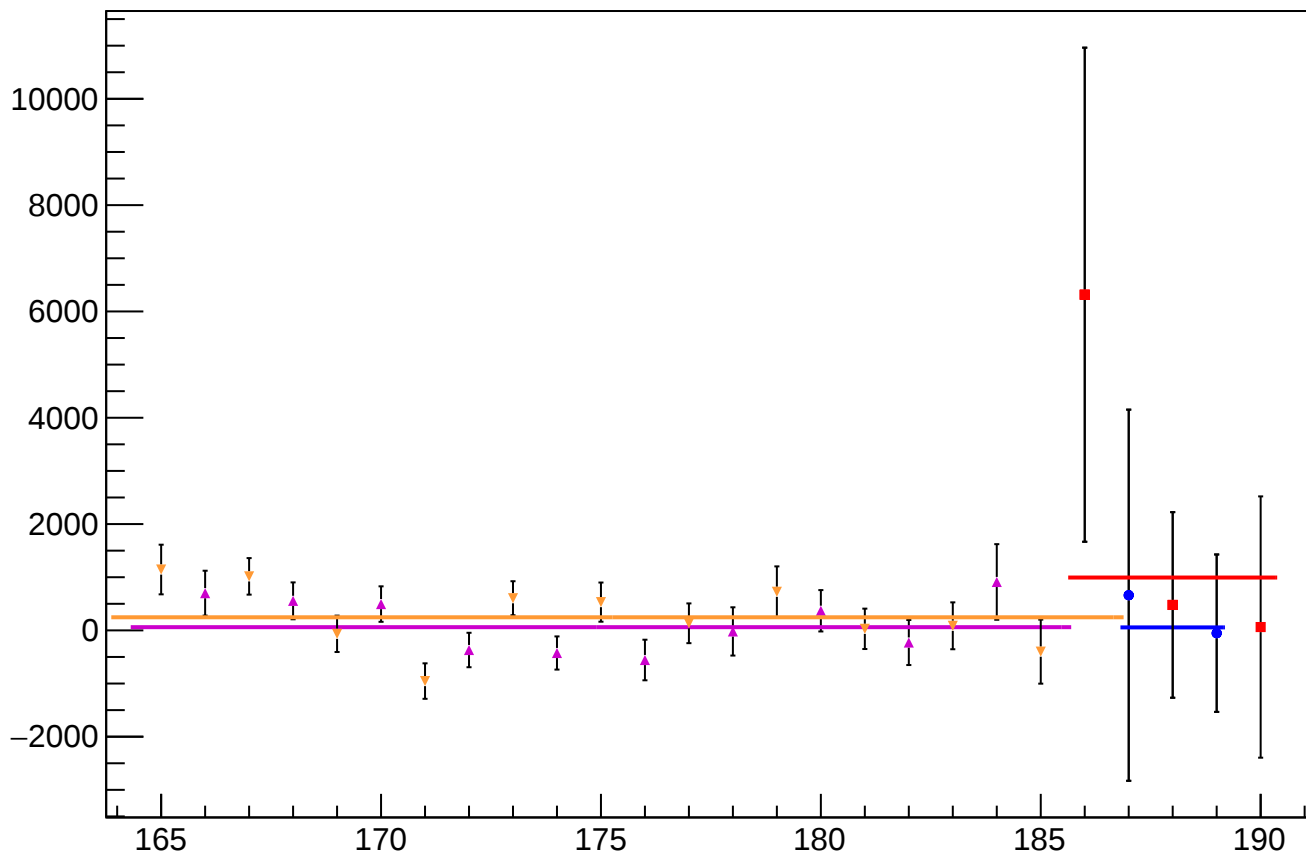
Right: 1244.025+/-0.511 χ^2/NDF : 542414.8/8

In: 343.585+/-0.087 χ^2/NDF : 1399234.3/13

Out: 346.371+/-0.084 χ^2/NDF : 2741925.5/15

All: 345.025+/-0.061 χ^2/NDF : 4141685.4/29

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 56.117+/-963.923 χ^2/NDF : 0.1/3

Left Out: 246.388+/-116.209 χ^2/NDF : 27.0/10

Right Out: 994.224+/-1045.775 χ^2/NDF : 2.9/4

Left In: 60.413+/-120.761 χ^2/NDF : 15.4/9

Left: 156.972+/-83.735 χ^2/NDF : 43.6/20

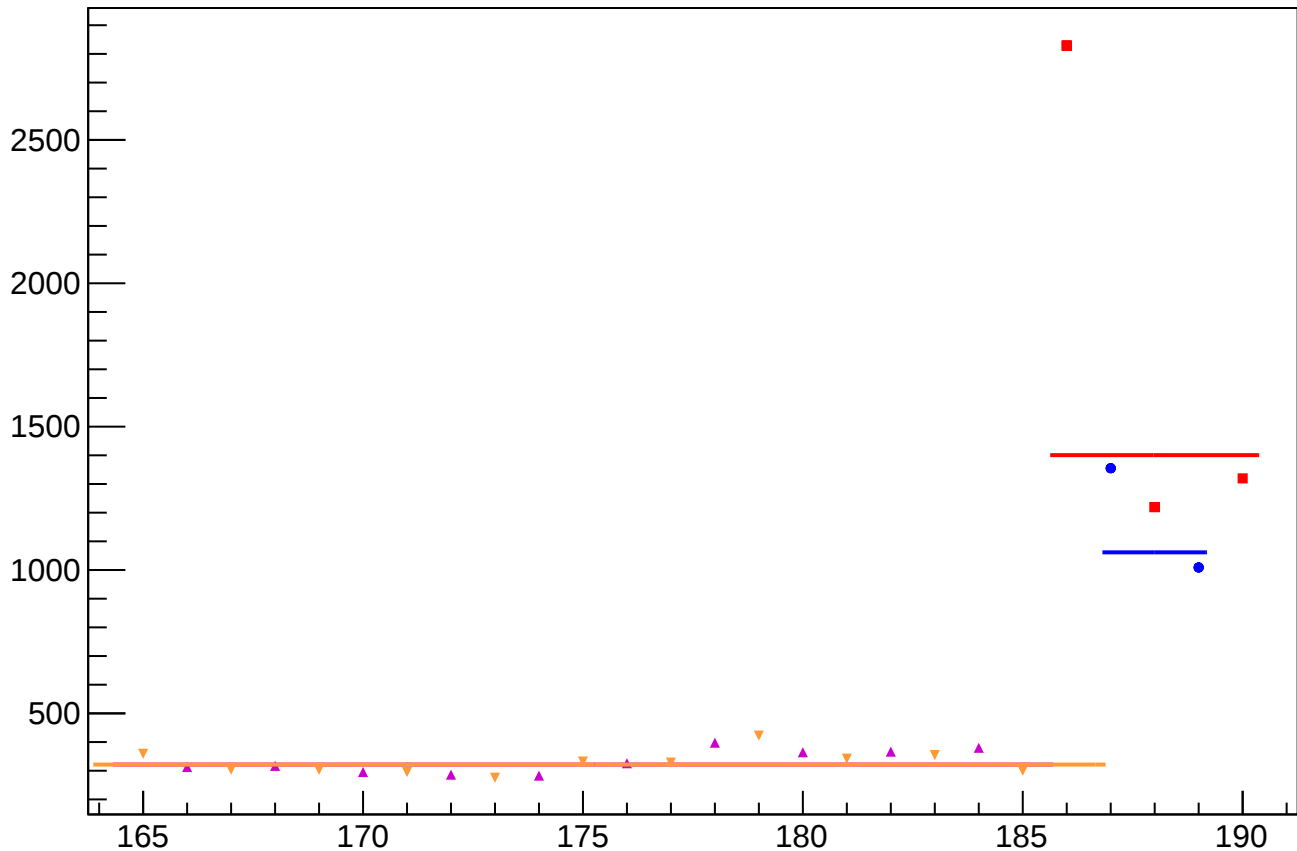
Right: 487.026+/-708.770 χ^2/NDF : 3.4/8

In: 60.347+/-119.824 χ^2/NDF : 15.5/13

Out: 255.509+/-115.498 χ^2/NDF : 30.5/15

All: 161.515+/-83.157 χ^2/NDF : 47.3/29

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 321.533 $\pm$ 0.059 χ^2/NDF : 373633.3/20

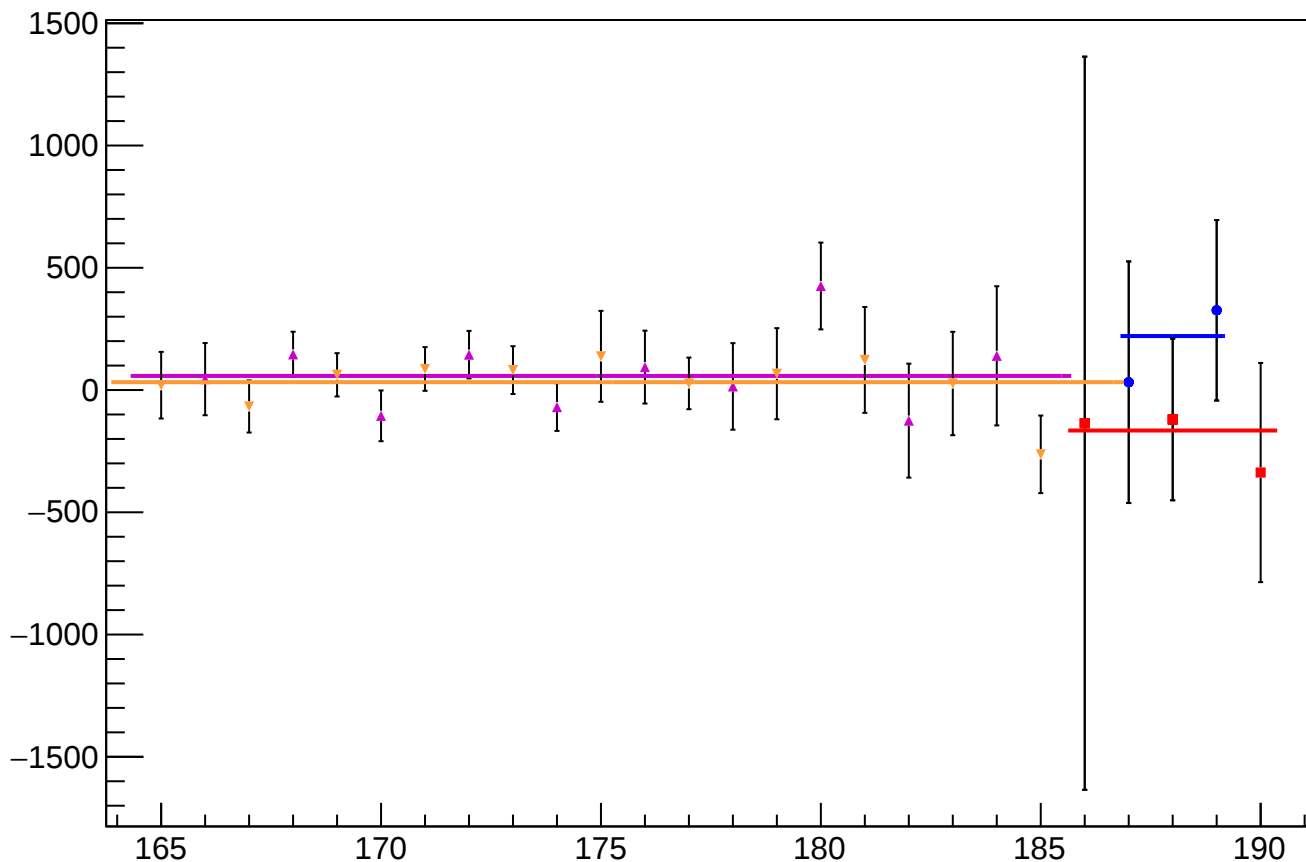
Right: 1217.342 $\pm$ 0.501 χ^2/NDF : 569917.3/8

In: 333.001 $\pm$ 0.085 χ^2/NDF :1378675.5/13

Out: 334.665 $\pm$ 0.082 χ^2/NDF :2715548.6/15

All: 333.864 $\pm$ 0.059 χ^2/NDF : 4094424.1/29

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 220.801 $\pm$ 209.060 χ^2 /NDF: 0.5/3

Left Out: 32.237 $\pm$ 37.008 χ^2 /NDF:5.6/10

Right Out: -165.556 $\pm$ 203.421 χ^2 /NDF: 0.2/4

Left In: 57.661 $\pm$ 40.625 χ^2 /NDF:11.0/9

Left: 43.767 $\pm$ 27.358 χ^2 /NDF: 16.8/20

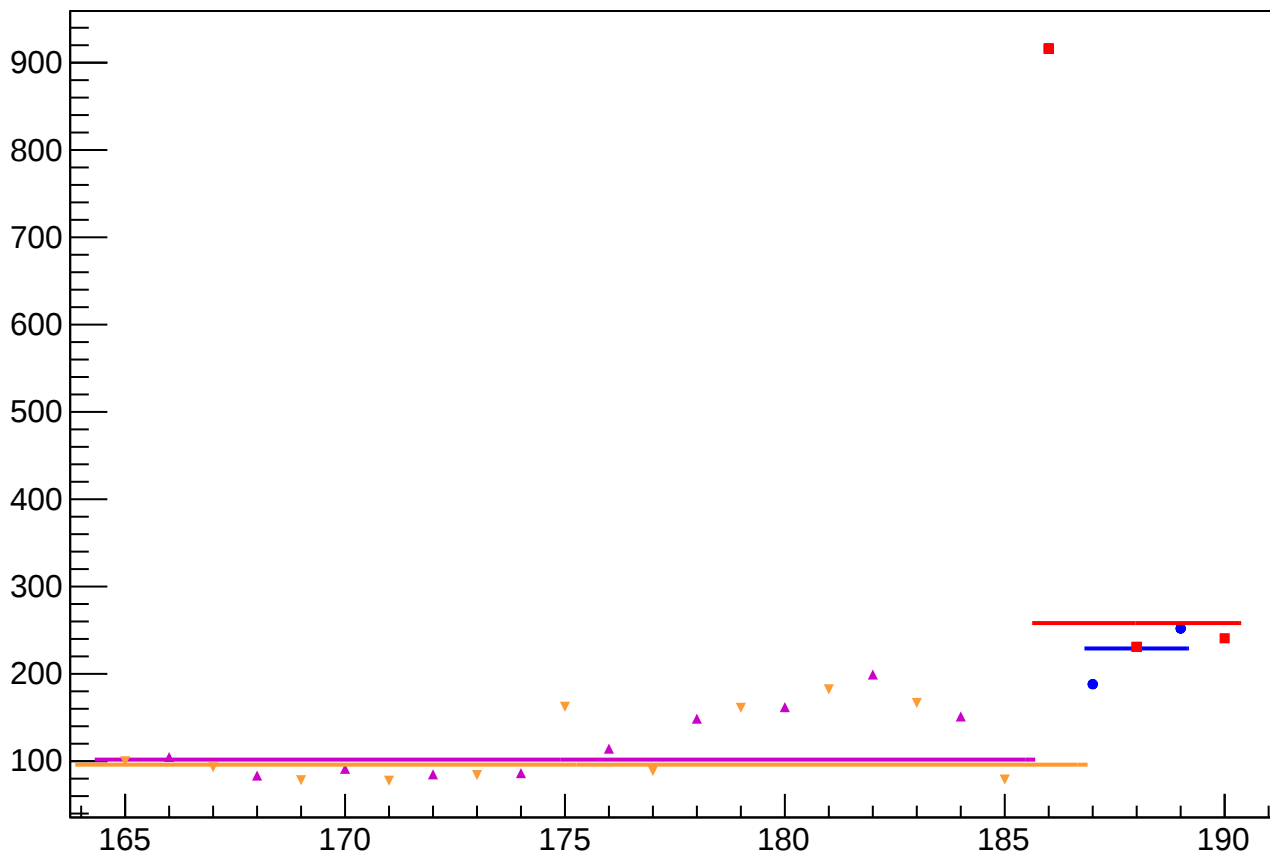
Right: 22.341 $\pm$ 145.793 χ^2 /NDF: 2.4/8

In: 63.597 $\pm$ 39.879 χ^2 /NDF:12.0/13

Out: 25.900 $\pm$ 36.411 χ^2 /NDF:6.7/15

All: 43.038 $\pm$ 26.889 χ^2 /NDF: 19.2/29

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 229.098 $\pm$ 0.148 χ^2 /NDF: 42823.2/3

Left Out: 95.989 $\pm$ 0.026 χ^2 /NDF:1270999.9/10

Right Out: 258.165 $\pm$ 0.144 χ^2 /NDF: 800717.9/4

Left In: 101.781 $\pm$ 0.029 χ^2 /NDF:1003841.3/9

Left: 98.616 $\pm$ 0.019 χ^2 /NDF: 2297053.0/20

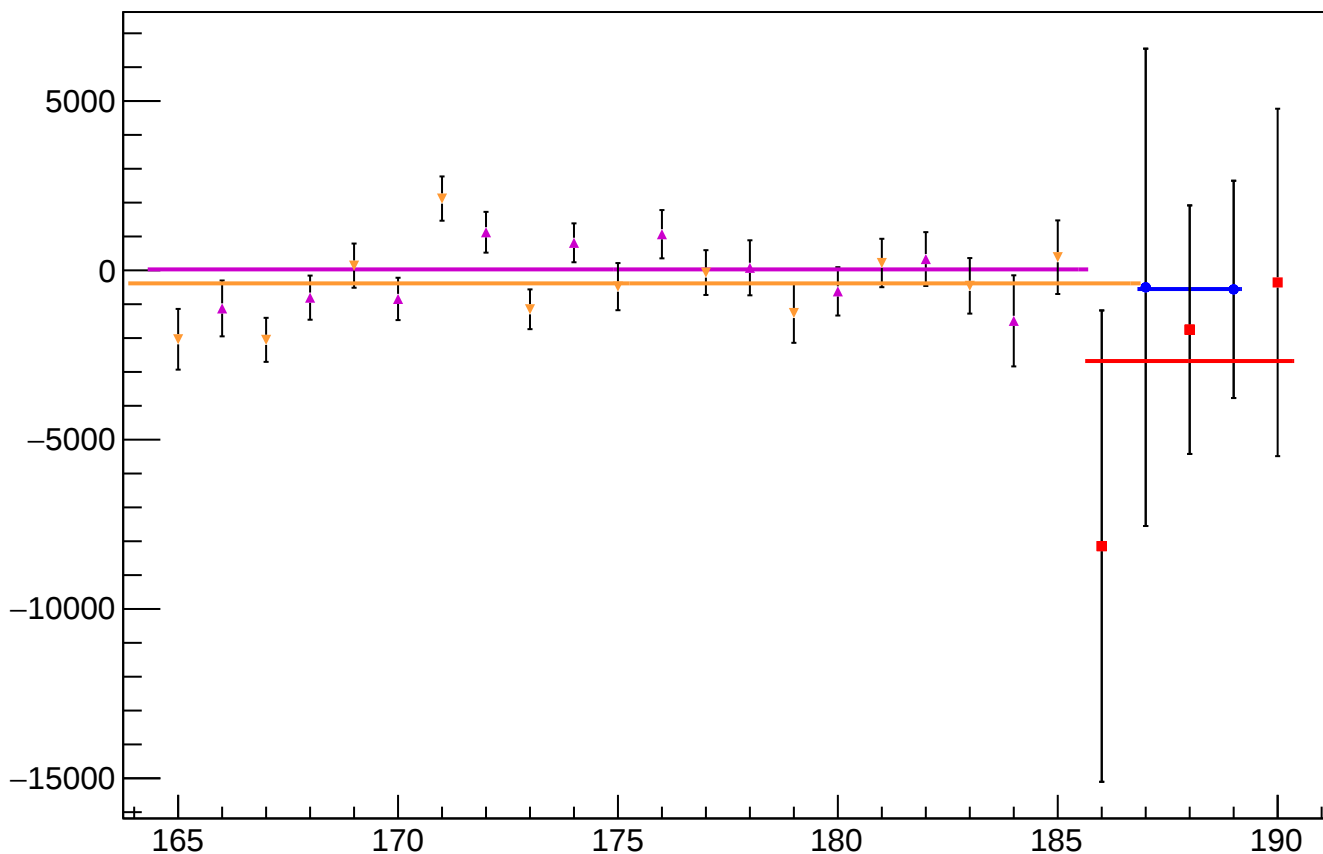
Right: 244.029 $\pm$ 0.103 χ^2 /NDF: 863401.3/8

In: 106.413 $\pm$ 0.028 χ^2 /NDF:1761435.4/13

Out: 101.185 $\pm$ 0.026 χ^2 /NDF:3302187.4/15

All: 103.562 $\pm$ 0.019 χ^2 /NDF: 5082370.6/29

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left: -185.279+/-156.403 χ^2/NDF : 46.3/20

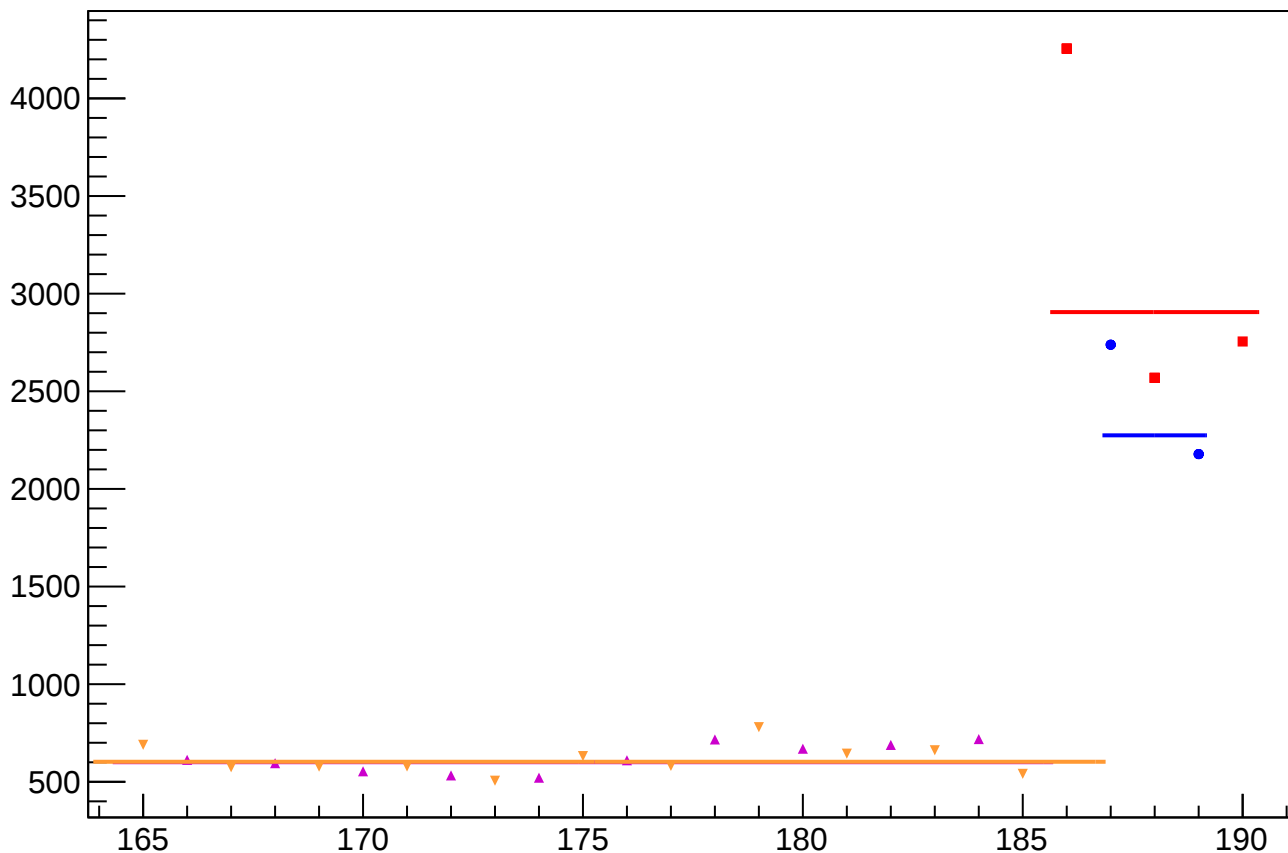
Right: -1599.390+/-1470.703 χ^2/NDF : 2.1/8

In: 21.273+/-223.687 χ^2/NDF : 15.2/13

Out: -409.182+/-216.387 χ^2/NDF : 32.2/15

All: -201.093+/-155.526 χ^2/NDF : 49.3/29

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left: 601.541+/-0.111 χ^2/NDF : 368529.4/20

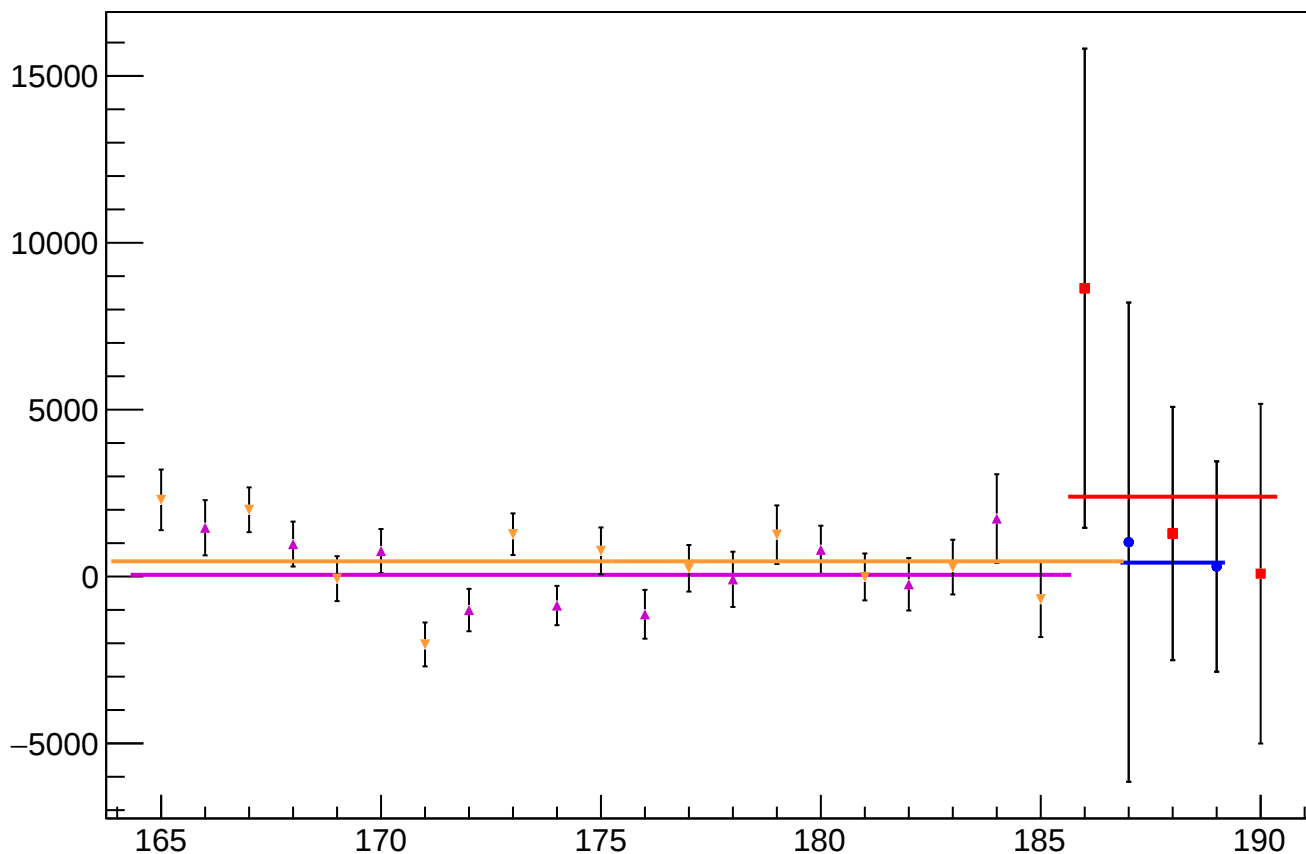
Right: 2585.379+/-1.040 χ^2/NDF : 298737.2/8

In: 619.959+/-0.158 χ^2/NDF : 1495912.3/13

Out: 627.251+/-0.153 χ^2/NDF : 2768648.3/15

All: 623.726+/-0.110 χ^2/NDF : 4265658.7/29

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 416.847 $\pm$ 2040.579 χ^2/NDF : 0.0/3

Left Out: 455.643 $\pm$ 222.501 χ^2/NDF : 28.7/10

Right Out: 2392.518 $\pm$ 2150.129 χ^2/NDF : 1.9/4

Left In: 50.774 $\pm$ 230.881 χ^2/NDF : 16.6/9

Left: 260.690 $\pm$ 160.213 χ^2/NDF : 46.9/20

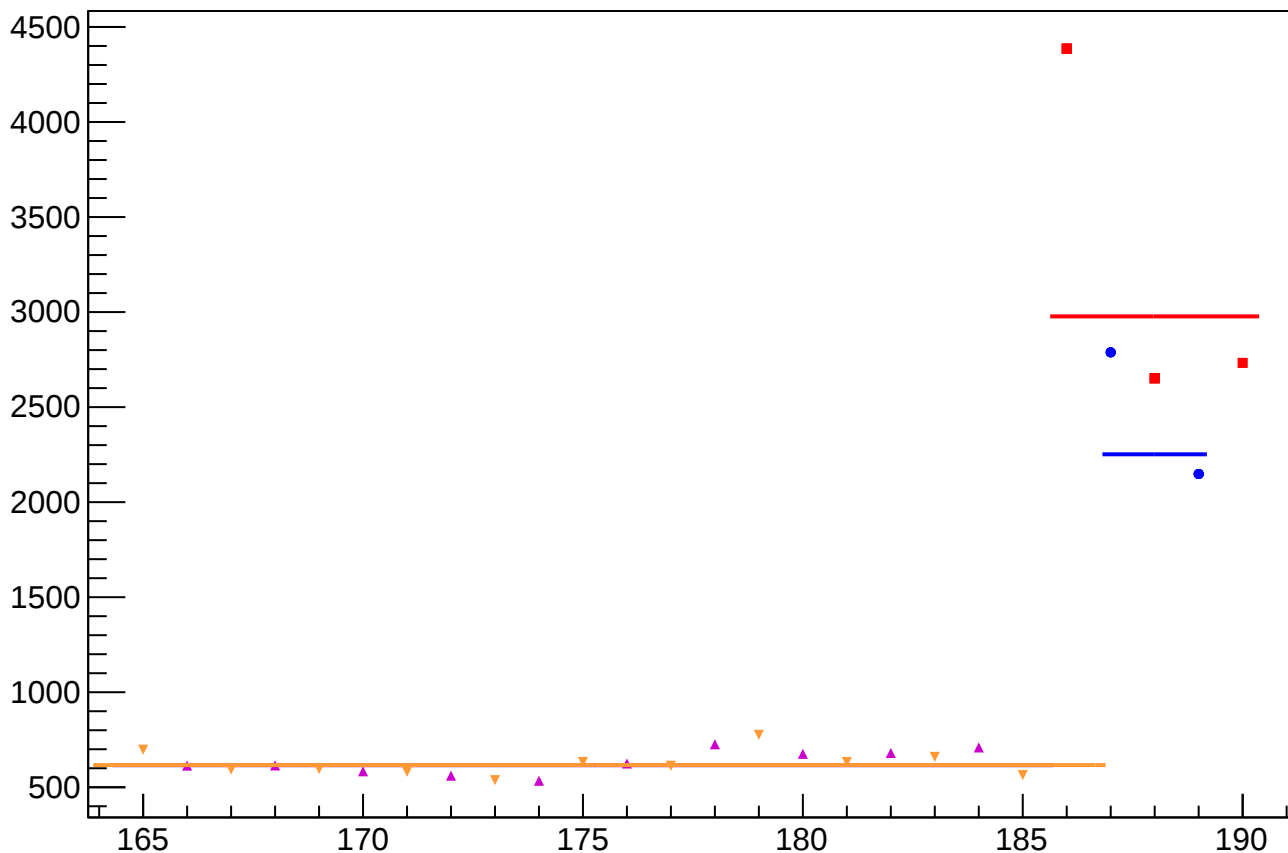
Right: 1353.071 $\pm$ 1480.121 χ^2/NDF : 2.4/8

In: 55.402 $\pm$ 229.417 χ^2/NDF : 16.7/13

Out: 476.165 $\pm$ 221.319 χ^2/NDF : 31.3/15

All: 273.340 $\pm$ 159.282 χ^2/NDF : 49.7/29

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left: 616.371+/-0.113 χ^2/NDF : 267201.9/20

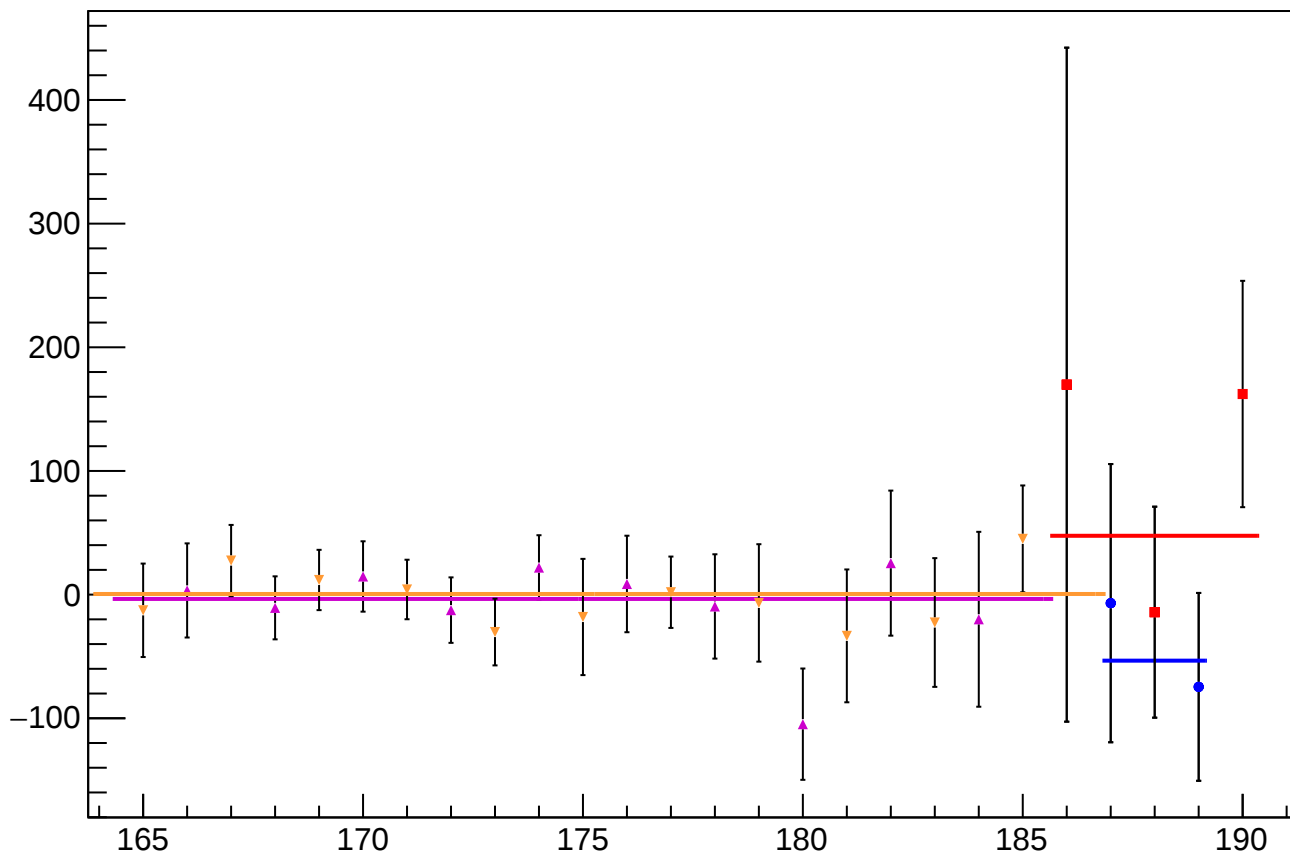
Right: 2595.575+/-1.047 χ^2/NDF : 334554.3/8

In: 636.706+/-0.162 χ^2/NDF :1426380.4/13

Out: 641.698+/-0.156 χ^2/NDF :2709628.8/15

All: 639.292+/-0.113 χ^2/NDF : 4136499.8/29

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -53.407 $\pm$ 44.513 χ^2/NDF : 0.5/3

Left Out: 0.512 $\pm$ 9.981 χ^2/NDF : 4.4/10

Right Out: 47.573 $\pm$ 48.730 χ^2/NDF : 3.0/4

Left In: -3.510 $\pm$ 10.811 χ^2/NDF : 7.1/9

Left: -1.339 $\pm$ 7.334 χ^2/NDF : 11.5/20

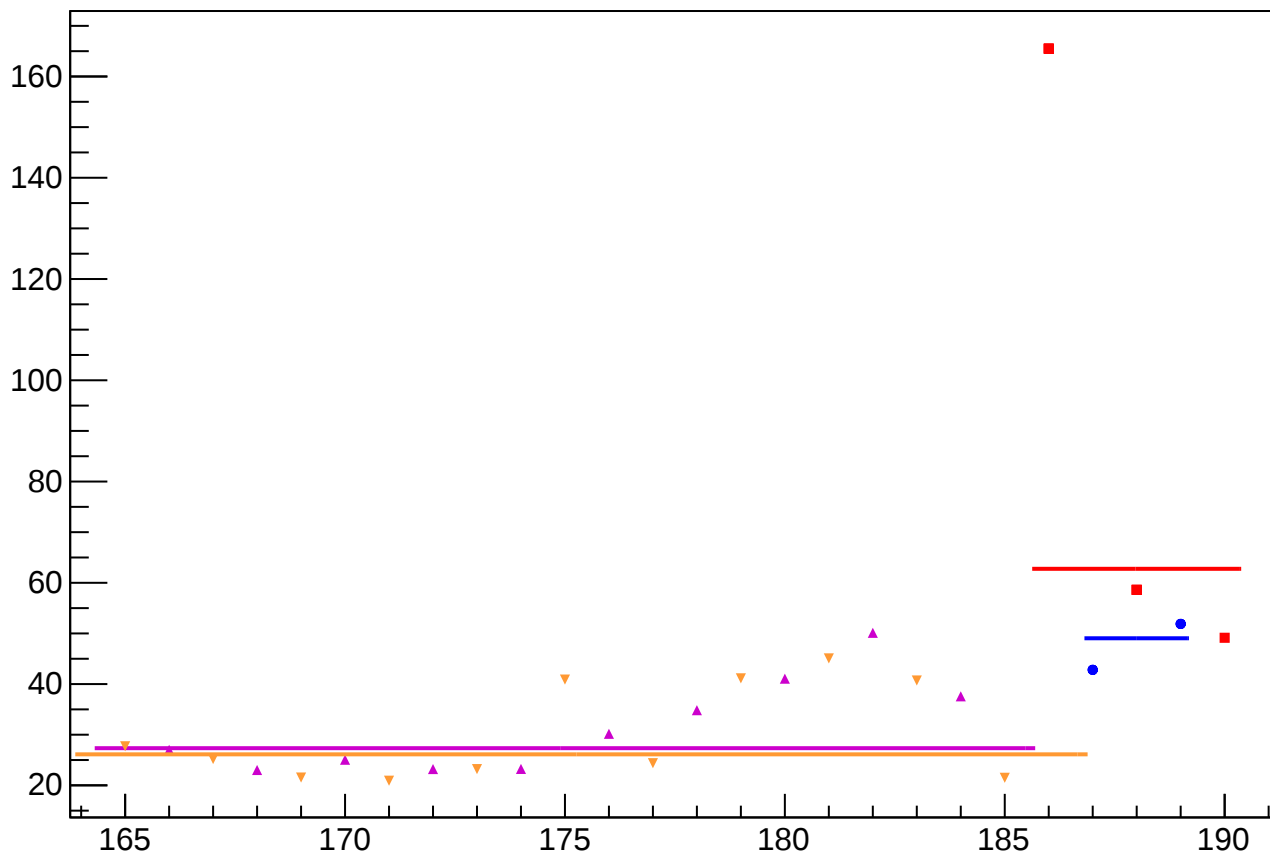
Right: -7.474 $\pm$ 32.865 χ^2/NDF : 5.9/8

In: -6.289 $\pm$ 10.505 χ^2/NDF : 8.7/13

Out: 2.406 $\pm$ 9.778 χ^2/NDF : 8.3/15

All: -1.630 $\pm$ 7.157 χ^2/NDF : 17.4/29

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.045 +/- 0.031 χ^2/NDF : 17868.2/3

Left Out: 26.121 +/- 0.007 χ^2/NDF : 1026964.4/10

Right Out: 62.765 +/- 0.034 χ^2/NDF : 622203.5/4

Left In: 27.337 +/- 0.008 χ^2/NDF : 771458.5/9

Left: 26.681 +/- 0.005 χ^2/NDF : 1812088.7/20

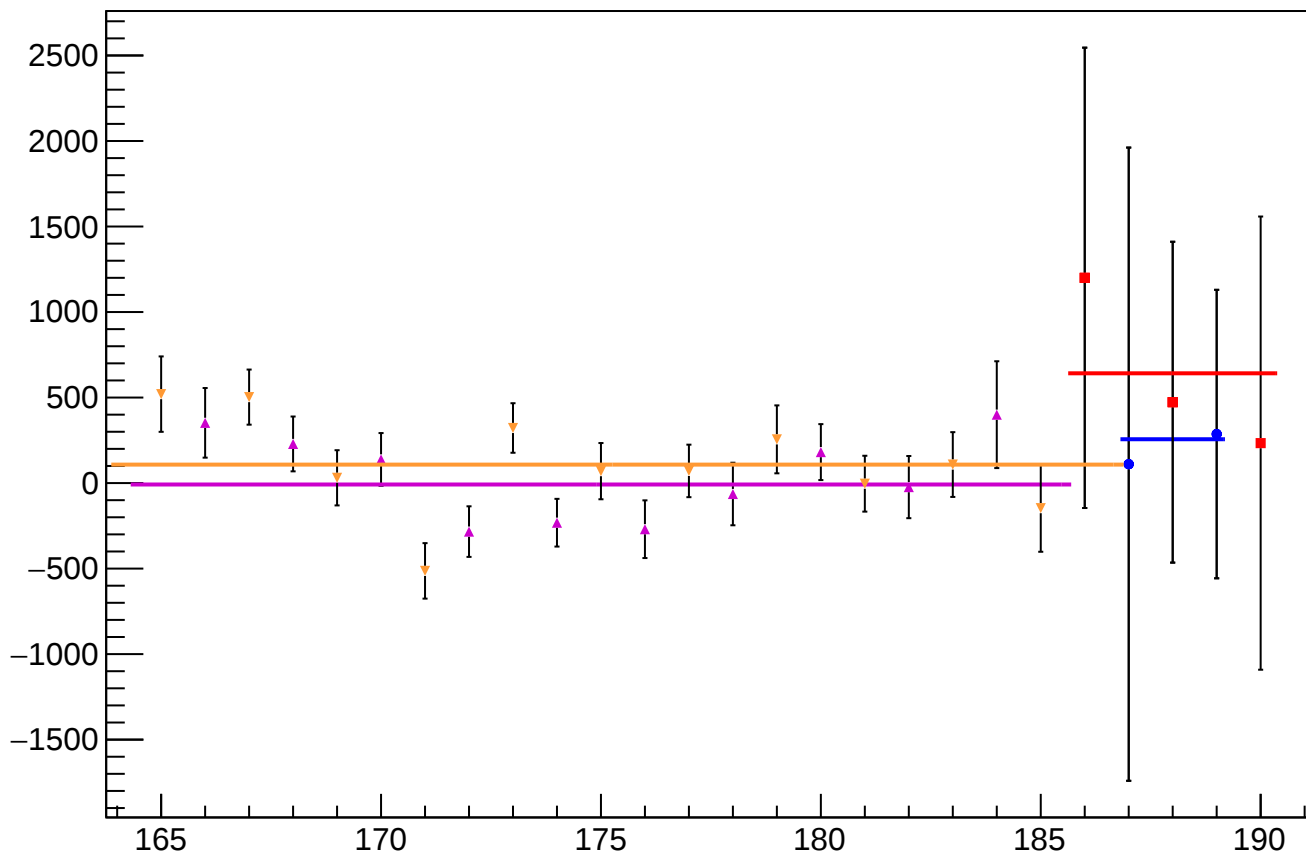
Right: 55.286 +/- 0.023 χ^2/NDF : 726496.4/8

In: 28.547 +/- 0.007 χ^2/NDF : 1238474.4/13

Out: 27.597 +/- 0.007 χ^2/NDF : 2734575.2/15

All: 28.038 +/- 0.005 χ^2/NDF : 3981809.8/29

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



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

Left: 51.708 $\pm$ 37.425 χ^2 /NDF: 48.9/20

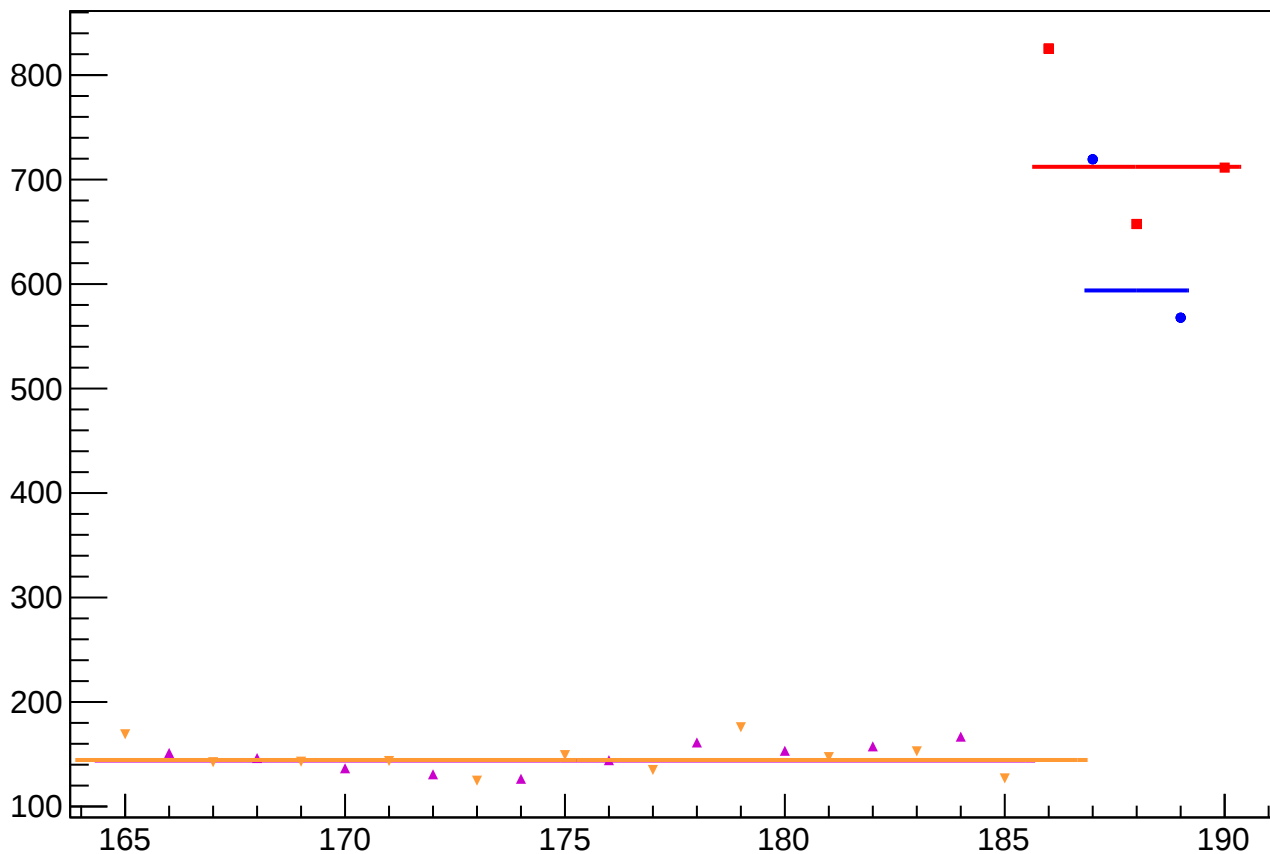
Right: 463.496 $\pm$ 369.027 χ^2 /NDF: 0.8/8

In: -5.777 $\pm$ 53.558 χ^2 /NDF:18.1/13

Out: 113.598 $\pm$ 51.801 χ^2 /NDF:30.3/15

All: 55.900 $\pm$ 37.234 χ^2 /NDF: 51.0/29

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



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

Left: 144.236 $\pm$ 0.026 χ^2 /NDF: 237291.6/20

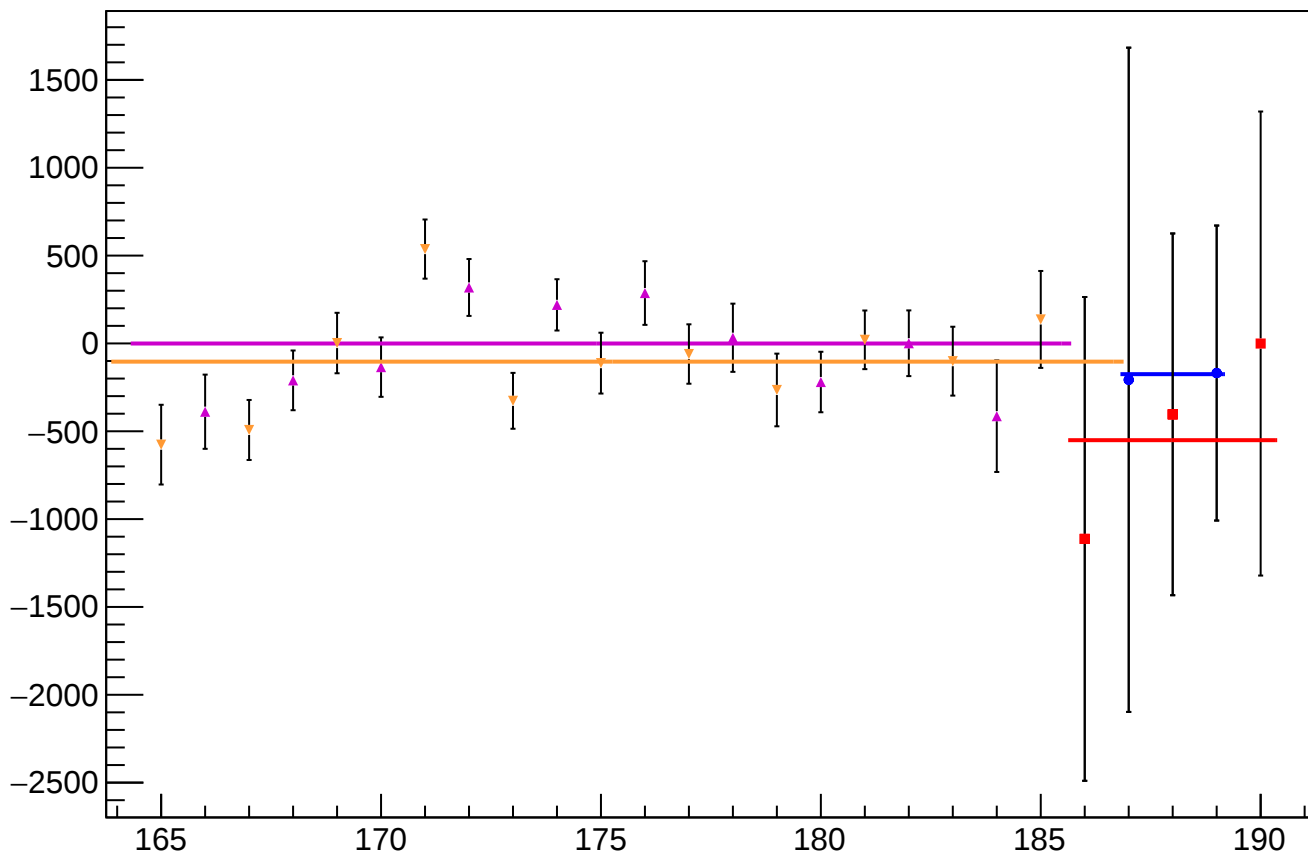
Right: 657.500 $\pm$ 0.261 χ^2 /NDF: 115190.4/8

In: 148.332 $\pm$ 0.038 χ^2 /NDF:1484908.6/13

Out: 150.517 $\pm$ 0.037 χ^2 /NDF:2695448.3/15

All: 149.461 $\pm$ 0.026 χ^2 /NDF: 4182077.7/29

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 17.5/9$

Left: -53.905 ± 39.673 $\chi^2/\text{NDF}: 47.6/20$

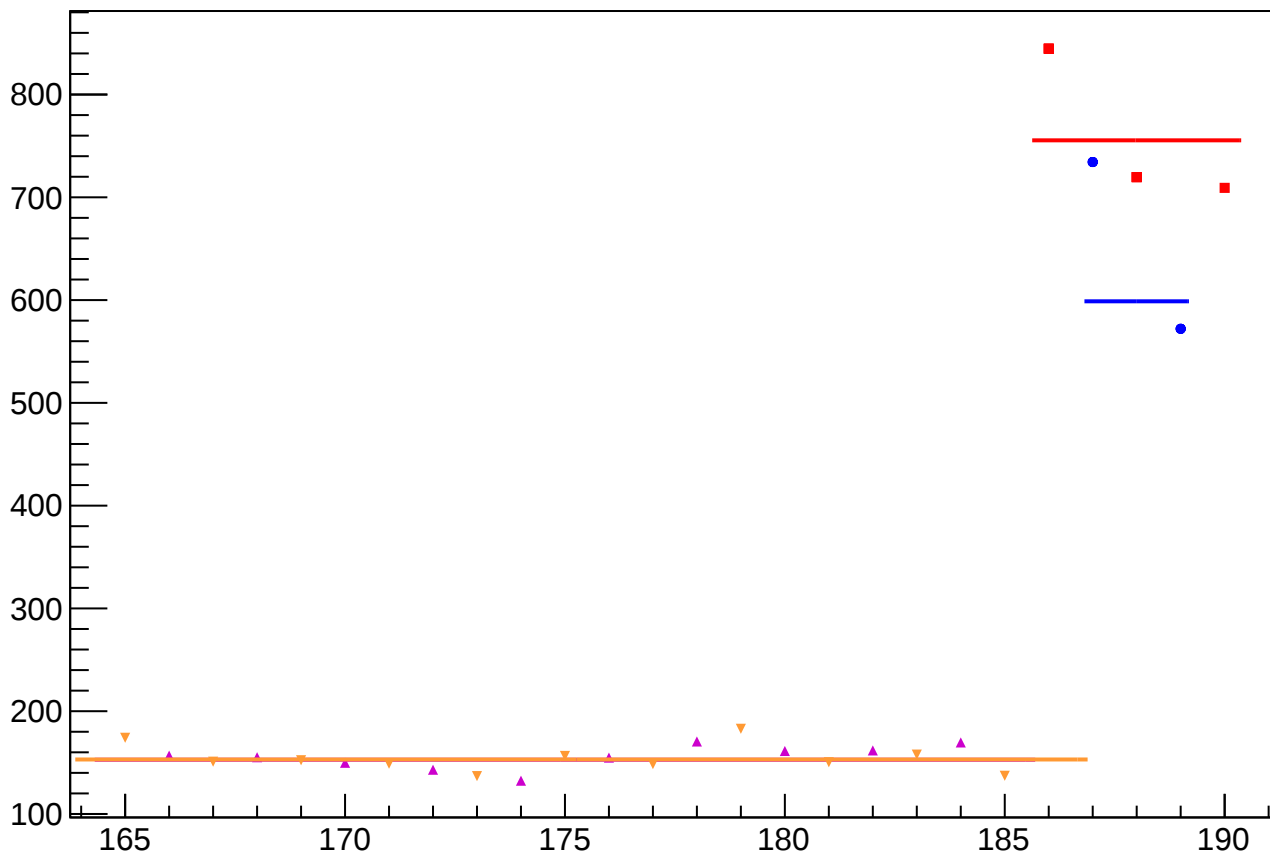
Right: -366.038 ± 380.379 $\chi^2/\text{NDF}: 0.8/8$

In: -2.363 ± 56.824 $\chi^2/\text{NDF}: 17.6/13$

Out: -108.390 ± 54.836 $\chi^2/\text{NDF}: 29.6/15$

All: -57.264 ± 39.459 $\chi^2/\text{NDF}: 49.0/29$

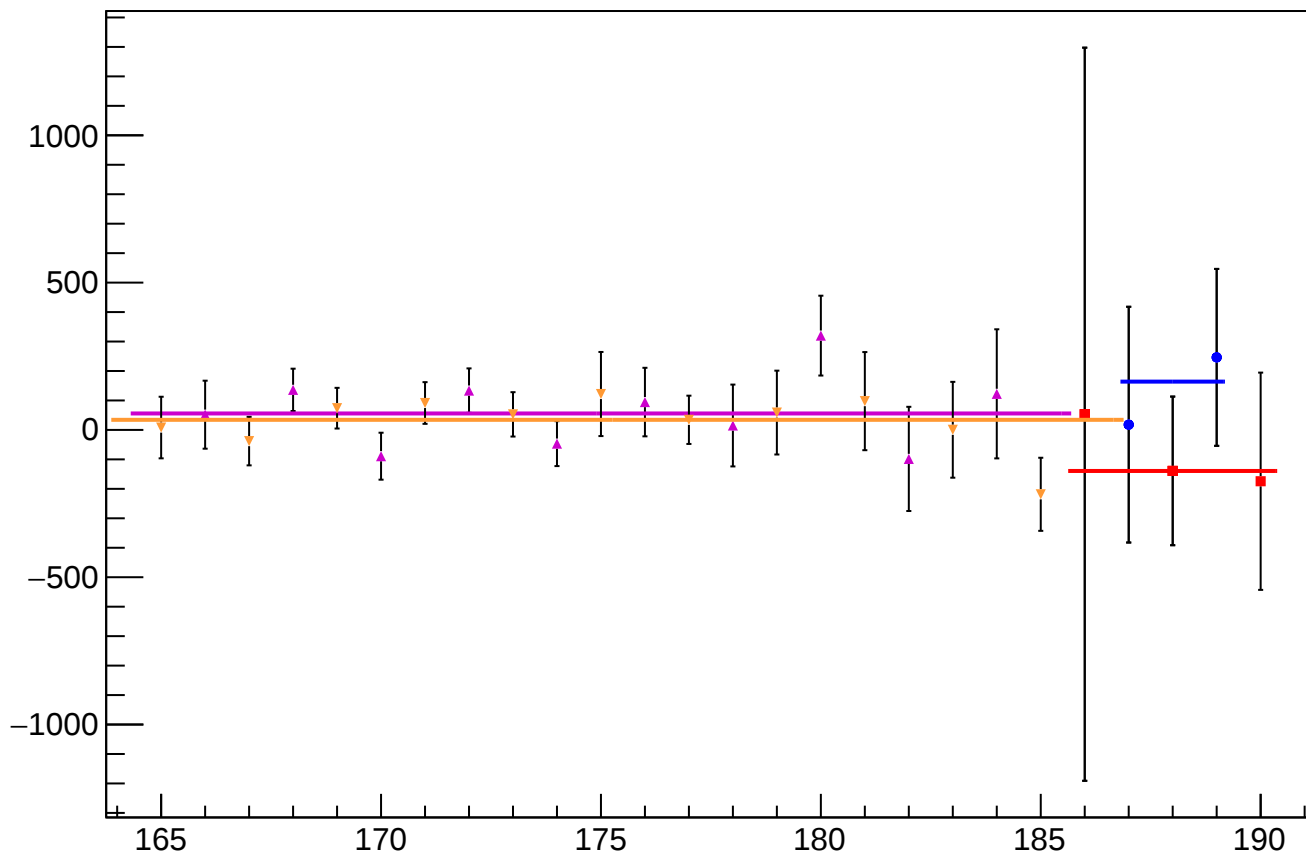
asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 598.812+/-0.384 χ^2/NDF : 24606.4/3
 Left Out: 153.024+/-0.039 χ^2/NDF : 91800.4/10
 Right Out: 755.436+/-0.377 χ^2/NDF : 24071.5/4
 Left In: 152.754+/-0.040 χ^2/NDF : 80168.6/9

Left: 152.894+/-0.028 χ^2/NDF : 171992.0/20
 Right: 678.463+/-0.269 χ^2/NDF : 133425.5/8
 In: 157.647+/-0.040 χ^2/NDF : 1441590.9/13
 Out: 159.391+/-0.039 χ^2/NDF : 2639935.2/15
 All: 158.550+/-0.028 χ^2/NDF : 4082501.9/29

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 163.949 $\pm$ 169.821 χ^2/NDF : 0.4/3

Left Out: 34.261 $\pm$ 28.734 χ^2/NDF : 6.6/10

Right Out: -139.338 $\pm$ 157.963 χ^2/NDF : 0.1/4

Left In: 55.862 $\pm$ 31.502 χ^2/NDF : 12.3/9

Left: 44.071 $\pm$ 21.229 χ^2/NDF : 19.2/20

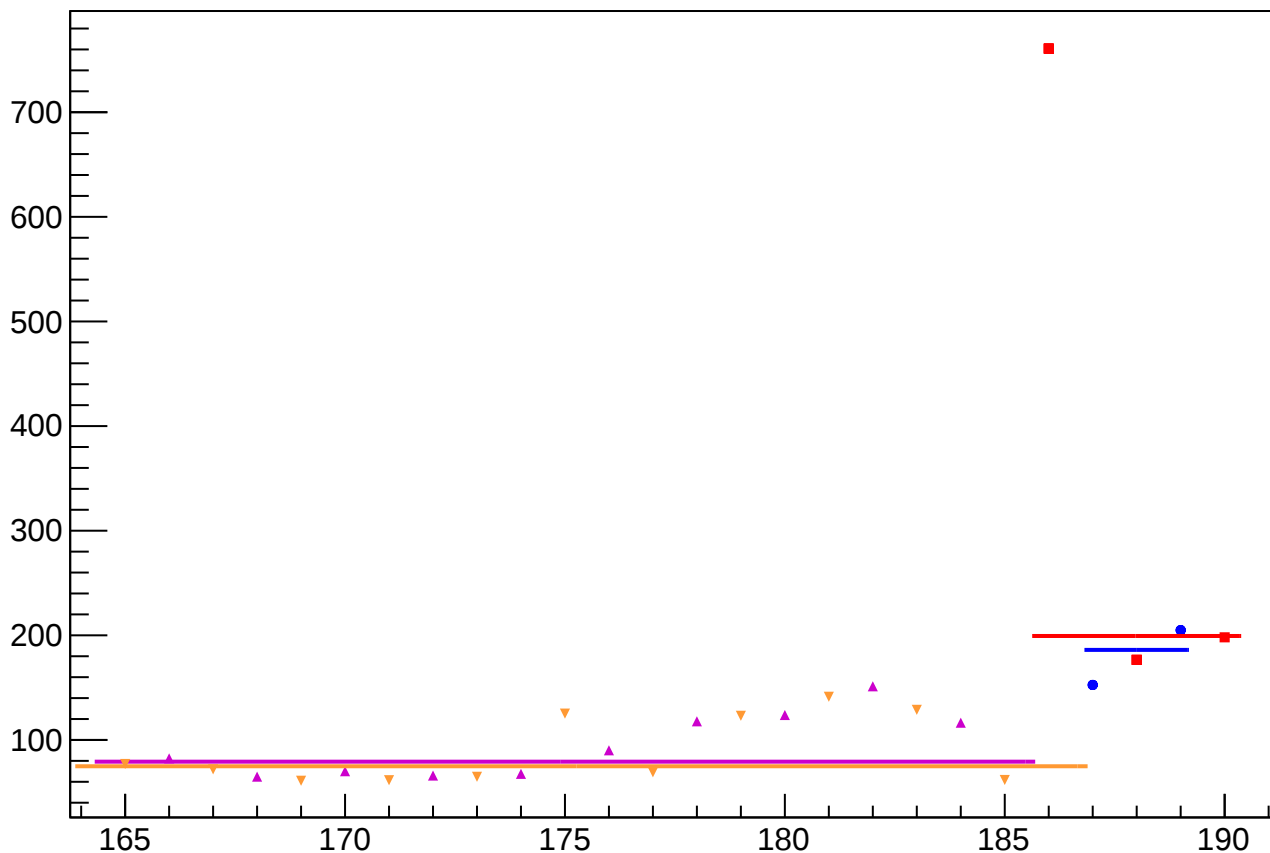
Right: 1.348 $\pm$ 115.662 χ^2/NDF : 2.2/8

In: 59.458 $\pm$ 30.974 χ^2/NDF : 13.1/13

Out: 28.701 $\pm$ 28.270 χ^2/NDF : 7.8/15

All: 42.678 $\pm$ 20.880 χ^2/NDF : 21.5/29

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 186.076+/-0.120 χ^2/NDF : 43801.2/3

Left Out: 74.842+/-0.020 χ^2/NDF :1239508.6/10

Right Out: 199.370+/-0.112 χ^2/NDF : 847118.2/4

Left In: 79.238+/-0.022 χ^2/NDF :993908.8/9

Left: 76.838+/-0.015 χ^2/NDF : 2254676.7/20

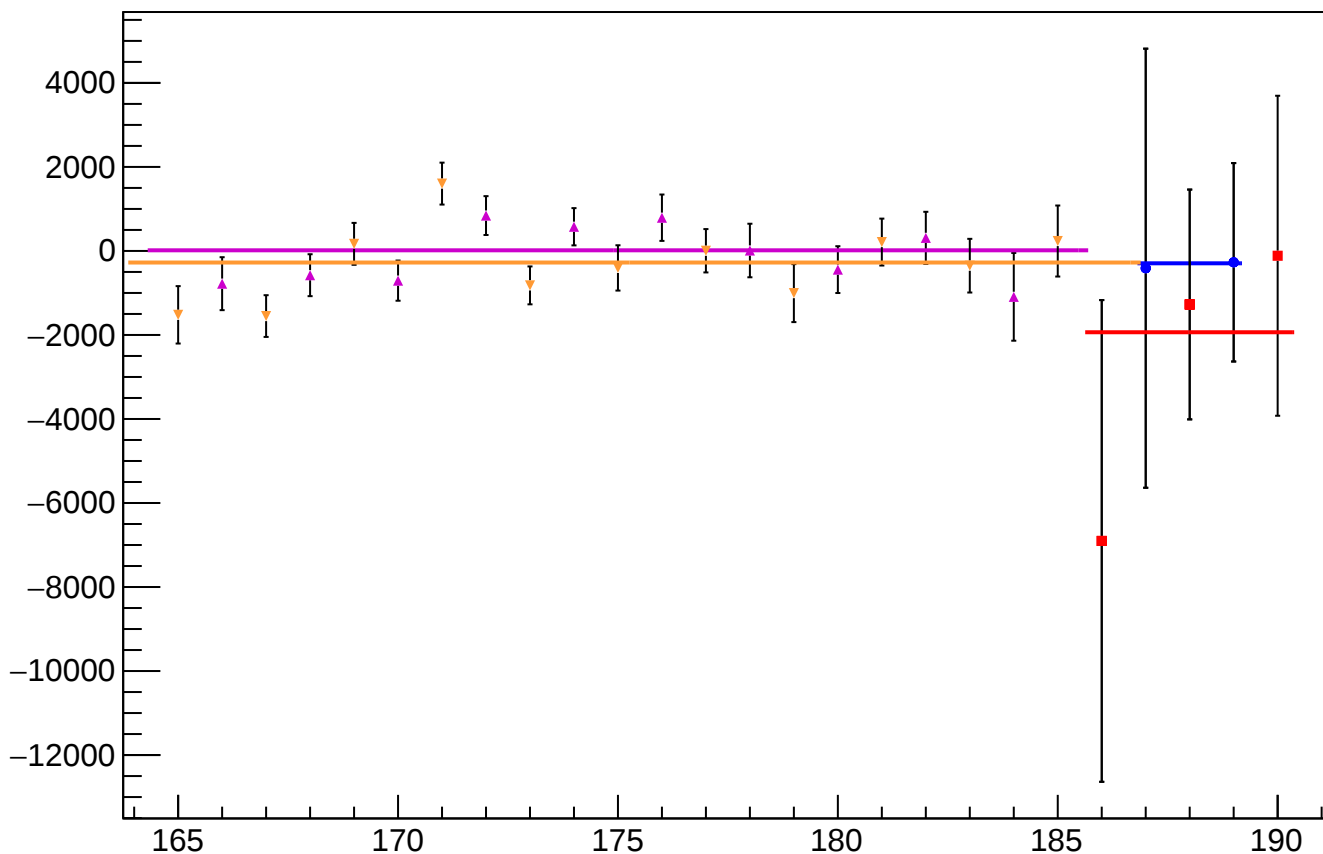
Right: 193.203+/-0.082 χ^2/NDF : 897490.0/8

In: 82.792+/-0.022 χ^2/NDF :1802967.8/13

Out: 78.830+/-0.020 χ^2/NDF :3289760.2/15

All: 80.631+/-0.015 χ^2/NDF : 5110578.1/29

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left: -135.170+/-120.694 χ^2/NDF : 44.5/20

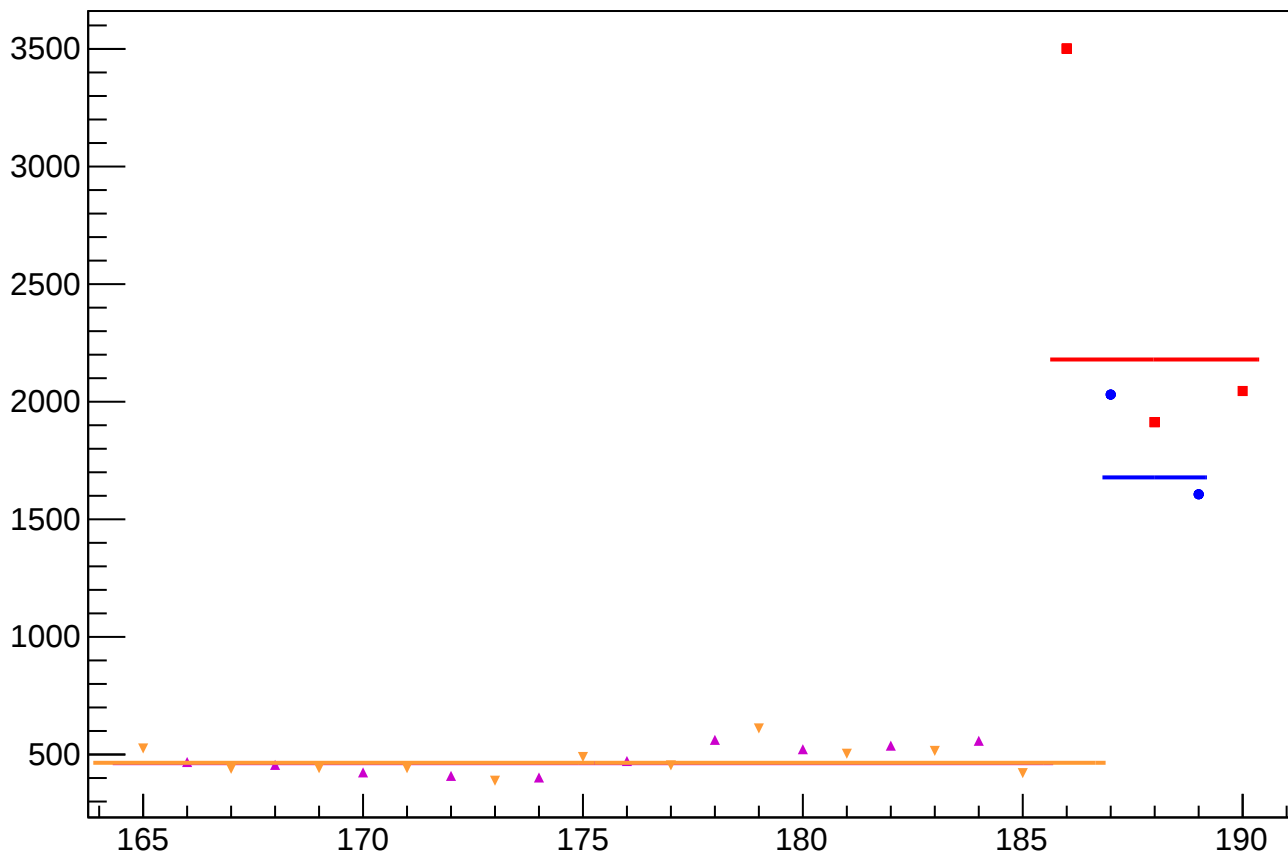
Right: -1080.454+/-1098.393 χ^2/NDF : 2.4/8

In: 11.239+/-172.562 χ^2/NDF : 14.1/13

Out: -293.977+/-166.912 χ^2/NDF : 31.9/15

All: -146.447+/-119.972 χ^2/NDF : 47.6/29

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left: 463.944 $\pm$ 0.085 χ^2/NDF : 405393.0/20

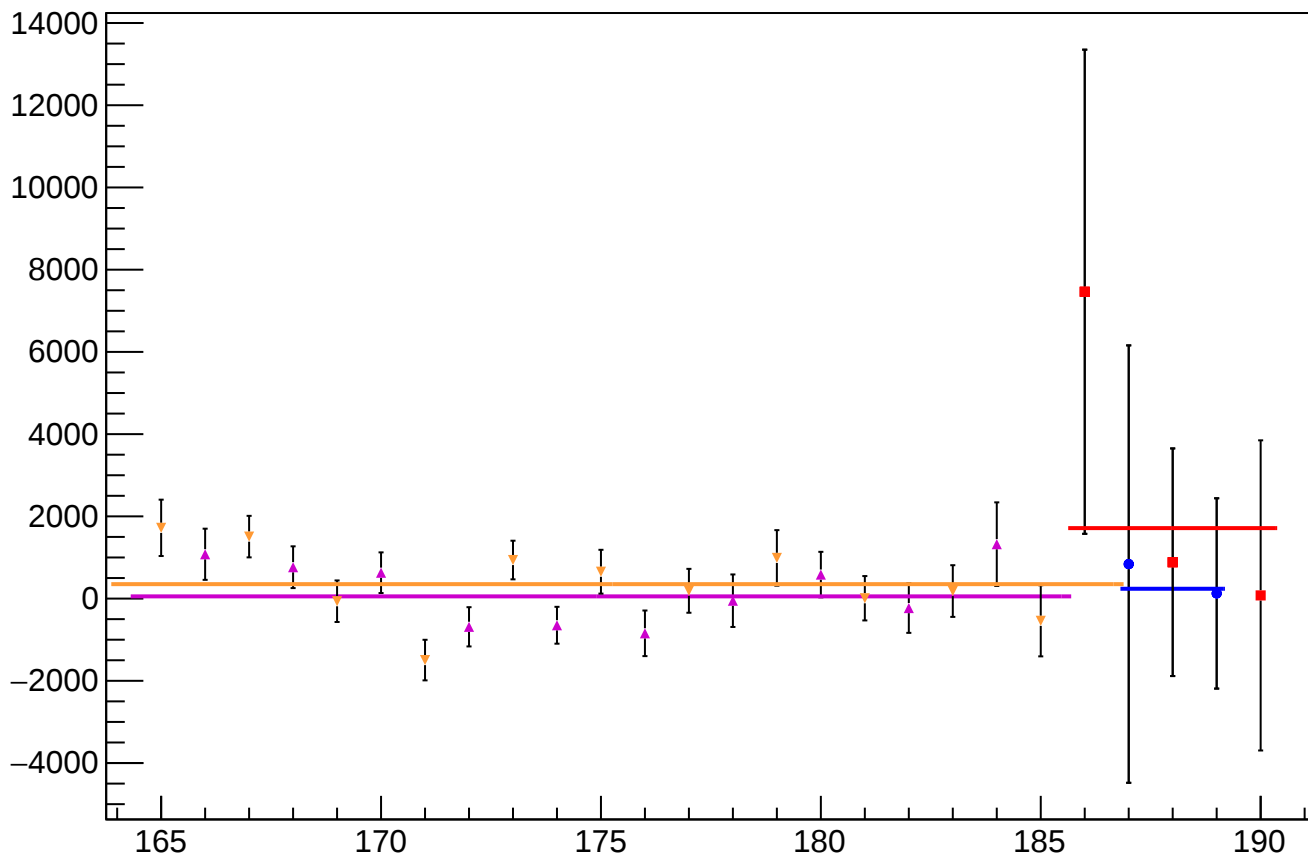
Right: 1918.416 $\pm$ 0.777 χ^2/NDF : 378841.7/8

In: 478.681 $\pm$ 0.122 χ^2/NDF : 1476745.2/13

Out: 483.742 $\pm$ 0.118 χ^2/NDF : 2771680.8/15

All: 481.296 $\pm$ 0.085 χ^2/NDF : 4249315.1/29

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 238.964+/-1500.796 χ^2/NDF : 0.0/3

Left Out: 351.321+/-168.711 χ^2/NDF : 28.3/10

Right Out: 1714.153+/-1603.444 χ^2/NDF : 2.3/4

Left In: 53.966+/-175.148 χ^2/NDF : 16.2/9

Left: 208.208+/-121.508 χ^2/NDF : 46.0/20

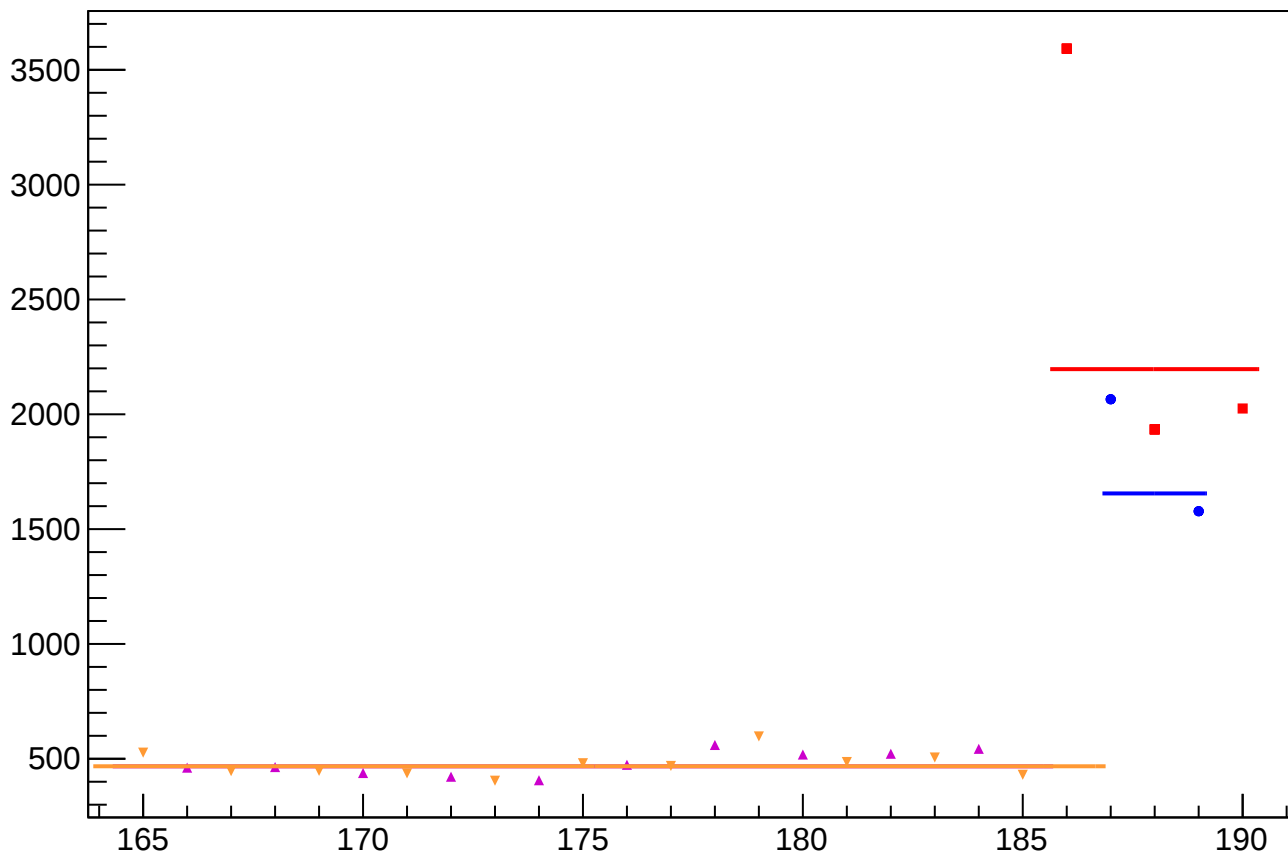
Right: 927.832+/-1095.716 χ^2/NDF : 2.8/8

In: 56.452+/-173.967 χ^2/NDF : 16.3/13

Out: 366.243+/-167.785 χ^2/NDF : 31.3/15

All: 216.950+/-120.768 χ^2/NDF : 49.2/29

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1655.429 $\pm$ 1.061 χ^2/NDF : 28249.8/3

Left Out: 467.319 $\pm$ 0.119 χ^2/NDF : 154005.6/10

Right Out: 2196.659 $\pm$ 1.134 χ^2/NDF : 264804.4/4

Left In: 466.999 $\pm$ 0.124 χ^2/NDF : 149372.7/9

Left: 467.165 $\pm$ 0.086 χ^2/NDF : 303381.8/20

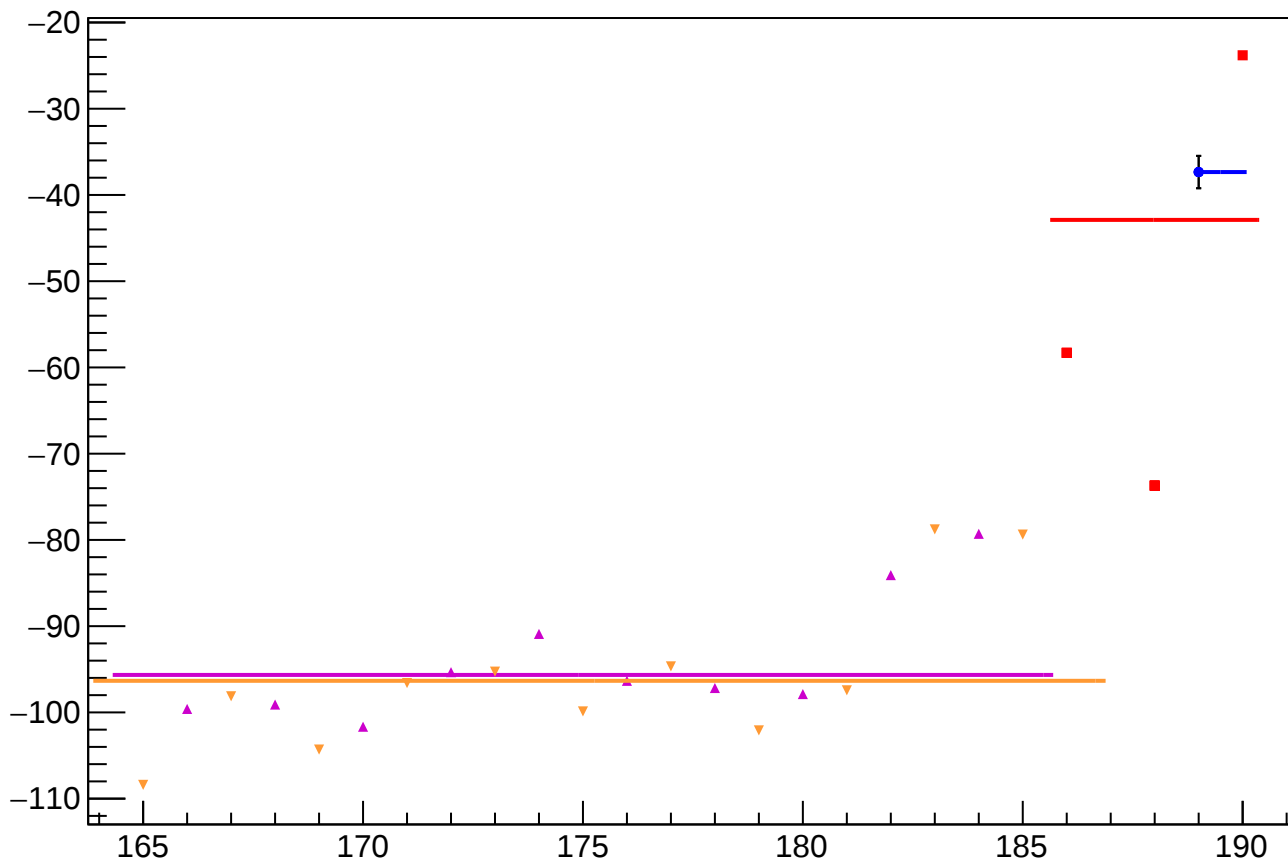
Right: 1908.167 $\pm$ 0.775 χ^2/NDF : 414515.7/8

In: 482.968 $\pm$ 0.123 χ^2/NDF : 1414876.0/13

Out: 486.254 $\pm$ 0.119 χ^2/NDF : 2719732.9/15

All: 484.670 $\pm$ 0.085 χ^2/NDF : 4134978.7/29

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -37.345+/-1.327 χ^2/NDF : 0.0/1

Left Out: -96.336+/-0.068 χ^2/NDF :12681.0/10

Right Out: -42.892+/-0.055 χ^2/NDF : 177909.4/4

Left In: -95.655+/-0.058 χ^2/NDF :10270.5/9

Left: -95.945+/-0.044 χ^2/NDF : 23009.5/20

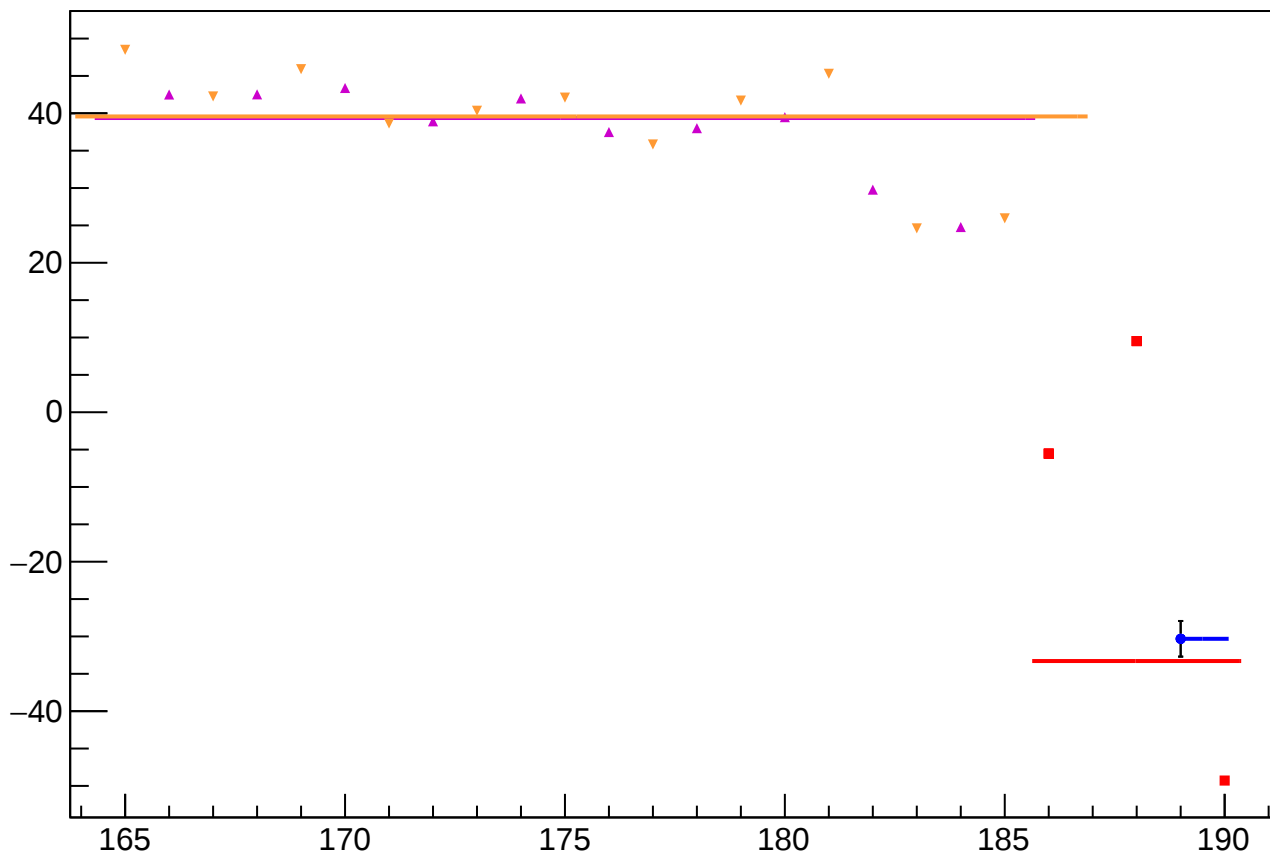
Right: -42.882+/-0.055 χ^2/NDF : 177926.9/6

In: -95.542+/-0.058 χ^2/NDF :12198.1/11

Out: -64.122+/-0.043 χ^2/NDF :565363.3/15

All: -75.095+/-0.034 χ^2/NDF : 766502.9/27

dit_usl_4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 10305.2/9$

Left: 39.461 ± 0.038 $\chi^2/\text{NDF}: 23295.7/20$

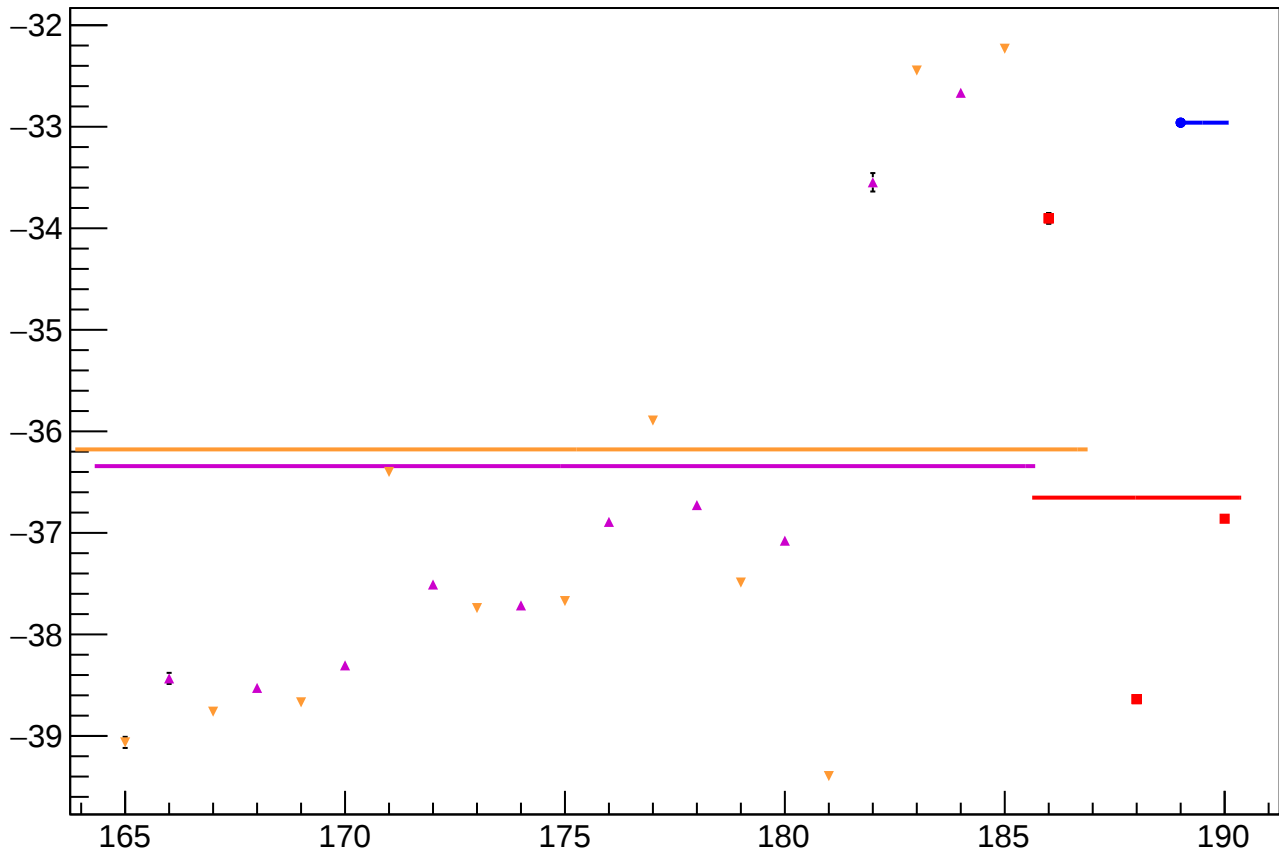
Right: -33.291 ± 0.027 $\chi^2/\text{NDF}: 809228.2/6$

In: 39.305 ± 0.051 $\chi^2/\text{NDF}: 12011.3/11$

Out: -20.000 ± 0.025 $\chi^2/\text{NDF}: 2108881.0/15$

All: -8.744 ± 0.022 $\chi^2/\text{NDF}: 3205475.9/27$

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -32.960 ± 0.023 $\chi^2/\text{NDF}: 0.0/1$

Left Out: -36.178 ± 0.008 $\chi^2/\text{NDF}: 145043.3/10$

Right Out: -36.653 ± 0.020 $\chi^2/\text{NDF}: 9300.3/4$

Left In: -36.342 ± 0.009 $\chi^2/\text{NDF}: 55803.4/9$

Left: -36.248 ± 0.006 $\chi^2/\text{NDF}: 201038.5/20$

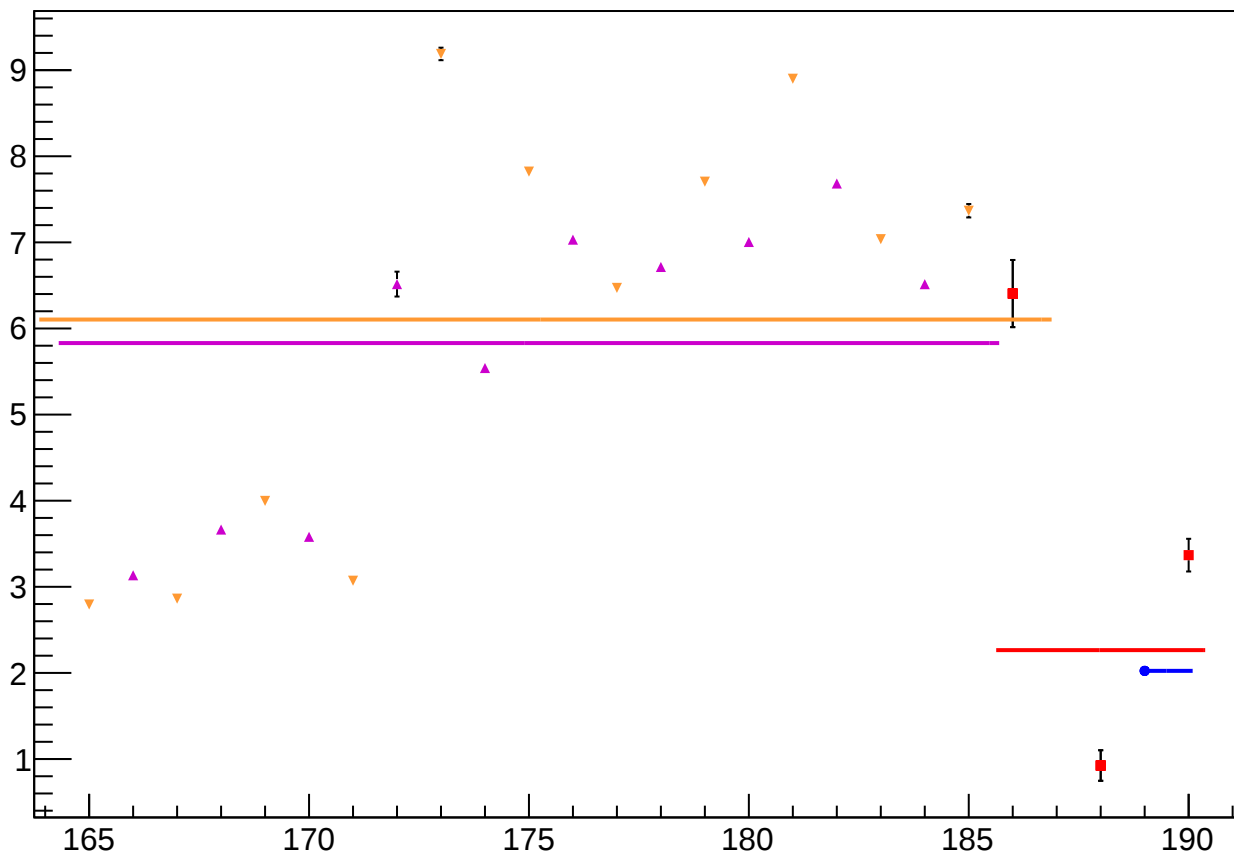
Right: -35.075 ± 0.015 $\chi^2/\text{NDF}: 23924.6/6$

In: -35.898 ± 0.008 $\chi^2/\text{NDF}: 74412.4/11$

Out: -36.240 ± 0.007 $\chi^2/\text{NDF}: 154835.1/15$

All: -36.094 ± 0.005 $\chi^2/\text{NDF}: 230204.0/27$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: 2.024 $\pm$ 0.021 χ^2/NDF : 0.0/1

Left Out: 6.104 $\pm$ 0.010 χ^2/NDF :46076.7/10

Right Out: 2.265 $\pm$ 0.098 χ^2/NDF : 373.3/4

Left In: 5.831 $\pm$ 0.008 χ^2/NDF :19784.4/9

Left: 5.933 $\pm$ 0.006 χ^2/NDF : 66291.5/20

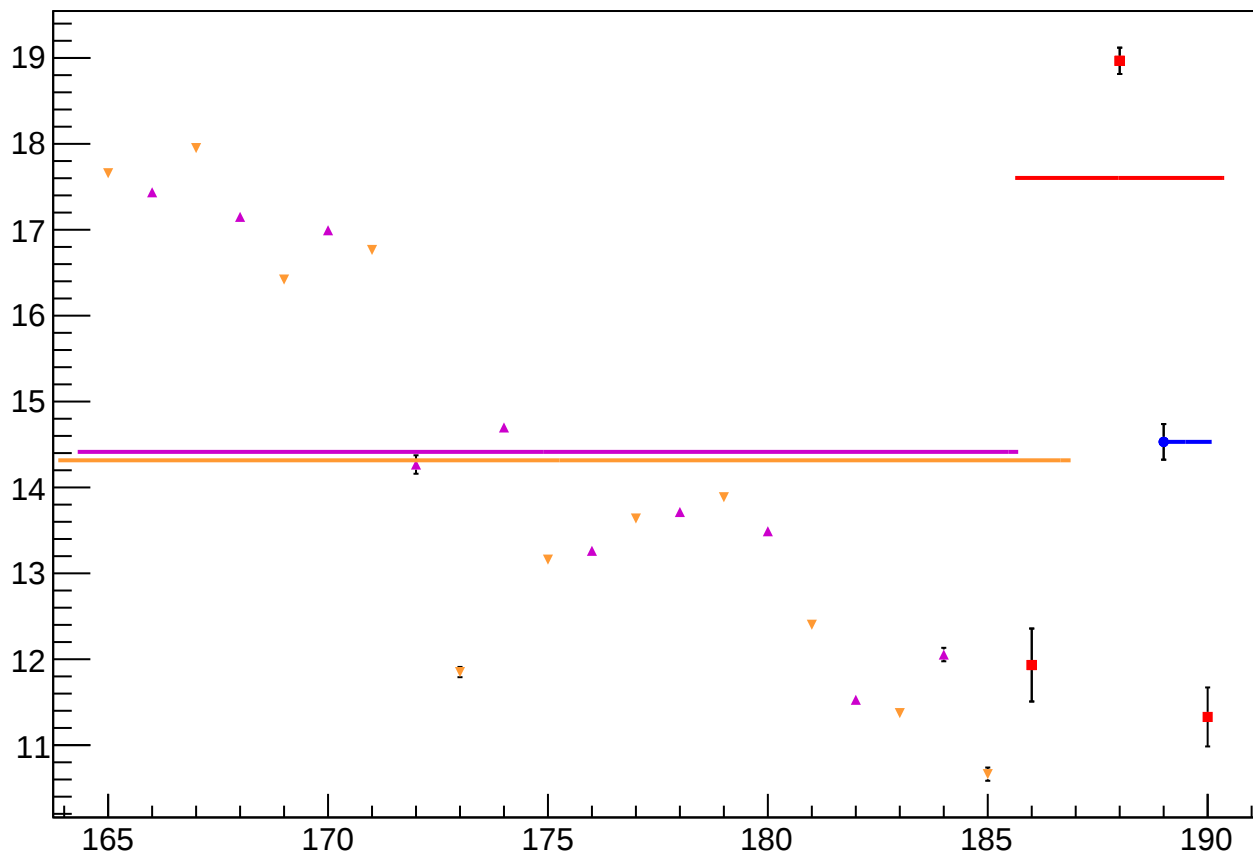
Right: 2.035 $\pm$ 0.021 χ^2/NDF : 379.1/6

In: 5.348 $\pm$ 0.008 χ^2/NDF :48052.8/11

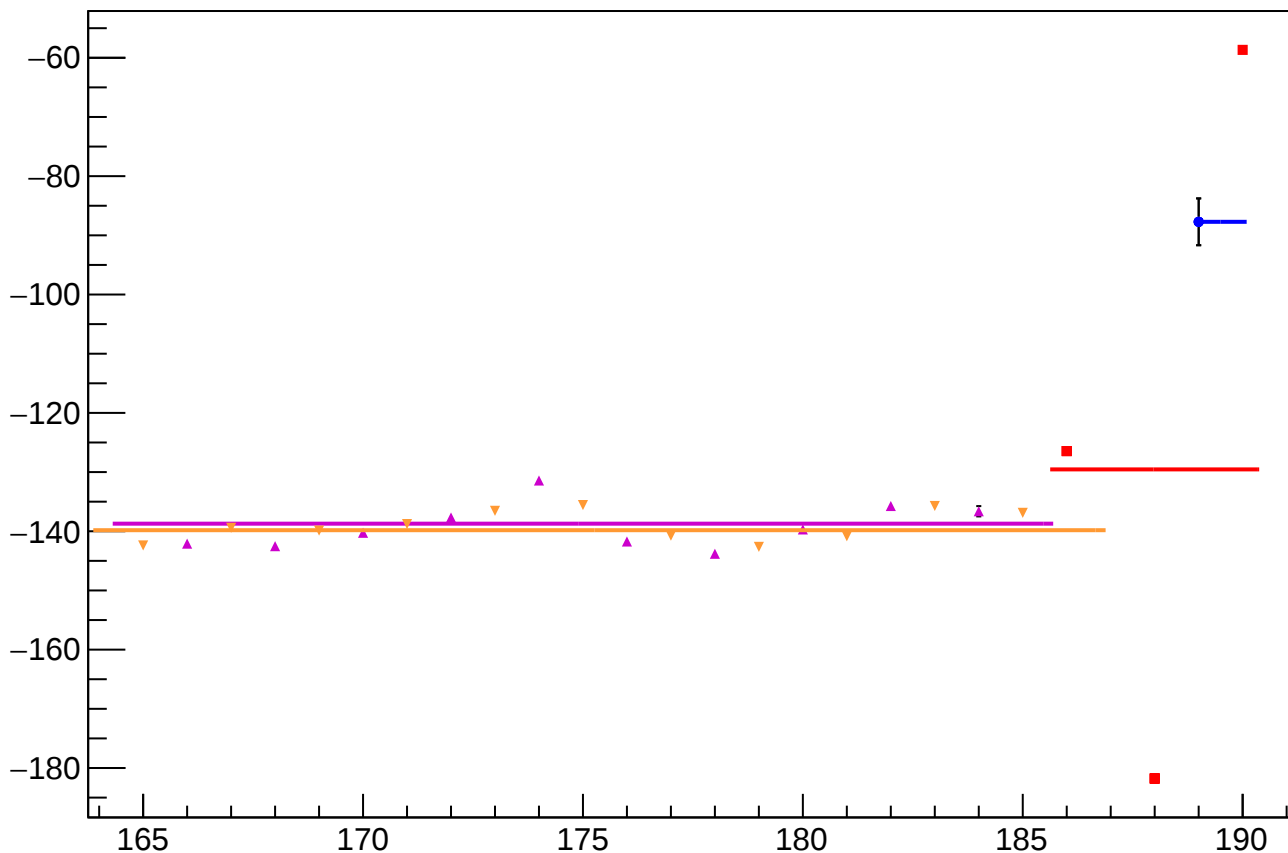
Out: 6.061 $\pm$ 0.010 χ^2/NDF :47971.3/15

All: 5.594 $\pm$ 0.006 χ^2/NDF : 99122.9/27

dit_usl_4eY_slope vs Slug, Sign Corrected



dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -87.716 $\pm$ 2.797 χ^2 /NDF: 0.0/1

Left Out: -139.820 $\pm$ 0.054 χ^2 /NDF:2122.3/10

Right Out: -129.546 $\pm$ 0.115 χ^2 /NDF: 72293.4/4

Left In: -138.716 $\pm$ 0.072 χ^2 /NDF:2721.8/9

Left: -139.418 $\pm$ 0.043 χ^2 /NDF: 4995.6/20

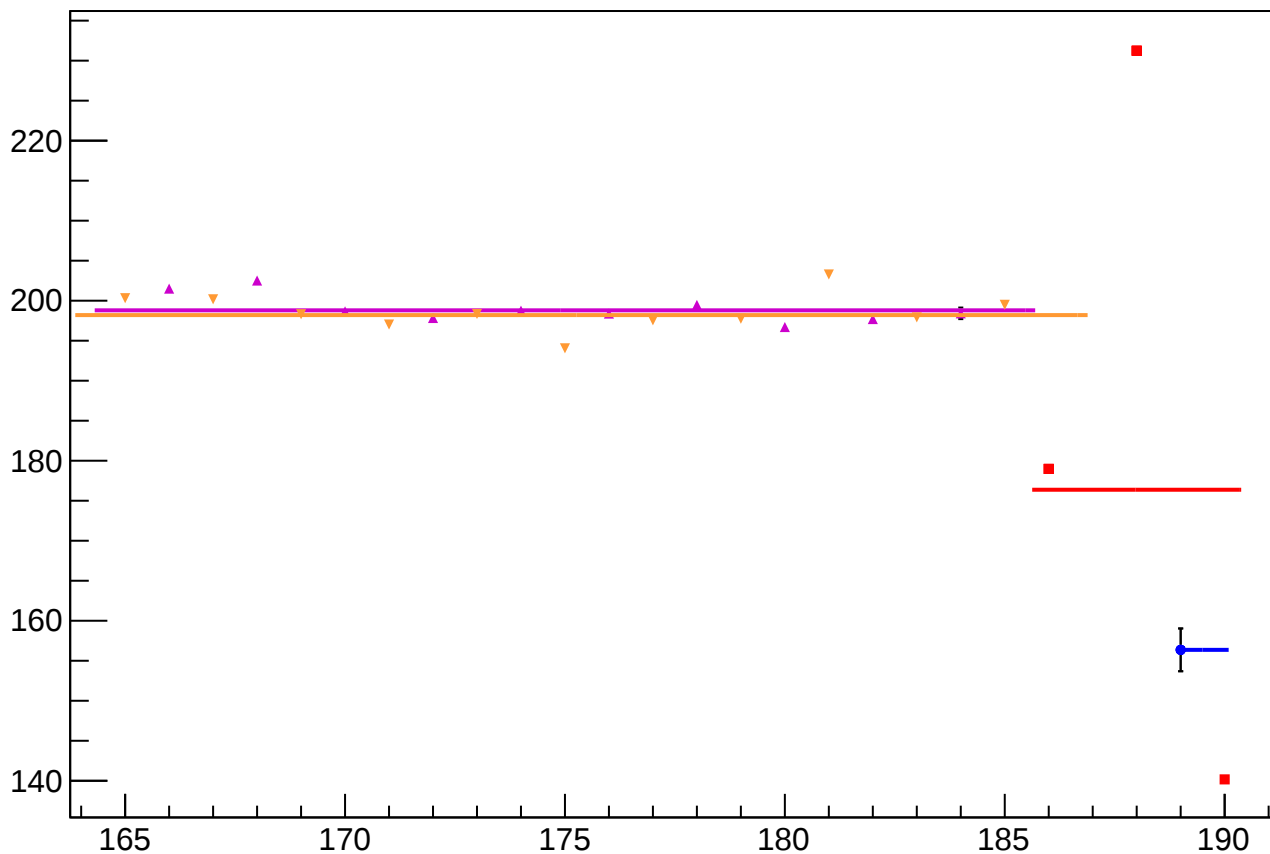
Right: -129.476 $\pm$ 0.115 χ^2 /NDF: 72516.7/6

In: -138.682 $\pm$ 0.072 χ^2 /NDF:3054.1/11

Out: -137.961 $\pm$ 0.049 χ^2 /NDF:80931.4/15

All: -138.191 $\pm$ 0.040 χ^2 /NDF: 84054.7/27

dit_usr_4eX_slope vs Slug, Sign Corrected



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

Left: 198.399 $\pm$ 0.037 χ^2 /NDF: 2646.0/20

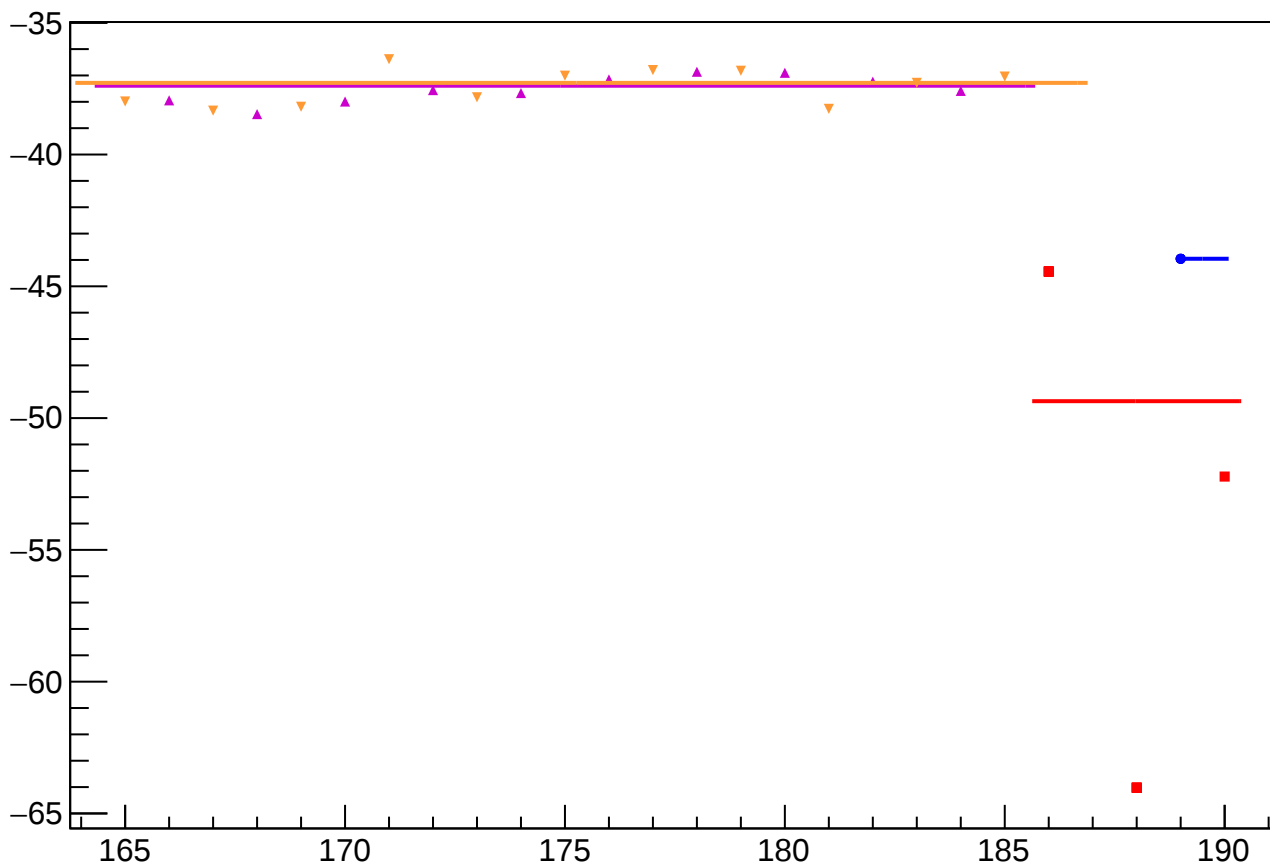
Right: 176.345 $\pm$ 0.071 χ^2 /NDF: 84432.3/6

In: 198.749 $\pm$ 0.064 χ^2 /NDF:1281.3/11

Out: 191.905 $\pm$ 0.038 χ^2 /NDF:153865.6/15

All: 193.698 $\pm$ 0.033 χ^2 /NDF: 163648.5/27

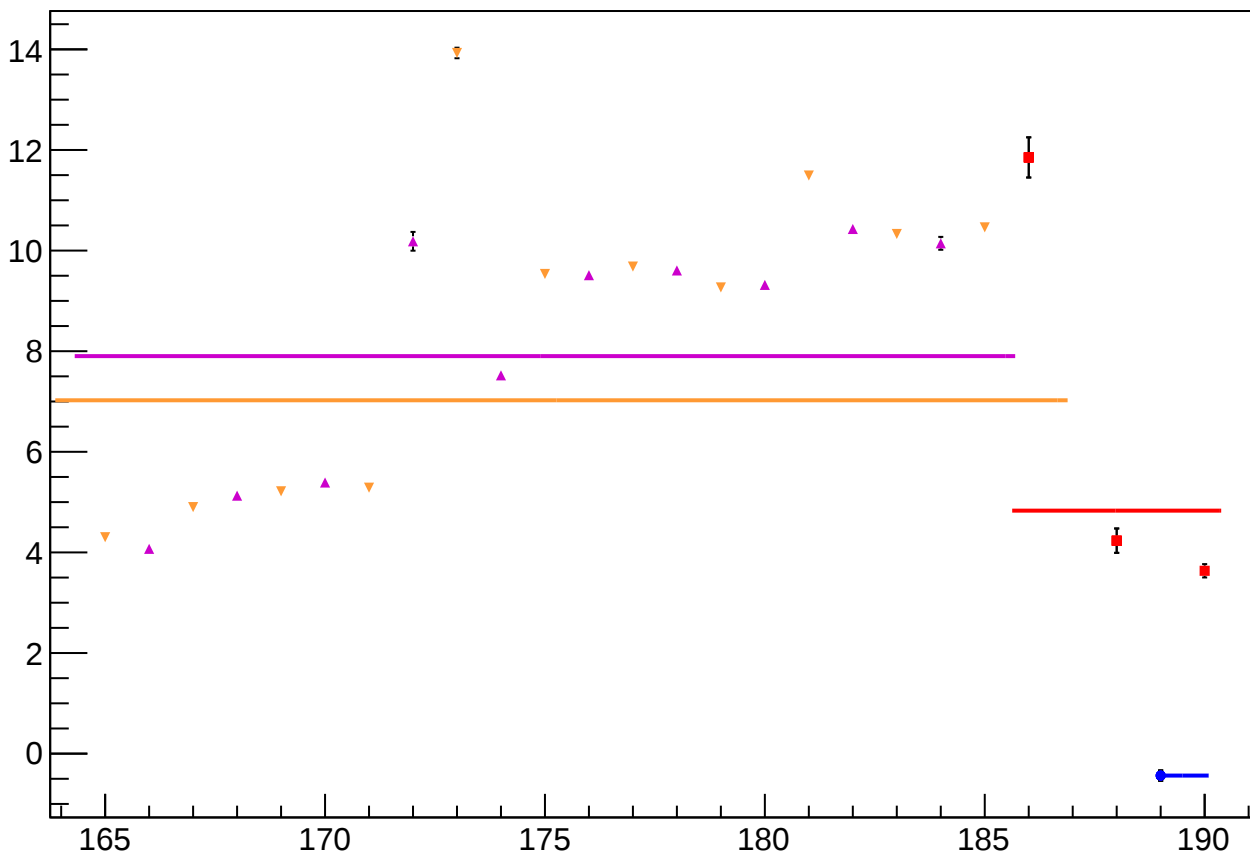
dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -43.955 $\pm$ 0.051 χ^2 /NDF: 0.0/1
 Left Out: -37.281 $\pm$ 0.006 χ^2 /NDF: 9729.1/10
 Right Out: -49.358 $\pm$ 0.050 χ^2 /NDF: 24274.9/4
 Left In: -37.390 $\pm$ 0.007 χ^2 /NDF: 4339.9/9

Left: -37.327 $\pm$ 0.005 χ^2 /NDF: 14197.6/20
 Right: -46.701 $\pm$ 0.036 χ^2 /NDF: 29975.3/6
 In: -37.519 $\pm$ 0.007 χ^2 /NDF: 20569.2/11
 Out: -37.463 $\pm$ 0.006 χ^2 /NDF: 91037.6/15
 All: -37.487 $\pm$ 0.005 χ^2 /NDF: 111641.6/27

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -0.436+/-0.073 χ^2/NDF : 0.0/1

Left Out: 7.024+/-0.007 χ^2/NDF :129829.4/10

Right Out: 4.830+/-0.098 χ^2/NDF : 711.3/4

Left In: 7.902+/-0.010 χ^2/NDF :42976.4/9

Left: 7.320+/-0.006 χ^2/NDF : 177566.1/20

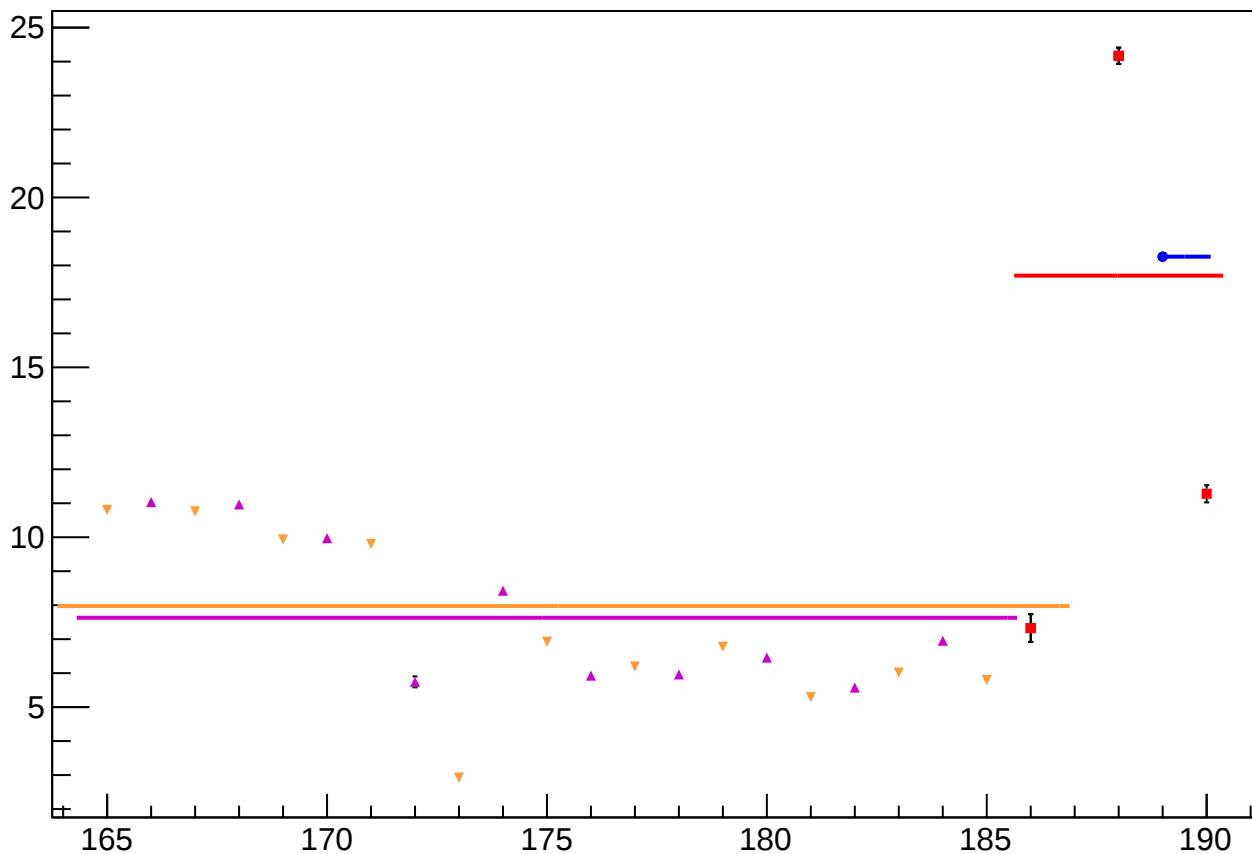
Right: 1.446+/-0.059 χ^2/NDF : 2551.5/6

In: 7.739+/-0.010 χ^2/NDF :55627.9/11

Out: 7.012+/-0.007 χ^2/NDF :131034.8/15

All: 7.259+/-0.006 χ^2/NDF : 189978.5/27

dit_usr_4eY_slope vs Slug, Sign Corrected



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

Left: 7.843 +/- 0.008 χ^2/NDF : 66949.2/20

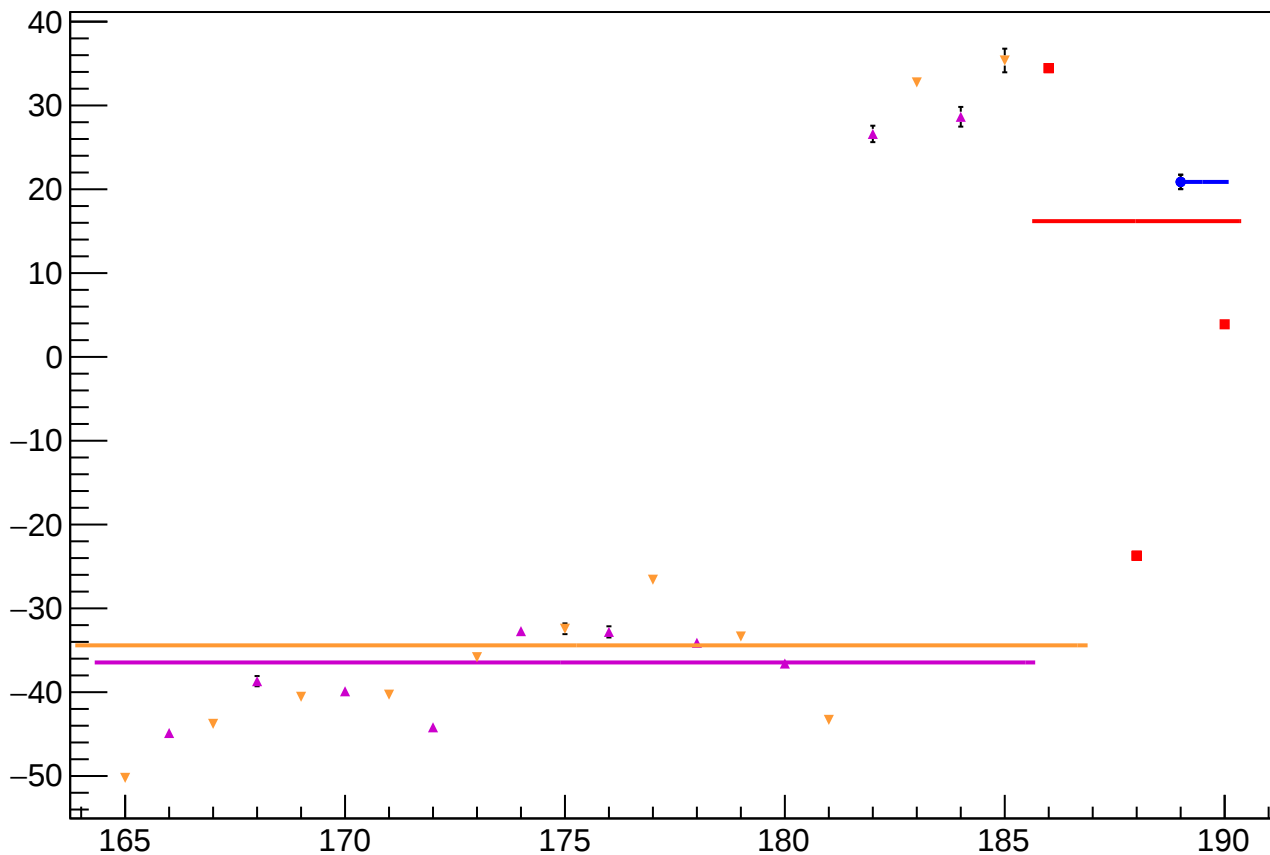
Right: 18.055 +/- 0.076 χ^2/NDF : 3399.8/6

In: 7.815 +/- 0.013 χ^2/NDF : 33130.0/11

Out: 8.035 +/- 0.010 χ^2/NDF : 54719.5/15

All: 7.950 +/- 0.008 χ^2/NDF : 88036.4/27

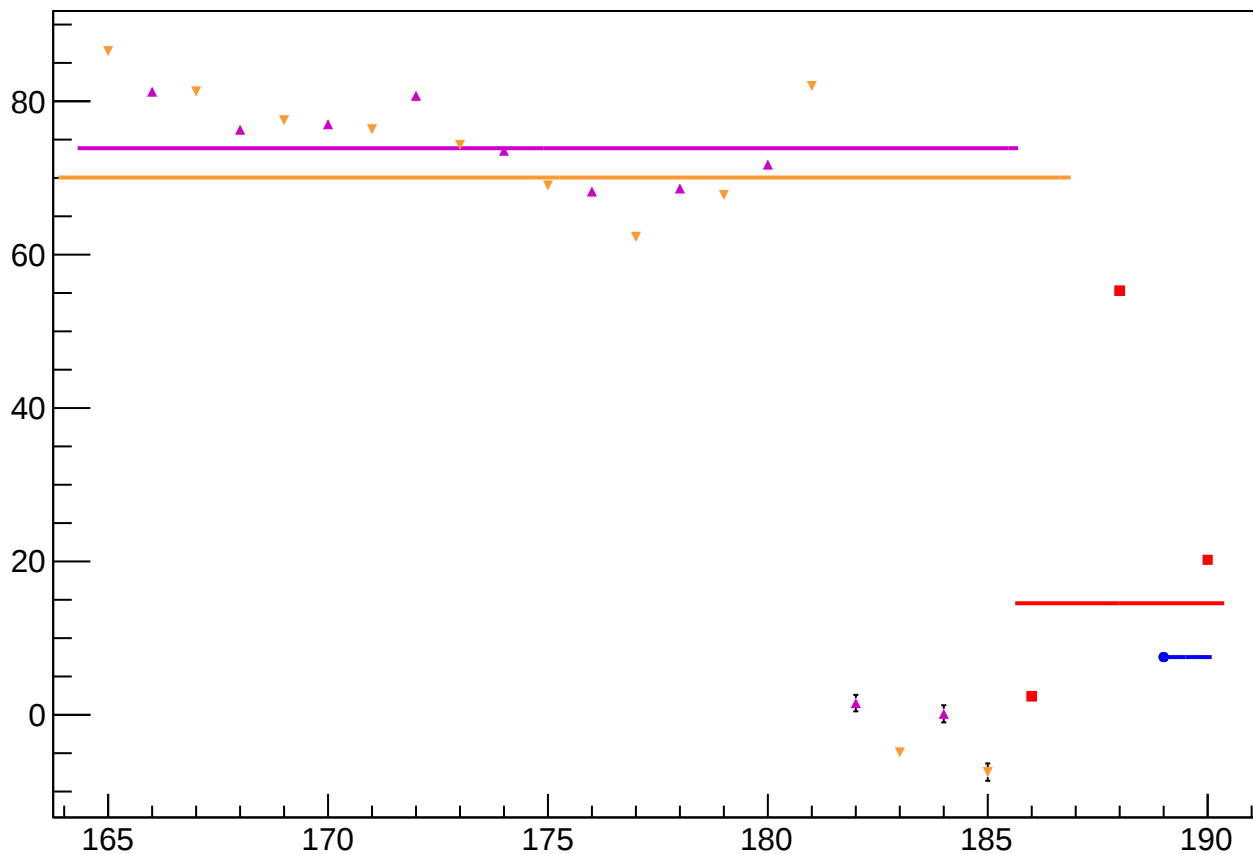
dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: 20.877 ± 0.608 χ^2/NDF : 0.0/1
 Left Out: -34.412 ± 0.125 χ^2/NDF : 26689.6/10
 Right Out: 16.198 ± 0.135 χ^2/NDF : 23083.9/4
 Left In: -36.453 ± 0.148 χ^2/NDF : 8515.3/9

Left: -35.263 ± 0.095 χ^2/NDF : 35316.3/20
 Right: 16.419 ± 0.132 χ^2/NDF : 23140.4/6
 In: -33.261 ± 0.143 χ^2/NDF : 16917.0/11
 Out: -11.136 ± 0.092 χ^2/NDF : 125399.1/15
 All: -17.559 ± 0.077 χ^2/NDF : 159206.8/27

dit_atl1_4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 10317.8/9$

Left: 71.734 ± 0.087 $\chi^2/\text{NDF}: 50173.4/20$

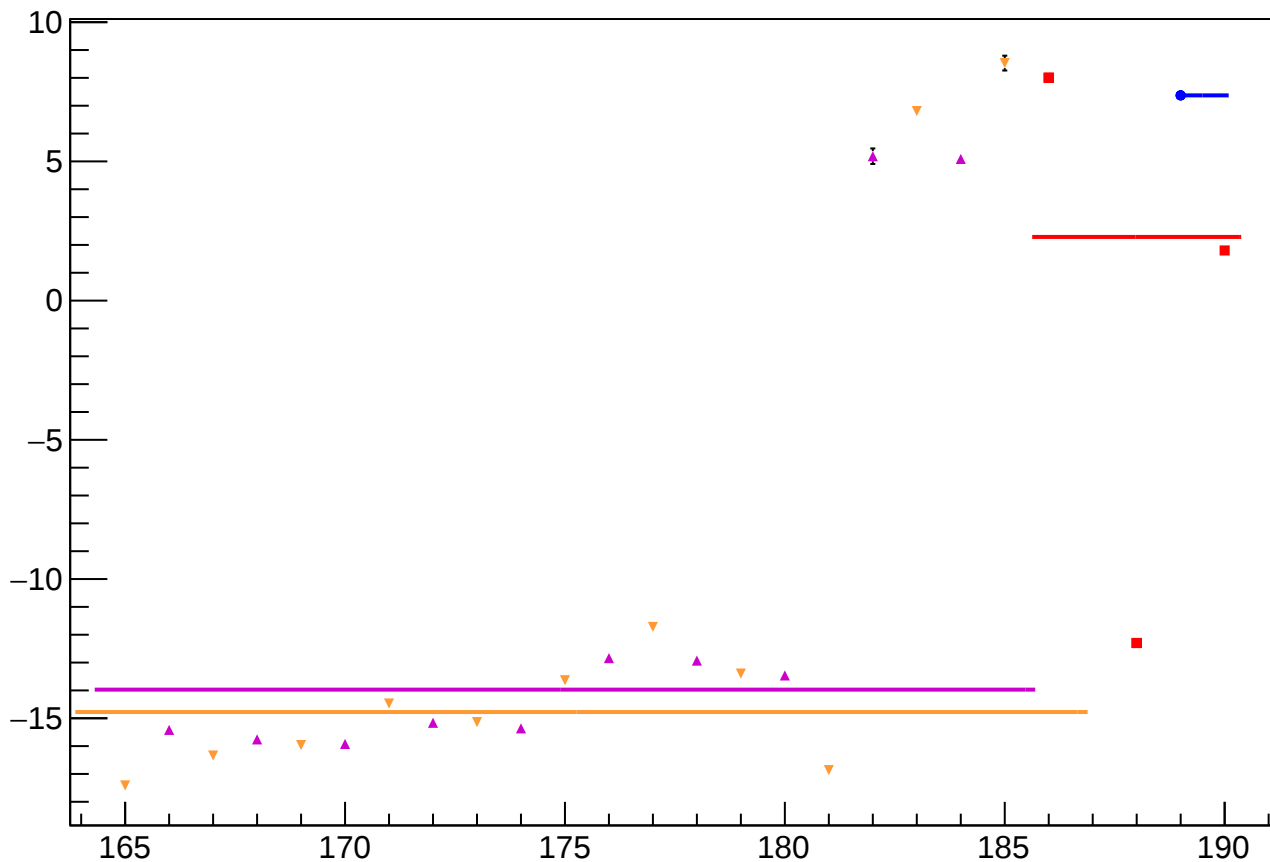
Right: 13.579 ± 0.090 $\chi^2/\text{NDF}: 28848.0/6$

In: 58.910 ± 0.115 $\chi^2/\text{NDF}: 68202.0/11$

Out: 37.438 ± 0.074 $\chi^2/\text{NDF}: 202107.4/15$

All: 43.763 ± 0.063 $\chi^2/\text{NDF}: 294792.5/27$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



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

Left: -14.419 $\pm$ 0.012 χ^2/NDF : 130121.0/20

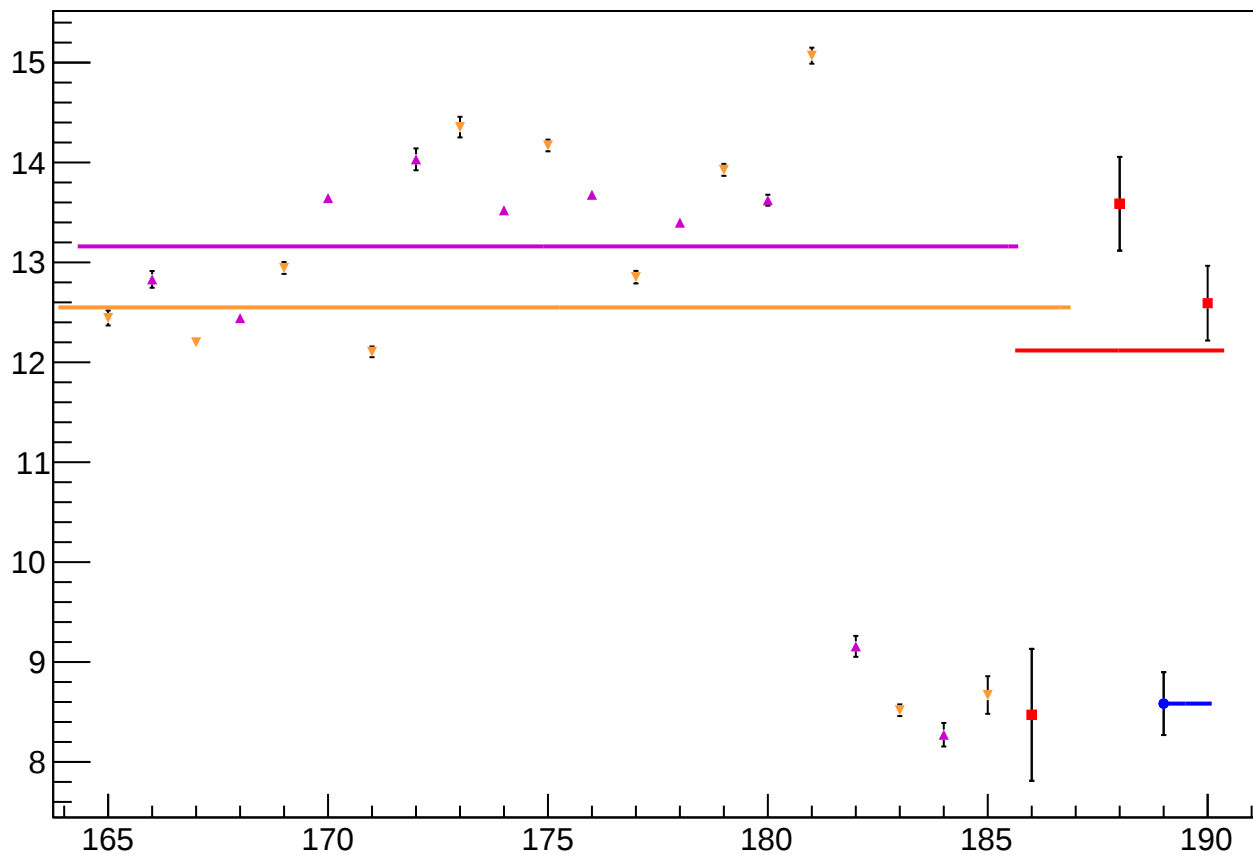
Right: 4.796 $\pm$ 0.029 χ^2/NDF : 42956.4/6

In: -10.850 $\pm$ 0.016 χ^2/NDF : 252016.0/11

Out: -12.675 $\pm$ 0.014 χ^2/NDF : 284885.4/15

All: -11.852 $\pm$ 0.011 χ^2/NDF : 544058.0/27

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 8.584 ± 0.222 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 12.550 ± 0.020 $\chi^2/\text{NDF}: 7955.1/10$

Right Out: 12.118 ± 0.219 $\chi^2/\text{NDF}: 82.2/4$

Left In: 13.160 ± 0.015 $\chi^2/\text{NDF}: 4337.0/9$

Left: 12.932 ± 0.012 $\chi^2/\text{NDF}: 12901.6/20$

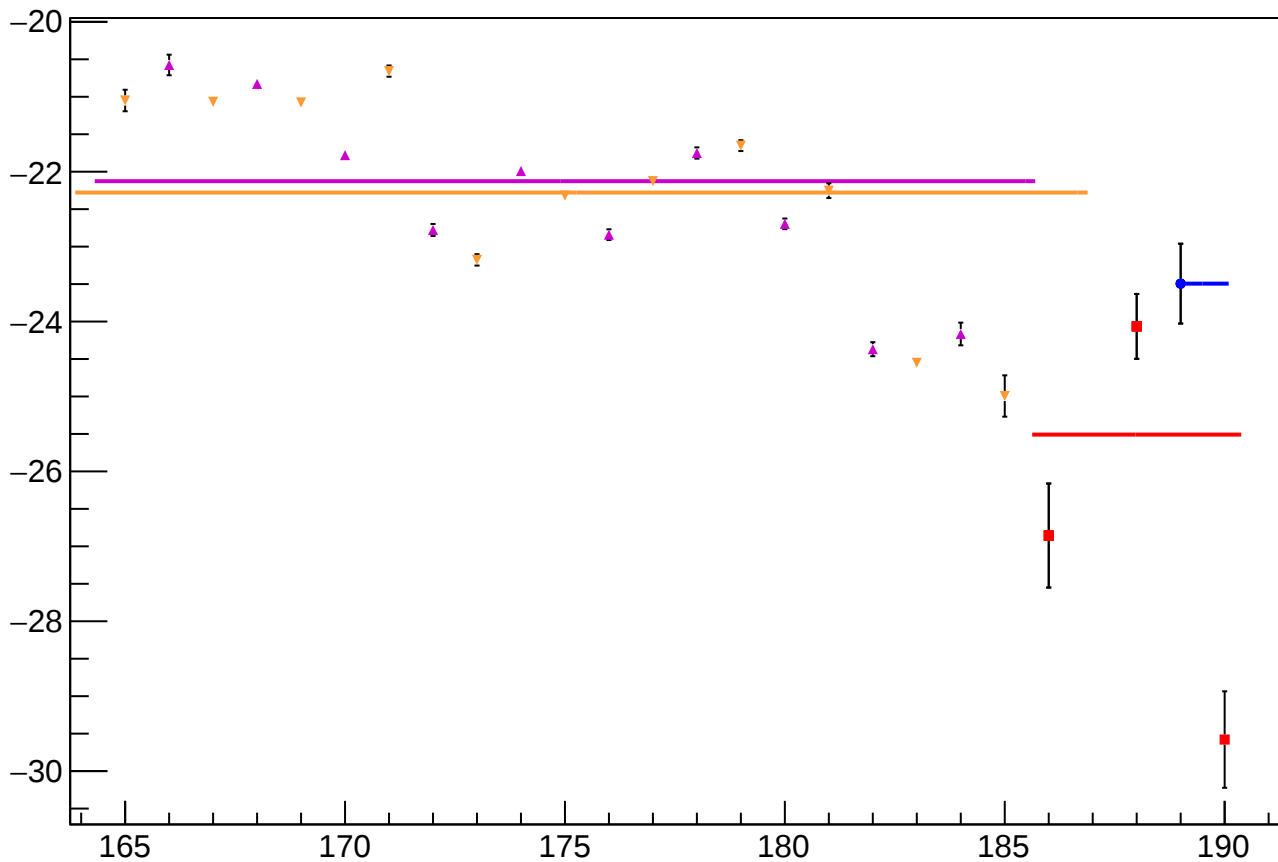
Right: 10.378 ± 0.156 $\chi^2/\text{NDF}: 210.4/6$

In: 13.139 ± 0.015 $\chi^2/\text{NDF}: 4758.2/11$

Out: 12.546 ± 0.019 $\chi^2/\text{NDF}: 8041.1/15$

All: 12.917 ± 0.012 $\chi^2/\text{NDF}: 13377.9/27$

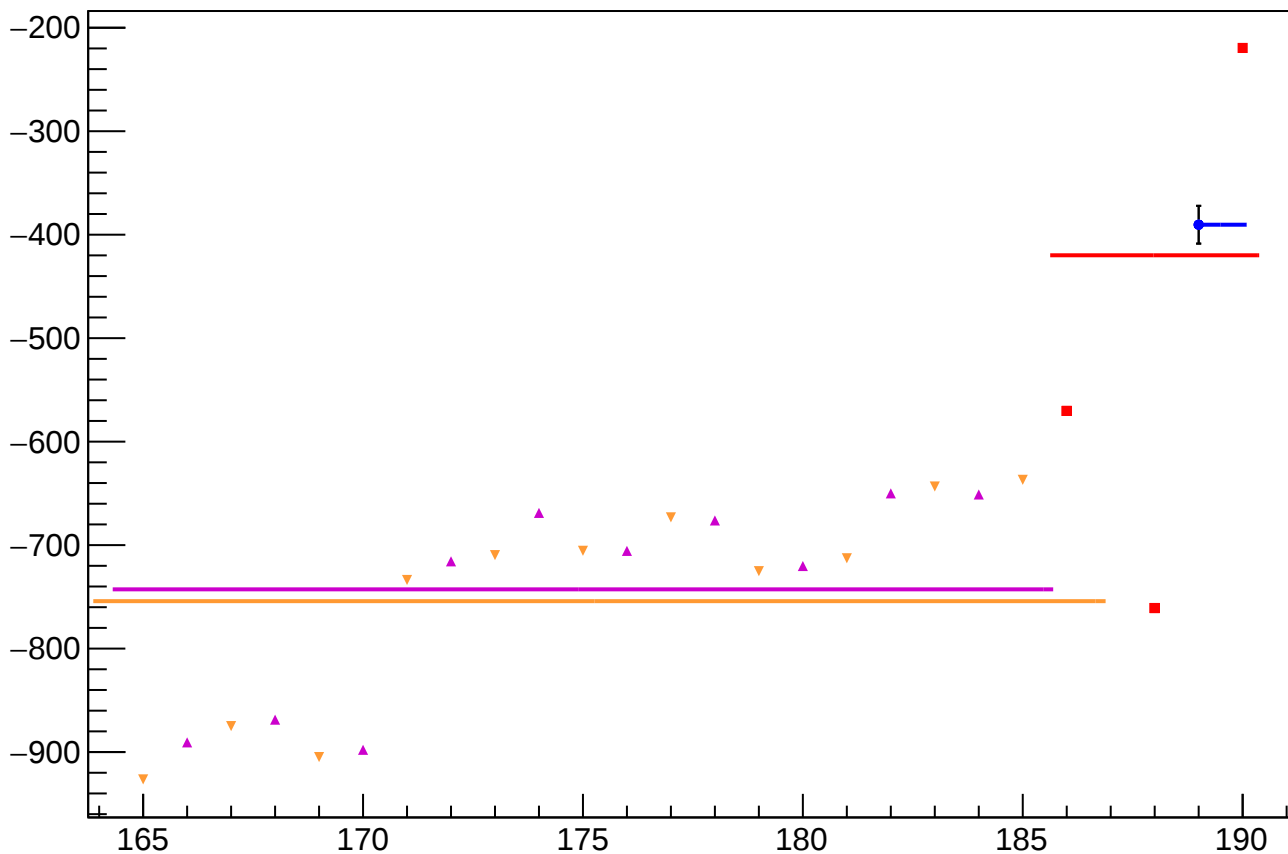
dit_atl1_4eY_slope vs Slug, Sign Corrected



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

Left: -22.215 ± 0.015 χ^2/NDF : 5679.7/20
 Right: -24.924 ± 0.203 χ^2/NDF : 90.0/6
 In: -22.132 ± 0.023 χ^2/NDF : 1720.9/11
 Out: -22.300 ± 0.020 χ^2/NDF : 4195.9/15
 All: -22.230 ± 0.015 χ^2/NDF : 5946.9/27

dit_atl2_4aX_slope vs Slug, Sign Corrected



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

Left: -749.028+/-0.144 χ^2/NDF : 414569.6/20

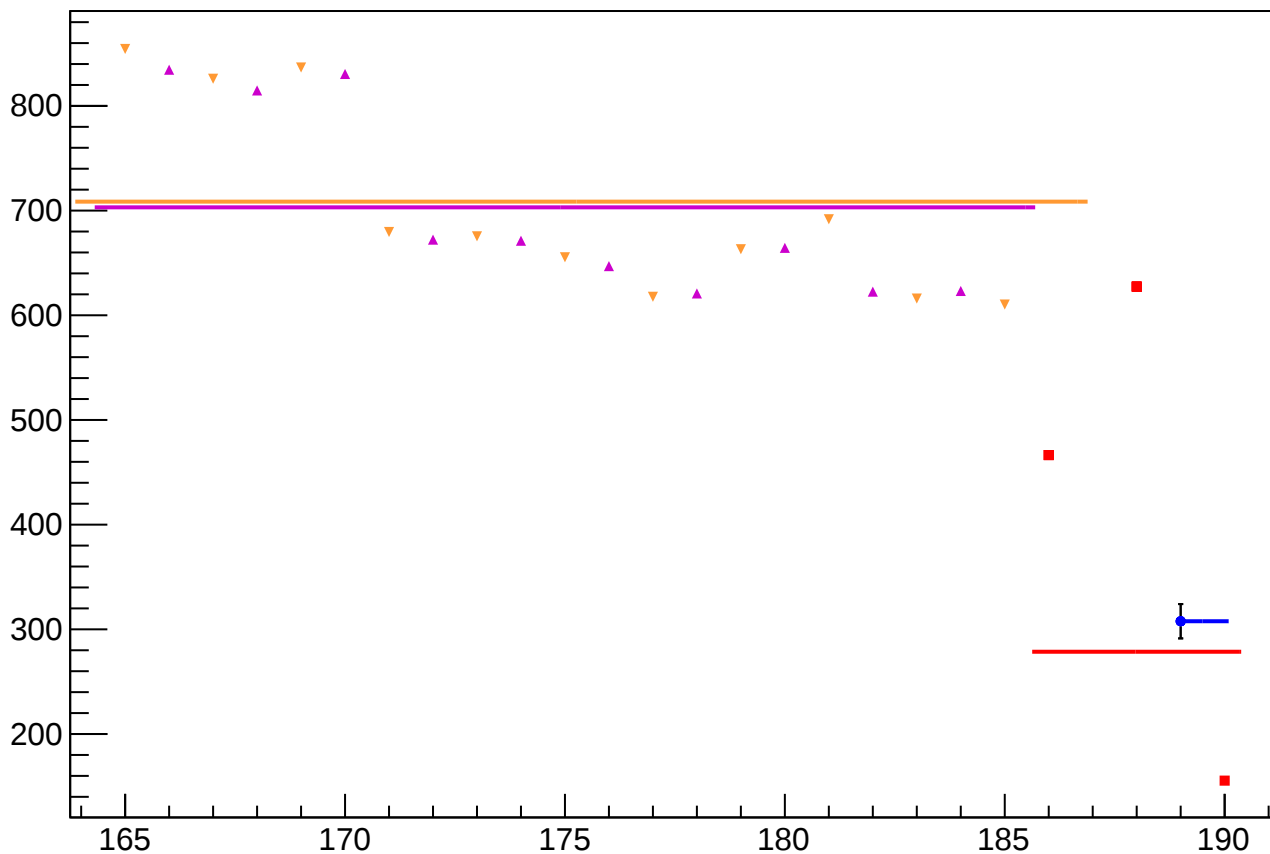
Right: -419.890+/-0.202 χ^2/NDF : 1380144.0/6

In: -742.652+/-0.215 χ^2/NDF : 171419.2/11

Out: -593.392+/-0.140 χ^2/NDF : 3040973.6/15

All: -637.882+/-0.117 χ^2/NDF : 3550099.8/27

dit_atl2_4eX_slope vs Slug, Sign Corrected



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

Left: 706.045+/-0.125 χ^2/NDF : 444457.7/20

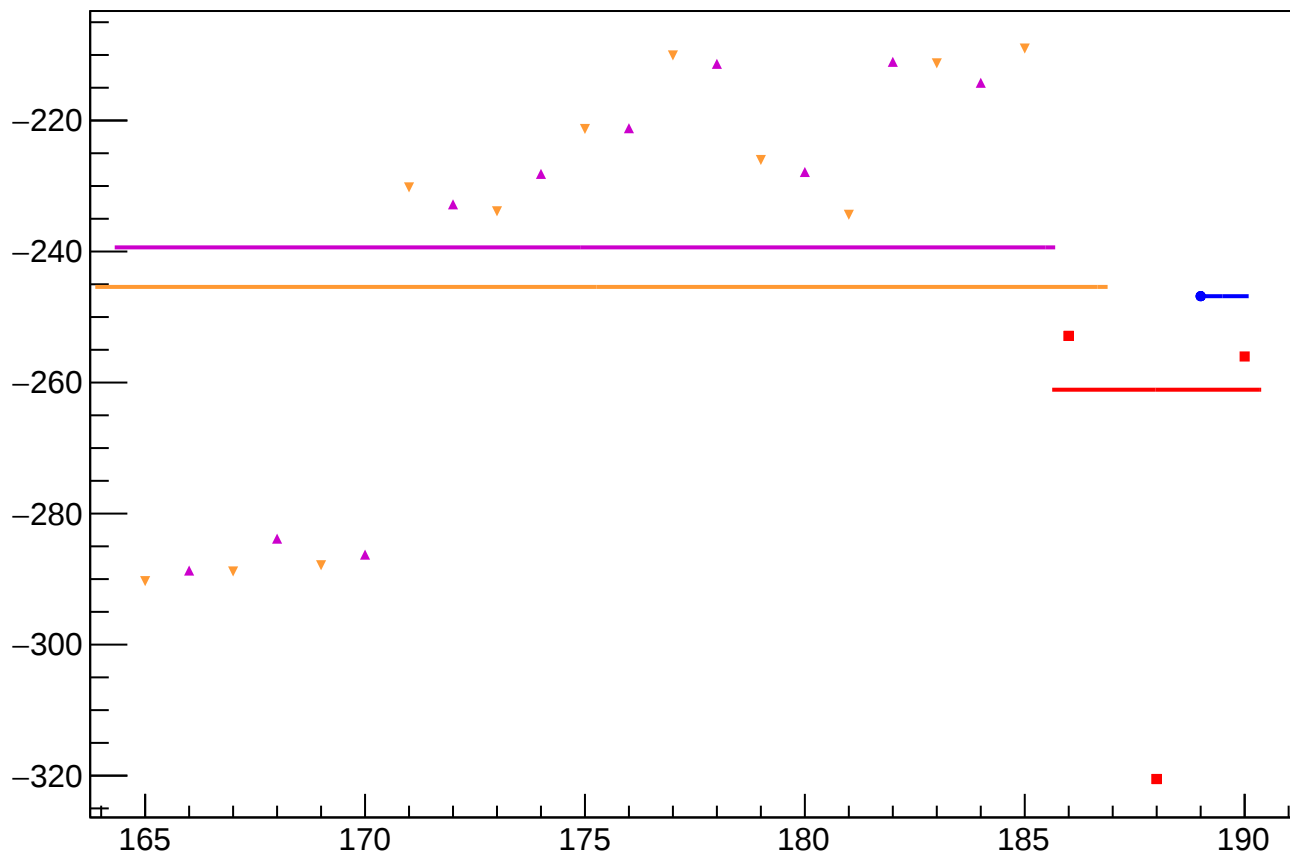
Right: 278.601+/-0.129 χ^2/NDF : 1875004.8/6

In: 703.000+/-0.185 χ^2/NDF :201295.8/11

Out: 435.544+/-0.103 χ^2/NDF :6147597.7/15

All: 499.027+/-0.090 χ^2/NDF : 7945322.6/27

dit_atl2_11X12X_slope vs Slug, Sign Corrected



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

Left: -242.644+/-0.025 χ^2/NDF : 1506265.4/20

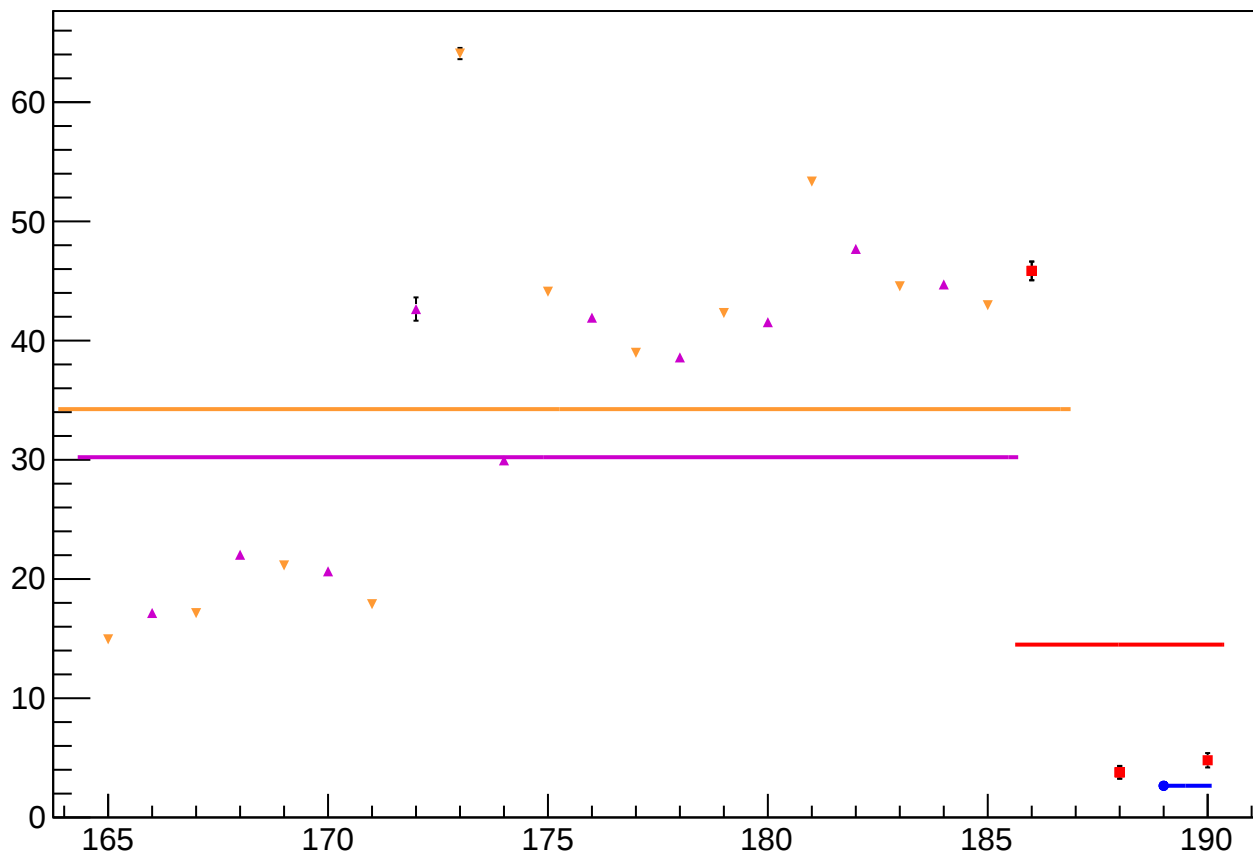
Right: -258.302+/-0.053 χ^2/NDF : 116901.0/6

In: -240.016+/-0.036 χ^2/NDF : 666127.6/11

Out: -249.299+/-0.030 χ^2/NDF : 987353.0/15

All: -245.499+/-0.023 χ^2/NDF : 1693648.8/27

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: 2.659+/-0.015 χ^2/NDF : 0.0/1

Left Out: 34.252+/-0.026 χ^2/NDF :309898.6/10

Right Out: 14.499+/-0.277 χ^2/NDF : 4266.7/4

Left In: 30.219+/-0.029 χ^2/NDF :104925.3/9

Left: 32.479+/-0.019 χ^2/NDF : 425749.4/20

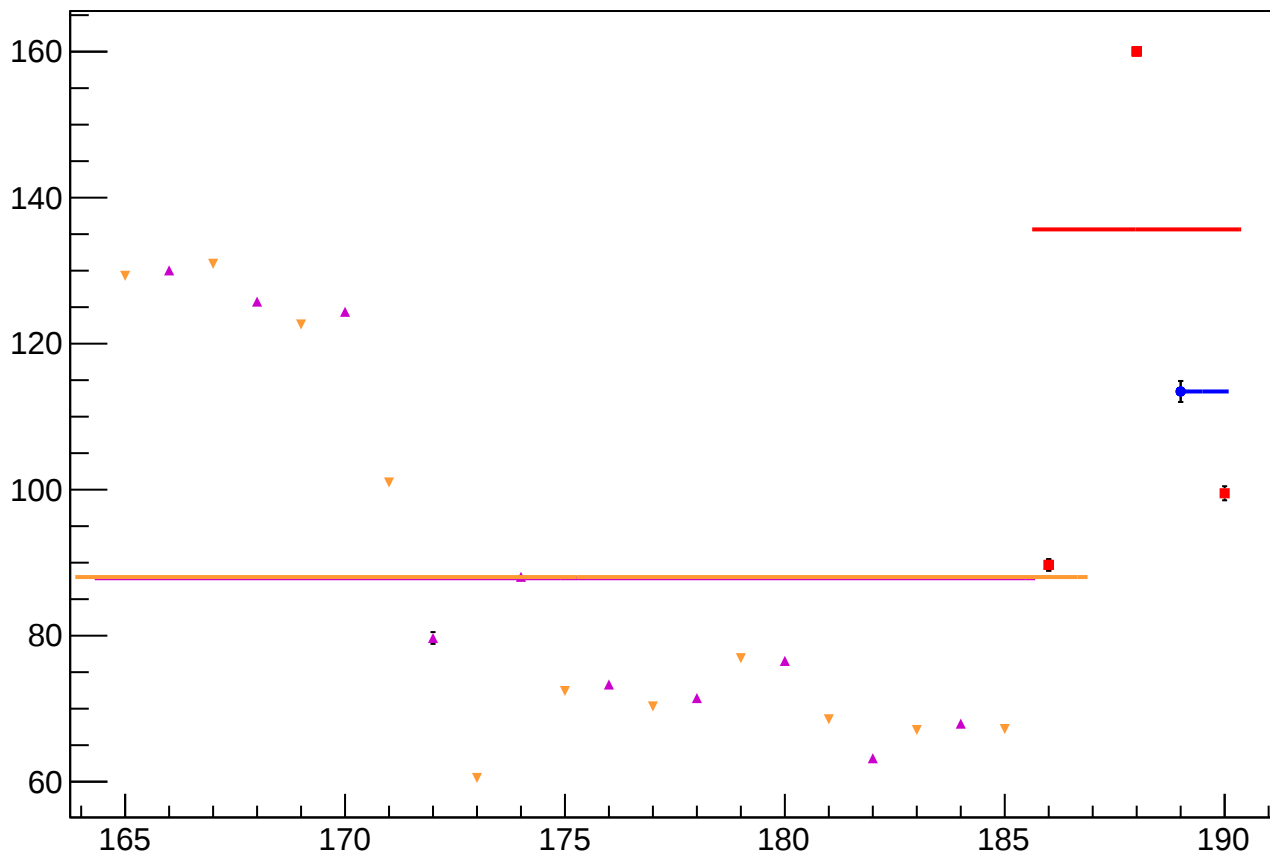
Right: 2.695+/-0.015 χ^2/NDF : 6089.6/6

In: 8.687+/-0.014 χ^2/NDF :816047.2/11

Out: 34.085+/-0.025 χ^2/NDF :319212.6/15

All: 14.261+/-0.012 χ^2/NDF : 1911057.4/27

dit_atl2_4eY_slope vs Slug, Sign Corrected



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

Left: 87.963+/-0.024 χ^2/NDF : 1090859.0/20

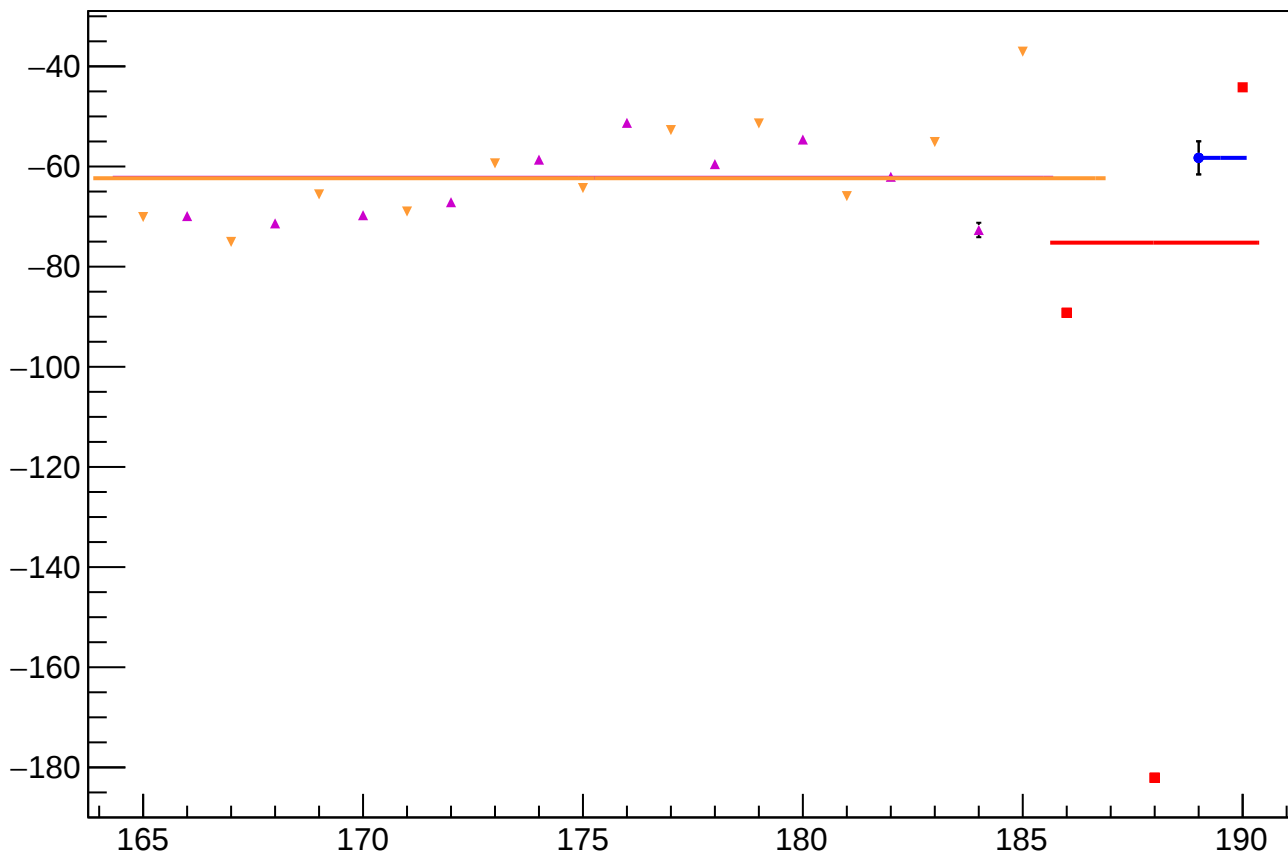
Right: 133.996+/-0.278 χ^2/NDF : 13265.7/6

In: 87.902+/-0.038 χ^2/NDF : 416842.0/11

Out: 88.588+/-0.031 χ^2/NDF : 714384.5/15

All: 88.310+/-0.024 χ^2/NDF : 1131422.2/27

dit_atr1_4aX_slope vs Slug, Sign Corrected



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

Left: -62.296 $\pm$ 0.114 χ^2 /NDF: 4971.7/20

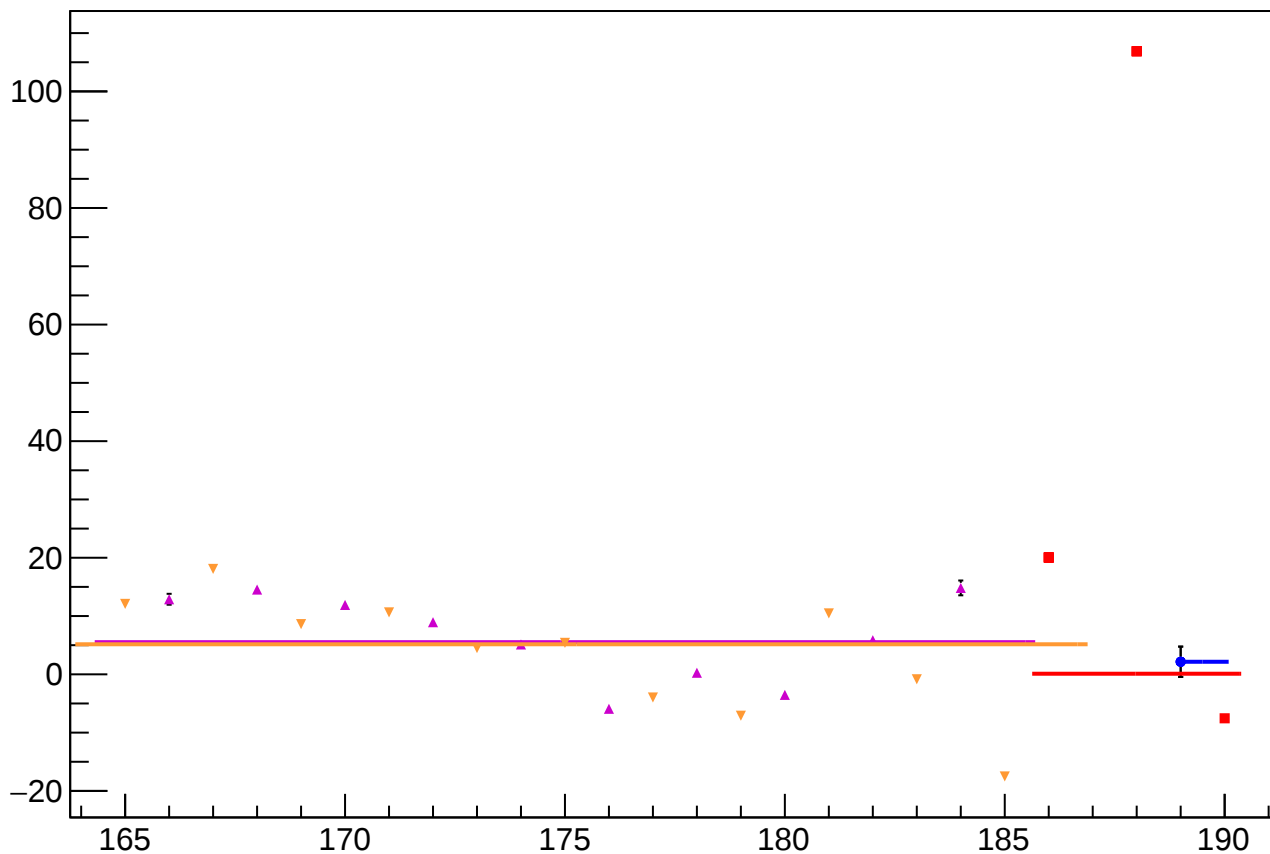
Right: -75.113 $\pm$ 0.174 χ^2 /NDF: 83692.5/6

In: -62.233 $\pm$ 0.160 χ^2 /NDF:1769.8/11

Out: -68.245 $\pm$ 0.118 χ^2 /NDF:89774.7/15

All: -66.112 $\pm$ 0.095 χ^2 /NDF: 92458.9/27

dit_atr1_4eX_slope vs Slug, Sign Corrected



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

Left: 5.336+/-0.101 χ^2/NDF : 6056.2/20

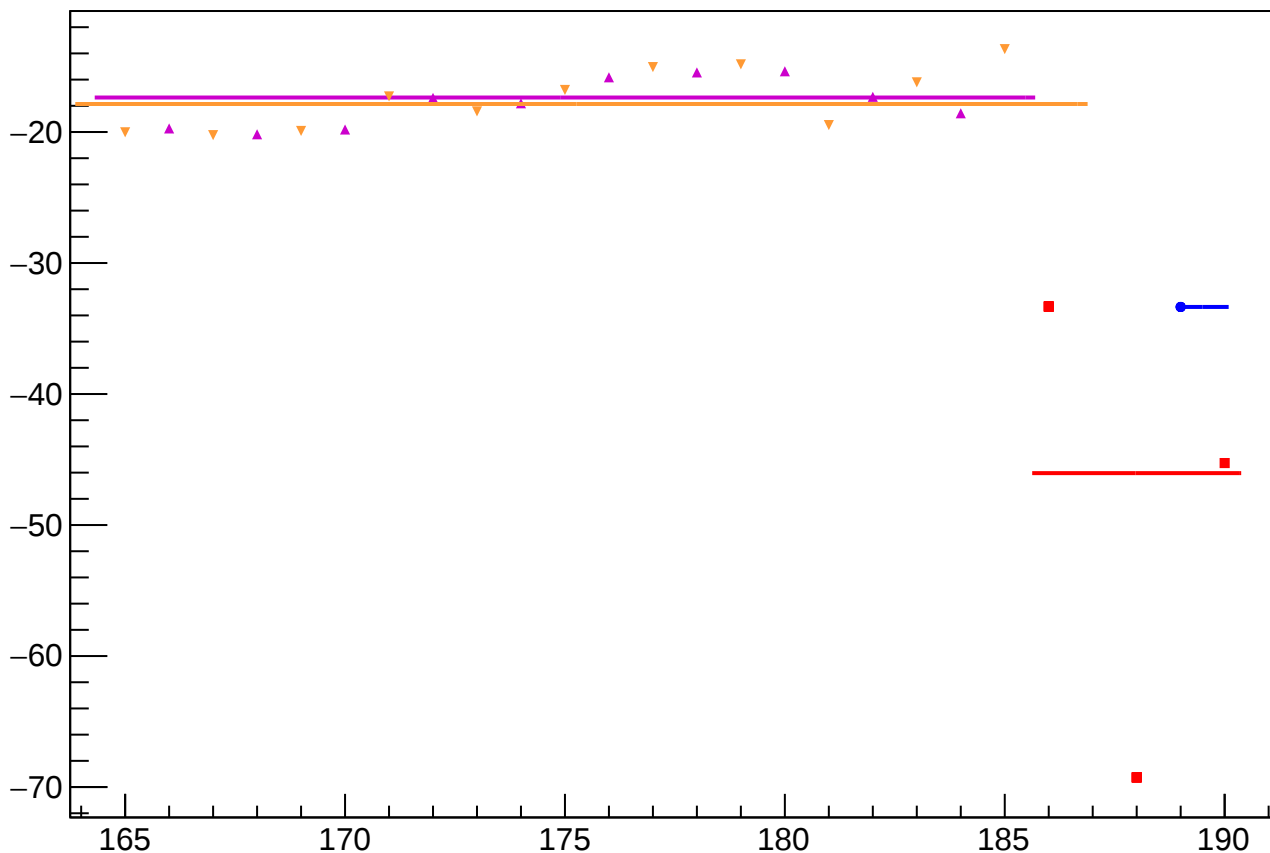
Right: 0.108+/-0.095 χ^2/NDF : 69126.3/6

In: 5.497+/-0.143 χ^2/NDF :2221.8/11

Out: 1.641+/-0.079 χ^2/NDF :73826.1/15

All: 2.540+/-0.069 χ^2/NDF : 76603.3/27

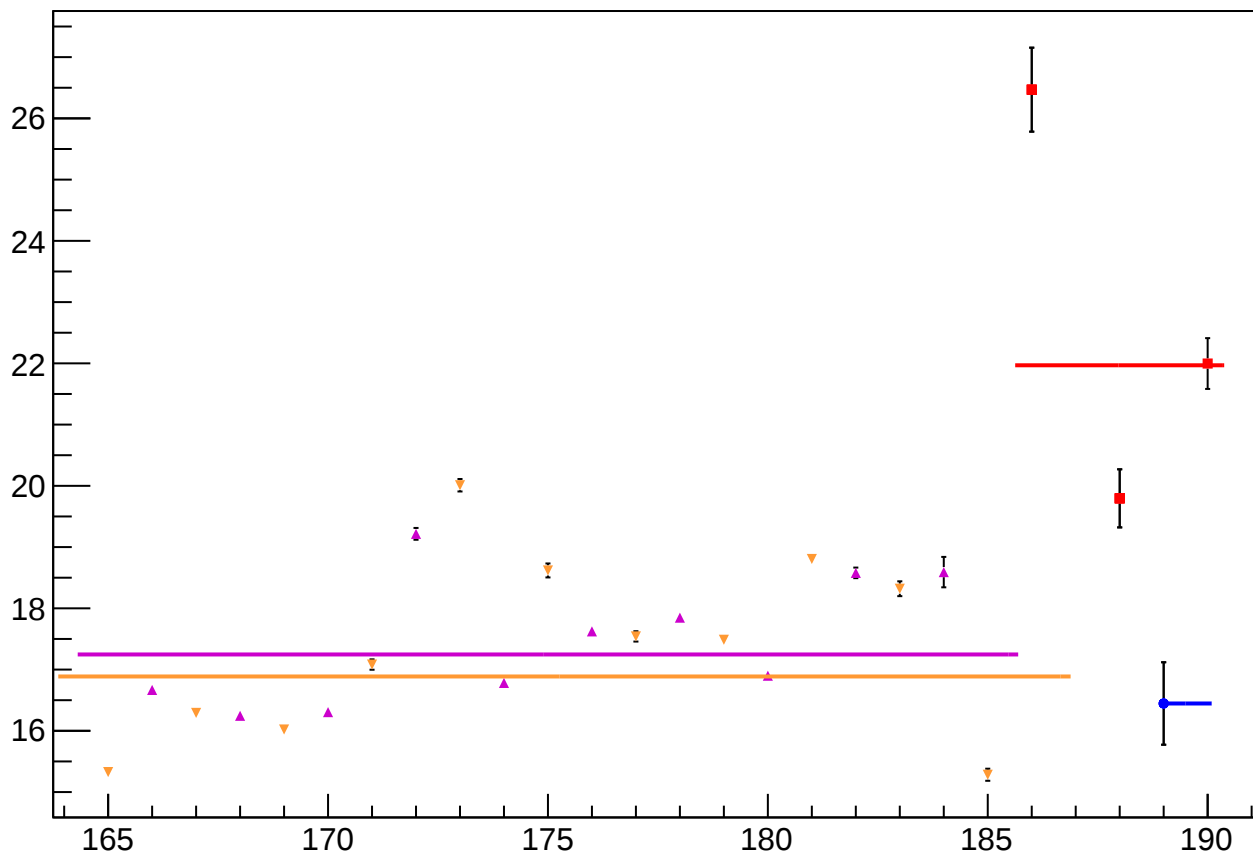
dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -33.353 ± 0.255 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -17.862 ± 0.020 $\chi^2/\text{NDF}: 11426.6/10$
 Right Out: -46.038 ± 0.091 $\chi^2/\text{NDF}: 24697.5/4$
 Left In: -17.367 ± 0.023 $\chi^2/\text{NDF}: 5680.6/9$

Left: -17.652 ± 0.015 $\chi^2/\text{NDF}: 17379.0/20$
 Right: -44.613 ± 0.086 $\chi^2/\text{NDF}: 26888.0/6$
 In: -17.493 ± 0.023 $\chi^2/\text{NDF}: 9568.9/11$
 Out: -19.109 ± 0.019 $\chi^2/\text{NDF}: 128047.5/15$
 All: -18.438 ± 0.015 $\chi^2/\text{NDF}: 140585.7/27$

dit_atr1_4aY_slope vs Slug, Sign Corrected



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

Left: 17.090 $\pm$ 0.014 χ^2/NDF : 5270.3/20

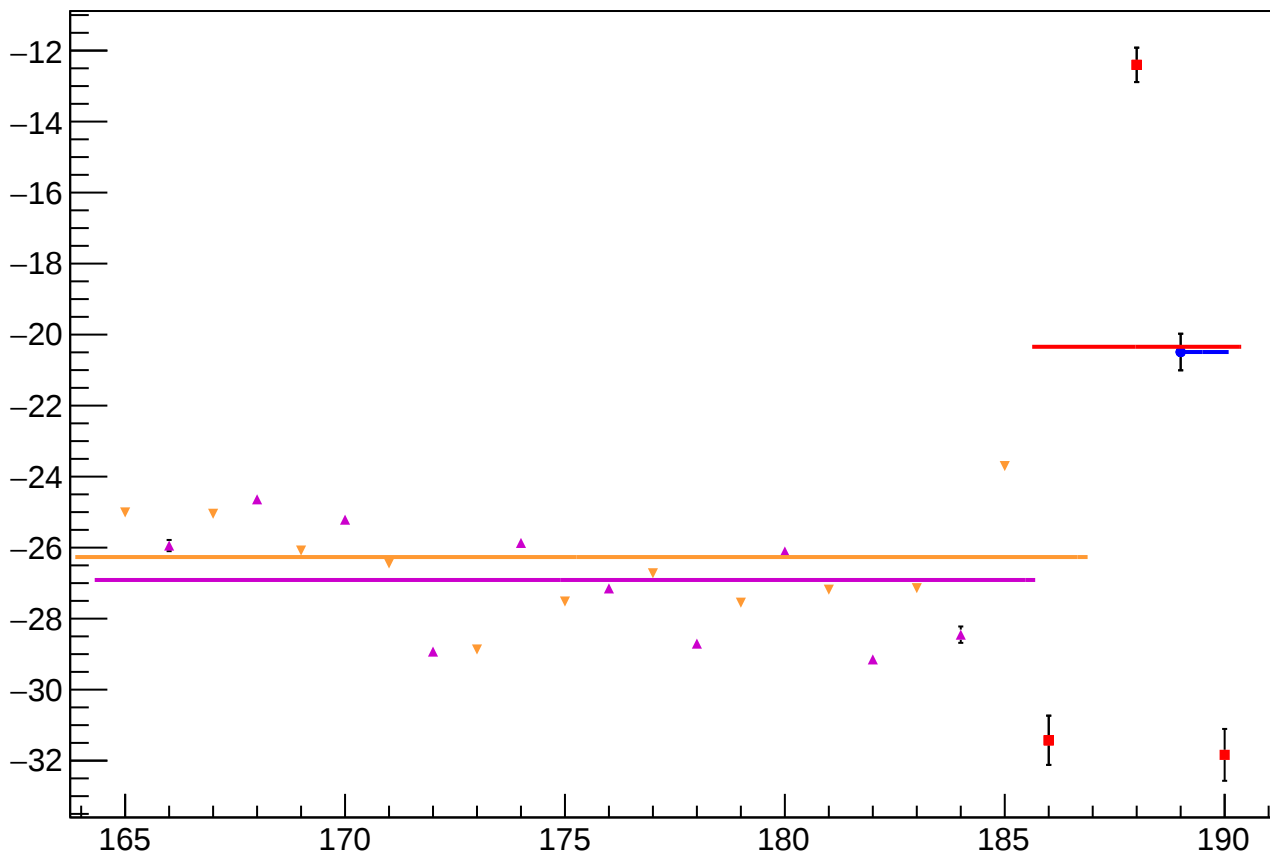
Right: 20.925 $\pm$ 0.207 χ^2/NDF : 237.3/6

In: 17.245 $\pm$ 0.019 χ^2/NDF : 1672.1/11

Out: 16.932 $\pm$ 0.021 χ^2/NDF : 4058.0/15

All: 17.108 $\pm$ 0.014 χ^2/NDF : 5849.8/27

dit_atr1_4eY_slope vs Slug, Sign Corrected



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

Left: -26.531 ± 0.017 χ^2/NDF : 7392.7/20

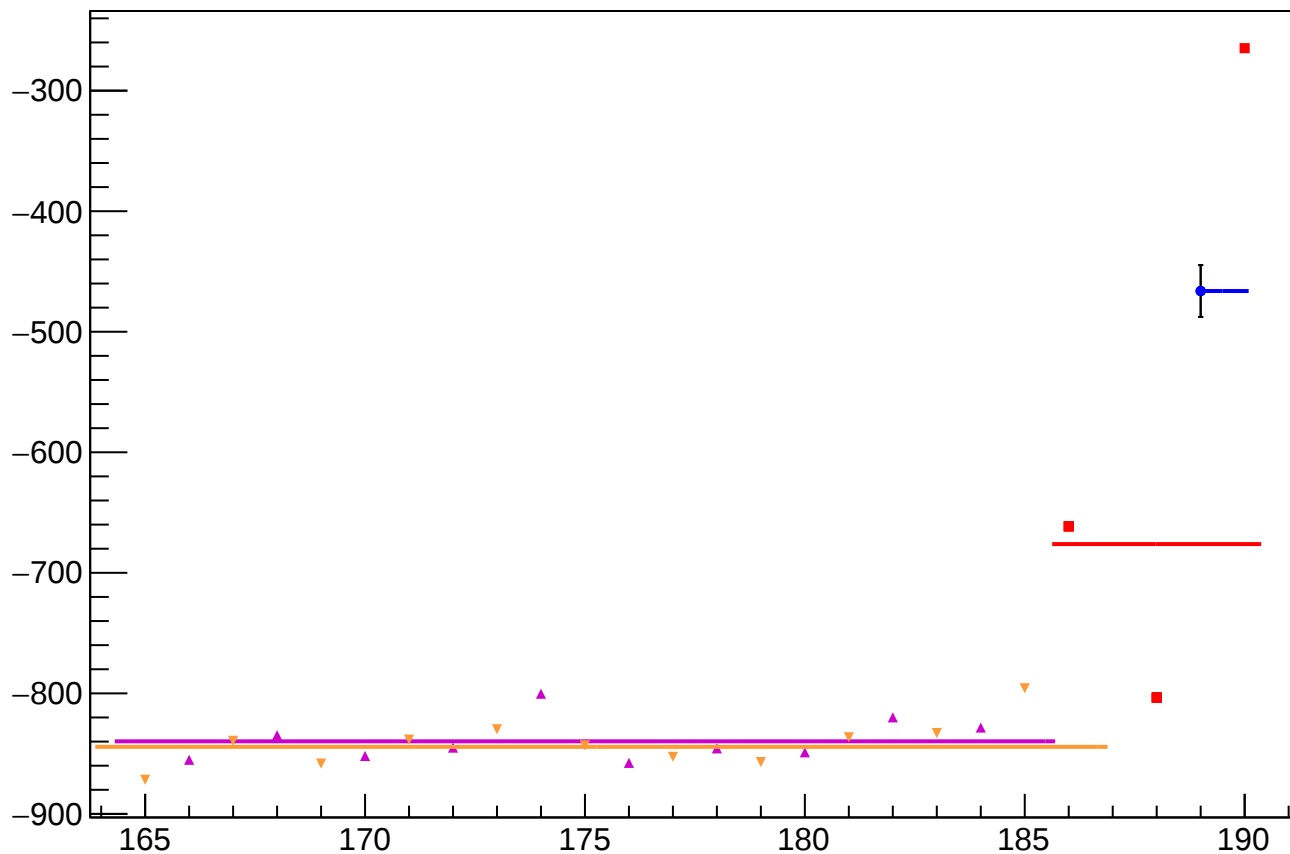
Right: -20.393 ± 0.213 χ^2/NDF : 1295.4/6

In: -26.877 ± 0.026 χ^2/NDF : 3968.7/11

Out: -26.224 ± 0.022 χ^2/NDF : 5184.6/15

All: -26.492 ± 0.017 χ^2/NDF : 9515.2/27

dit_atr2_4aX_slope vs Slug, Sign Corrected



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

Left: -842.374+/-0.141 χ^2/NDF : 13015.1/20

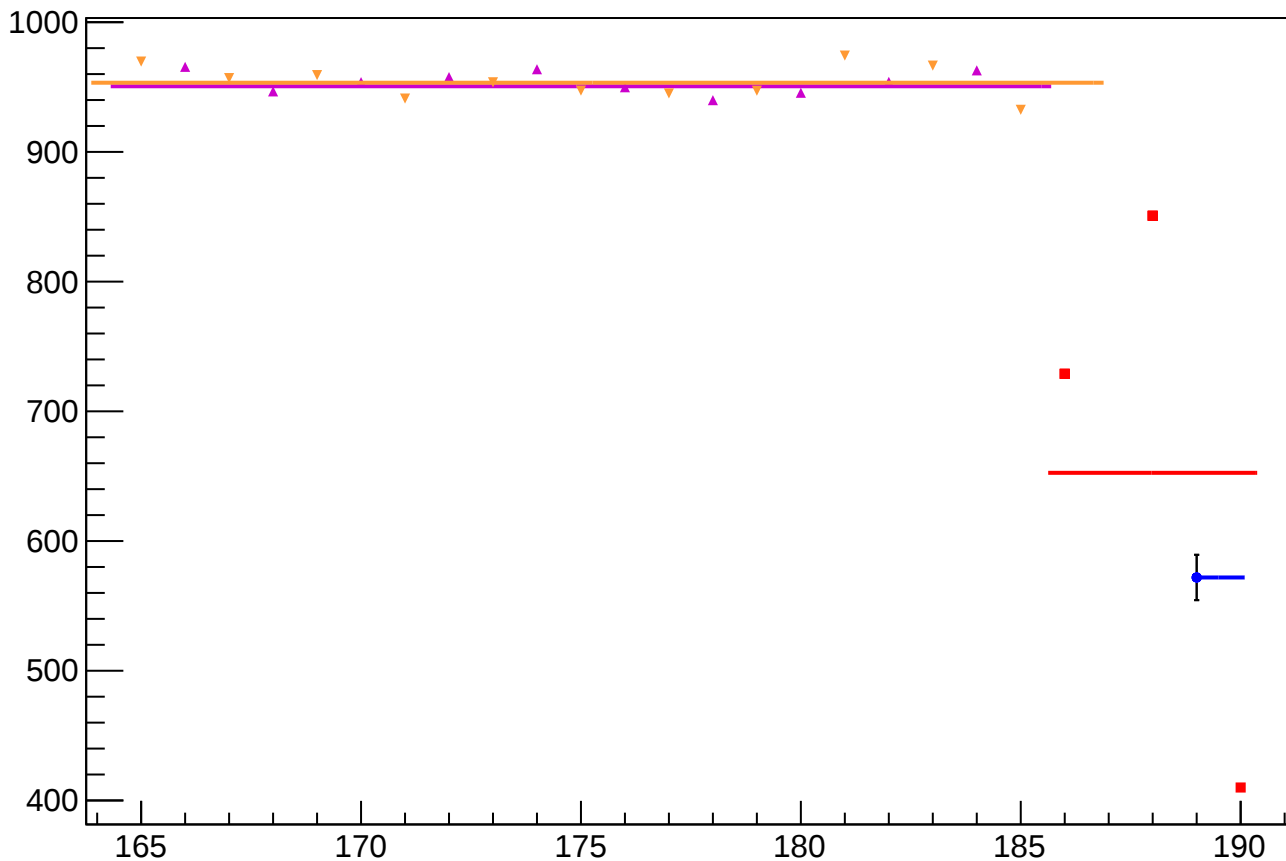
Right: -676.123+/-0.185 χ^2/NDF : 1328850.1/6

In: -839.709+/-0.215 χ^2/NDF :7719.6/11

Out: -759.055+/-0.132 χ^2/NDF :1739934.4/15

All: -781.186+/-0.112 χ^2/NDF : 1850037.2/27

dit_atr2_4eX_slope vs Slug, Sign Corrected



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

Left: 952.256 $\pm$ 0.115 χ^2 /NDF: 5938.0/20

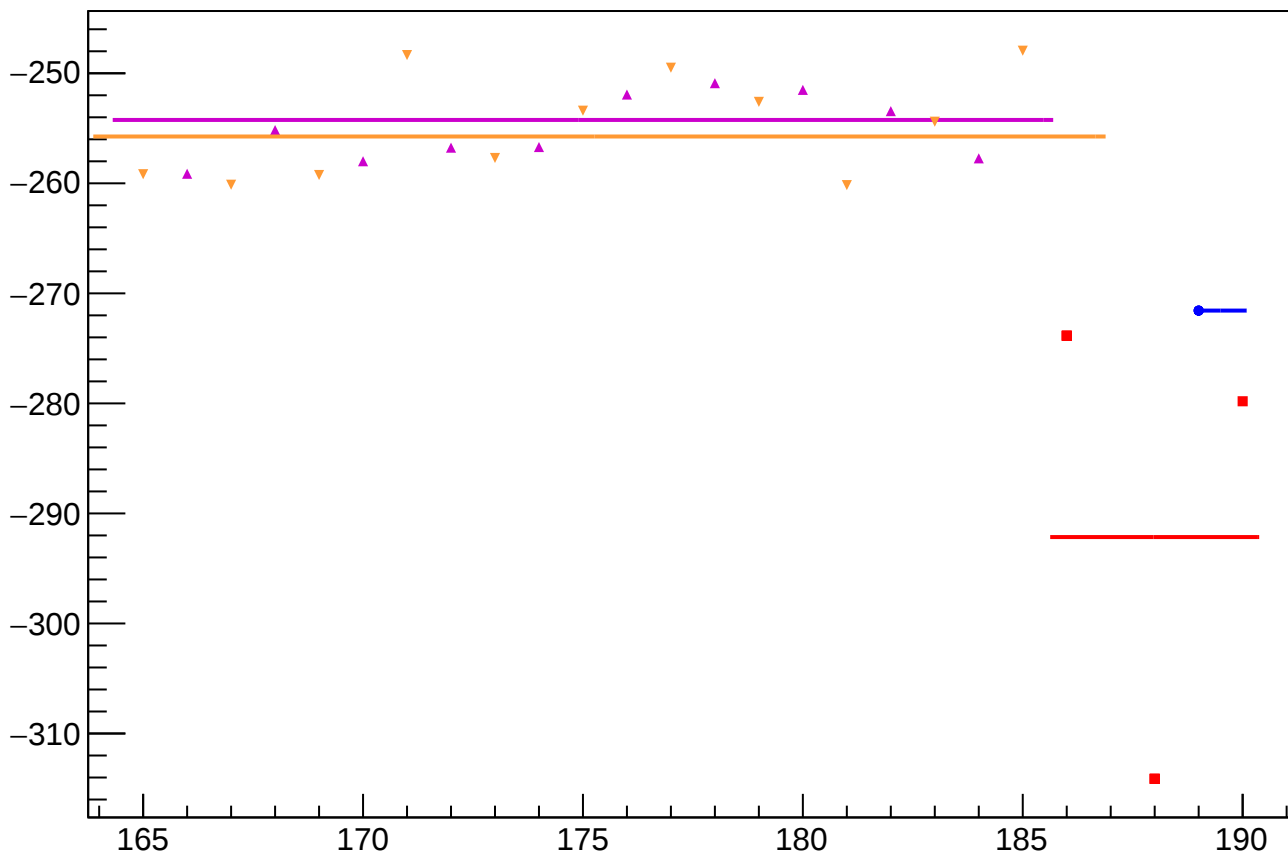
Right: 652.578 $\pm$ 0.142 χ^2 /NDF: 2038692.8/6

In: 950.529 $\pm$ 0.183 χ^2 /NDF:2807.5/11

Out: 795.829 $\pm$ 0.103 χ^2 /NDF:4182851.7/15

All: 832.856 $\pm$ 0.090 χ^2 /NDF: 4729029.6/27

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -271.566 ± 0.134 χ^2/NDF : 0.0/1

Left Out: -255.745 ± 0.035 χ^2/NDF : 16026.2/10

Right Out: -292.147 ± 0.084 χ^2/NDF : 50037.4/4

Left In: -254.241 ± 0.035 χ^2/NDF : 6699.9/9

Left: -254.992 ± 0.025 χ^2/NDF : 23649.8/20

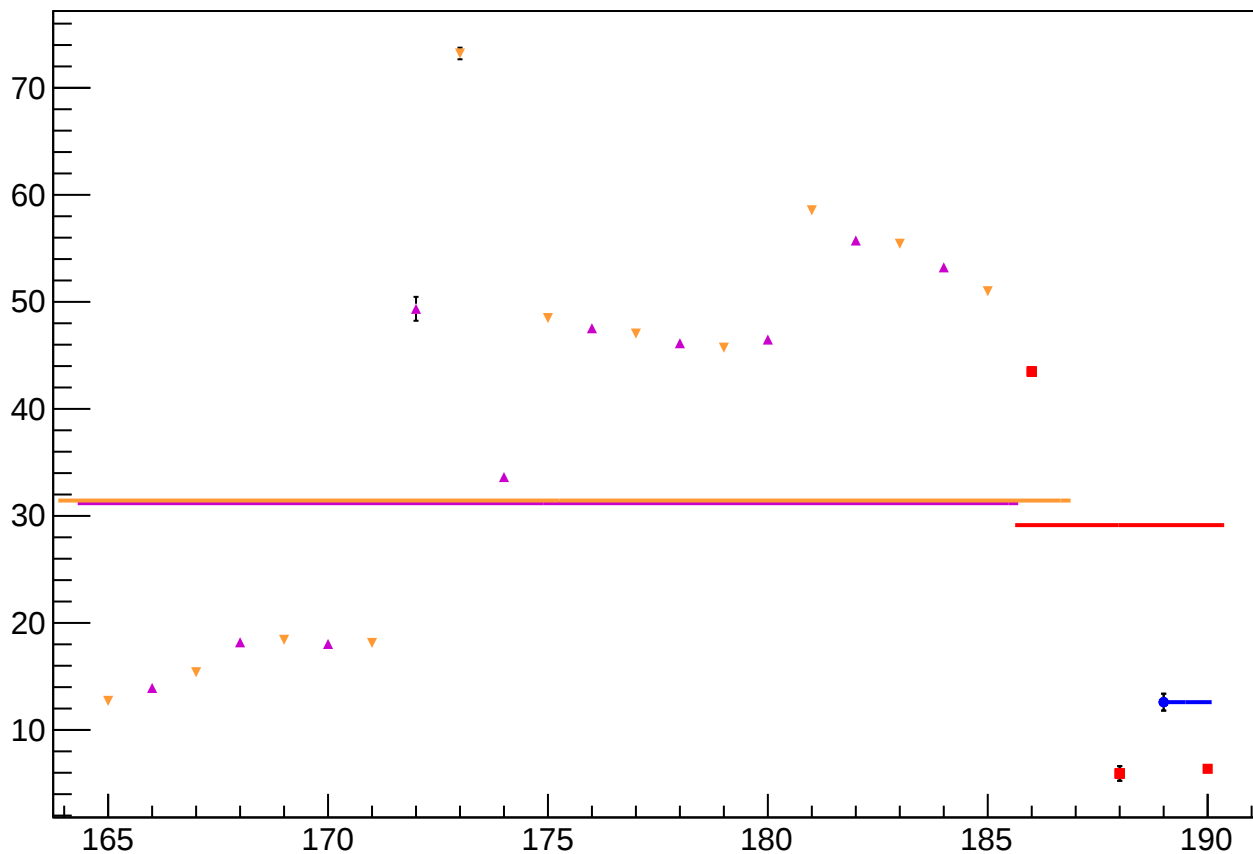
Right: -286.351 ± 0.071 χ^2/NDF : 66952.1/6

In: -255.344 ± 0.034 χ^2/NDF : 22321.9/11

Out: -261.140 ± 0.032 χ^2/NDF : 226093.0/15

All: -258.374 ± 0.023 χ^2/NDF : 263753.4/27

dit_atr2_4aY_slope vs Slug, Sign Corrected



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

Left: 31.347+/-0.020 χ^2/NDF : 727167.5/20

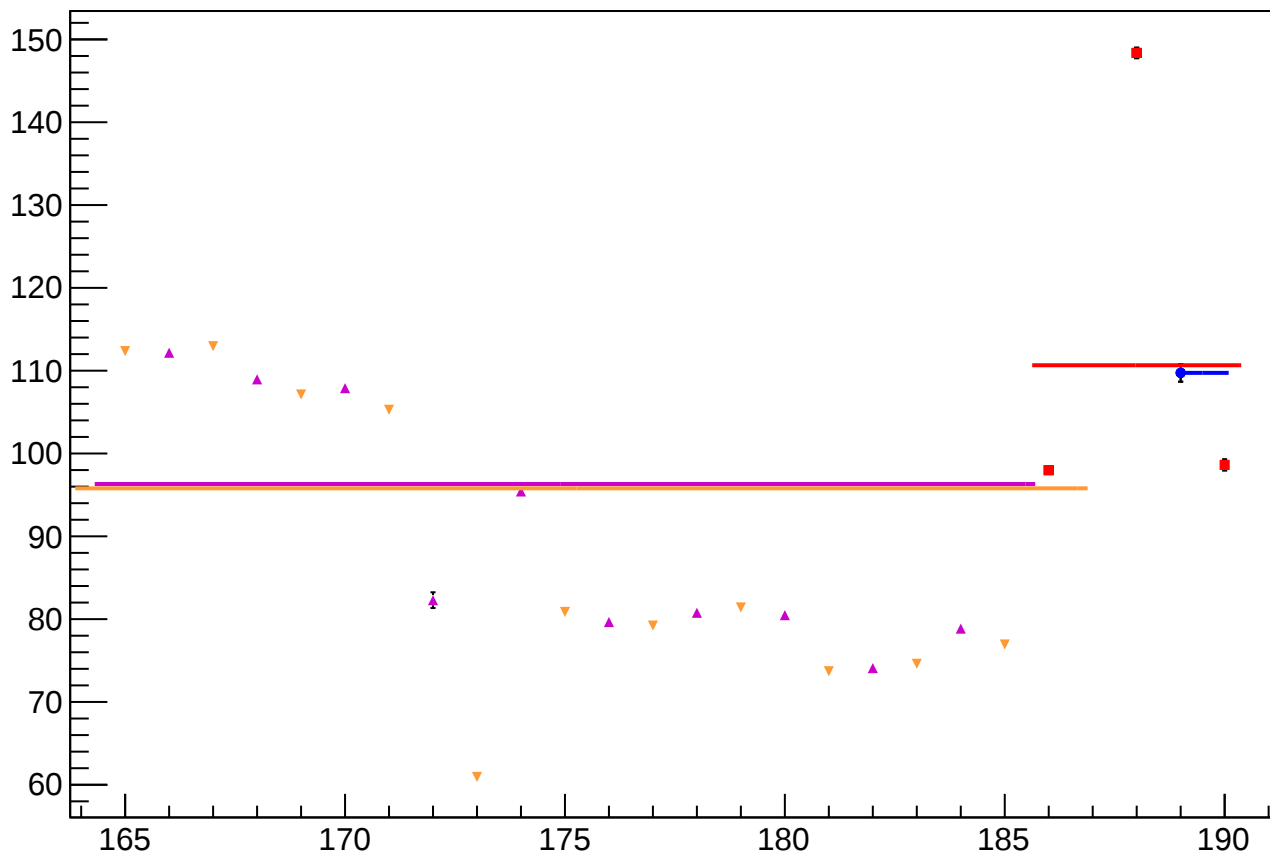
Right: 27.144+/-0.194 χ^2/NDF : 8499.0/6

In: 31.123+/-0.033 χ^2/NDF :202469.1/11

Out: 31.404+/-0.025 χ^2/NDF :533617.0/15

All: 31.303+/-0.020 χ^2/NDF : 736132.3/27

dit_atr2_4eY_slope vs Slug, Sign Corrected



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

Left: 96.085 $\pm$ 0.021 χ^2 /NDF: 478606.2/20

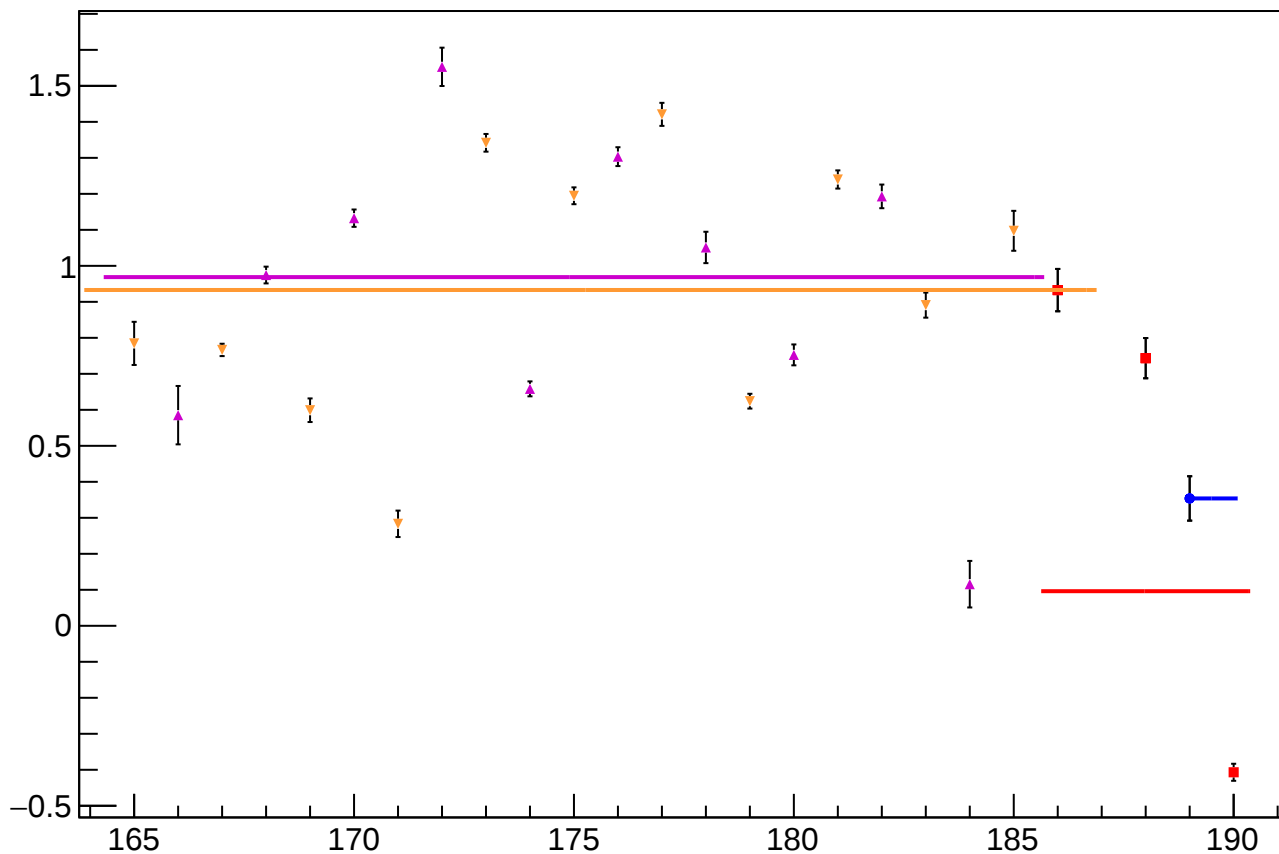
Right: 110.581 $\pm$ 0.215 χ^2 /NDF: 9412.5/6

In: 96.334 $\pm$ 0.028 χ^2 /NDF:224722.9/11

Out: 96.078 $\pm$ 0.031 χ^2 /NDF:267754.2/15

All: 96.220 $\pm$ 0.021 χ^2 /NDF: 492514.6/27

dit_sam1_4aX_slope vs Slug, Sign Corrected



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

Left: 0.948 $\pm$ 0.006 χ^2 /NDF: 2398.7/20

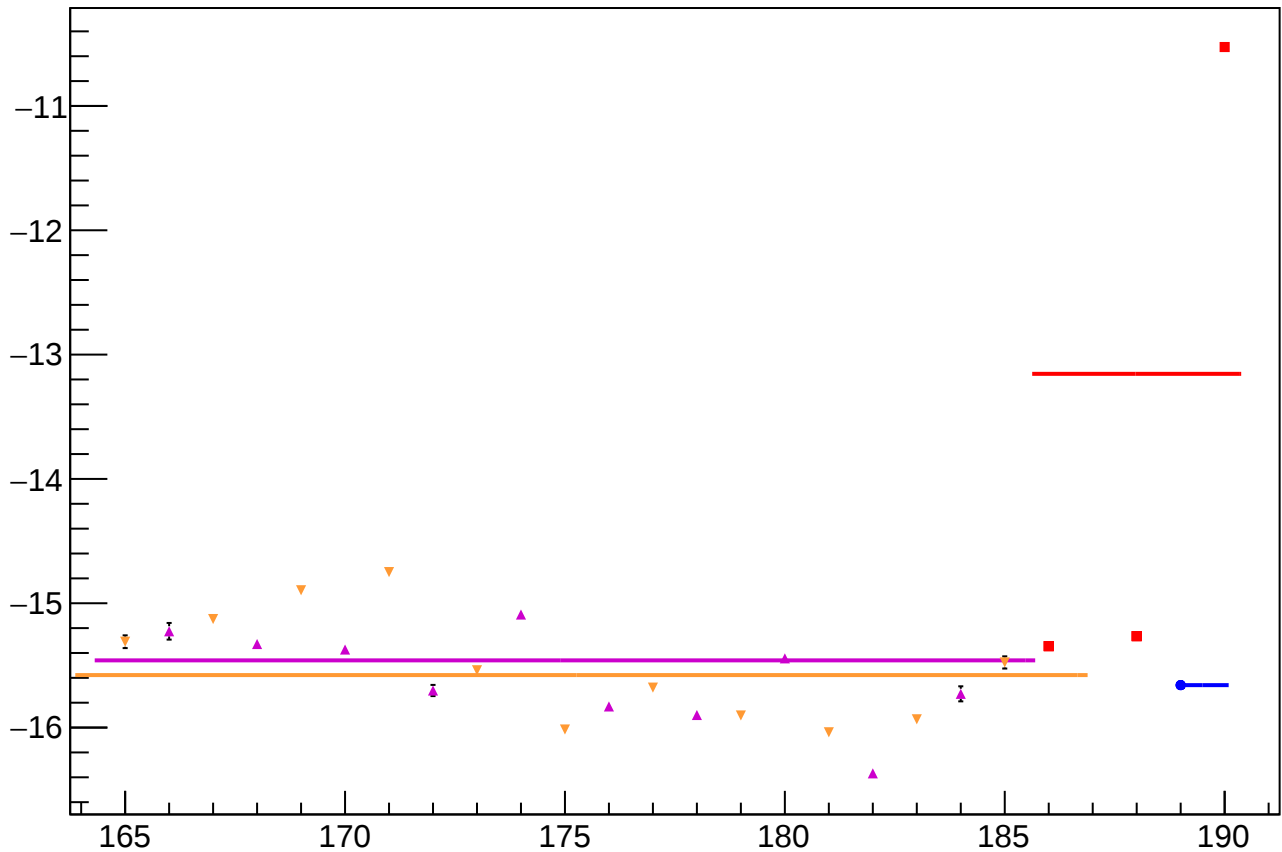
Right: 0.135 $\pm$ 0.017 χ^2 /NDF: 1154.5/6

In: 0.940 $\pm$ 0.009 χ^2 /NDF:1045.4/11

Out: 0.792 $\pm$ 0.007 χ^2 /NDF:4410.0/15

All: 0.849 $\pm$ 0.006 χ^2 /NDF: 5605.8/27

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -15.659 $\pm$ 0.012 χ^2 /NDF: 0.0/1

Left Out: -15.578 $\pm$ 0.006 χ^2 /NDF:4380.6/10

Right Out: -13.155 $\pm$ 0.013 χ^2 /NDF: 34958.0/4

Left In: -15.459 $\pm$ 0.009 χ^2 /NDF:1441.1/9

Left: -15.535 $\pm$ 0.005 χ^2 /NDF: 5941.9/20

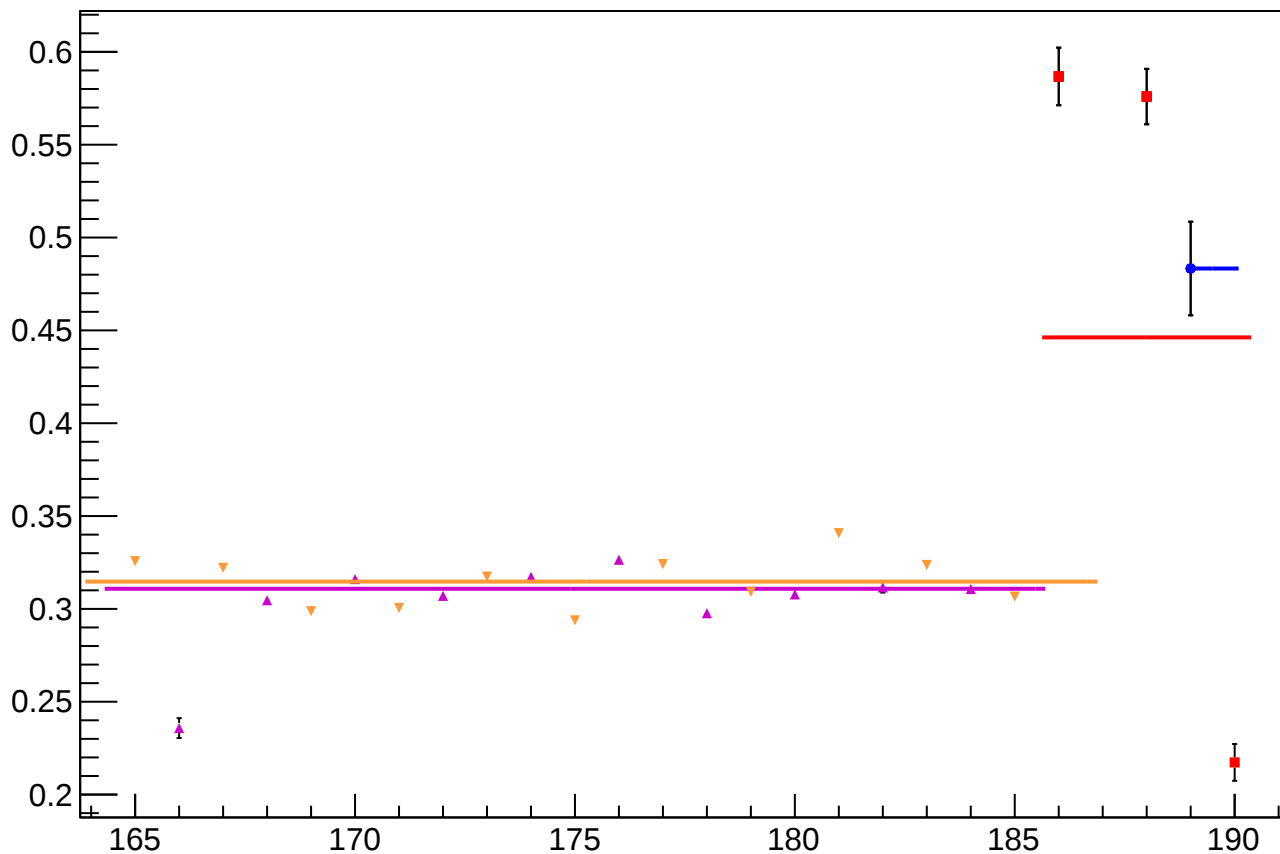
Right: -14.489 $\pm$ 0.009 χ^2 /NDF: 55568.0/6

In: -15.528 $\pm$ 0.007 χ^2 /NDF:1624.0/11

Out: -15.082 $\pm$ 0.006 χ^2 /NDF:68151.9/15

All: -15.262 $\pm$ 0.004 χ^2 /NDF: 72195.6/27

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.483+/-0.018 χ^2/NDF : 0.0/1

Left Out: 0.315+/-0.000 χ^2/NDF :1369.8/10

Right Out: 0.446+/-0.006 χ^2/NDF : 849.4/4

Left In: 0.311+/-0.000 χ^2/NDF :623.0/9

Left: 0.313+/-0.000 χ^2/NDF : 2060.3/20

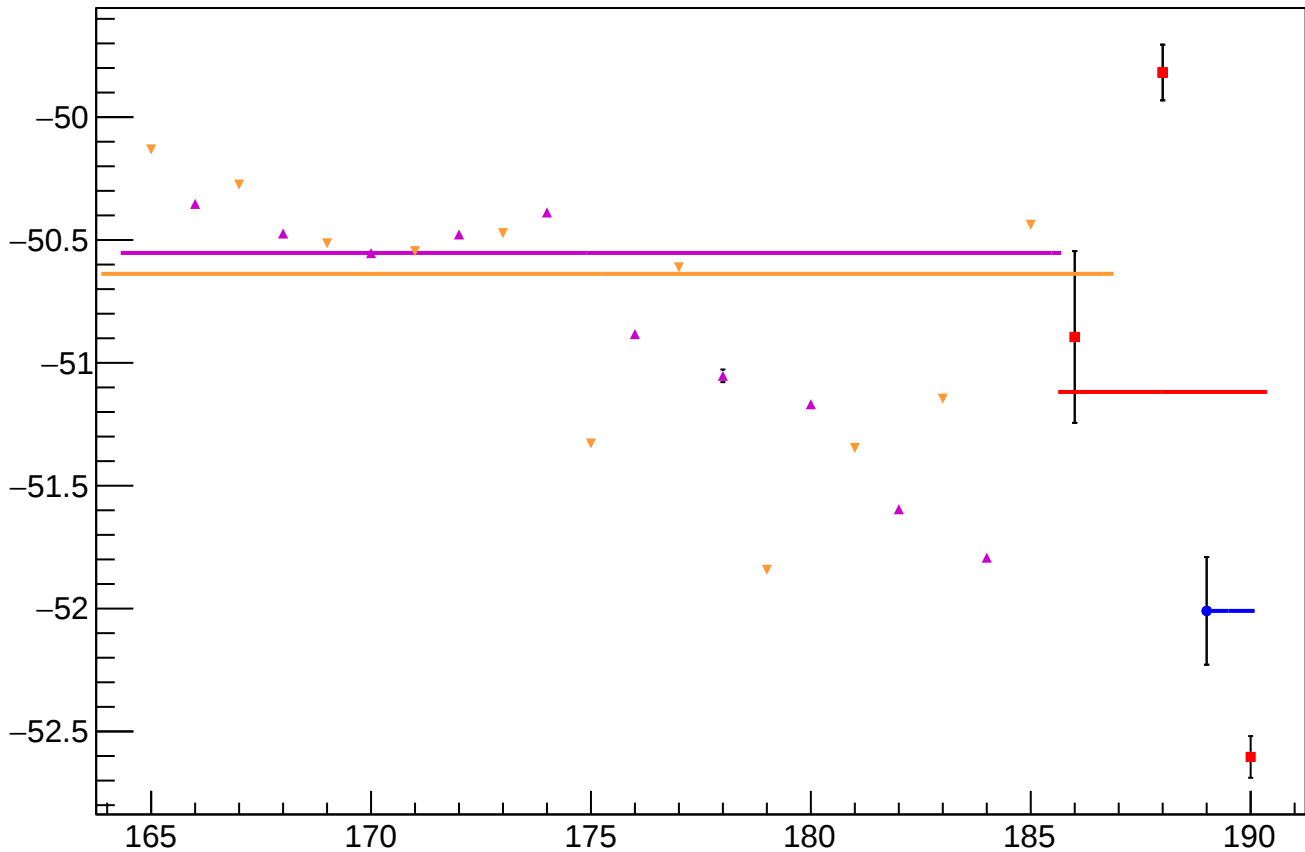
Right: 0.450+/-0.006 χ^2/NDF : 853.3/6

In: 0.311+/-0.000 χ^2/NDF :716.5/11

Out: 0.315+/-0.000 χ^2/NDF :2693.4/15

All: 0.313+/-0.000 χ^2/NDF : 3487.7/27

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.009 $\pm$ 0.155 χ^2 /NDF: 0.0/1

Left Out: -50.638 $\pm$ 0.002 χ^2 /NDF:40898.4/10

Right Out: -51.118 $\pm$ 0.057 χ^2 /NDF: 570.6/4

Left In: -50.553 $\pm$ 0.002 χ^2 /NDF:13787.7/9

Left: -50.598 $\pm$ 0.002 χ^2 /NDF: 55473.7/20

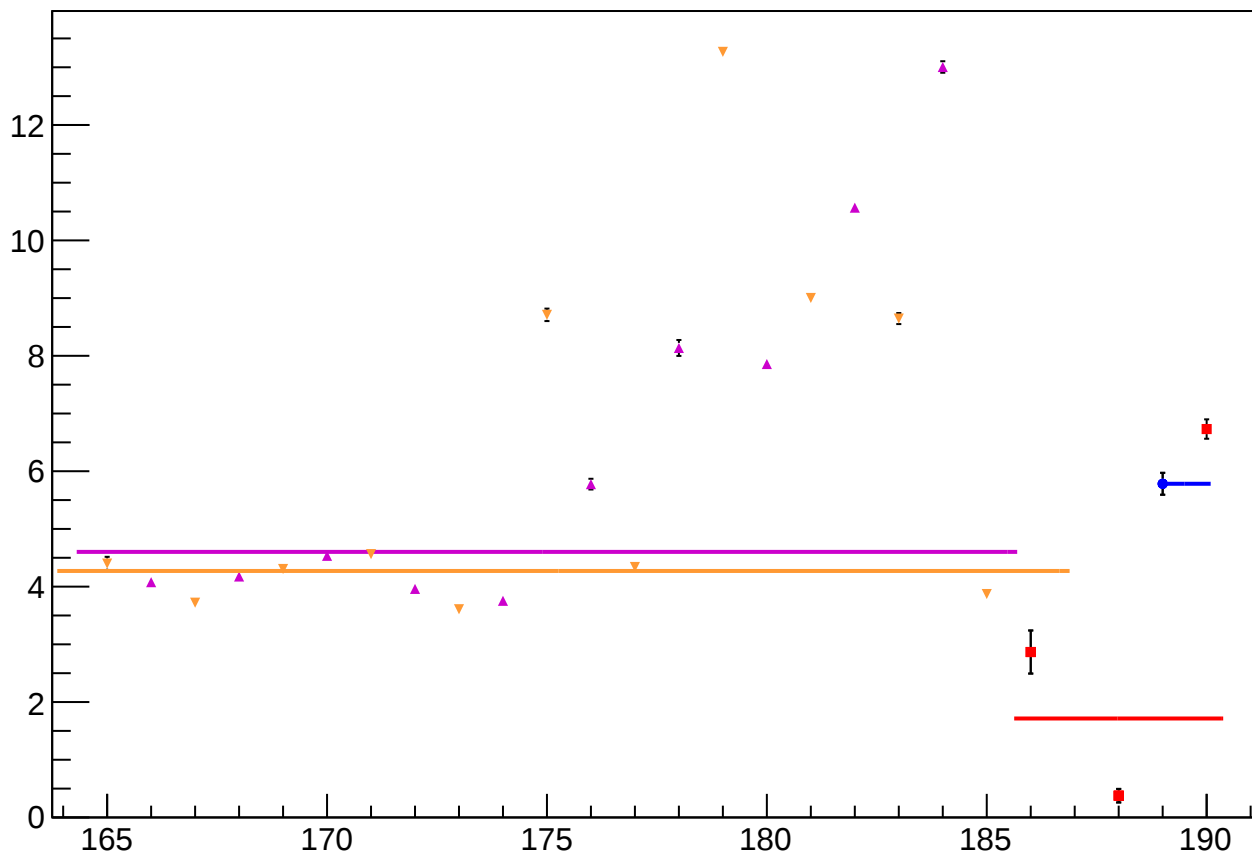
Right: -51.224 $\pm$ 0.053 χ^2 /NDF: 599.7/6

In: -50.553 $\pm$ 0.002 χ^2 /NDF:13876.1/11

Out: -50.638 $\pm$ 0.002 χ^2 /NDF:41540.7/15

All: -50.599 $\pm$ 0.002 χ^2 /NDF: 56211.3/27

dit_sam1_4eY_slope vs Slug, Sign Corrected



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

Left: 4.367+/-0.005 χ^2/NDF : 66729.9/20

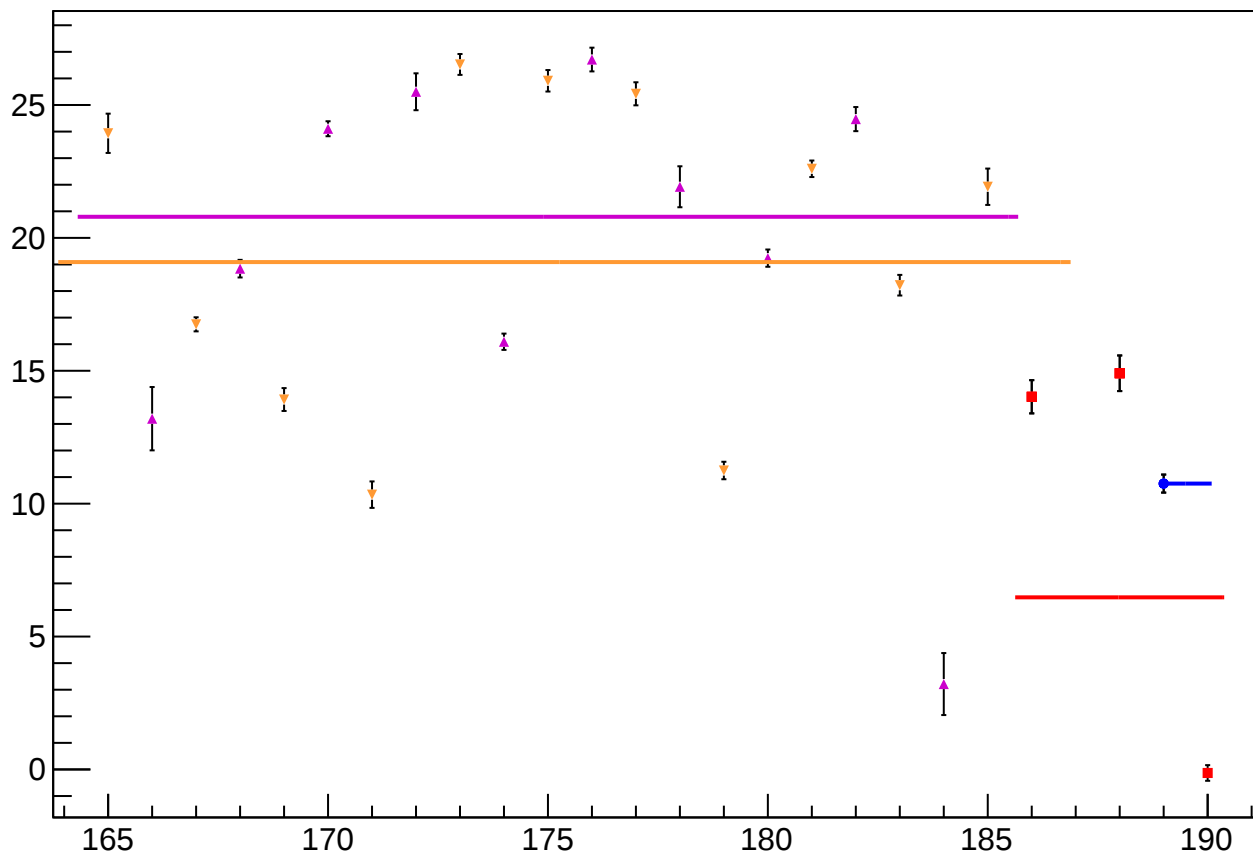
Right: 2.617+/-0.063 χ^2/NDF : 1882.2/6

In: 4.608+/-0.010 χ^2/NDF : 22798.6/11

Out: 4.252+/-0.006 χ^2/NDF : 45629.9/15

All: 4.355+/-0.005 χ^2/NDF : 69372.6/27

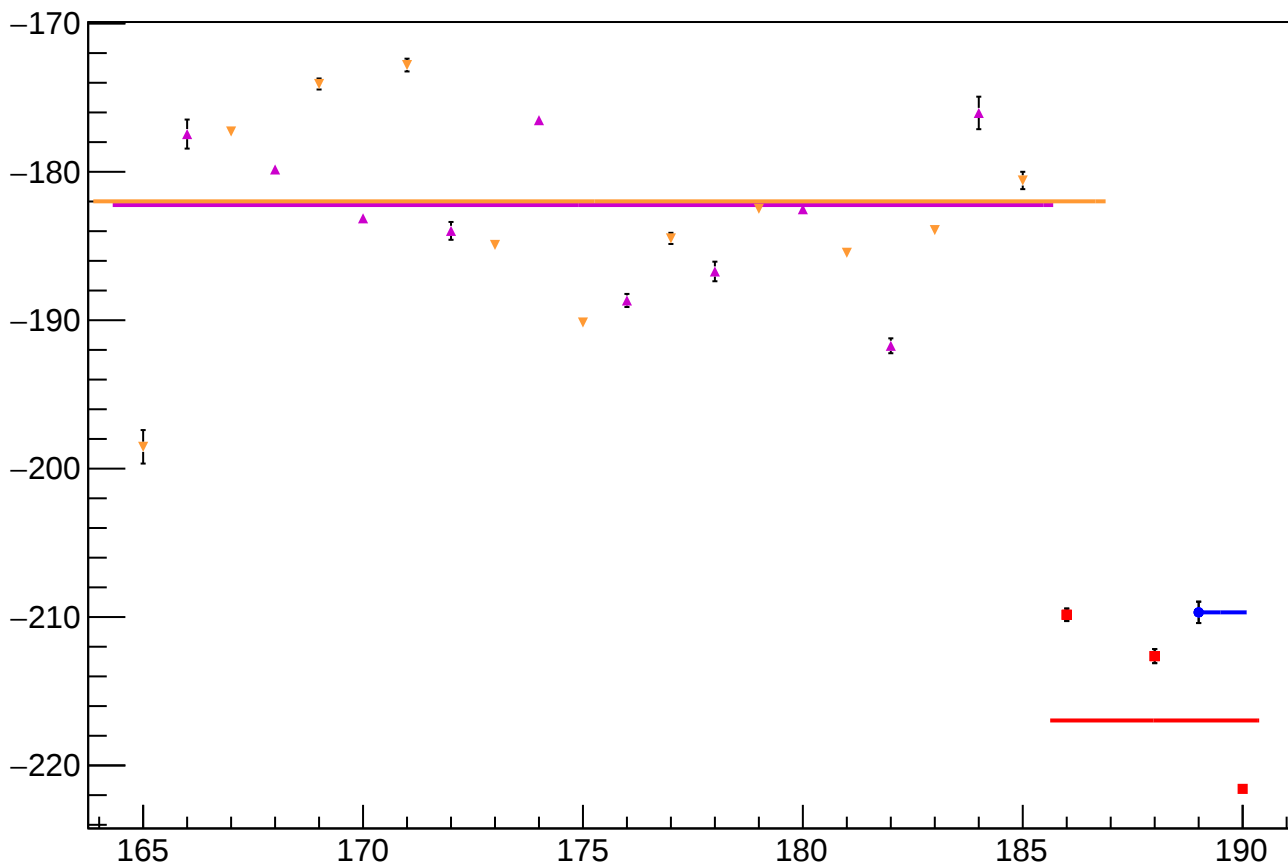
dit_sam2_4aX_slope vs Slug, Sign Corrected



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

Left: 19.843+/-0.088 χ^2/NDF : 3230.8/20
 Right: 8.409+/-0.161 χ^2/NDF : 1286.3/6
 In: 18.445+/-0.116 χ^2/NDF : 2331.4/11
 Out: 16.226+/-0.104 χ^2/NDF : 5857.4/15
 All: 17.212+/-0.077 χ^2/NDF : 8392.2/27

dit_sam2_4eX_slope vs Slug, Sign Corrected



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

Left: -182.091 ± 0.077 χ^2/NDF : 3752.9/20

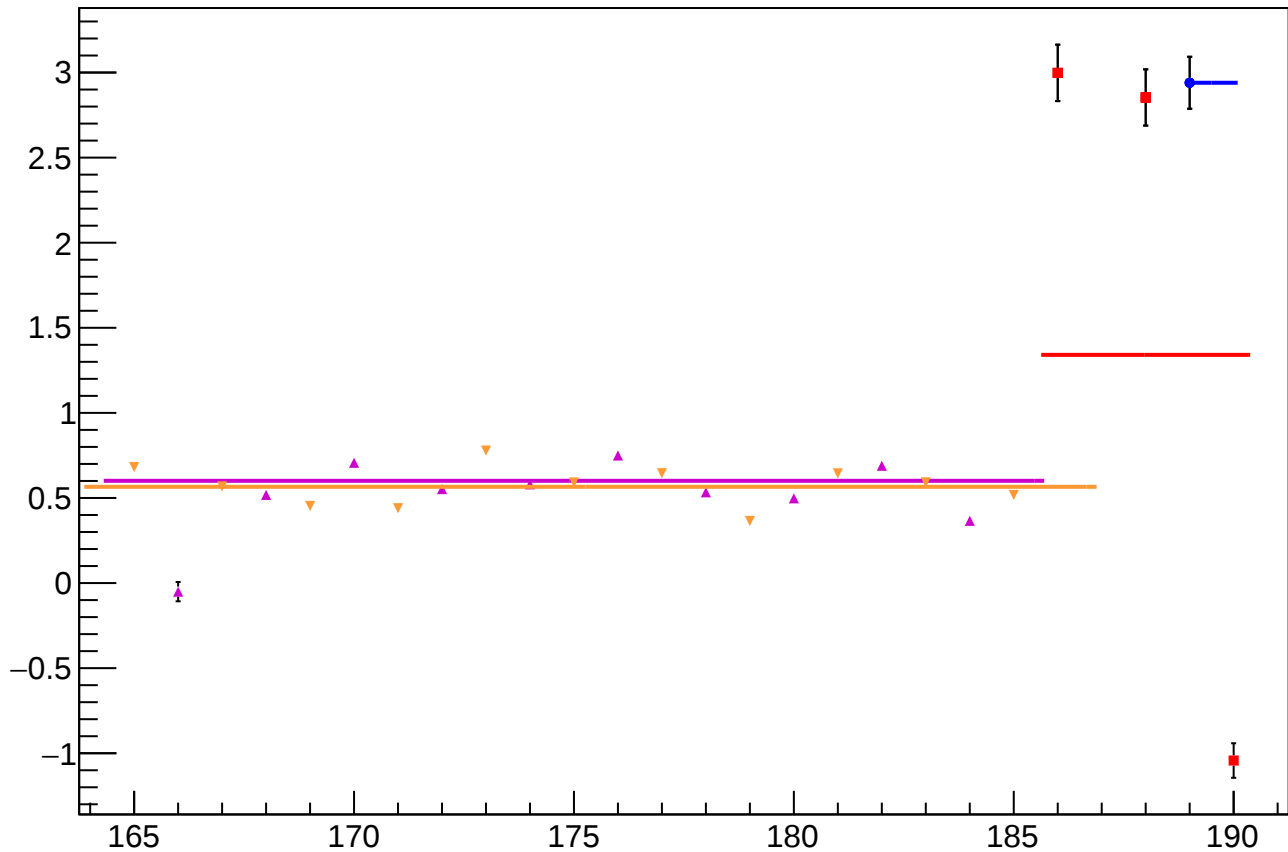
Right: -216.407 ± 0.141 χ^2/NDF : 1480.0/6

In: -183.690 ± 0.117 χ^2/NDF : 3895.4/11

Out: -192.980 ± 0.083 χ^2/NDF : 42577.3/15

All: -189.894 ± 0.067 χ^2/NDF : 50679.1/27

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 2.940 ± 0.108 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.566 ± 0.002 $\chi^2/\text{NDF}: 2695.9/10$

Right Out: 1.341 ± 0.064 $\chi^2/\text{NDF}: 918.5/4$

Left In: 0.601 ± 0.002 $\chi^2/\text{NDF}: 2483.0/9$

Left: 0.584 ± 0.002 $\chi^2/\text{NDF}: 5308.1/20$

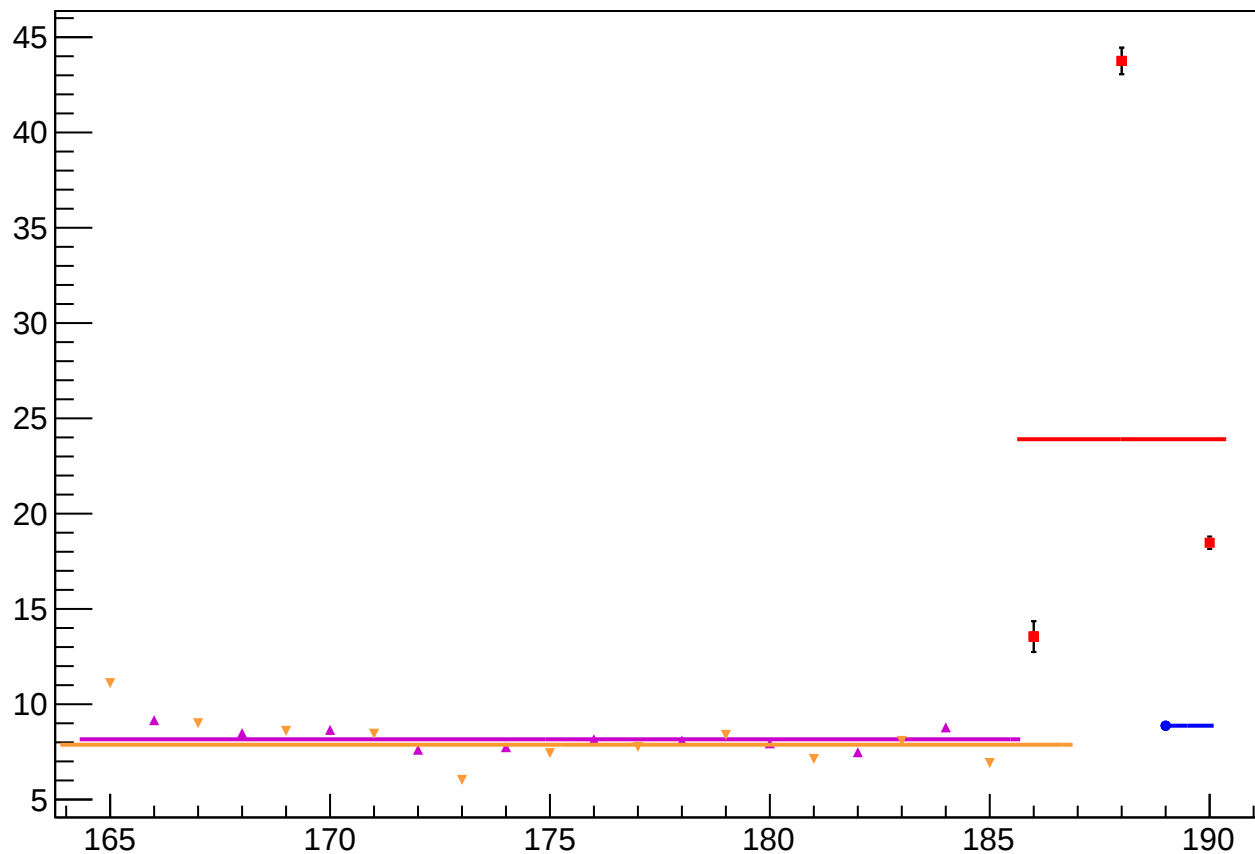
Right: 1.758 ± 0.055 $\chi^2/\text{NDF}: 1080.4/6$

In: 0.602 ± 0.002 $\chi^2/\text{NDF}: 2951.5/11$

Out: 0.567 ± 0.002 $\chi^2/\text{NDF}: 3760.3/15$

All: 0.585 ± 0.002 $\chi^2/\text{NDF}: 6840.7/27$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 8.873 ± 0.063 χ^2/NDF : 0.0/1

Left Out: 7.876 ± 0.009 χ^2/NDF : 9845.3/10

Right Out: 23.906 ± 0.247 χ^2/NDF : 2226.1/4

Left In: 8.160 ± 0.009 χ^2/NDF : 1893.7/9

Left: 8.007 ± 0.006 χ^2/NDF : 12231.5/20

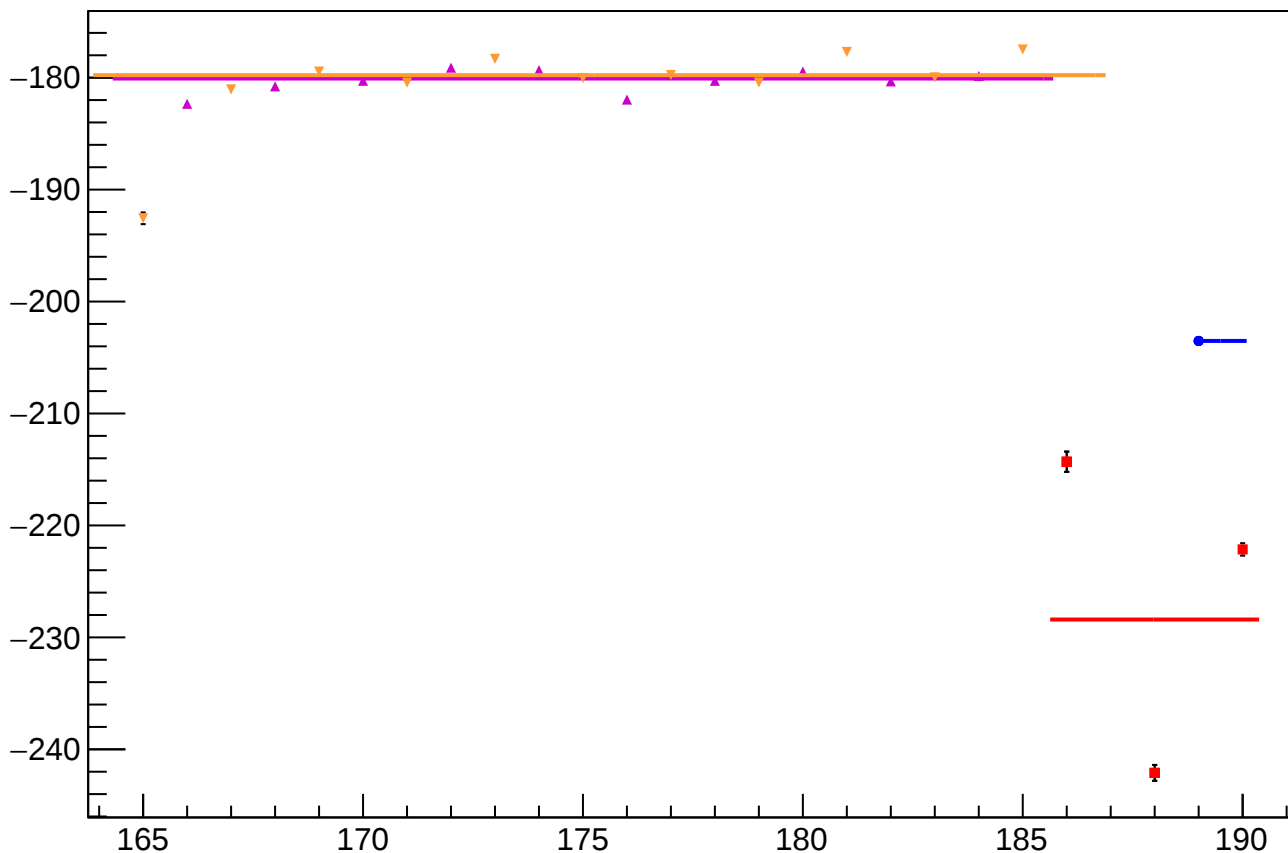
Right: 9.783 ± 0.061 χ^2/NDF : 5716.0/6

In: 8.176 ± 0.009 χ^2/NDF : 2020.6/11

Out: 7.896 ± 0.009 χ^2/NDF : 16289.8/15

All: 8.026 ± 0.006 χ^2/NDF : 18795.2/27

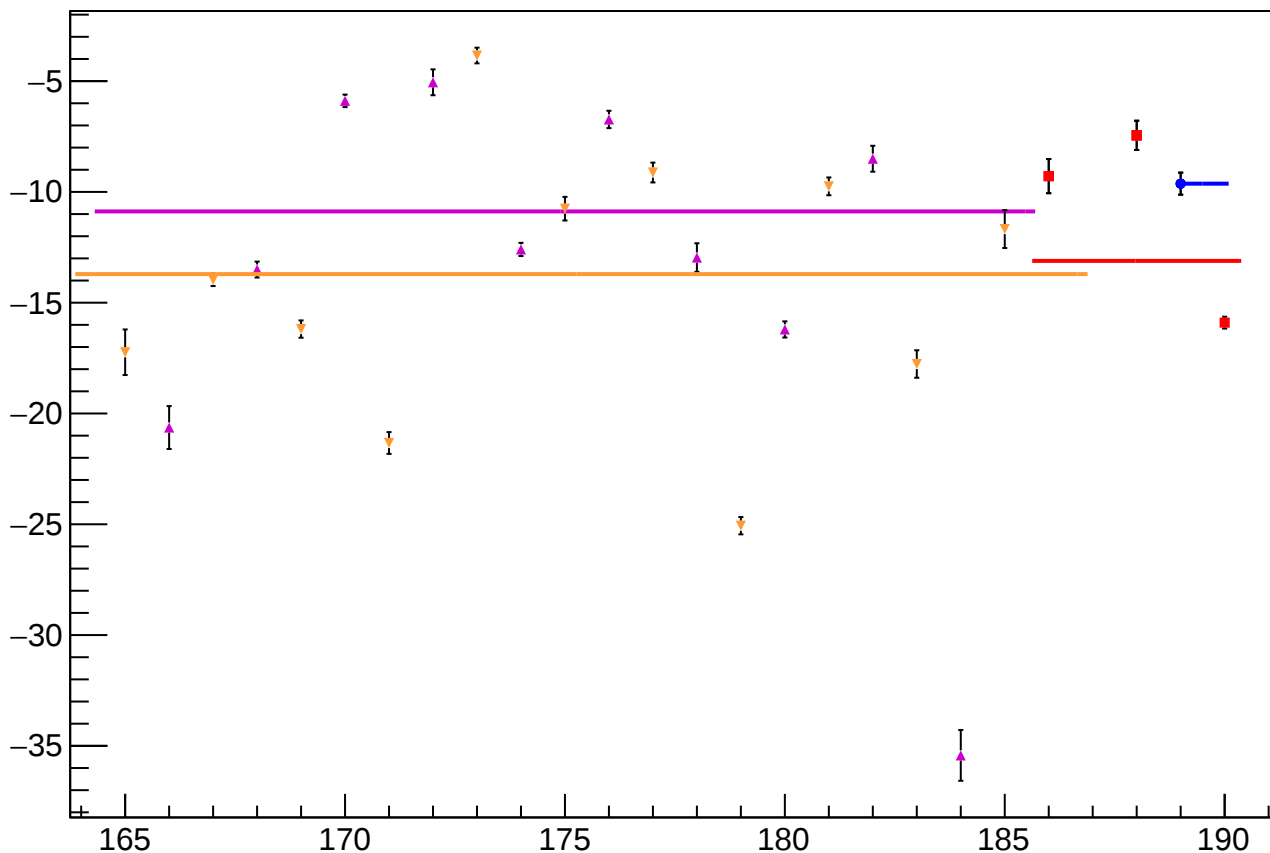
dit_sam2_4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 3442.9/9$

Left: -179.919 ± 0.011 $\chi^2/\text{NDF}: 9481.3/20$
 Right: -210.372 ± 0.169 $\chi^2/\text{NDF}: 5681.9/6$
 In: -180.219 ± 0.015 $\chi^2/\text{NDF}: 17289.0/11$
 Out: -179.875 ± 0.015 $\chi^2/\text{NDF}: 29932.0/15$
 All: -180.038 ± 0.011 $\chi^2/\text{NDF}: 47484.5/27$

dit_sam3_4aX_slope vs Slug, Sign Corrected



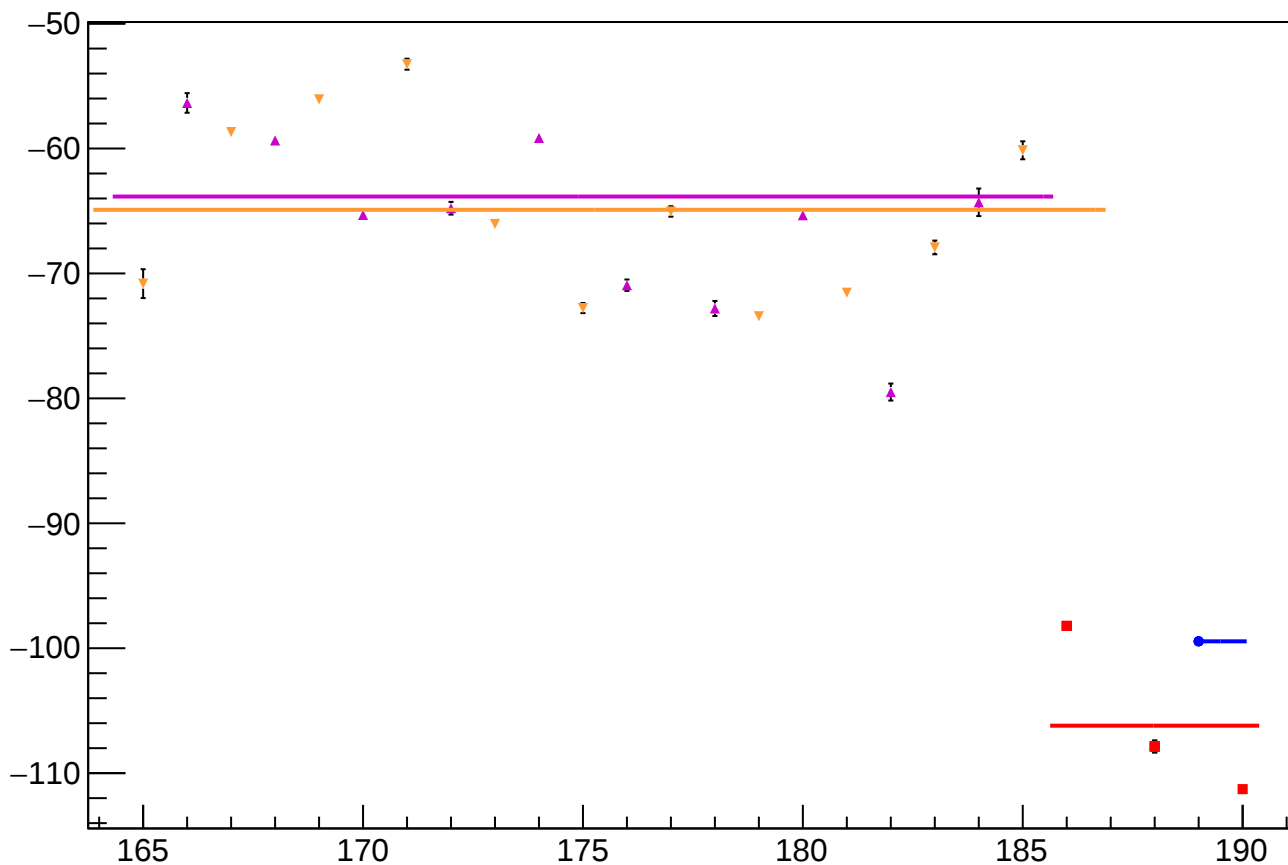
Right In: -9.628 ± 0.352 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -13.710 ± 0.132 $\chi^2/\text{NDF}: 2200.0/10$
 Right Out: -13.113 ± 0.214 $\chi^2/\text{NDF}: 304.8/4$
 Left In: -10.881 ± 0.134 $\chi^2/\text{NDF}: 1412.1/9$

Left: -12.316 ± 0.094 $\chi^2/\text{NDF}: 3838.2/20$
 Right: -12.175 ± 0.183 $\chi^2/\text{NDF}: 376.4/6$

In: -10.723 ± 0.125 $\chi^2/\text{NDF}: 1423.2/11$
 Out: -13.545 ± 0.112 $\chi^2/\text{NDF}: 2510.4/15$

All: -12.287 ± 0.084 $\chi^2/\text{NDF}: 4215.1/27$

dit_sam3_4eX_slope vs Slug, Sign Corrected



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

Left: -64.452+/-0.078 χ^2/NDF : 6155.0/20

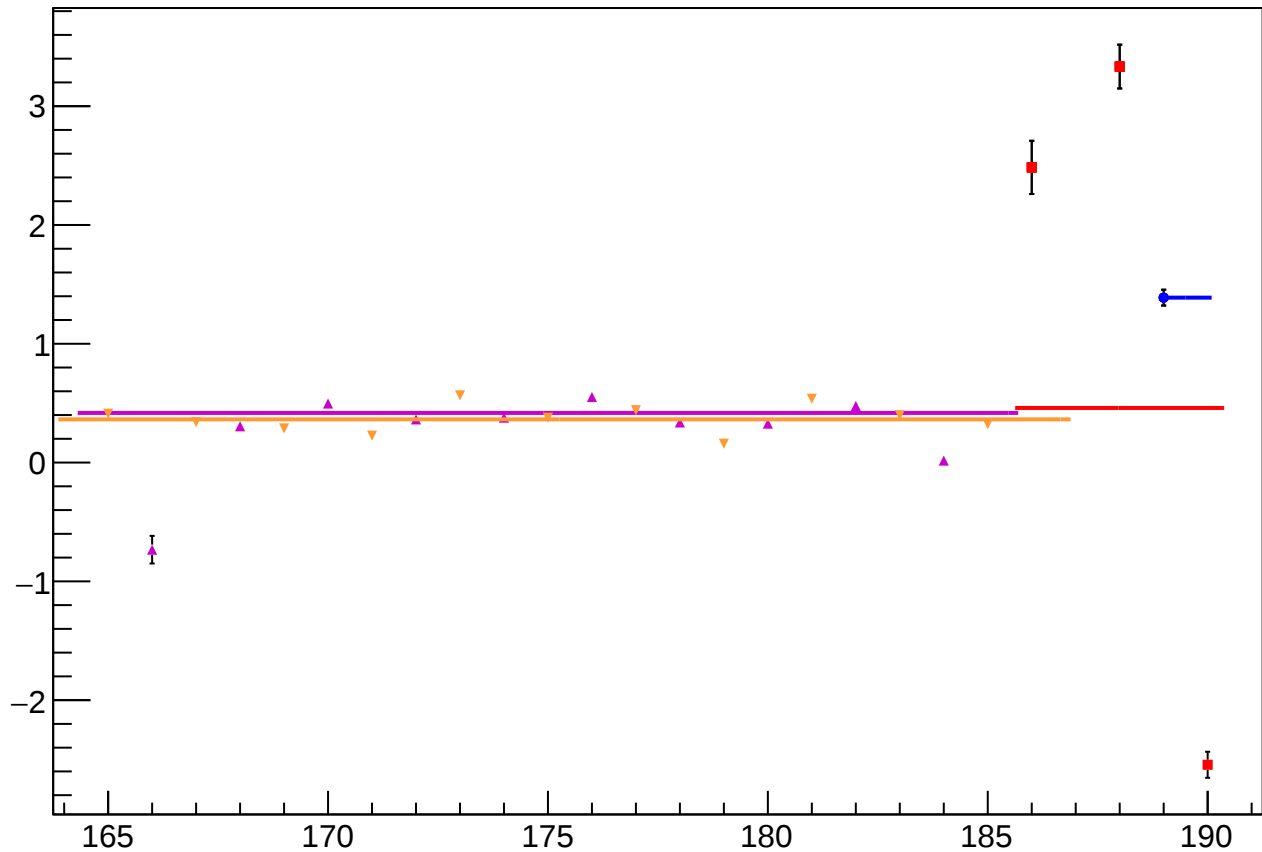
Right: -104.769+/-0.130 χ^2/NDF : 2047.3/6

In: -69.224+/-0.110 χ^2/NDF : 15207.4/11

Out: -78.559+/-0.084 χ^2/NDF : 59176.2/15

All: -75.100+/-0.067 χ^2/NDF : 78934.7/27

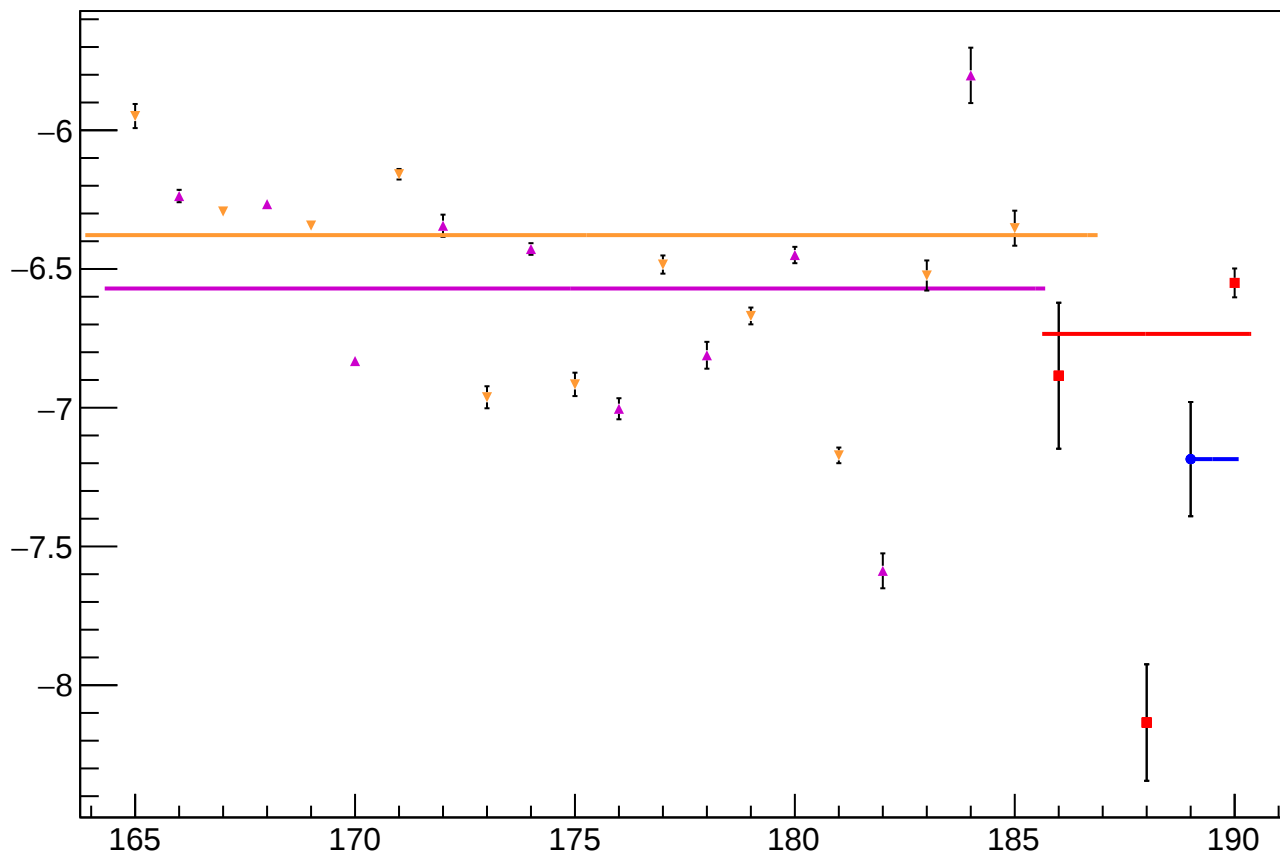
dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 1.388 ± 0.047 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: 0.364 ± 0.002 $\chi^2/\text{NDF}: 3823.2/10$
 Right Out: 0.460 ± 0.074 $\chi^2/\text{NDF}: 1399.4/4$
 Left In: 0.418 ± 0.002 $\chi^2/\text{NDF}: 2639.9/9$

Left: 0.392 ± 0.002 $\chi^2/\text{NDF}: 6782.4/20$
 Right: 1.121 ± 0.040 $\chi^2/\text{NDF}: 1511.0/6$
 In: 0.420 ± 0.002 $\chi^2/\text{NDF}: 3061.7/11$
 Out: 0.364 ± 0.002 $\chi^2/\text{NDF}: 5224.3/15$
 All: 0.393 ± 0.002 $\chi^2/\text{NDF}: 8628.0/27$

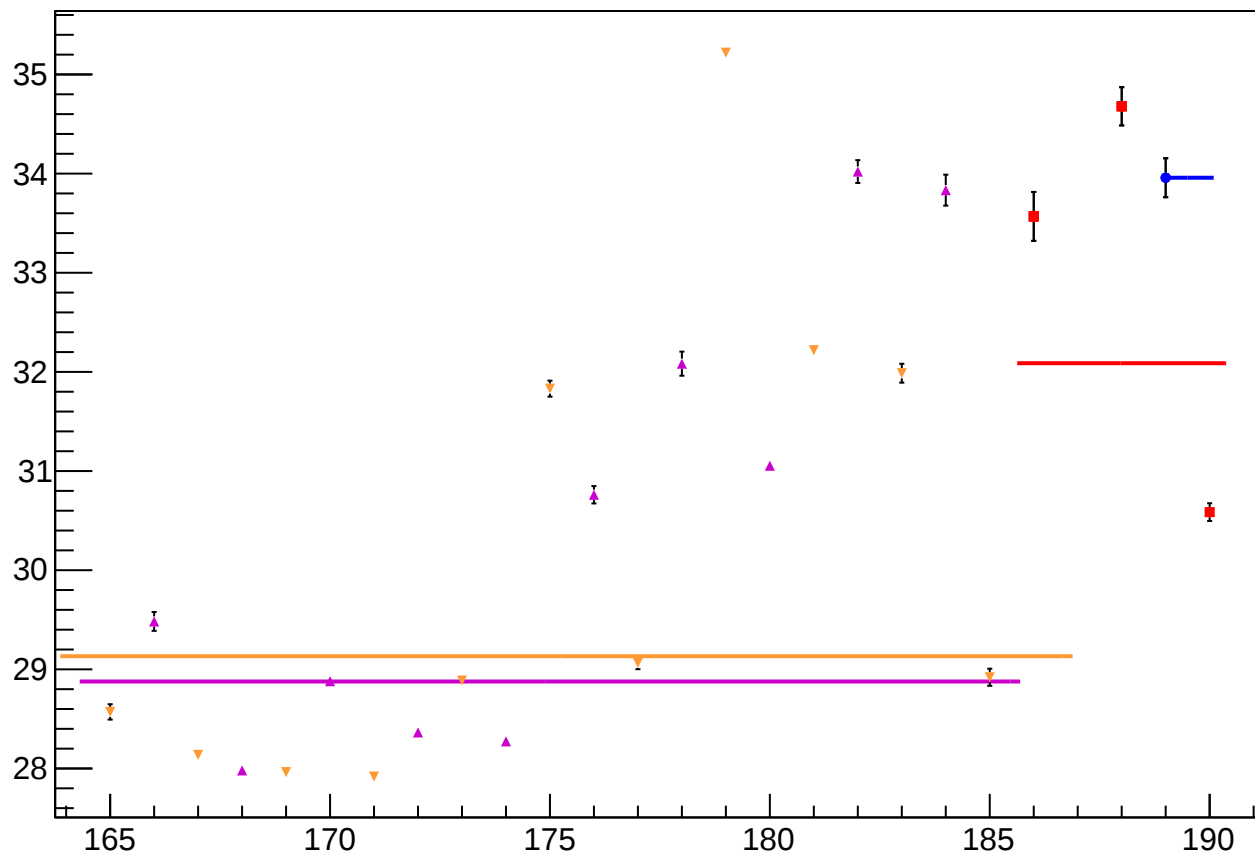
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.185 ± 0.146 $\chi^2/\text{NDF: } 0.0/1$
 Left Out: -6.378 ± 0.006 $\chi^2/\text{NDF: } 1615.1/10$
 Right Out: -6.734 ± 0.047 $\chi^2/\text{NDF: } 102.2/4$
 Left In: -6.570 ± 0.007 $\chi^2/\text{NDF: } 1738.3/9$

Left: -6.461 ± 0.005 $\chi^2/\text{NDF: } 3768.1/20$
 Right: -6.777 ± 0.045 $\chi^2/\text{NDF: } 110.9/6$
 In: -6.572 ± 0.007 $\chi^2/\text{NDF: } 1756.1/11$
 Out: -6.384 ± 0.006 $\chi^2/\text{NDF: } 1772.5/15$
 All: -6.465 ± 0.005 $\chi^2/\text{NDF: } 3927.4/27$

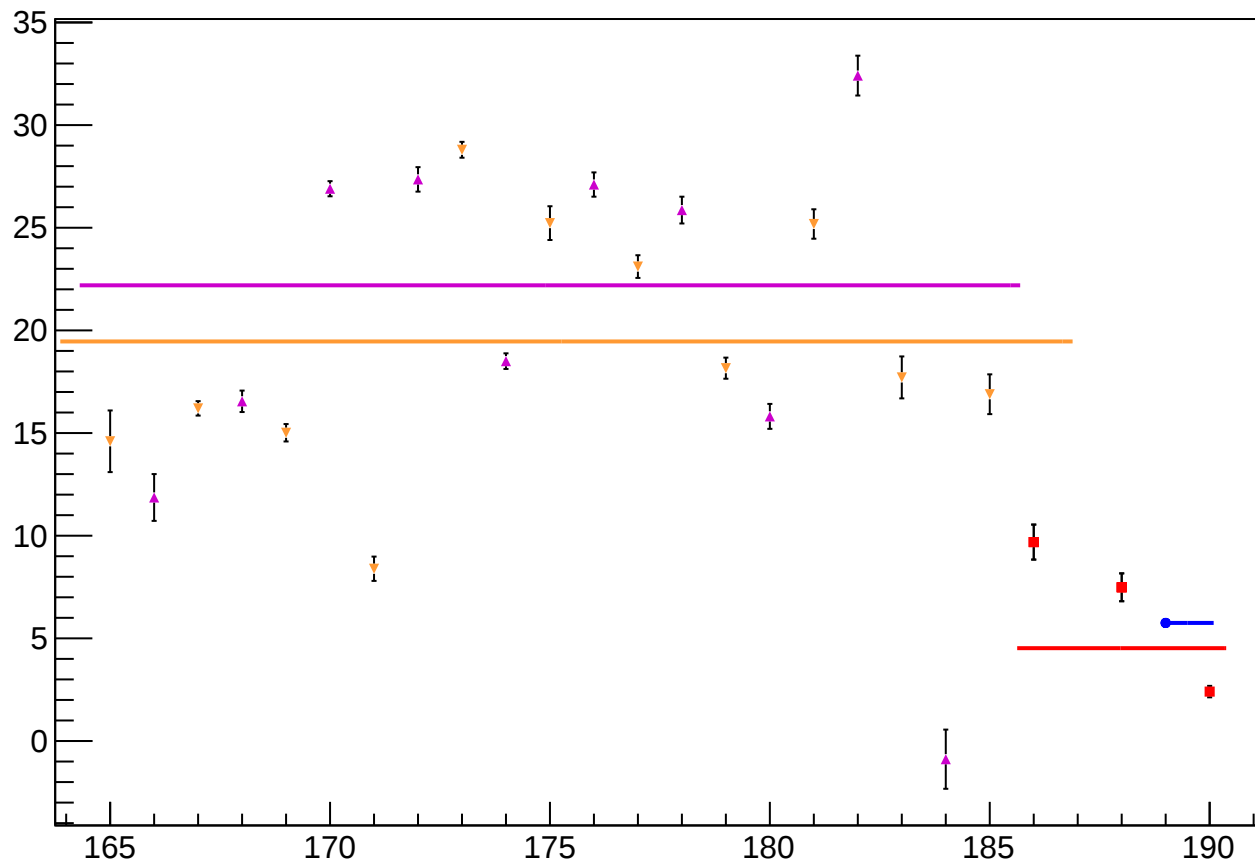
dit_sam3_4eY_slope vs Slug, Sign Corrected



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

Left: 29.025 $\pm$ 0.008 χ^2/NDF : 39719.4/20
 Right: 32.455 $\pm$ 0.062 χ^2/NDF : 860.4/6
 In: 28.922 $\pm$ 0.013 χ^2/NDF :9115.0/11
 Out: 29.208 $\pm$ 0.011 χ^2/NDF :34224.2/15
 All: 29.089 $\pm$ 0.008 χ^2/NDF : 43622.1/27

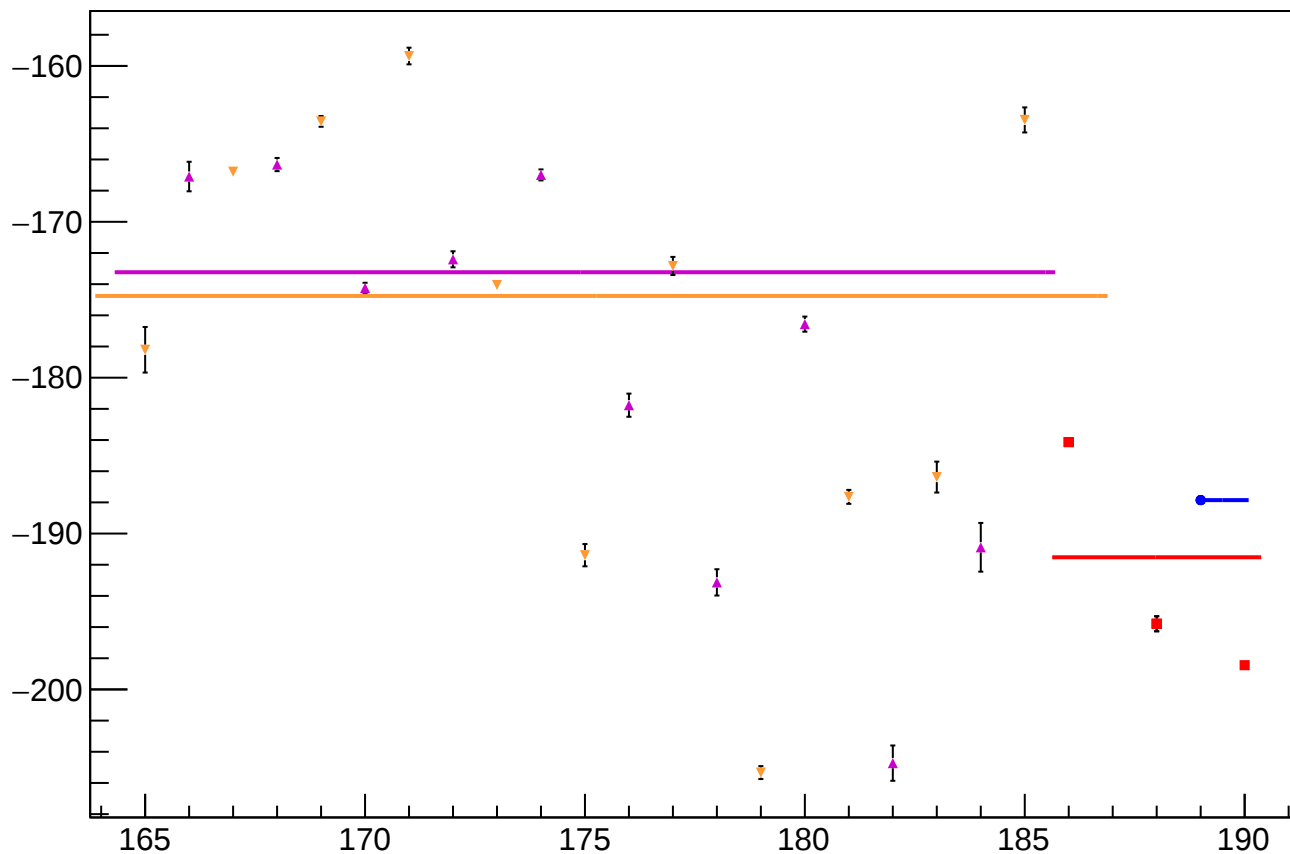
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 5.751+/-0.117 χ^2/NDF : 0.0/1
 Left Out: 19.461+/-0.166 χ^2/NDF :1312.9/10
 Right Out: 4.522+/-0.224 χ^2/NDF : 169.1/4
 Left In: 22.196+/-0.180 χ^2/NDF :1109.3/9

Left: 20.723+/-0.122 χ^2/NDF : 2547.0/20
 Right: 5.488+/-0.104 χ^2/NDF : 192.7/6
 In: 10.655+/-0.098 χ^2/NDF :6989.5/11
 Out: 14.154+/-0.134 χ^2/NDF :4347.6/15
 All: 11.881+/-0.079 χ^2/NDF : 11782.9/27

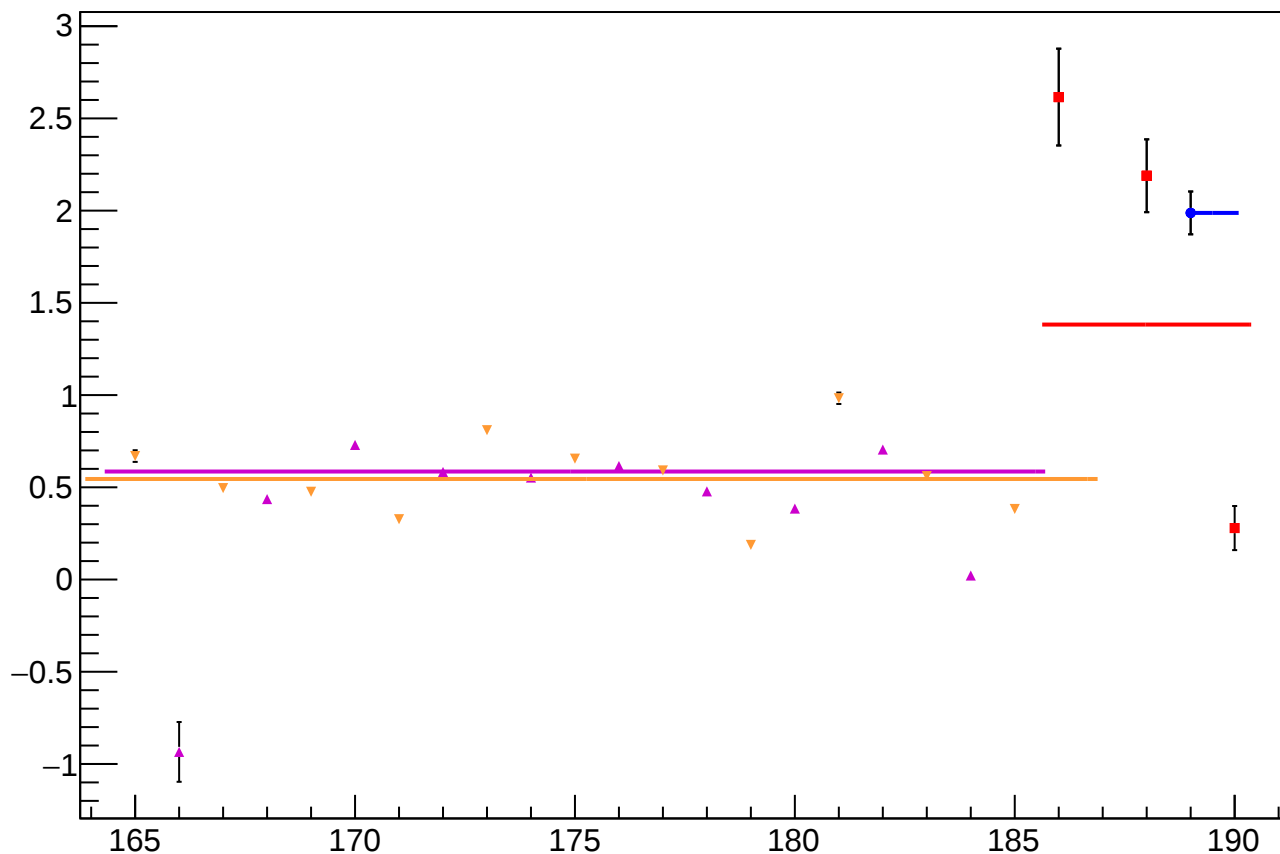
dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -187.855 ± 0.135 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -174.755 ± 0.136 $\chi^2/\text{NDF}: 9913.5/10$
 Right Out: -191.521 ± 0.151 $\chi^2/\text{NDF}: 1970.6/4$
 Left In: -173.235 ± 0.166 $\chi^2/\text{NDF}: 2266.3/9$

Left: -174.149 ± 0.105 $\chi^2/\text{NDF}: 12229.9/20$
 Right: -189.481 ± 0.101 $\chi^2/\text{NDF}: 2297.6/6$
 In: -182.050 ± 0.105 $\chi^2/\text{NDF}: 6919.4/11$
 Out: -182.222 ± 0.101 $\chi^2/\text{NDF}: 18700.0/15$
 All: -182.139 ± 0.073 $\chi^2/\text{NDF}: 25620.8/27$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 1.988 ± 0.082 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.545 ± 0.003 $\chi^2/\text{NDF}: 5270.1/10$

Right Out: 1.382 ± 0.082 $\chi^2/\text{NDF}: 162.7/4$

Left In: 0.586 ± 0.003 $\chi^2/\text{NDF}: 1584.0/9$

Left: 0.562 ± 0.002 $\chi^2/\text{NDF}: 6944.9/20$

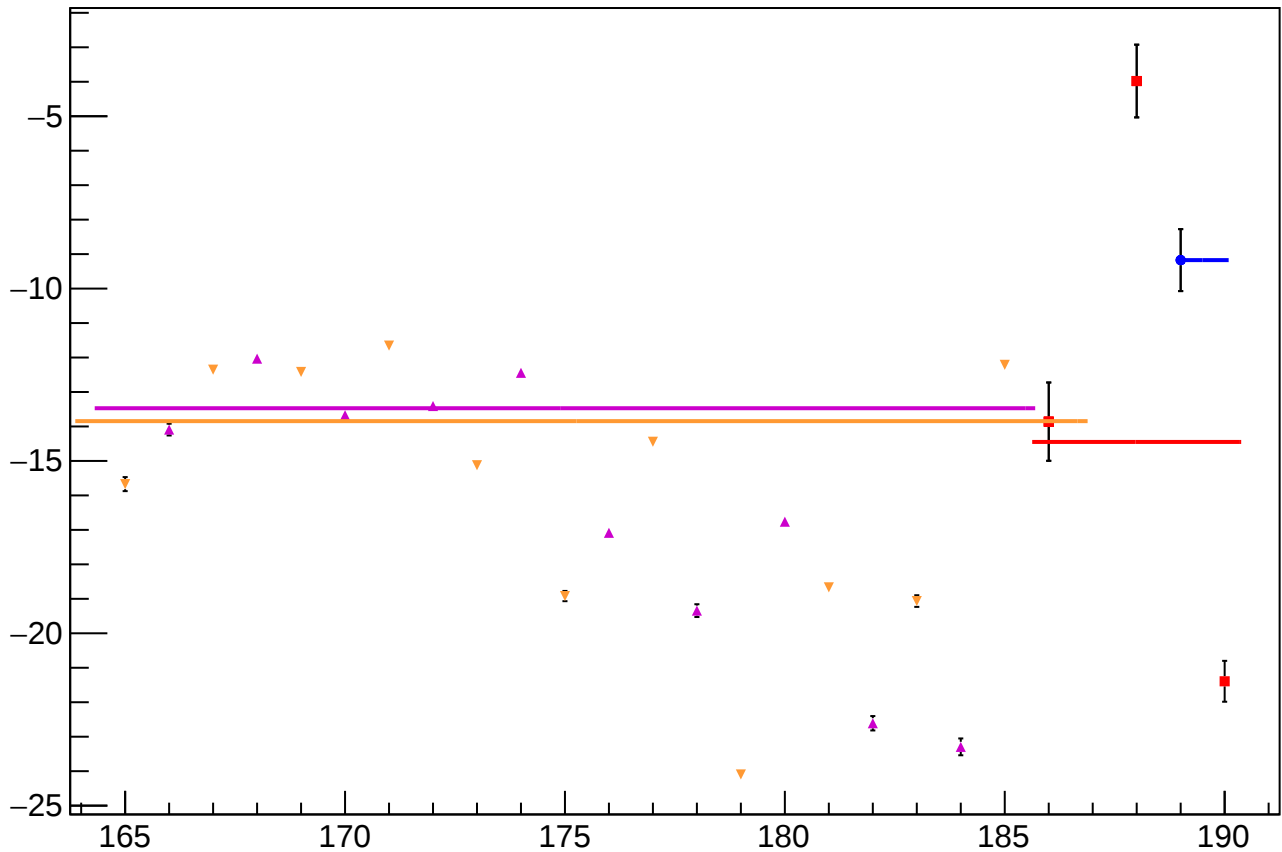
Right: 1.683 ± 0.058 $\chi^2/\text{NDF}: 190.1/6$

In: 0.588 ± 0.003 $\chi^2/\text{NDF}: 1875.4/11$

Out: 0.546 ± 0.003 $\chi^2/\text{NDF}: 5538.1/15$

All: 0.564 ± 0.002 $\chi^2/\text{NDF}: 7509.7/27$

dit_sam4_4aY_slope vs Slug, Sign Corrected



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

Left: -13.677+/-0.012 χ^2/NDF : 41693.4/20

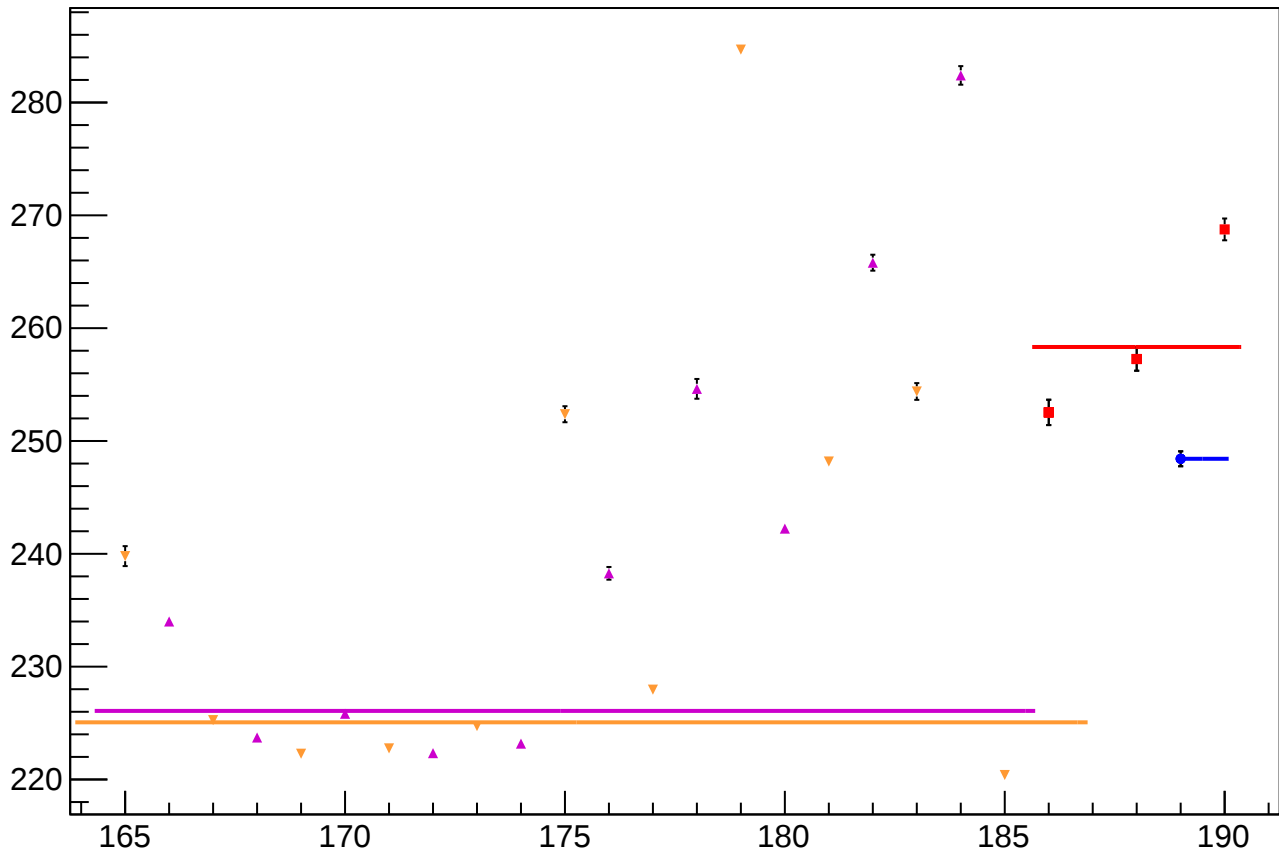
Right: -12.942+/-0.340 χ^2/NDF : 383.9/6

In: -13.467+/-0.018 χ^2/NDF : 8498.0/11

Out: -13.846+/-0.016 χ^2/NDF : 33330.1/15

All: -13.676+/-0.012 χ^2/NDF : 42082.0/27

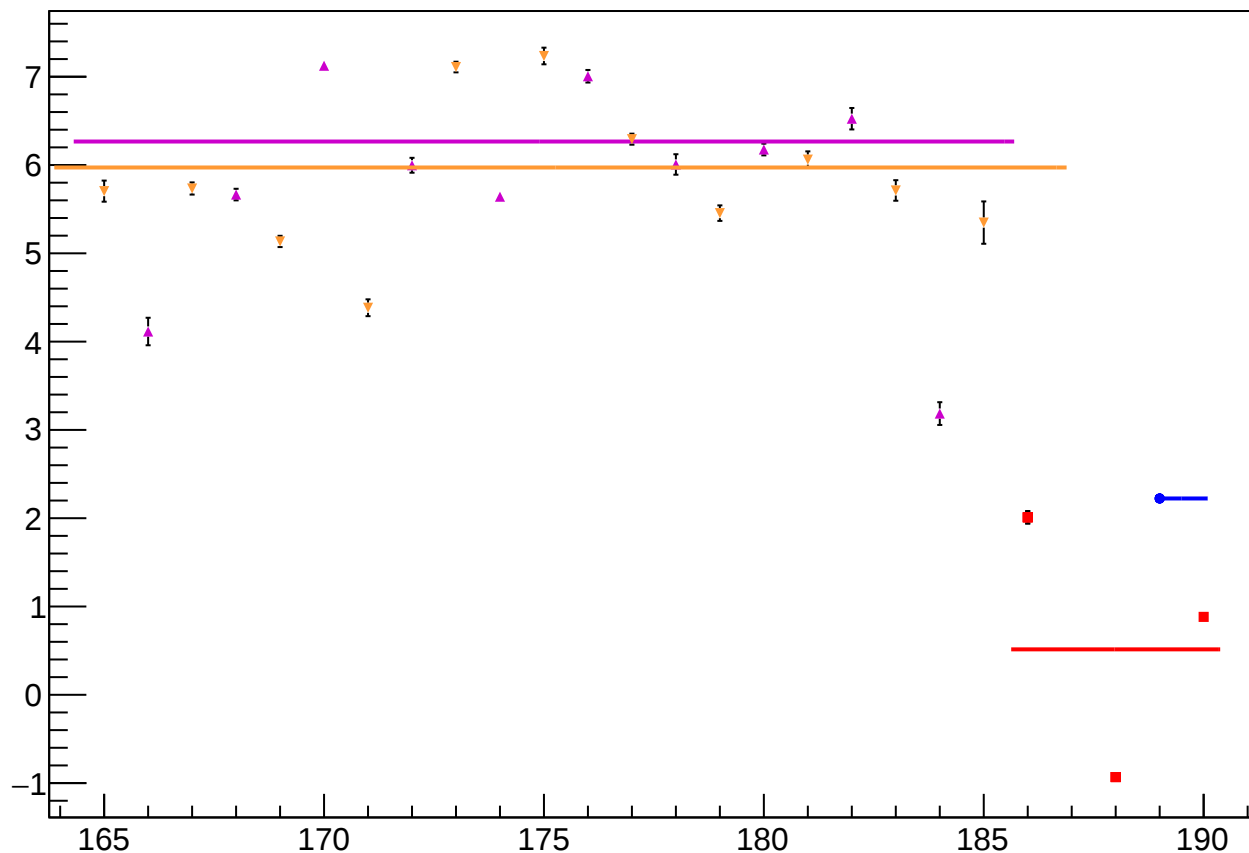
dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 248.423 $\pm$ 0.468 χ^2/NDF : 0.0/1
 Left Out: 225.065 $\pm$ 0.041 χ^2/NDF :29482.2/10
 Right Out: 258.332 $\pm$ 0.471 χ^2/NDF : 171.6/4
 Left In: 226.077 $\pm$ 0.055 χ^2/NDF :14835.7/9

Left: 225.431 $\pm$ 0.033 χ^2/NDF : 44533.3/20
 Right: 253.347 $\pm$ 0.332 χ^2/NDF : 394.4/6
 In: 226.383 $\pm$ 0.055 χ^2/NDF :17083.7/11
 Out: 225.321 $\pm$ 0.041 χ^2/NDF :34606.0/15
 All: 225.706 $\pm$ 0.033 χ^2/NDF : 51929.3/27

dit_sam5_4aX_slope vs Slug, Sign Corrected



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

Left: 6.139 $\pm$ 0.016 χ^2 /NDF: 2785.3/20

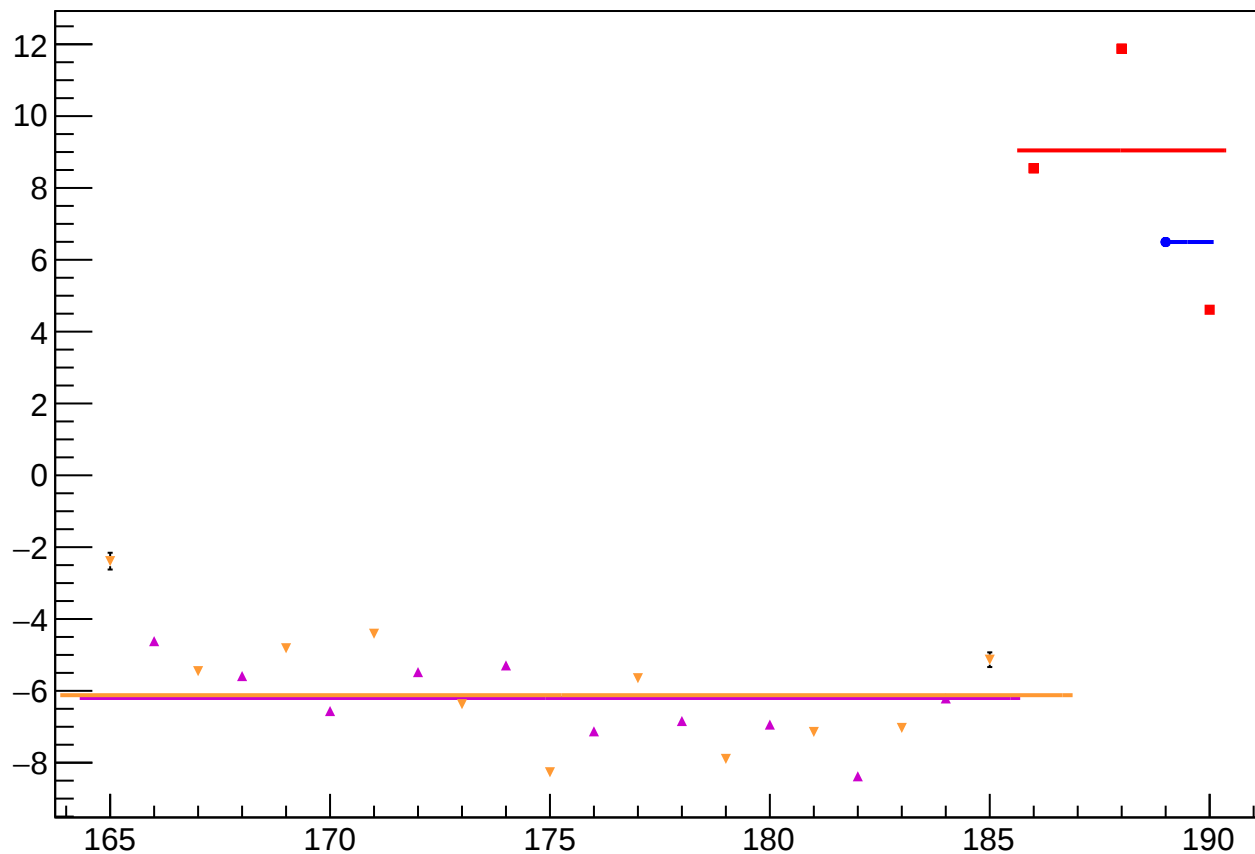
Right: 1.917 $\pm$ 0.006 χ^2 /NDF: 13878.4/6

In: 2.619 $\pm$ 0.007 χ^2 /NDF:32869.2/11

Out: 2.009 $\pm$ 0.013 χ^2 /NDF:39578.0/15

All: 2.488 $\pm$ 0.006 χ^2 /NDF: 74167.6/27

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: 6.495+/-0.087 χ^2/NDF : 0.0/1

Left Out: -6.121+/-0.022 χ^2/NDF : 3072.6/10

Right Out: 9.045+/-0.015 χ^2/NDF : 44166.9/4

Left In: -6.199+/-0.020 χ^2/NDF : 1524.8/9

Left: -6.164+/-0.015 χ^2/NDF : 4604.3/20

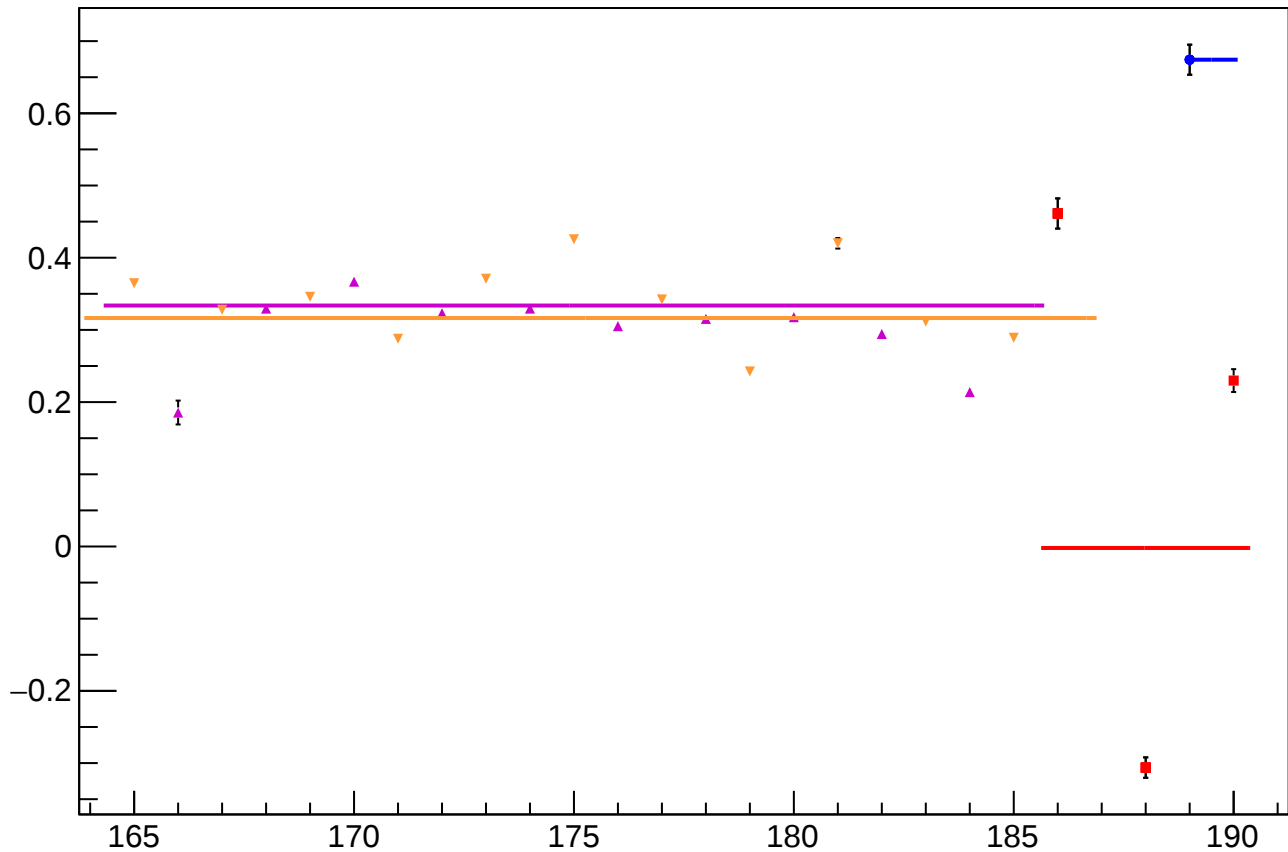
Right: 8.969+/-0.015 χ^2/NDF : 44993.1/6

In: -5.578+/-0.019 χ^2/NDF : 21599.8/11

Out: 4.049+/-0.013 χ^2/NDF : 370552.7/15

All: 1.196+/-0.011 χ^2/NDF : 566933.0/27

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.674 $\pm$ 0.015 χ^2/NDF : 0.0/1

Left Out: 0.316 $\pm$ 0.001 χ^2/NDF :2278.3/10

Right Out: -0.002 $\pm$ 0.007 χ^2/NDF : 2121.0/4

Left In: 0.334 $\pm$ 0.001 χ^2/NDF :1197.0/9

Left: 0.324 $\pm$ 0.001 χ^2/NDF : 3679.1/20

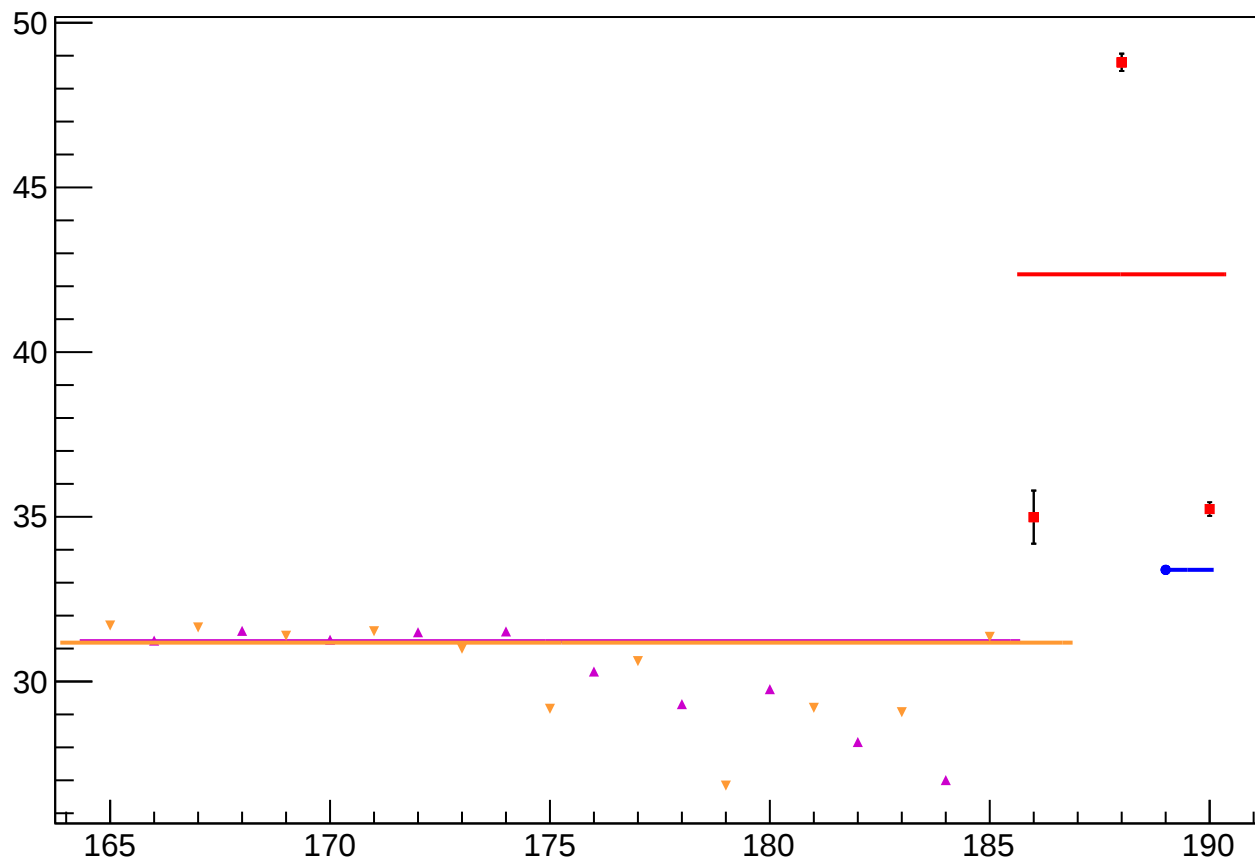
Right: 0.133 $\pm$ 0.007 χ^2/NDF : 3810.9/6

In: 0.335 $\pm$ 0.001 χ^2/NDF :1729.8/11

Out: 0.313 $\pm$ 0.001 χ^2/NDF :6259.4/15

All: 0.322 $\pm$ 0.001 χ^2/NDF : 8332.4/27

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 33.390 $\pm$ 0.109 χ^2 /NDF: 0.0/1

Left Out: 31.180 $\pm$ 0.004 χ^2 /NDF:31750.1/10

Right Out: 42.362 $\pm$ 0.135 χ^2 /NDF: 2528.5/4

Left In: 31.225 $\pm$ 0.007 χ^2 /NDF:12527.8/9

Left: 31.192 $\pm$ 0.004 χ^2 /NDF: 44310.6/20

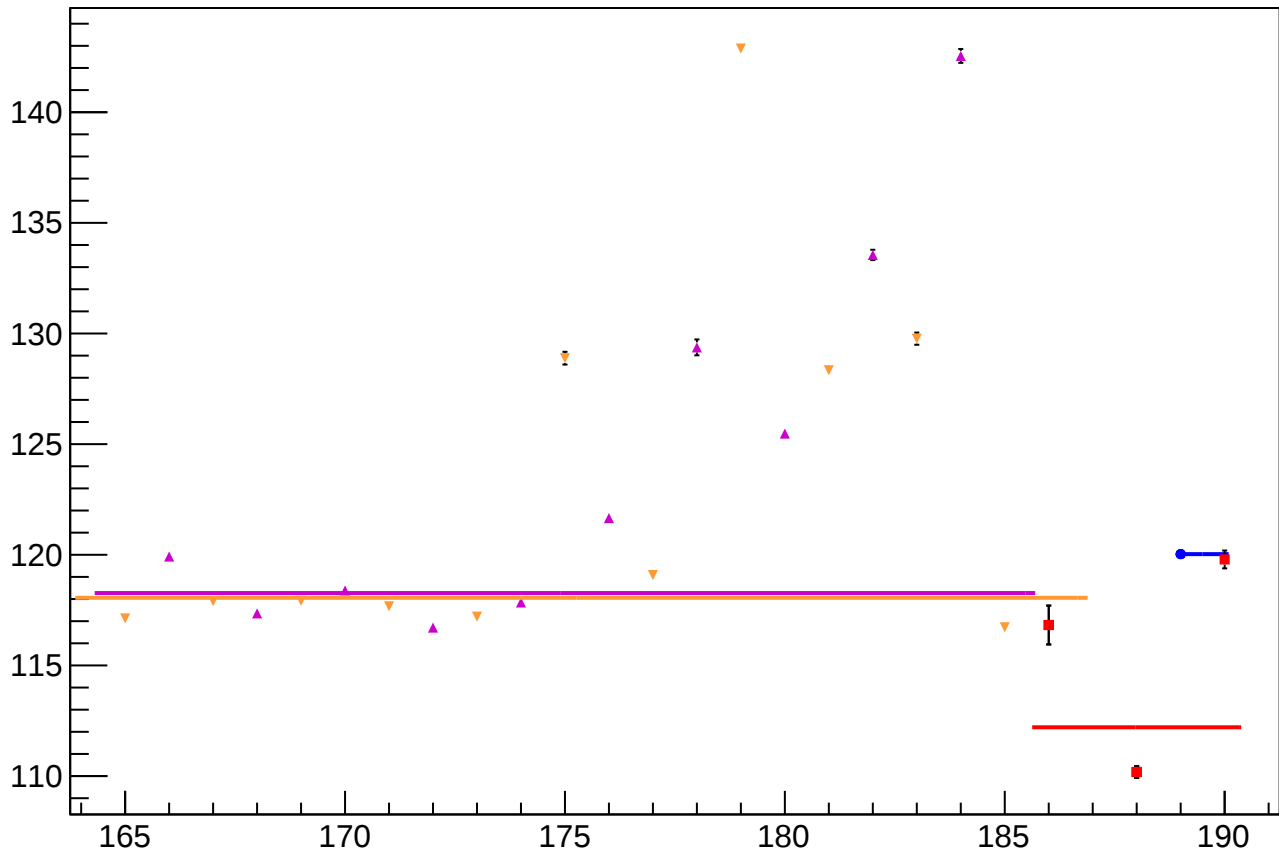
Right: 36.916 $\pm$ 0.085 χ^2 /NDF: 5211.0/6

In: 31.233 $\pm$ 0.007 χ^2 /NDF:12923.9/11

Out: 31.190 $\pm$ 0.004 χ^2 /NDF:41137.0/15

All: 31.203 $\pm$ 0.004 χ^2 /NDF: 54090.2/27

dit_sam5_4eY_slope vs Slug, Sign Corrected



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

Left: 118.109 $\pm$ 0.011 χ^2 /NDF: 48275.3/20

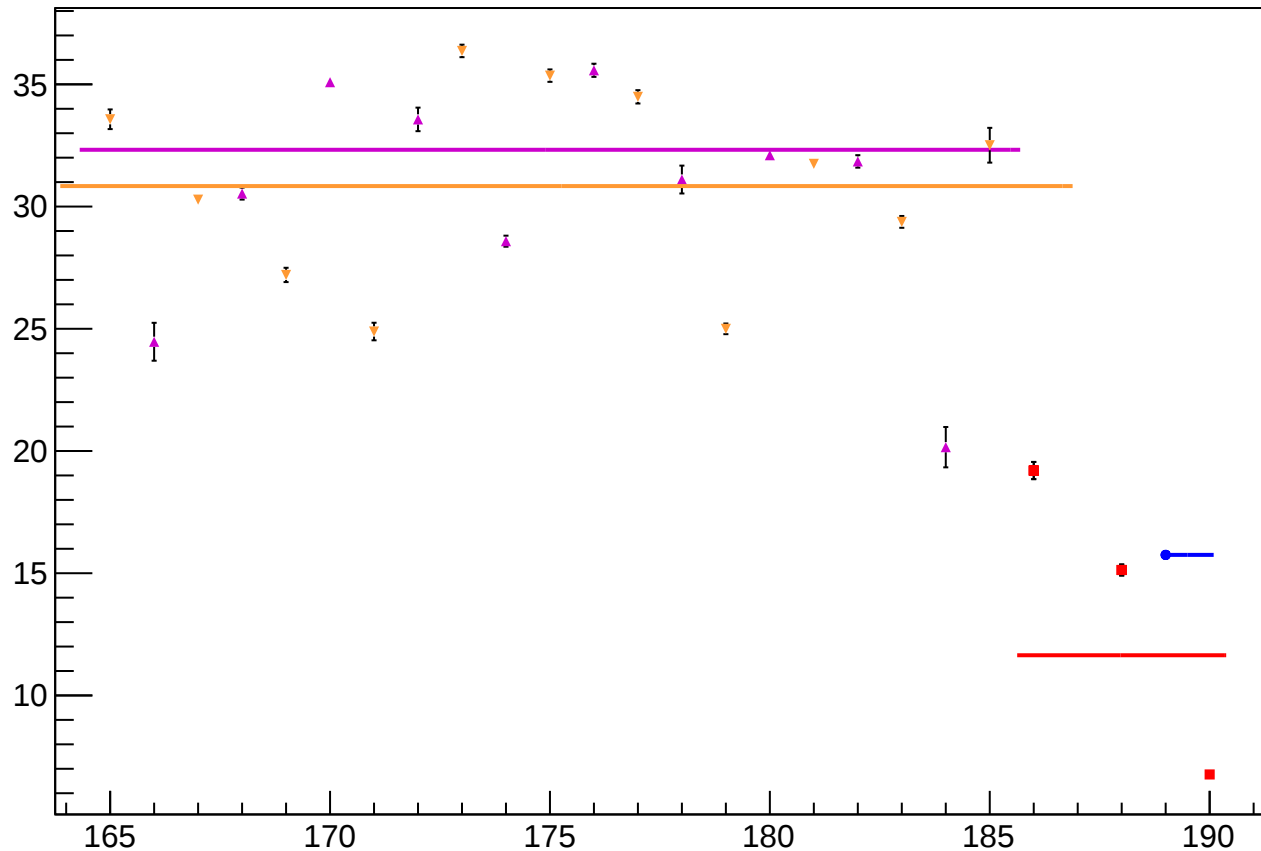
Right: 119.148 $\pm$ 0.055 χ^2 /NDF: 2584.6/6

In: 118.498 $\pm$ 0.021 χ^2 /NDF:19435.5/11

Out: 118.019 $\pm$ 0.013 χ^2 /NDF:31388.6/15

All: 118.151 $\pm$ 0.011 χ^2 /NDF: 51208.1/27

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 15.750 $\pm$ 0.119 χ^2 /NDF: 0.0/1

Left Out: 30.838 $\pm$ 0.079 χ^2 /NDF:2223.7/10

Right Out: 11.644 $\pm$ 0.096 χ^2 /NDF: 2677.3/4

Left In: 32.323 $\pm$ 0.084 χ^2 /NDF:1088.4/9

Left: 31.533 $\pm$ 0.057 χ^2 /NDF: 3478.9/20

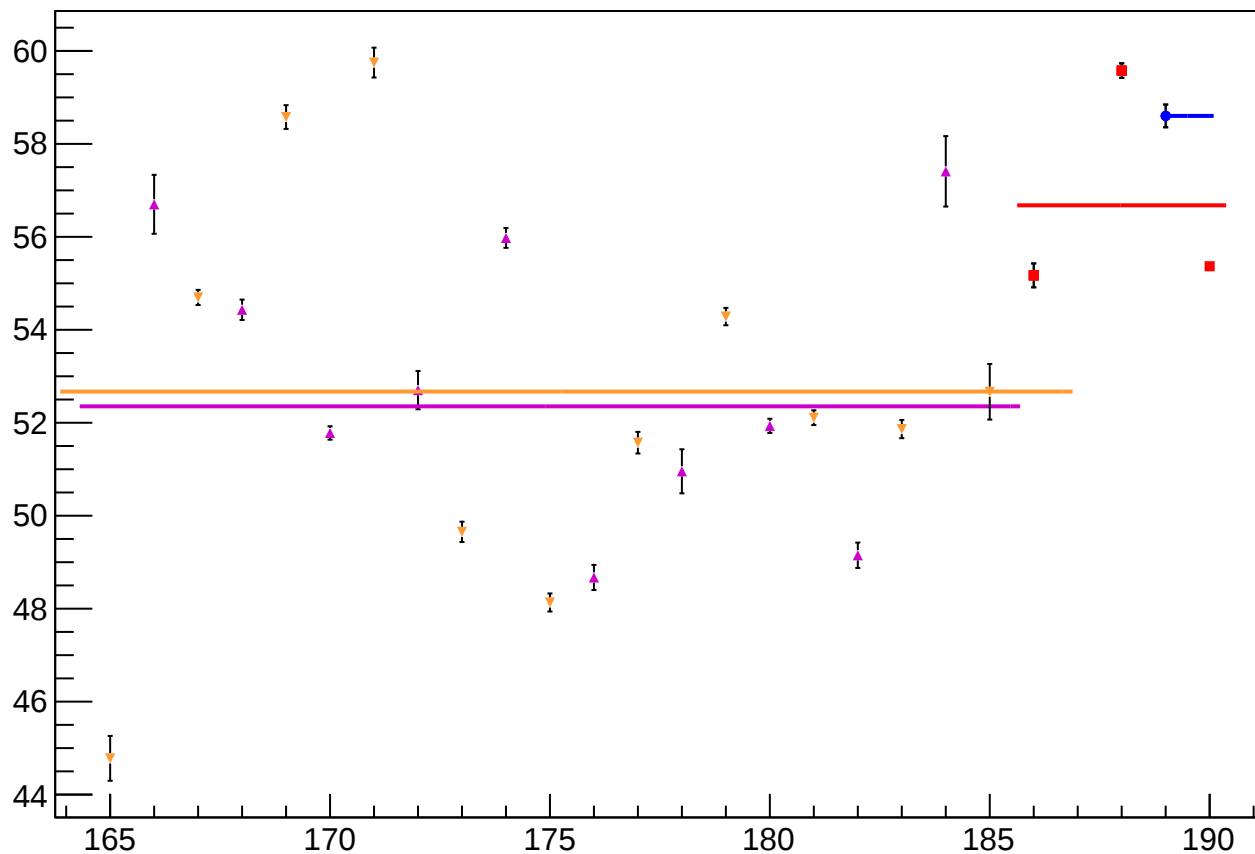
Right: 13.260 $\pm$ 0.075 χ^2 /NDF: 3402.2/6

In: 26.806 $\pm$ 0.069 χ^2 /NDF:14077.2/11

Out: 23.097 $\pm$ 0.061 χ^2 /NDF:28917.1/15

All: 24.729 $\pm$ 0.045 χ^2 /NDF: 44634.7/27

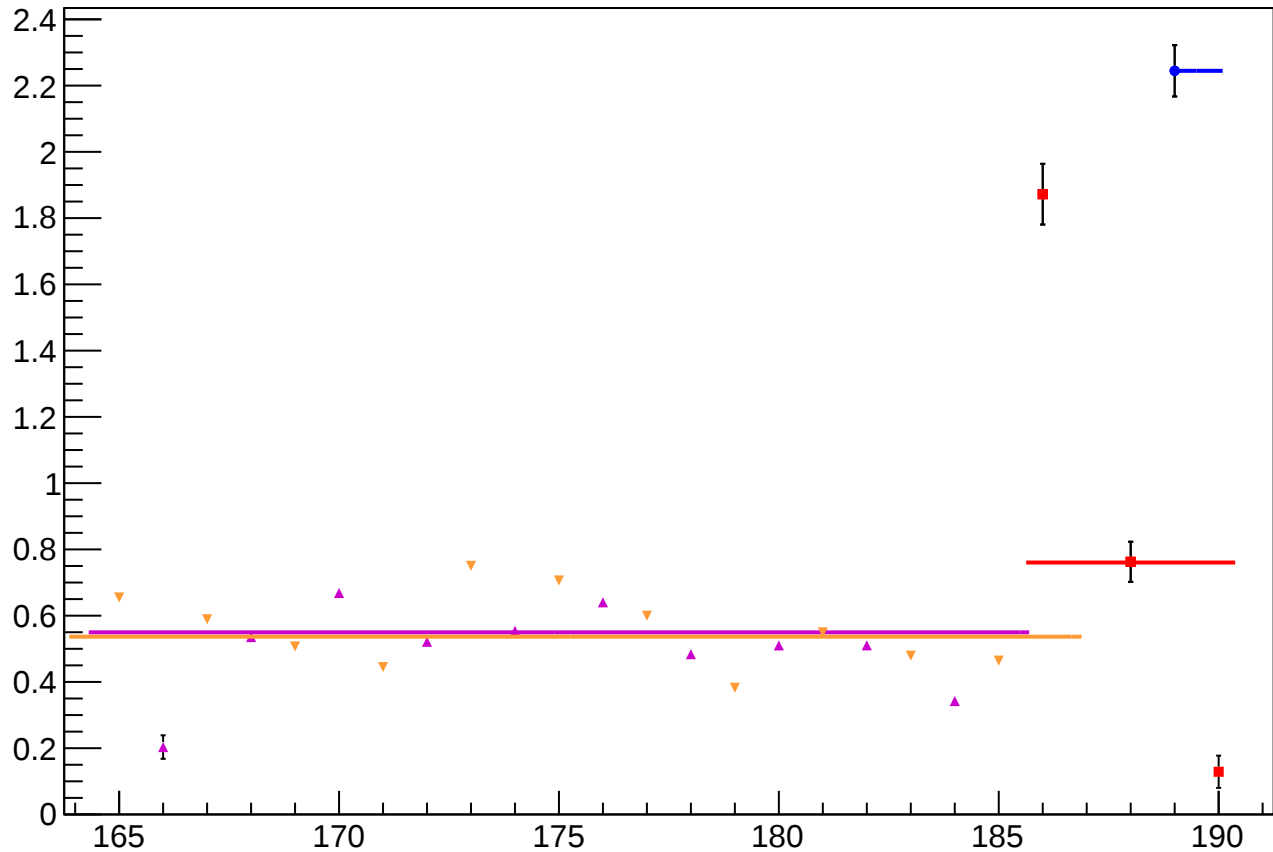
dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 58.602 ± 0.173 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: 52.672 ± 0.066 $\chi^2/\text{NDF}: 2305.6/10$
 Right Out: 56.679 ± 0.063 $\chi^2/\text{NDF}: 993.4/4$
 Left In: 52.353 ± 0.076 $\chi^2/\text{NDF}: 828.5/9$

Left: 52.534 ± 0.050 $\chi^2/\text{NDF}: 3144.2/20$
 Right: 56.901 ± 0.059 $\chi^2/\text{NDF}: 1102.4/6$
 In: 53.351 ± 0.069 $\chi^2/\text{NDF}: 1921.9/11$
 Out: 54.776 ± 0.045 $\chi^2/\text{NDF}: 5239.1/15$
 All: 54.347 ± 0.038 $\chi^2/\text{NDF}: 7457.1/27$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 2.245 ± 0.055 χ^2/NDF : 0.0/1

Left Out: 0.537 ± 0.001 χ^2/NDF : 8645.0/10

Right Out: 0.760 ± 0.029 χ^2/NDF : 462.6/4

Left In: 0.550 ± 0.001 χ^2/NDF : 3336.1/9

Left: 0.545 ± 0.001 χ^2/NDF : 12036.2/20

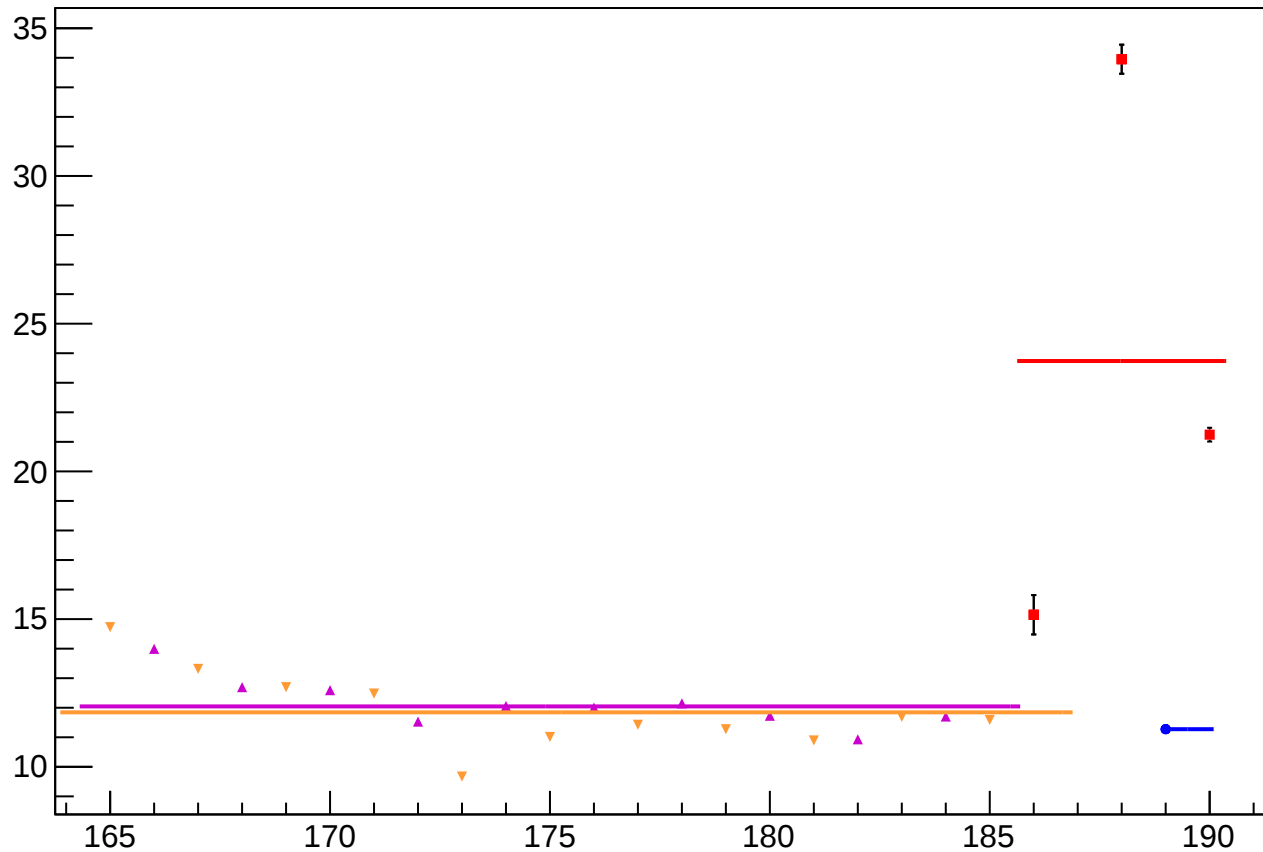
Right: 1.082 ± 0.025 χ^2/NDF : 1037.5/6

In: 0.550 ± 0.001 χ^2/NDF : 4292.7/11

Out: 0.537 ± 0.001 χ^2/NDF : 9167.9/15

All: 0.545 ± 0.001 χ^2/NDF : 13517.0/27

dit_sam6_4aY_slope vs Slug, Sign Corrected



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

Left: 11.943+/-0.005 χ^2/NDF : 23165.0/20

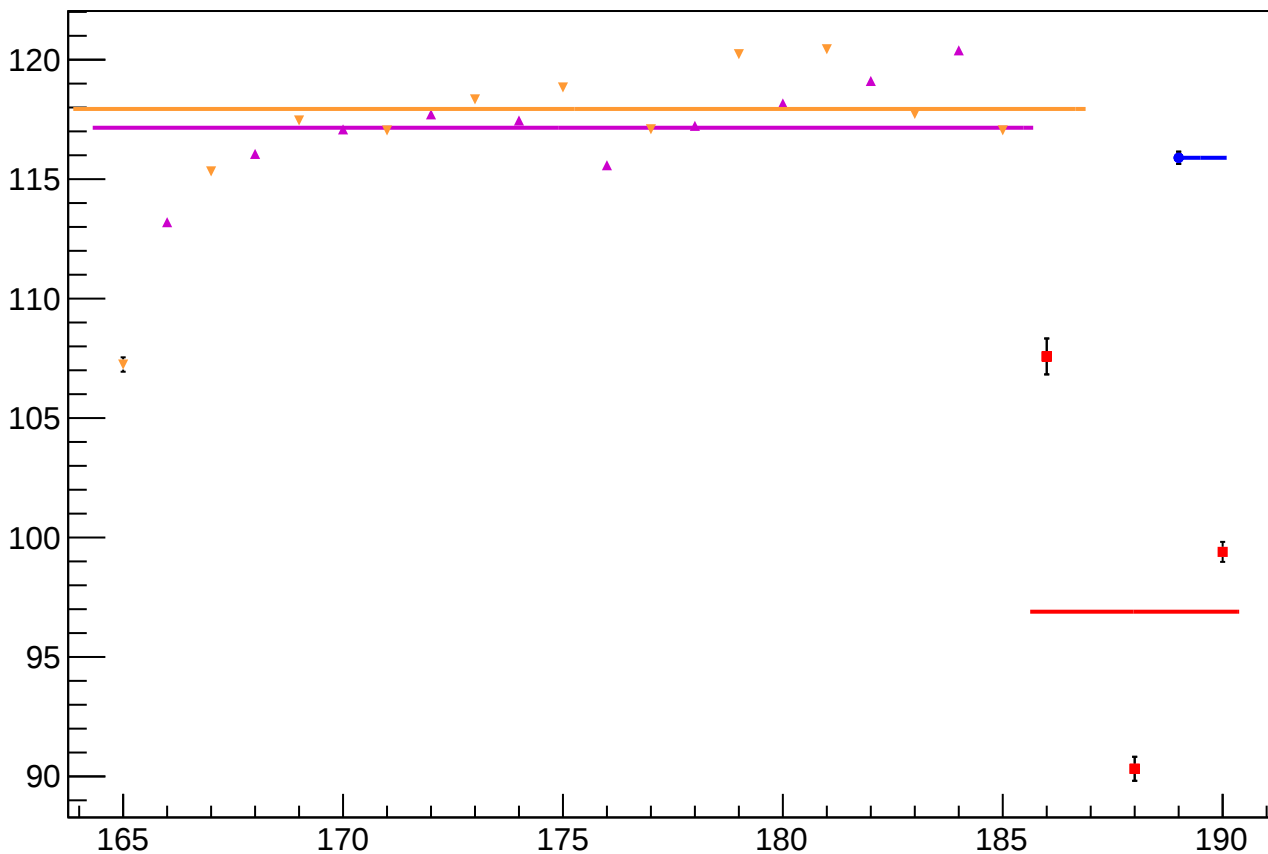
Right: 14.673+/-0.094 χ^2/NDF : 4821.6/6

In: 12.041+/-0.007 χ^2/NDF : 5916.7/11

Out: 11.864+/-0.007 χ^2/NDF : 22628.2/15

All: 11.951+/-0.005 χ^2/NDF : 28834.2/27

dit_sam6_4eY_slope vs Slug, Sign Corrected



Left: 117.551 $\pm$ 0.010 χ^2/NDF : 30764.7/20

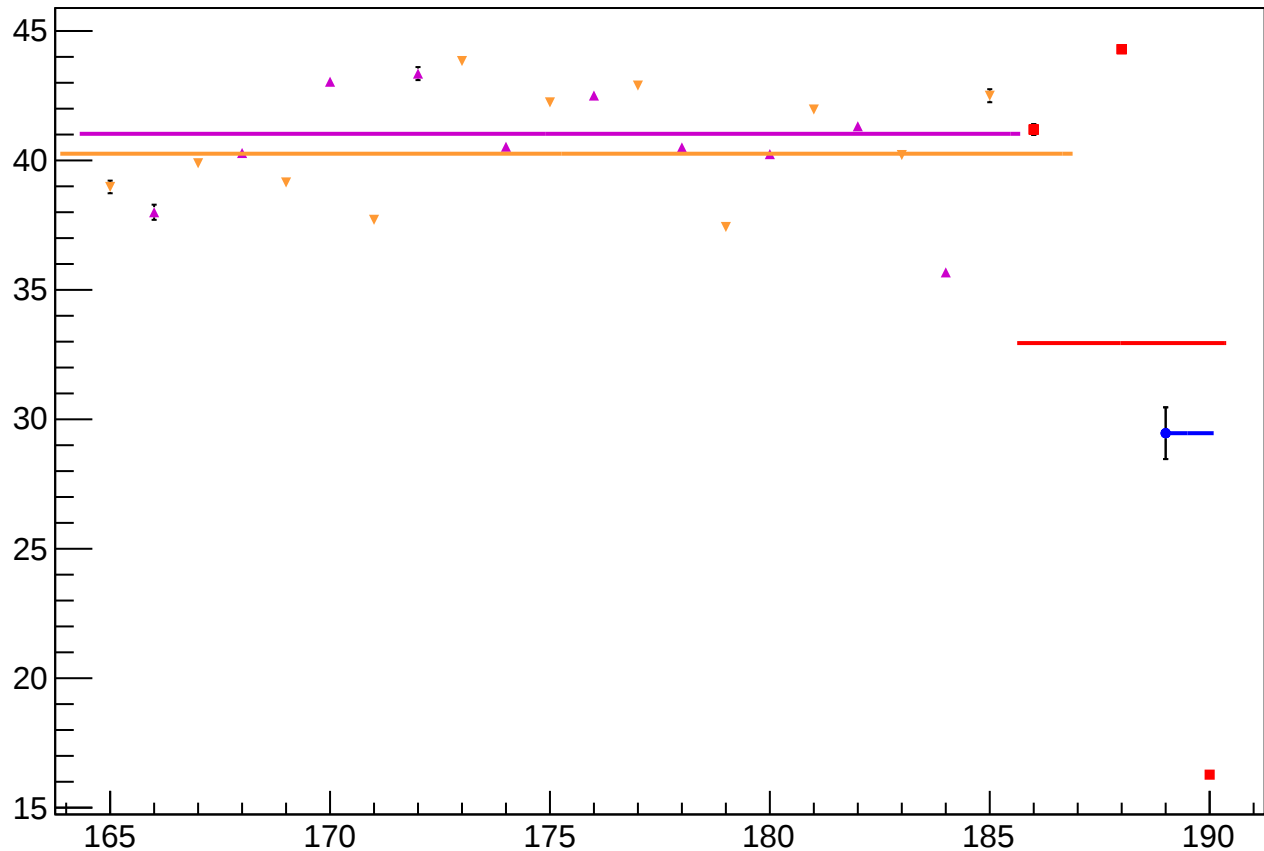
Right: 109.050 $\pm$ 0.145 χ^2/NDF : 4746.8/6

In: 117.145 $\pm$ 0.014 χ^2/NDF : 14889.4/11

Out: 117.872 $\pm$ 0.014 χ^2/NDF : 22643.5/15

All: 117.513 $\pm$ 0.010 χ^2/NDF : 38939.9/27

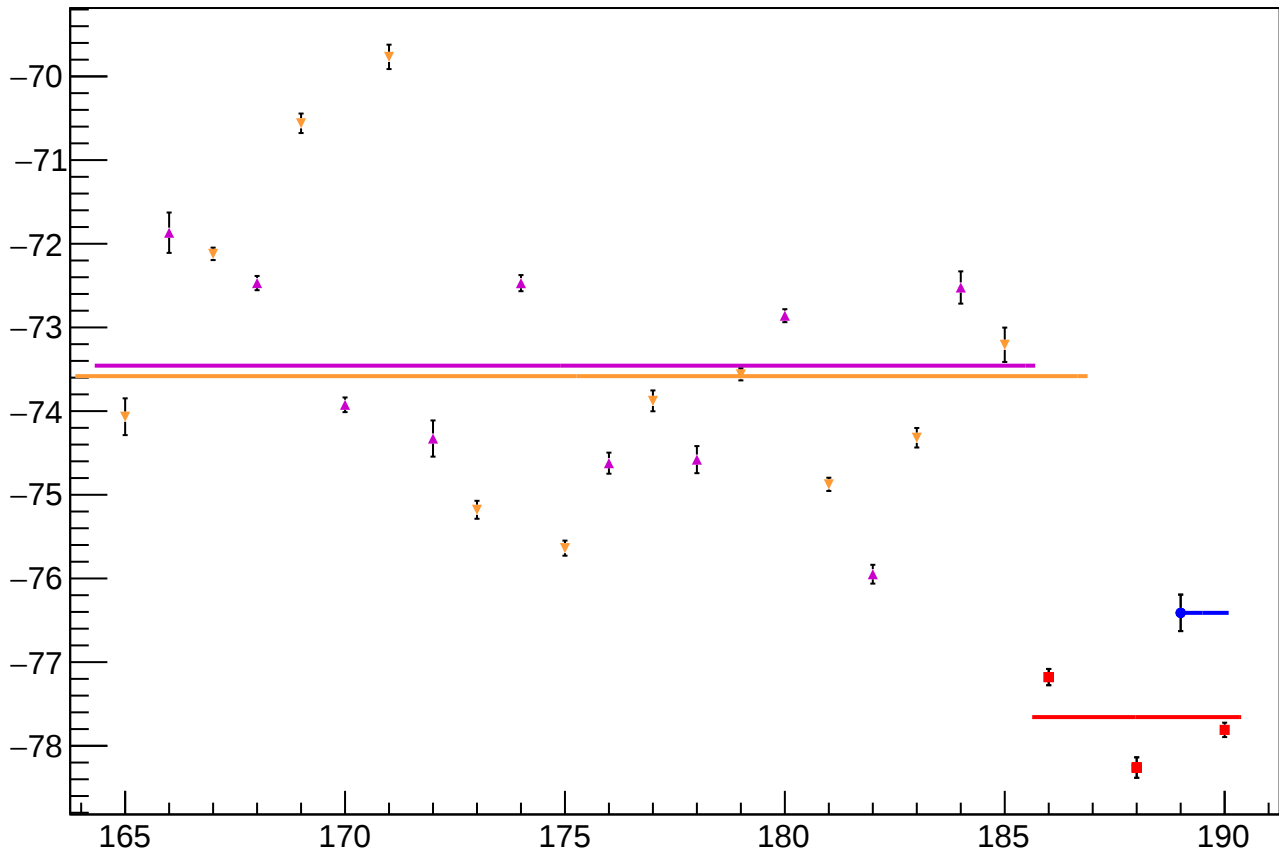
dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 29.464 $\pm$ 0.707 χ^2/NDF : 0.0/1
 Left Out: 40.260 $\pm$ 0.040 χ^2/NDF :2925.3/10
 Right Out: 32.945 $\pm$ 0.074 χ^2/NDF : 30511.5/4
 Left In: 41.028 $\pm$ 0.039 χ^2/NDF :1668.4/9

Left: 40.651 $\pm$ 0.028 χ^2/NDF : 4781.0/20
 Right: 32.907 $\pm$ 0.074 χ^2/NDF : 30535.5/6
 In: 40.993 $\pm$ 0.039 χ^2/NDF :1935.3/11
 Out: 38.617 $\pm$ 0.035 χ^2/NDF :40929.4/15
 All: 39.677 $\pm$ 0.026 χ^2/NDF : 44889.1/27

dit_sam7_4eX_slope vs Slug, Sign Corrected



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

Left: -73.528 ± 0.023 χ^2/NDF : 3844.9/20

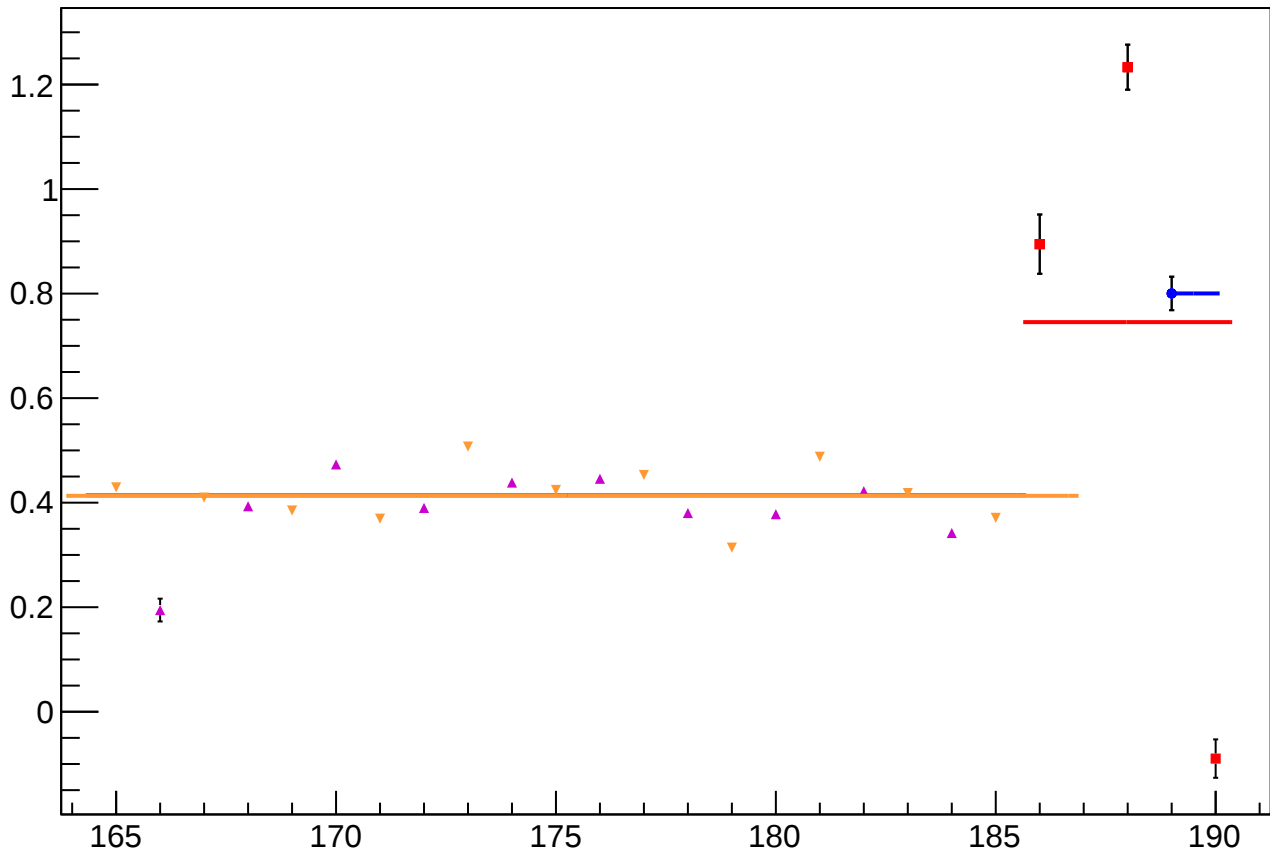
Right: -77.556 ± 0.044 χ^2/NDF : 160.0/6

In: -73.607 ± 0.035 χ^2/NDF : 1383.9/11

Out: -74.860 ± 0.026 χ^2/NDF : 8366.1/15

All: -74.419 ± 0.021 χ^2/NDF : 10593.8/27

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.800 $\pm$ 0.023 χ^2 /NDF: 0.0/1

Left Out: 0.413 $\pm$ 0.001 χ^2 /NDF:3740.5/10

Right Out: 0.745 $\pm$ 0.020 χ^2 /NDF: 786.6/4

Left In: 0.414 $\pm$ 0.001 χ^2 /NDF:2153.2/9

Left: 0.414 $\pm$ 0.001 χ^2 /NDF: 5894.3/20

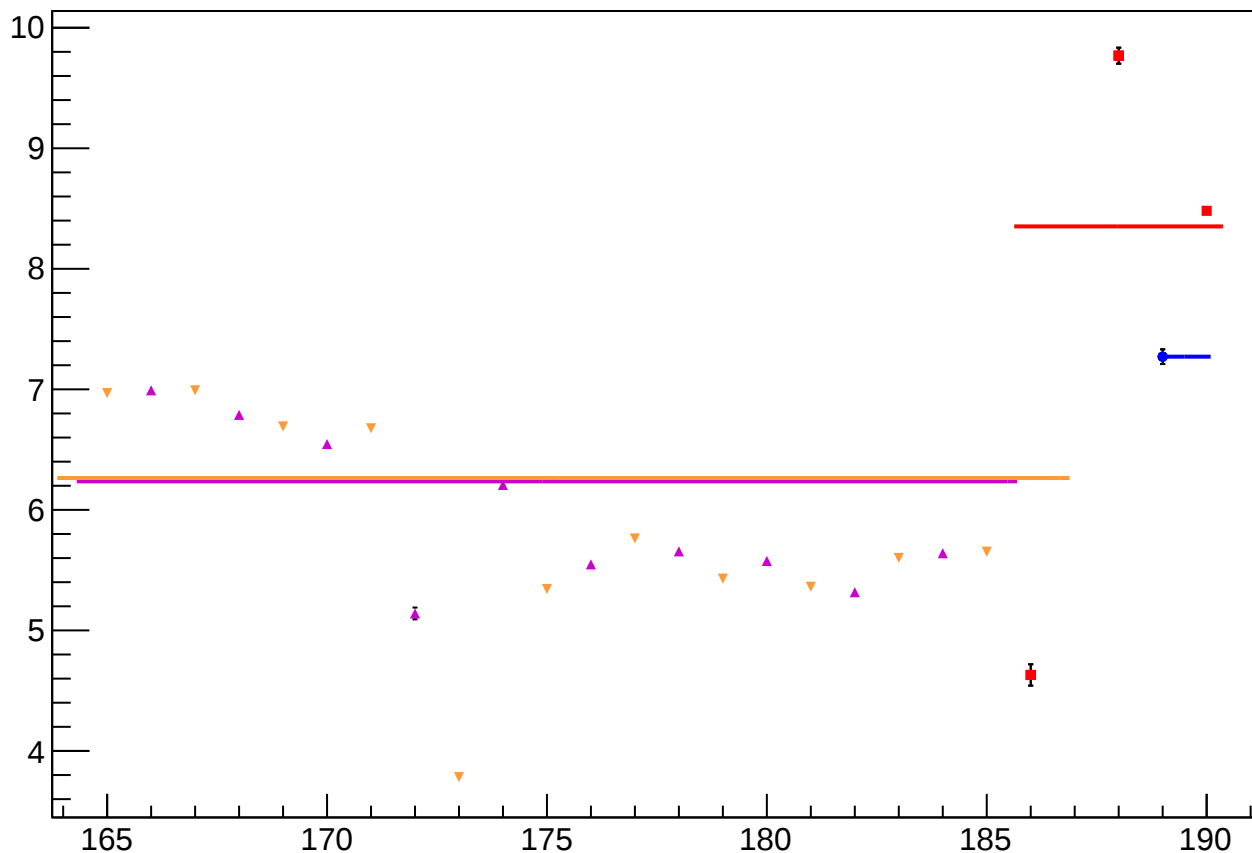
Right: 0.770 $\pm$ 0.015 χ^2 /NDF: 789.9/6

In: 0.415 $\pm$ 0.001 χ^2 /NDF:2443.6/11

Out: 0.414 $\pm$ 0.001 χ^2 /NDF:4796.1/15

All: 0.414 $\pm$ 0.001 χ^2 /NDF: 7240.3/27

dit_sam7_4aY_slope vs Slug, Sign Corrected



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

Left: 6.255 $\pm$ 0.002 χ^2 /NDF: 117750.1/20

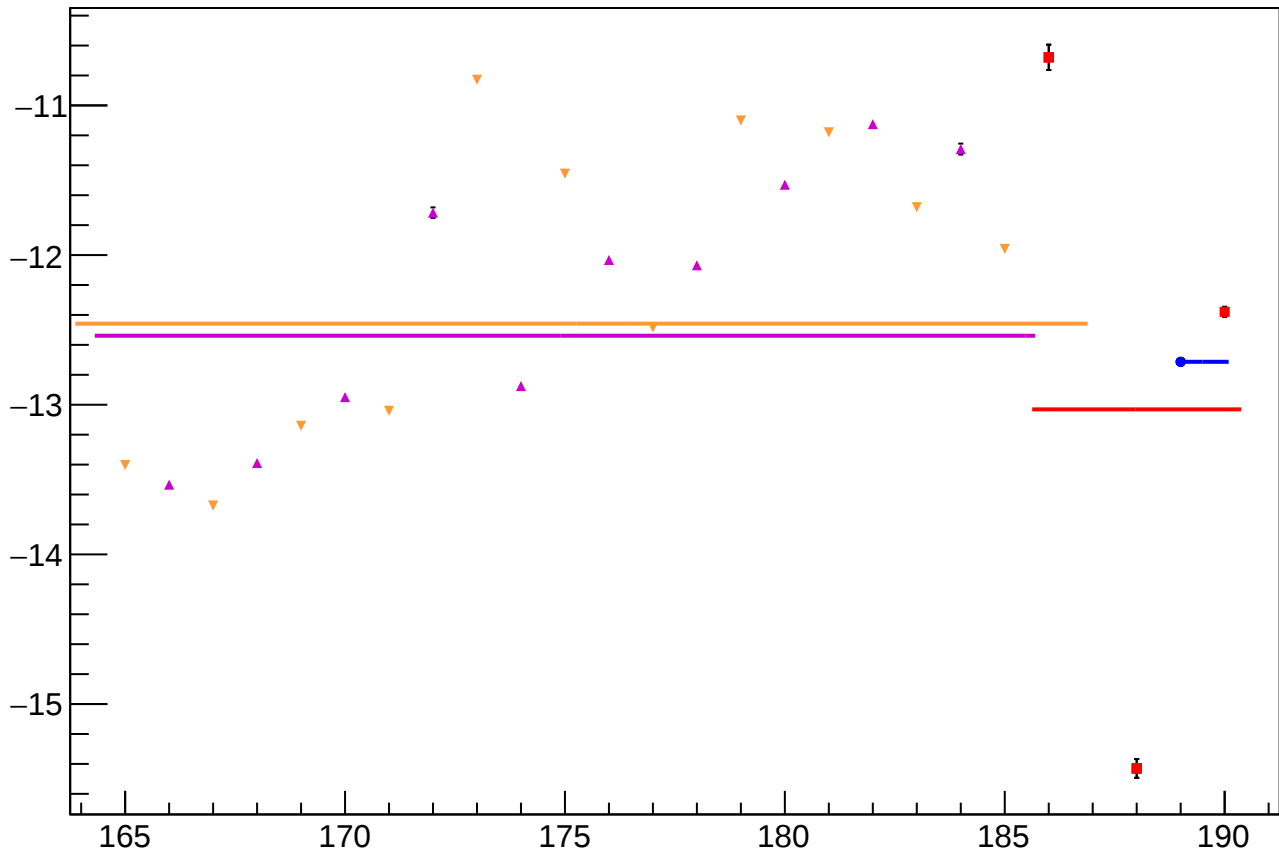
Right: 8.192 $\pm$ 0.017 χ^2 /NDF: 5012.9/6

In: 6.243 $\pm$ 0.003 χ^2 /NDF: 26511.1/11

Out: 6.301 $\pm$ 0.002 χ^2 /NDF: 109475.8/15

All: 6.281 $\pm$ 0.002 χ^2 /NDF: 136192.8/27

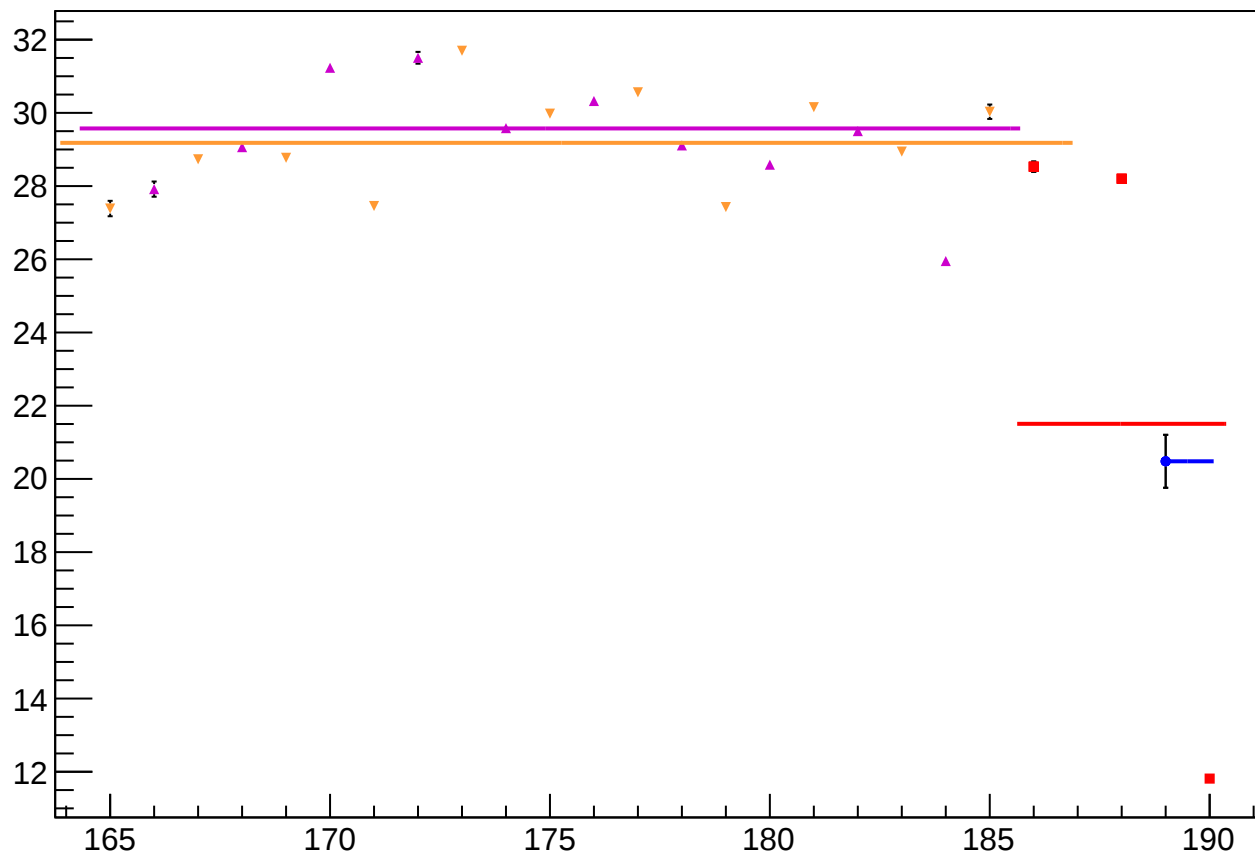
dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.713 $\pm$ 0.004 χ^2 /NDF: 0.0/1
 Left Out: -12.458 $\pm$ 0.004 χ^2 /NDF:73622.0/10
 Right Out: -13.031 $\pm$ 0.025 χ^2 /NDF: 4845.8/4
 Left In: -12.539 $\pm$ 0.005 χ^2 /NDF:27731.1/9

Left: -12.489 $\pm$ 0.003 χ^2 /NDF: 101543.8/20
 Right: -12.722 $\pm$ 0.004 χ^2 /NDF: 5008.4/6
 In: -12.636 $\pm$ 0.003 χ^2 /NDF:28530.2/11
 Out: -12.470 $\pm$ 0.004 χ^2 /NDF:78999.0/15
 All: -12.565 $\pm$ 0.002 χ^2 /NDF: 108764.6/27

dit_sam8_4aX_slope vs Slug, Sign Corrected



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

Left: 29.386 $\pm$ 0.022 χ^2 /NDF: 3873.2/20

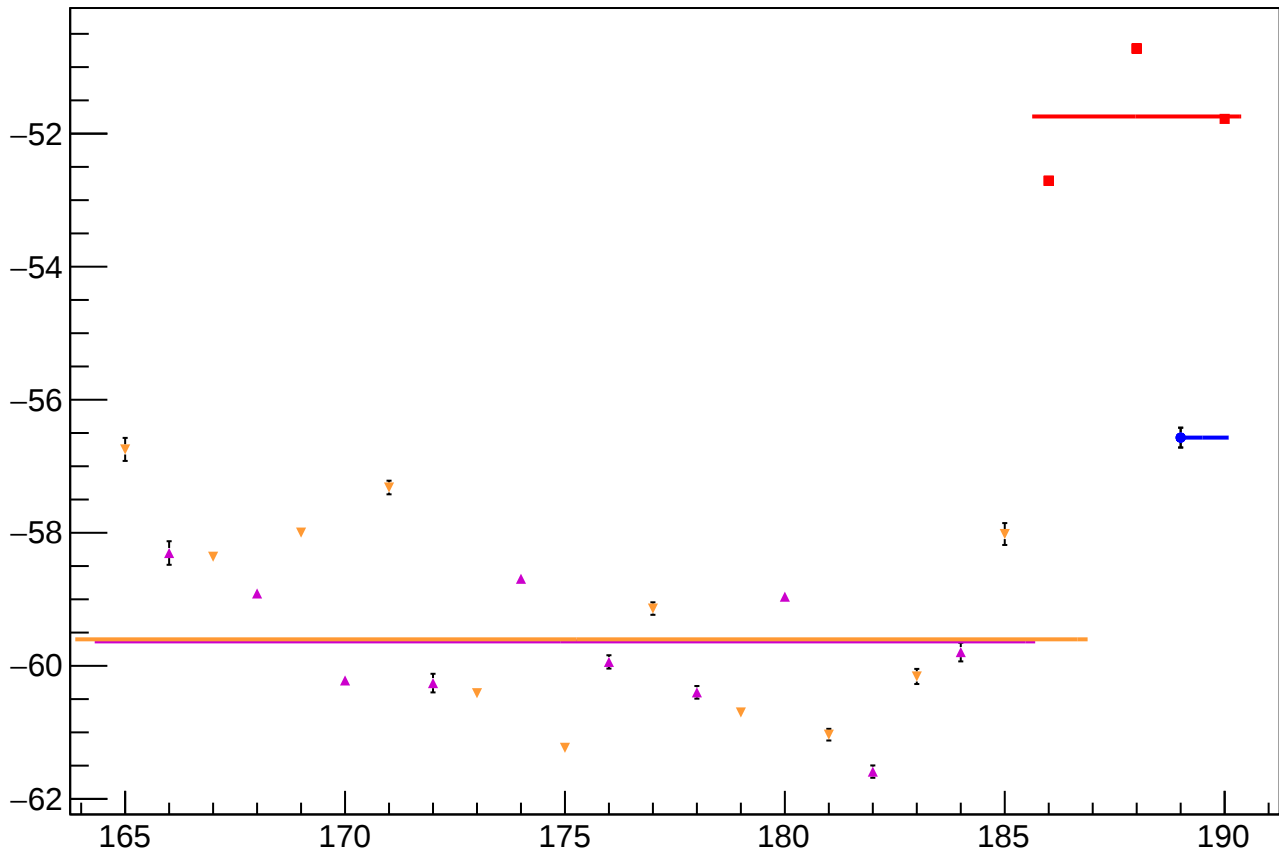
Right: 21.499 $\pm$ 0.039 χ^2 /NDF: 43964.5/6

In: 29.543 $\pm$ 0.030 χ^2 /NDF:1994.9/11

Out: 26.148 $\pm$ 0.024 χ^2 /NDF:69902.9/15

All: 27.494 $\pm$ 0.019 χ^2 /NDF: 79633.8/27

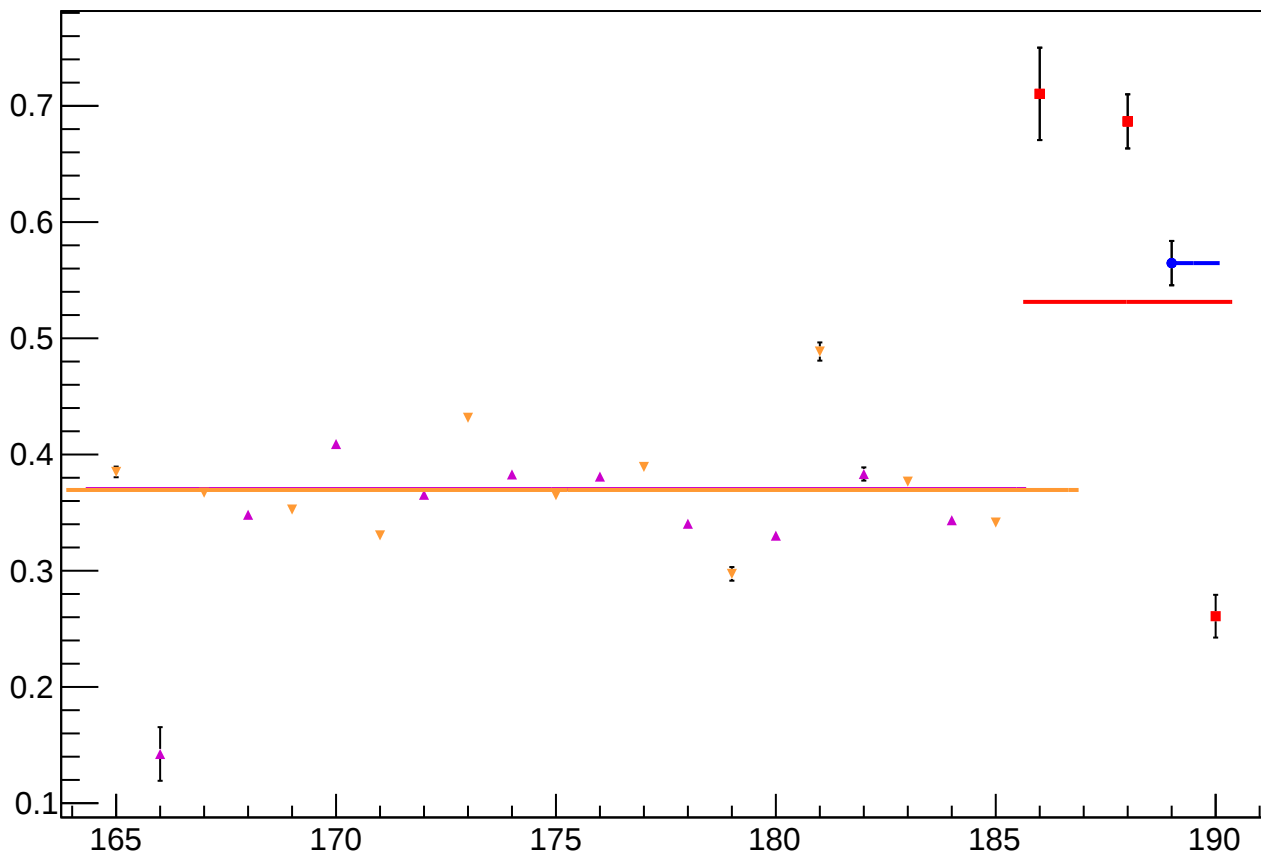
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -56.569 ± 0.105 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: -59.602 ± 0.024 $\chi^2/\text{NDF}: 3133.1/10$
 Right Out: -51.742 ± 0.025 $\chi^2/\text{NDF}: 1192.1/4$
 Left In: -59.633 ± 0.028 $\chi^2/\text{NDF}: 1047.2/9$

Left: -59.615 ± 0.018 $\chi^2/\text{NDF}: 4181.0/20$
 Right: -51.996 ± 0.024 $\chi^2/\text{NDF}: 3181.9/6$
 In: -59.430 ± 0.027 $\chi^2/\text{NDF}: 1837.2/11$
 Out: -55.765 ± 0.017 $\chi^2/\text{NDF}: 55596.2/15$
 All: -56.831 ± 0.015 $\chi^2/\text{NDF}: 70418.5/27$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



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

Left: 0.370 $\pm$ 0.000 χ^2 /NDF: 5382.2/20

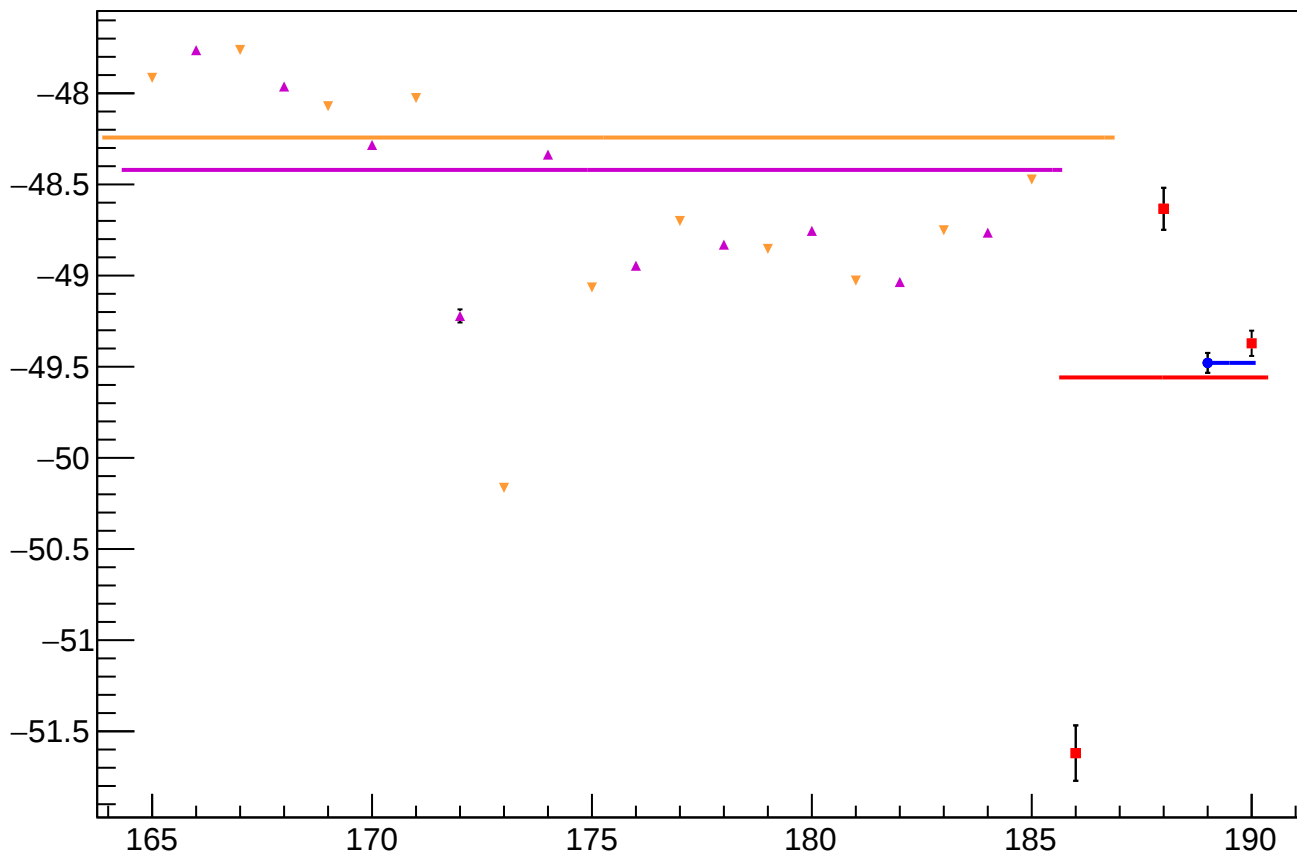
Right: 0.545 $\pm$ 0.009 χ^2 /NDF: 349.3/6

In: 0.371 $\pm$ 0.001 χ^2 /NDF:1342.6/11

Out: 0.370 $\pm$ 0.001 χ^2 /NDF:4798.4/15

All: 0.370 $\pm$ 0.000 χ^2 /NDF: 6142.1/27

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -49.479 $\pm$ 0.039 χ^2 /NDF: 0.0/1

Left Out: -48.243 $\pm$ 0.002 χ^2 /NDF:40895.2/10

Right Out: -49.559 $\pm$ 0.047 χ^2 /NDF: 503.9/4

Left In: -48.420 $\pm$ 0.003 χ^2 /NDF:14062.3/9

Left: -48.313 $\pm$ 0.002 χ^2 /NDF: 57296.6/20

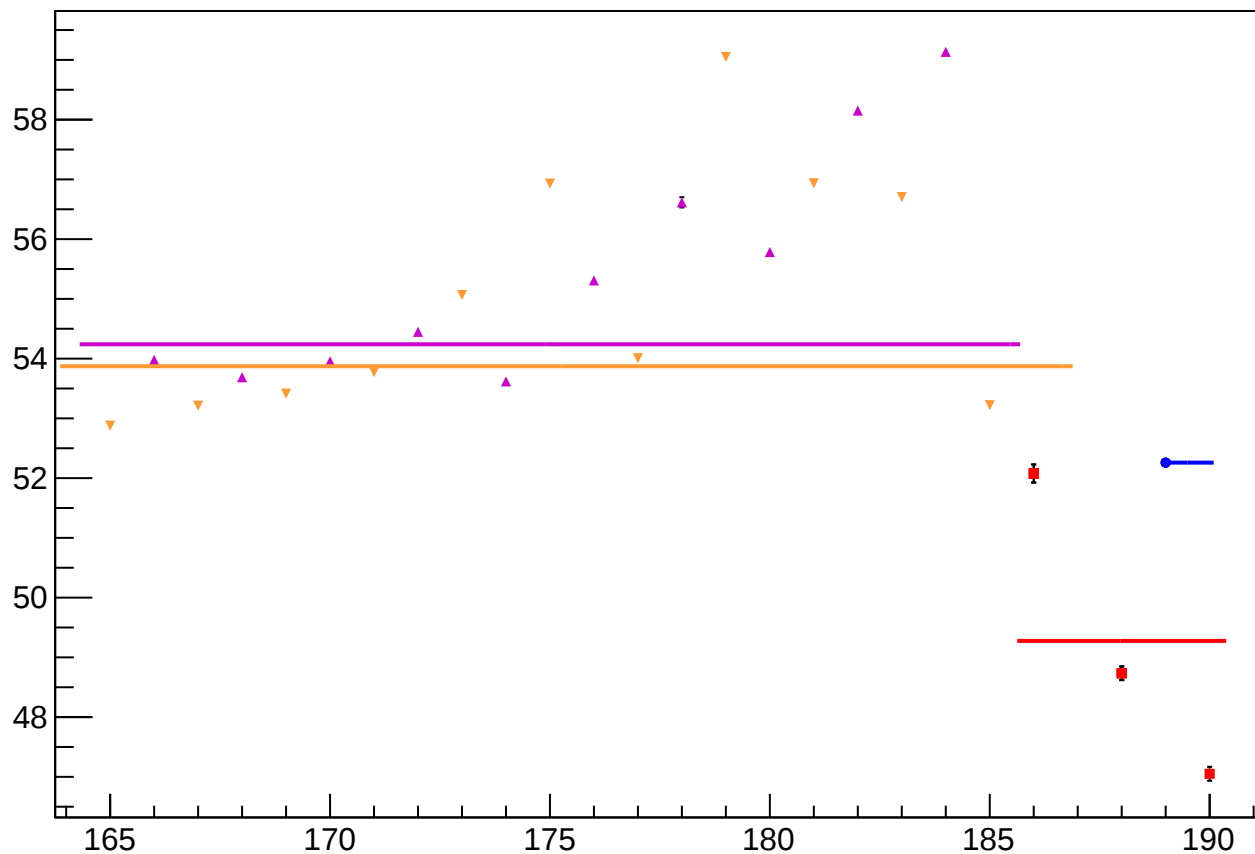
Right: -49.511 $\pm$ 0.030 χ^2 /NDF: 505.6/6

In: -48.426 $\pm$ 0.003 χ^2 /NDF:14811.3/11

Out: -48.246 $\pm$ 0.002 χ^2 /NDF:42168.6/15

All: -48.317 $\pm$ 0.002 χ^2 /NDF: 59399.9/27

dit_sam8_4eY_slope vs Slug, Sign Corrected



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

Left: 54.018 $\pm$ 0.005 χ^2 /NDF: 60060.4/20

Right: 50.925 $\pm$ 0.038 χ^2 /NDF: 2628.6/6

In: 54.188 $\pm$ 0.008 χ^2 /NDF:17342.8/11

Out: 53.808 $\pm$ 0.007 χ^2 /NDF:50626.8/15

All: 53.960 $\pm$ 0.005 χ^2 /NDF: 69250.0/27

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

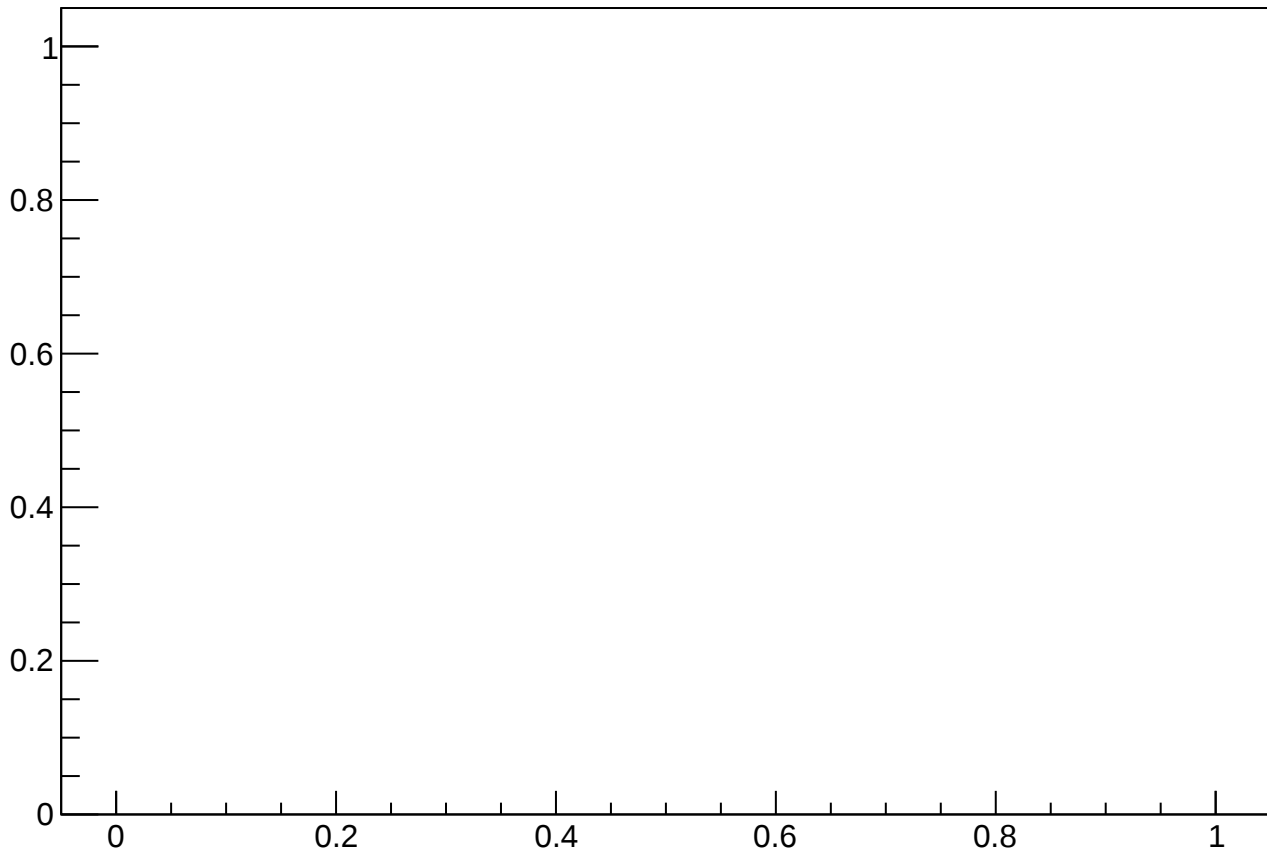
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

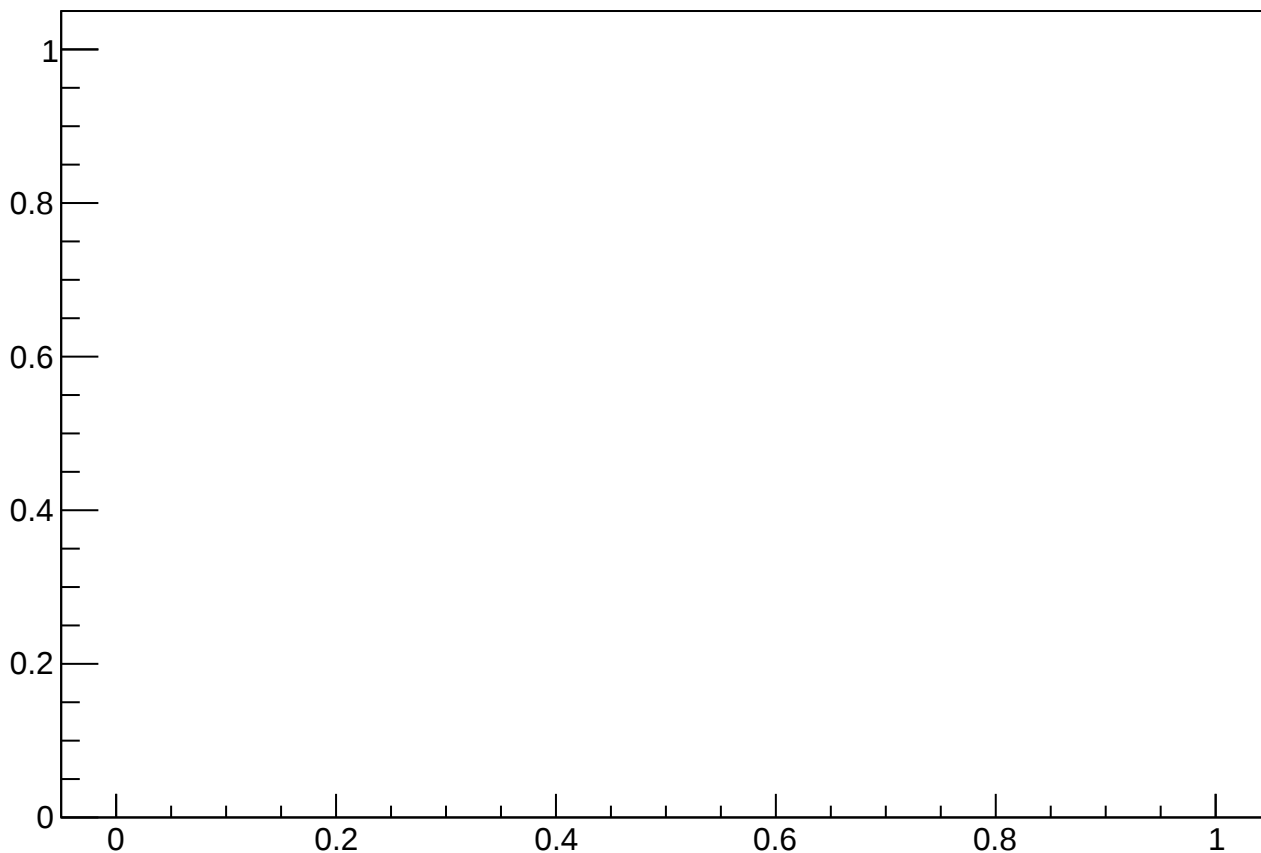
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

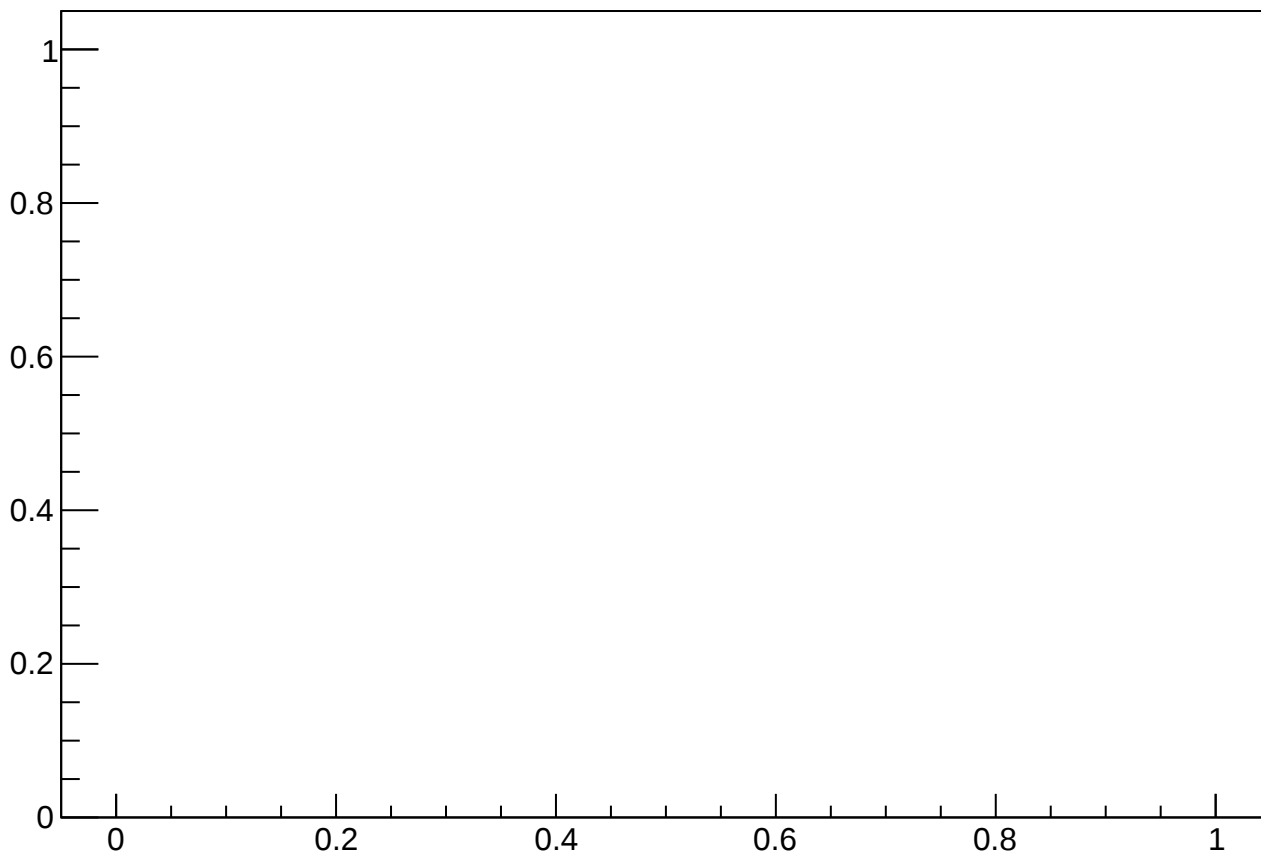
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

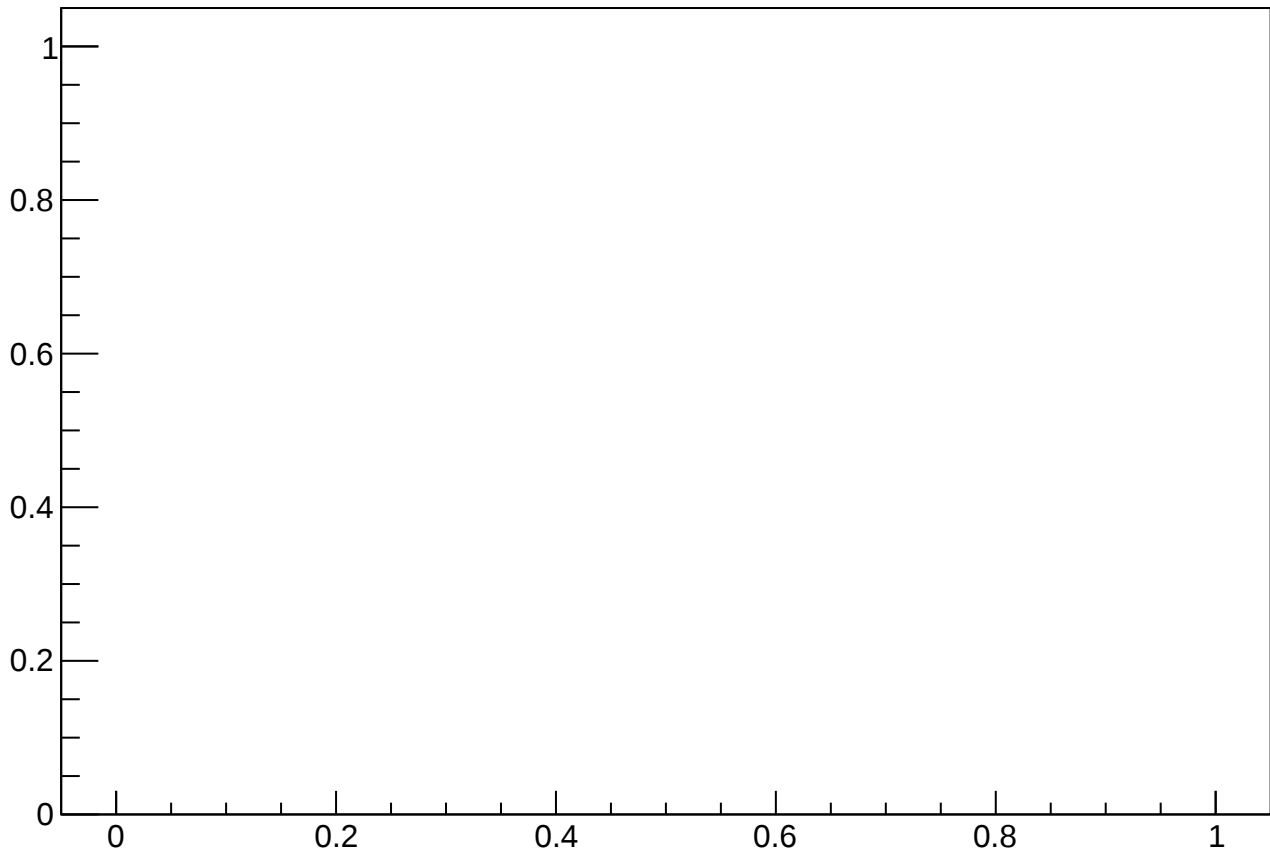
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

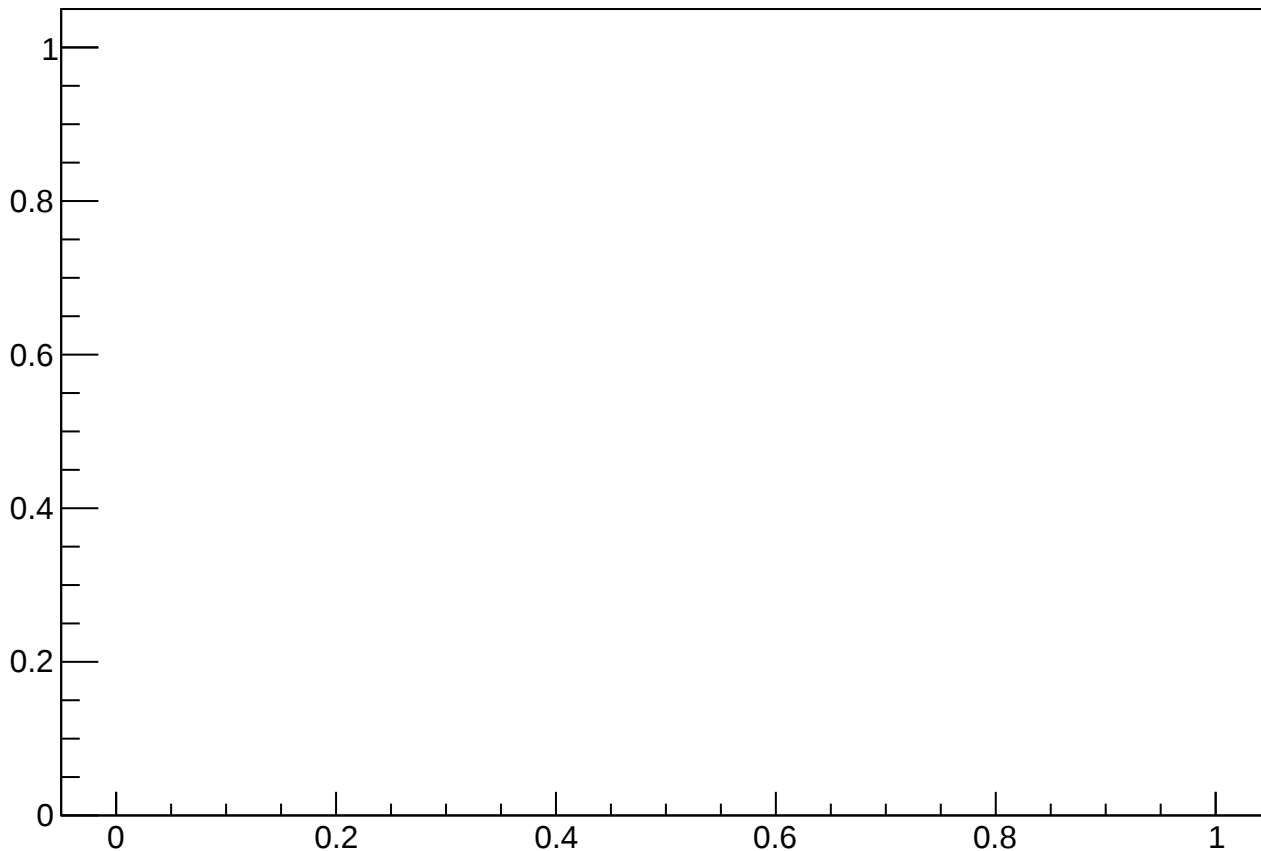
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

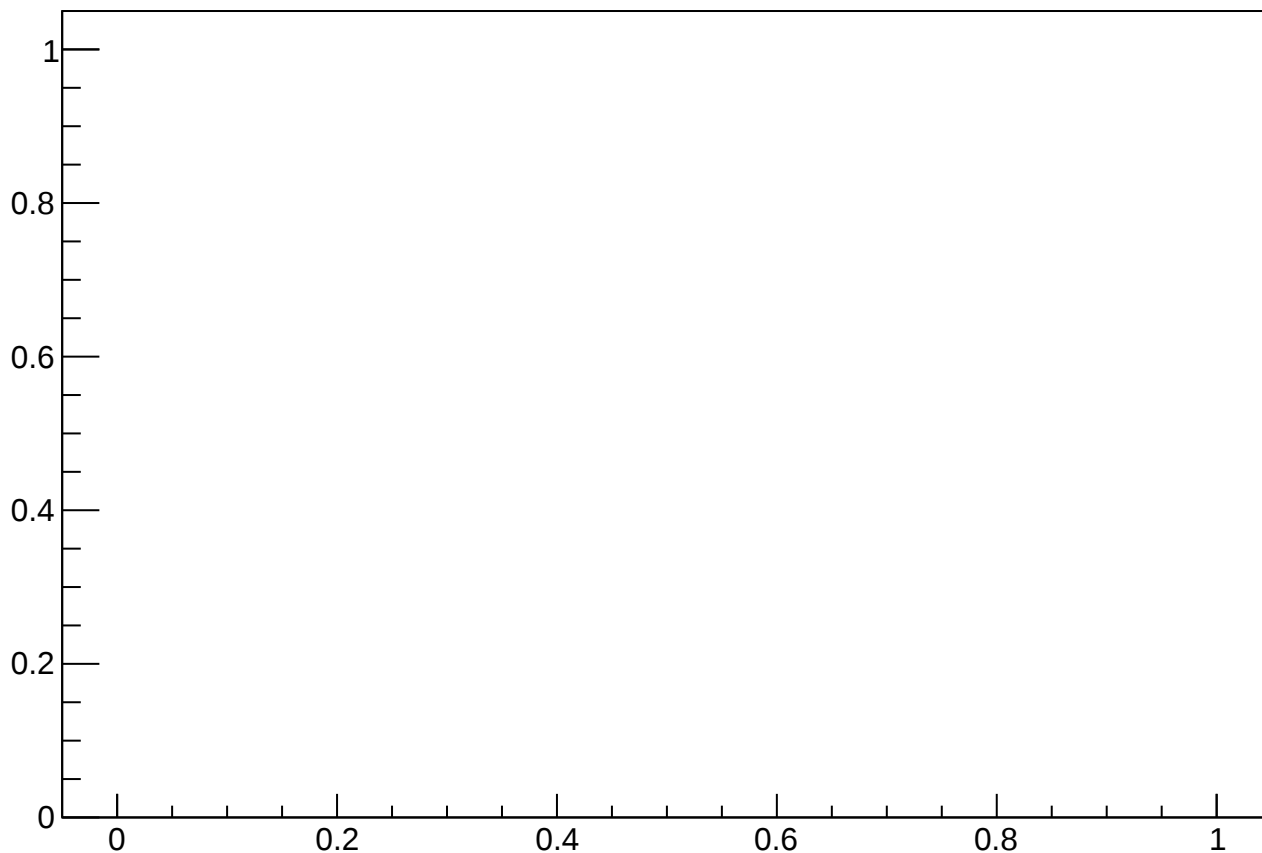
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

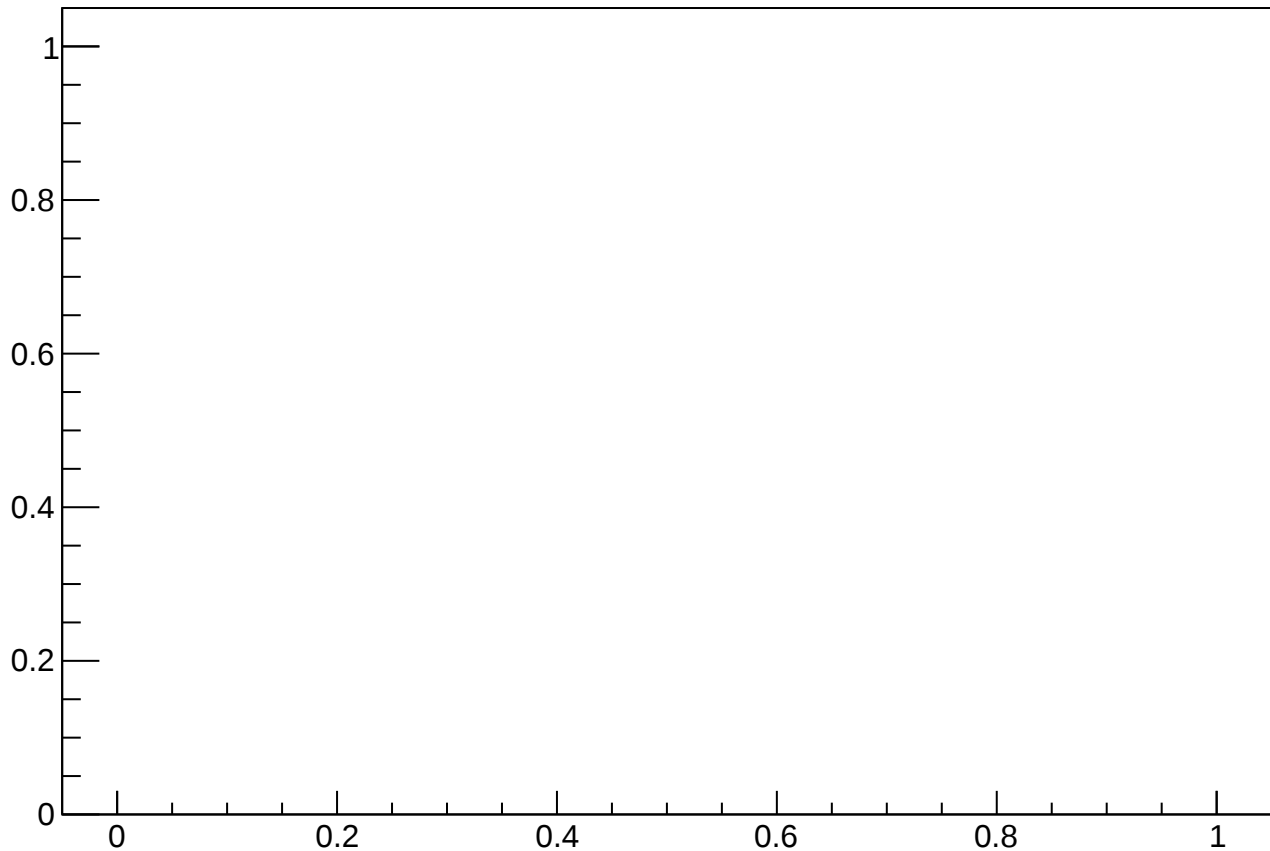
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

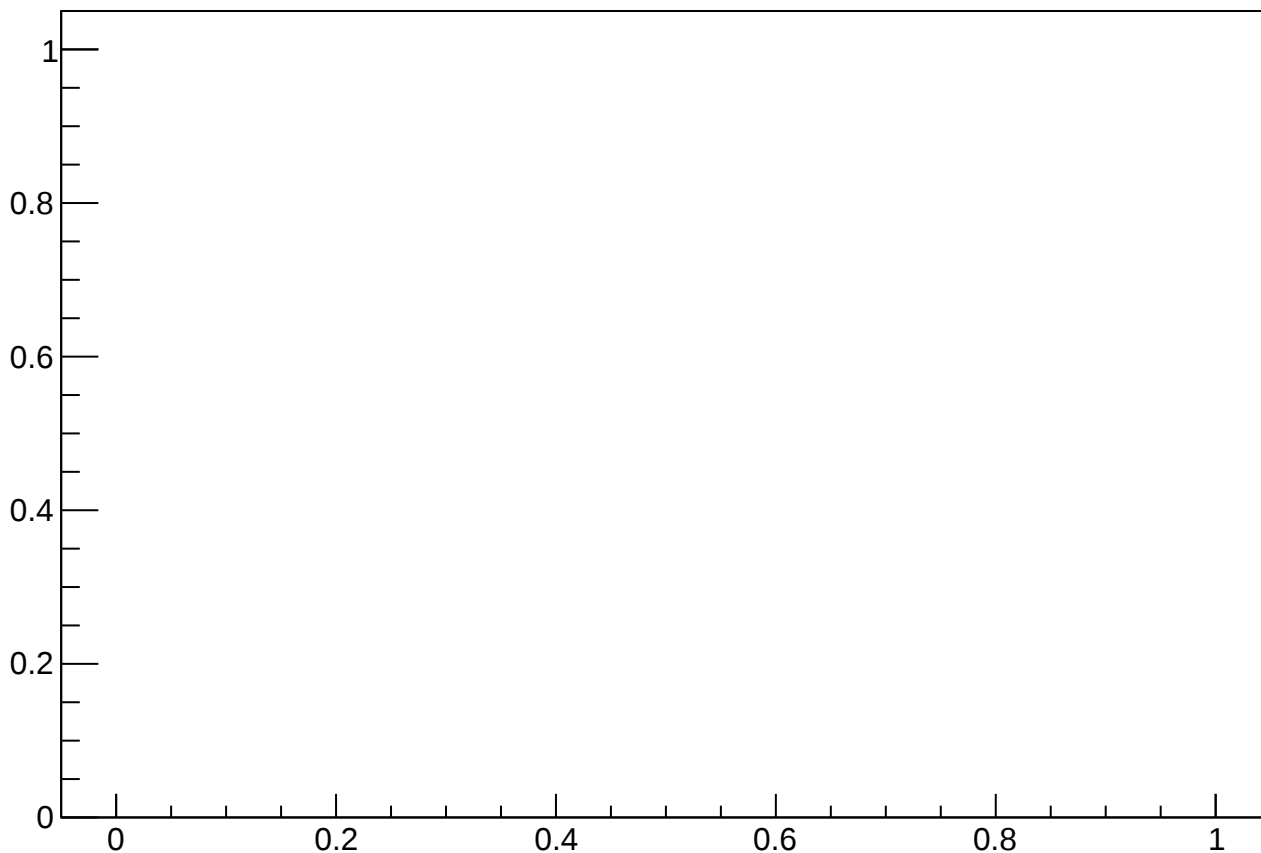
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

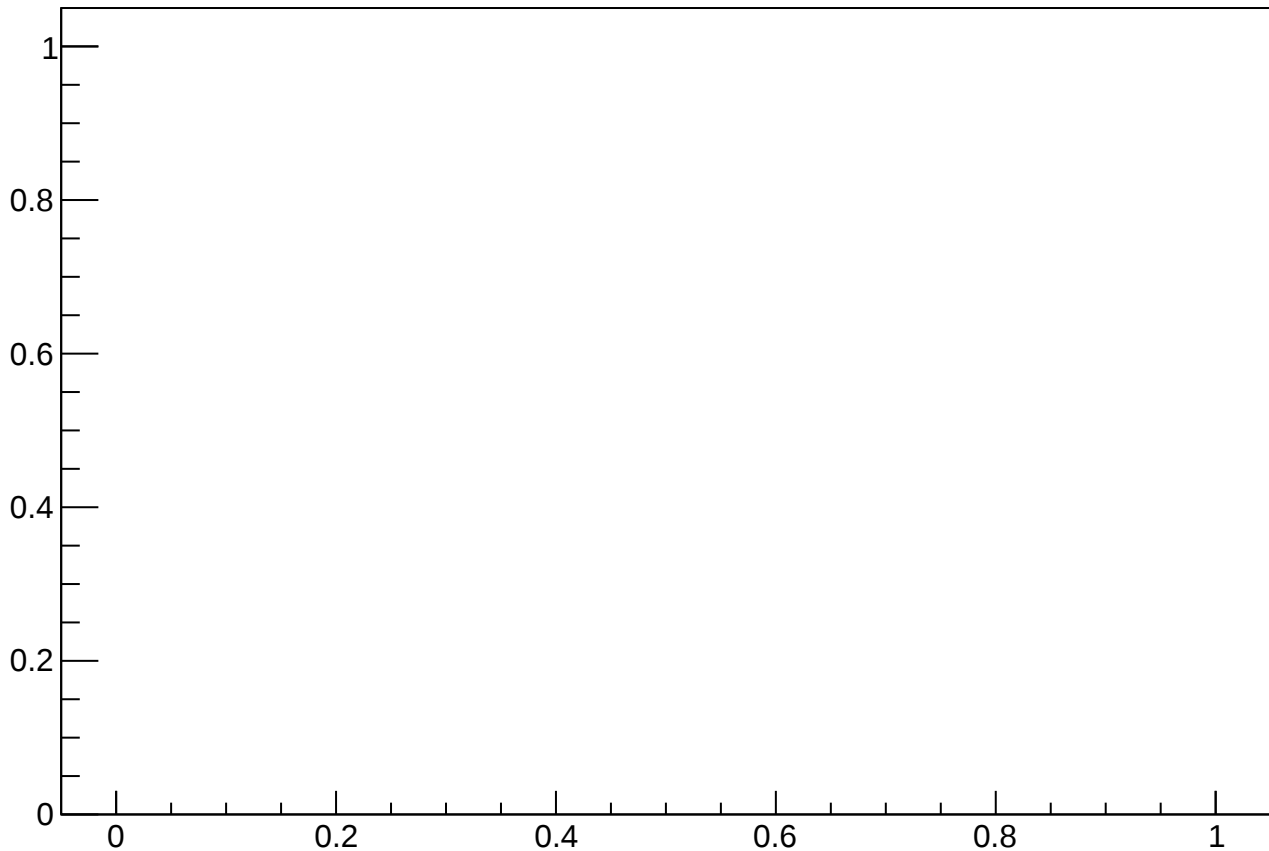
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

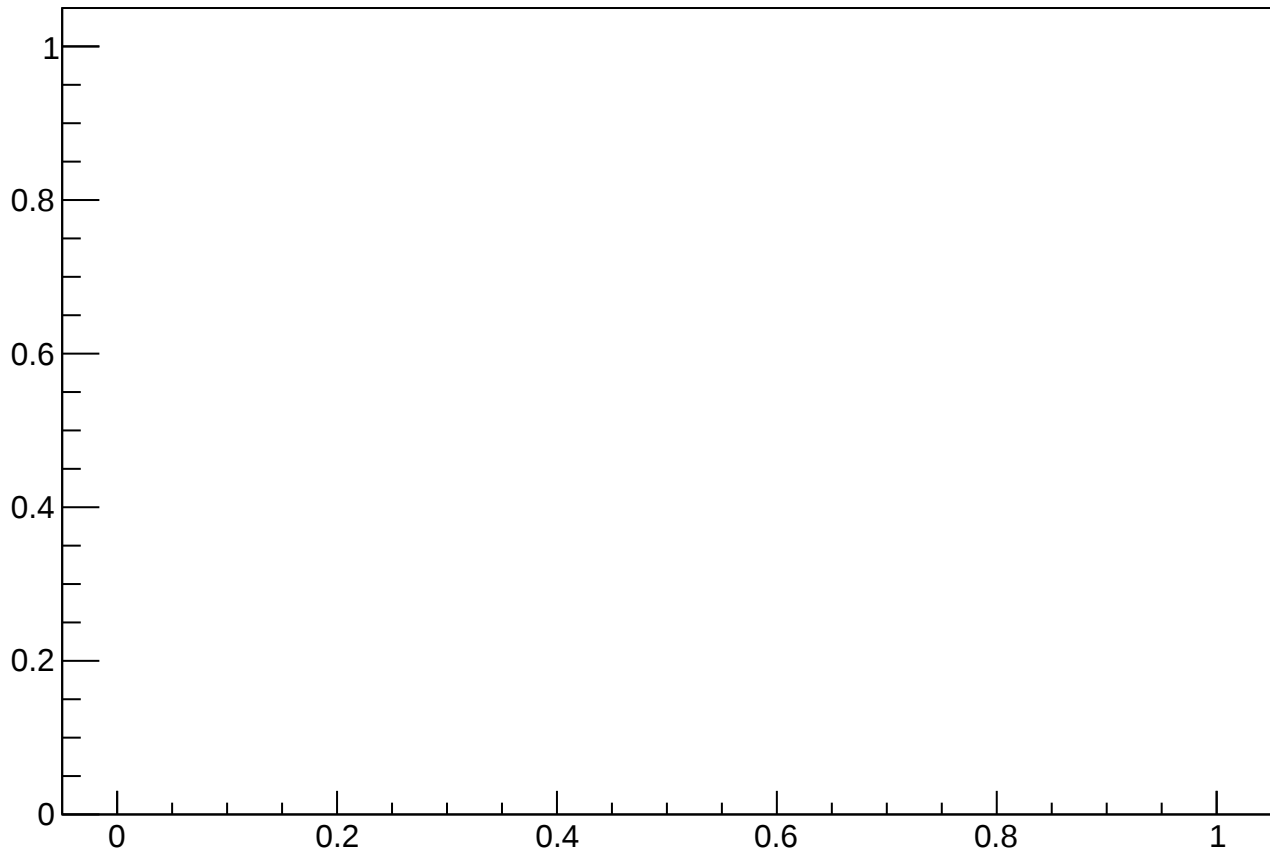
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

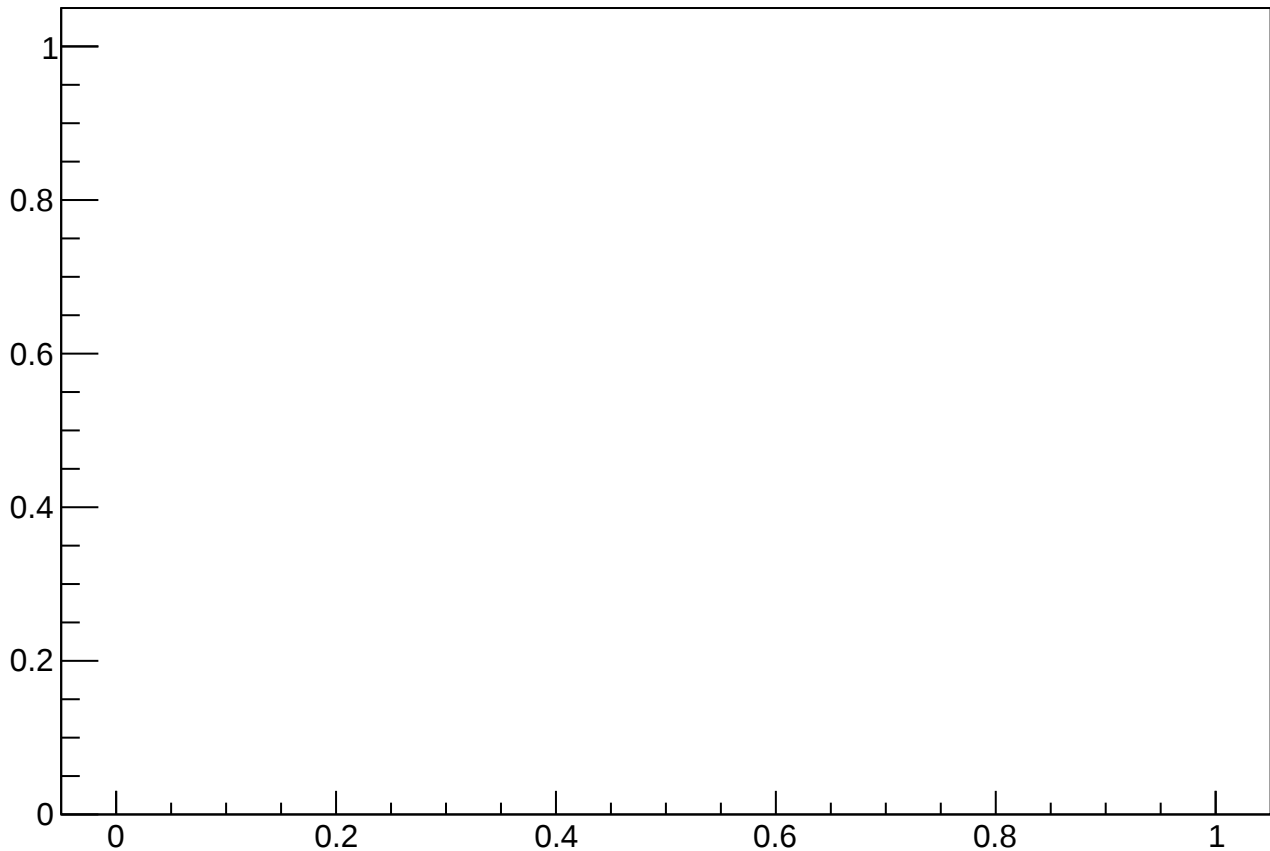
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

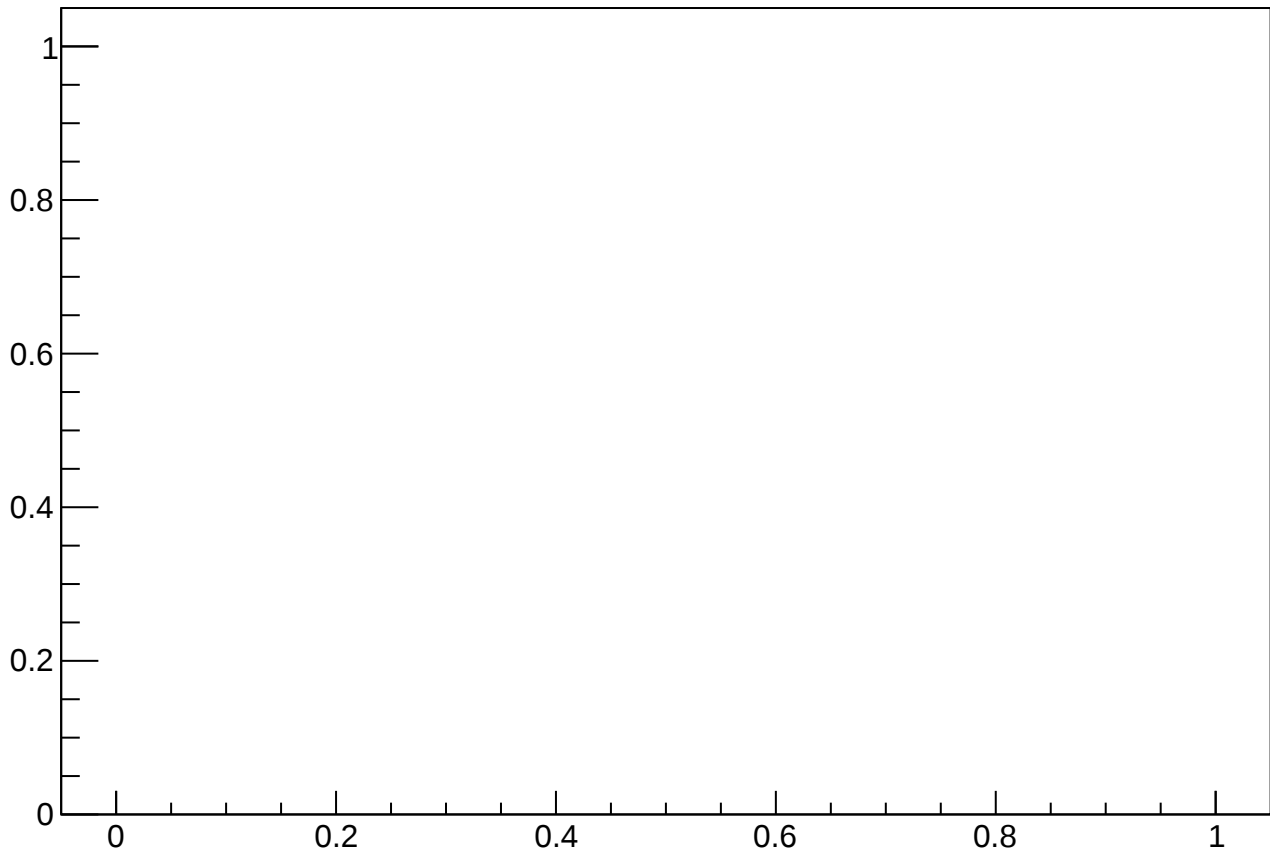
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

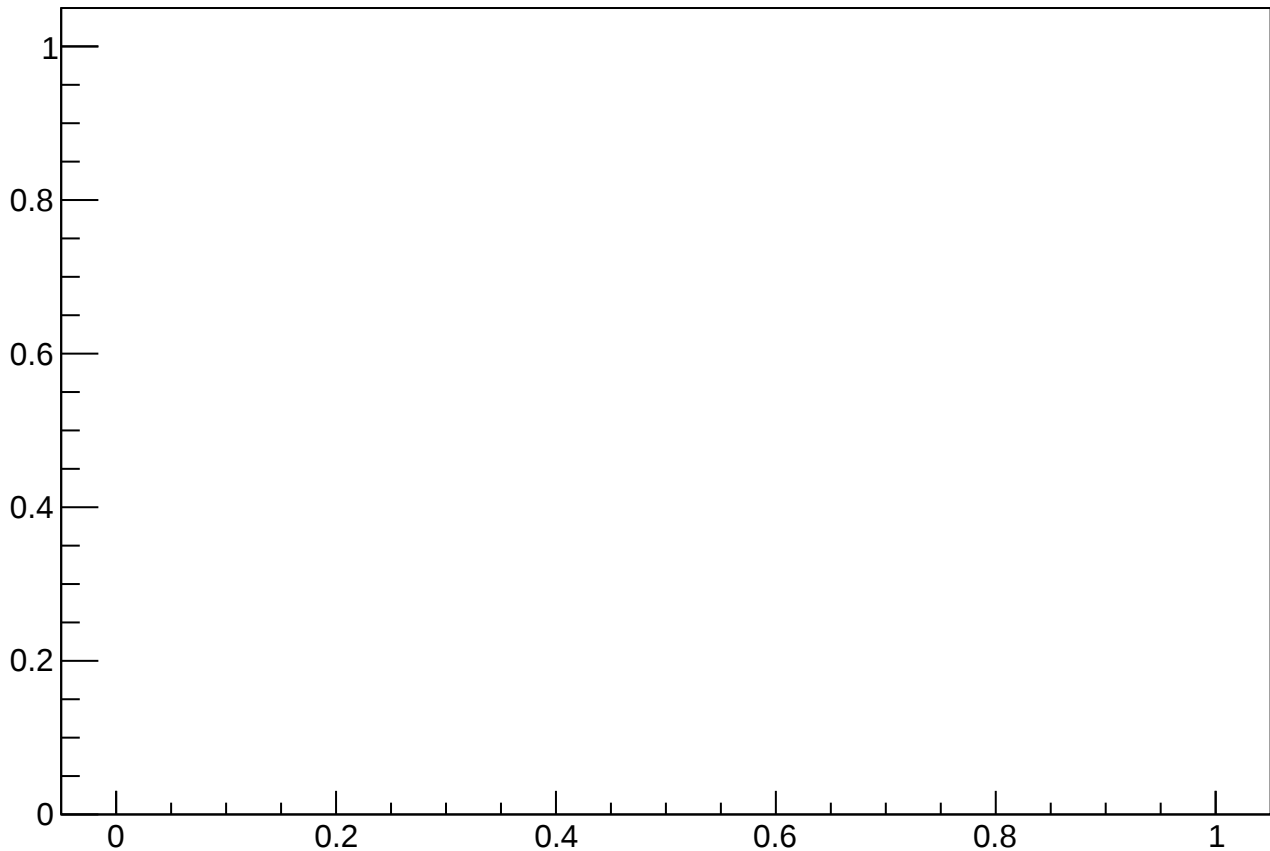
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

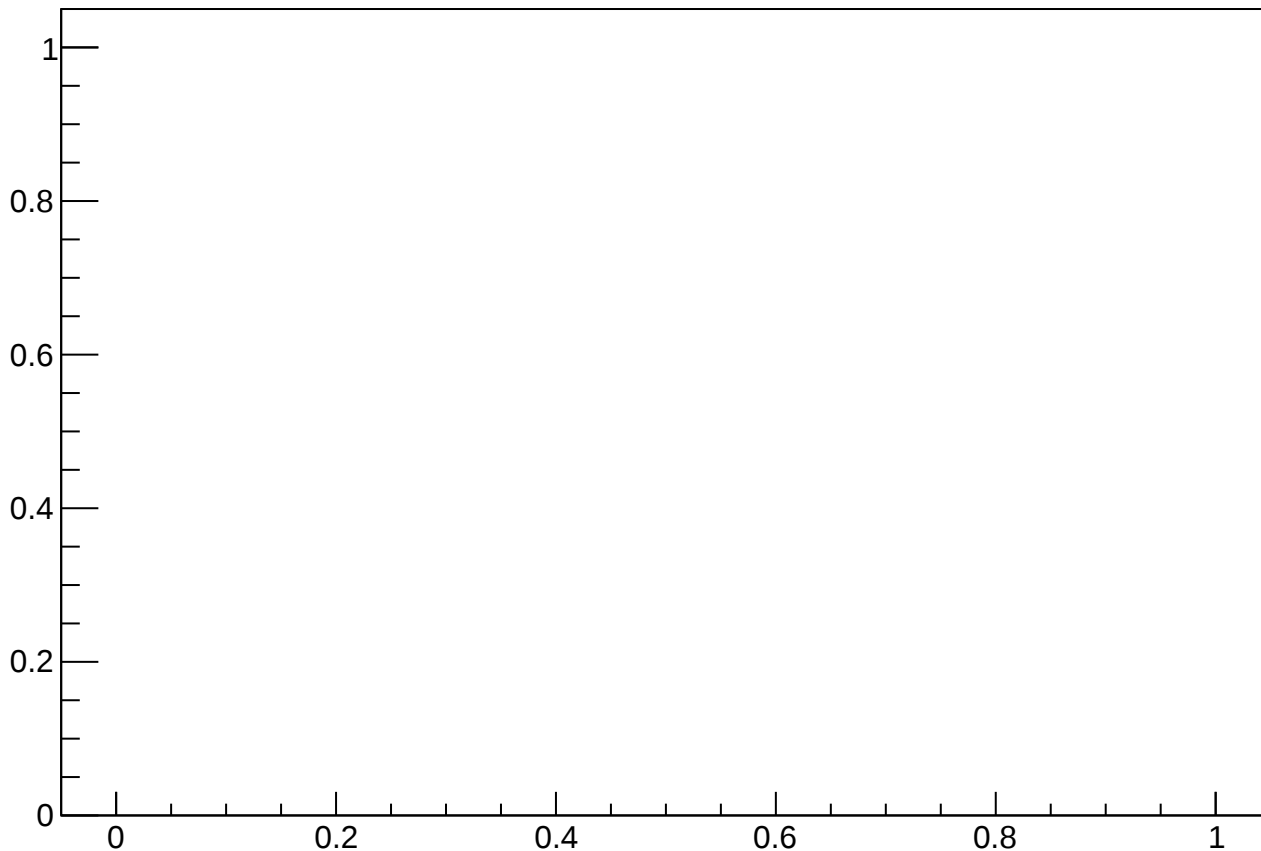
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

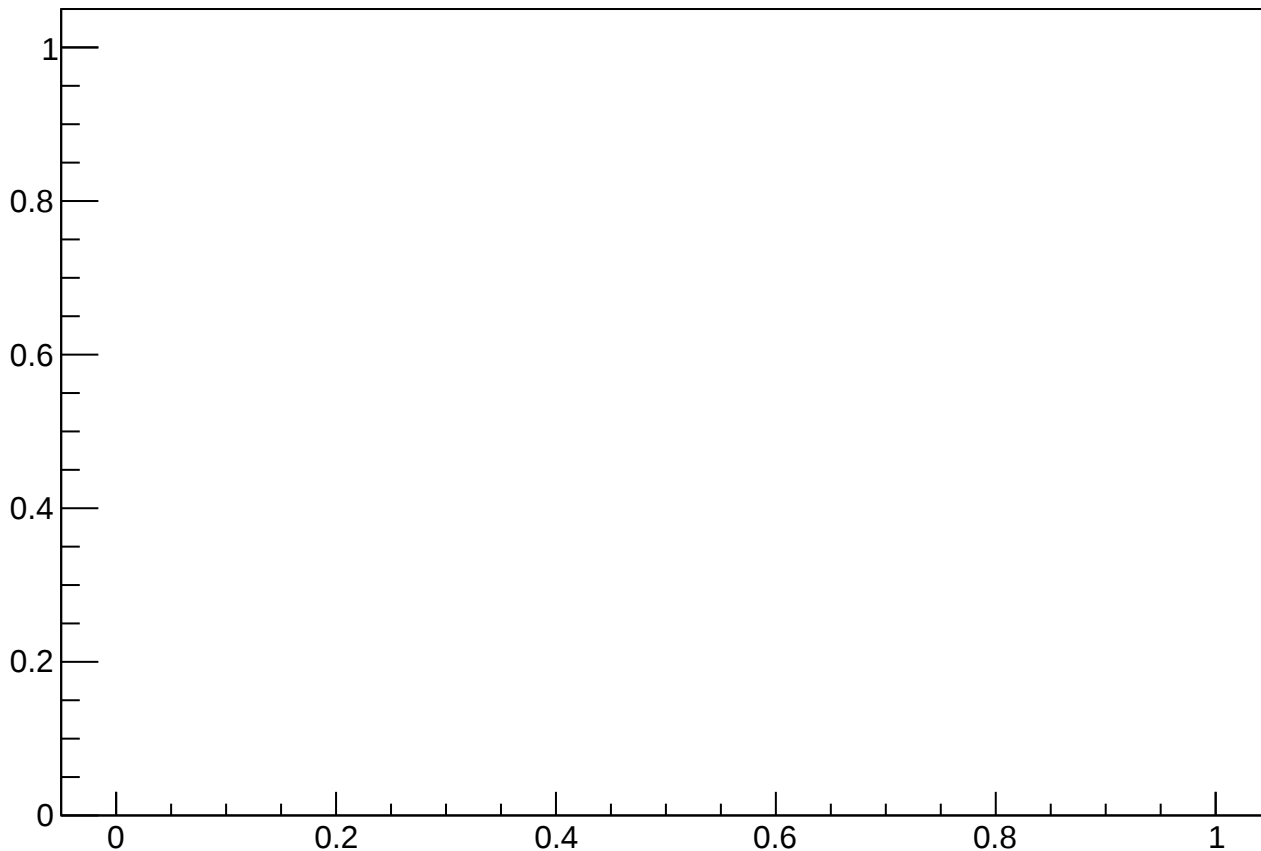
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

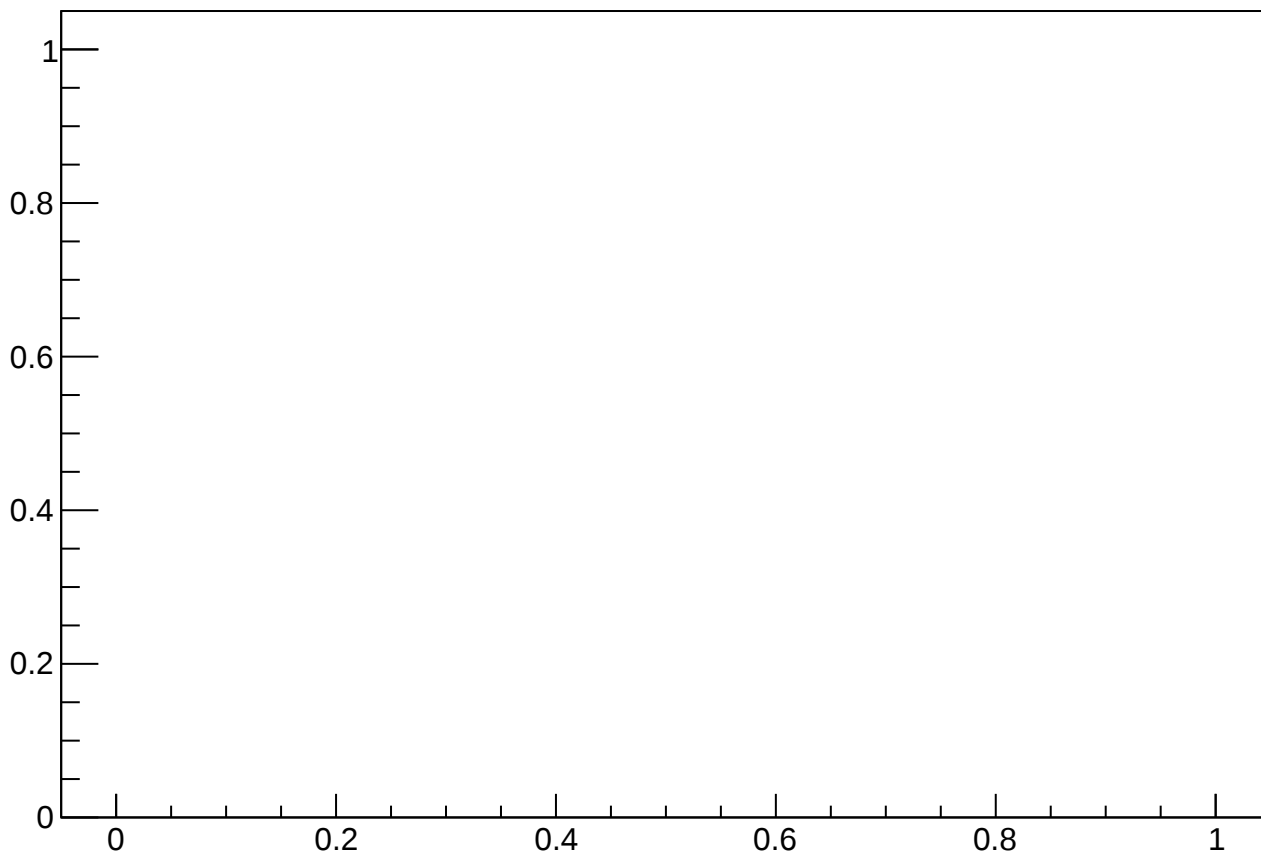
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

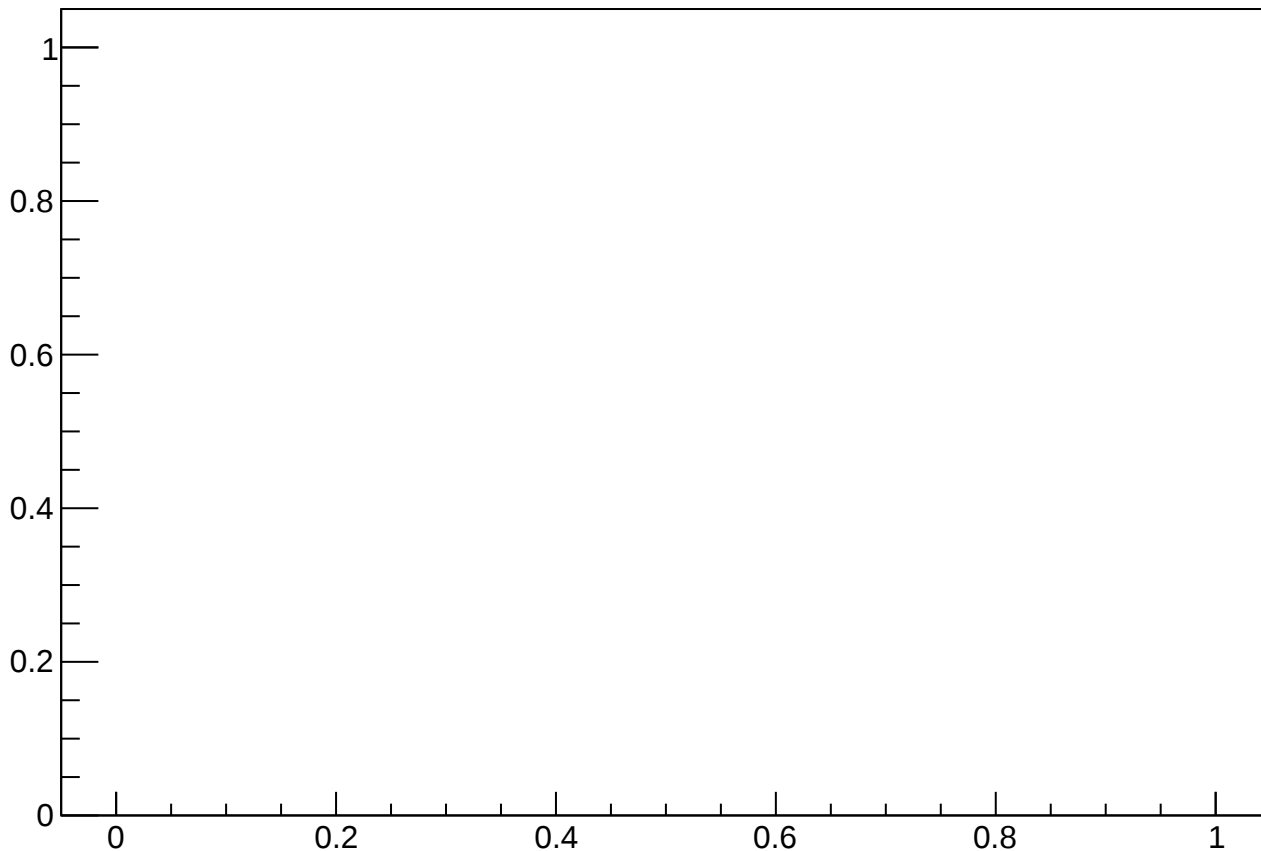
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

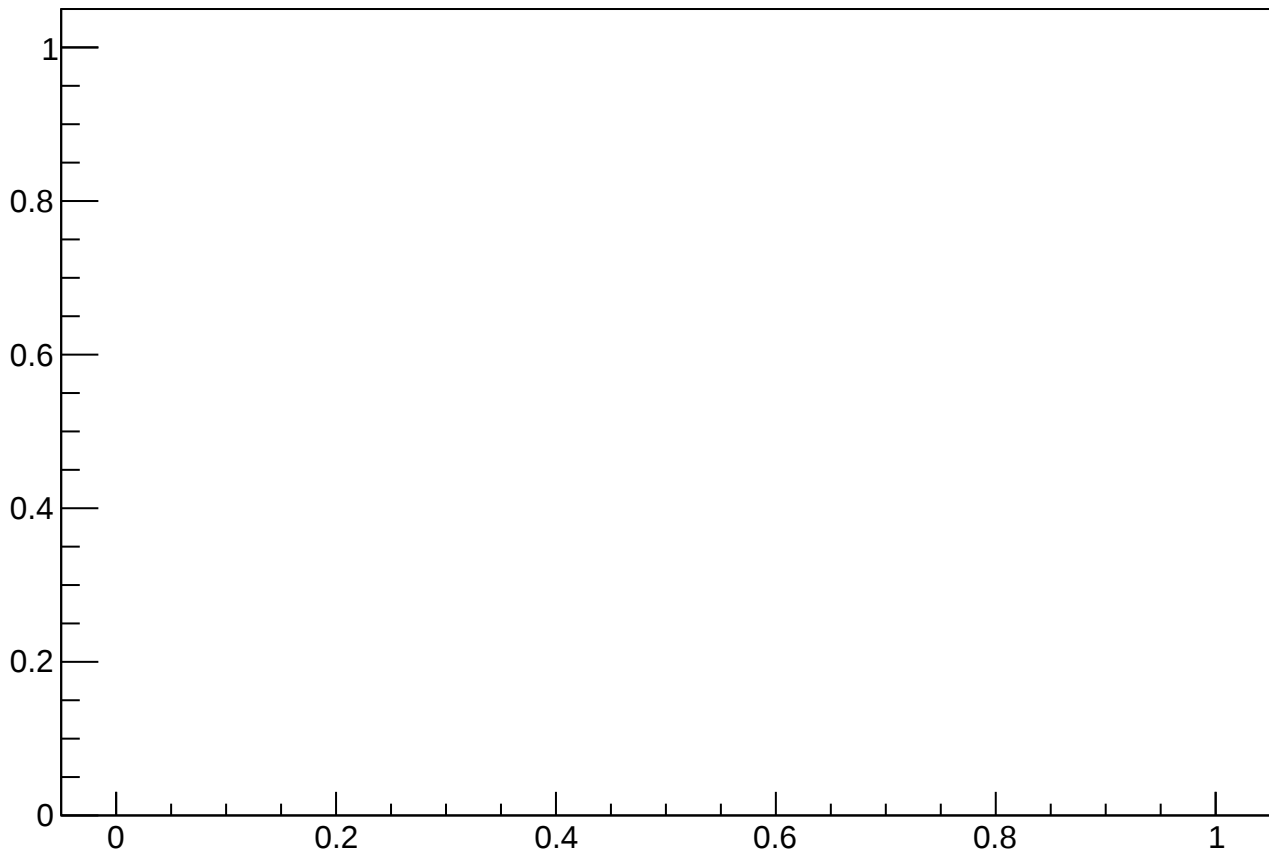
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

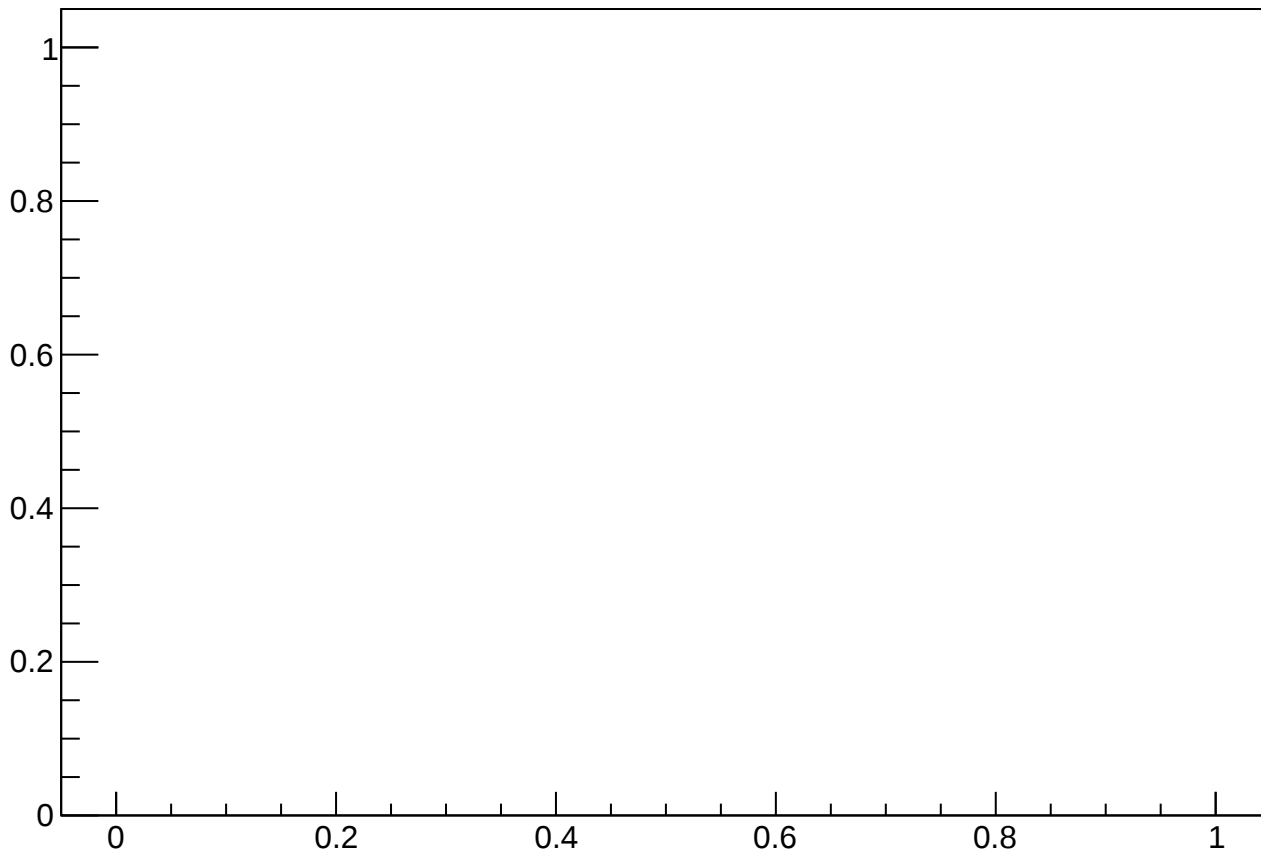
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

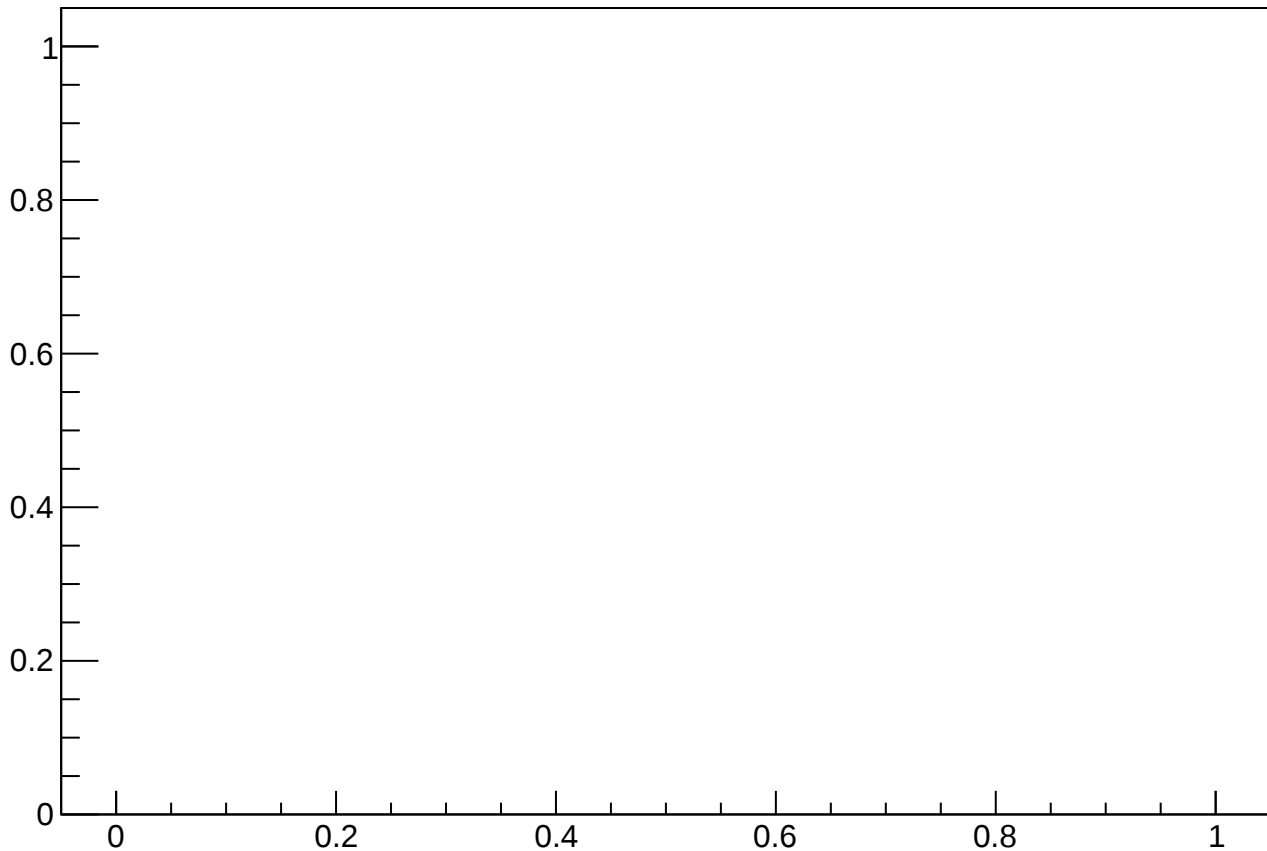
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

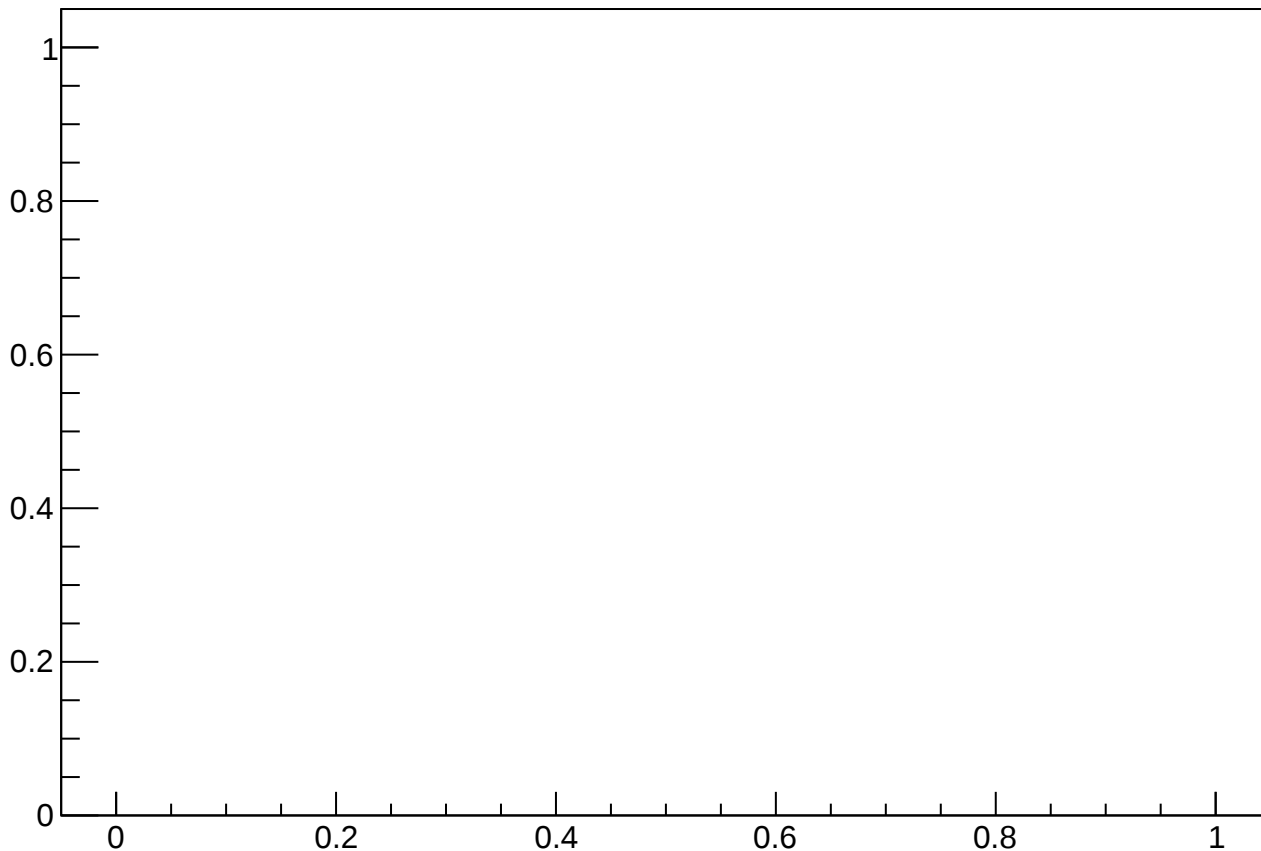
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

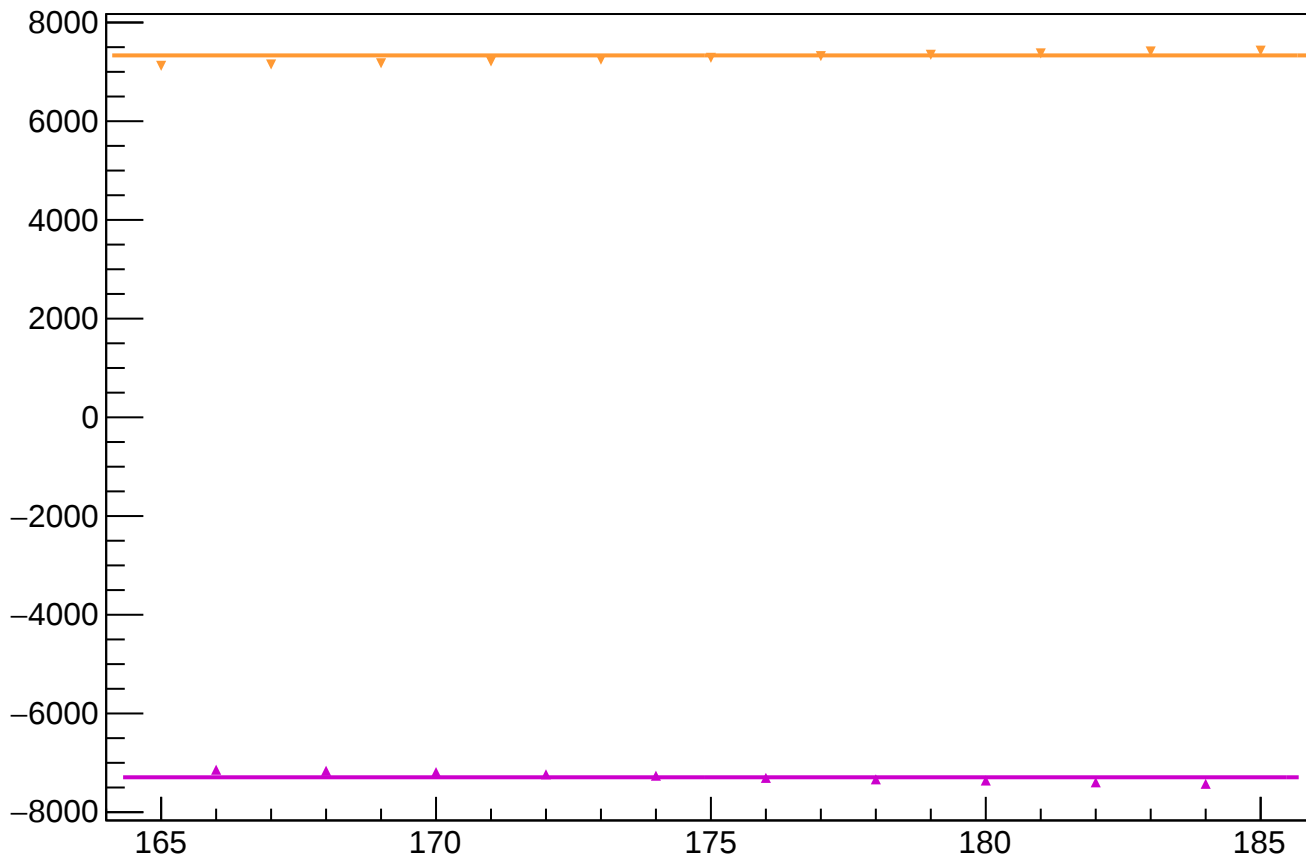
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



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

Left: 1721.015+/-0.080 χ^2/NDF : 7923721151.2/20

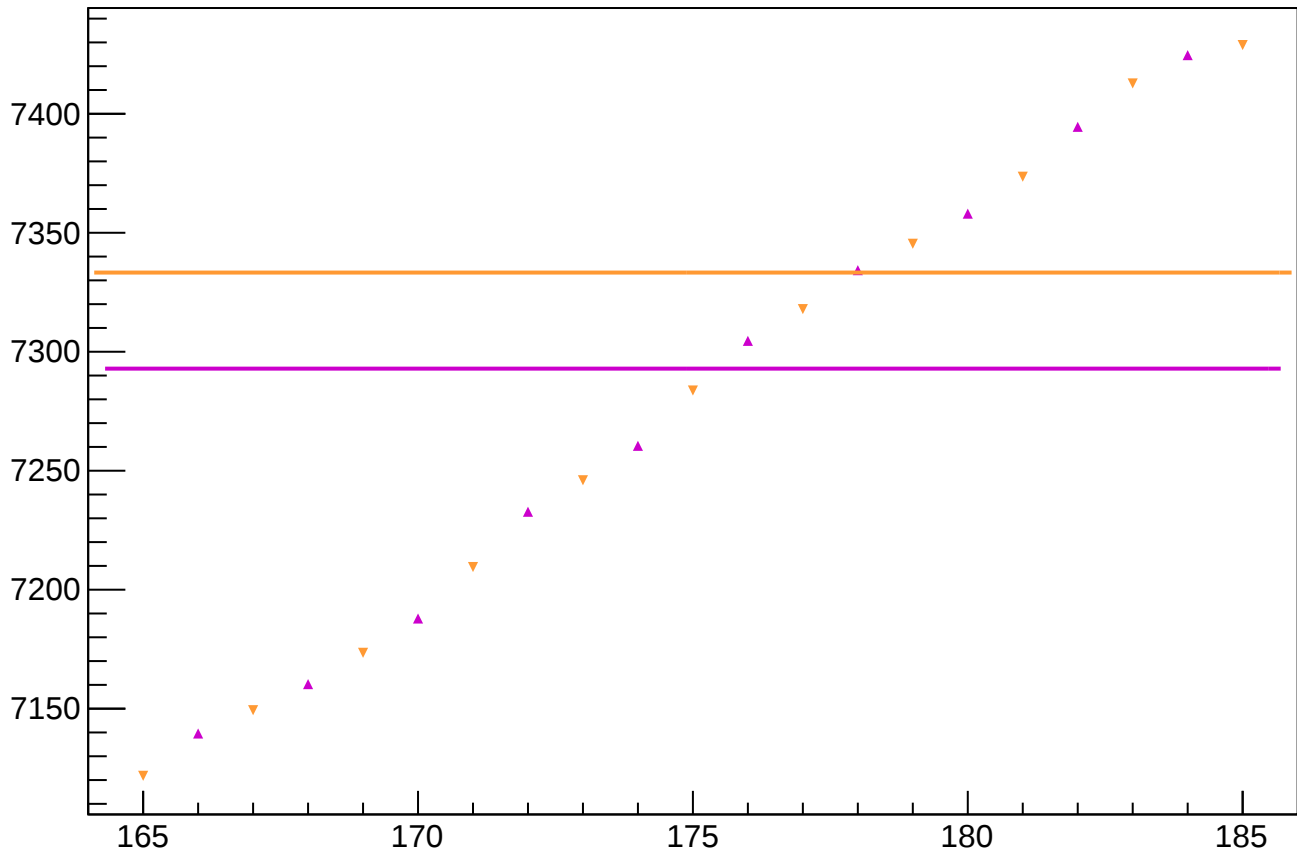
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7292.906+/-0.129 χ^2/NDF :644387.7/9

Out: 7333.280+/-0.102 χ^2/NDF :1054081.7/10

All: 1721.015+/-0.080 χ^2/NDF : 7923721151.2/20

dit_run_rms vs Slug, Sign Corrected



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

Left: 7317.788+/-0.080 χ^2/NDF : 1758834.0/20

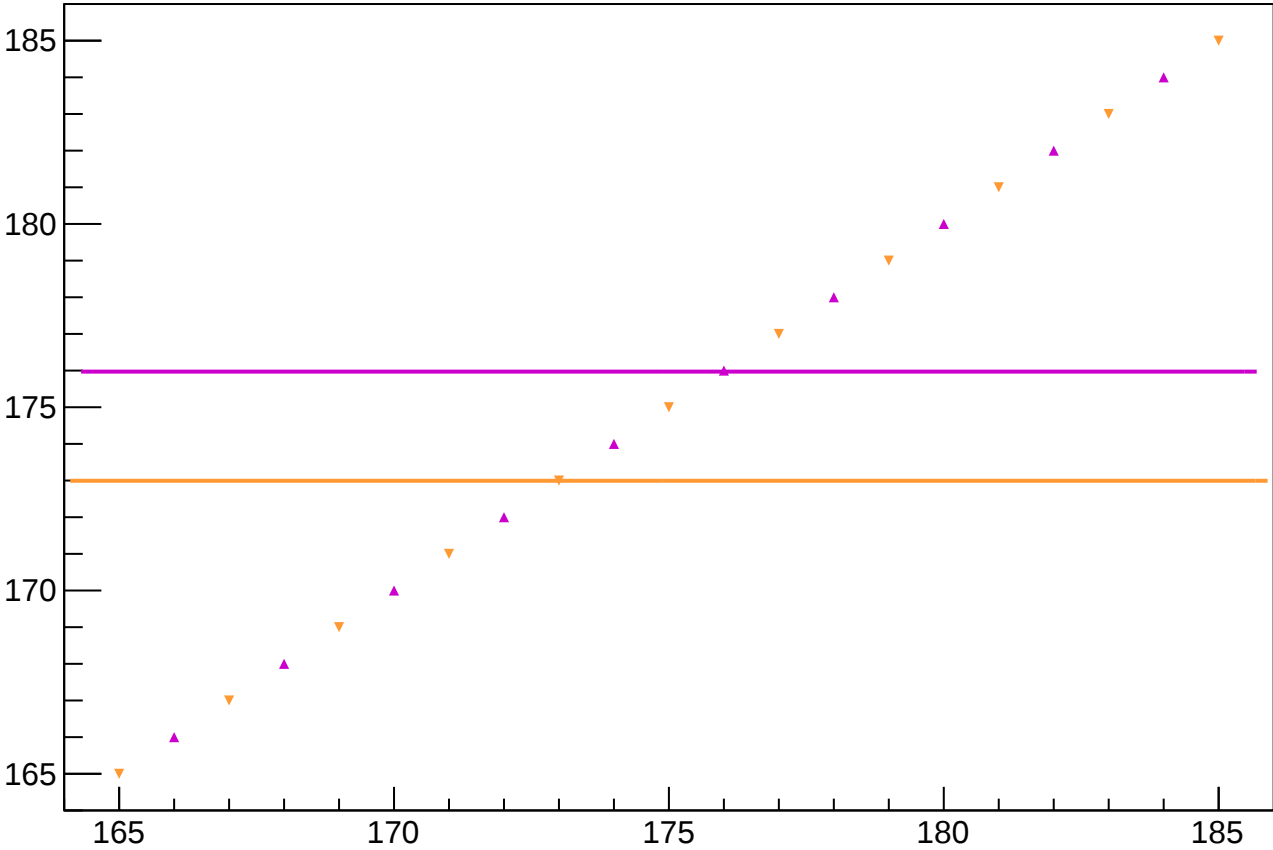
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7292.906+/-0.129 χ^2/NDF :644387.7/9

Out: 7333.280+/-0.102 χ^2/NDF :1054081.7/10

All: 7317.788+/-0.080 χ^2/NDF : 1758834.0/20

dit_slug_slope vs Slug, Sign Corrected



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

Left: 174.832+/-0.000 χ^2 /NDF: 3983983231025886

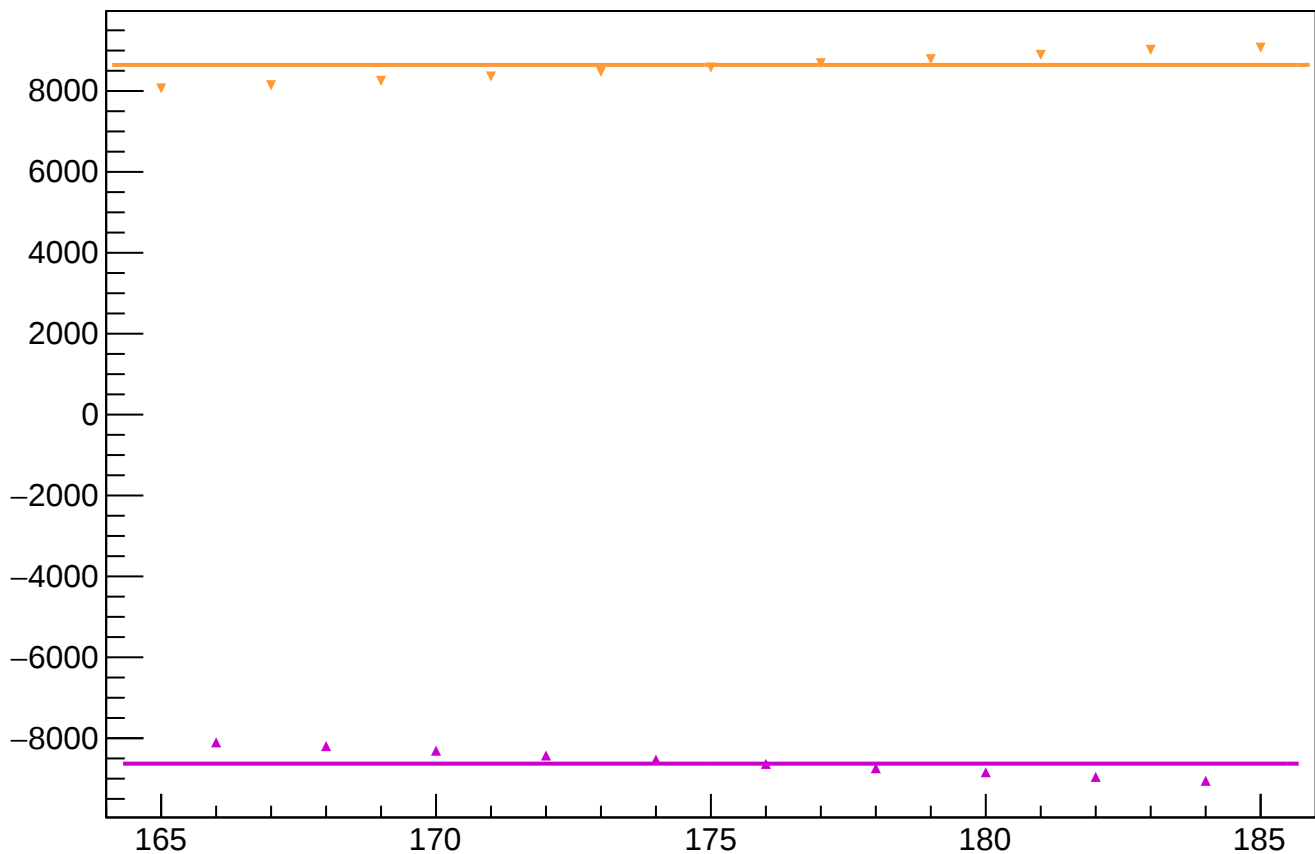
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 175.972+/-0.000 χ^2 /NDF:16503728402046989

Out: 172.994+/-0.000 χ^2 /NDF:2124798675715082

All: 174.832+/-0.000 χ^2 /NDF: 398398323102

dit_cyclenum_mean vs Slug, Sign Corrected



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

Left: 535.958+/-0.325 χ^2/NDF : 706730561.0/20

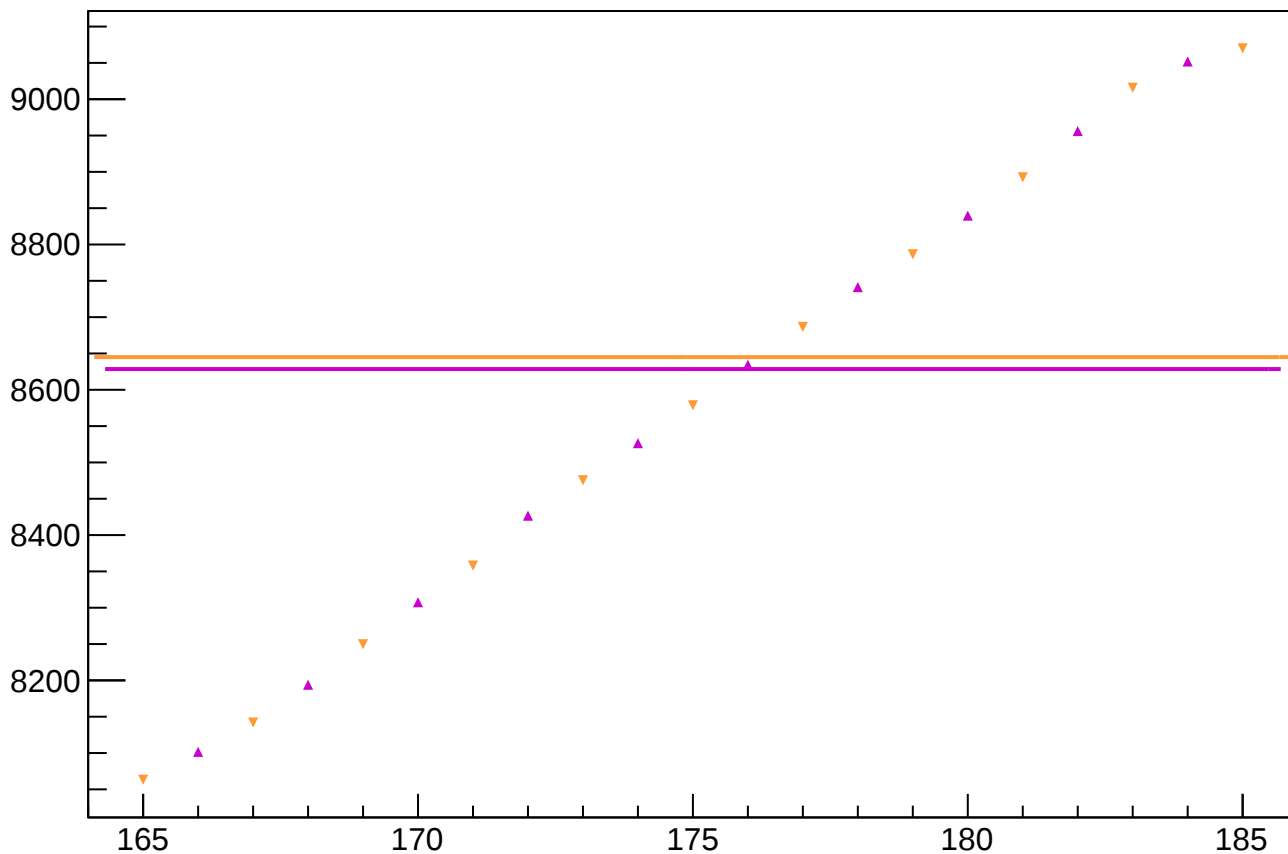
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8628.552+/-0.474 χ^2/NDF : 525548.8/9

Out: 8645.021+/-0.446 χ^2/NDF : 648424.9/10

All: 535.958+/-0.325 χ^2/NDF : 706730561.0/20

dit_cyclenum_rms vs Slug, Sign Corrected



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

Left: 8637.290+/-0.325 χ^2/NDF : 1174615.1/20

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8628.552+/-0.474 χ^2/NDF : 525548.8/9

Out: 8645.021+/-0.446 χ^2/NDF : 648424.9/10

All: 8637.290+/-0.325 χ^2/NDF : 1174615.1/20

dit_scandata1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

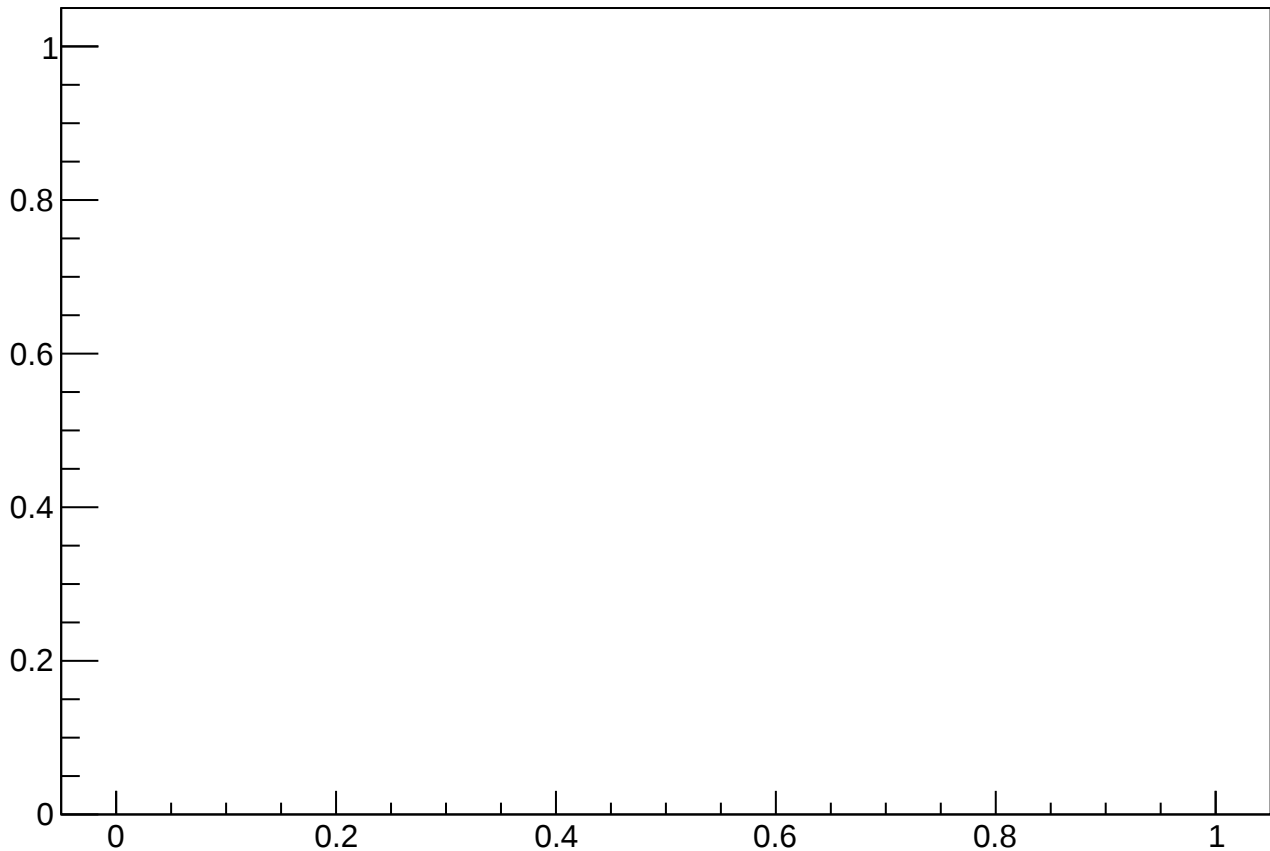
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

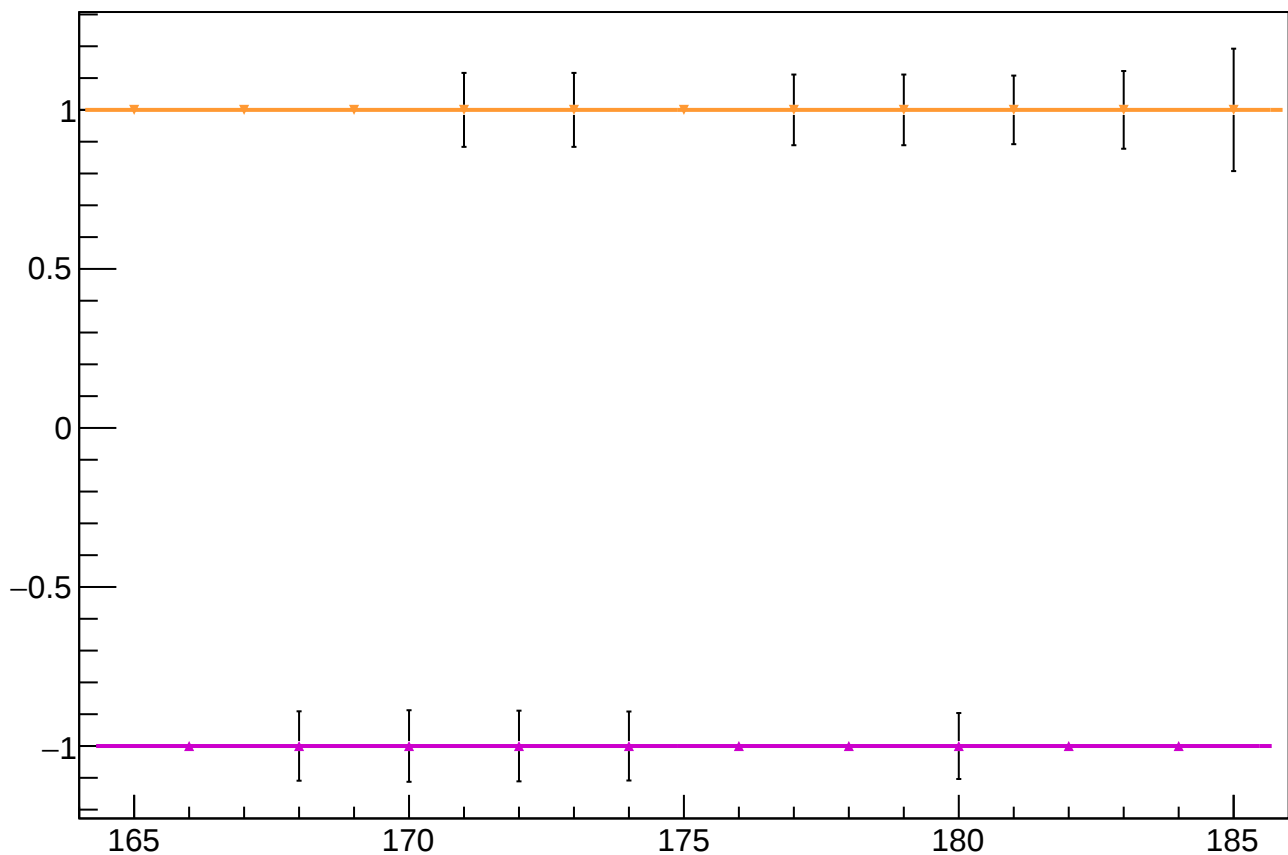
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

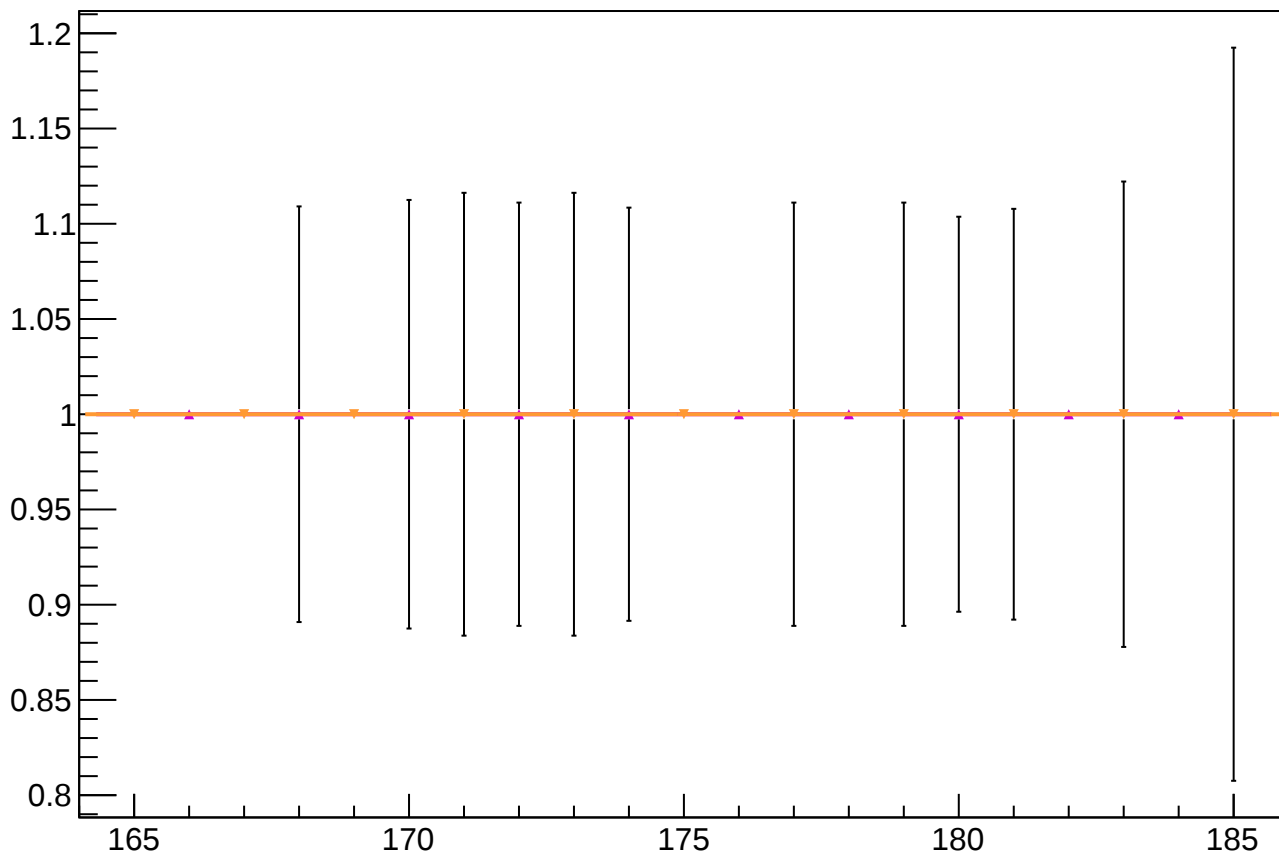
dit_flag_mean vs Slug, Sign Corrected



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

Left: -0.013+/-0.000 χ^2/NDF : 19427499687372488
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.000+/-0.000 χ^2/NDF :120.2/9
 Out: 1.000+/-0.000 χ^2/NDF :1479.0/10
 All: -0.013+/-0.000 χ^2/NDF : 1942749968737

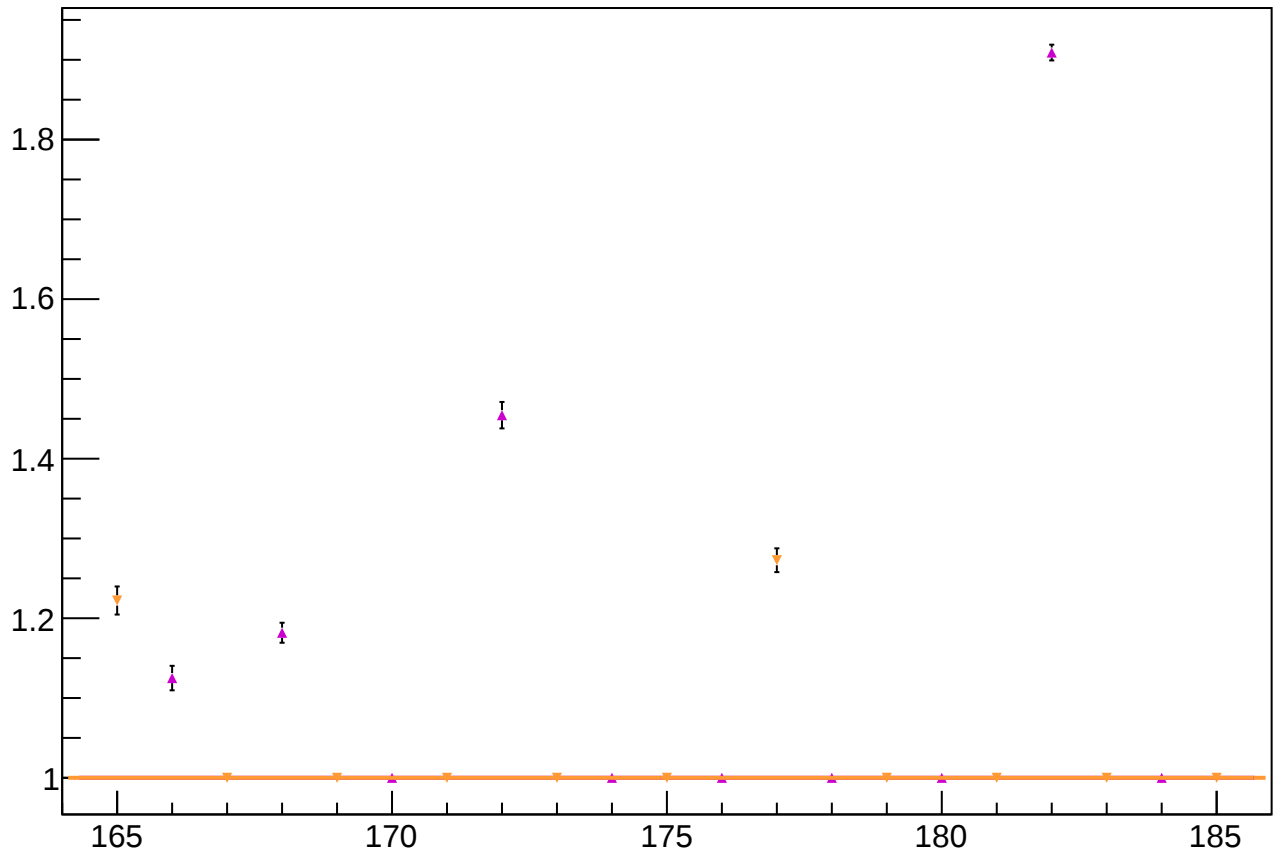
dit_flag_rms vs Slug, Sign Corrected



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

Left: 1.000+/-0.000 χ^2/NDF : 610.0/20
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 1.000+/-0.000 χ^2/NDF :120.2/9
Out: 1.000+/-0.000 χ^2/NDF :1479.0/10
All: 1.000+/-0.000 χ^2/NDF : 610.0/20

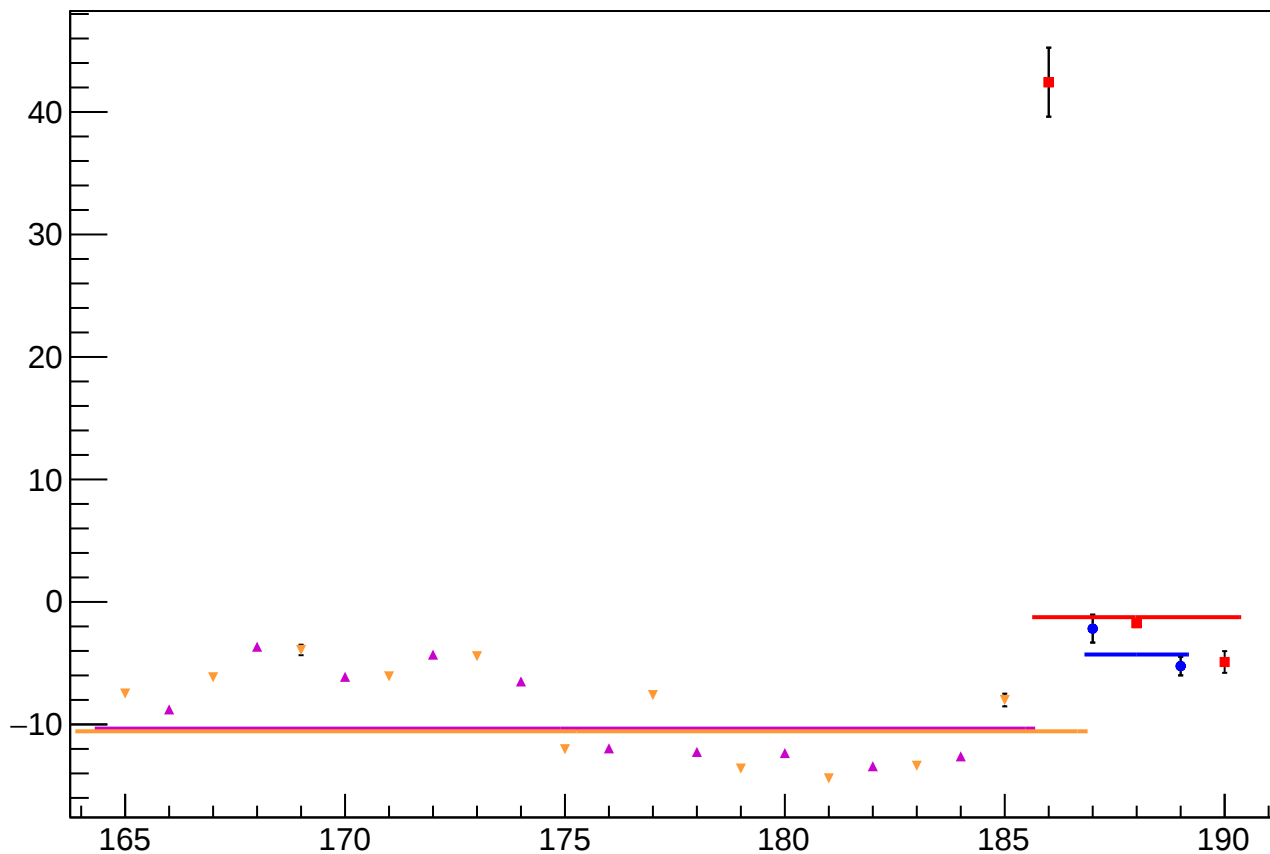
dit_segment_slope vs Slug, Sign Corrected



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

Left: 1.000+/-0.000 χ^2/NDF : 24391.7/20
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 1.000+/-0.000 χ^2/NDF :11158.2/9
Out: 1.000+/-0.000 χ^2/NDF :8141.6/10
All: 1.000+/-0.000 χ^2/NDF : 24391.7/20

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



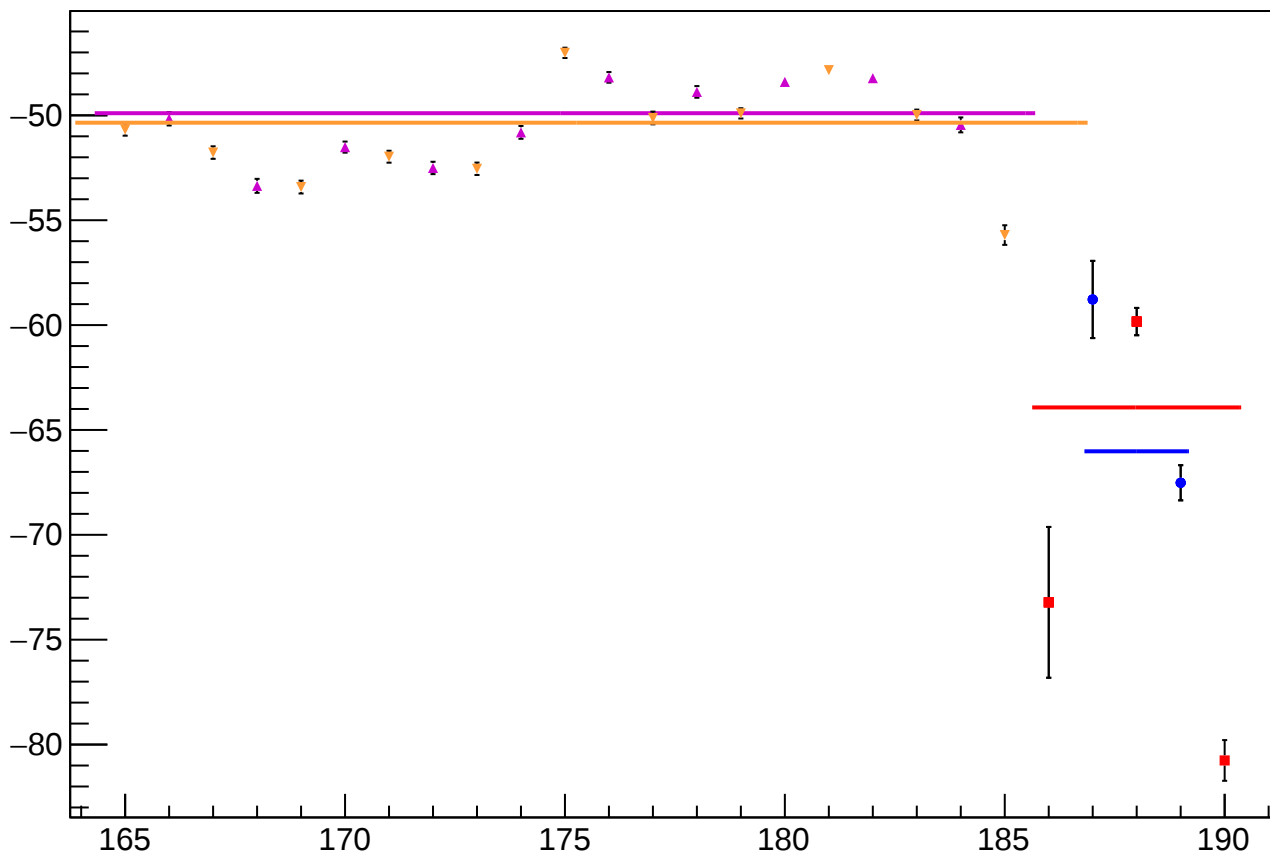
Right In: -4.292 ± 0.447 $\chi^2/\text{NDF}: 10.0/3$
 Left Out: -10.561 ± 0.092 $\chi^2/\text{NDF}: 1642.2/10$
 Right Out: -1.244 ± 0.261 $\chi^2/\text{NDF}: 500.8/4$
 Left In: -10.341 ± 0.095 $\chi^2/\text{NDF}: 1228.9/9$

Left: -10.455 ± 0.066 $\chi^2/\text{NDF}: 2873.8/20$
 Right: -2.022 ± 0.226 $\chi^2/\text{NDF}: 545.4/8$

In: -10.079 ± 0.093 $\chi^2/\text{NDF}: 1414.3/13$
 Out: -9.539 ± 0.087 $\chi^2/\text{NDF}: 3273.3/15$

All: -9.790 ± 0.063 $\chi^2/\text{NDF}: 4705.6/29$

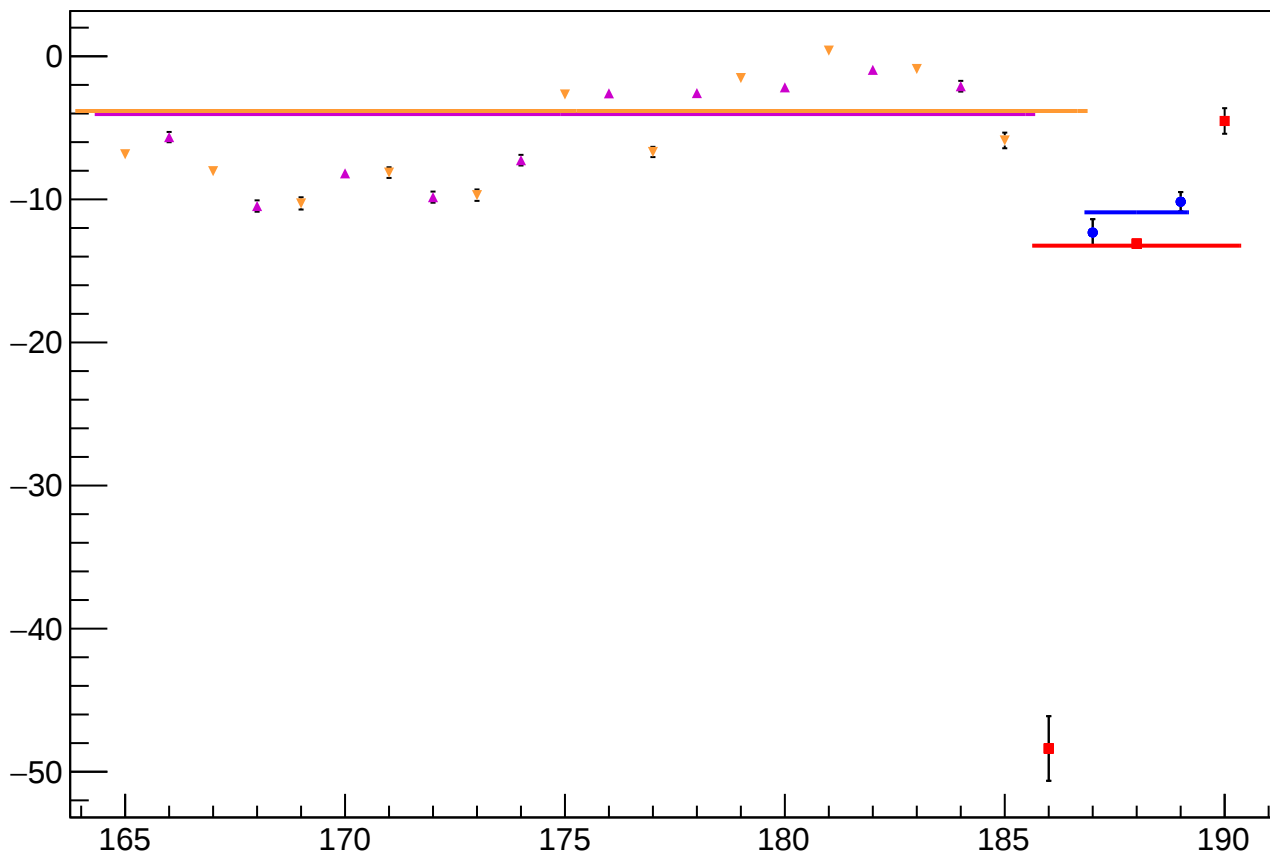
reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -50.133 ± 0.061 χ^2/NDF : 1065.9/20
 Right: -64.694 ± 0.327 χ^2/NDF : 440.1/8
 In: -50.312 ± 0.087 χ^2/NDF : 1299.5/13
 Out: -50.898 ± 0.082 χ^2/NDF : 2103.4/15
 All: -50.619 ± 0.060 χ^2/NDF : 3426.9/29

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.905 ± 0.388 χ^2/NDF : 7.0/3

Left Out: -3.824 ± 0.093 χ^2/NDF : 1520.0/10

Right Out: -13.235 ± 0.215 χ^2/NDF : 579.3/4

Left In: -4.039 ± 0.097 χ^2/NDF : 1058.8/9

Left: -3.927 ± 0.067 χ^2/NDF : 2581.4/20

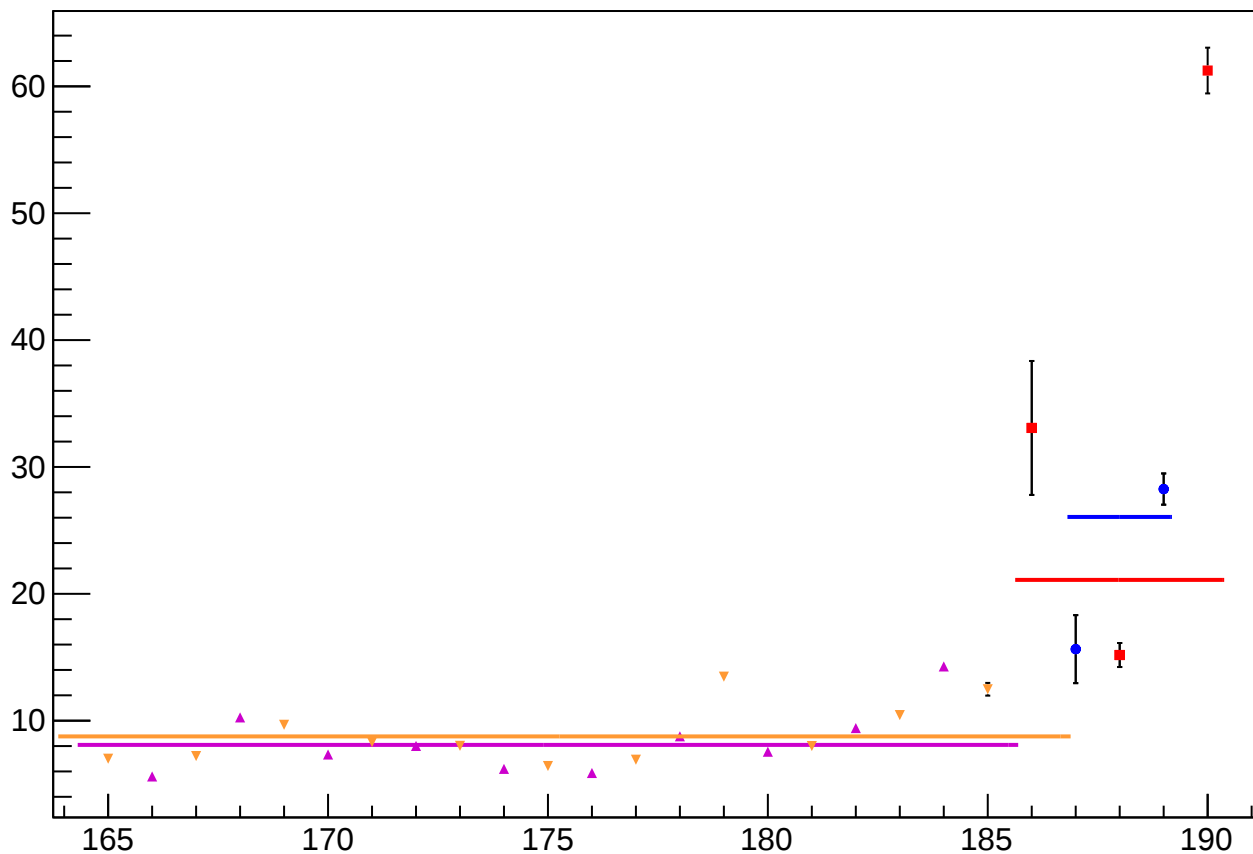
Right: -12.689 ± 0.188 χ^2/NDF : 613.9/8

In: -4.440 ± 0.094 χ^2/NDF : 1361.3/13

Out: -5.318 ± 0.086 χ^2/NDF : 3717.4/15

All: -4.919 ± 0.063 χ^2/NDF : 5126.6/29

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 8.440 $\pm$ 0.065 χ^2 /NDF: 1117.8/20

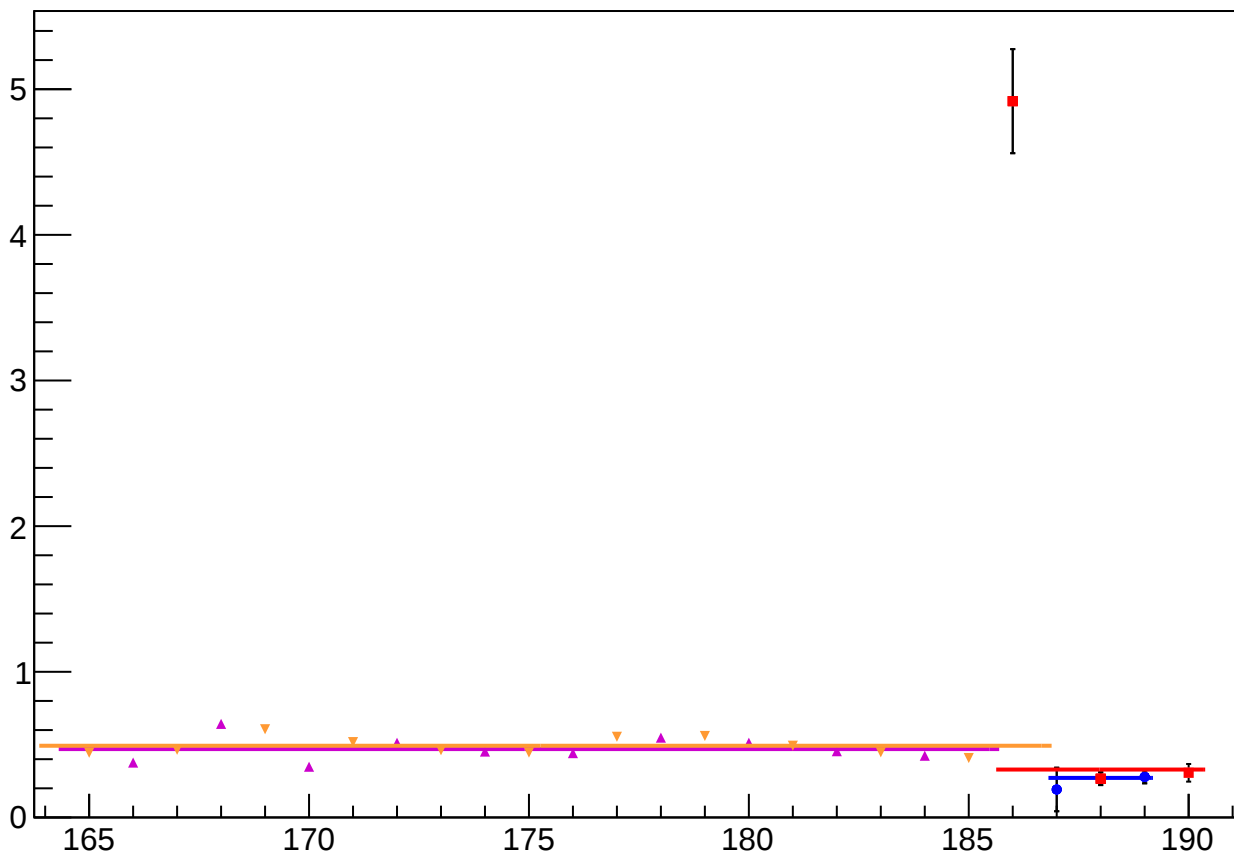
Right: 22.984 $\pm$ 0.487 χ^2 /NDF: 645.3/8

In: 8.343 $\pm$ 0.093 χ^2 /NDF: 1041.7/13

Out: 9.019 $\pm$ 0.090 χ^2 /NDF: 1568.9/15

All: 8.696 $\pm$ 0.065 χ^2 /NDF: 2637.8/29

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.481 $\pm$ 0.003 χ^2 /NDF: 514.9/20

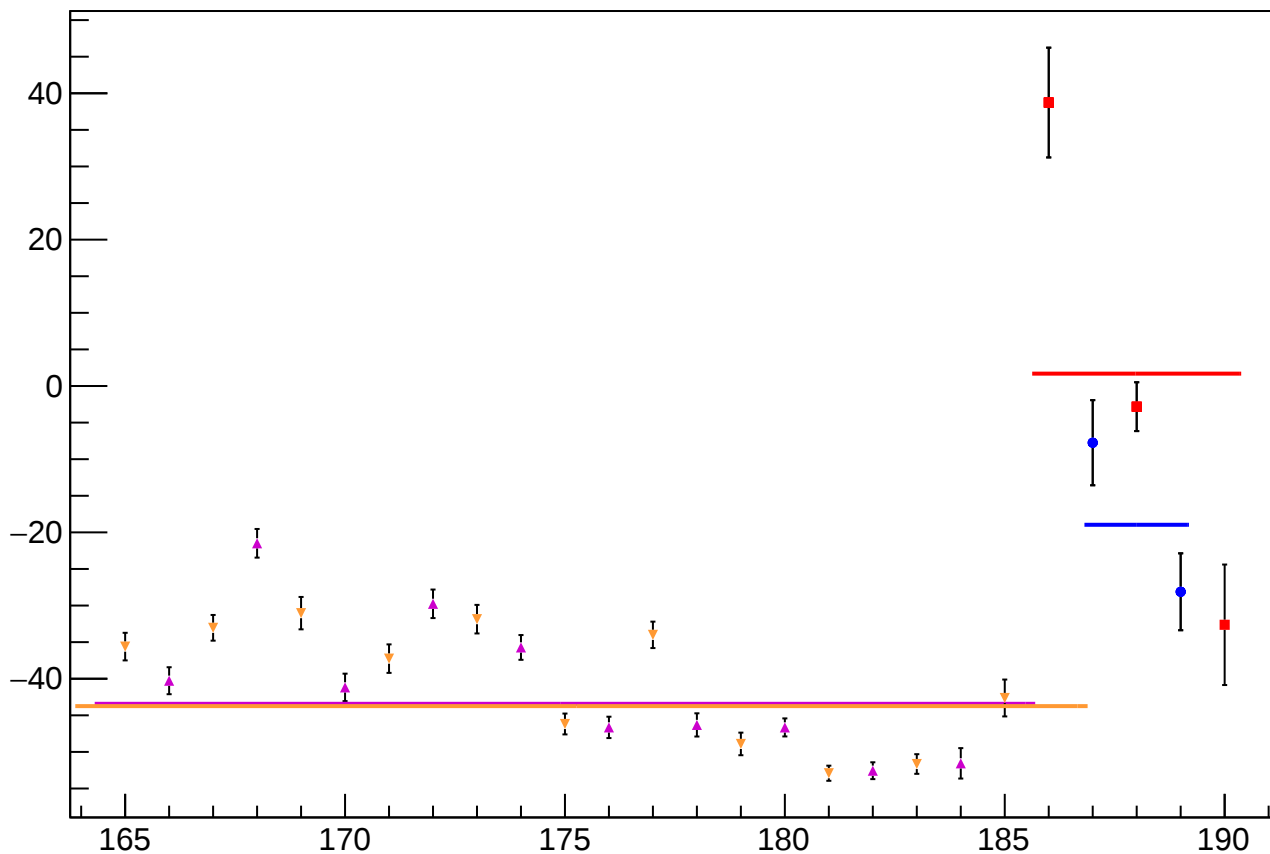
Right: 0.303 $\pm$ 0.020 χ^2 /NDF: 336.8/8

In: 0.466 $\pm$ 0.004 χ^2 /NDF:371.1/13

Out: 0.489 $\pm$ 0.004 χ^2 /NDF:541.0/15

All: 0.478 $\pm$ 0.003 χ^2 /NDF: 928.4/29

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 293.1/9$

Left: -43.589 ± 0.350 $\chi^2/\text{NDF}: 587.0/20$

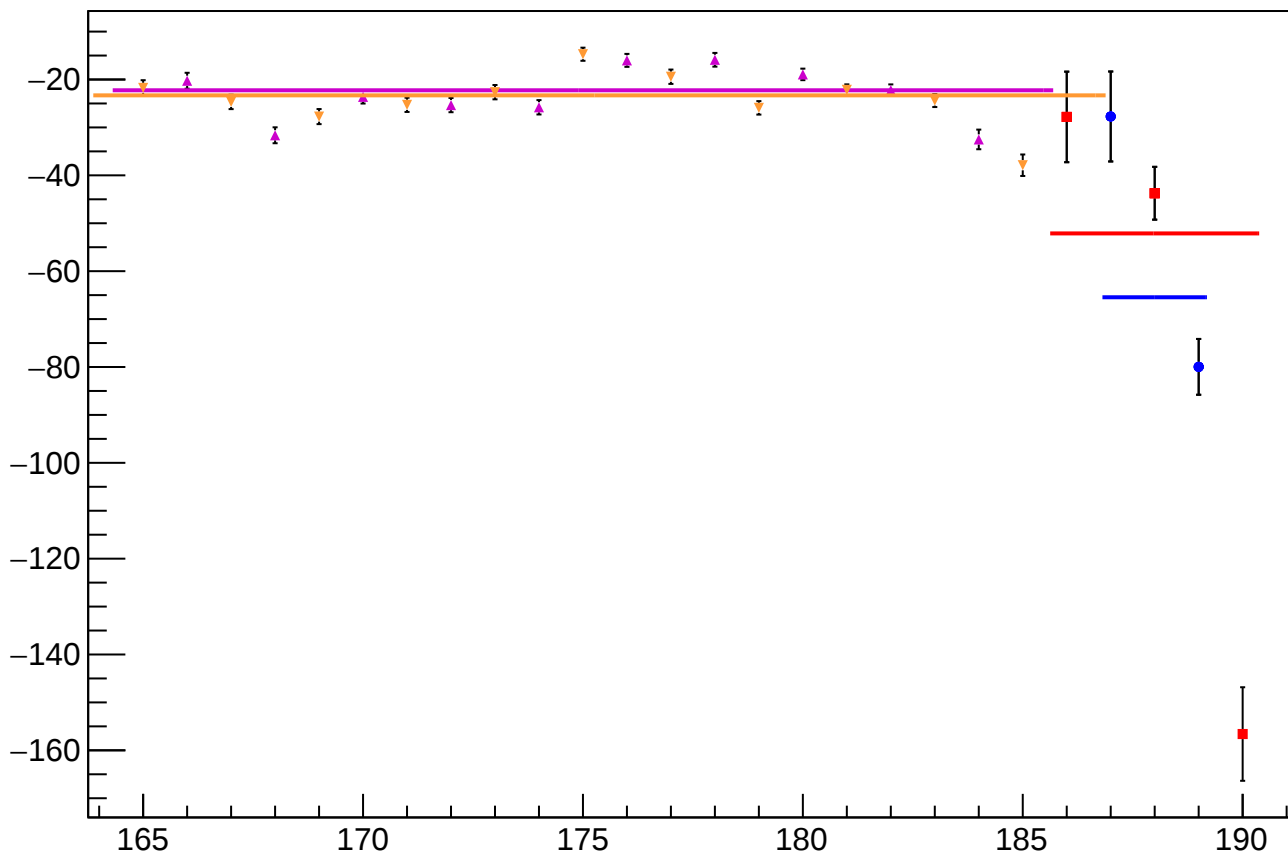
Right: -5.827 ± 1.663 $\chi^2/\text{NDF}: 119.1/8$

In: -42.641 ± 0.494 $\chi^2/\text{NDF}: 382.9/13$

Out: -41.386 ± 0.475 $\chi^2/\text{NDF}: 813.6/15$

All: -41.988 ± 0.342 $\chi^2/\text{NDF}: 1199.8/29$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -22.795 ± 0.318 ($\chi^2/\text{NDF}: 225.8/20$)

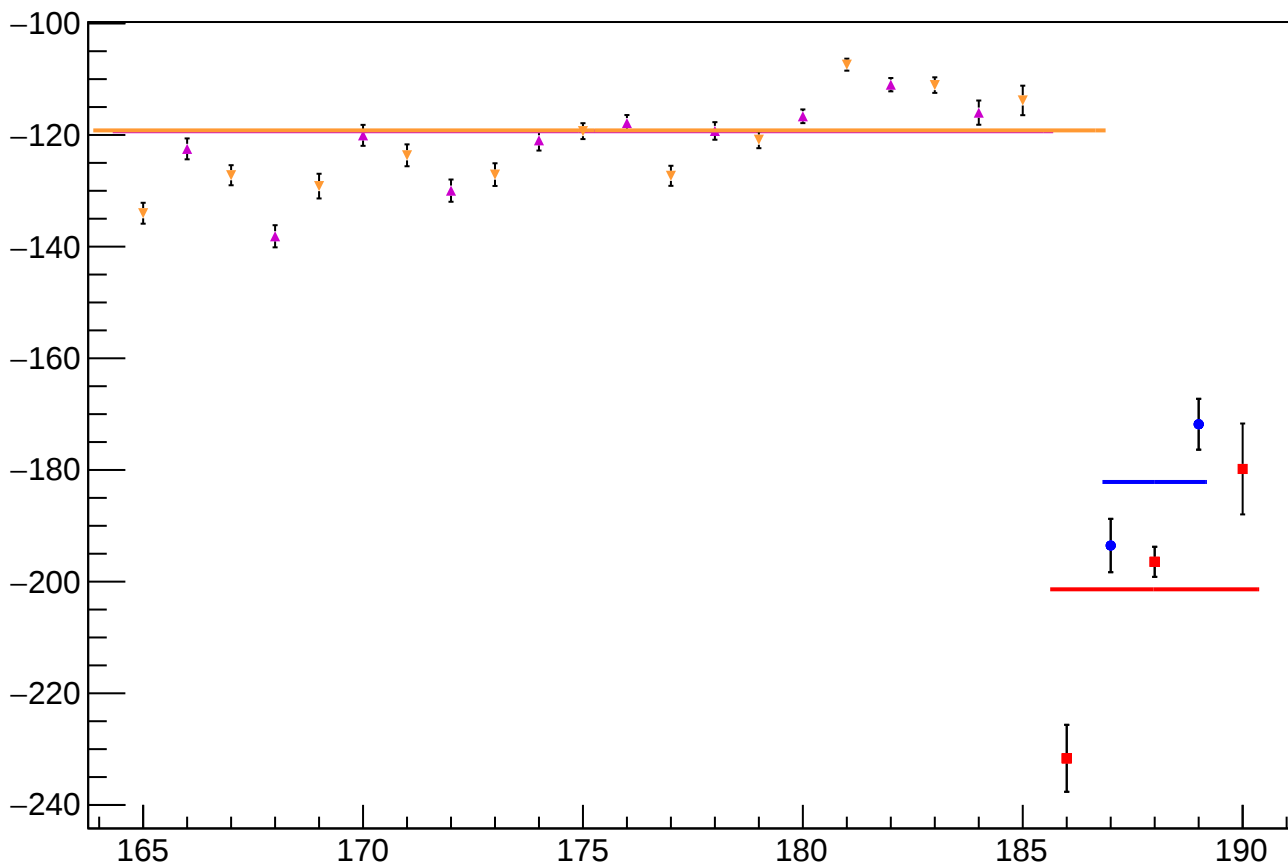
Right: -58.153 ± 2.355 ($\chi^2/\text{NDF}: 185.1/8$)

In: -22.971 ± 0.453 ($\chi^2/\text{NDF}: 312.5/13$)

Out: -23.852 ± 0.438 ($\chi^2/\text{NDF}: 317.8/15$)

All: -23.427 ± 0.315 ($\chi^2/\text{NDF}: 632.3/29$)

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -182.150 ± 2.331 χ^2/NDF : 21.7/3

Left Out: -119.184 ± 0.496 χ^2/NDF : 303.1/10

Right Out: -201.376 ± 1.699 χ^2/NDF : 64.6/4

Left In: -119.332 ± 0.511 χ^2/NDF : 179.2/9

Left: -119.256 ± 0.356 χ^2/NDF : 482.3/20

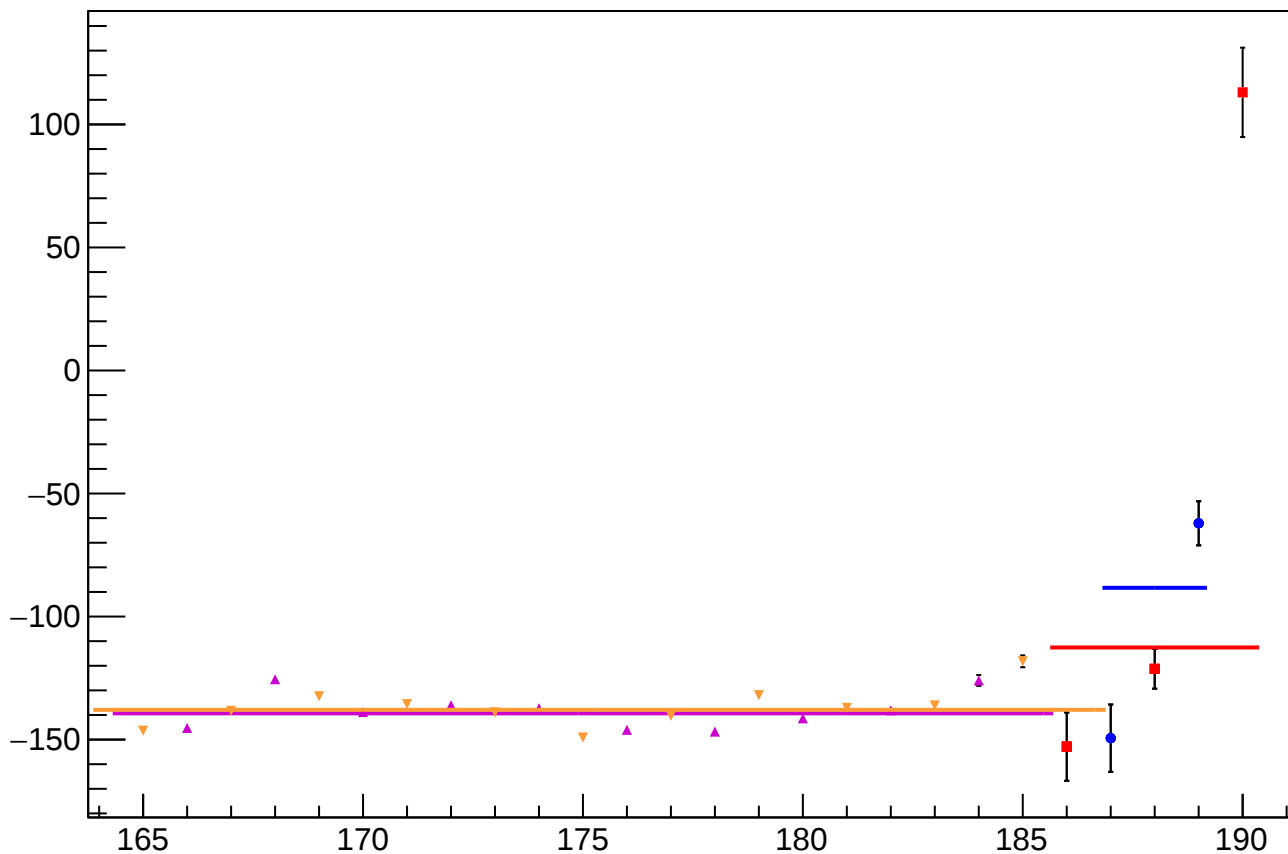
Right: -194.707 ± 1.373 χ^2/NDF : 130.7/8

In: -122.208 ± 0.499 χ^2/NDF : 893.6/13

Out: -125.645 ± 0.476 χ^2/NDF : 2524.0/15

All: -124.006 ± 0.345 χ^2/NDF : 3442.5/29

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: -138.592 ± 0.343 χ^2/NDF : 343.1/20

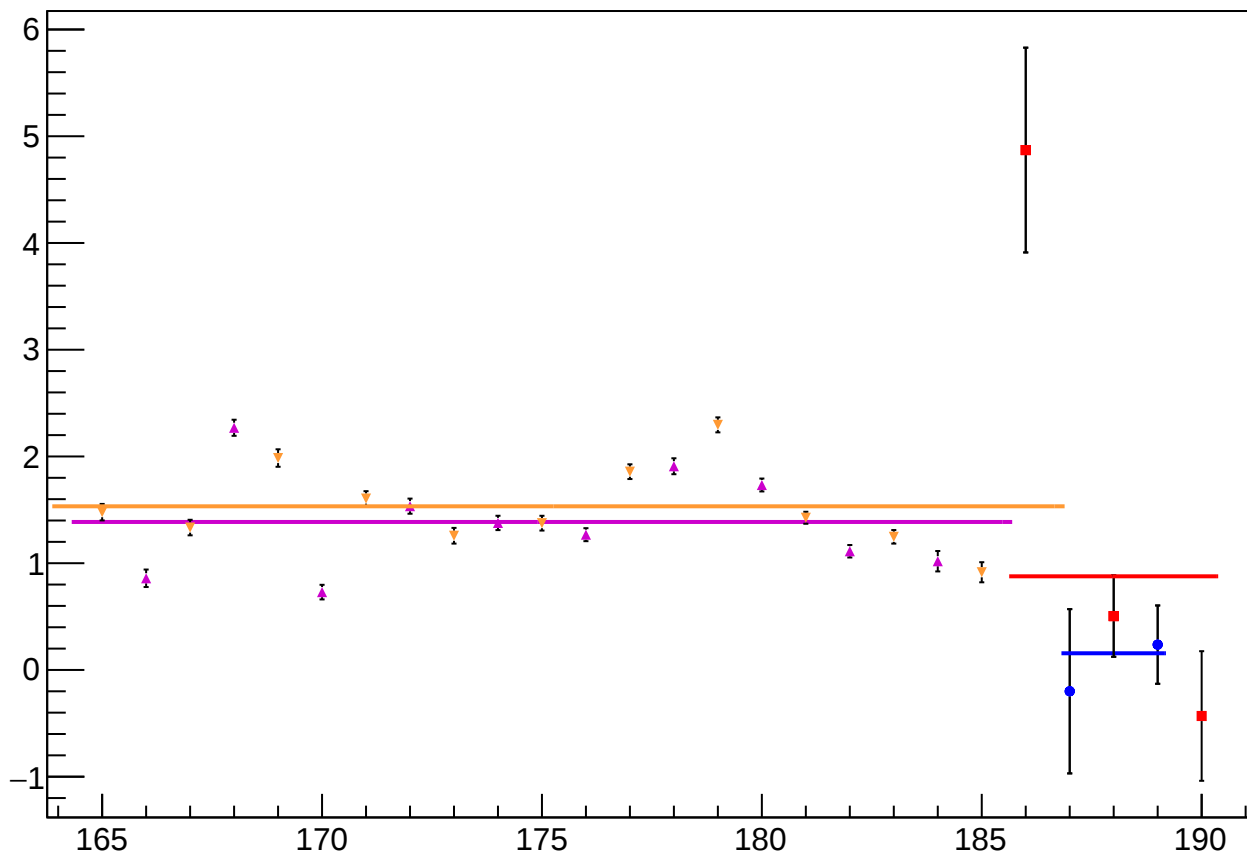
Right: -101.737 ± 3.543 χ^2/NDF : 242.0/8

In: -138.896 ± 0.490 χ^2/NDF : 303.2/13

Out: -137.645 ± 0.475 χ^2/NDF : 385.8/15

All: -138.251 ± 0.341 χ^2/NDF : 692.3/29

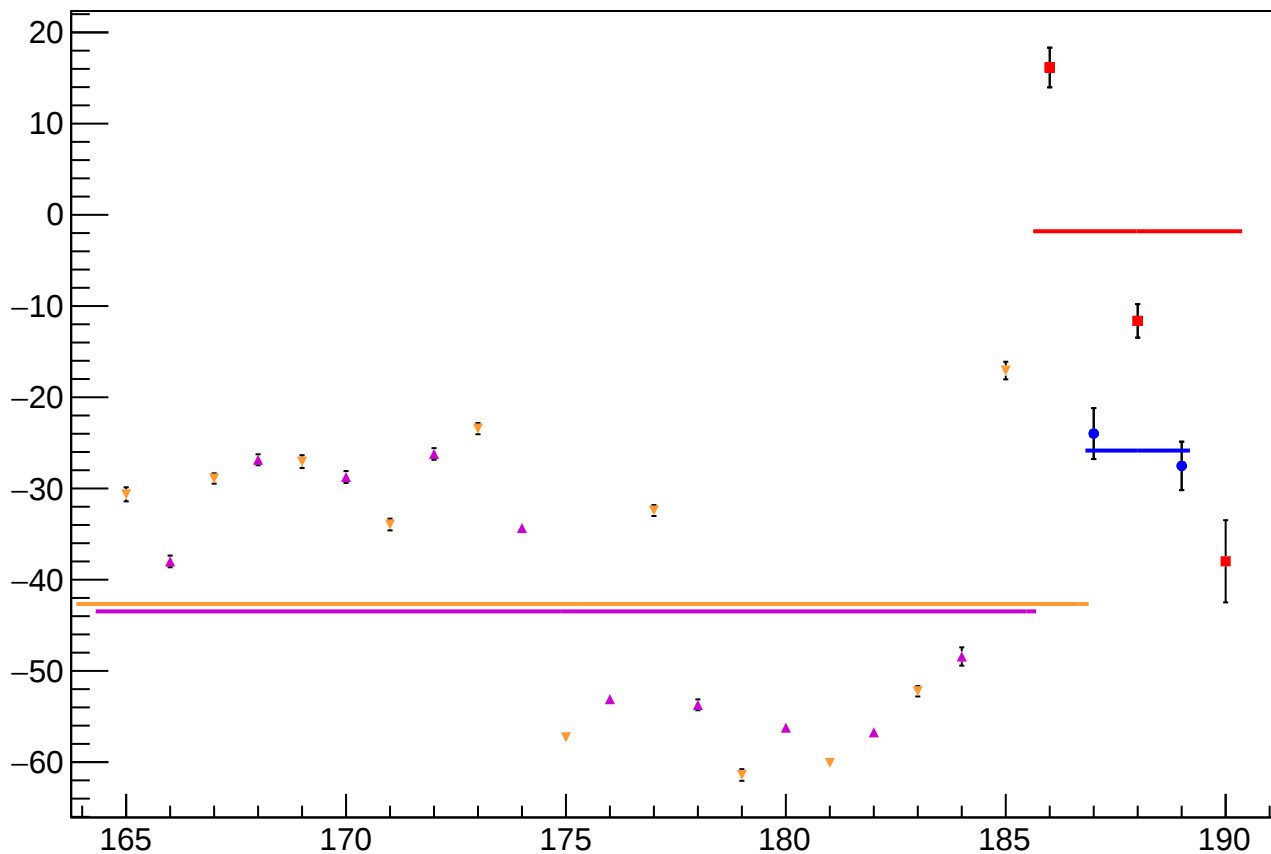
reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 1.462+/-0.015 χ^2/NDF : 686.1/20
 Right: 0.521+/-0.165 χ^2/NDF : 46.5/8
 In: 1.376+/-0.022 χ^2/NDF :425.2/13
 Out: 1.528+/-0.021 χ^2/NDF :315.0/15
 All: 1.454+/-0.015 χ^2/NDF : 765.0/29

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



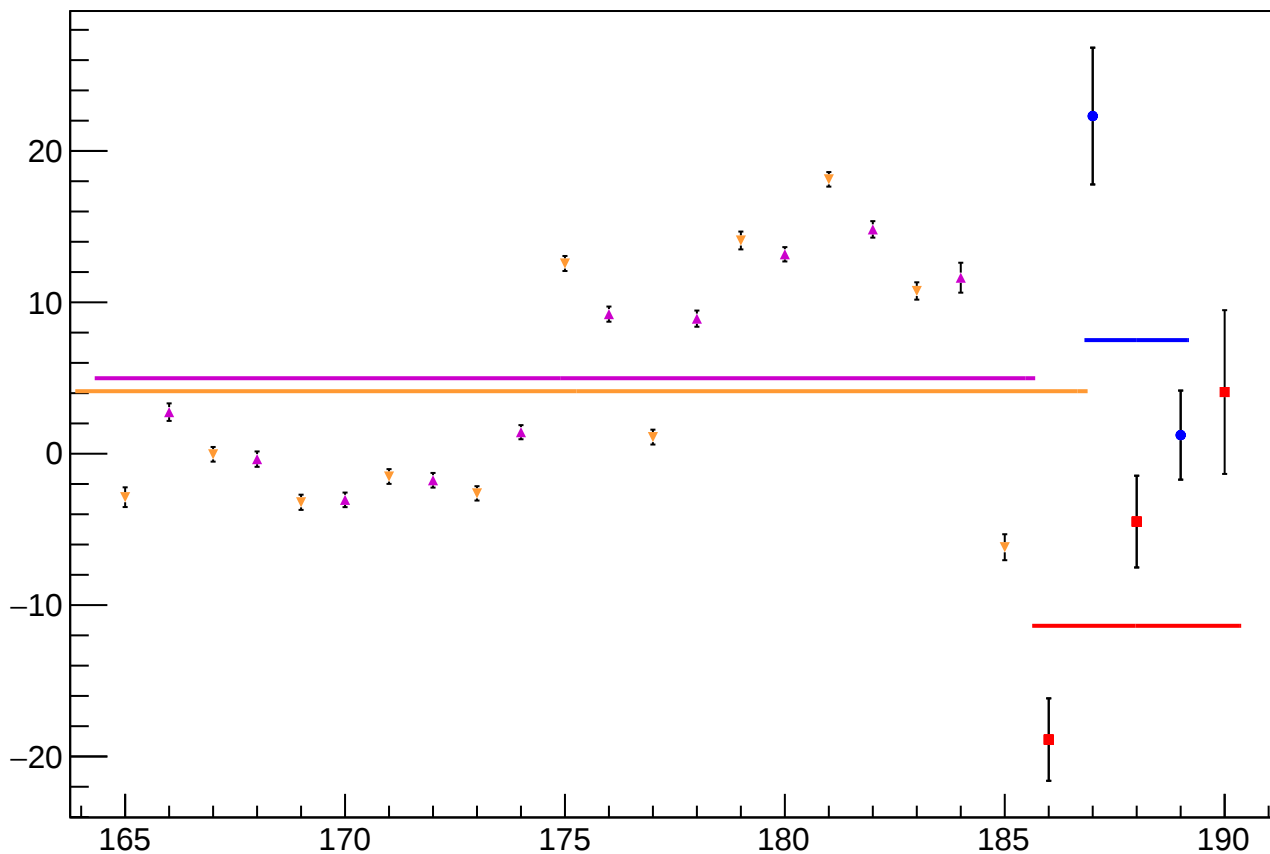
Right In: -25.843 ± 1.360 χ^2/NDF : 1.7/3
 Left Out: -42.660 ± 0.182 χ^2/NDF : 6984.5/10
 Right Out: -1.800 ± 0.968 χ^2/NDF : 258.3/4
 Left In: -43.473 ± 0.187 χ^2/NDF : 4357.8/9

Left: -43.057 ± 0.130 χ^2/NDF : 11352.1/20
 Right: -9.885 ± 0.789 χ^2/NDF : 467.3/8

In: -43.148 ± 0.185 χ^2/NDF : 4524.4/13
 Out: -41.264 ± 0.179 χ^2/NDF : 8962.4/15

All: -42.175 ± 0.129 χ^2/NDF : 13540.3/29

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.504 ± 1.743 $\chi^2/\text{NDF}: 30.6/3$

Left Out: 4.129 ± 0.160 $\chi^2/\text{NDF}: 2475.5/10$

Right Out: -11.368 ± 1.384 $\chi^2/\text{NDF}: 33.7/4$

Left In: 4.987 ± 0.166 $\chi^2/\text{NDF}: 1451.1/9$

Left: 4.543 ± 0.115 $\chi^2/\text{NDF}: 3940.5/20$

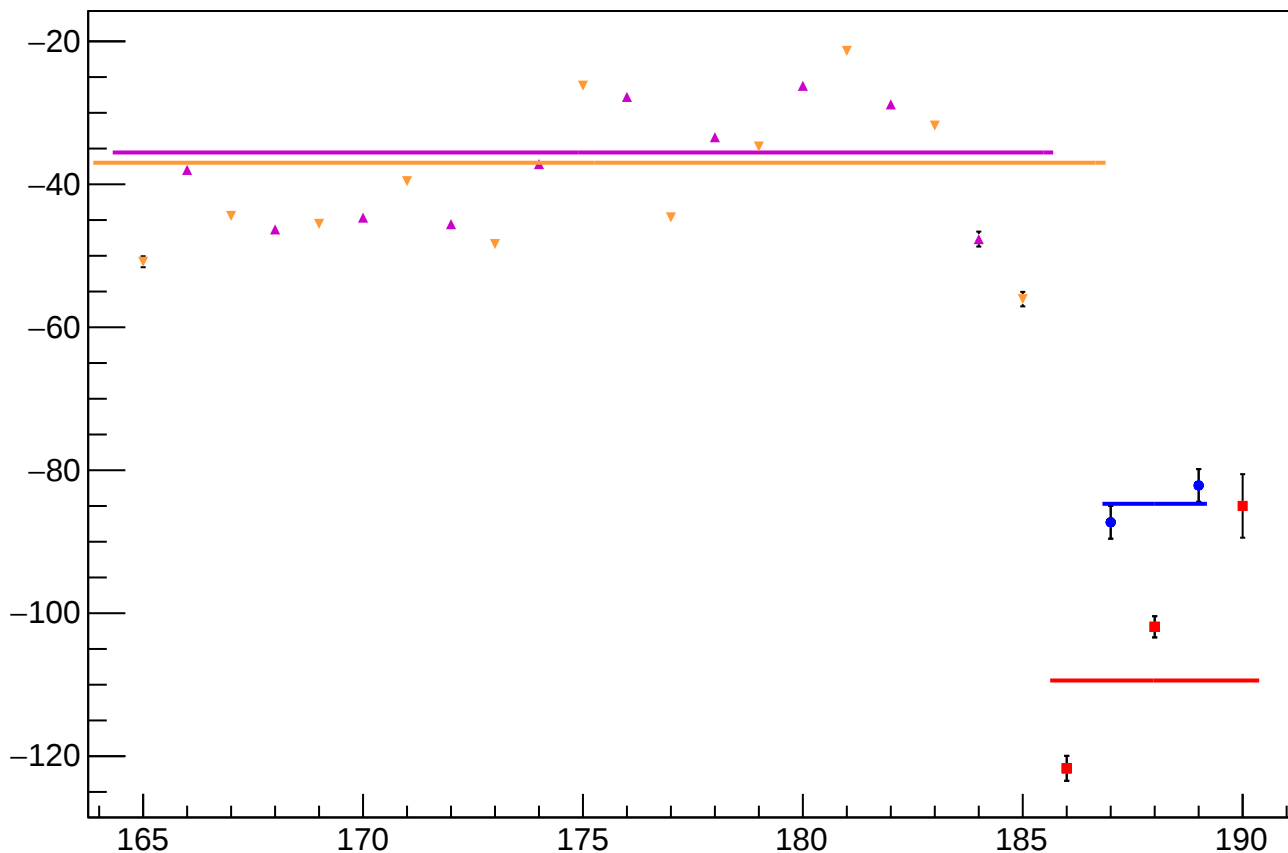
Right: -4.068 ± 1.084 $\chi^2/\text{NDF}: 136.1/8$

In: 5.009 ± 0.165 $\chi^2/\text{NDF}: 1483.8/13$

Out: 3.925 ± 0.159 $\chi^2/\text{NDF}: 2632.9/15$

All: 4.447 ± 0.115 $\chi^2/\text{NDF}: 4139.0/29$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -84.694 $\pm$ 1.146 χ^2 /NDF: 5.1/3

Left Out: -36.984 $\pm$ 0.185 χ^2 /NDF:3182.7/10

Right Out: -109.411 $\pm$ 0.786 χ^2 /NDF: 180.7/4

Left In: -35.548 $\pm$ 0.190 χ^2 /NDF:1649.4/9

Left: -36.284 $\pm$ 0.133 χ^2 /NDF: 4861.4/20

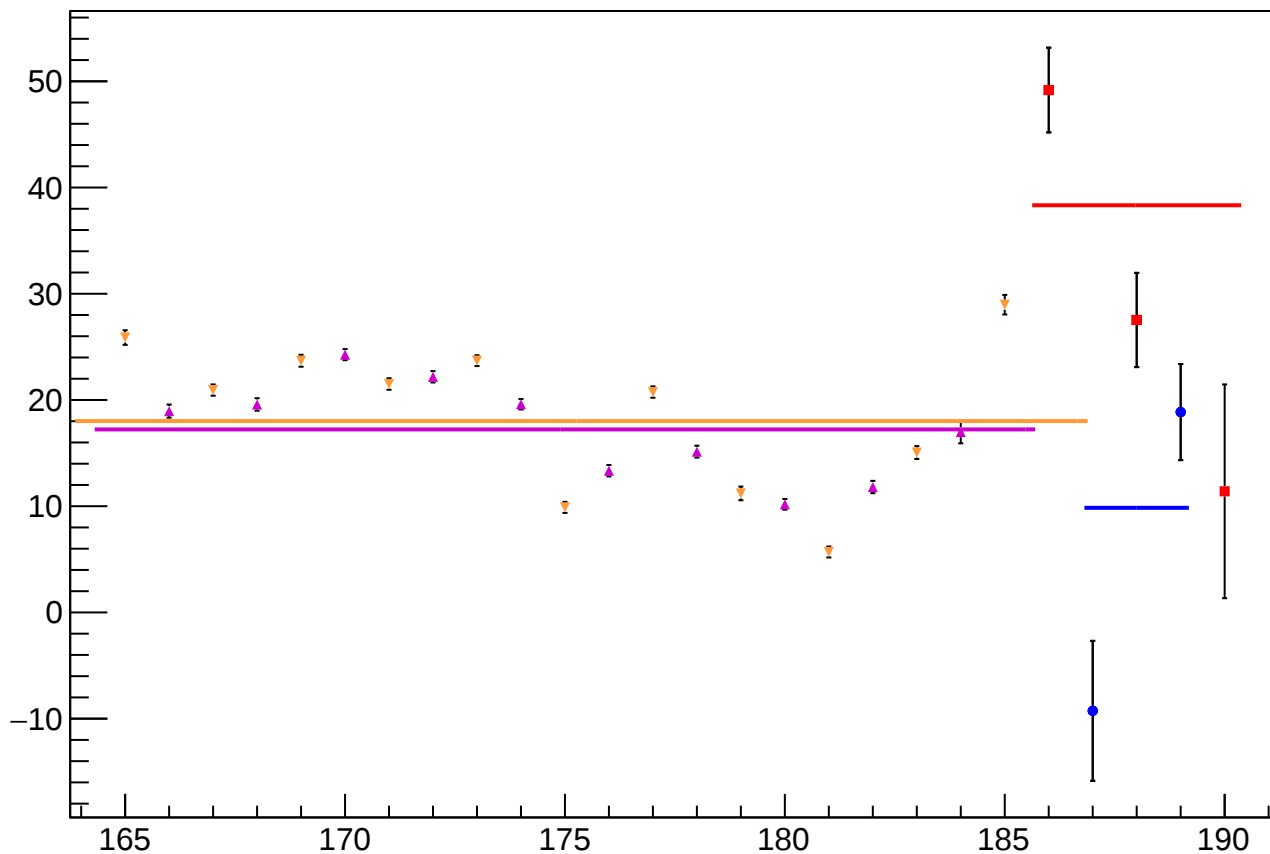
Right: -101.499 $\pm$ 0.648 χ^2 /NDF: 502.2/8

In: -36.864 $\pm$ 0.187 χ^2 /NDF:3445.2/13

Out: -40.792 $\pm$ 0.180 χ^2 /NDF:11404.3/15

All: -38.905 $\pm$ 0.130 χ^2 /NDF: 15077.6/29

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.849 ± 2.636 $\chi^2/\text{NDF}: 24.8/3$

Left Out: 18.014 ± 0.173 $\chi^2/\text{NDF}: 1544.3/10$

Right Out: 38.330 ± 2.053 $\chi^2/\text{NDF}: 33.8/4$

Left In: 17.229 ± 0.179 $\chi^2/\text{NDF}: 662.3/9$

Left: 17.634 ± 0.125 $\chi^2/\text{NDF}: 2216.5/20$

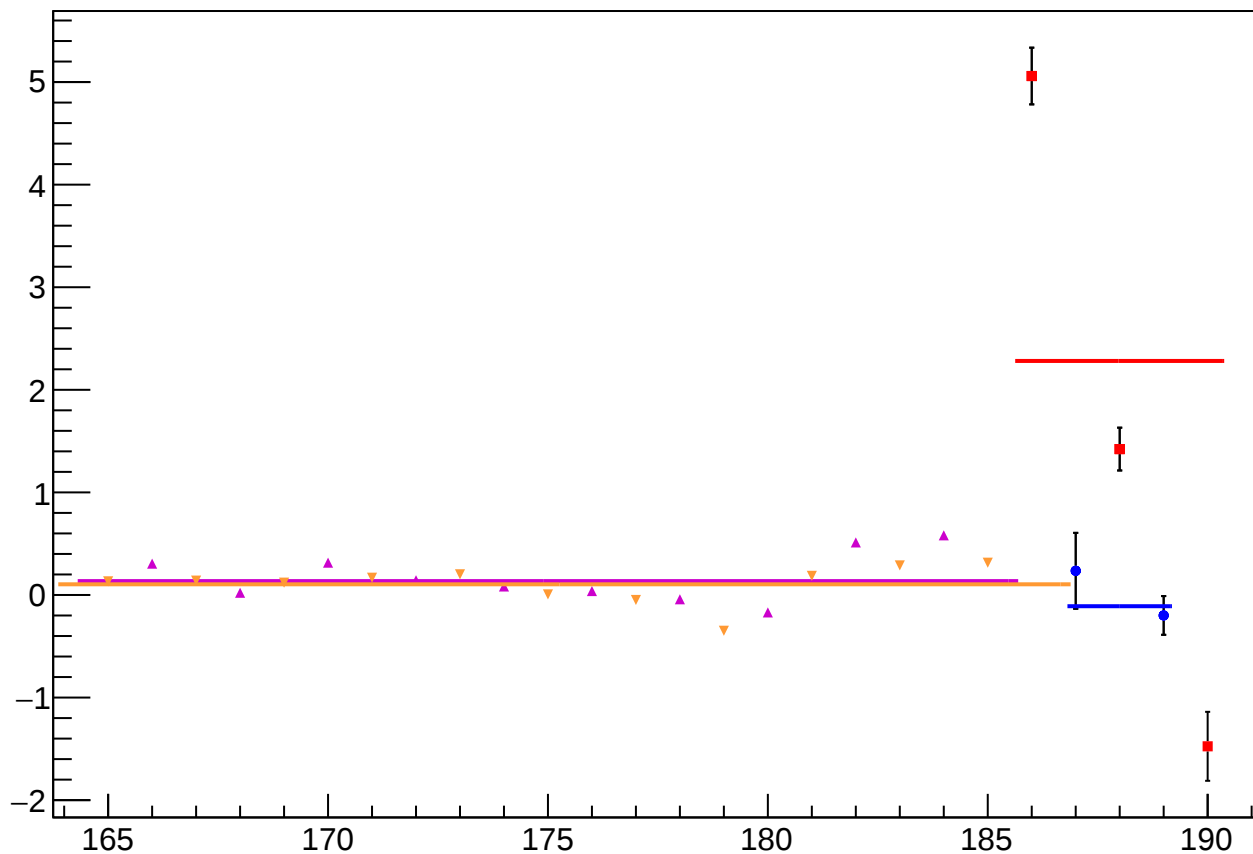
Right: 27.579 ± 1.620 $\chi^2/\text{NDF}: 131.3/8$

In: 17.195 ± 0.179 $\chi^2/\text{NDF}: 694.9/13$

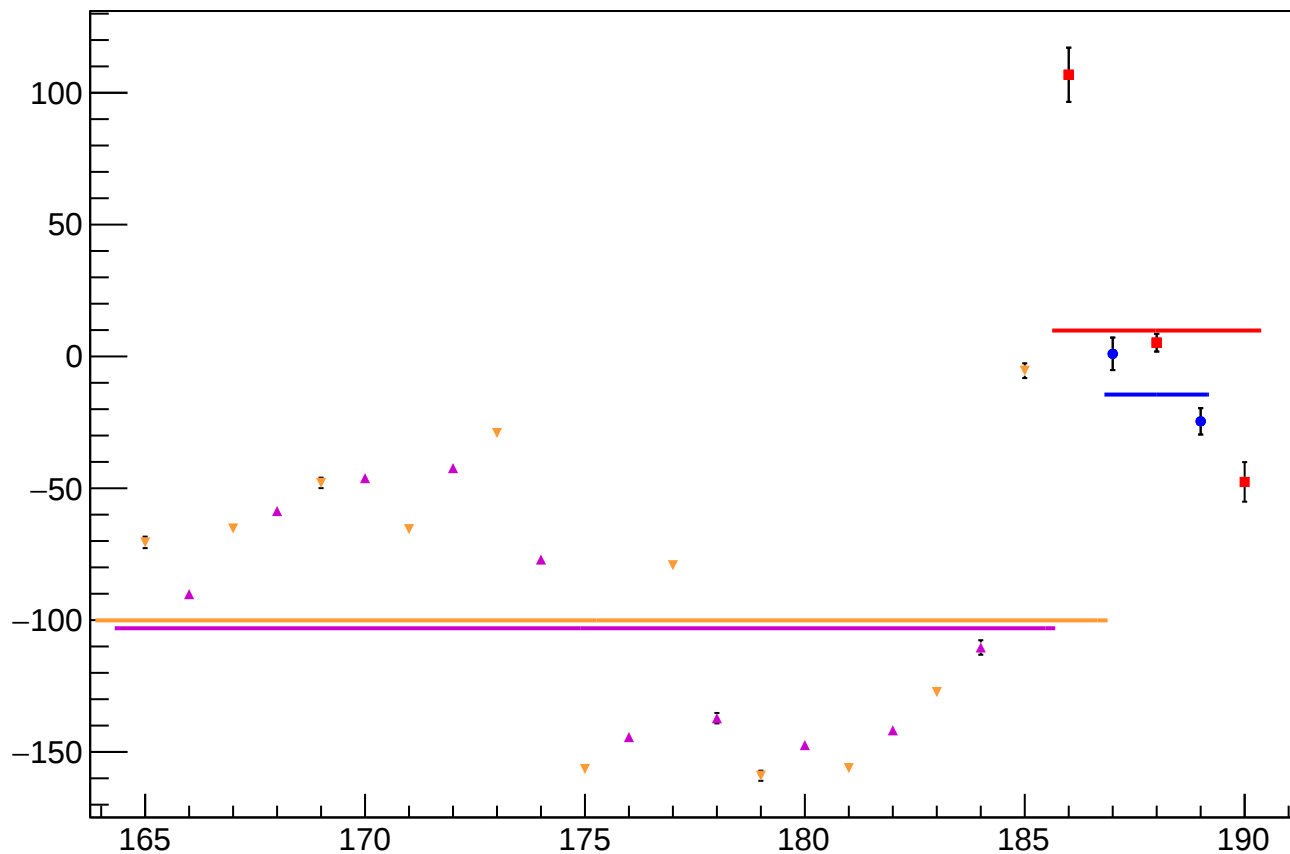
Out: 18.158 ± 0.173 $\chi^2/\text{NDF}: 1675.3/15$

All: 17.693 ± 0.124 $\chi^2/\text{NDF}: 2385.2/29$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -101.554 +/- 0.378 χ^2/NDF : 15018.5/20

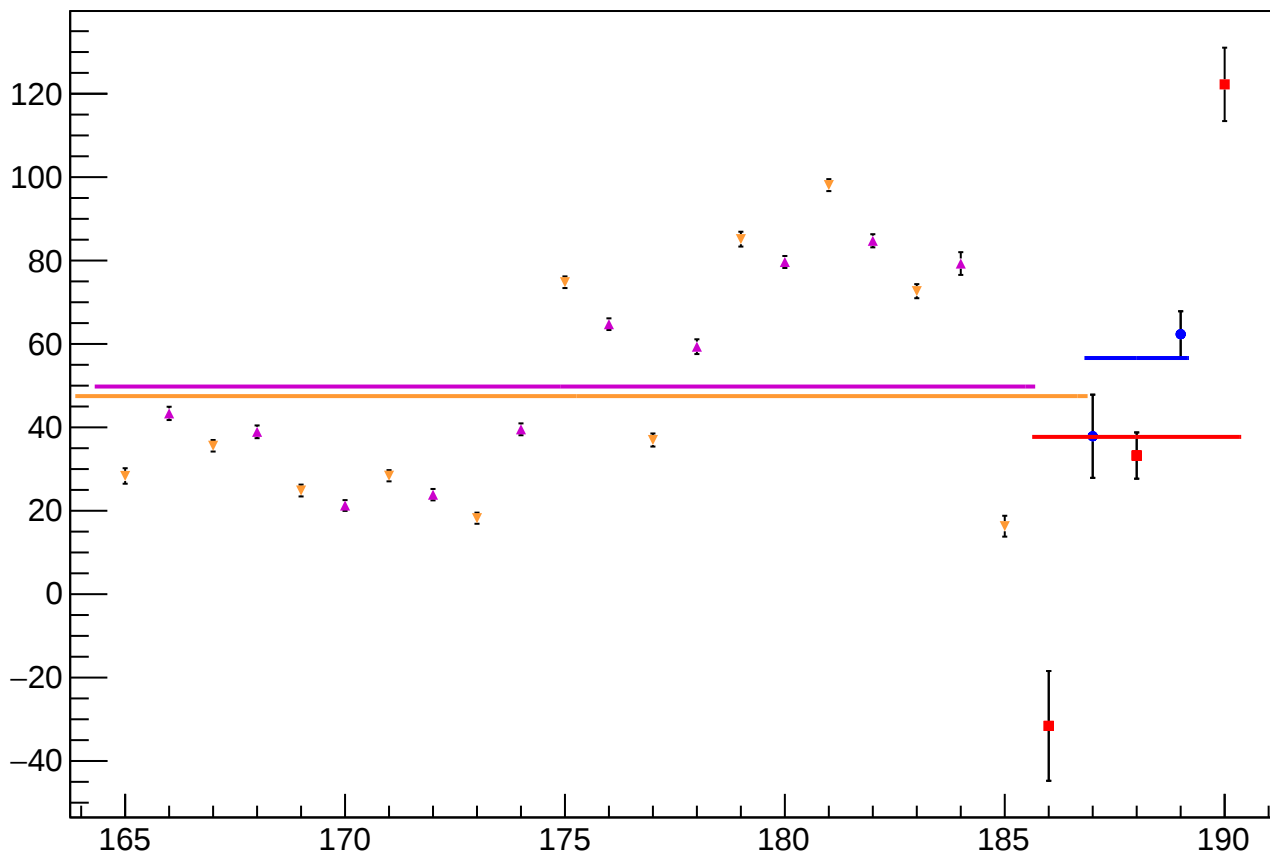
Right: 0.529 +/- 1.698 χ^2/NDF : 309.3/8

In: -99.758 +/- 0.532 χ^2/NDF : 6810.4/13

Out: -93.928 +/- 0.512 χ^2/NDF : 11898.3/15

All: -96.732 +/- 0.369 χ^2/NDF : 18771.1/29

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 48.595 $\pm$ 0.335 χ^2 /NDF: 5763.2/20

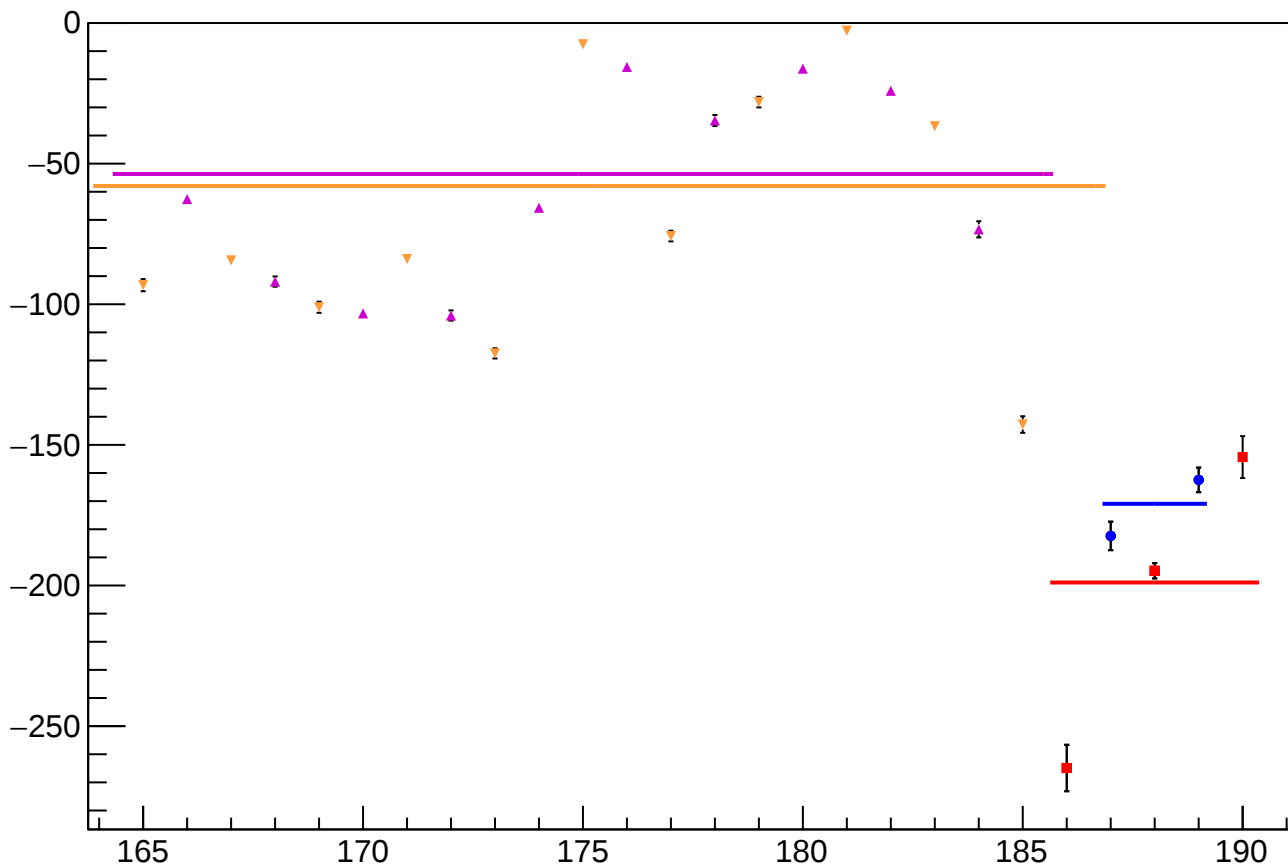
Right: 46.993 $\pm$ 2.386 χ^2 /NDF: 173.9/8

In: 49.924 $\pm$ 0.478 χ^2 /NDF:2156.6/13

Out: 47.308 $\pm$ 0.460 χ^2 /NDF:3765.4/15

All: 48.565 $\pm$ 0.331 χ^2 /NDF: 5937.6/29

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -170.947 ± 2.341 χ^2/NDF : 17.7/3

Left Out: -57.954 ± 0.536 χ^2/NDF : 6471.8/10

Right Out: -198.927 ± 1.770 χ^2/NDF : 168.2/4

Left In: -53.690 ± 0.552 χ^2/NDF : 3890.7/9

Left: -55.885 ± 0.385 χ^2/NDF : 10393.1/20

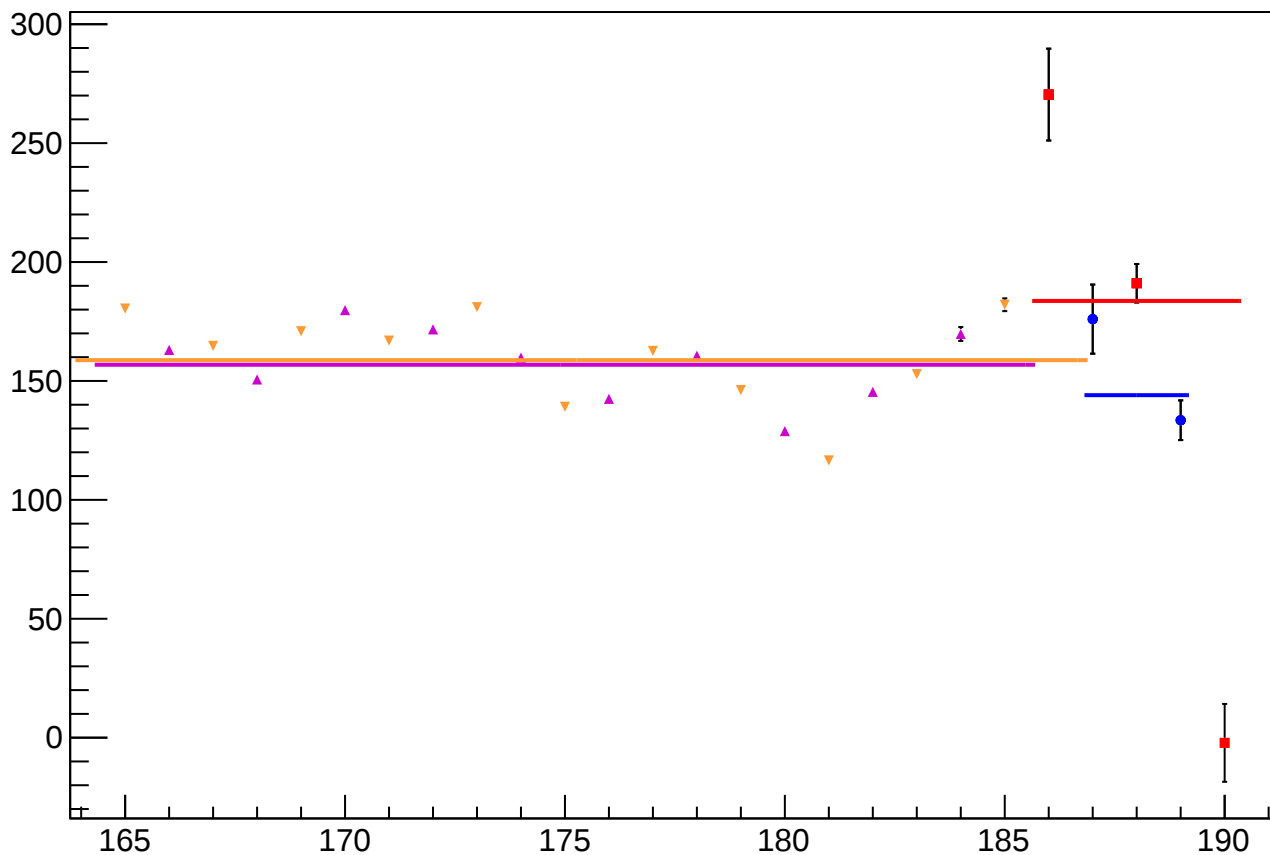
Right: -188.747 ± 1.412 χ^2/NDF : 276.8/8

In: -59.872 ± 0.537 χ^2/NDF : 6285.9/13

Out: -69.799 ± 0.513 χ^2/NDF : 12450.2/15

All: -65.066 ± 0.371 χ^2/NDF : 18914.6/29

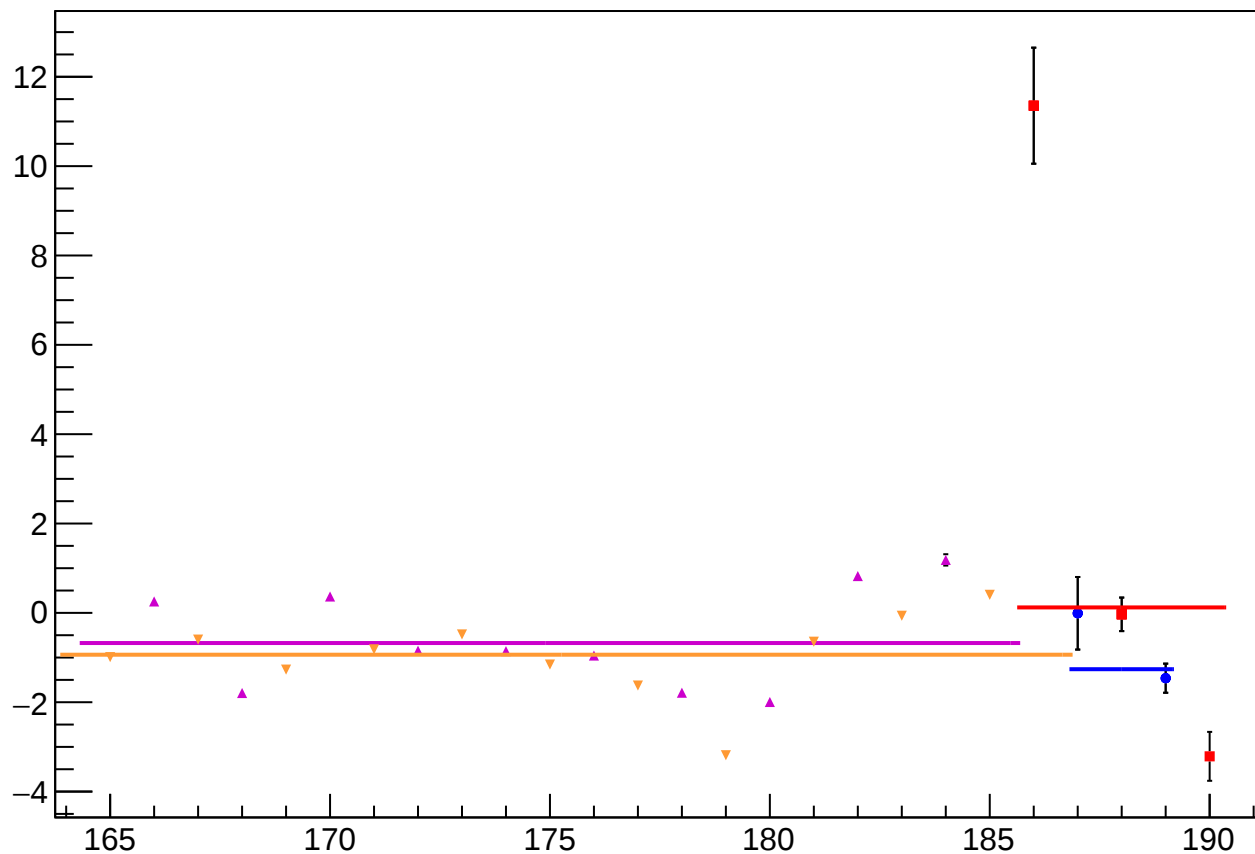
reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 157.810+/-0.362 χ^2/NDF : 2425.1/20
 Right: 164.213+/-3.584 χ^2/NDF : 214.4/8
 In: 156.681+/-0.519 χ^2/NDF : 905.9/13
 Out: 158.982+/-0.500 χ^2/NDF : 1726.5/15
 All: 157.875+/-0.360 χ^2/NDF : 2642.6/29

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



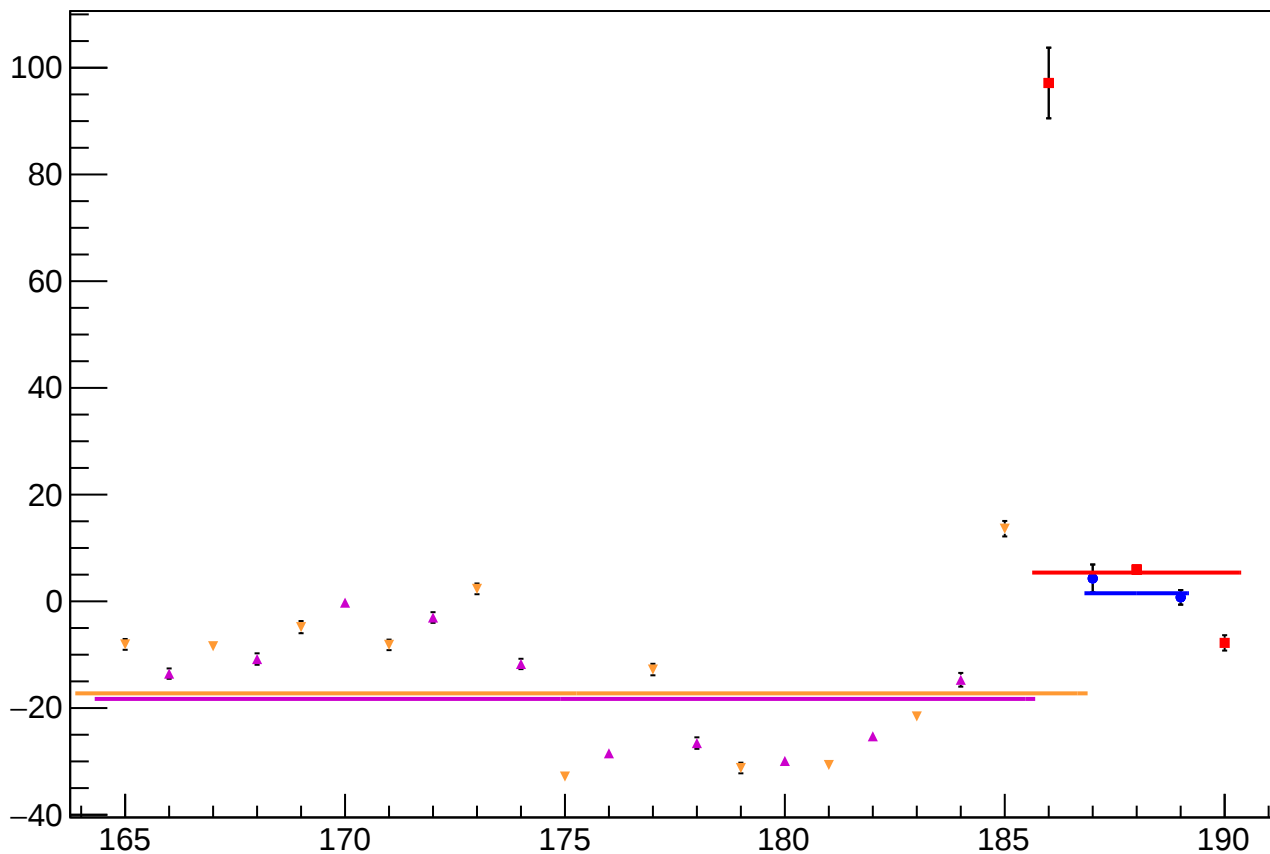
Right In: -1.261 ± 0.214 χ^2/NDF : 5.5/3
 Left Out: -0.936 ± 0.022 χ^2/NDF : 1147.6/10
 Right Out: 0.122 ± 0.231 χ^2/NDF : 187.0/4
 Left In: -0.675 ± 0.023 χ^2/NDF : 1791.6/9

Left: -0.809 ± 0.016 χ^2/NDF : 3005.9/20
 Right: -0.623 ± 0.157 χ^2/NDF : 211.8/8

In: -0.682 ± 0.023 χ^2/NDF : 1804.6/13
 Out: -0.927 ± 0.022 χ^2/NDF : 1355.4/15

All: -0.808 ± 0.016 χ^2/NDF : 3219.1/29

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.515+/-0.860 χ^2/NDF : 2.9/3

Left Out: -17.247+/-0.282 χ^2/NDF : 2245.2/10

Right Out: 5.388+/-0.481 χ^2/NDF : 468.8/4

Left In: -18.290+/-0.290 χ^2/NDF : 1288.4/9

Left: -17.754+/-0.202 χ^2/NDF : 3540.2/20

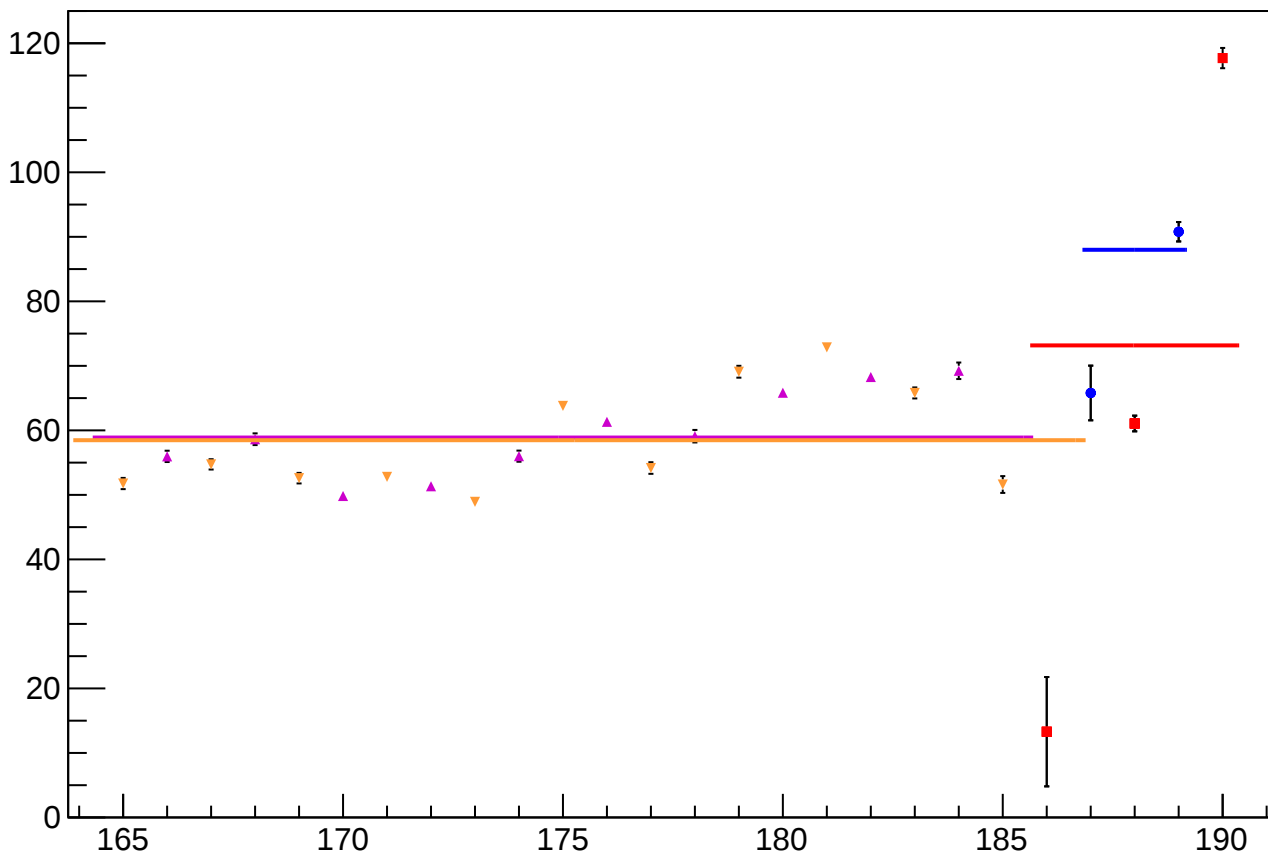
Right: 4.465+/-0.420 χ^2/NDF : 487.1/8

In: -16.262+/-0.275 χ^2/NDF : 1767.6/13

Out: -11.452+/-0.243 χ^2/NDF : 4360.8/15

All: -13.564+/-0.182 χ^2/NDF : 6299.8/29

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 87.990+/-1.002 χ^2/NDF : 61.8/3

Left Out: 58.474+/-0.252 χ^2/NDF :1036.4/10

Right Out: 73.170+/-0.748 χ^2/NDF : 1101.4/4

Left In: 58.888+/-0.262 χ^2/NDF :602.0/9

Left: 58.673+/-0.181 χ^2/NDF : 1639.7/20

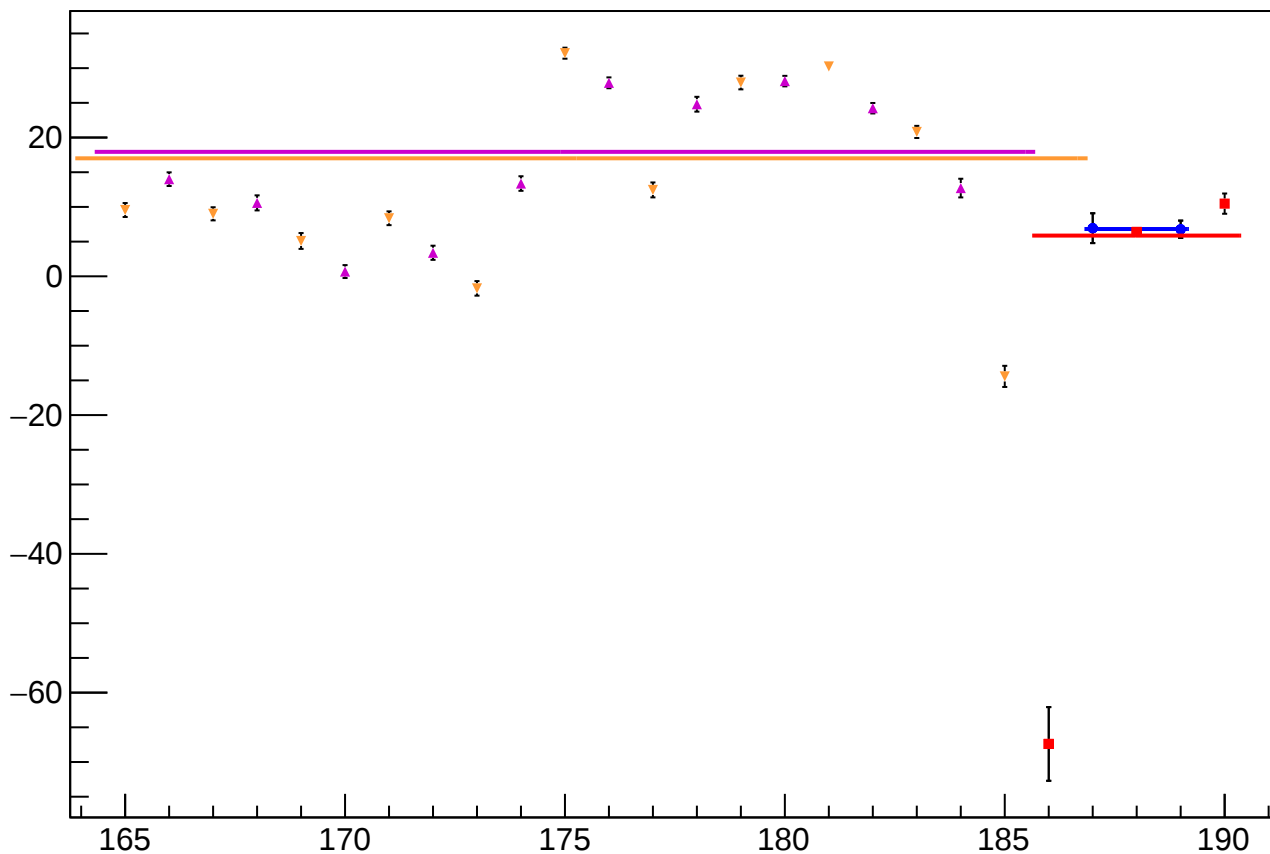
Right: 78.475+/-0.600 χ^2/NDF : 1303.6/8

In: 60.743+/-0.253 χ^2/NDF :1453.2/13

Out: 59.970+/-0.239 χ^2/NDF :2484.1/15

All: 60.334+/-0.174 χ^2/NDF : 3942.2/29

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.816+/-0.765 χ^2/NDF : 0.0/3

Left Out: 17.005+/-0.287 χ^2/NDF :1953.7/10

Right Out: 5.869+/-0.397 χ^2/NDF : 392.2/4

Left In: 17.937+/-0.295 χ^2/NDF :1096.7/9

Left: 17.458+/-0.206 χ^2/NDF : 3055.6/20

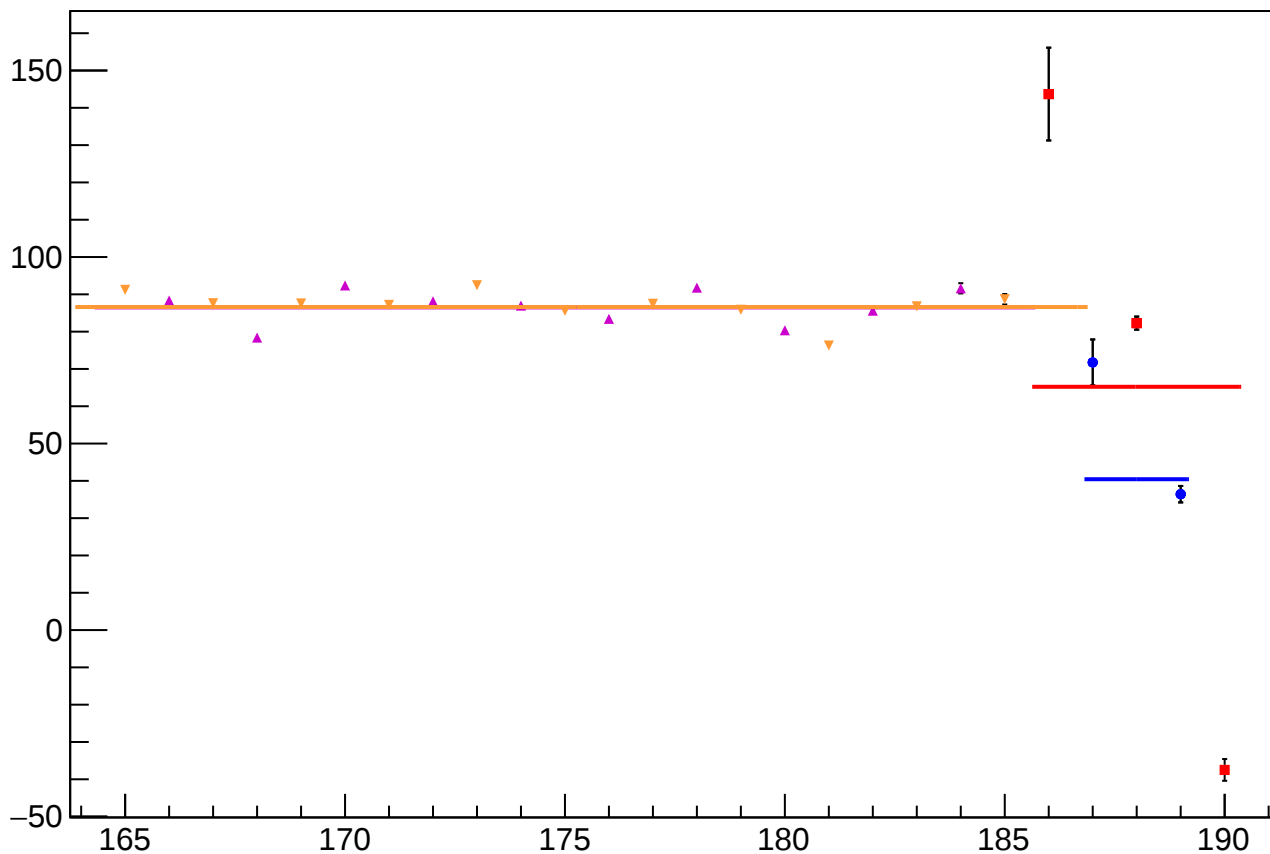
Right: 6.070+/-0.352 χ^2/NDF : 393.4/8

In: 16.496+/-0.275 χ^2/NDF :1280.7/13

Out: 13.183+/-0.233 χ^2/NDF :2862.9/15

All: 14.562+/-0.178 χ^2/NDF : 4228.0/29

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.438+/-1.470 χ^2/NDF : 58.1/3

Left Out: 86.597+/-0.272 χ^2/NDF : 258.0/10

Right Out: 65.217+/-1.134 χ^2/NDF : 1505.6/4

Left In: 86.496+/-0.282 χ^2/NDF : 244.1/9

Left: 86.548+/-0.196 χ^2/NDF : 502.2/20

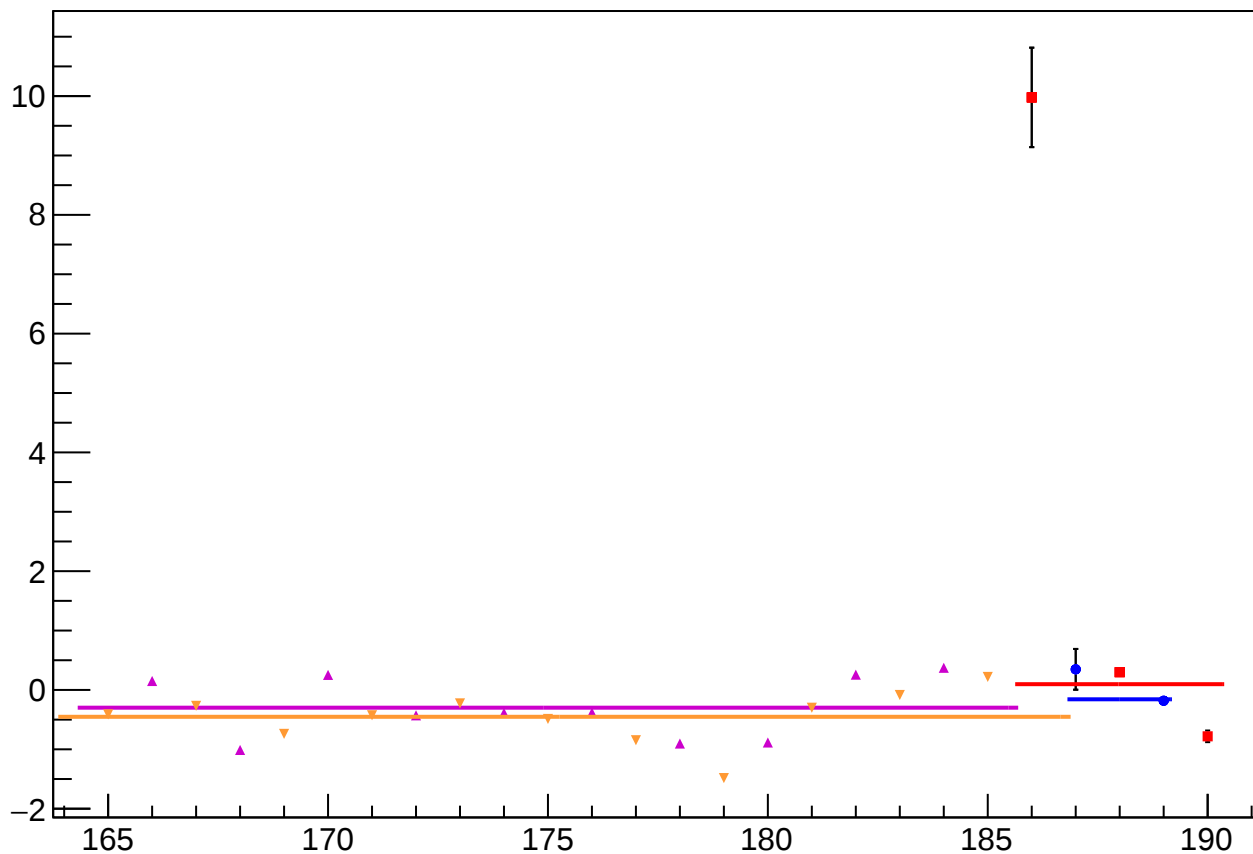
Right: 55.968+/-0.898 χ^2/NDF : 1741.7/8

In: 84.862+/-0.277 χ^2/NDF : 1249.0/13

Out: 85.434+/-0.265 χ^2/NDF : 2099.4/15

All: 85.161+/-0.191 χ^2/NDF : 3350.7/29

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -0.377 ± 0.009 χ^2/NDF : 2494.1/20

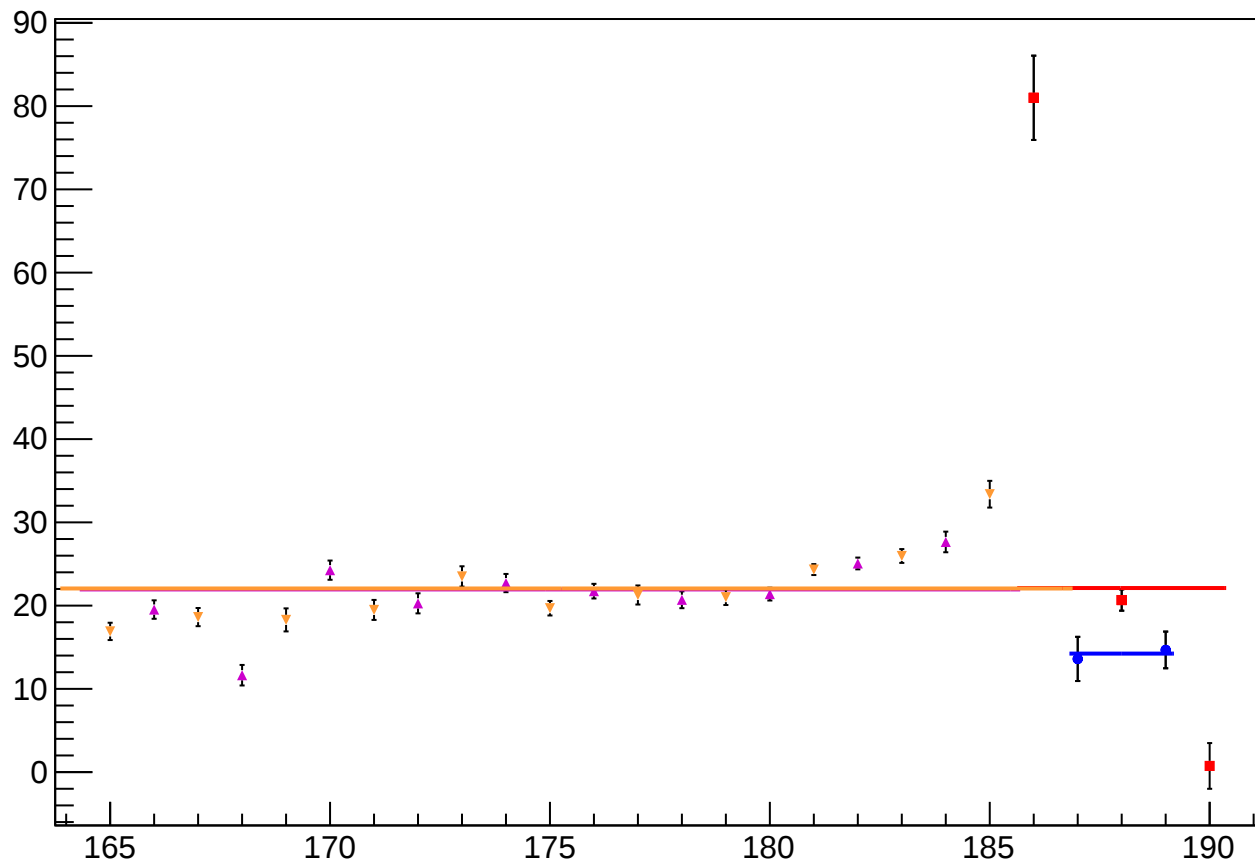
Right: -0.024 ± 0.035 χ^2/NDF : 388.6/8

In: -0.291 ± 0.012 χ^2/NDF : 1463.7/13

Out: -0.421 ± 0.012 χ^2/NDF : 1454.0/15

All: -0.358 ± 0.008 χ^2/NDF : 2976.8/29

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 22.003 $\pm$ 0.216 χ^2 /NDF: 264.5/20

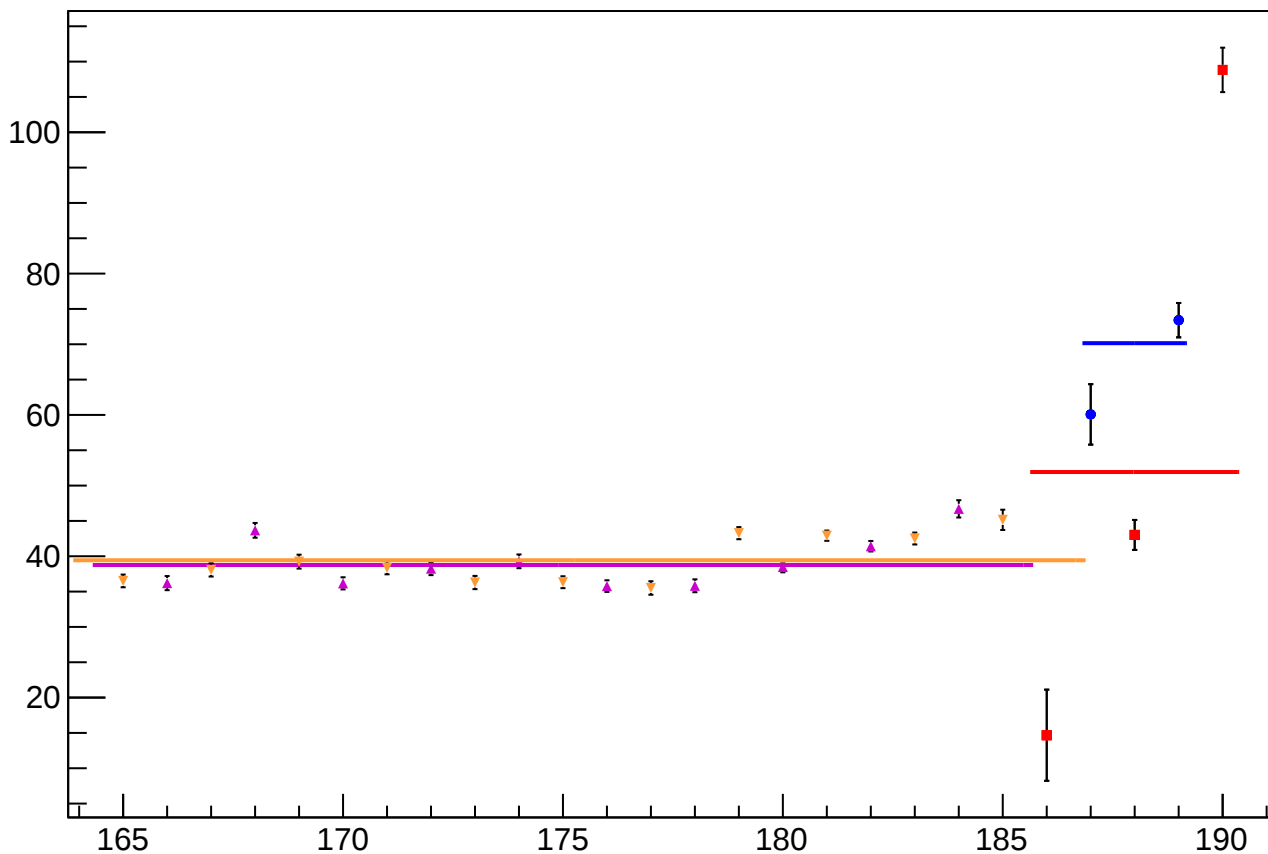
Right: 19.537 $\pm$ 0.686 χ^2 /NDF: 363.0/8

In: 21.458 $\pm$ 0.301 χ^2 /NDF:162.6/13

Out: 22.065 $\pm$ 0.284 χ^2 /NDF:474.5/15

All: 21.779 $\pm$ 0.206 χ^2 /NDF: 639.3/29

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 39.110 $\pm$ 0.197 χ^2 /NDF: 247.4/20

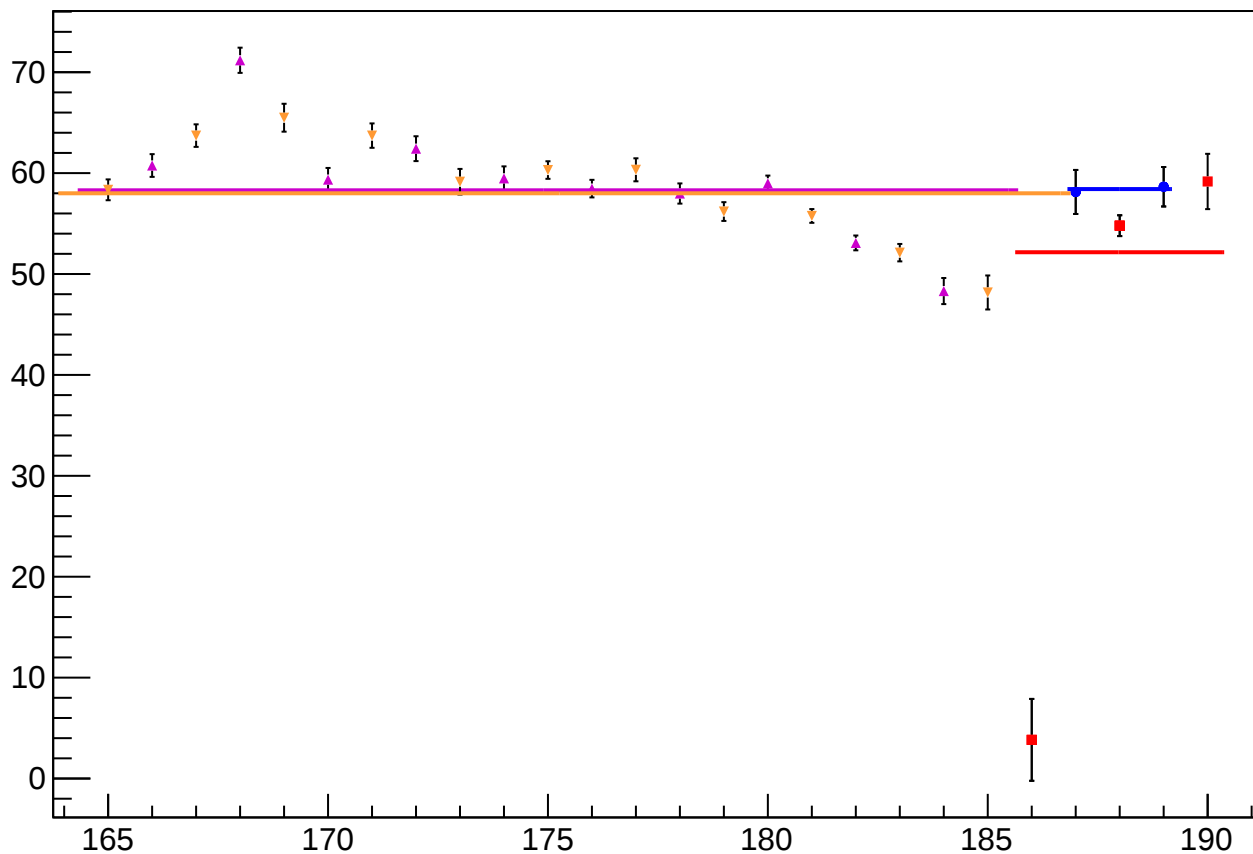
Right: 59.756 $\pm$ 0.980 χ^2 /NDF: 528.7/8

In: 39.856 $\pm$ 0.279 χ^2 /NDF:557.1/13

Out: 39.964 $\pm$ 0.268 χ^2 /NDF:645.6/15

All: 39.912 $\pm$ 0.193 χ^2 /NDF: 1202.7/29

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.419+/-1.030 χ^2/NDF : 0.1/3

Left Out: 58.000+/-0.306 χ^2/NDF :185.0/10

Right Out: 52.158+/-0.685 χ^2/NDF : 303.3/4

Left In: 58.295+/-0.316 χ^2/NDF :235.2/9

Left: 58.143+/-0.220 χ^2/NDF : 420.7/20

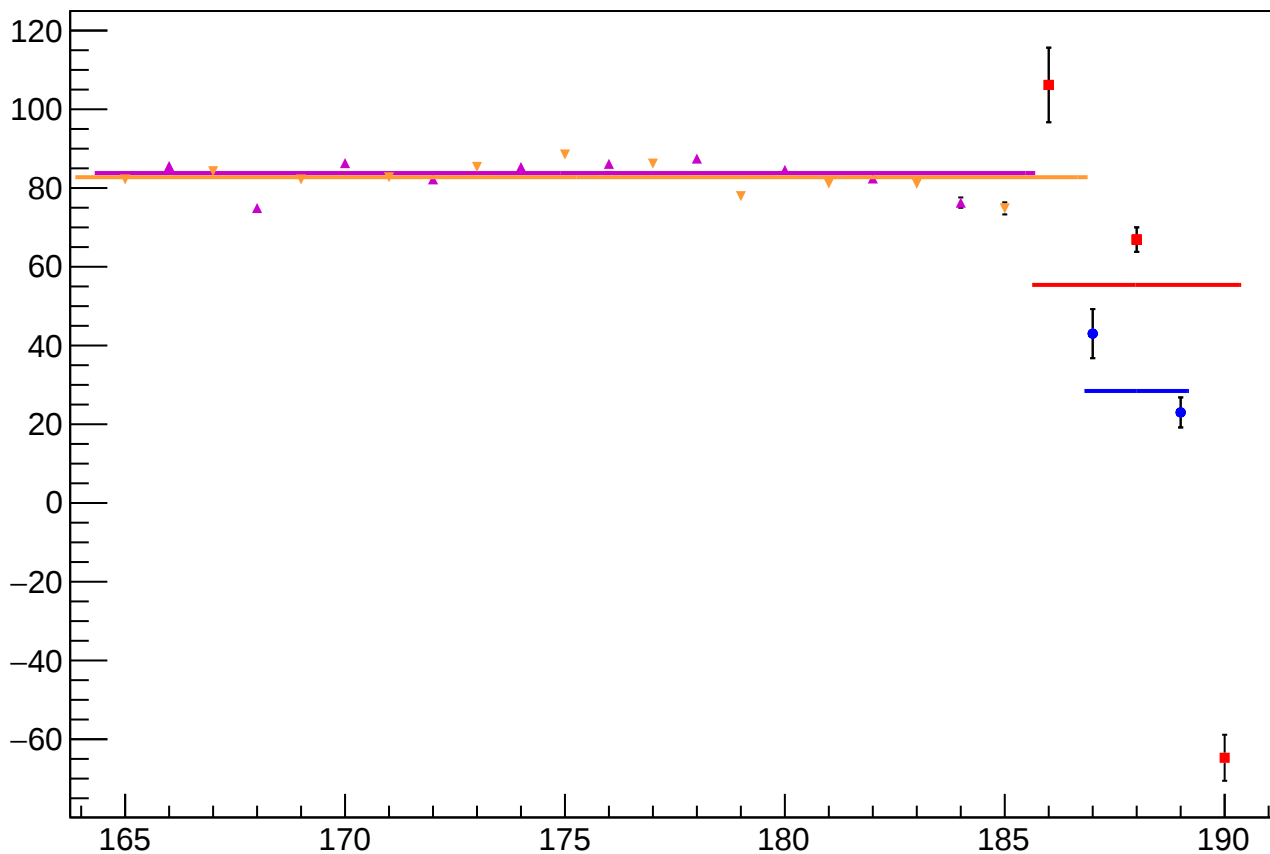
Right: 54.079+/-0.570 χ^2/NDF : 329.0/8

In: 58.306+/-0.302 χ^2/NDF :235.3/13

Out: 57.026+/-0.280 χ^2/NDF :548.9/15

All: 57.617+/-0.205 χ^2/NDF : 793.9/29

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.456 ± 2.301 $\chi^2/\text{NDF}: 15.0/3$

Left Out: 82.746 ± 0.295 $\chi^2/\text{NDF}: 123.4/10$

Right Out: 55.396 ± 1.968 $\chi^2/\text{NDF}: 506.6/4$

Left In: 83.810 ± 0.305 $\chi^2/\text{NDF}: 126.7/9$

Left: 83.259 ± 0.212 $\chi^2/\text{NDF}: 256.3/20$

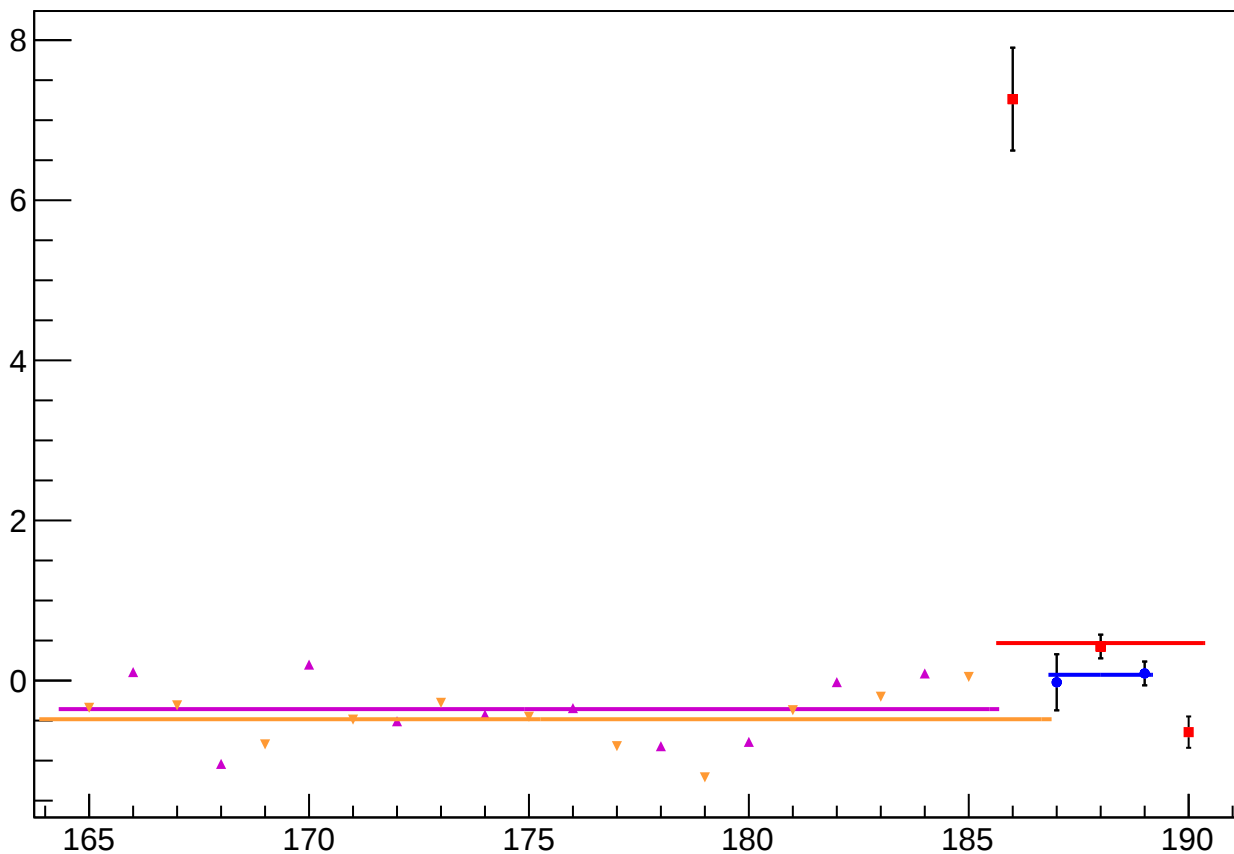
Right: 44.015 ± 1.495 $\chi^2/\text{NDF}: 600.8/8$

In: 82.851 ± 0.303 $\chi^2/\text{NDF}: 710.6/13$

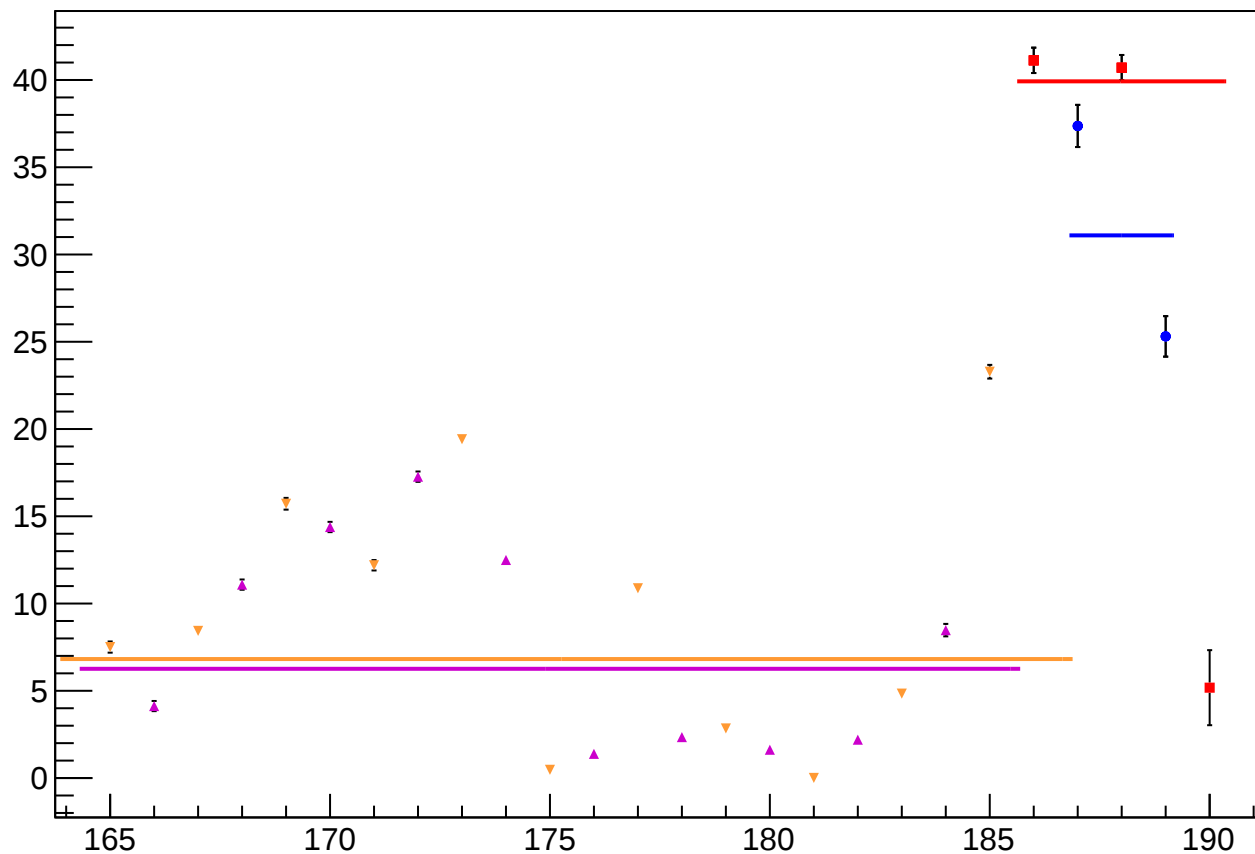
Out: 82.144 ± 0.292 $\chi^2/\text{NDF}: 818.9/15$

All: 82.484 ± 0.210 $\chi^2/\text{NDF}: 1532.4/29$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 6.548 $\pm$ 0.055 χ^2 /NDF: 12795.1/20

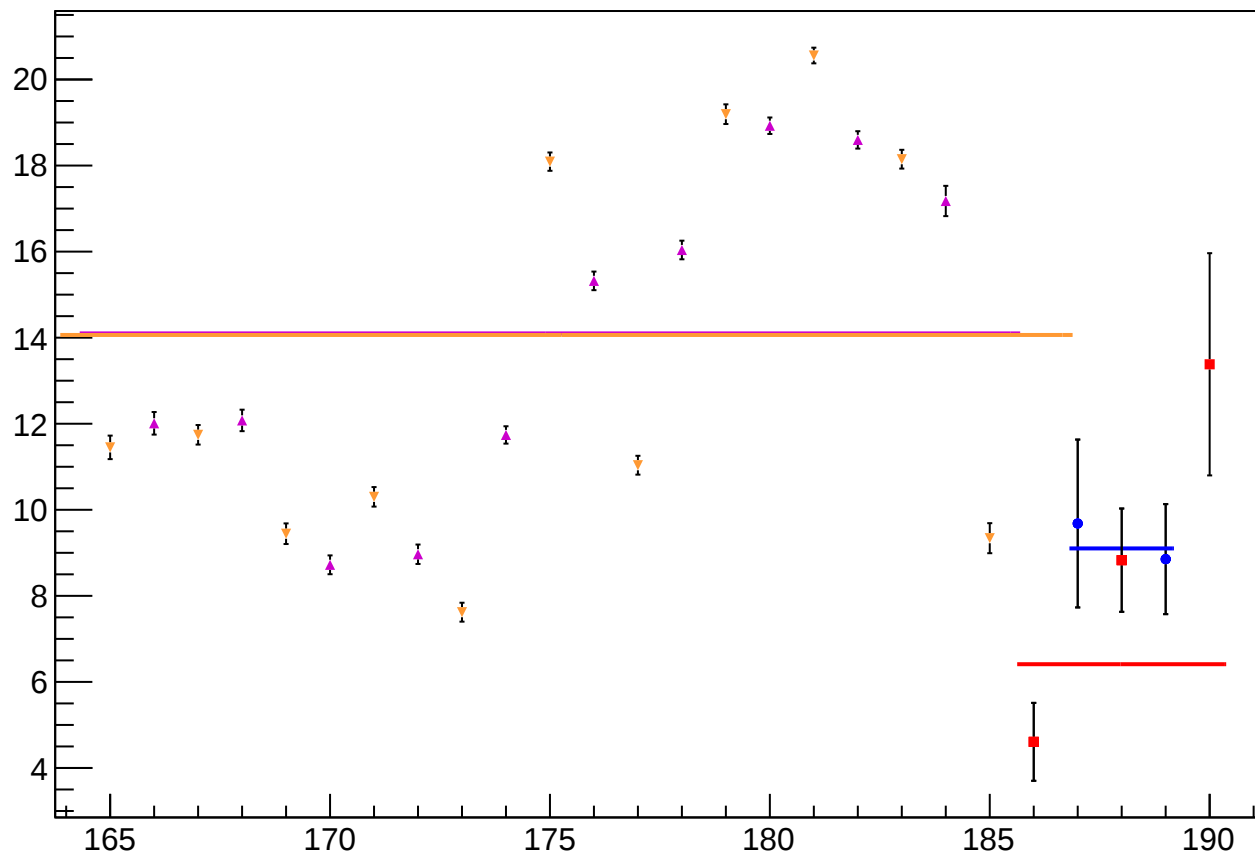
Right: 37.552 $\pm$ 0.307 χ^2 /NDF: 535.1/8

In: 6.691 $\pm$ 0.078 χ^2 /NDF: 6779.5/13

Out: 8.259 $\pm$ 0.075 χ^2 /NDF: 16245.0/15

All: 7.508 $\pm$ 0.054 χ^2 /NDF: 23235.3/29

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 14.081 ± 0.049 χ^2/NDF : 7267.4/20

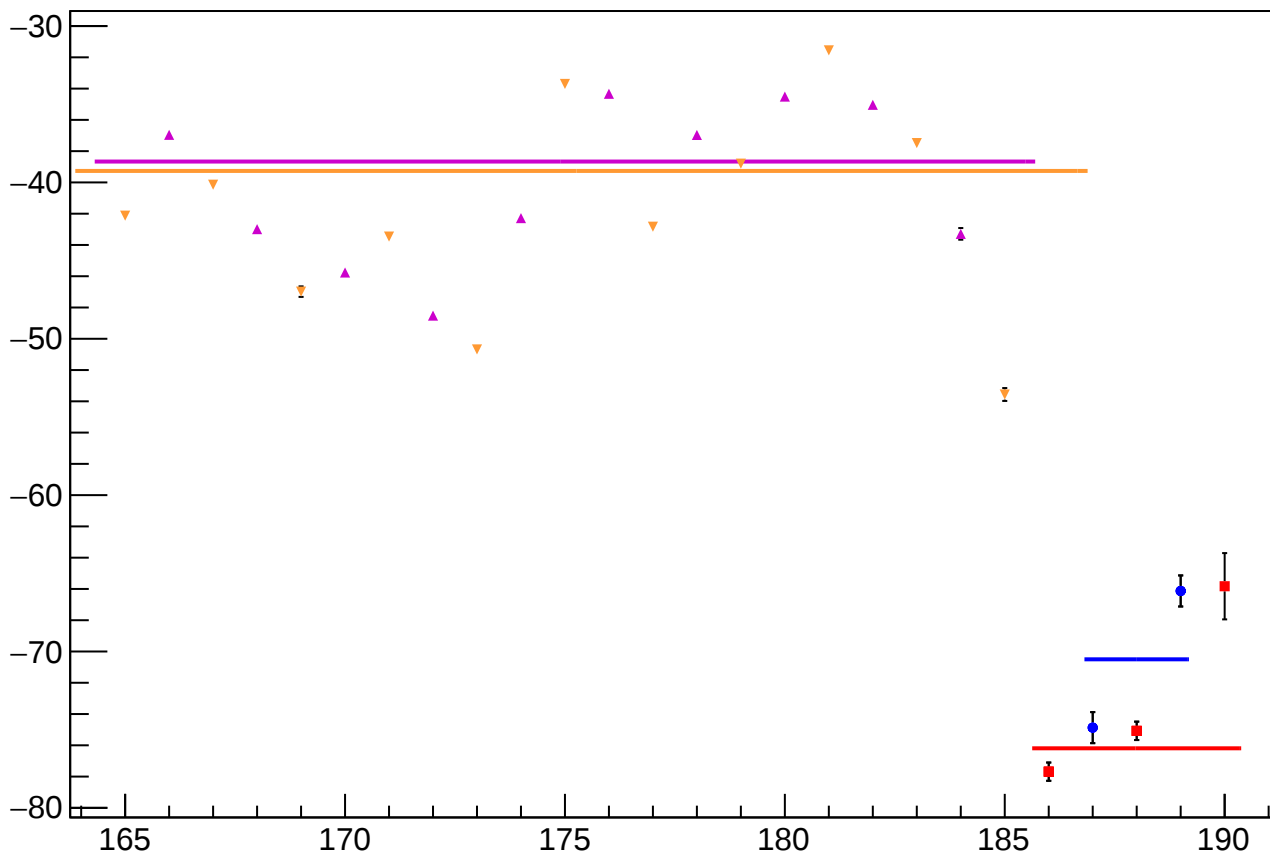
Right: 7.233 ± 0.418 χ^2/NDF : 32.4/8

In: 14.056 ± 0.071 χ^2/NDF : 2751.1/13

Out: 13.922 ± 0.068 χ^2/NDF : 4811.7/15

All: 13.986 ± 0.049 χ^2/NDF : 7564.6/29

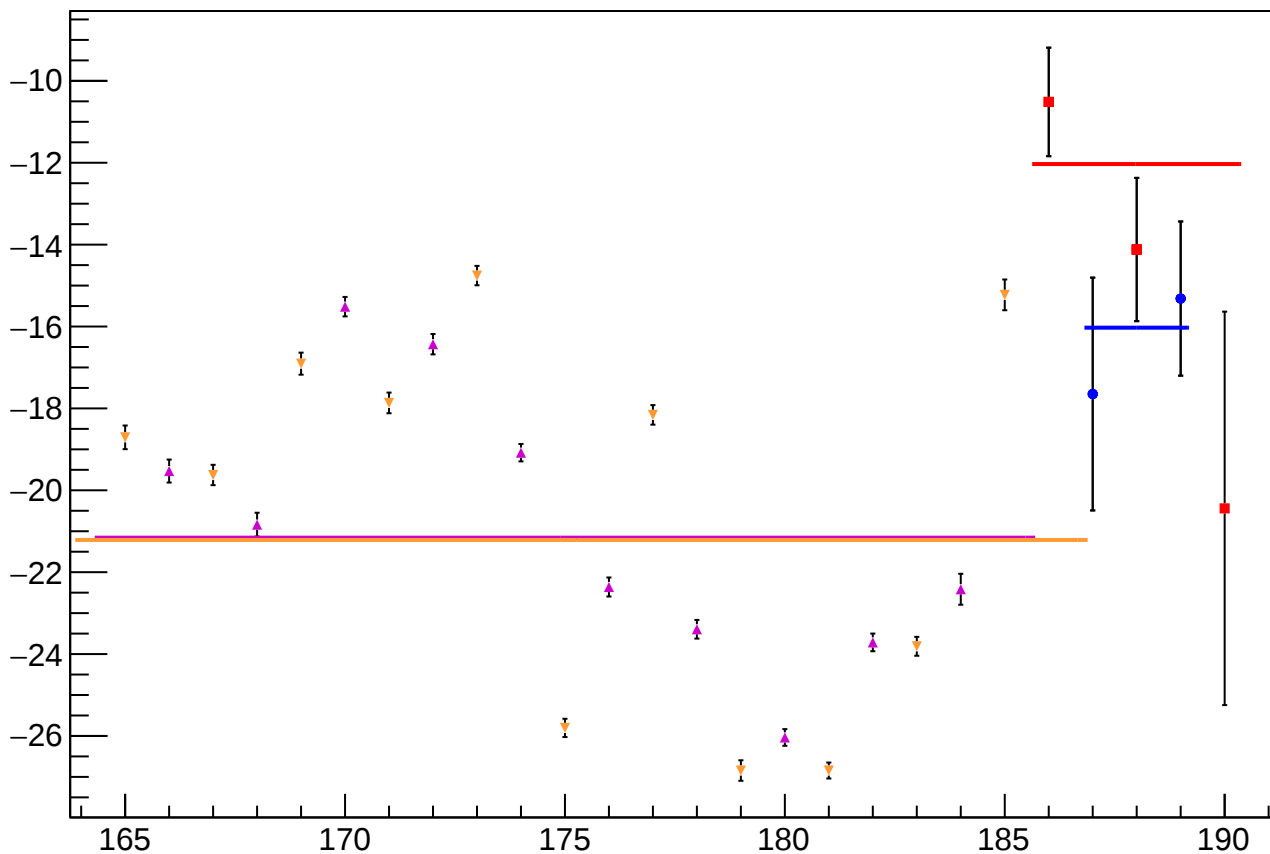
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 3425.4/9$

Left: -38.974 ± 0.056 $\chi^2/\text{NDF}: 9808.3/20$
 Right: -74.742 ± 0.251 $\chi^2/\text{NDF}: 219.6/8$
 In: -39.473 ± 0.079 $\chi^2/\text{NDF}: 7508.6/13$
 Out: -41.743 ± 0.075 $\chi^2/\text{NDF}: 21494.7/15$
 All: -40.665 ± 0.054 $\chi^2/\text{NDF}: 29436.2/29$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



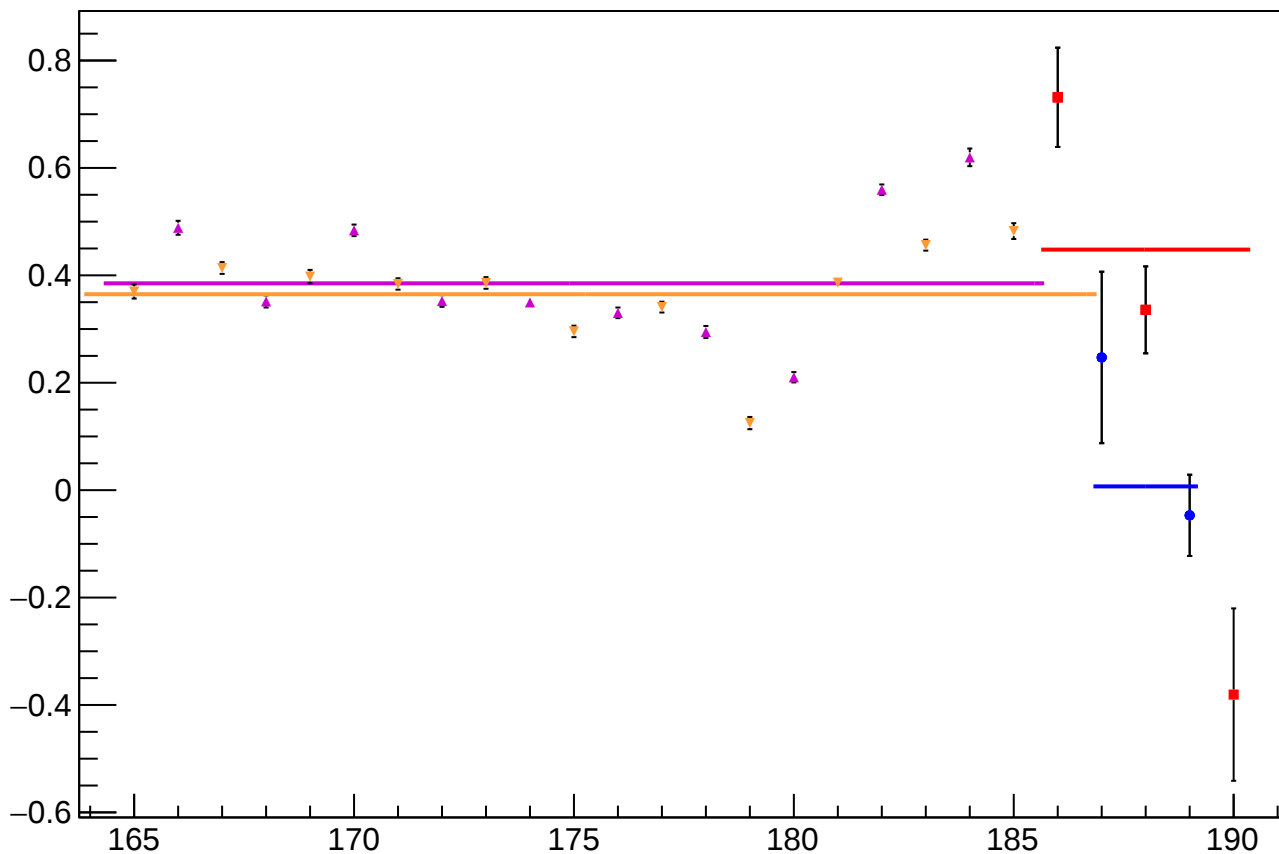
Right In: -16.028 ± 1.110 $\chi^2/\text{NDF}: 0.9/3$
 Left Out: -21.213 ± 0.074 $\chi^2/\text{NDF}: 3600.1/10$
 Right Out: -12.032 ± 0.738 $\chi^2/\text{NDF}: 8.5/4$
 Left In: -21.157 ± 0.076 $\chi^2/\text{NDF}: 1903.0/9$

Left: -21.186 ± 0.053 $\chi^2/\text{NDF}: 5503.4/20$
 Right: -13.257 ± 0.615 $\chi^2/\text{NDF}: 18.5/8$

In: -21.133 ± 0.076 $\chi^2/\text{NDF}: 1925.2/13$
 Out: -21.121 ± 0.074 $\chi^2/\text{NDF}: 3761.8/15$

All: -21.126 ± 0.053 $\chi^2/\text{NDF}: 5687.0/29$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.048 χ^2/NDF : 5.5/3

Left Out: 0.365+/-0.003 χ^2/NDF : 673.2/10

Right Out: 0.448+/-0.042 χ^2/NDF : 49.3/4

Left In: 0.385+/-0.003 χ^2/NDF : 1127.7/9

Left: 0.375+/-0.002 χ^2/NDF : 1819.1/20

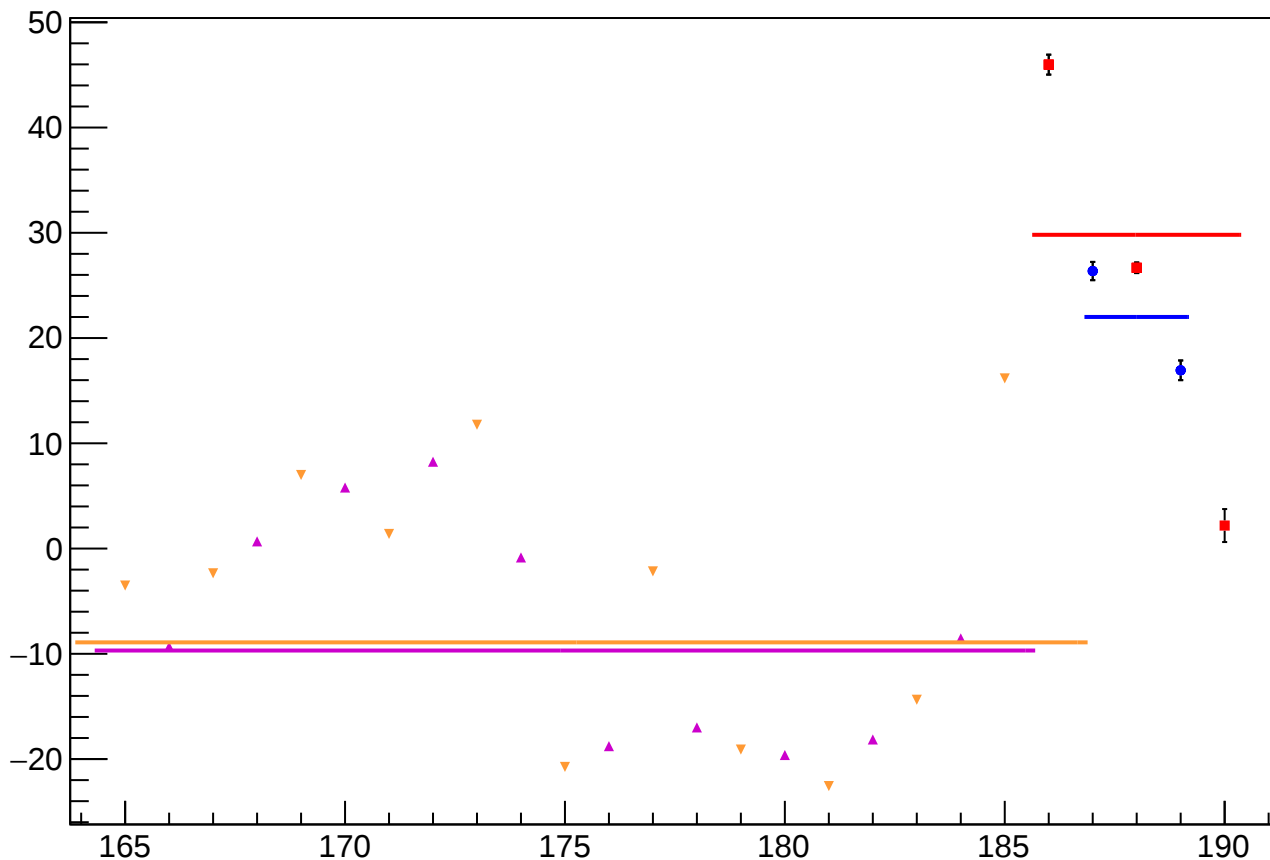
Right: 0.260+/-0.032 χ^2/NDF : 102.7/8

In: 0.383+/-0.003 χ^2/NDF : 1194.1/13

Out: 0.365+/-0.003 χ^2/NDF : 726.4/15

All: 0.374+/-0.002 χ^2/NDF : 1934.8/29

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



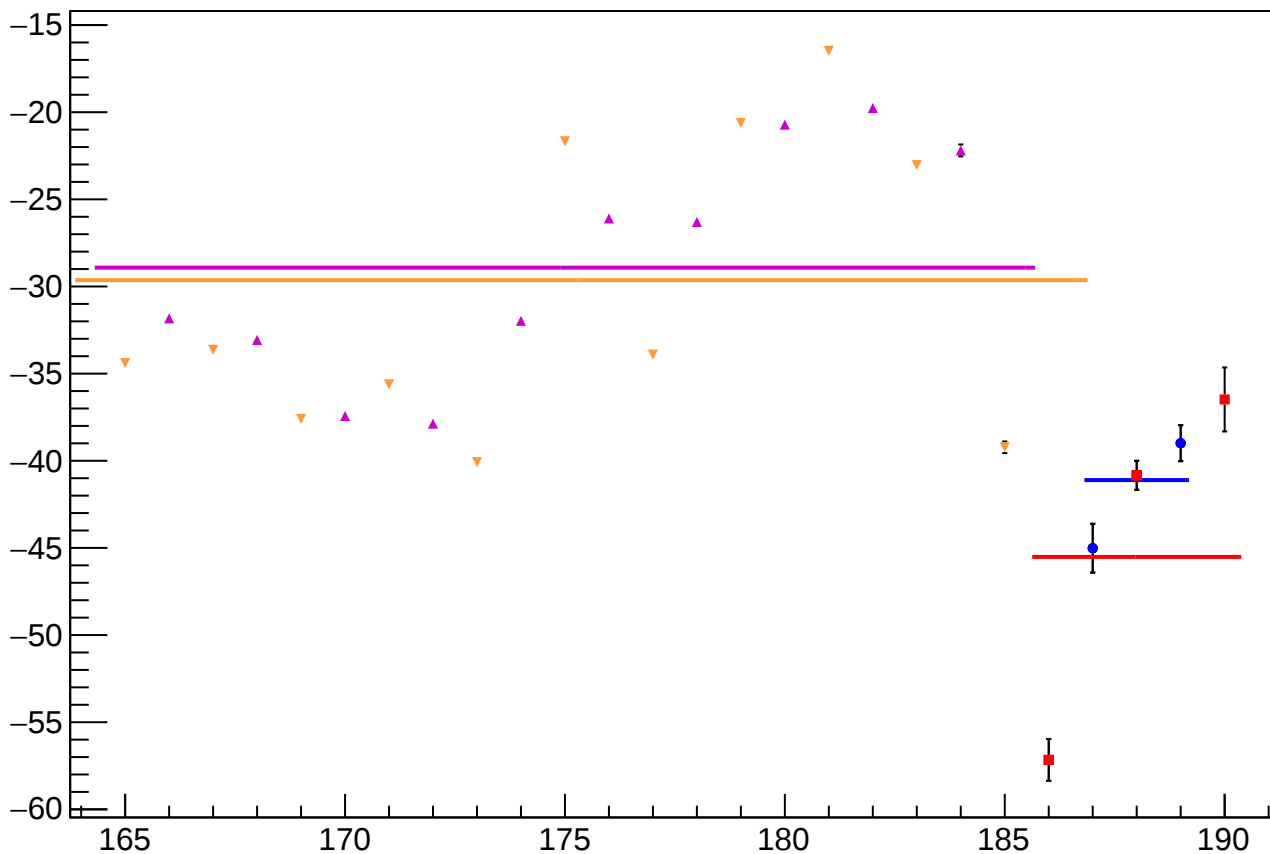
Right In: 22.004 $\pm$ 0.450 χ^2 /NDF: 109.2/3
 Left Out: -8.913 $\pm$ 0.070 χ^2 /NDF:30812.6/10
 Right Out: 29.808 $\pm$ 0.308 χ^2 /NDF: 970.5/4
 Left In: -9.688 $\pm$ 0.072 χ^2 /NDF:19308.6/9

Left: -9.289 $\pm$ 0.050 χ^2 /NDF: 50180.2/20
 Right: 27.319 $\pm$ 0.254 χ^2 /NDF: 1284.6/8

In: -8.888 $\pm$ 0.072 χ^2 /NDF:24253.6/13
 Out: -6.998 $\pm$ 0.068 χ^2 /NDF:46813.8/15

All: -7.902 $\pm$ 0.049 χ^2 /NDF: 71431.8/29

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 9498.2/9$

Left: -29.291 ± 0.045 $\chi^2/\text{NDF}: 26815.1/20$

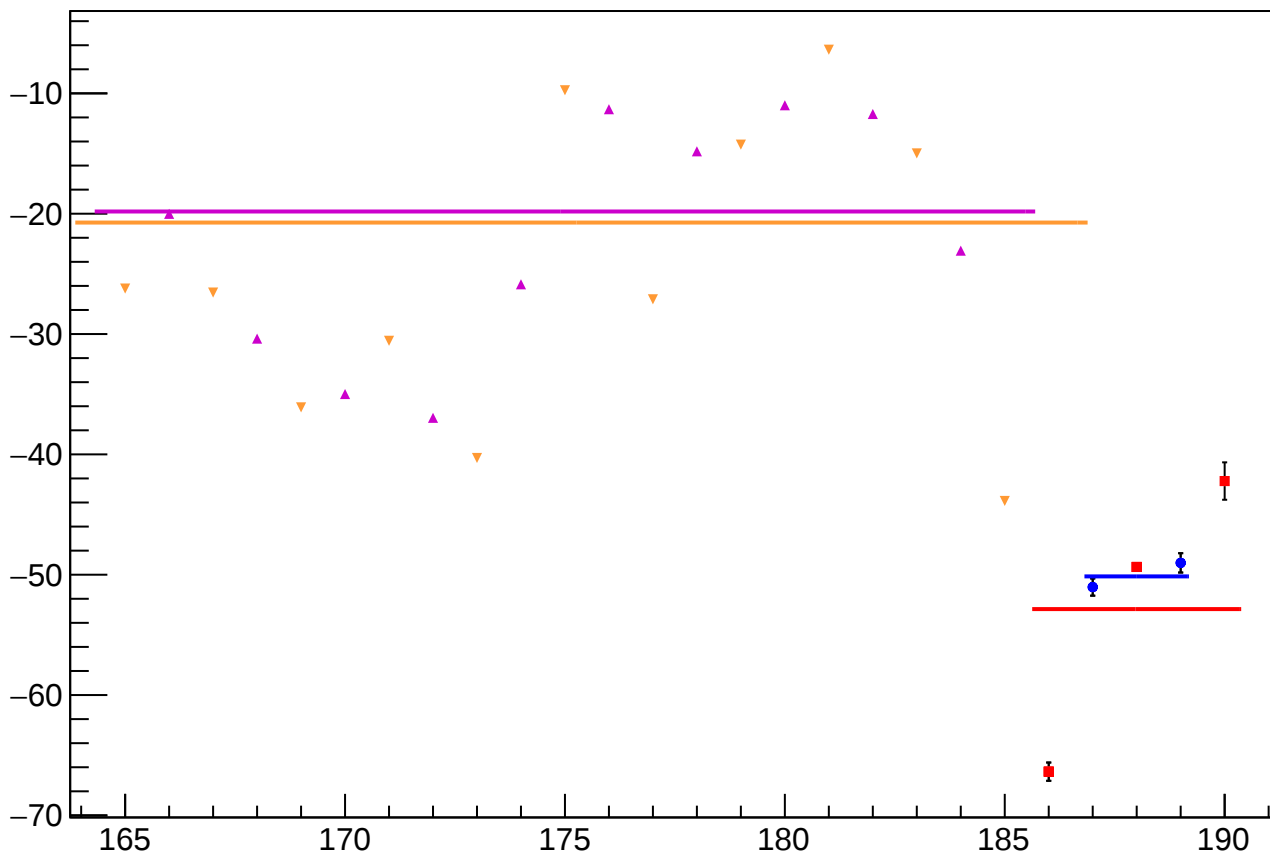
Right: -43.809 ± 0.366 $\chi^2/\text{NDF}: 335.3/8$

In: -29.066 ± 0.065 $\chi^2/\text{NDF}: 9947.6/13$

Out: -29.916 ± 0.062 $\chi^2/\text{NDF}: 18666.8/15$

All: -29.509 ± 0.045 $\chi^2/\text{NDF}: 28704.4/29$

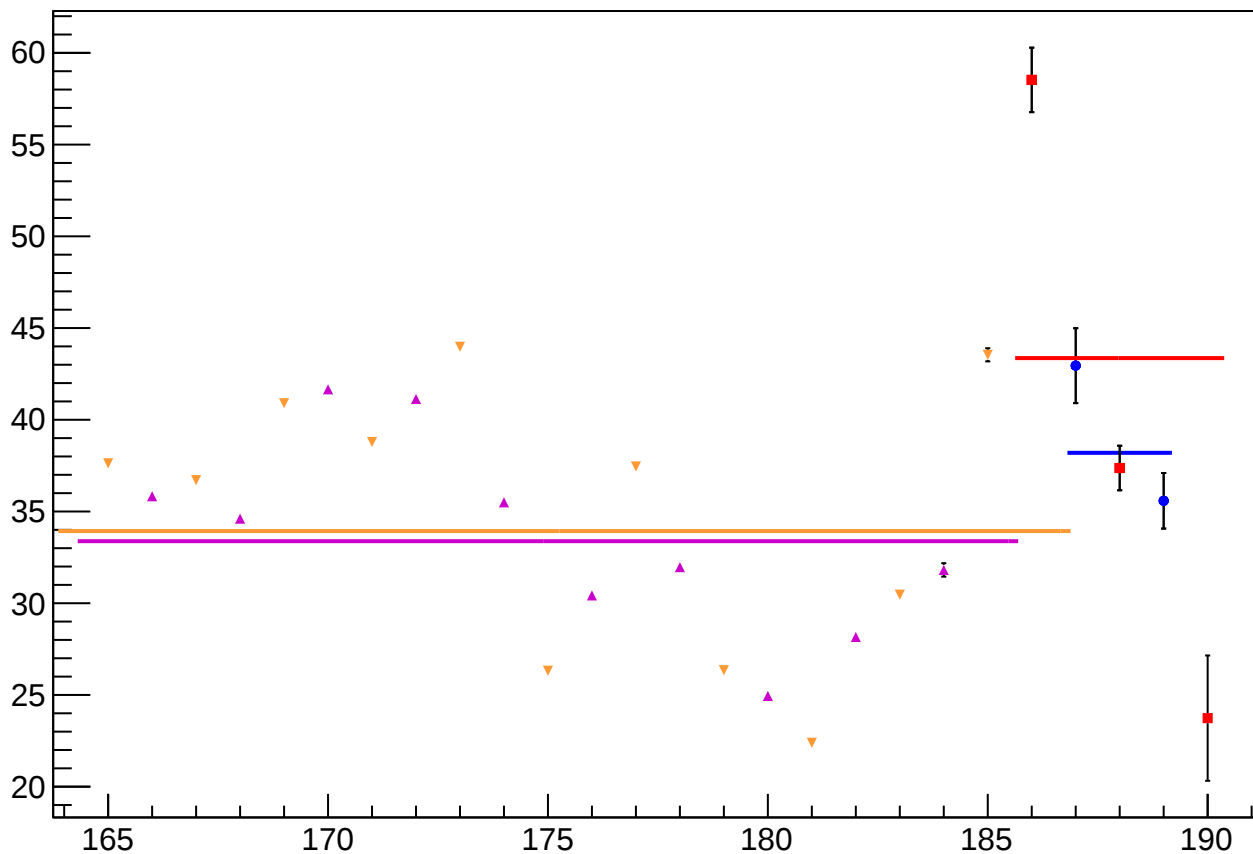
reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.140 ± 0.377 $\chi^2/\text{NDF}: 7.0/3$
 Left Out: -20.736 ± 0.071 $\chi^2/\text{NDF}: 26527.6/10$
 Right Out: -52.857 ± 0.250 $\chi^2/\text{NDF}: 828.8/4$
 Left In: -19.816 ± 0.074 $\chi^2/\text{NDF}: 15860.5/9$

Left: -20.291 ± 0.051 $\chi^2/\text{NDF}: 42468.2/20$
 Right: -52.028 ± 0.208 $\chi^2/\text{NDF}: 871.9/8$
 In: -20.935 ± 0.072 $\chi^2/\text{NDF}: 22094.0/13$
 Out: -23.162 ± 0.069 $\chi^2/\text{NDF}: 42629.6/15$
 All: -22.107 ± 0.050 $\chi^2/\text{NDF}: 65221.5/29$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.199 $\pm$ 0.860 χ^2/NDF : 16.8/3

Left Out: 33.934 $\pm$ 0.068 χ^2/NDF : 11408.8/10

Right Out: 43.362 $\pm$ 0.692 χ^2/NDF : 230.5/4

Left In: 33.382 $\pm$ 0.070 χ^2/NDF : 5683.9/9

Left: 33.668 $\pm$ 0.049 χ^2/NDF : 17124.7/20

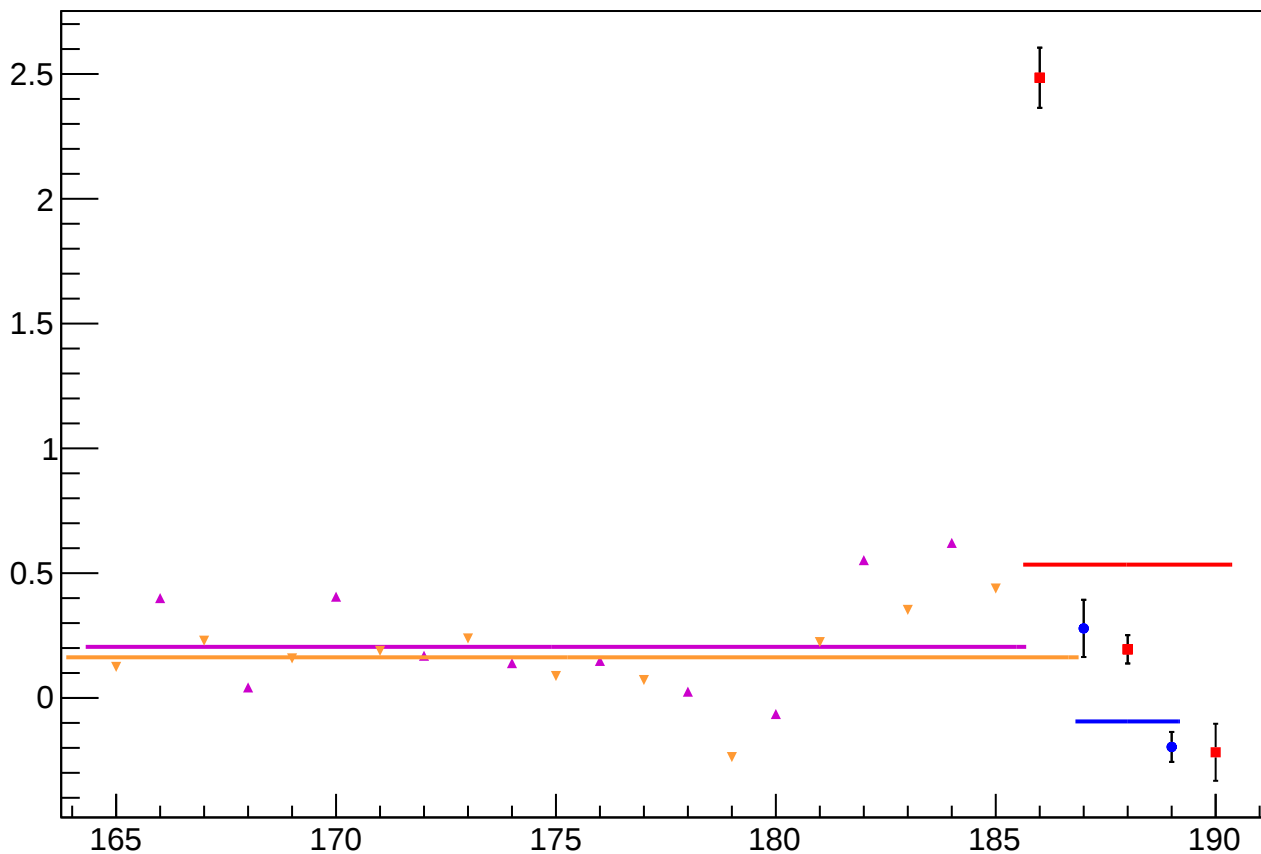
Right: 41.335 $\pm$ 0.539 χ^2/NDF : 269.2/8

In: 33.414 $\pm$ 0.070 χ^2/NDF : 5731.8/13

Out: 34.023 $\pm$ 0.067 χ^2/NDF : 11823.3/15

All: 33.730 $\pm$ 0.049 χ^2/NDF : 17594.5/29

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.094+/-0.038 χ^2/NDF : 26.9/3

Left Out: 0.163+/-0.003 χ^2/NDF :2572.6/10

Right Out: 0.534+/-0.035 χ^2/NDF : 638.2/4

Left In: 0.205+/-0.003 χ^2/NDF :4225.5/9

Left: 0.183+/-0.002 χ^2/NDF : 6891.5/20

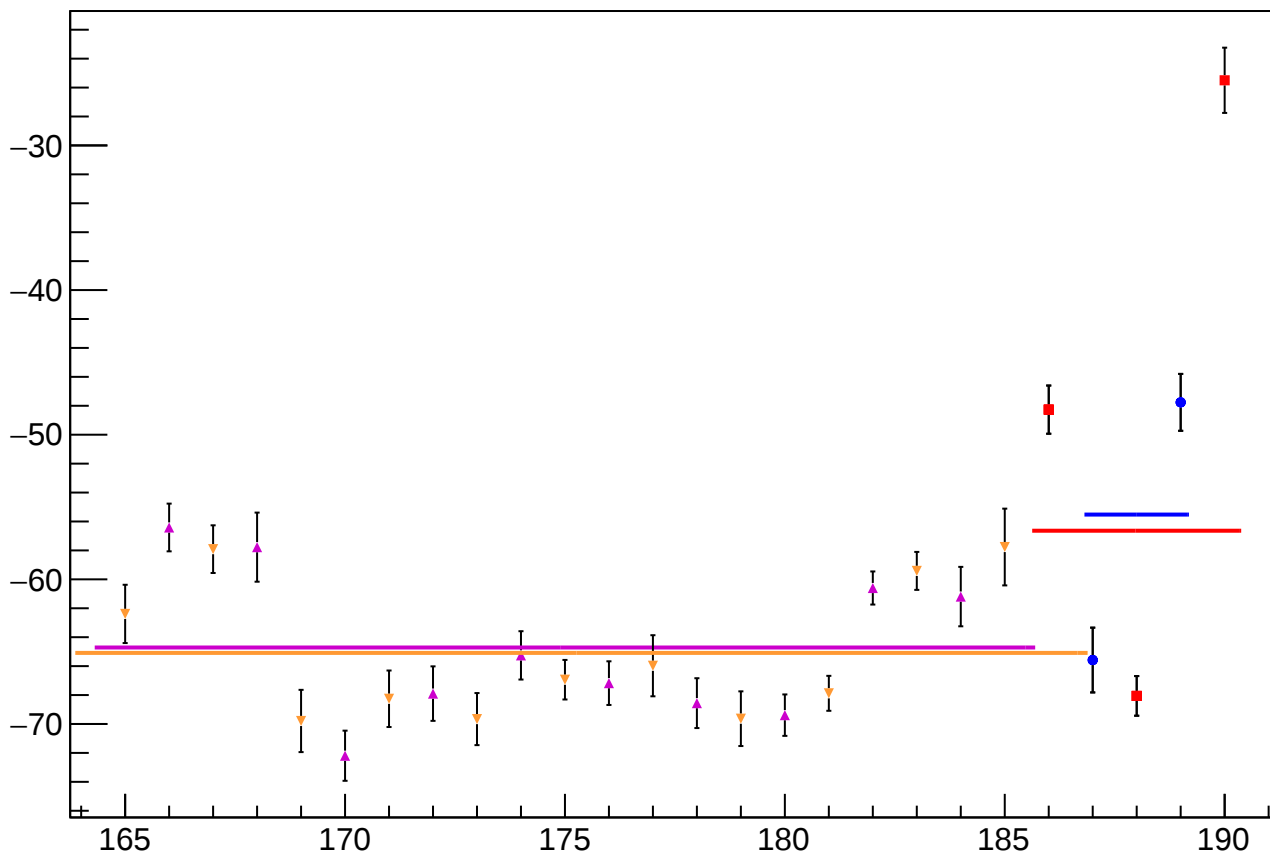
Right: 0.246+/-0.025 χ^2/NDF : 816.4/8

In: 0.203+/-0.003 χ^2/NDF :4315.3/13

Out: 0.166+/-0.003 χ^2/NDF :3325.1/15

All: 0.184+/-0.002 χ^2/NDF : 7714.0/29

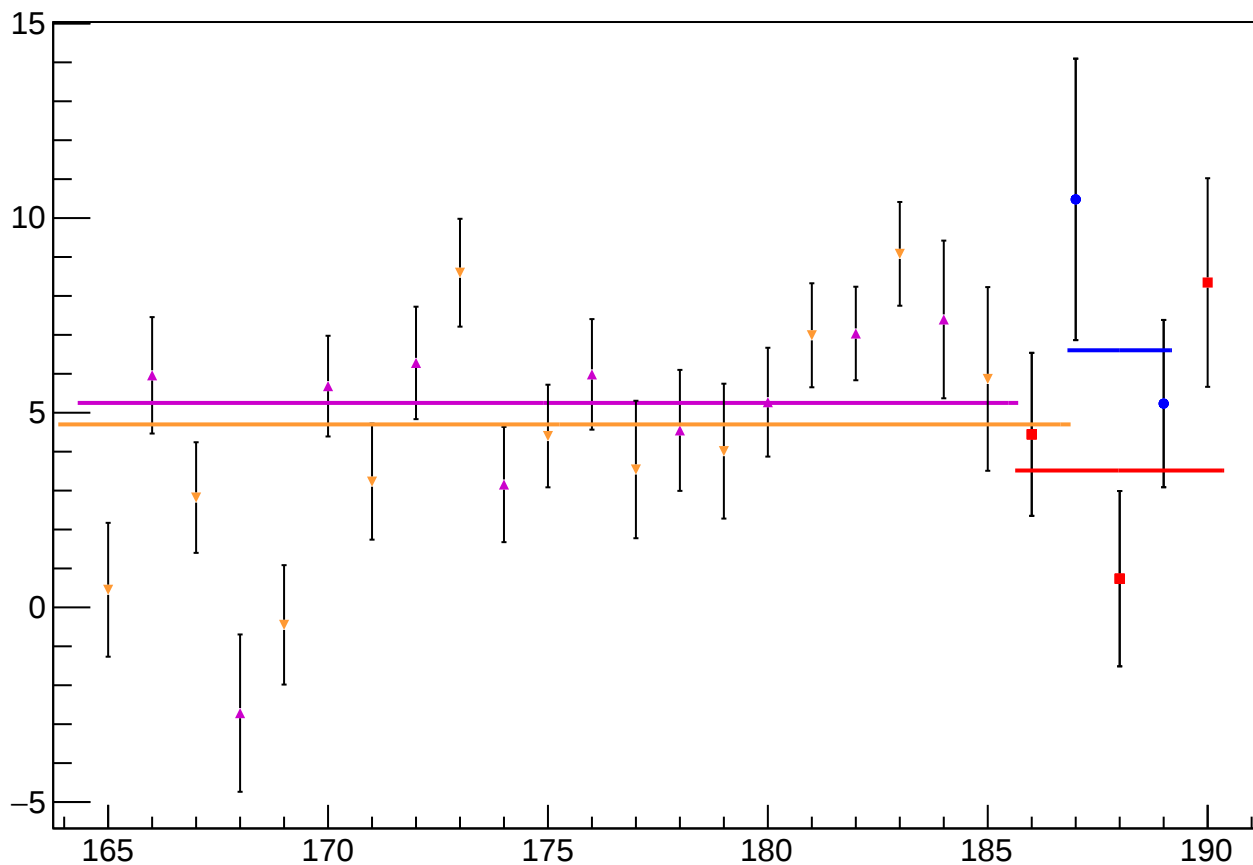
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -55.522 ± 1.045 $\chi^2/\text{NDF}: 71.5/3$
 Left Out: -65.086 ± 0.510 $\chi^2/\text{NDF}: 74.0/10$
 Right Out: -56.638 ± 0.710 $\chi^2/\text{NDF}: 379.9/4$
 Left In: -64.712 ± 0.514 $\chi^2/\text{NDF}: 89.5/9$

Left: -64.901 ± 0.362 $\chi^2/\text{NDF}: 163.8/20$
 Right: -56.285 ± 0.588 $\chi^2/\text{NDF}: 452.2/8$
 In: -62.920 ± 0.461 $\chi^2/\text{NDF}: 223.3/13$
 Out: -62.214 ± 0.414 $\chi^2/\text{NDF}: 547.3/15$
 All: -62.529 ± 0.308 $\chi^2/\text{NDF}: 771.8/29$

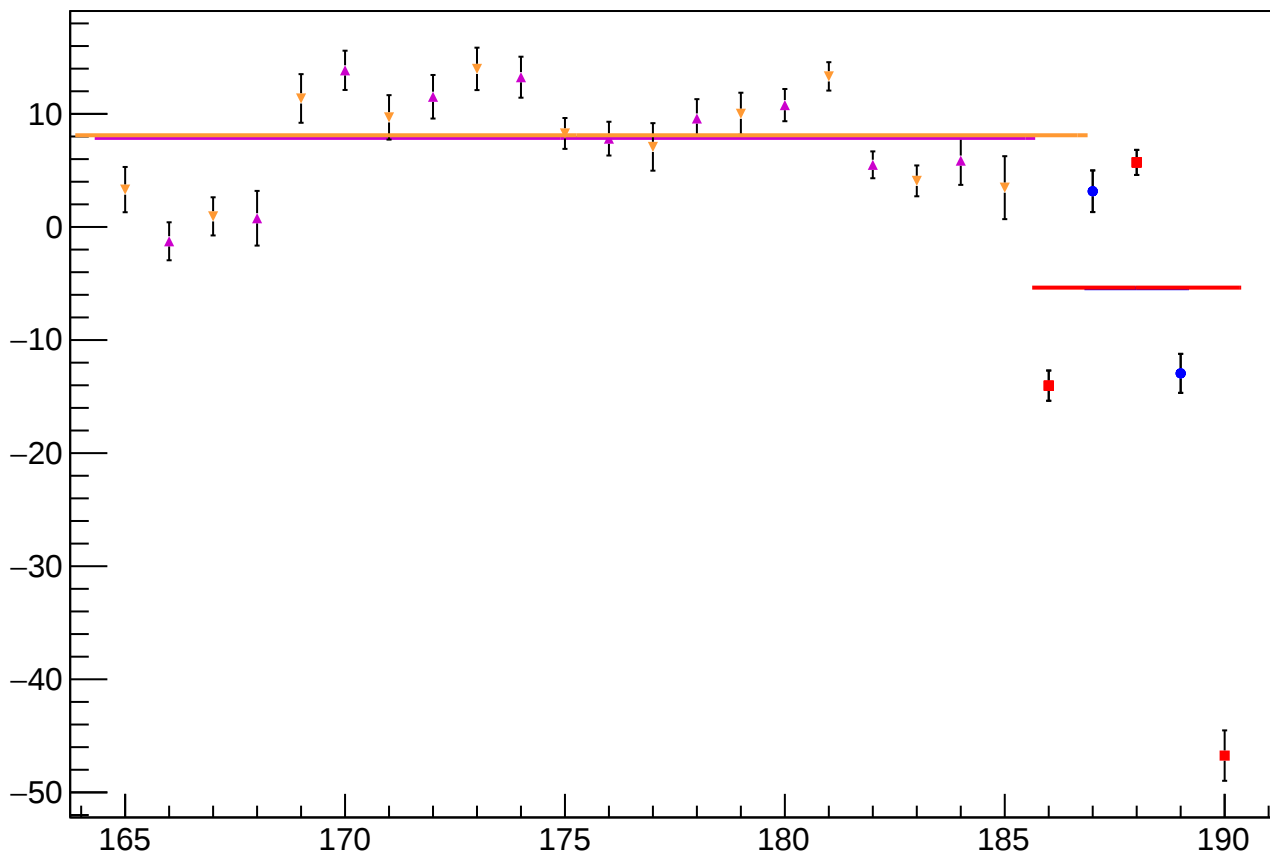
reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 4.971 $\pm$ 0.327 χ^2 /NDF: 65.5/20
 Right: 4.665 $\pm$ 0.796 χ^2 /NDF: 13.3/8
 In: 5.405 $\pm$ 0.440 χ^2 /NDF:26.3/13
 Out: 4.496 $\pm$ 0.417 χ^2 /NDF:50.5/15
 All: 4.926 $\pm$ 0.303 χ^2 /NDF: 79.0/29

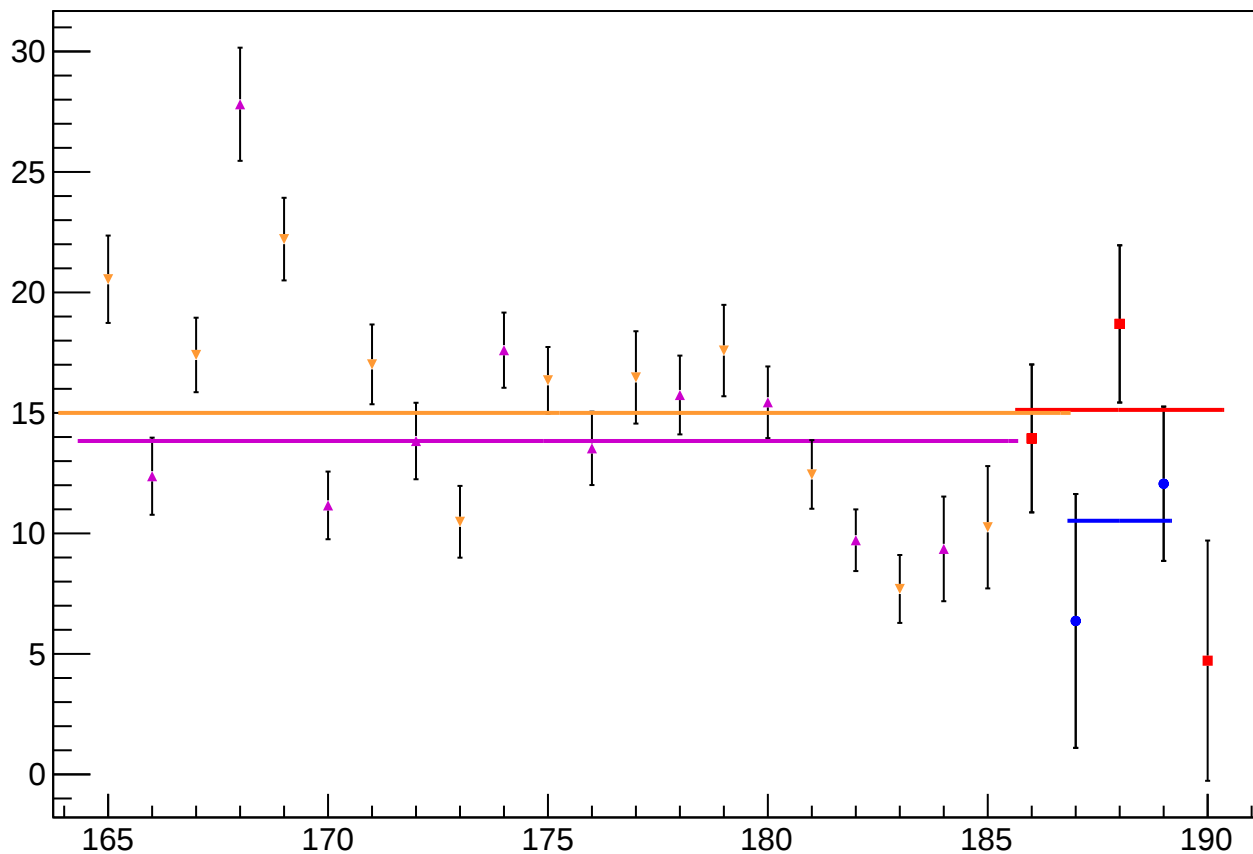
reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 7.995 ± 0.369 χ^2/NDF : 139.1/20
 Right: -5.379 ± 0.487 χ^2/NDF : 709.7/8
 In: 4.455 ± 0.452 χ^2/NDF : 319.6/13
 Out: 2.147 ± 0.388 χ^2/NDF : 993.0/15
 All: 3.125 ± 0.294 χ^2/NDF : 1327.6/29

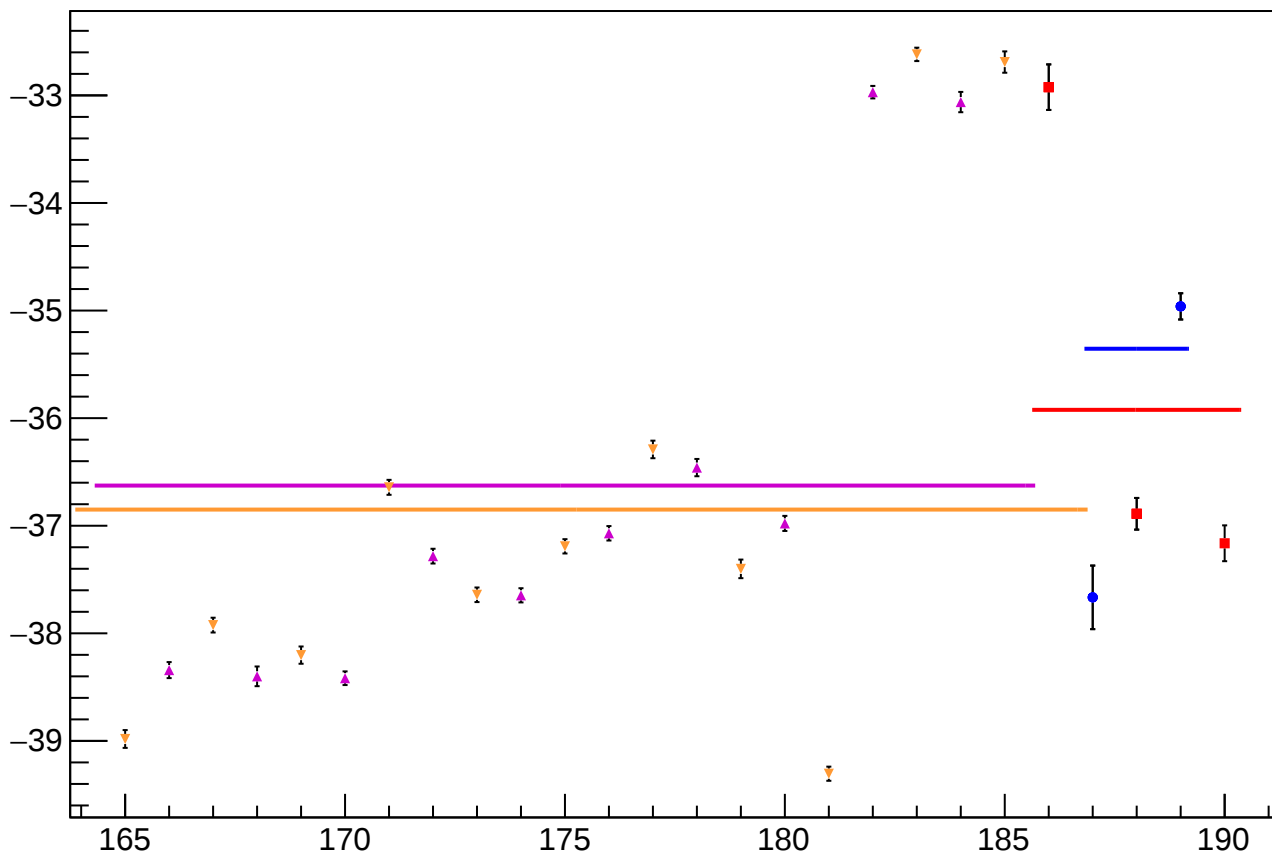
reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.525 $\pm$ 1.934 χ^2/NDF : 1.7/3
 Left Out: 15.001 $\pm$ 0.494 χ^2/NDF : 77.2/10
 Right Out: 15.126 $\pm$ 1.507 χ^2/NDF : 7.0/4
 Left In: 13.836 $\pm$ 0.502 χ^2/NDF : 62.9/9

Left: 14.428 $\pm$ 0.352 χ^2/NDF : 142.8/20
 Right: 13.389 $\pm$ 1.189 χ^2/NDF : 12.3/8
 In: 13.627 $\pm$ 0.486 χ^2/NDF : 67.3/13
 Out: 15.013 $\pm$ 0.469 χ^2/NDF : 84.2/15
 All: 14.345 $\pm$ 0.338 χ^2/NDF : 155.8/29

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



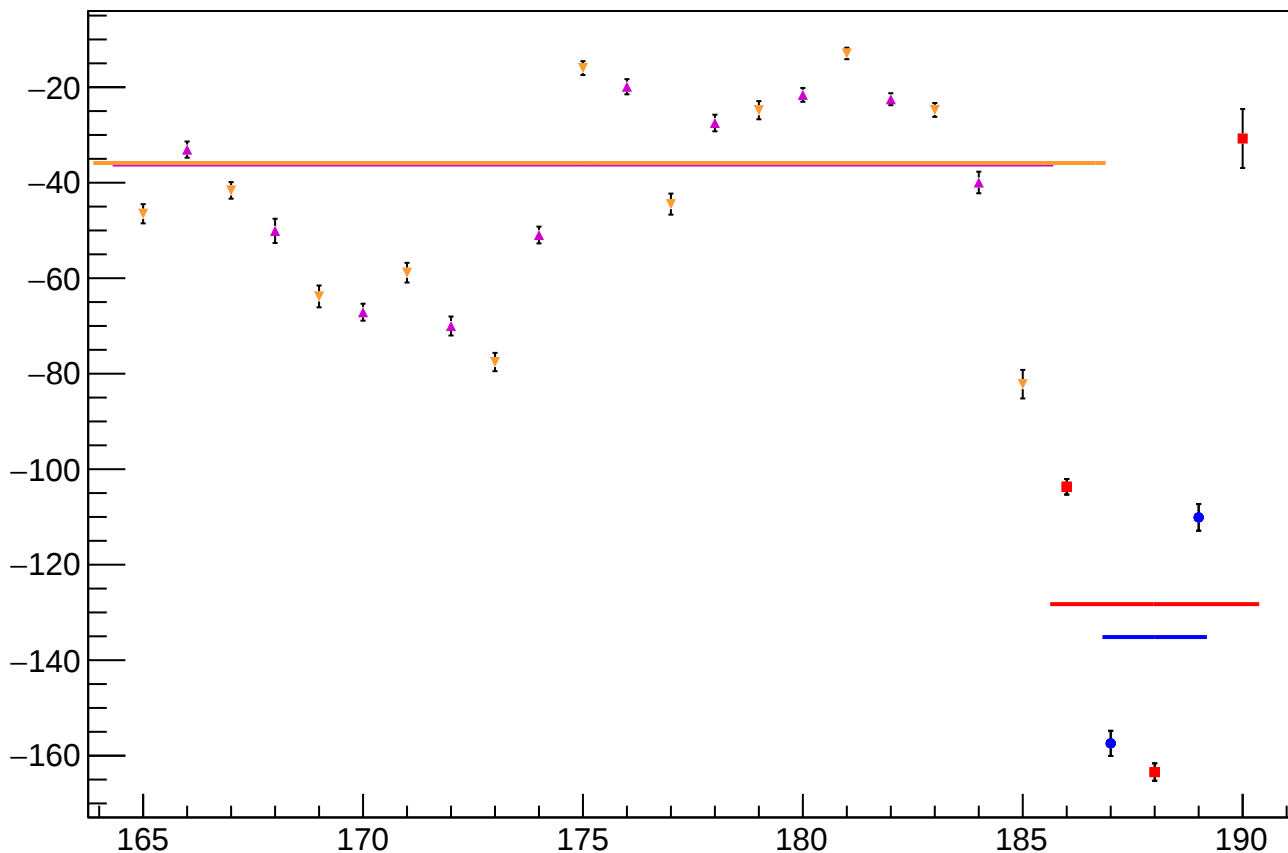
Right In: -35.355 ± 0.080 $\chi^2/\text{NDF}: 143.2/3$
 Left Out: -36.850 ± 0.022 $\chi^2/\text{NDF}: 9214.6/10$
 Right Out: -35.923 ± 0.076 $\chi^2/\text{NDF}: 543.2/4$
 Left In: -36.627 ± 0.022 $\chi^2/\text{NDF}: 7487.4/9$

Left: -36.740 ± 0.016 $\chi^2/\text{NDF}: 16752.0/20$
 Right: -35.652 ± 0.055 $\chi^2/\text{NDF}: 712.9/8$

In: -36.533 ± 0.022 $\chi^2/\text{NDF}: 7866.3/13$
 Out: -36.777 ± 0.021 $\chi^2/\text{NDF}: 9894.9/15$

All: -36.657 ± 0.015 $\chi^2/\text{NDF}: 17826.0/29$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -36.026 ± 0.379 χ^2/NDF : 2736.7/20

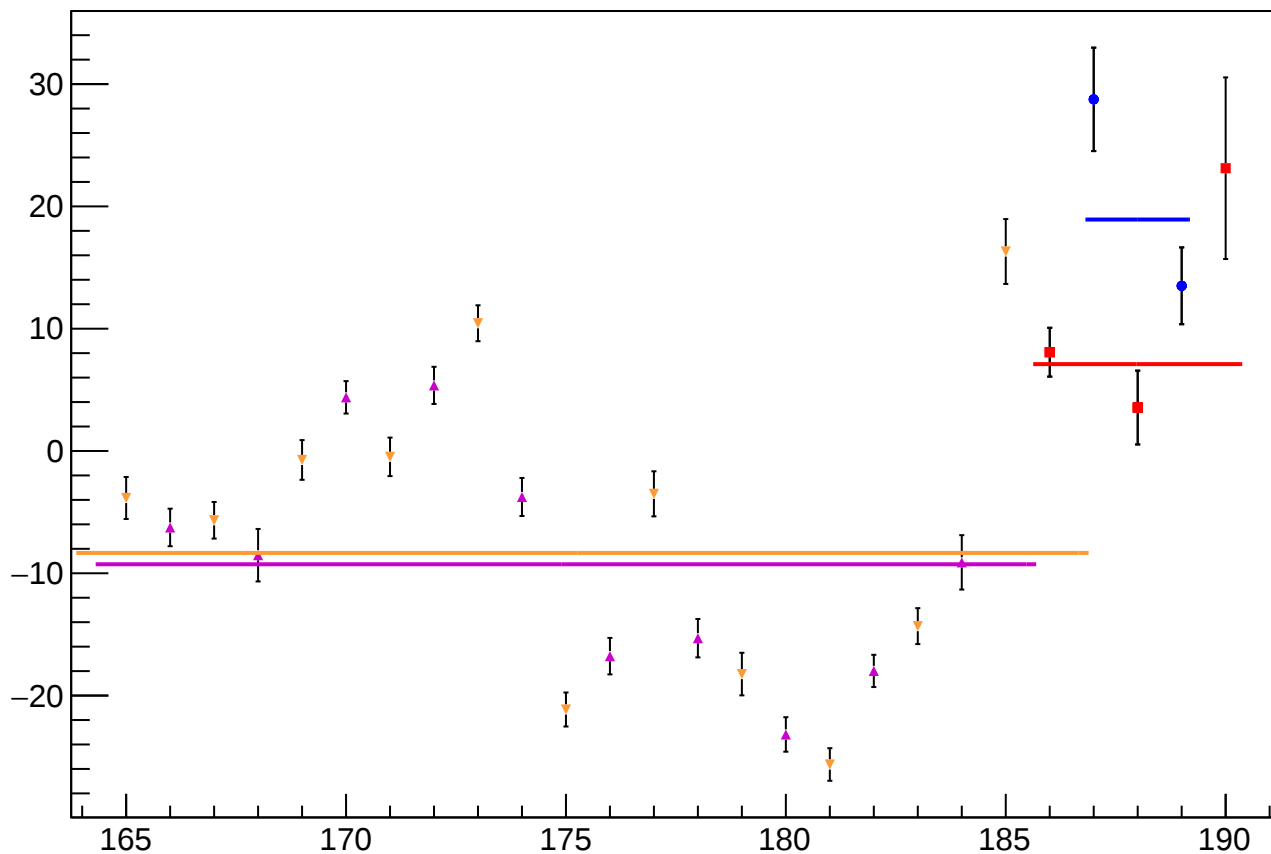
Right: -130.219 ± 0.722 χ^2/NDF : 1765.5/8

In: -49.771 ± 0.502 χ^2/NDF : 5962.1/13

Out: -61.850 ± 0.452 χ^2/NDF : 11569.4/15

All: -56.435 ± 0.336 χ^2/NDF : 17851.4/29

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.926 ± 1.783 $\chi^2/\text{NDF}: 16.8/3$

Left Out: -8.335 ± 0.480 $\chi^2/\text{NDF}: 615.7/10$

Right Out: 7.102 ± 1.163 $\chi^2/\text{NDF}: 7.9/4$

Left In: -9.264 ± 0.488 $\chi^2/\text{NDF}: 396.5/9$

Left: -8.792 ± 0.342 $\chi^2/\text{NDF}: 1014.1/20$

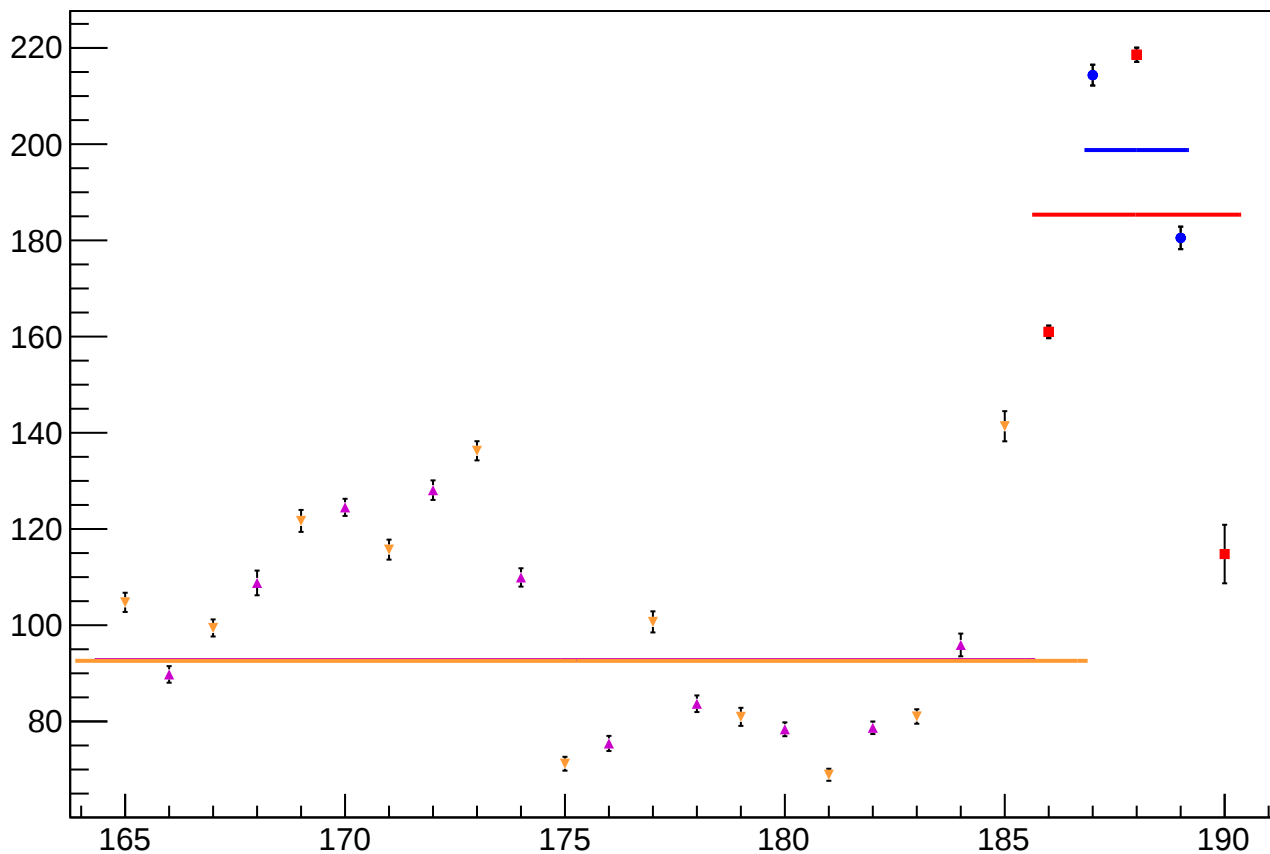
Right: 10.633 ± 0.974 $\chi^2/\text{NDF}: 55.5/8$

In: -7.297 ± 0.471 $\chi^2/\text{NDF}: 645.8/13$

Out: -6.089 ± 0.444 $\chi^2/\text{NDF}: 774.1/15$

All: -6.657 ± 0.323 $\chi^2/\text{NDF}: 1423.4/29$

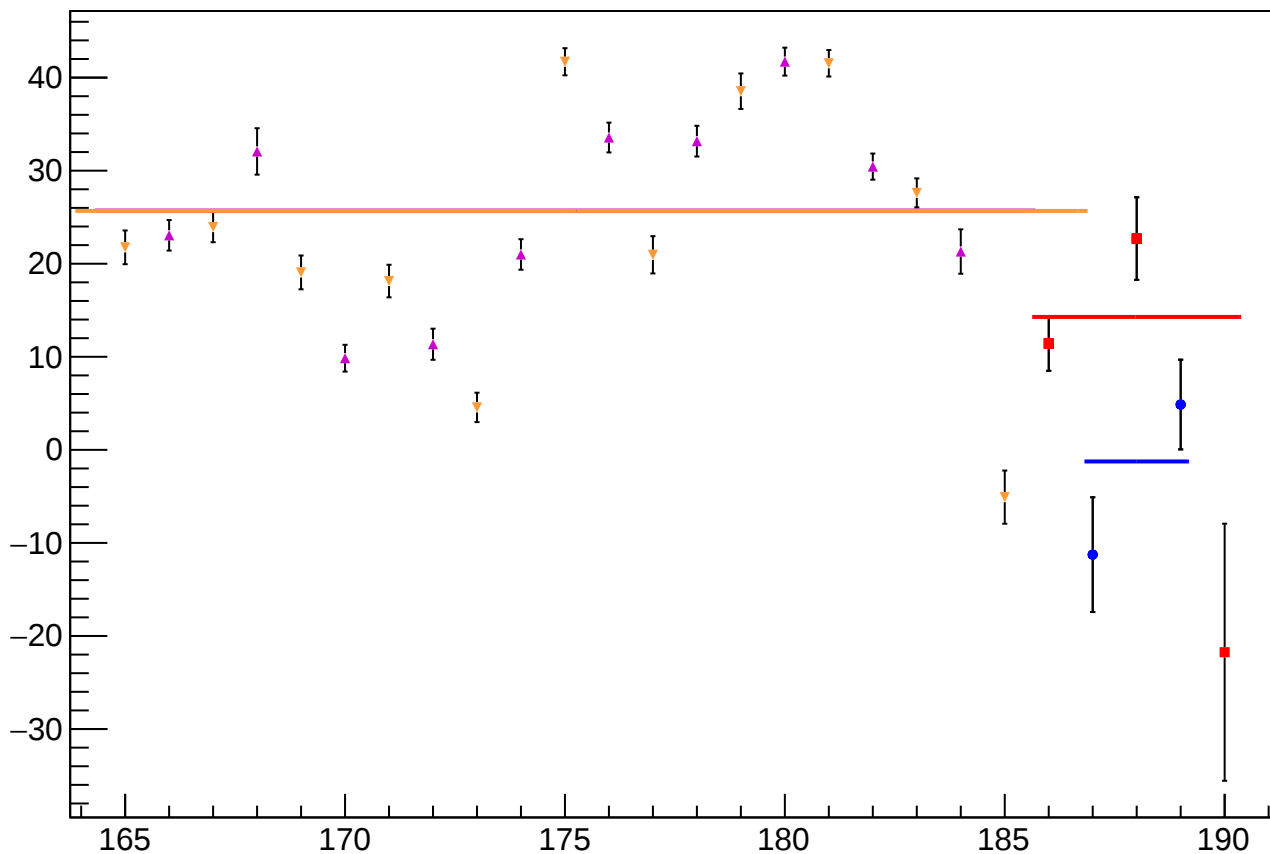
reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 198.775 $\pm$ 1.123 χ^2/NDF : 225.7/3
 Left Out: 92.600 $\pm$ 0.543 χ^2/NDF :1748.8/10
 Right Out: 185.345 $\pm$ 0.687 χ^2/NDF : 1847.3/4
 Left In: 92.769 $\pm$ 0.550 χ^2/NDF :1110.7/9

Left: 92.683 $\pm$ 0.386 χ^2/NDF : 2859.6/20
 Right: 189.002 $\pm$ 0.586 χ^2/NDF : 2177.2/8
 In: 113.271 $\pm$ 0.494 χ^2/NDF :8529.4/13
 Out: 128.261 $\pm$ 0.426 χ^2/NDF :14824.9/15
 All: 121.867 $\pm$ 0.322 χ^2/NDF : 23883.1/29

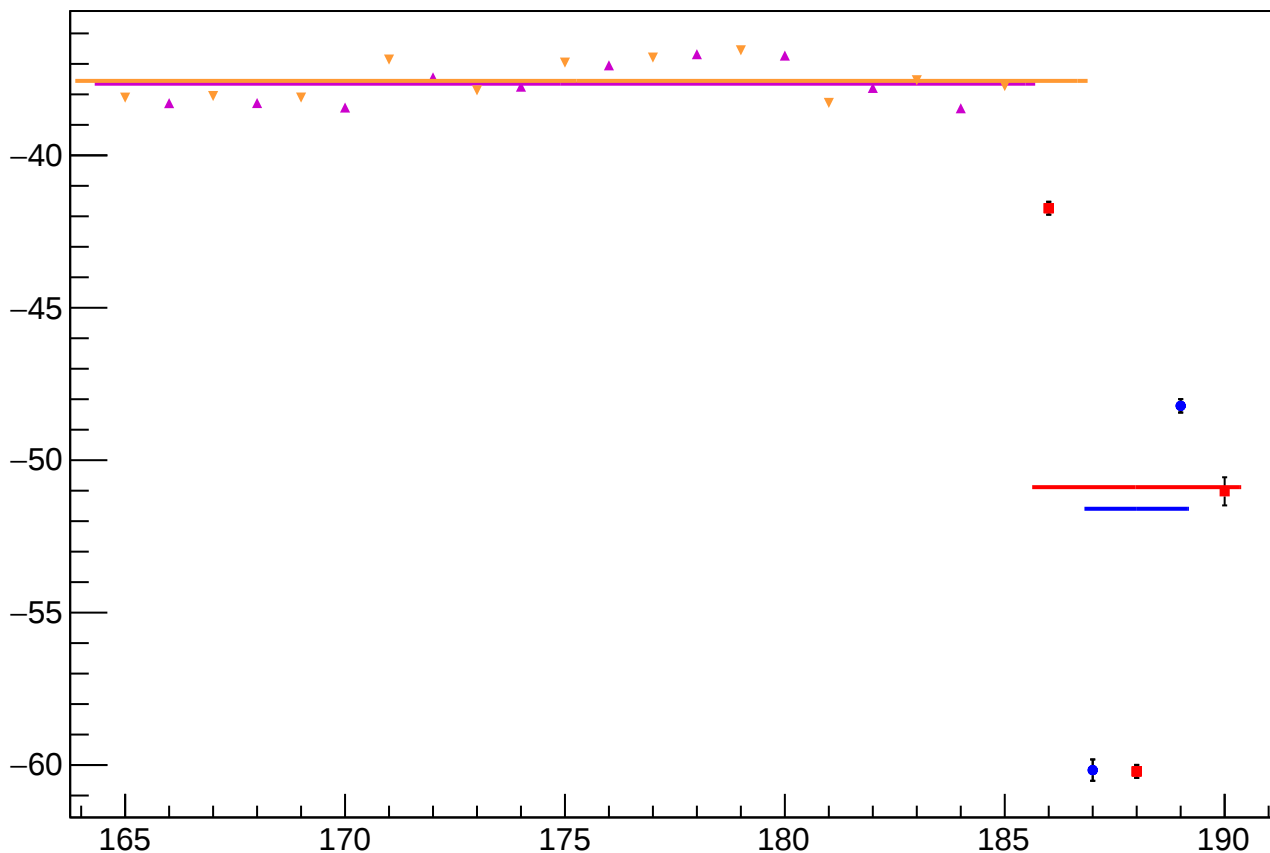
reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 25.694+/-0.369 χ^2/NDF : 1015.6/20
 Right: 9.782+/-1.446 χ^2/NDF : 48.2/8
 In: 24.722+/-0.515 χ^2/NDF :491.1/13
 Out: 24.725+/-0.495 χ^2/NDF :686.4/15
 All: 24.724+/-0.357 χ^2/NDF : 1177.5/29

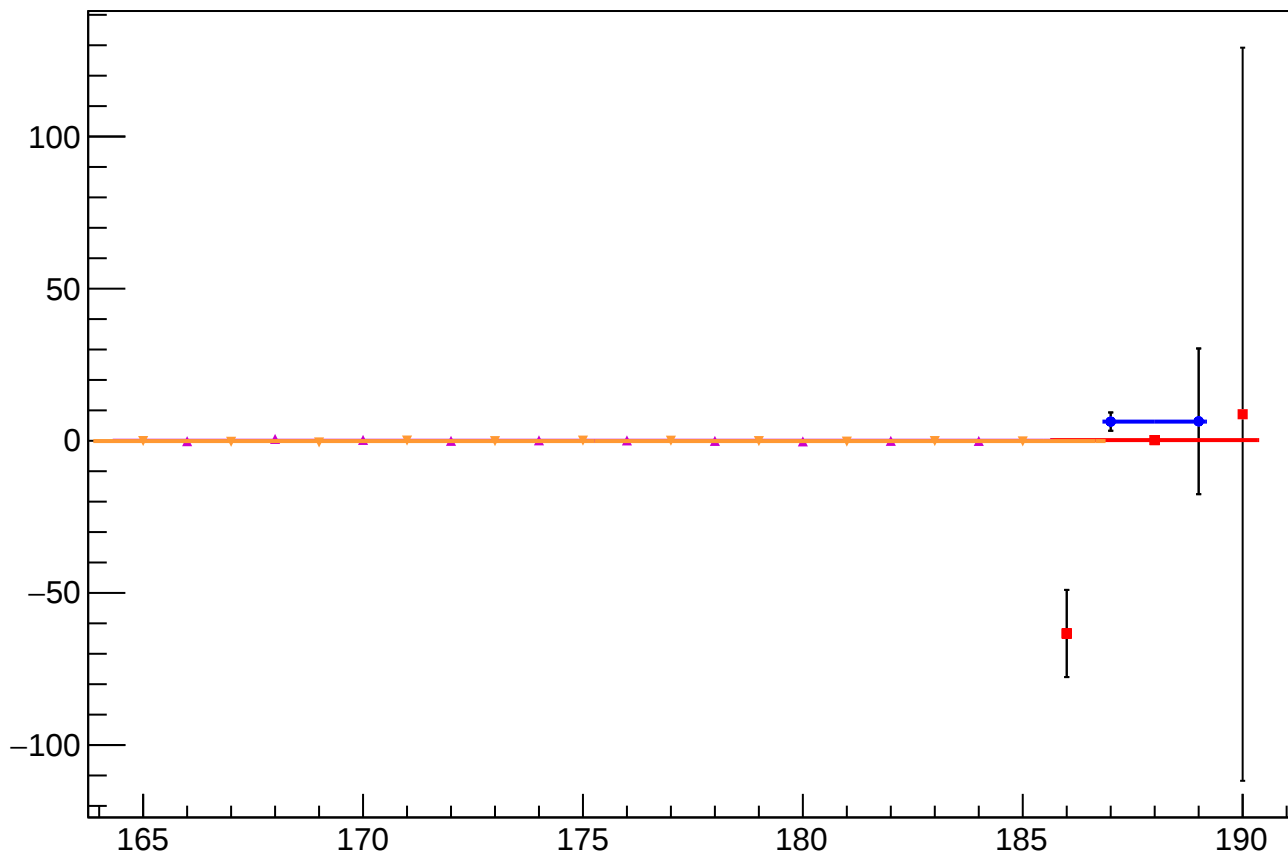
reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -51.593+/-0.132 χ^2/NDF : 1670.5/3
 Left Out: -37.557+/-0.023 χ^2/NDF : 649.7/10
 Right Out: -50.884+/-0.103 χ^2/NDF : 7586.8/4
 Left In: -37.650+/-0.024 χ^2/NDF : 713.2/9

Left: -37.603+/-0.017 χ^2/NDF : 1370.6/20
 Right: -51.155+/-0.081 χ^2/NDF : 9275.3/8
 In: -38.084+/-0.023 χ^2/NDF : 13255.8/13
 Out: -38.201+/-0.023 χ^2/NDF : 24061.4/15
 All: -38.144+/-0.016 χ^2/NDF : 37330.2/29

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.306+/-2.110 χ^2/NDF : 0.0/3

Left Out: -0.094+/-0.031 χ^2/NDF :19.1/10

Right Out: 0.228+/-0.112 χ^2/NDF : 39.4/4

Left In: 0.015+/-0.032 χ^2/NDF :22.1/9

Left: -0.041+/-0.022 χ^2/NDF : 47.3/20

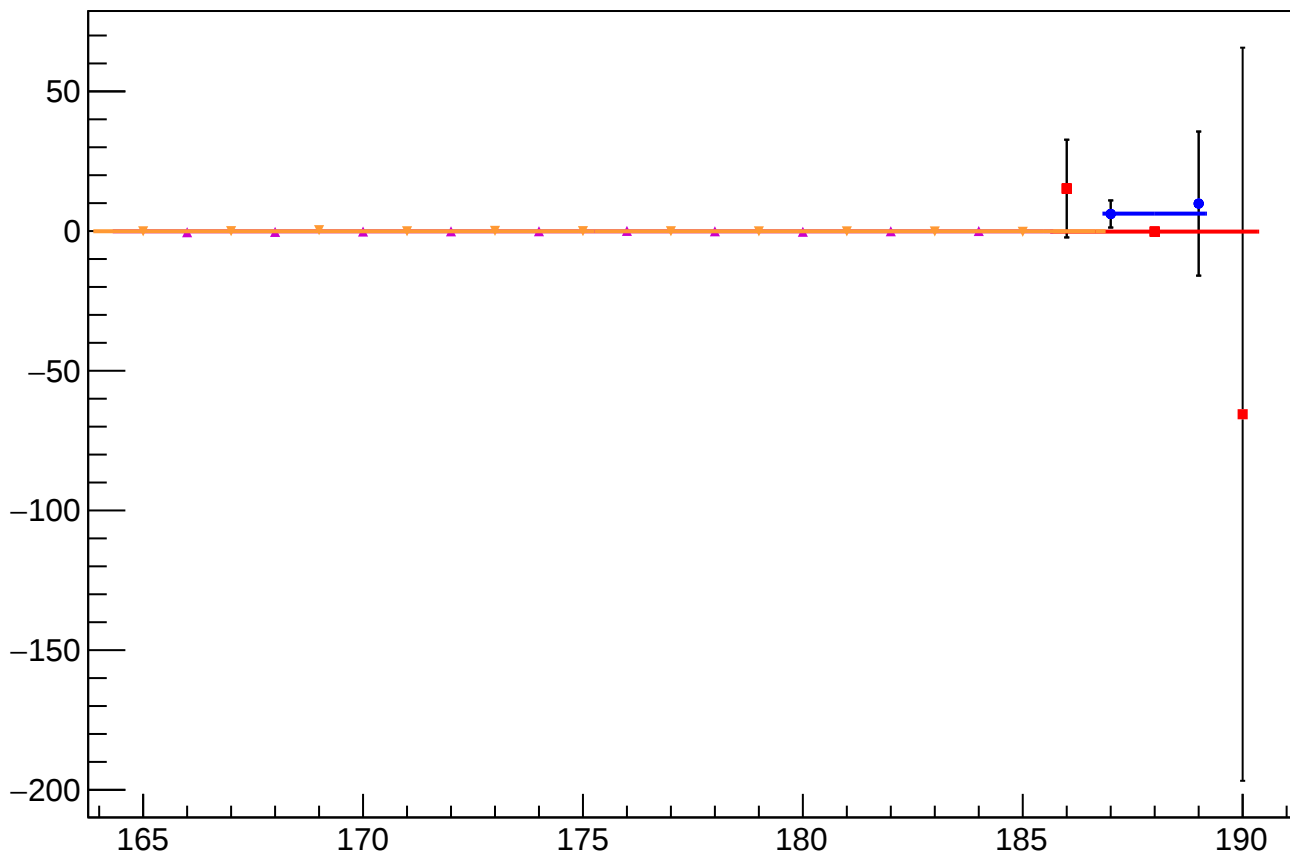
Right: 0.245+/-0.112 χ^2/NDF : 47.7/8

In: 0.016+/-0.032 χ^2/NDF :30.9/13

Out: -0.071+/-0.030 χ^2/NDF :66.2/15

All: -0.030+/-0.022 χ^2/NDF : 101.3/29

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.246 ± 3.372 $\chi^2/\text{NDF}: 0.0/3$

Left Out: -0.065 ± 0.028 $\chi^2/\text{NDF}: 11.6/10$

Right Out: -0.188 ± 0.185 $\chi^2/\text{NDF}: 1.8/4$

Left In: -0.083 ± 0.029 $\chi^2/\text{NDF}: 14.1/9$

Left: -0.074 ± 0.020 $\chi^2/\text{NDF}: 26.0/20$

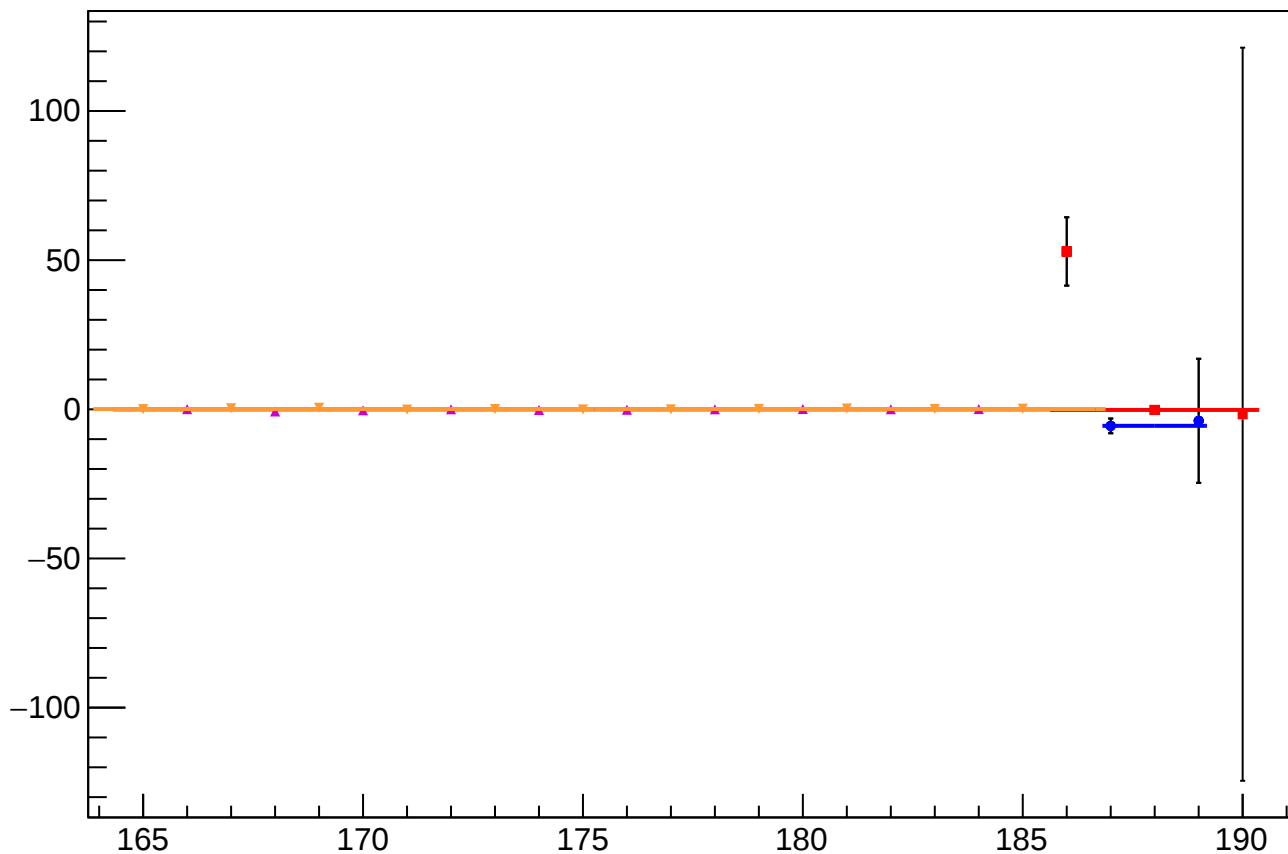
Right: -0.169 ± 0.185 $\chi^2/\text{NDF}: 5.5/8$

In: -0.083 ± 0.029 $\chi^2/\text{NDF}: 17.7/13$

Out: -0.067 ± 0.028 $\chi^2/\text{NDF}: 13.9/15$

All: -0.075 ± 0.020 $\chi^2/\text{NDF}: 31.7/29$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 22.7/9$

Left: 0.033 ± 0.022 $\chi^2/\text{NDF}: 48.7/20$

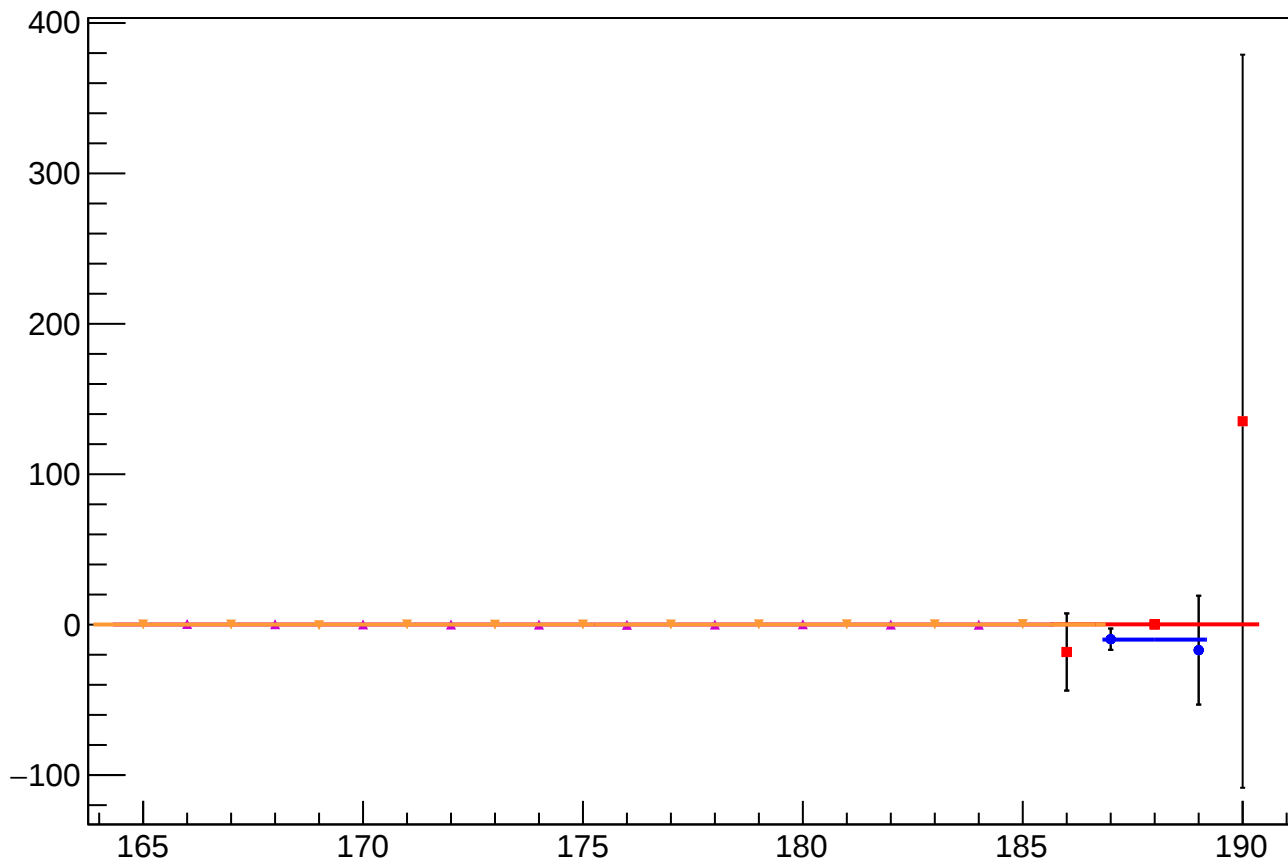
Right: -0.224 ± 0.090 $\chi^2/\text{NDF}: 52.4/8$

In: -0.029 ± 0.032 $\chi^2/\text{NDF}: 32.8/13$

Out: 0.057 ± 0.029 $\chi^2/\text{NDF}: 72.1/15$

All: 0.018 ± 0.022 $\chi^2/\text{NDF}: 108.7/29$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.092 ± 0.022 χ^2/NDF : 30.5/20

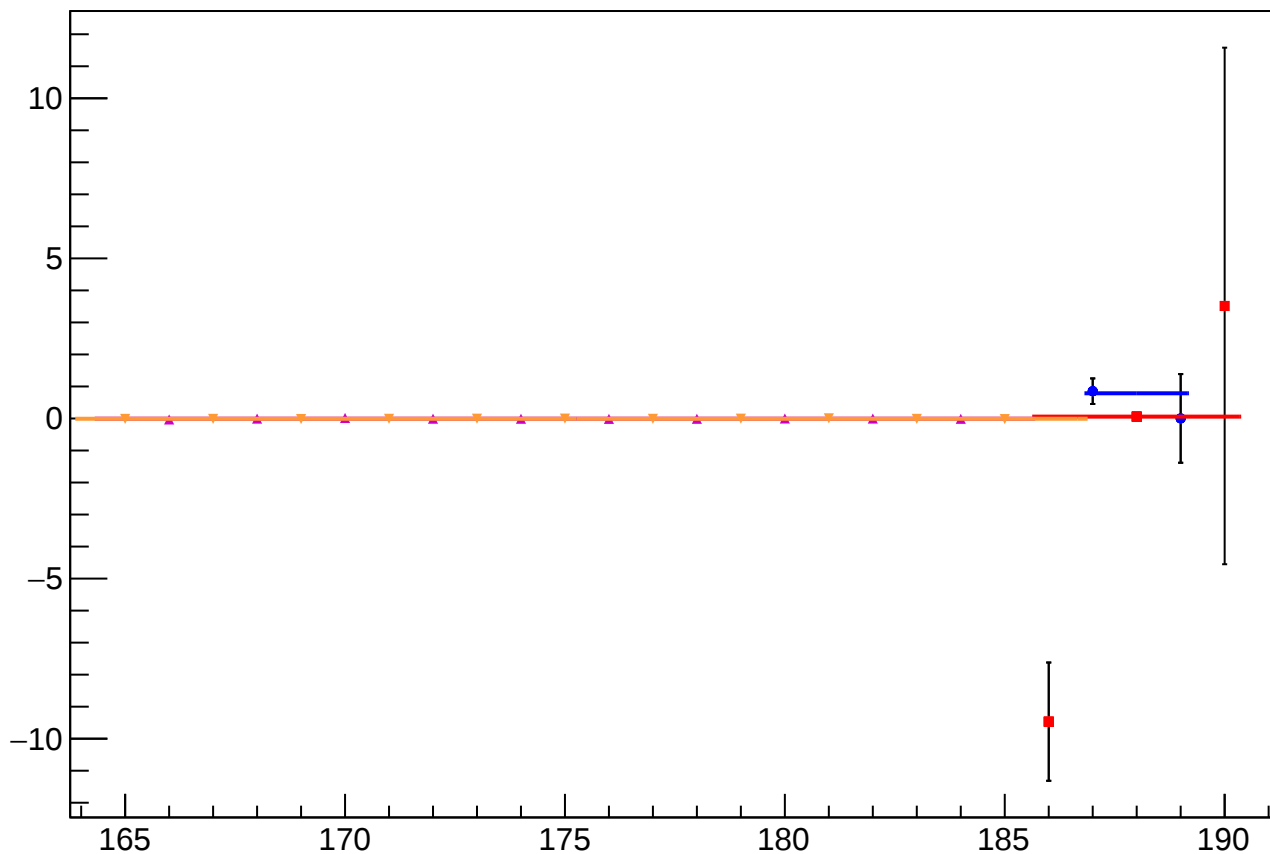
Right: 0.175 ± 0.272 χ^2/NDF : 5.7/8

In: 0.094 ± 0.031 χ^2/NDF : 20.2/13

Out: 0.091 ± 0.030 χ^2/NDF : 16.1/15

All: 0.093 ± 0.022 χ^2/NDF : 36.3/29

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.787 ± 0.271 $\chi^2/\text{NDF}: 0.7/3$

Left Out: -0.008 ± 0.001 $\chi^2/\text{NDF}: 18.8/10$

Right Out: 0.059 ± 0.013 $\chi^2/\text{NDF}: 53.4/4$

Left In: -0.006 ± 0.001 $\chi^2/\text{NDF}: 23.4/9$

Left: -0.007 ± 0.001 $\chi^2/\text{NDF}: 43.0/20$

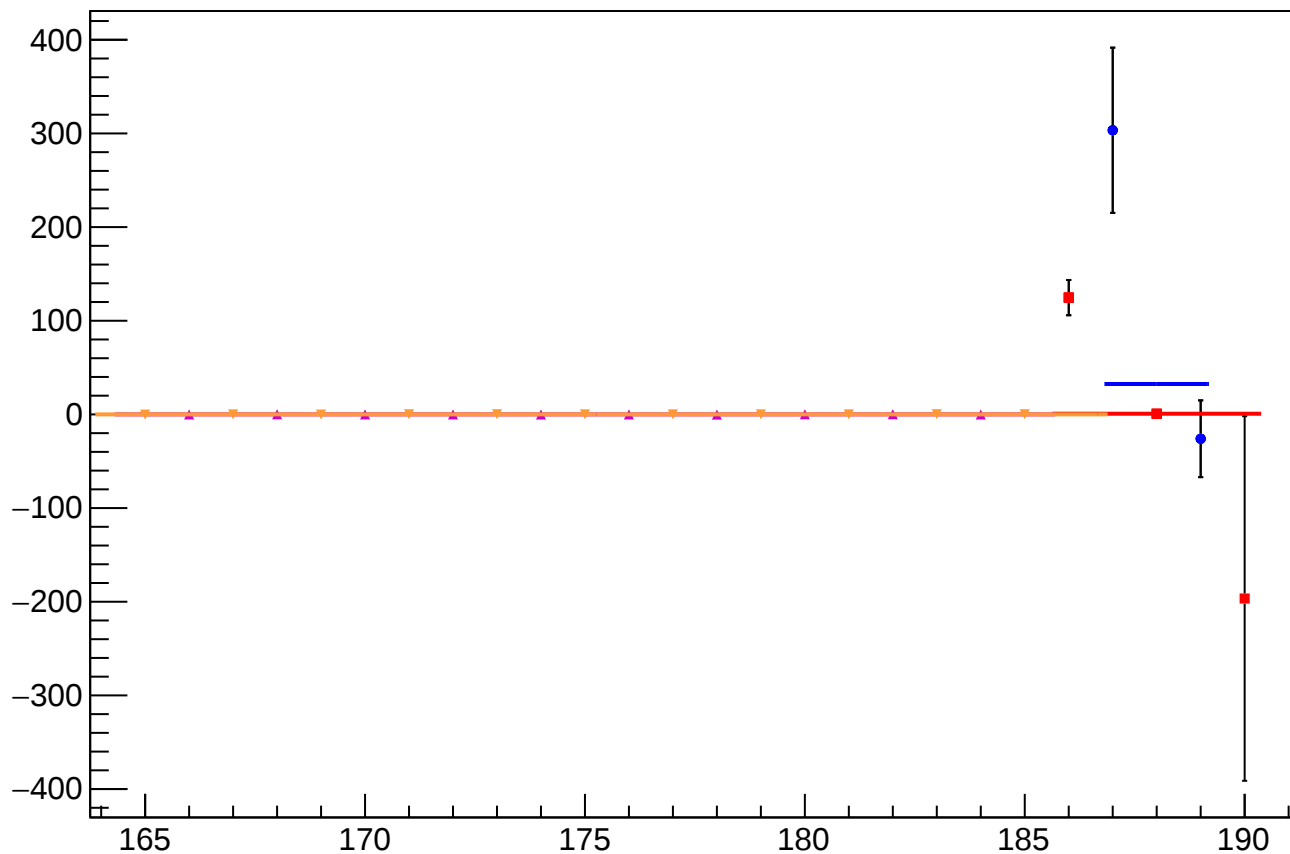
Right: 0.060 ± 0.013 $\chi^2/\text{NDF}: 61.3/8$

In: -0.006 ± 0.001 $\chi^2/\text{NDF}: 32.7/13$

Out: -0.007 ± 0.001 $\chi^2/\text{NDF}: 97.5/15$

All: -0.007 ± 0.001 $\chi^2/\text{NDF}: 130.5/29$

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.043+/-0.026 χ^2/NDF : 22.3/20

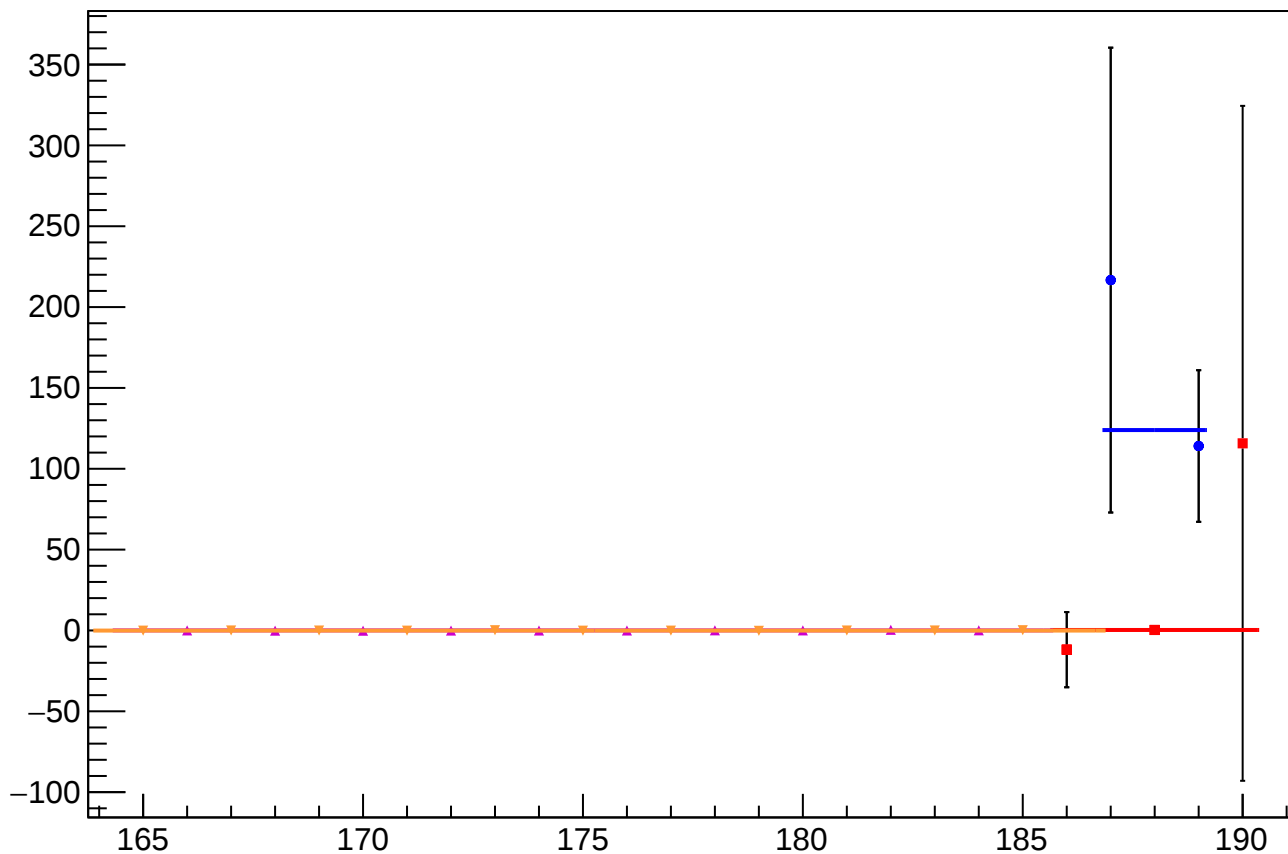
Right: 0.741+/-0.142 χ^2/NDF : 112.2/8

In: 0.041+/-0.038 χ^2/NDF : 37.4/13

Out: 0.089+/-0.036 χ^2/NDF : 119.6/15

All: 0.066+/-0.026 χ^2/NDF : 157.9/29

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -0.021 $\pm$ 0.024 χ^2 /NDF: 33.7/20

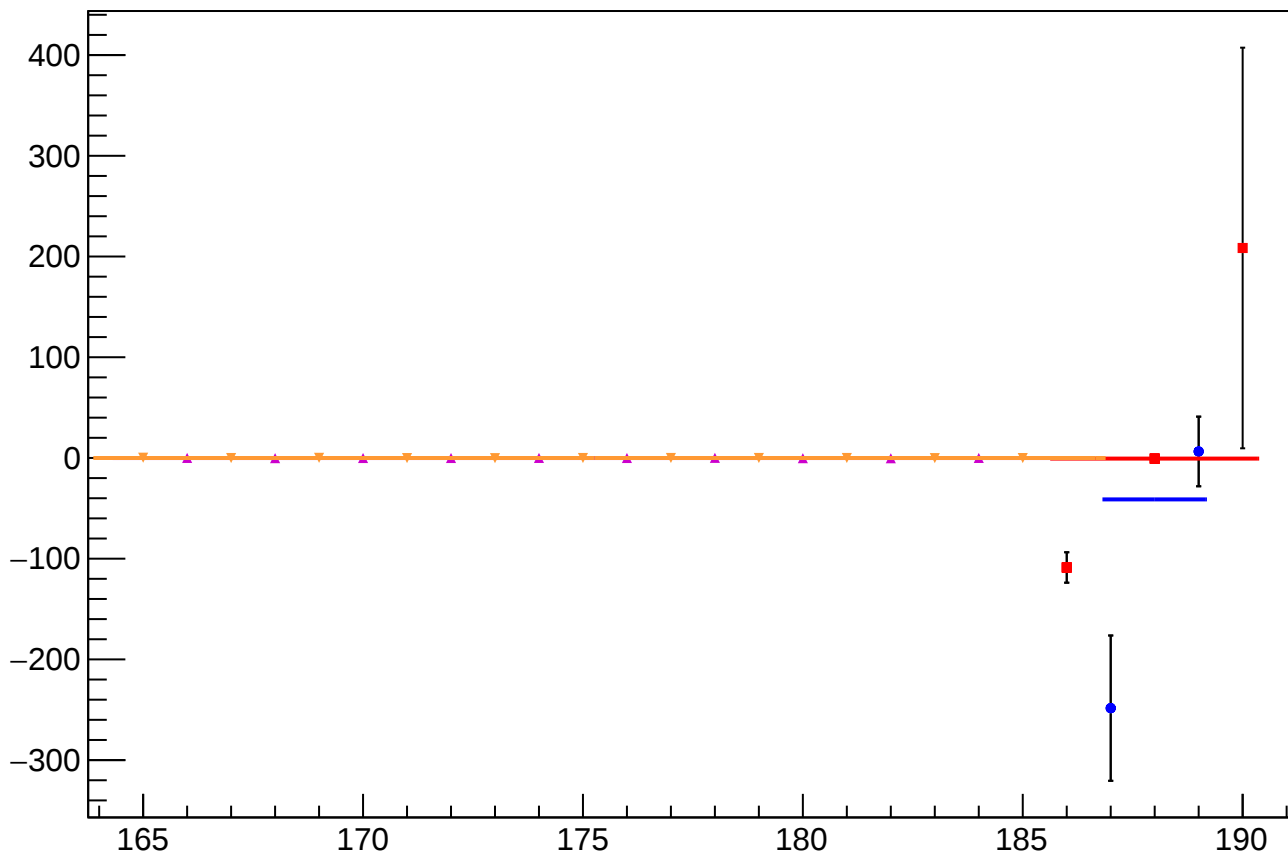
Right: 0.306 $\pm$ 0.235 χ^2 /NDF: 17.2/8

In: 0.033 $\pm$ 0.034 χ^2 /NDF:36.3/13

Out: -0.063 $\pm$ 0.033 χ^2 /NDF:12.4/15

All: -0.017 $\pm$ 0.024 χ^2 /NDF: 52.8/29

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -0.061 ± 0.027 χ^2/NDF : 21.6/20

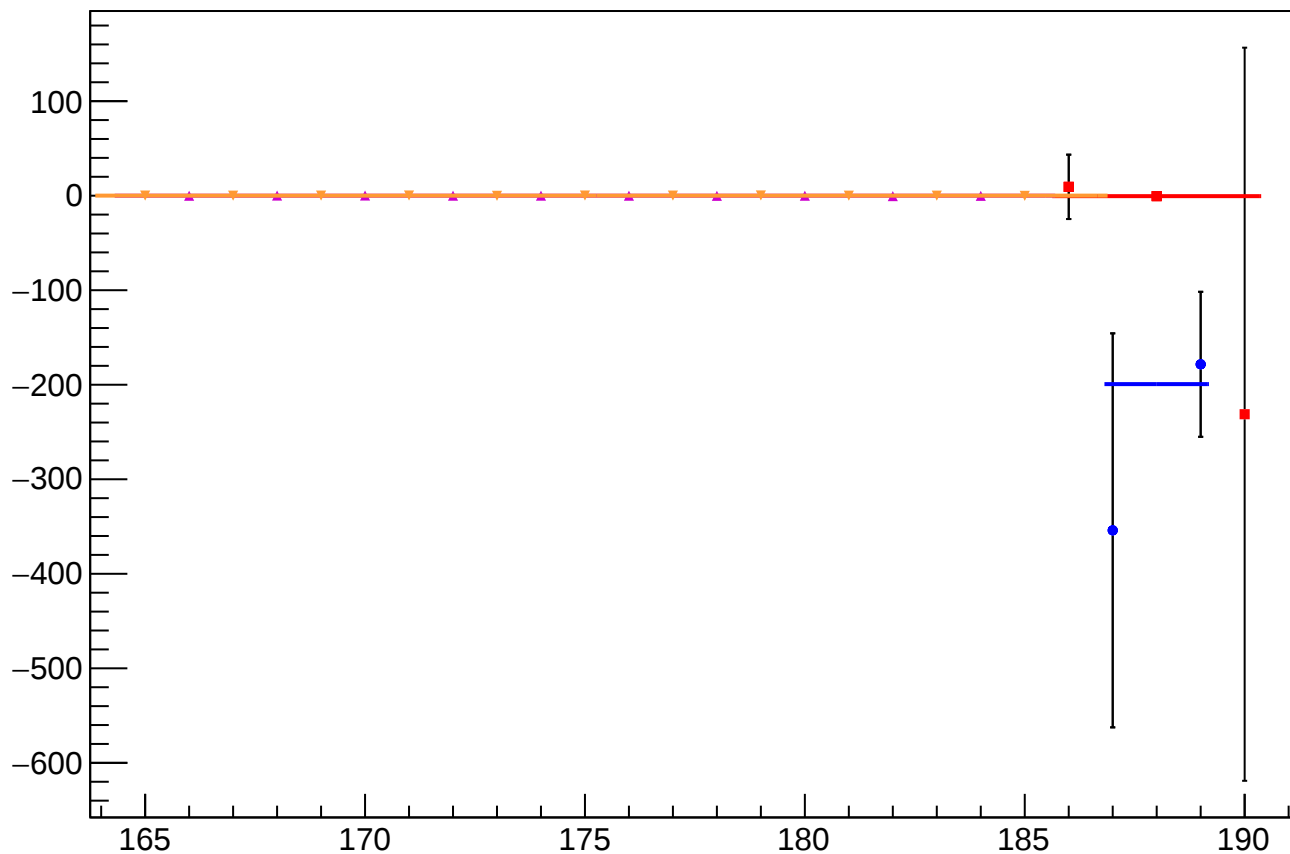
Right: -0.633 ± 0.114 χ^2/NDF : 127.2/8

In: -0.078 ± 0.038 χ^2/NDF : 37.1/13

Out: -0.101 ± 0.036 χ^2/NDF : 135.2/15

All: -0.090 ± 0.026 χ^2/NDF : 172.5/29

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -199.337 ± 50.899 $\chi^2/\text{NDF}: 1.3/3$

Left Out: 0.070 ± 0.036 $\chi^2/\text{NDF}: 9.8/10$

Right Out: -0.491 ± 0.345 $\chi^2/\text{NDF}: 0.5/4$

Left In: -0.043 ± 0.037 $\chi^2/\text{NDF}: 22.4/9$

Left: 0.015 ± 0.026 $\chi^2/\text{NDF}: 37.1/20$

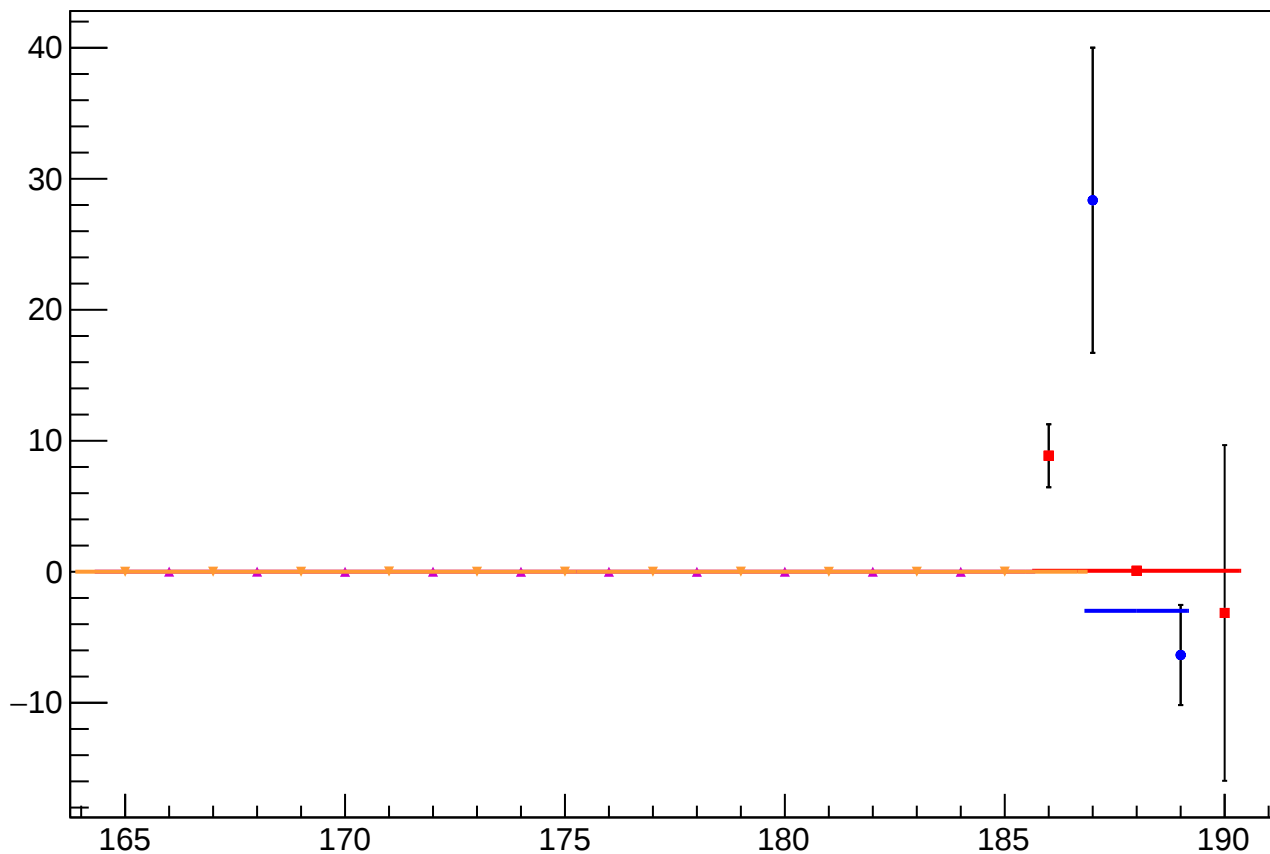
Right: -0.500 ± 0.345 $\chi^2/\text{NDF}: 17.0/8$

In: -0.043 ± 0.037 $\chi^2/\text{NDF}: 39.0/13$

Out: 0.064 ± 0.036 $\chi^2/\text{NDF}: 12.9/15$

All: 0.012 ± 0.026 $\chi^2/\text{NDF}: 56.4/29$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.980+/-2.568 χ^2/NDF : 16.0/3

Left Out: 0.006+/-0.002 χ^2/NDF :15.1/10

Right Out: 0.076+/-0.017 χ^2/NDF : 26.7/4

Left In: 0.007+/-0.002 χ^2/NDF :6.7/9

Left: 0.006+/-0.001 χ^2/NDF : 21.9/20

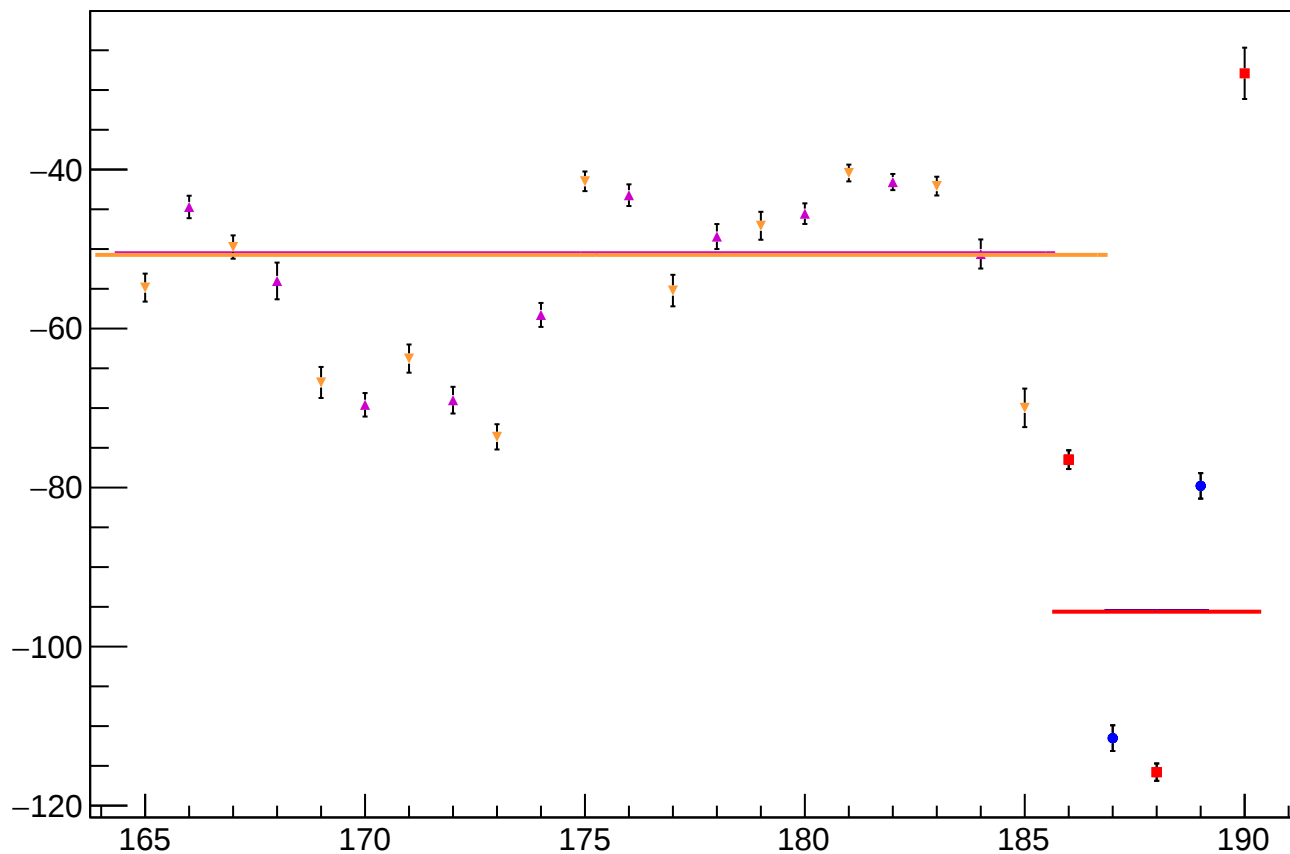
Right: 0.076+/-0.017 χ^2/NDF : 44.2/8

In: 0.007+/-0.002 χ^2/NDF :24.1/13

Out: 0.007+/-0.002 χ^2/NDF :59.5/15

All: 0.007+/-0.001 χ^2/NDF : 83.6/29

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 455.7/9$

Left: -50.632 ± 0.324 $\chi^2/\text{NDF}: 1068.7/20$

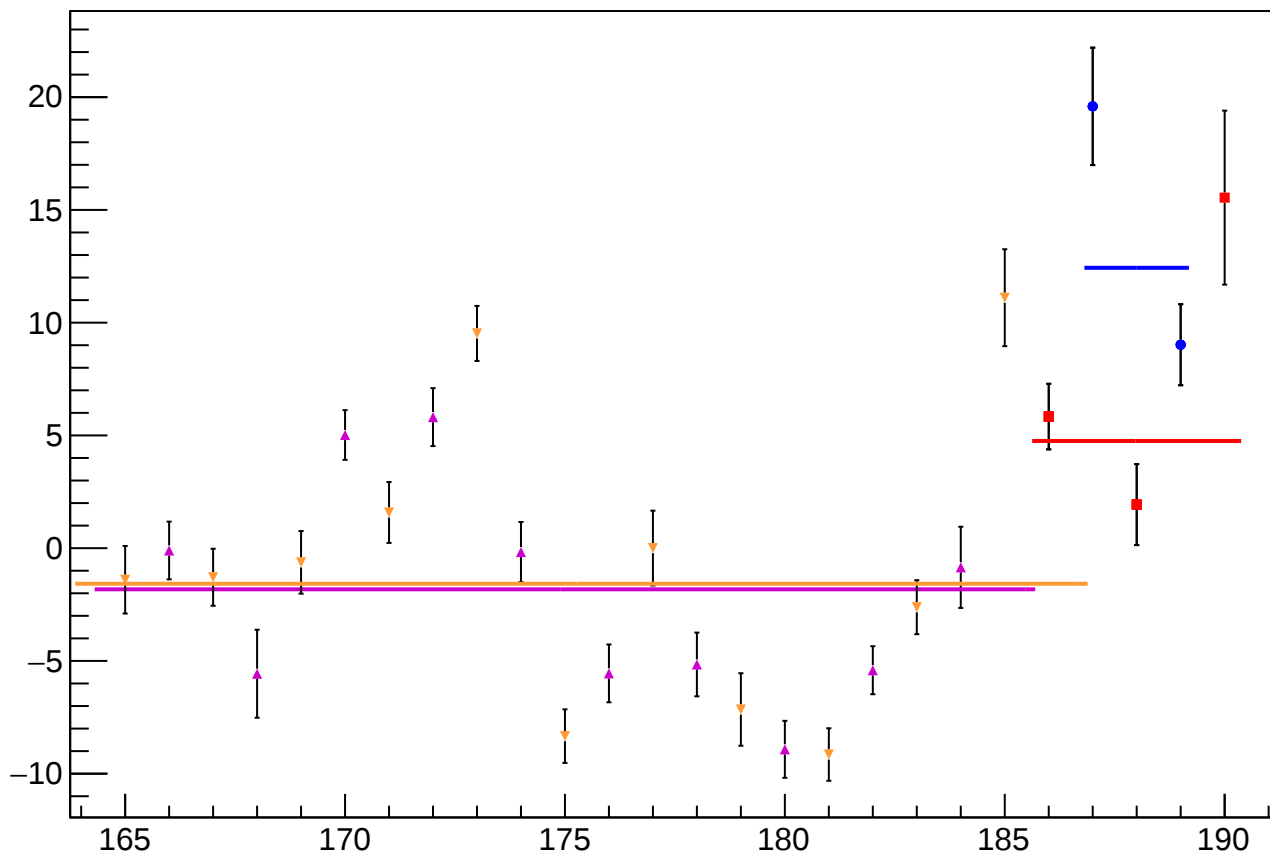
Right: -95.581 ± 0.458 $\chi^2/\text{NDF}: 2041.2/8$

In: -61.557 ± 0.399 $\chi^2/\text{NDF}: 3198.7/13$

Out: -68.788 ± 0.353 $\chi^2/\text{NDF}: 6145.0/15$

All: -65.608 ± 0.264 $\chi^2/\text{NDF}: 9527.9/29$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -1.699+/-0.292 χ^2/NDF : 350.3/20

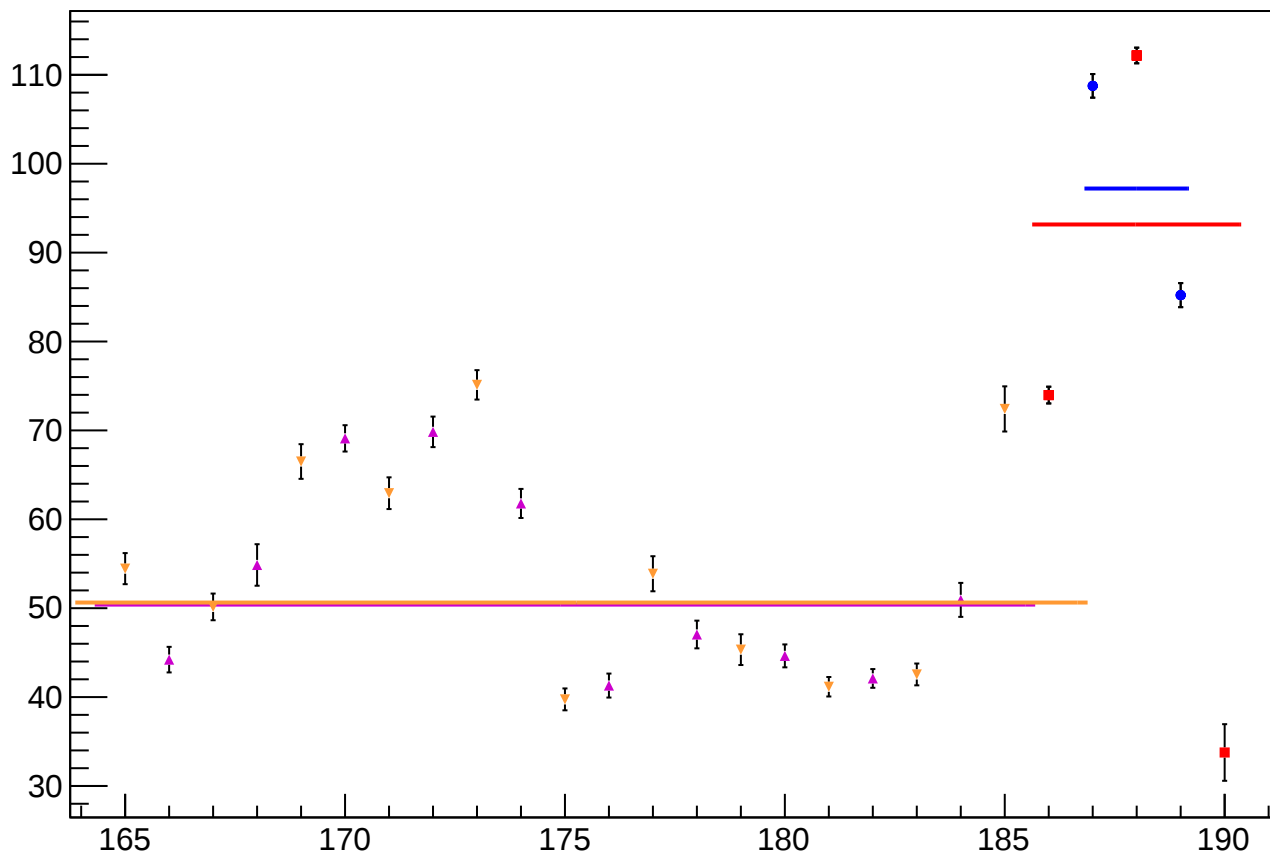
Right: 7.510+/-0.626 χ^2/NDF : 70.8/8

In: 0.120+/-0.386 χ^2/NDF : 321.0/13

Out: -0.207+/-0.364 χ^2/NDF : 277.2/15

All: -0.053+/-0.265 χ^2/NDF : 598.6/29

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 50.520+/-0.330 χ^2/NDF : 1110.0/20

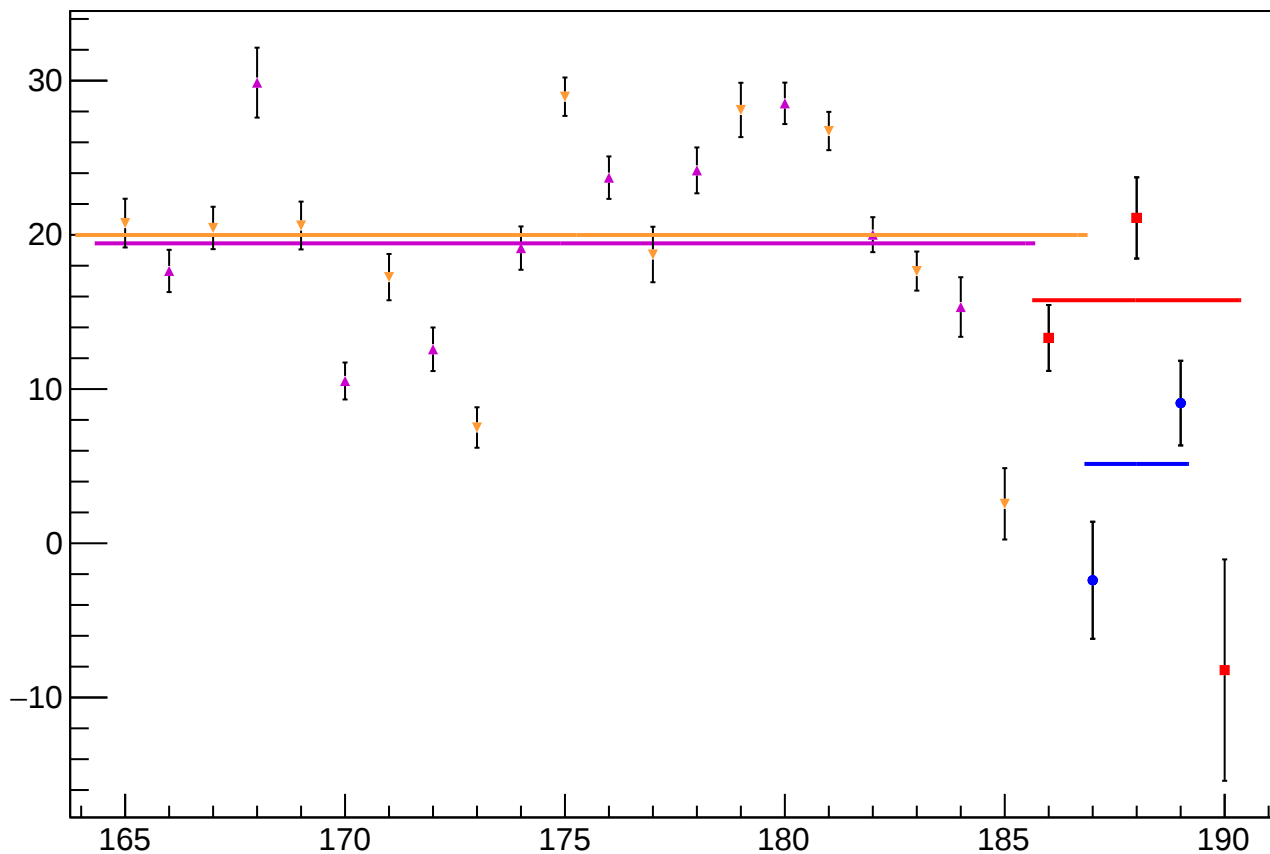
Right: 94.420+/-0.373 χ^2/NDF : 2449.2/8

In: 65.721+/-0.384 χ^2/NDF : 4076.1/13

Out: 72.641+/-0.323 χ^2/NDF : 7054.8/15

All: 69.766+/-0.247 χ^2/NDF : 11321.1/29

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 19.723 $\pm$ 0.314 χ^2 /NDF: 430.4/20

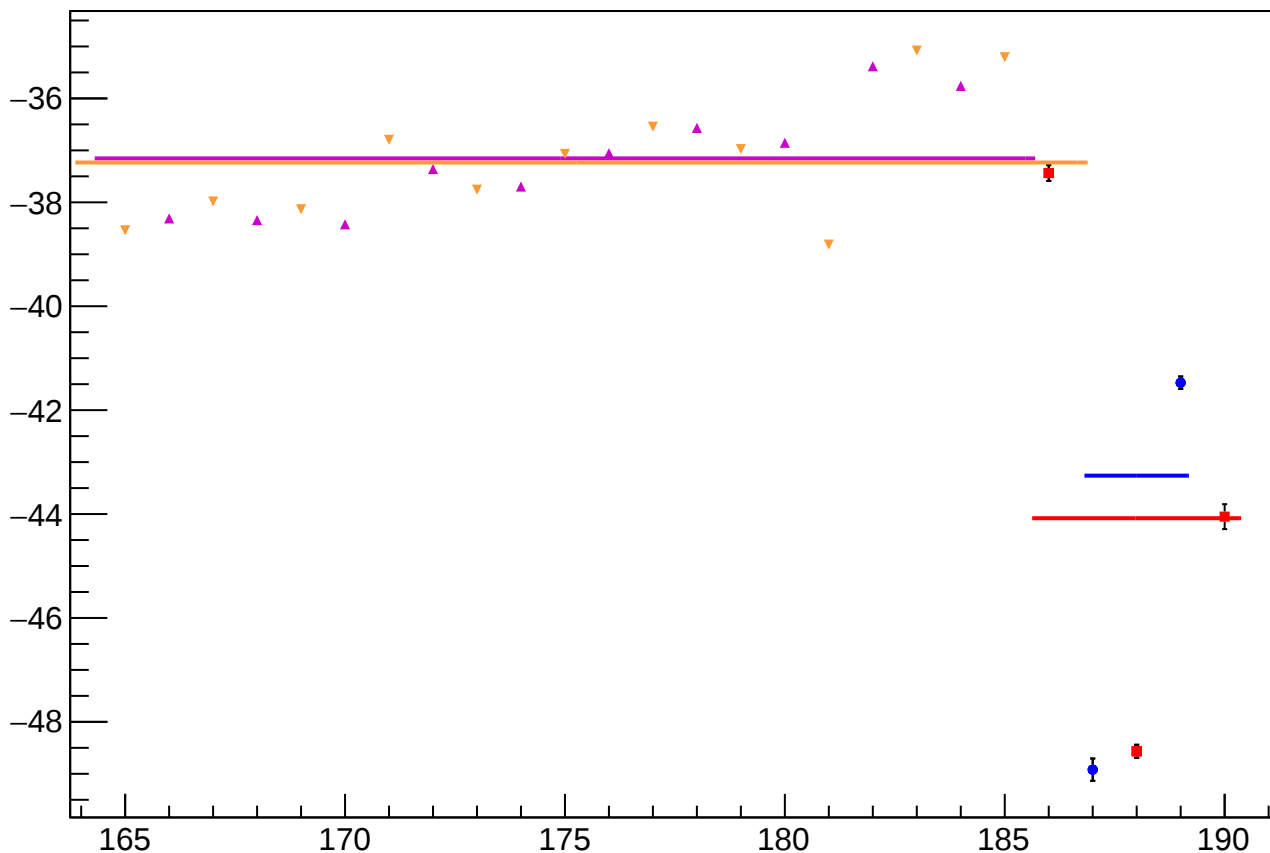
Right: 12.030 $\pm$ 0.932 χ^2 /NDF: 63.6/8

In: 18.381 $\pm$ 0.430 χ^2 /NDF: 260.8/13

Out: 19.452 $\pm$ 0.413 χ^2 /NDF: 291.1/15

All: 18.937 $\pm$ 0.298 χ^2 /NDF: 555.2/29

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -43.261+/-0.074 χ^2/NDF : 1828.8/3

Left Out: -37.234+/-0.020 χ^2/NDF : 3583.3/10

Right Out: -44.080+/-0.066 χ^2/NDF : 6379.7/4

Left In: -37.155+/-0.020 χ^2/NDF : 2694.1/9

Left: -37.194+/-0.014 χ^2/NDF : 6285.1/20

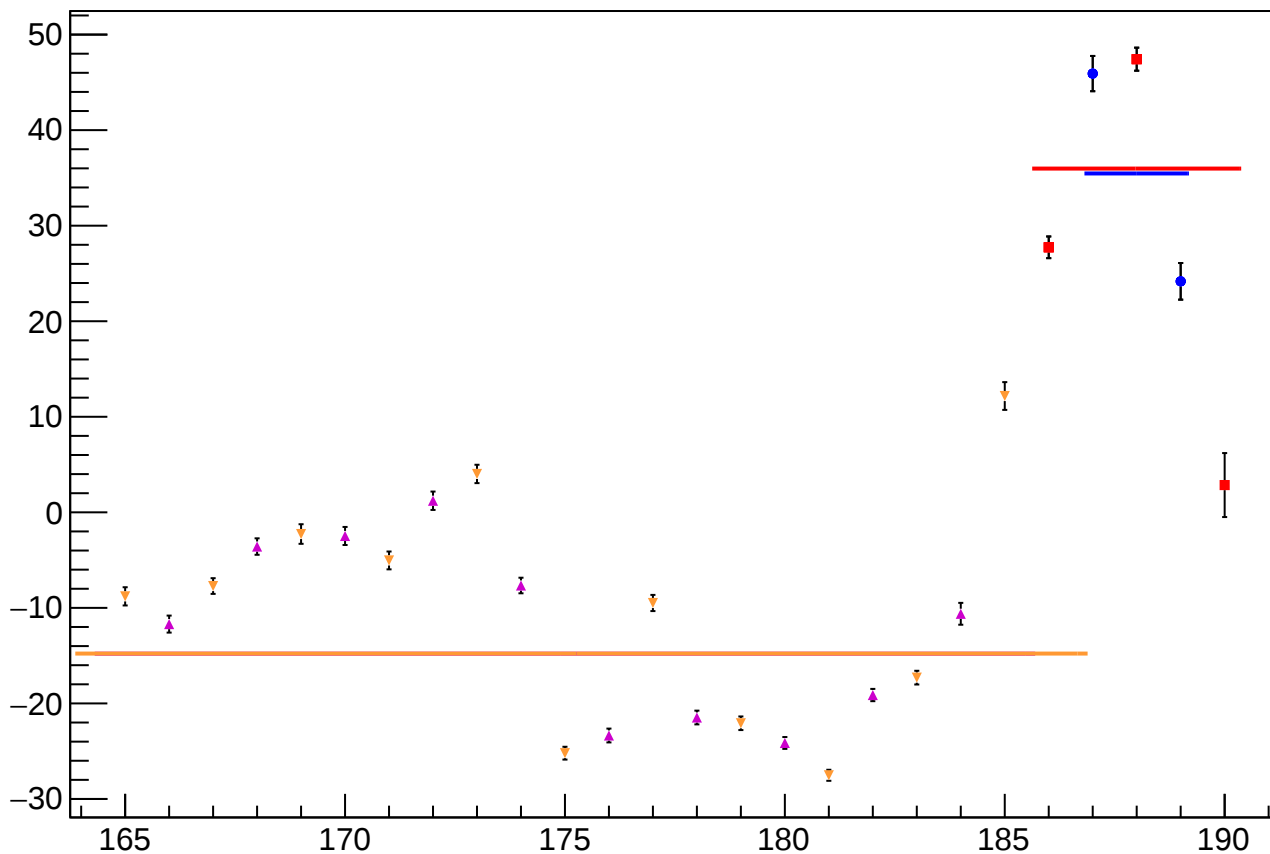
Right: -43.721+/-0.049 χ^2/NDF : 8276.7/8

In: -37.569+/-0.019 χ^2/NDF : 10803.2/13

Out: -37.810+/-0.019 χ^2/NDF : 19900.4/15

All: -37.691+/-0.014 χ^2/NDF : 30781.6/29

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



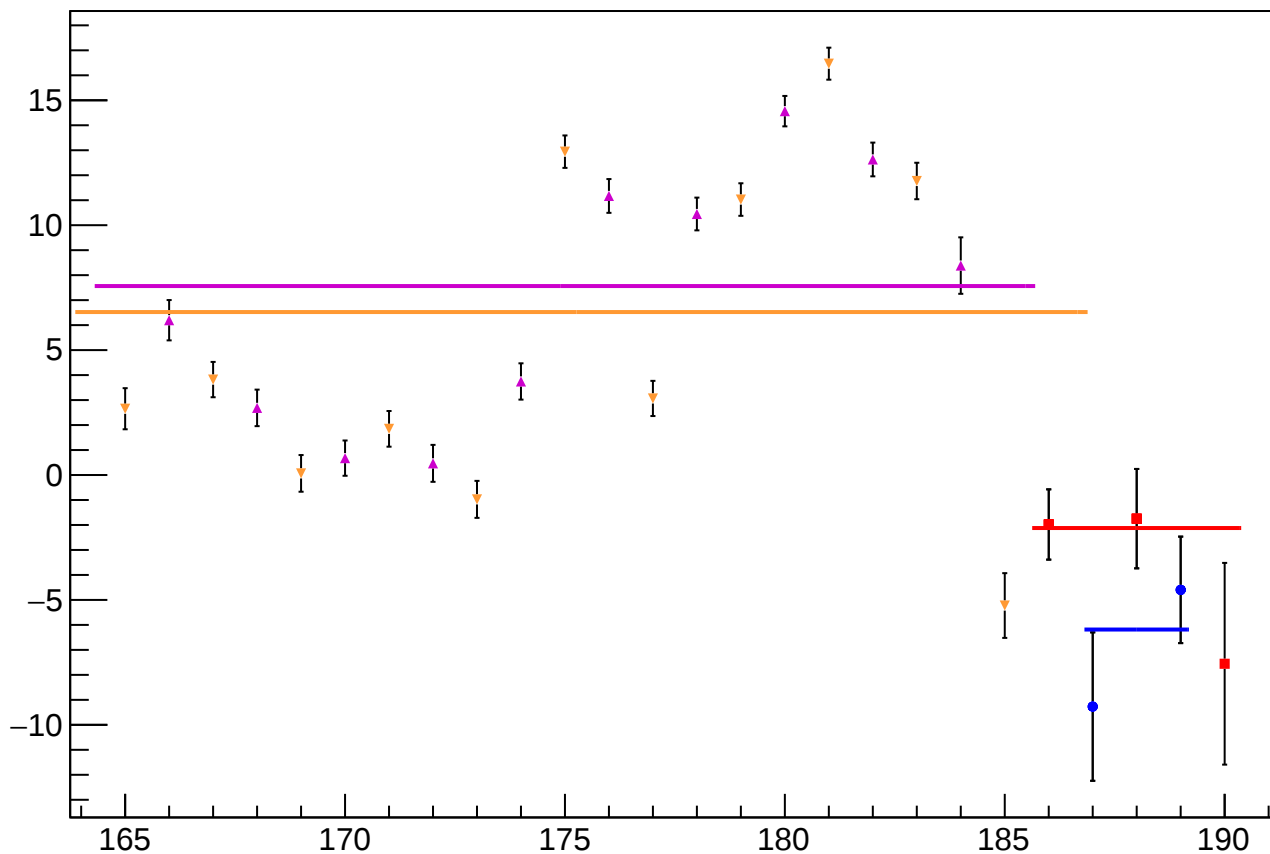
Right In: 35.466+/-0.940 χ^2/NDF : 133.5/3
 Left Out: -14.783+/-0.244 χ^2/NDF : 1982.9/10
 Right Out: 35.977+/-0.576 χ^2/NDF : 383.7/4
 Left In: -14.796+/-0.250 χ^2/NDF : 1217.4/9

Left: -14.789+/-0.175 χ^2/NDF : 3200.3/20
 Right: 35.837+/-0.491 χ^2/NDF : 517.5/8

In: -11.466+/-0.242 χ^2/NDF : 4020.3/13
 Out: -7.037+/-0.225 χ^2/NDF : 8957.5/15

All: -9.089+/-0.165 χ^2/NDF : 13157.5/29

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 7.025 $\pm$ 0.158 χ^2/NDF : 1314.0/20

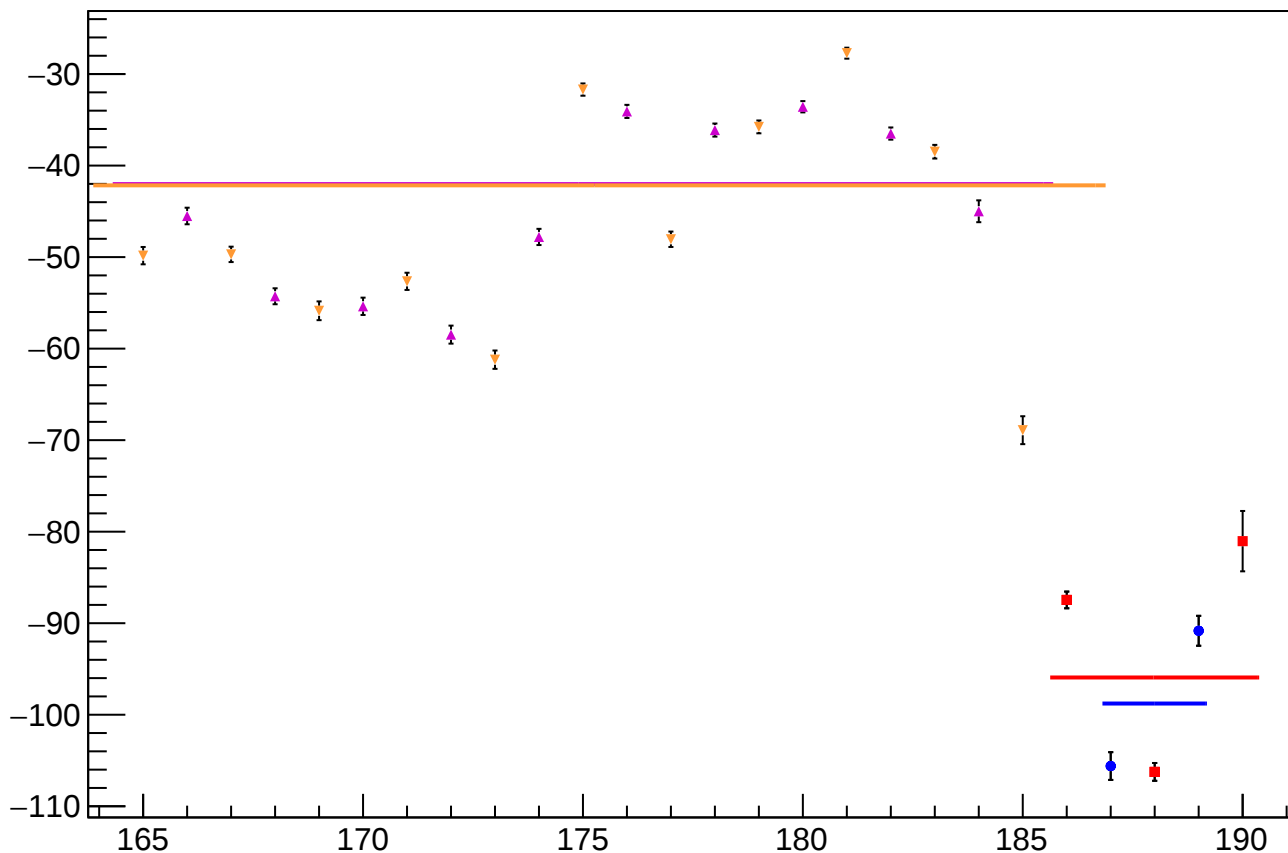
Right: -3.329 $\pm$ 0.667 χ^2/NDF : 12.9/8

In: 7.106 $\pm$ 0.224 χ^2/NDF : 624.4/13

Out: 5.913 $\pm$ 0.212 χ^2/NDF : 915.4/15

All: 6.476 $\pm$ 0.154 χ^2/NDF : 1554.8/29

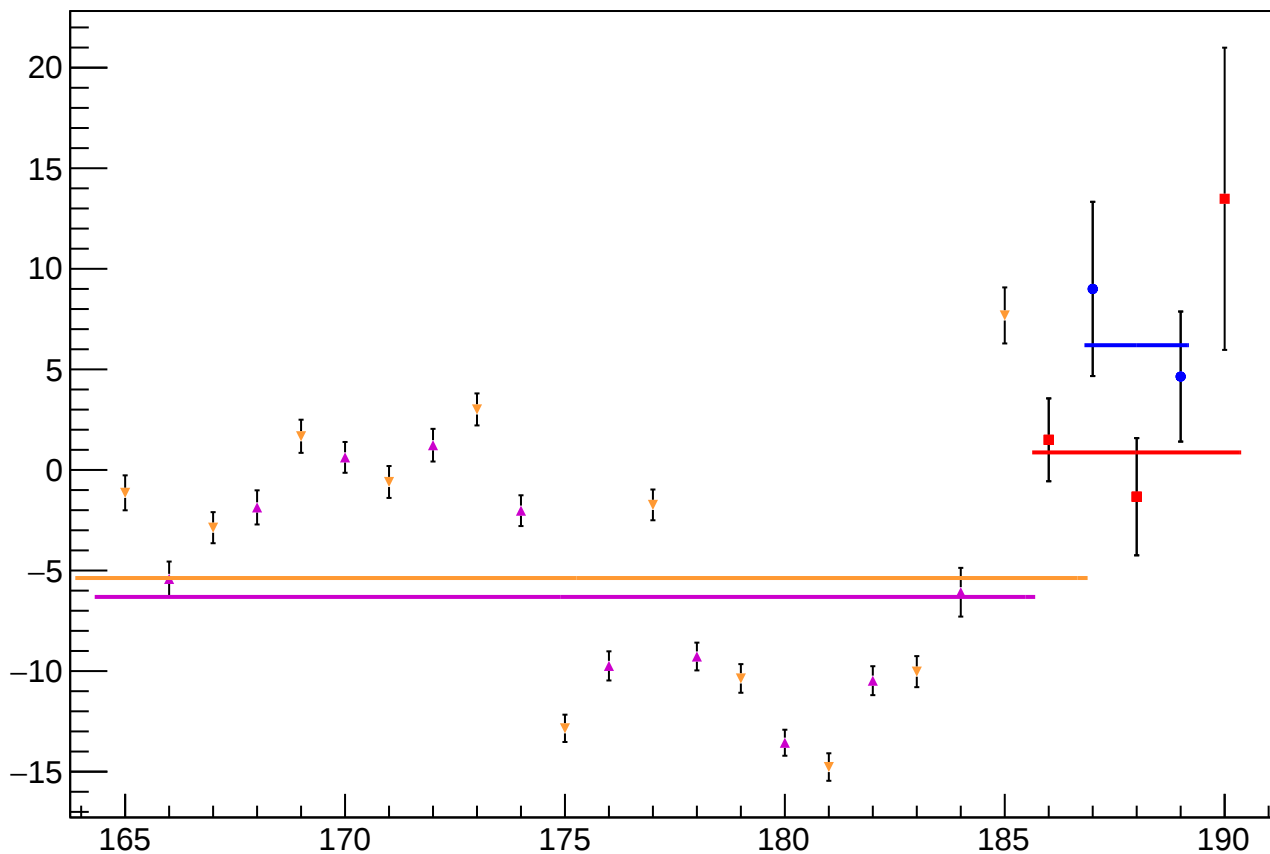
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 1187.7/9$

Left: -42.094 ± 0.178 $\chi^2/\text{NDF}: 3285.9/20$
 Right: -96.670 ± 0.401 $\chi^2/\text{NDF}: 515.7/8$
 In: -47.404 ± 0.242 $\chi^2/\text{NDF}: 5995.0/13$
 Out: -54.035 ± 0.219 $\chi^2/\text{NDF}: 12909.7/15$
 All: -51.052 ± 0.162 $\chi^2/\text{NDF}: 19317.9/29$

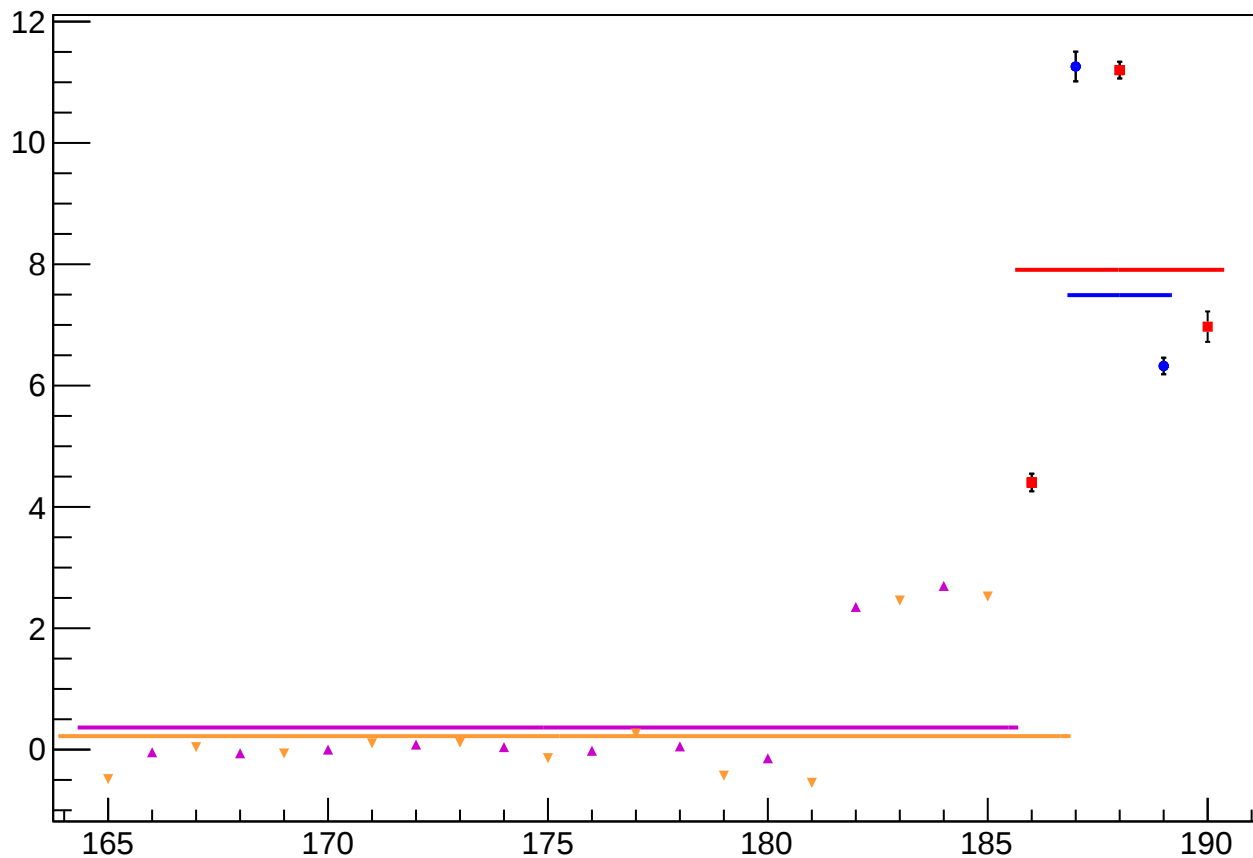
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.202 ± 1.832 χ^2/NDF : 1.3/3
 Left Out: -5.373 ± 0.237 χ^2/NDF : 760.2/10
 Right Out: 0.871 ± 1.175 χ^2/NDF : 4.1/4
 Left In: -6.313 ± 0.245 χ^2/NDF : 428.2/9

Left: -5.827 ± 0.170 χ^2/NDF : 1196.0/20
 Right: 2.424 ± 0.989 χ^2/NDF : 11.4/8
 In: -6.093 ± 0.243 χ^2/NDF : 475.3/13
 Out: -5.129 ± 0.232 χ^2/NDF : 791.5/15
 All: -5.589 ± 0.168 χ^2/NDF : 1275.1/29

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.491+/-0.084 χ^2/NDF : 622.0/3

Left Out: 0.222+/-0.011 χ^2/NDF : 7664.7/10

Right Out: 7.909+/-0.068 χ^2/NDF : 2329.4/4

Left In: 0.364+/-0.011 χ^2/NDF : 6754.7/9

Left: 0.291+/-0.008 χ^2/NDF : 14507.9/20

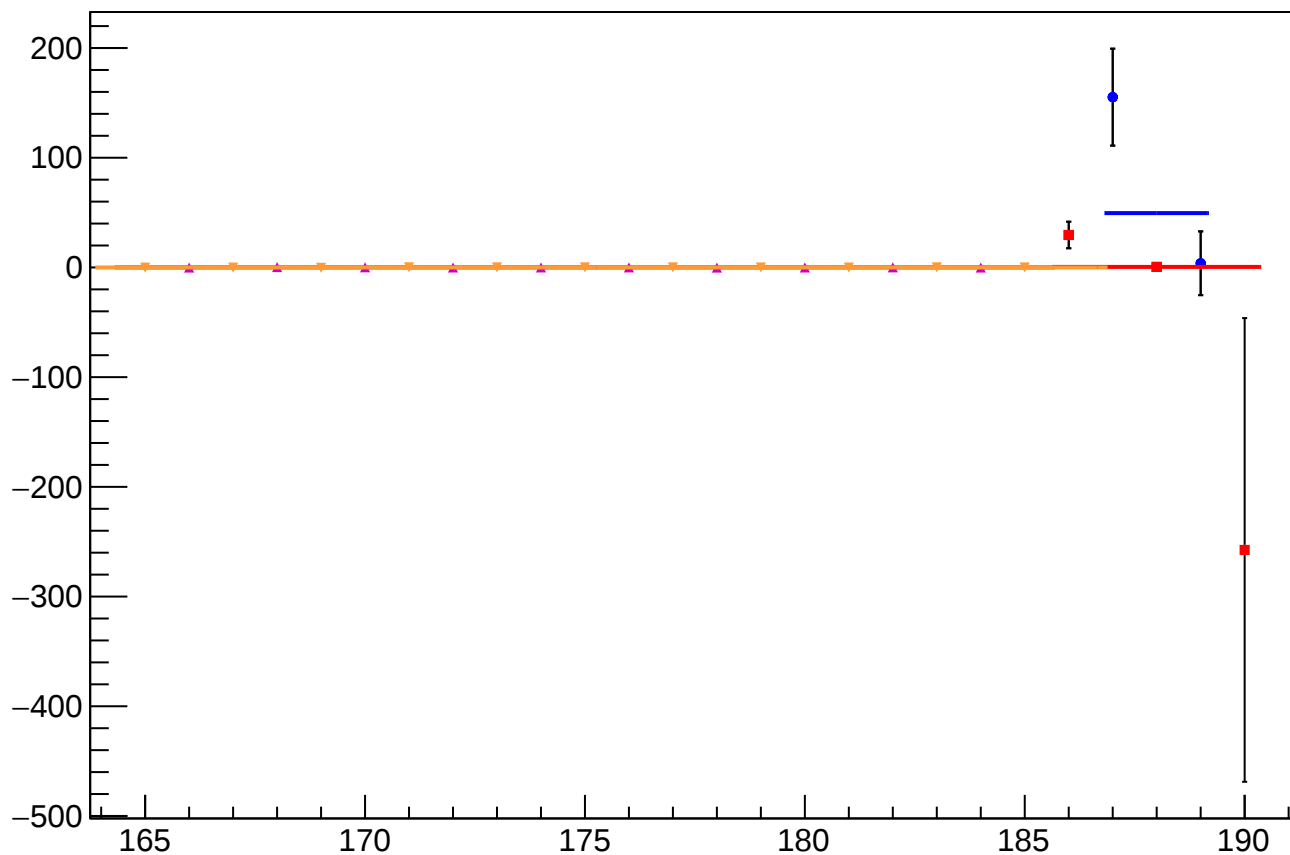
Right: 7.744+/-0.053 χ^2/NDF : 2966.3/8

In: 0.481+/-0.011 χ^2/NDF : 14437.1/13

Out: 0.404+/-0.010 χ^2/NDF : 22500.2/15

All: 0.441+/-0.007 χ^2/NDF : 36964.0/29

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 49.527 $\pm$ 17.170 χ^2 /NDF: 16.4/3

Left Out: -0.025 $\pm$ 0.025 χ^2 /NDF:16.7/10

Right Out: 0.483 $\pm$ 0.090 χ^2 /NDF: 13.1/4

Left In: 0.033 $\pm$ 0.025 χ^2 /NDF:17.4/9

Left: 0.003 $\pm$ 0.018 χ^2 /NDF: 36.8/20

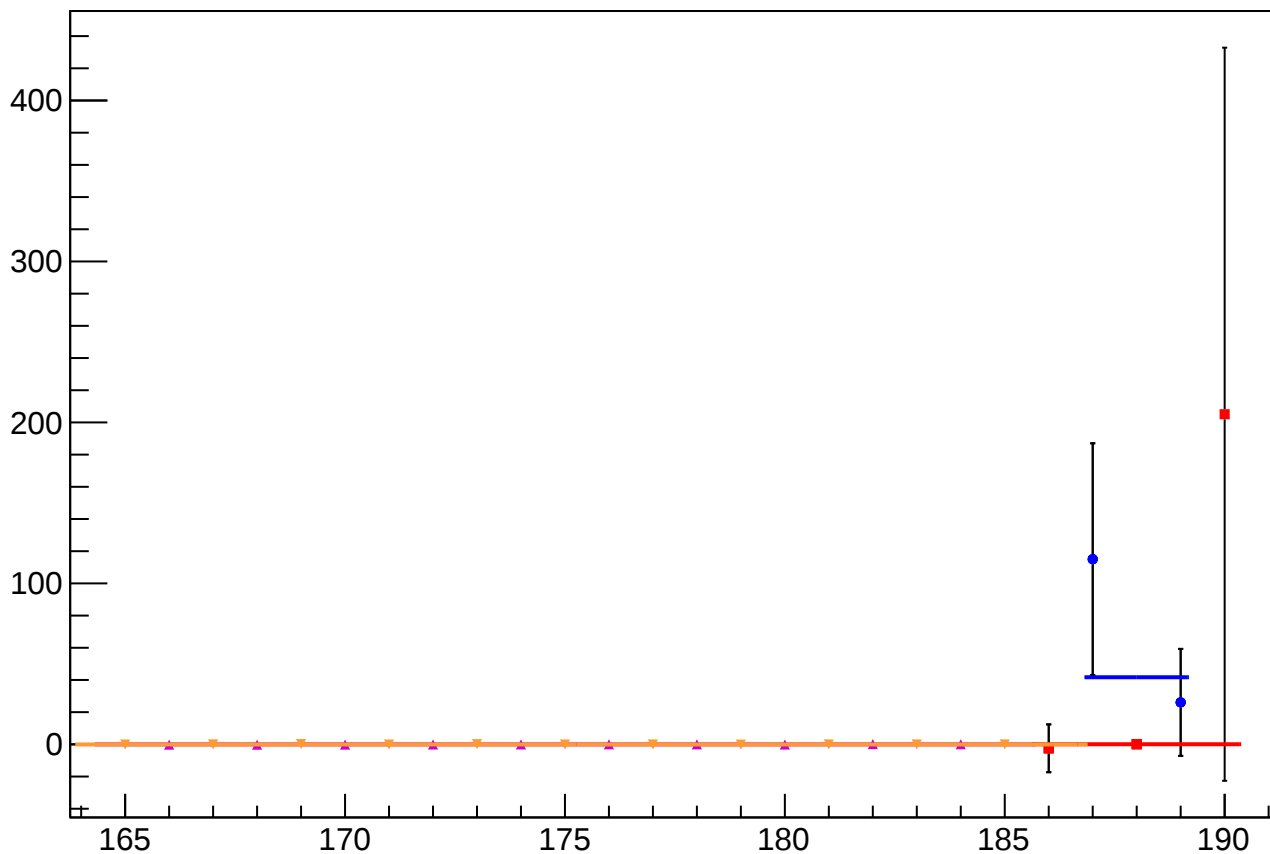
Right: 0.485 $\pm$ 0.090 χ^2 /NDF: 37.6/8

In: 0.033 $\pm$ 0.025 χ^2 /NDF:42.1/13

Out: 0.010 $\pm$ 0.024 χ^2 /NDF:59.2/15

All: 0.021 $\pm$ 0.017 χ^2 /NDF: 101.7/29

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 41.688 $\pm$ 21.337 χ^2 /NDF: 2.5/3

Left Out: -0.065 $\pm$ 0.022 χ^2 /NDF: 15.2/10

Right Out: 0.067 $\pm$ 0.150 χ^2 /NDF: 0.9/4

Left In: -0.023 $\pm$ 0.023 χ^2 /NDF: 21.3/9

Left: -0.045 $\pm$ 0.016 χ^2 /NDF: 38.2/20

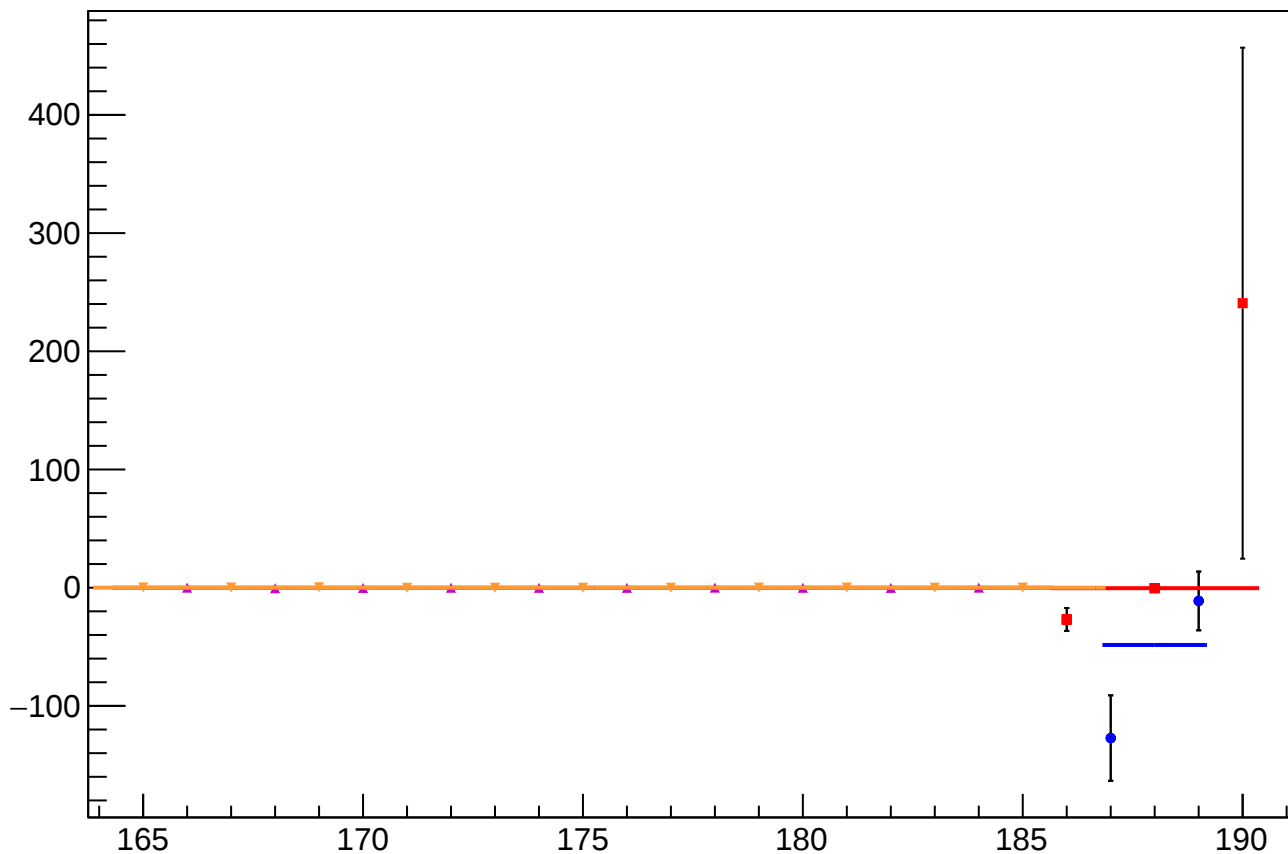
Right: 0.069 $\pm$ 0.150 χ^2 /NDF: 7.2/8

In: -0.023 $\pm$ 0.023 χ^2 /NDF: 27.6/13

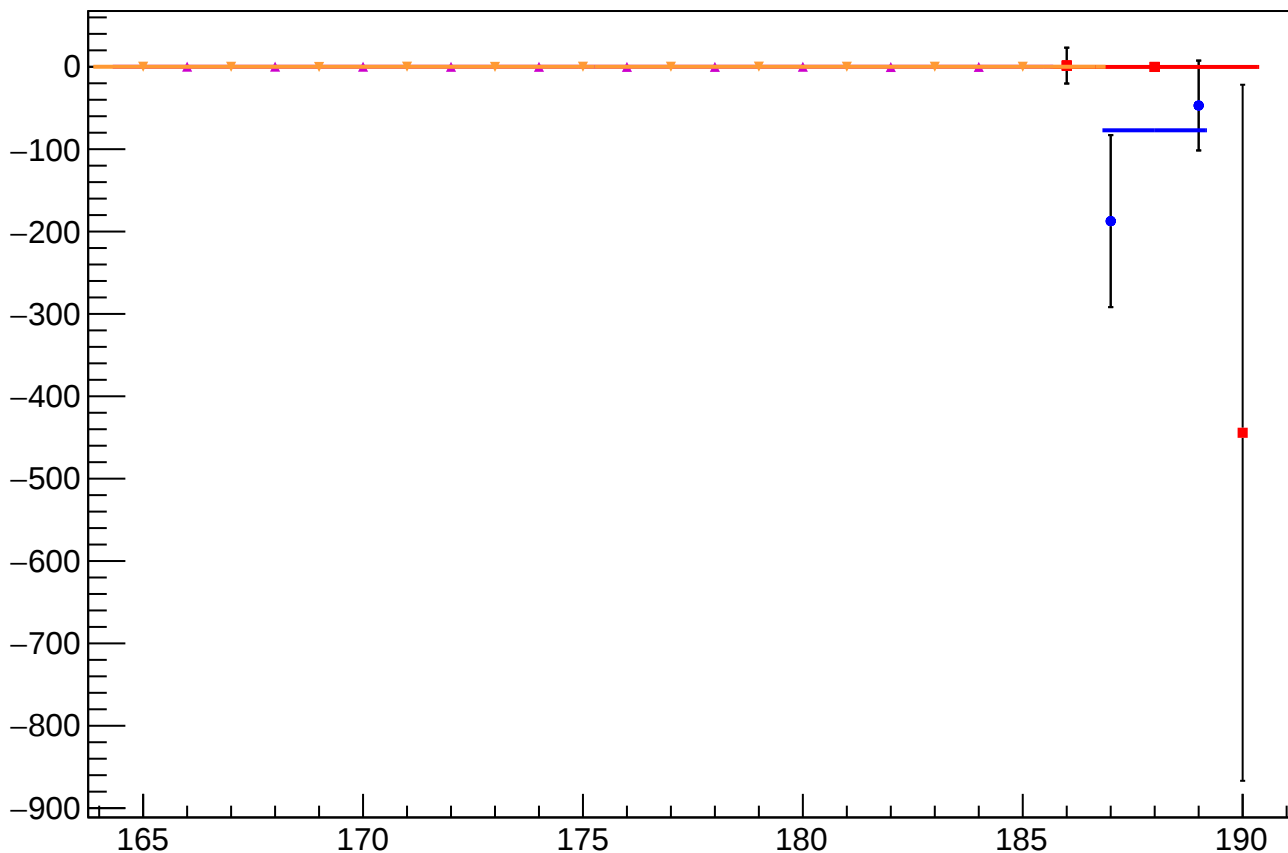
Out: -0.062 $\pm$ 0.022 χ^2 /NDF: 16.8/15

All: -0.043 $\pm$ 0.016 χ^2 /NDF: 45.9/29

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.075+/-34.185 χ^2/NDF : 2.8/3

Left Out: 0.073+/-0.024 χ^2/NDF :15.8/10

Right Out: -0.158+/-0.220 χ^2/NDF : 1.1/4

Left In: 0.021+/-0.025 χ^2/NDF :24.2/9

Left: 0.048+/-0.017 χ^2/NDF : 42.2/20

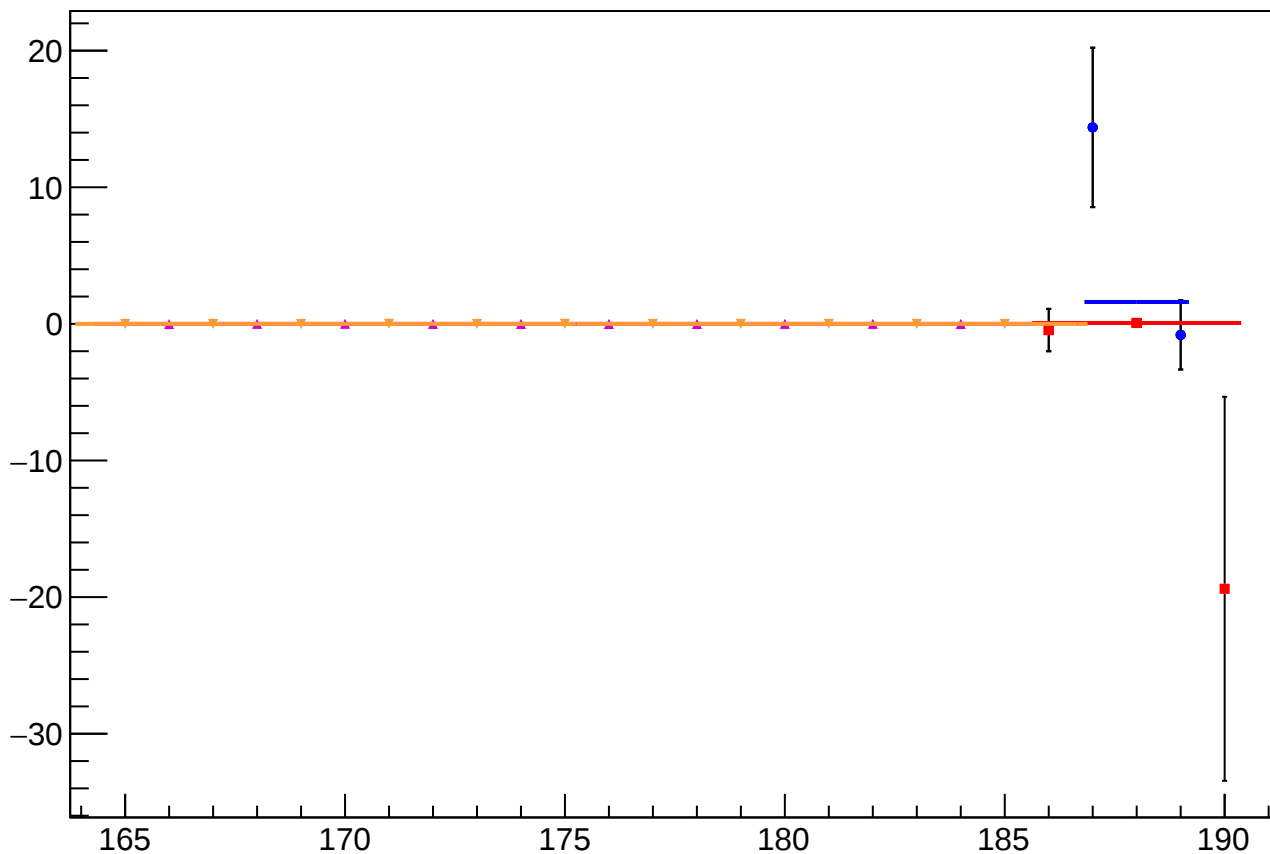
Right: -0.161+/-0.220 χ^2/NDF : 9.0/8

In: 0.021+/-0.025 χ^2/NDF :32.1/13

Out: 0.071+/-0.024 χ^2/NDF :18.0/15

All: 0.047+/-0.017 χ^2/NDF : 52.1/29

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -0.000+/-0.001 χ^2/NDF : 28.5/20

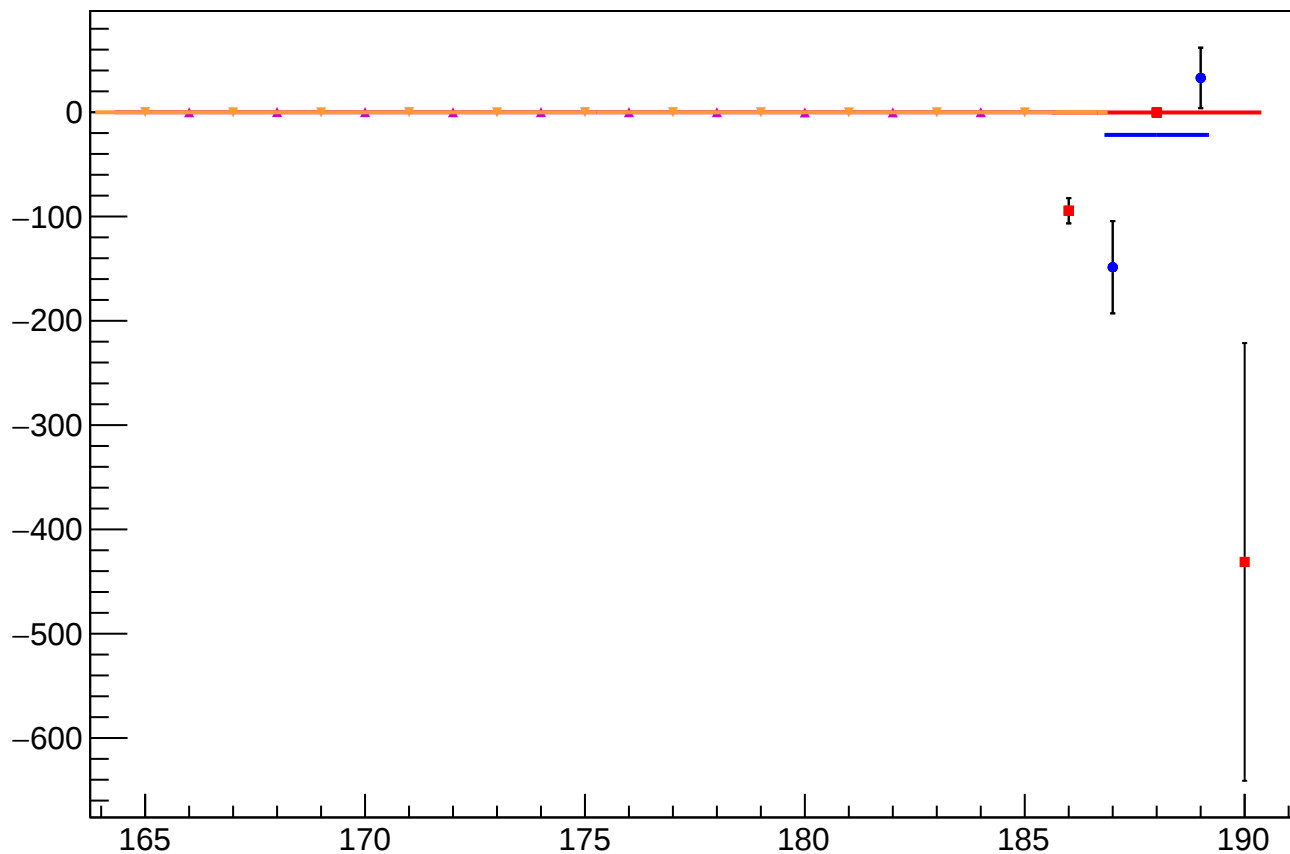
Right: 0.068+/-0.011 χ^2/NDF : 14.4/8

In: 0.000+/-0.001 χ^2/NDF : 27.3/13

Out: -0.000+/-0.001 χ^2/NDF : 56.4/15

All: 0.000+/-0.001 χ^2/NDF : 83.8/29

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 23.2/9$

Left: -0.045 ± 0.018 $\chi^2/\text{NDF}: 39.0/20$

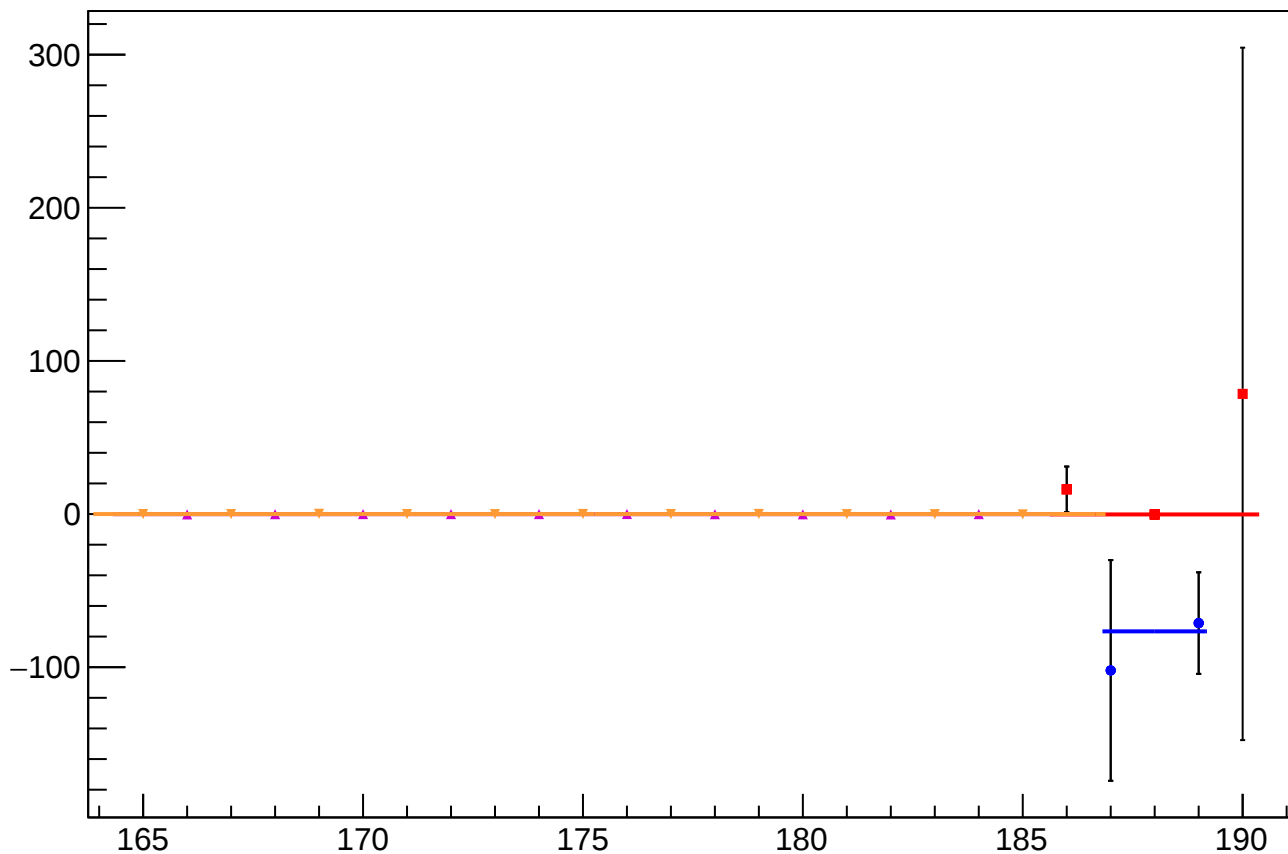
Right: -0.267 ± 0.090 $\chi^2/\text{NDF}: 150.7/8$

In: -0.005 ± 0.025 $\chi^2/\text{NDF}: 48.4/13$

Out: -0.095 ± 0.024 $\chi^2/\text{NDF}: 140.5/15$

All: -0.053 ± 0.017 $\chi^2/\text{NDF}: 195.4/29$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -0.036 ± 0.016 $\chi^2/\text{NDF}: 31.7/20$

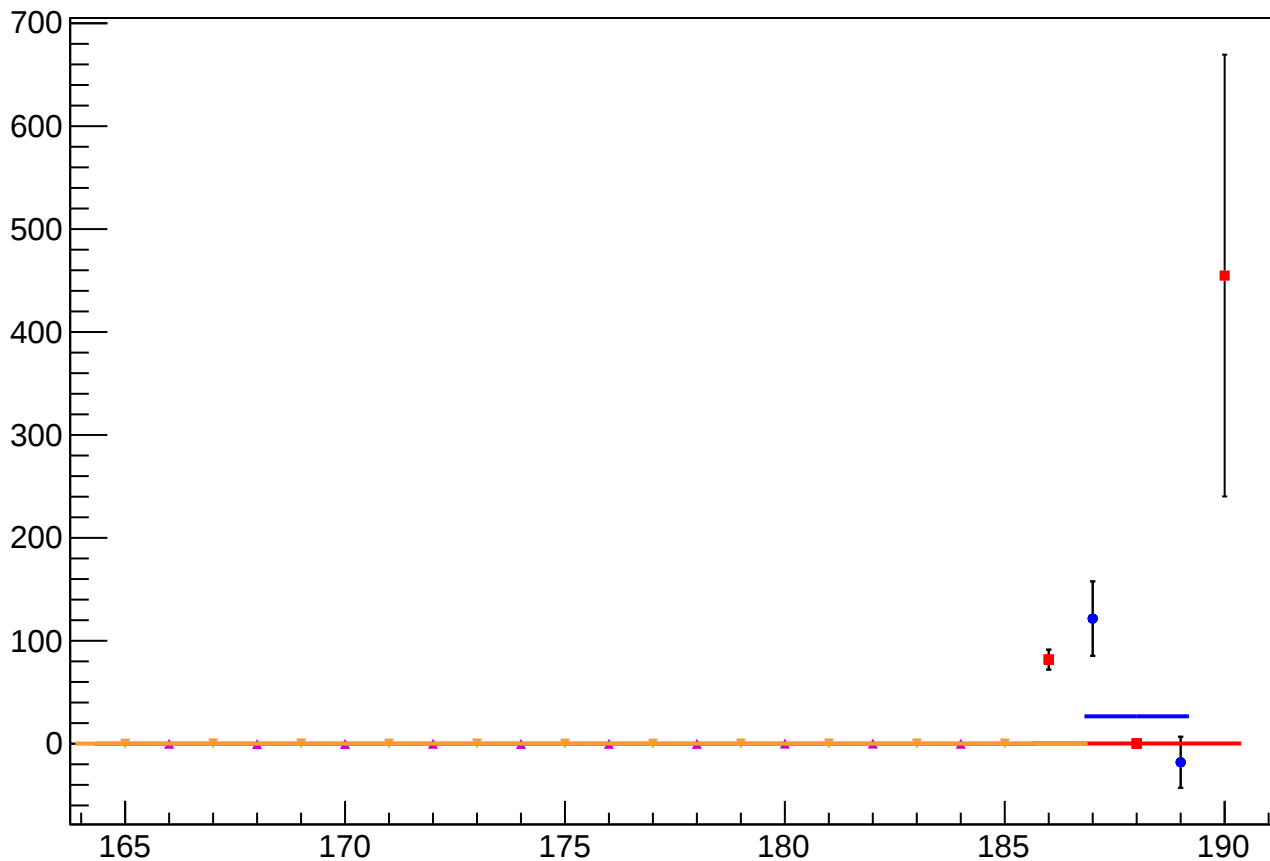
Right: -0.243 ± 0.150 $\chi^2/\text{NDF}: 15.7/8$

In: -0.081 ± 0.023 $\chi^2/\text{NDF}: 28.5/13$

Out: 0.000 ± 0.022 $\chi^2/\text{NDF}: 14.4/15$

All: -0.038 ± 0.016 $\chi^2/\text{NDF}: 49.3/29$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.048+/-0.018 χ^2/NDF : 37.1/20

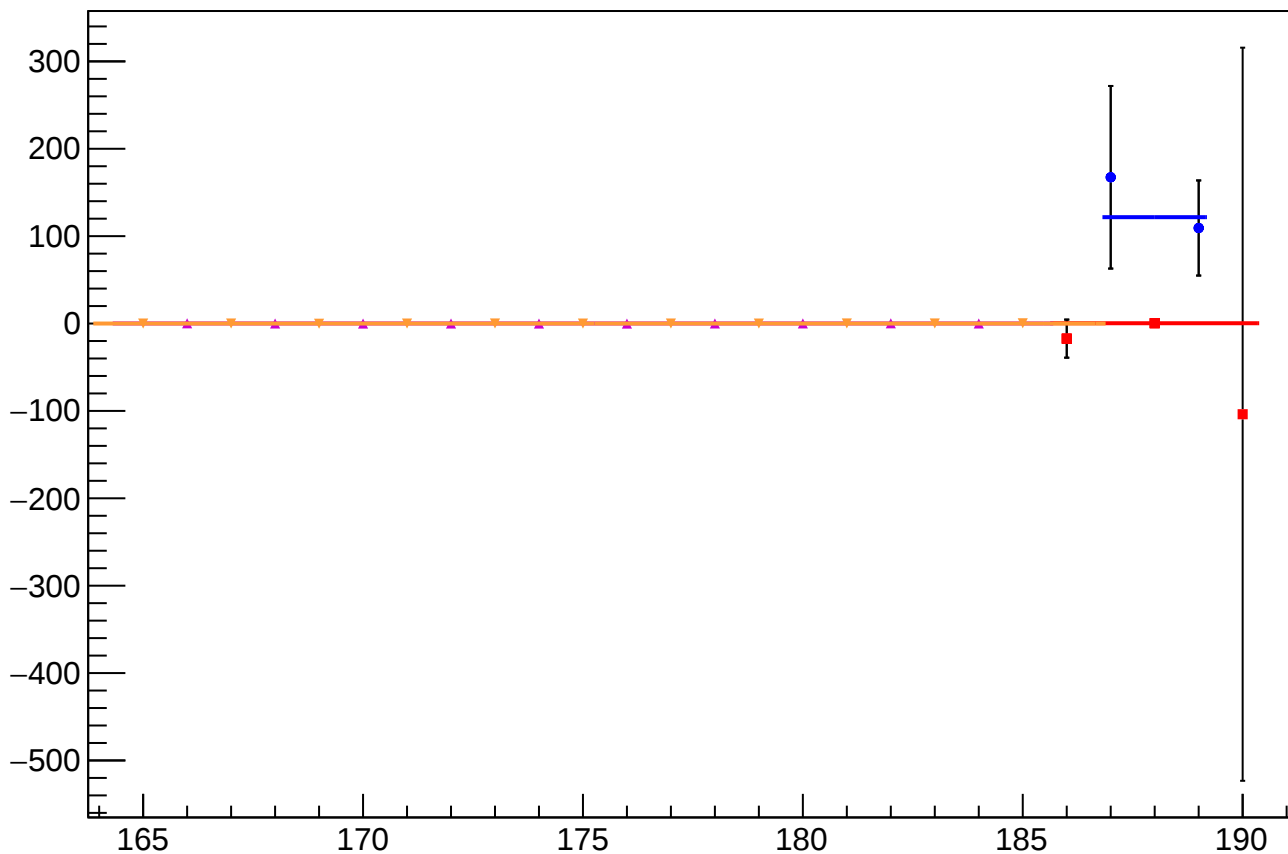
Right: 0.220+/-0.073 χ^2/NDF : 169.3/8

In: 0.016+/-0.026 χ^2/NDF :47.0/13

Out: 0.092+/-0.024 χ^2/NDF :160.0/15

All: 0.058+/-0.017 χ^2/NDF : 211.7/29

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 121.718 $\pm$ 34.131 χ^2 /NDF: 0.5/3

Left Out: 0.007 $\pm$ 0.024 χ^2 /NDF:12.6/10

Right Out: 0.344 $\pm$ 0.220 χ^2 /NDF: 1.4/4

Left In: 0.095 $\pm$ 0.025 χ^2 /NDF:16.6/9

Left: 0.049 $\pm$ 0.017 χ^2 /NDF: 35.4/20

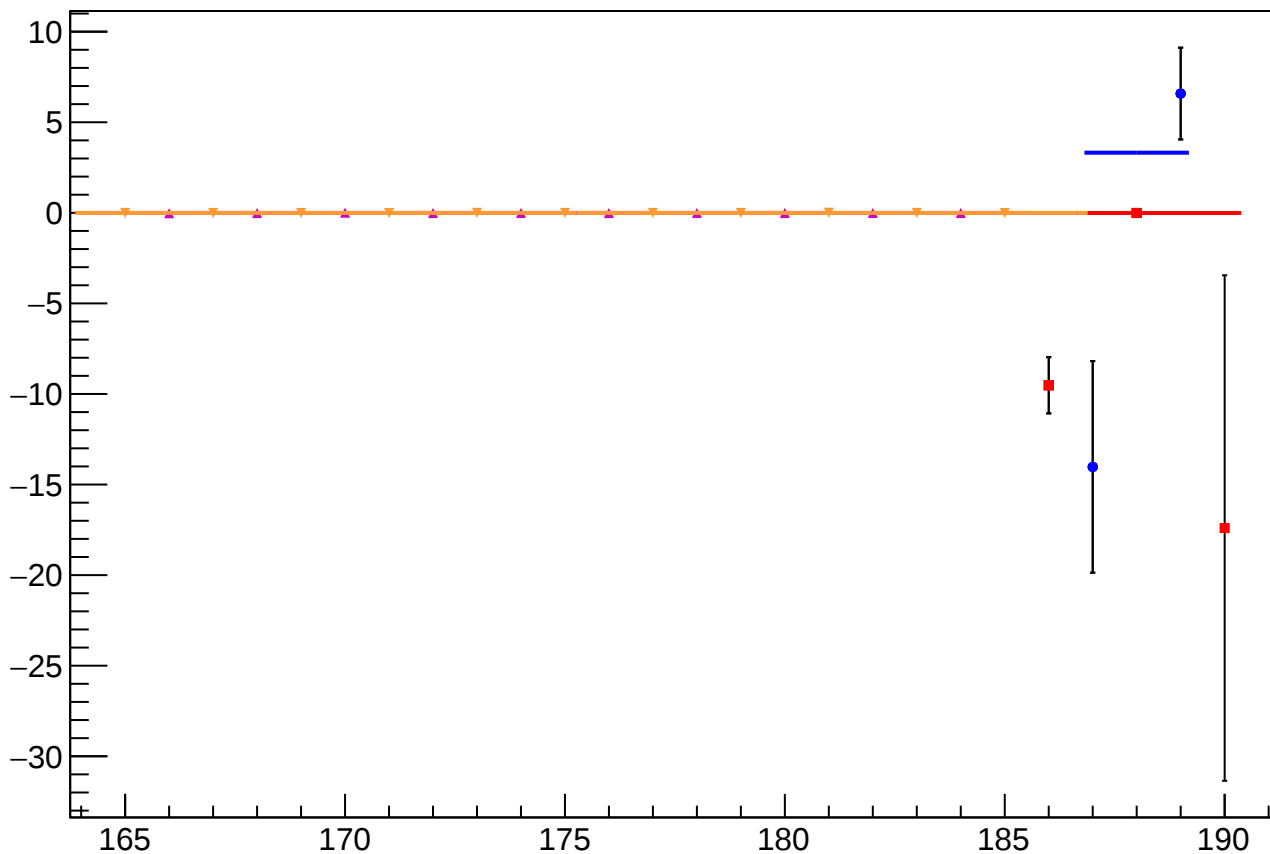
Right: 0.349 $\pm$ 0.220 χ^2 /NDF: 14.5/8

In: 0.095 $\pm$ 0.025 χ^2 /NDF:29.8/13

Out: 0.011 $\pm$ 0.024 χ^2 /NDF:16.3/15

All: 0.051 $\pm$ 0.017 χ^2 /NDF: 51.8/29

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.320+/-1.644 χ^2/NDF : 21.0/3

Left Out: -0.007+/-0.001 χ^2/NDF : 20.7/10

Right Out: -0.010+/-0.011 χ^2/NDF : 76.7/4

Left In: -0.006+/-0.001 χ^2/NDF : 20.5/9

Left: -0.007+/-0.001 χ^2/NDF : 41.5/20

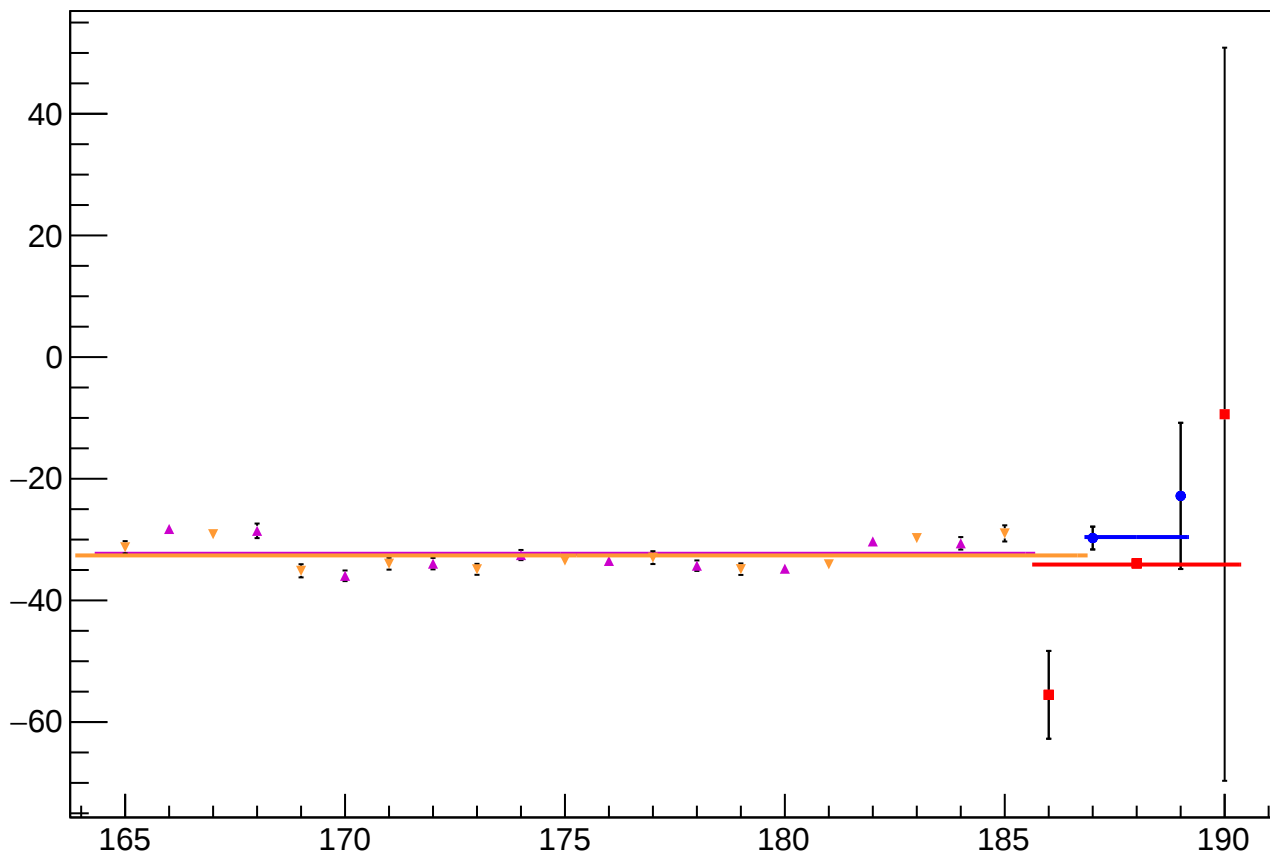
Right: -0.010+/-0.011 χ^2/NDF : 101.7/8

In: -0.006+/-0.001 χ^2/NDF : 45.6/13

Out: -0.007+/-0.001 χ^2/NDF : 97.5/15

All: -0.007+/-0.001 χ^2/NDF : 143.4/29

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.583 ± 1.310 $\chi^2/\text{NDF}: 0.6/3$

Left Out: -32.605 ± 0.256 $\chi^2/\text{NDF}: 72.5/10$

Right Out: -34.104 ± 0.486 $\chi^2/\text{NDF}: 17.9/4$

Left In: -32.333 ± 0.258 $\chi^2/\text{NDF}: 88.7/9$

Left: -32.470 ± 0.182 $\chi^2/\text{NDF}: 161.7/20$

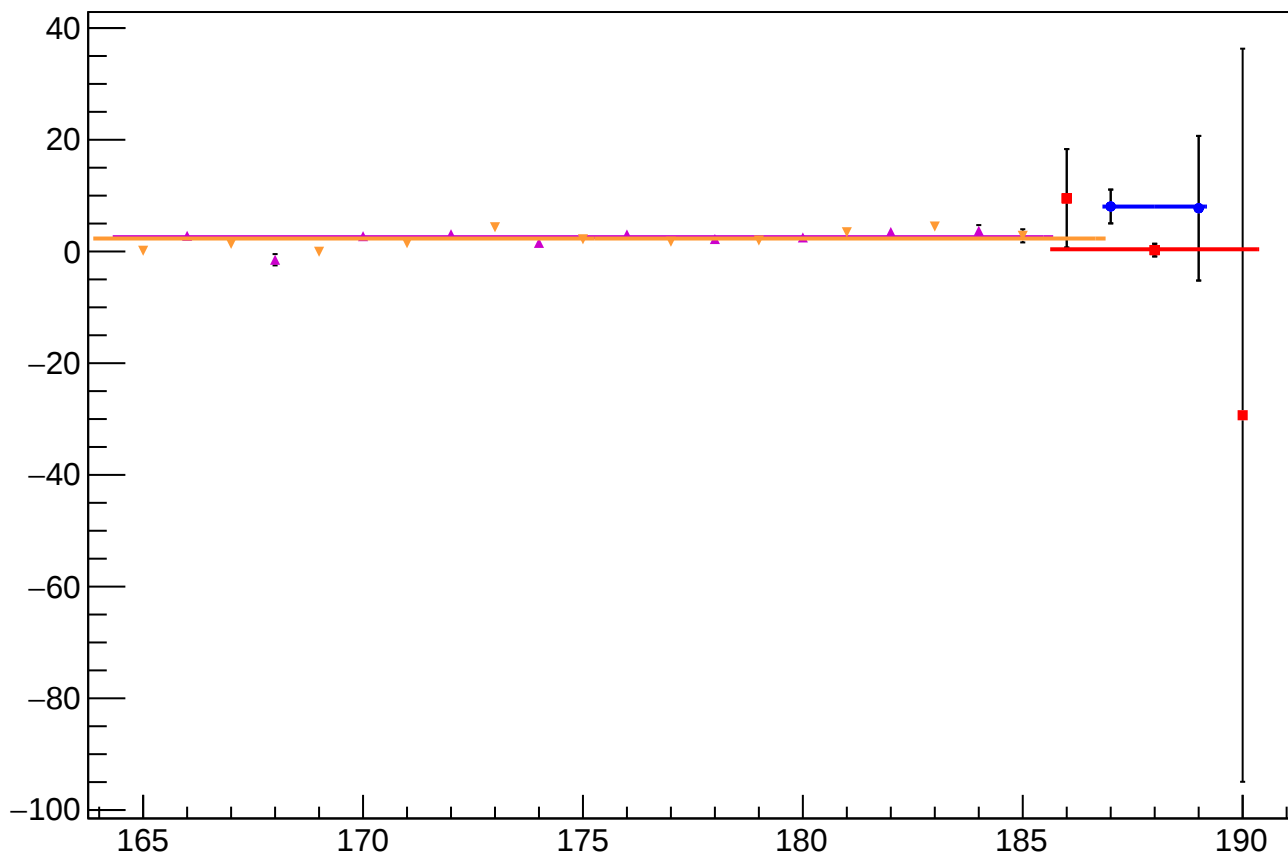
Right: -33.558 ± 0.455 $\chi^2/\text{NDF}: 29.0/8$

In: -32.230 ± 0.253 $\chi^2/\text{NDF}: 93.6/13$

Out: -32.930 ± 0.226 $\chi^2/\text{NDF}: 97.9/15$

All: -32.619 ± 0.169 $\chi^2/\text{NDF}: 195.7/29$

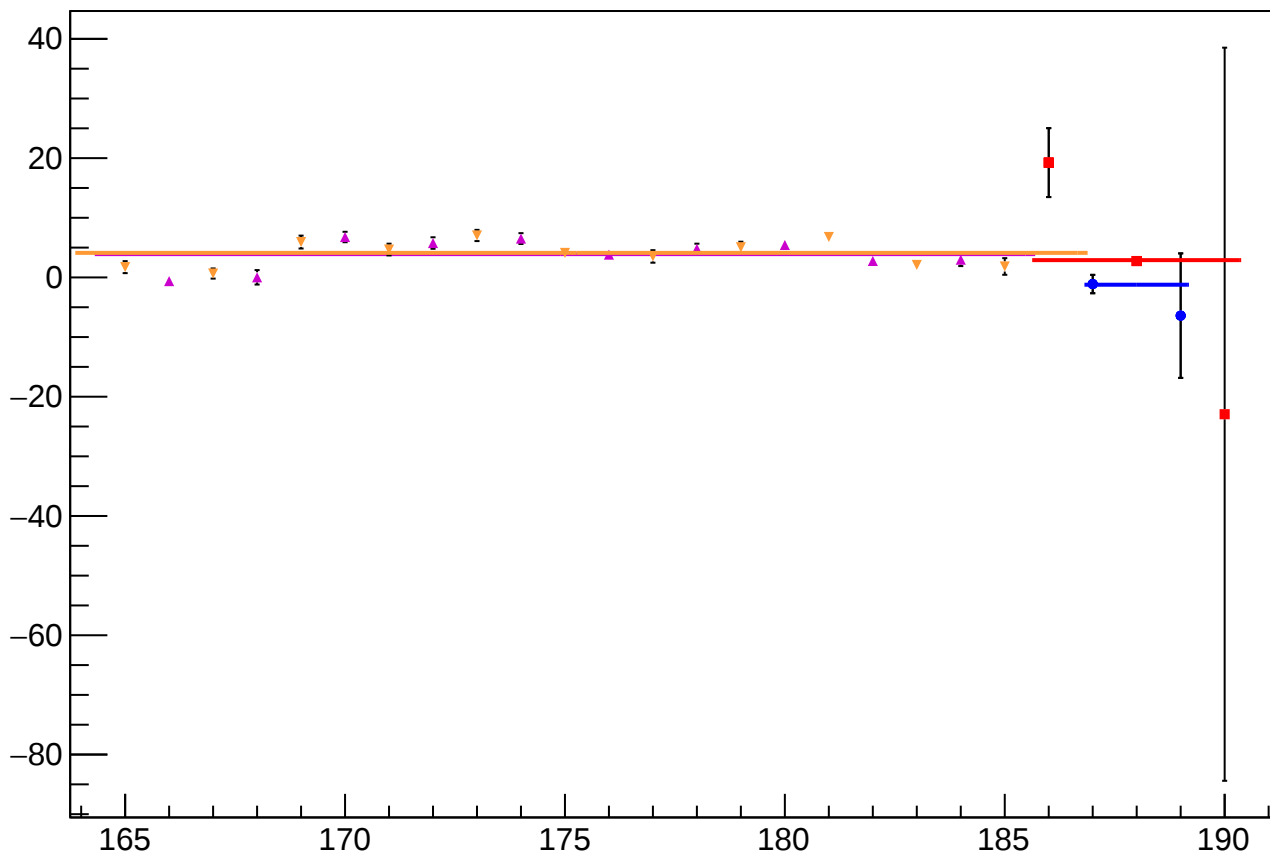
reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 22.8/9$

Left: 2.442 ± 0.164 $\chi^2/\text{NDF}: 64.6/20$
 Right: 1.367 ± 0.743 $\chi^2/\text{NDF}: 14.1/8$
 In: 2.636 ± 0.233 $\chi^2/\text{NDF}: 29.6/13$
 Out: 2.172 ± 0.221 $\chi^2/\text{NDF}: 49.1/15$
 All: 2.392 ± 0.160 $\chi^2/\text{NDF}: 80.8/29$

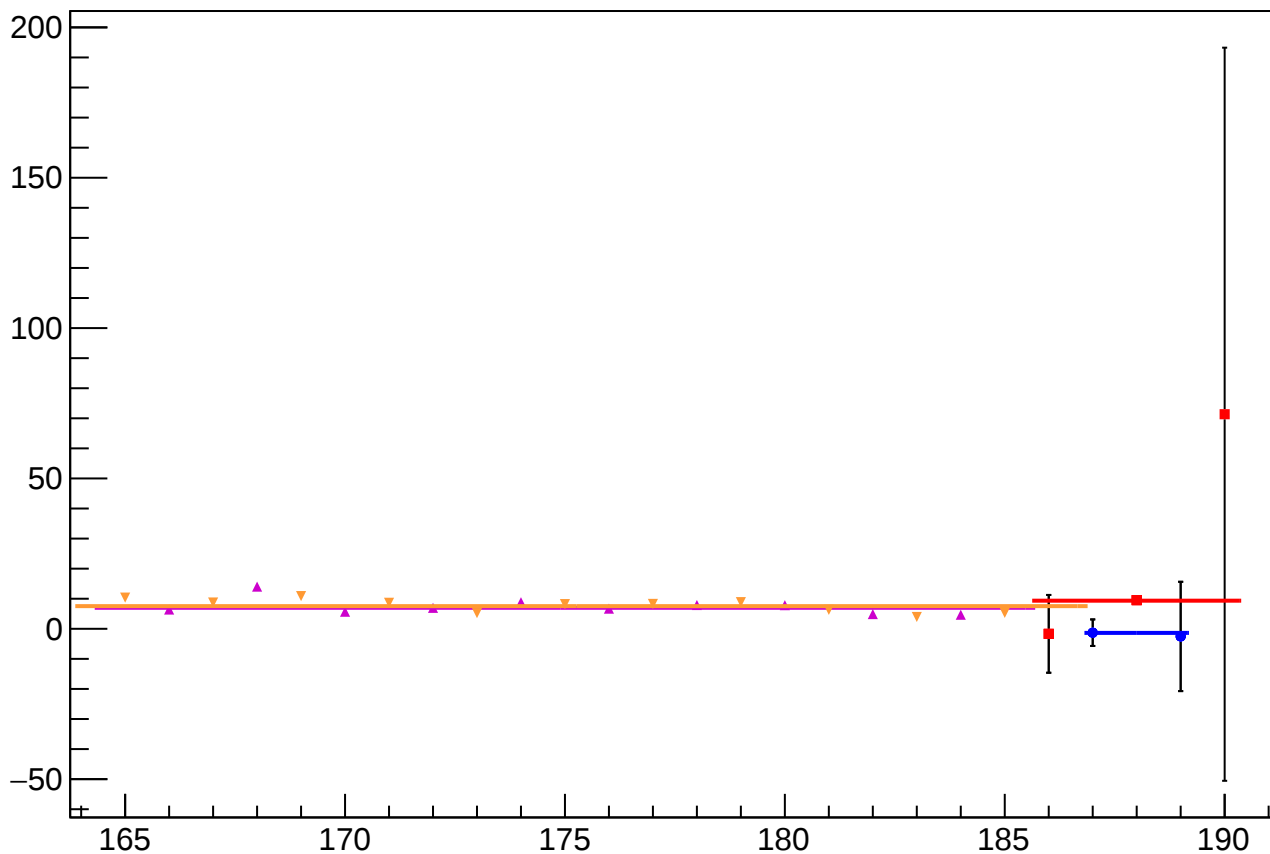
reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 4.014 +/- 0.185 χ^2/NDF : 137.7/20
 Right: 2.416 +/- 0.369 χ^2/NDF : 29.8/8
 In: 3.619 +/- 0.255 χ^2/NDF : 93.6/13
 Out: 3.746 +/- 0.217 χ^2/NDF : 88.7/15
 All: 3.693 +/- 0.165 χ^2/NDF : 182.5/29

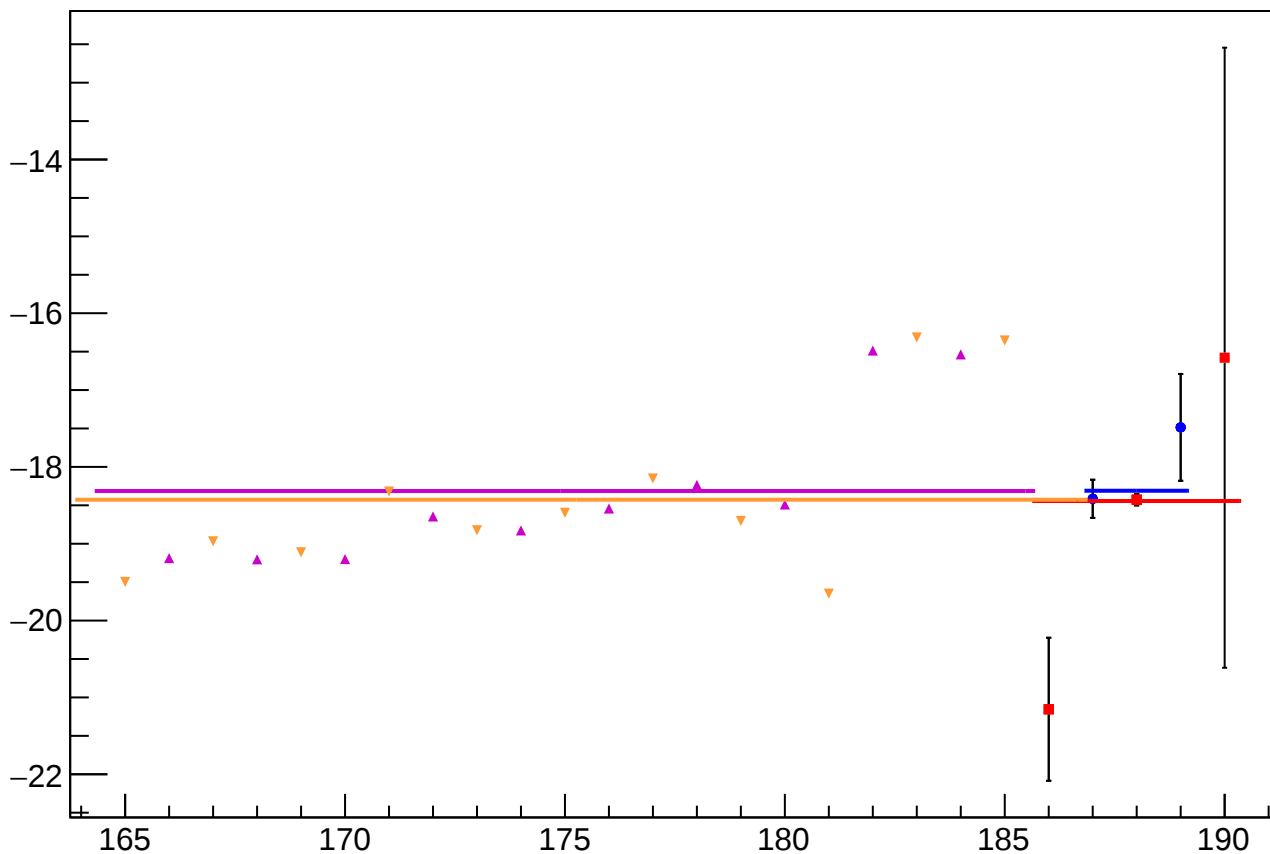
reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.363 ± 3.030 $\chi^2/\text{NDF}: 0.0/3$
 Left Out: 7.535 ± 0.248 $\chi^2/\text{NDF}: 74.1/10$
 Right Out: 9.350 ± 1.153 $\chi^2/\text{NDF}: 1.7/4$
 Left In: 6.986 ± 0.252 $\chi^2/\text{NDF}: 63.1/9$

Left: 7.265 ± 0.177 $\chi^2/\text{NDF}: 139.7/20$
 Right: 7.996 ± 1.077 $\chi^2/\text{NDF}: 12.7/8$
 In: 6.929 ± 0.251 $\chi^2/\text{NDF}: 70.7/13$
 Out: 7.615 ± 0.242 $\chi^2/\text{NDF}: 78.2/15$
 All: 7.284 ± 0.174 $\chi^2/\text{NDF}: 152.8/29$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.310 $\pm$ 0.165 χ^2 /NDF: 3.2/3

Left Out: -18.427 $\pm$ 0.011 χ^2 /NDF: 9139.8/10

Right Out: -18.444 $\pm$ 0.052 χ^2 /NDF: 17.3/4

Left In: -18.313 $\pm$ 0.011 χ^2 /NDF: 7440.8/9

Left: -18.371 $\pm$ 0.008 χ^2 /NDF: 16632.2/20

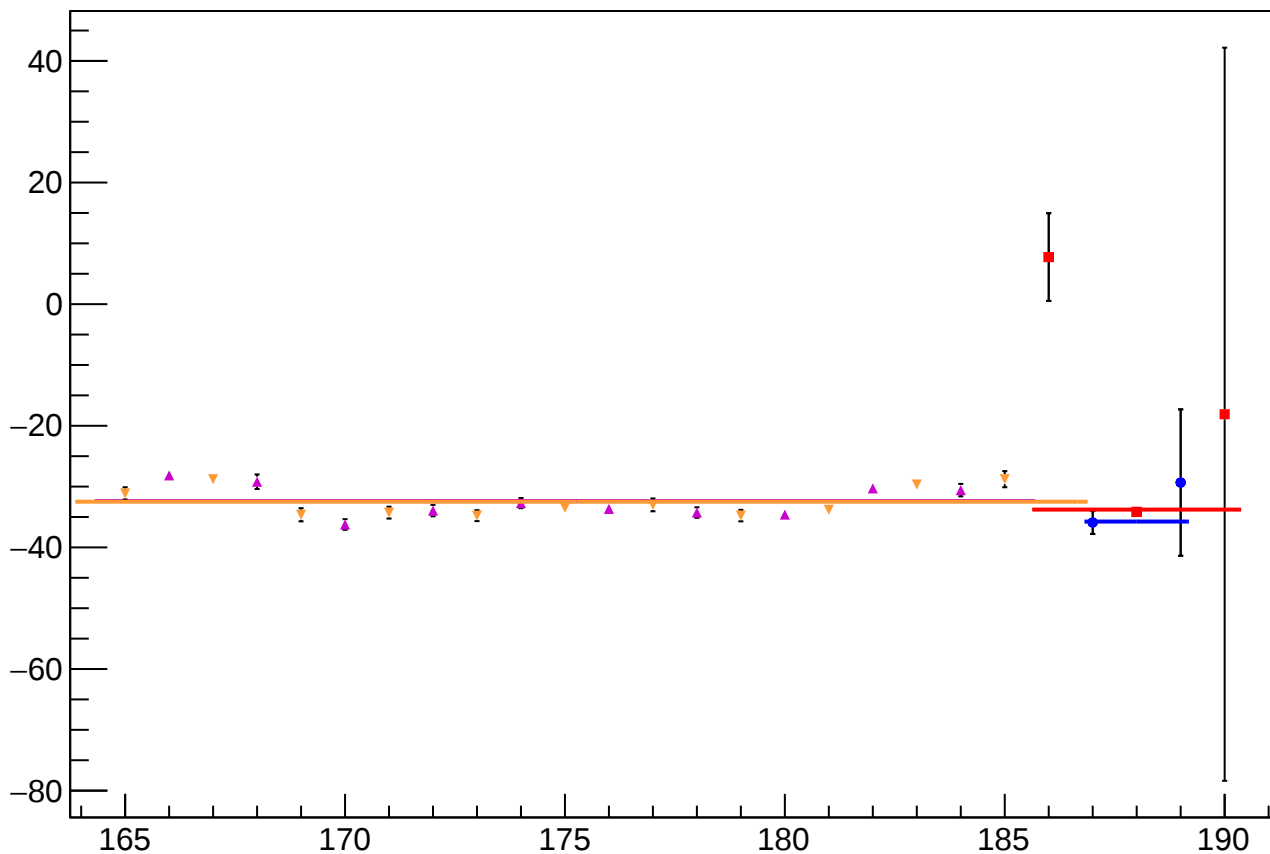
Right: -18.432 $\pm$ 0.050 χ^2 /NDF: 21.0/8

In: -18.313 $\pm$ 0.011 χ^2 /NDF: 7444.0/13

Out: -18.428 $\pm$ 0.011 χ^2 /NDF: 9157.2/15

All: -18.373 $\pm$ 0.008 χ^2 /NDF: 16654.7/29

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.749 ± 1.314 $\chi^2/\text{NDF}: 0.6/3$

Left Out: -32.484 ± 0.256 $\chi^2/\text{NDF}: 74.7/10$

Right Out: -33.783 ± 0.486 $\chi^2/\text{NDF}: 67.0/4$

Left In: -32.380 ± 0.258 $\chi^2/\text{NDF}: 88.9/9$

Left: -32.433 ± 0.182 $\chi^2/\text{NDF}: 163.7/20$

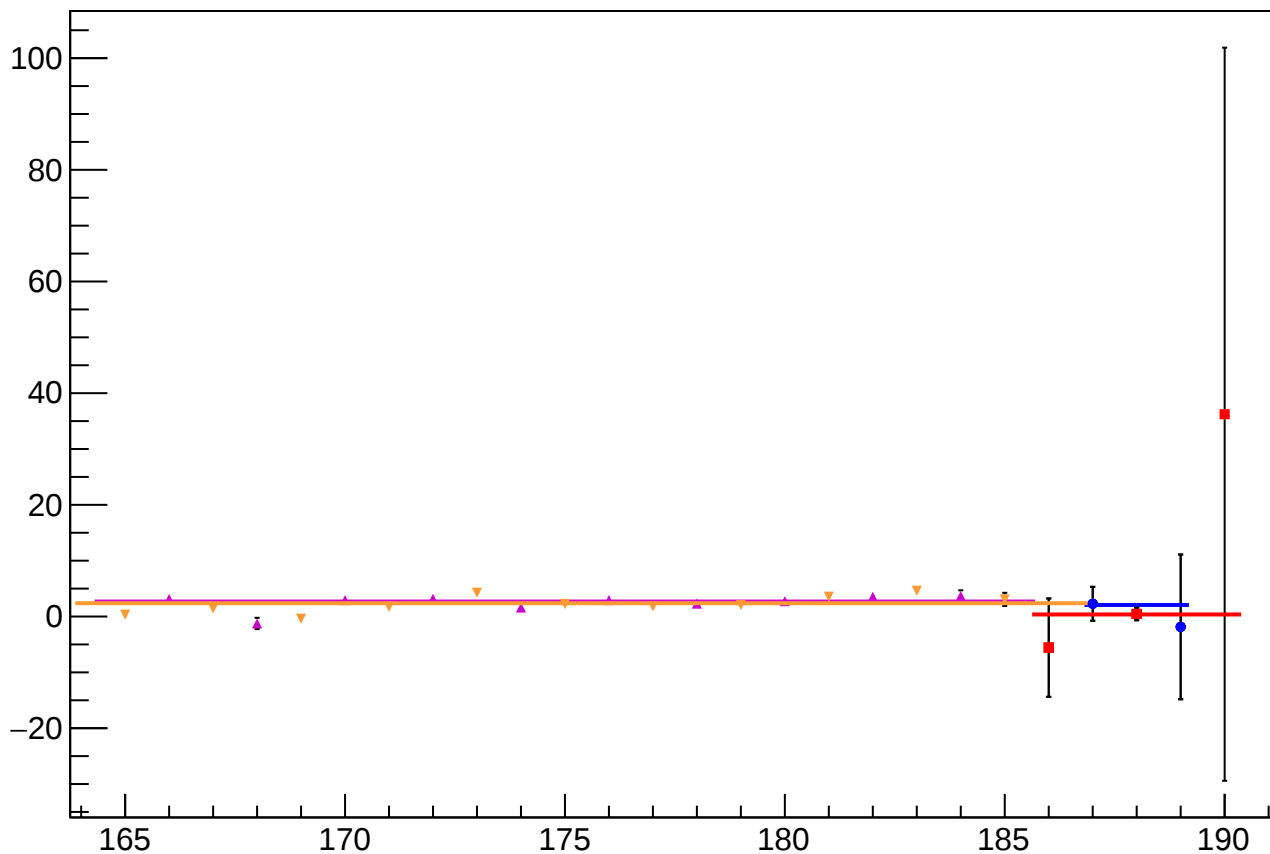
Right: -34.019 ± 0.456 $\chi^2/\text{NDF}: 69.6/8$

In: -32.505 ± 0.253 $\chi^2/\text{NDF}: 95.8/13$

Out: -32.765 ± 0.226 $\chi^2/\text{NDF}: 147.3/15$

All: -32.650 ± 0.169 $\chi^2/\text{NDF}: 243.7/29$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.070+/-2.091 χ^2/NDF : 0.2/3

Left Out: 2.383+/-0.230 χ^2/NDF :43.8/10

Right Out: 0.370+/-0.795 χ^2/NDF : 1.2/4

Left In: 2.685+/-0.234 χ^2/NDF :21.5/9

Left: 2.531+/-0.164 χ^2/NDF : 66.1/20

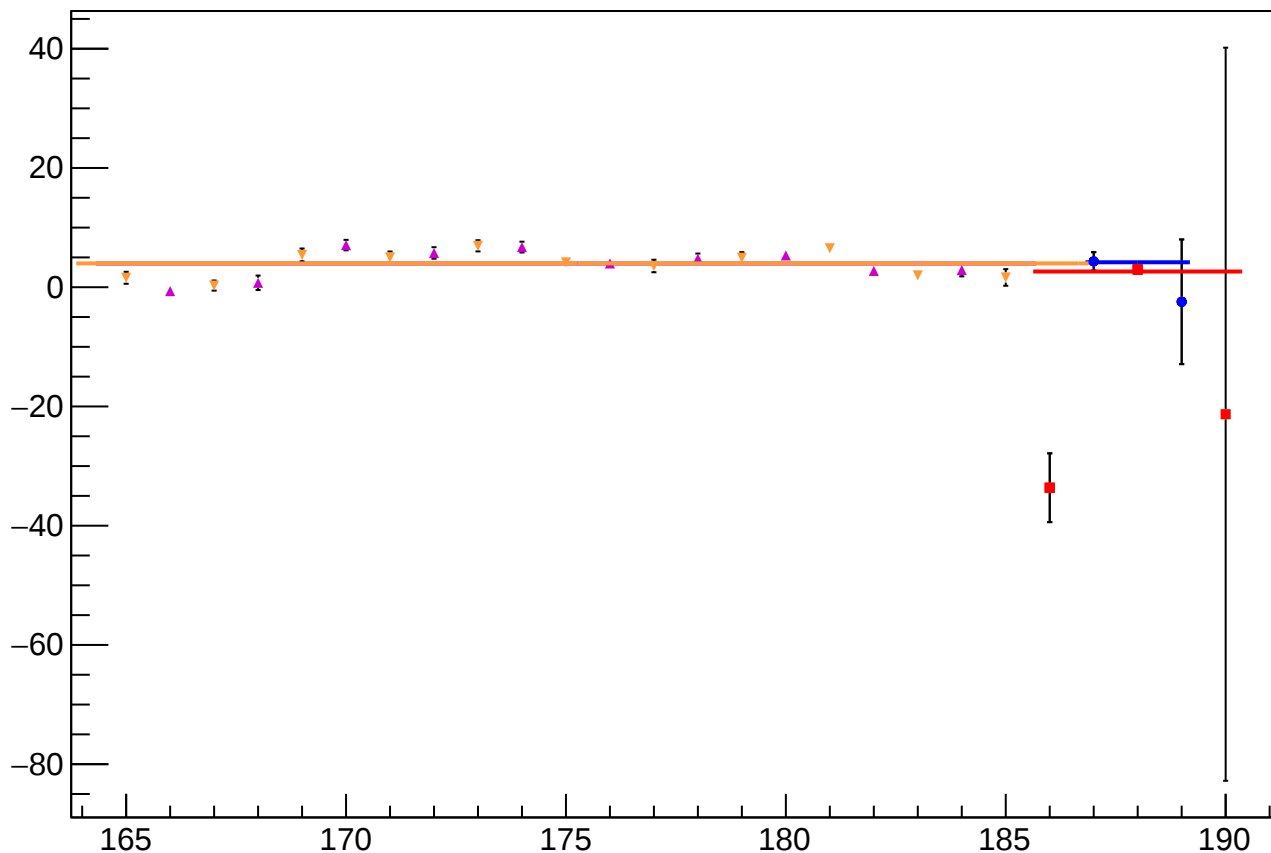
Right: 0.585+/-0.744 χ^2/NDF : 2.0/8

In: 2.677+/-0.233 χ^2/NDF :21.8/13

Out: 2.228+/-0.221 χ^2/NDF :50.9/15

All: 2.441+/-0.160 χ^2/NDF : 74.6/29

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 3.985 $\pm$ 0.185 χ^2 /NDF: 138.7/20

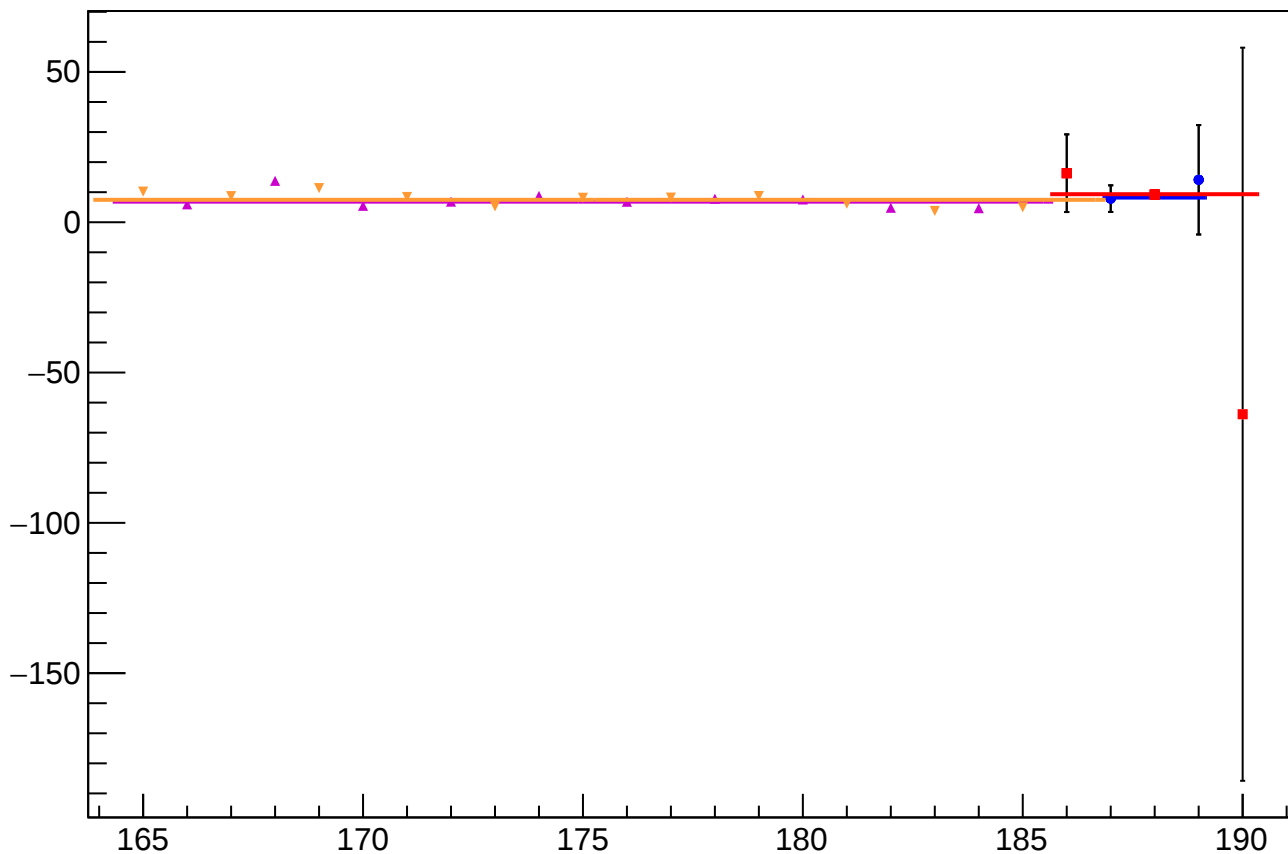
Right: 2.813 $\pm$ 0.369 χ^2 /NDF: 82.5/8

In: 3.985 $\pm$ 0.255 χ^2 /NDF:72.9/13

Out: 3.580 $\pm$ 0.217 χ^2 /NDF:154.9/15

All: 3.750 $\pm$ 0.165 χ^2 /NDF: 229.2/29

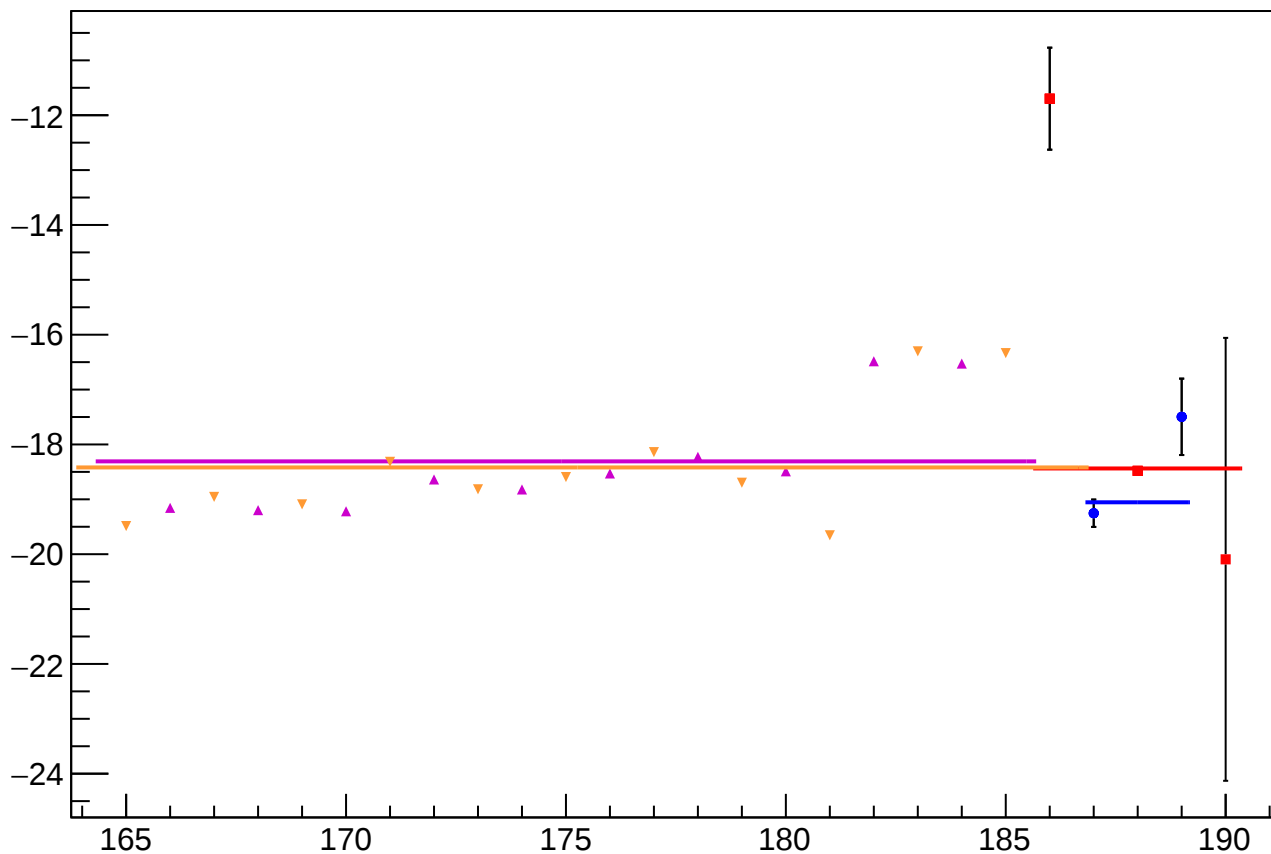
reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.208 $\pm$ 3.042 χ^2/NDF : 0.2/3
 Left Out: 7.463 $\pm$ 0.247 χ^2/NDF : 79.8/10
 Right Out: 9.330 $\pm$ 1.154 χ^2/NDF : 1.0/4
 Left In: 6.853 $\pm$ 0.252 χ^2/NDF : 62.0/9

Left: 7.163 $\pm$ 0.176 χ^2/NDF : 144.8/20
 Right: 9.189 $\pm$ 1.079 χ^2/NDF : 1.3/8
 In: 6.862 $\pm$ 0.251 χ^2/NDF : 62.4/13
 Out: 7.545 $\pm$ 0.242 χ^2/NDF : 83.2/15
 All: 7.216 $\pm$ 0.174 χ^2/NDF : 149.5/29

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.054 ± 0.166 χ^2/NDF : 11.3/3

Left Out: -18.419 ± 0.011 χ^2/NDF : 9209.5/10

Right Out: -18.438 ± 0.052 χ^2/NDF : 105.9/4

Left In: -18.308 ± 0.011 χ^2/NDF : 7445.8/9

Left: -18.364 ± 0.008 χ^2/NDF : 16704.1/20

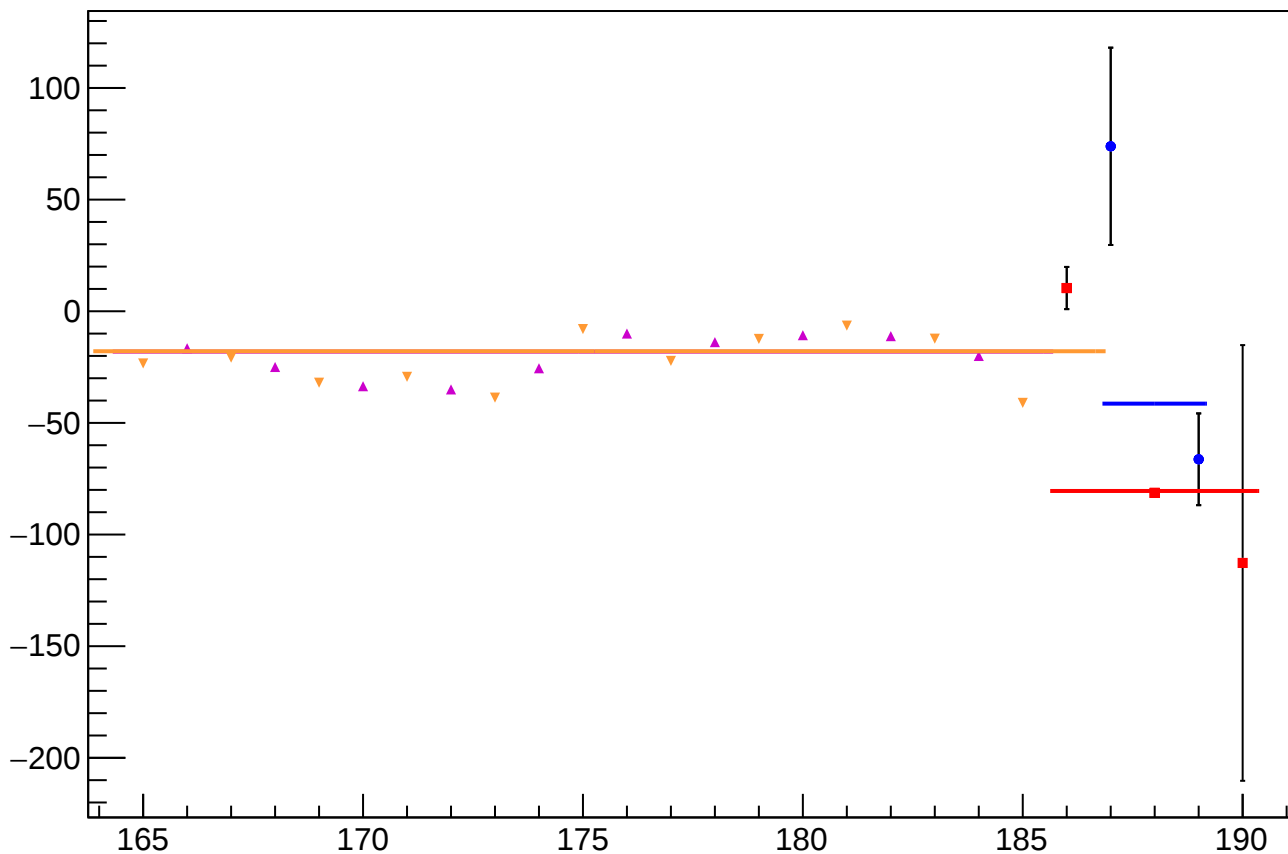
Right: -18.494 ± 0.050 χ^2/NDF : 129.8/8

In: -18.312 ± 0.011 χ^2/NDF : 7477.2/13

Out: -18.420 ± 0.011 χ^2/NDF : 9315.5/15

All: -18.368 ± 0.008 χ^2/NDF : 16840.4/29

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -17.991+/-0.190 χ^2 /NDF: 2729.3/20

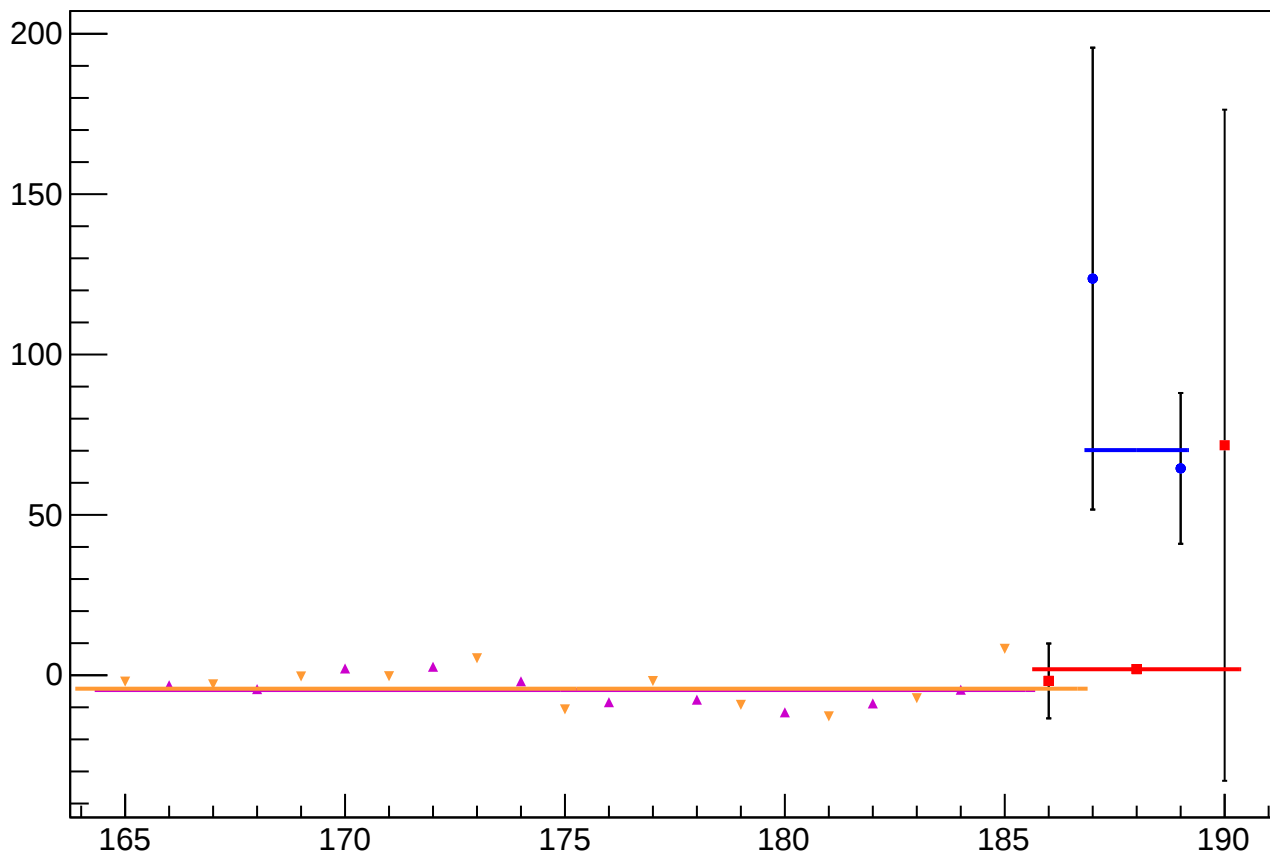
Right: -80.392+/-0.646 χ^2 /NDF: 212.3/8

In: -18.086+/-0.271 χ^2 /NDF:1069.2/13

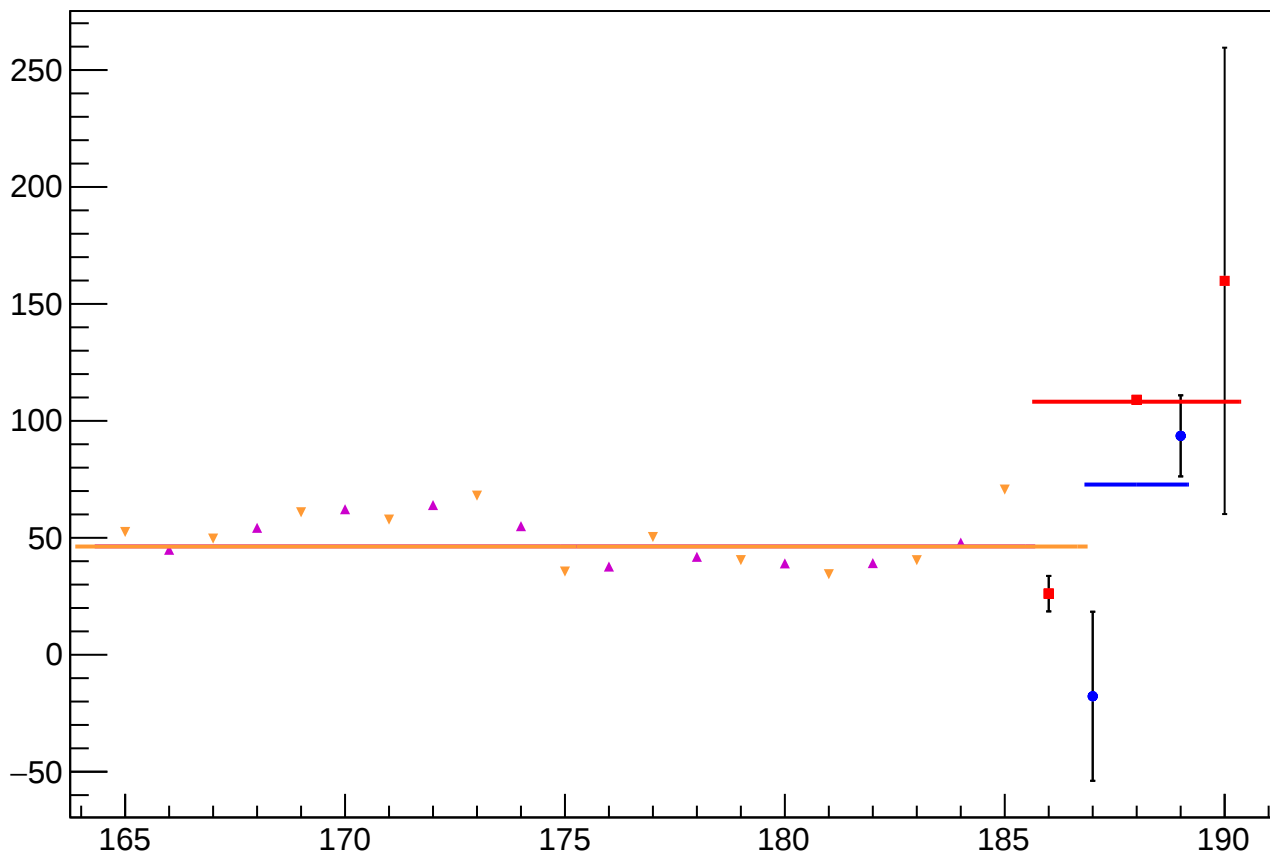
Out: -27.026+/-0.247 χ^2 /NDF:9853.9/15

All: -22.961+/-0.182 χ^2 /NDF: 11518.6/29

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 46.310 $\pm$ 0.194 χ^2 /NDF: 2850.6/20

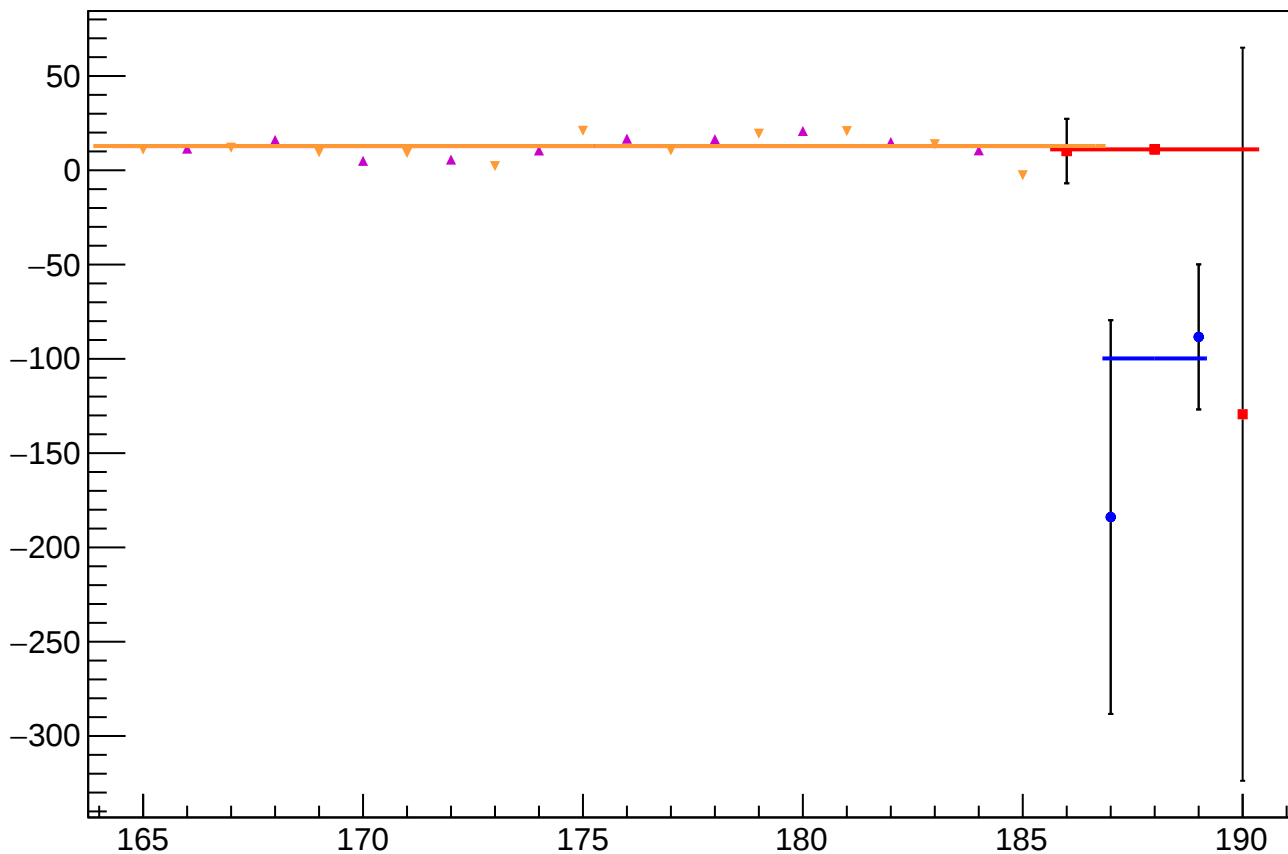
Right: 108.114 $\pm$ 0.521 χ^2 /NDF: 262.4/8

In: 46.362 $\pm$ 0.275 χ^2 /NDF:1131.6/13

Out: 59.496 $\pm$ 0.241 χ^2 /NDF:13042.2/15

All: 53.794 $\pm$ 0.181 χ^2 /NDF: 15461.1/29

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 378.0/9$

Left: 12.851 ± 0.185 $\chi^2/\text{NDF}: 1011.2/20$

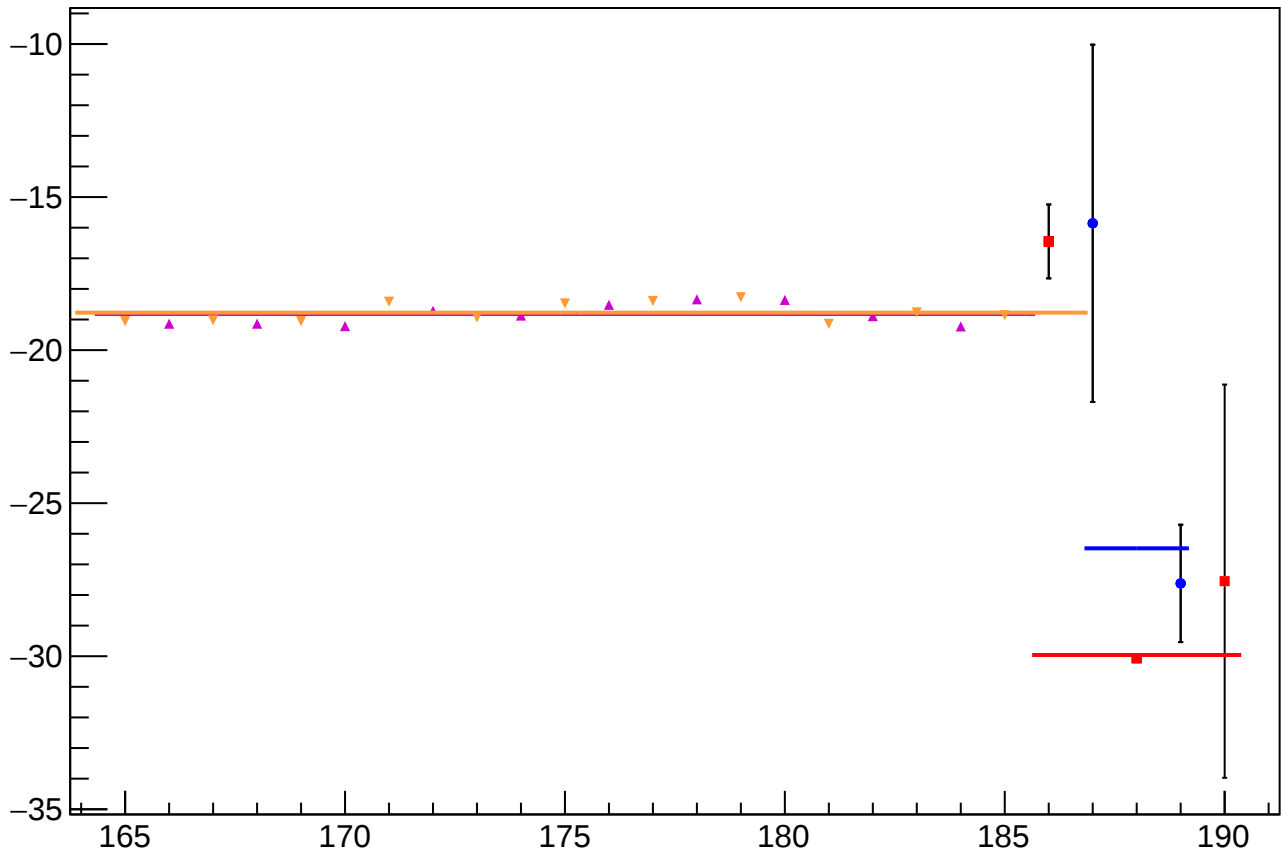
Right: 10.675 ± 1.562 $\chi^2/\text{NDF}: 20.8/8$

In: 12.823 ± 0.263 $\chi^2/\text{NDF}: 398.9/13$

Out: 12.818 ± 0.256 $\chi^2/\text{NDF}: 635.0/15$

All: 12.821 ± 0.183 $\chi^2/\text{NDF}: 1033.9/29$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -18.798+/-0.008 χ^2/NDF : 1374.7/20

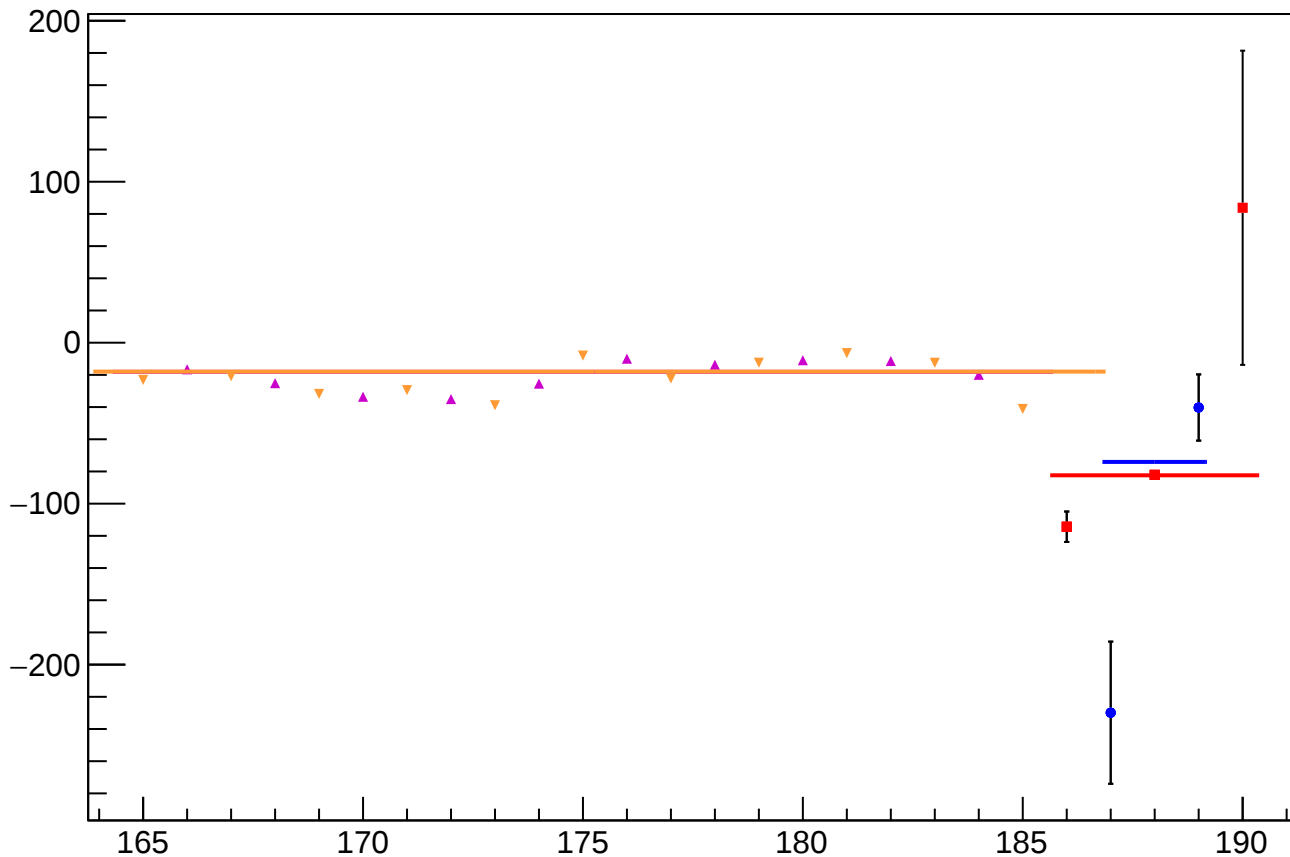
Right: -29.948+/-0.075 χ^2/NDF : 267.4/8

In: -18.822+/-0.012 χ^2/NDF : 753.1/13

Out: -19.037+/-0.012 χ^2/NDF : 22344.4/15

All: -18.932+/-0.008 χ^2/NDF : 23266.8/29

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -18.035 ± 0.190 χ^2/NDF : 2714.7/20

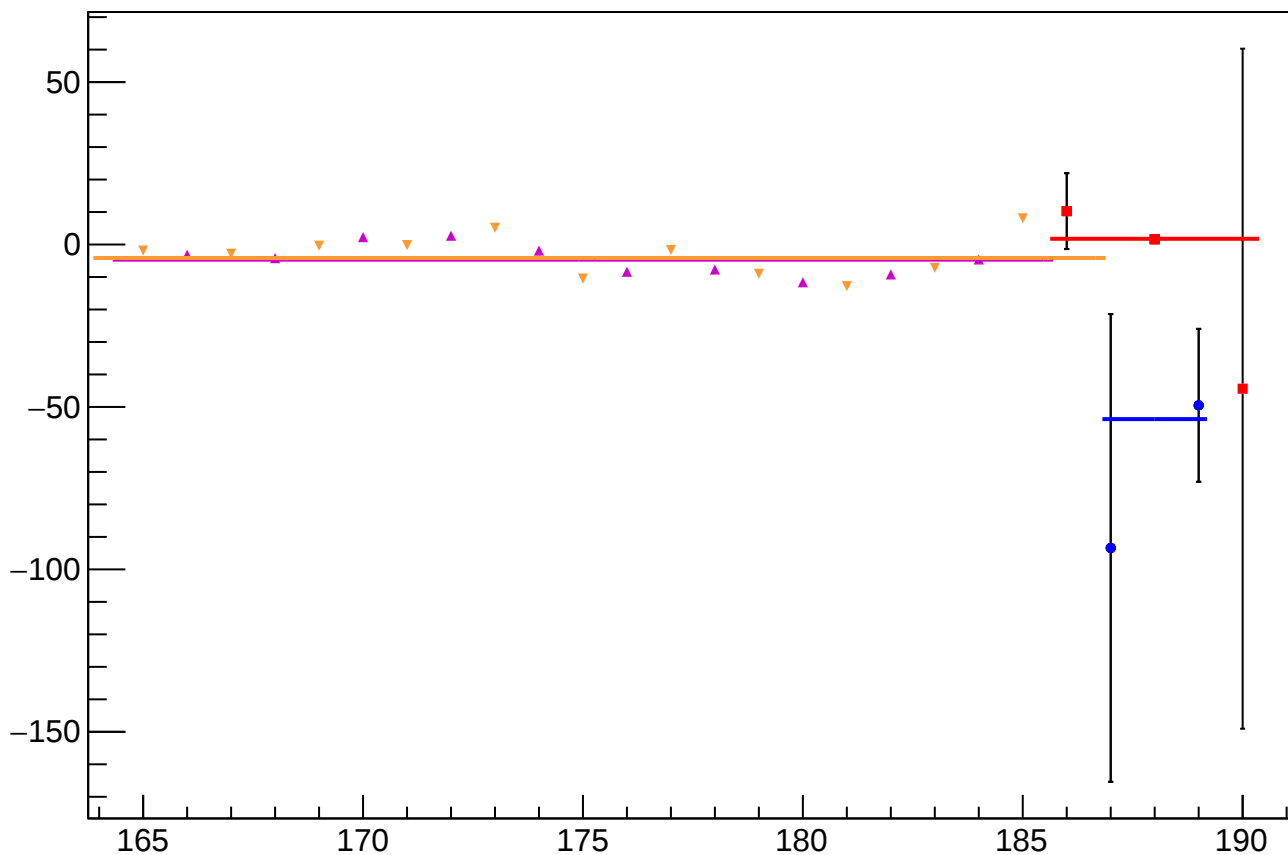
Right: -82.365 ± 0.647 χ^2/NDF : 56.6/8

In: -18.135 ± 0.271 χ^2/NDF : 1086.3/13

Out: -27.339 ± 0.247 χ^2/NDF : 10151.7/15

All: -23.155 ± 0.183 χ^2/NDF : 11868.2/29

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -53.739 ± 15.818 $\chi^2/\text{NDF}: 0.7/3$

Left Out: -4.142 ± 0.241 $\chi^2/\text{NDF}: 606.9/10$

Right Out: 1.767 ± 1.065 $\chi^2/\text{NDF}: 1.3/4$

Left In: -4.656 ± 0.245 $\chi^2/\text{NDF}: 402.8/9$

Left: -4.395 ± 0.172 $\chi^2/\text{NDF}: 1011.9/20$

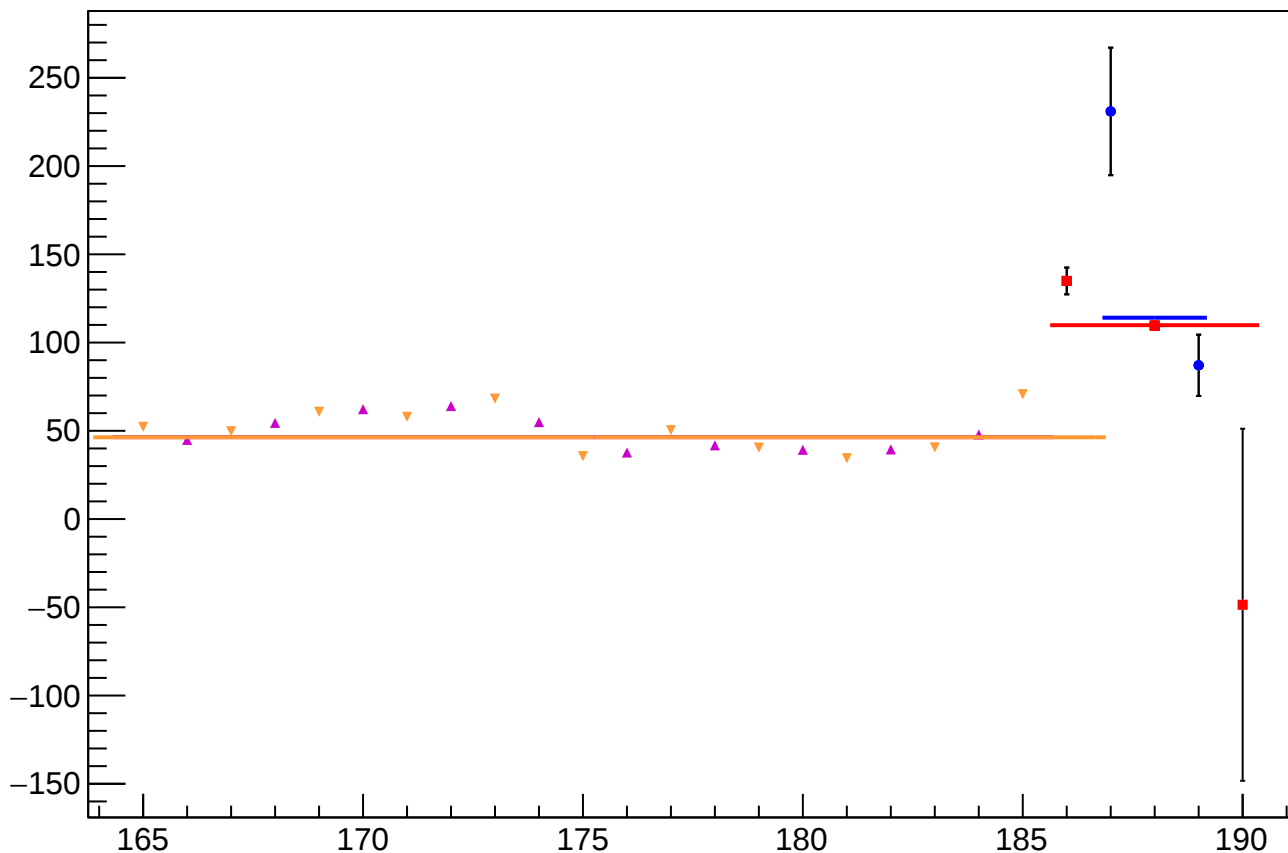
Right: 1.516 ± 1.063 $\chi^2/\text{NDF}: 14.2/8$

In: -4.668 ± 0.245 $\chi^2/\text{NDF}: 413.1/13$

Out: -3.855 ± 0.235 $\chi^2/\text{NDF}: 637.4/15$

All: -4.245 ± 0.169 $\chi^2/\text{NDF}: 1056.3/29$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 114.081+/-11.060 χ^2/NDF : 25.8/3

Left Out: 46.325+/-0.272 χ^2/NDF :1738.6/10

Right Out: 109.846+/-0.523 χ^2/NDF : 24.5/4

Left In: 46.420+/-0.276 χ^2/NDF :1099.3/9

Left: 46.372+/-0.194 χ^2/NDF : 2838.0/20

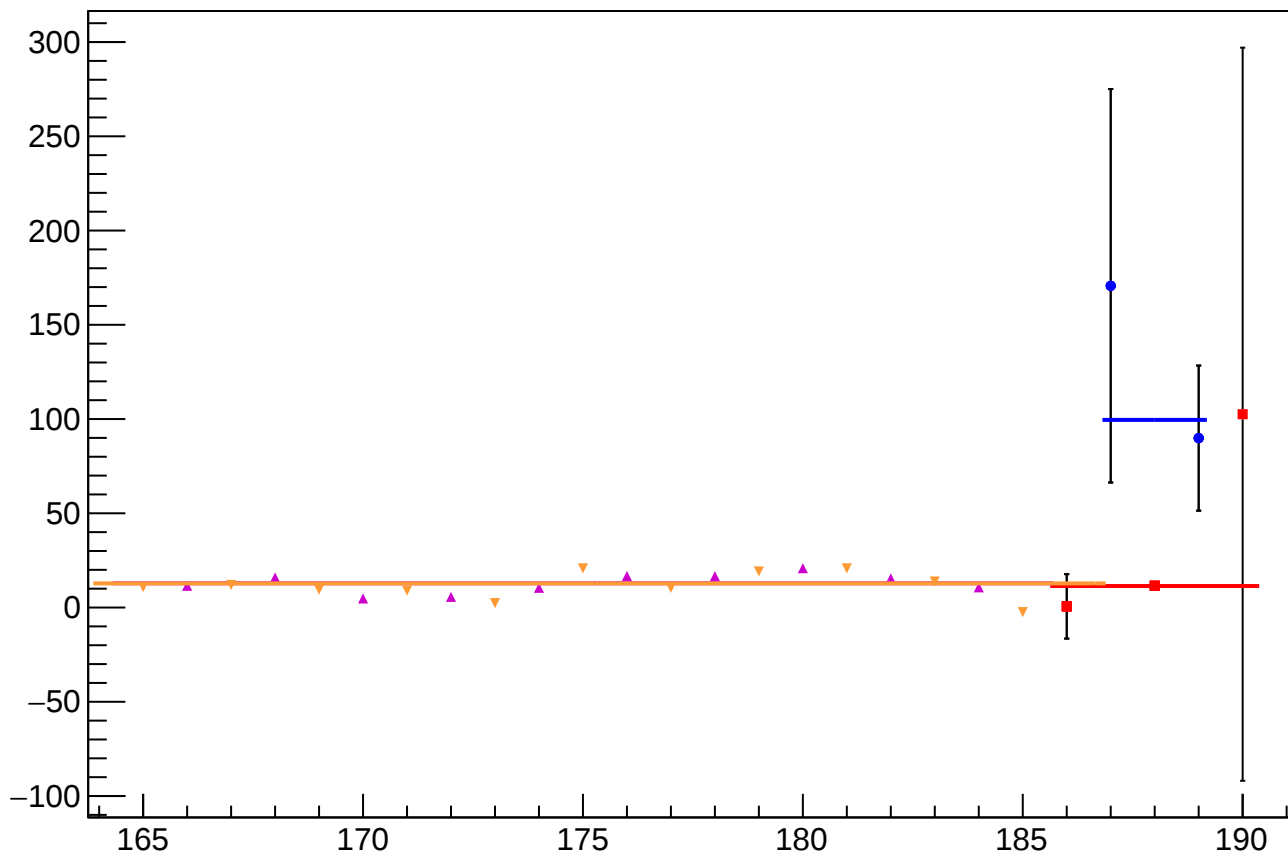
Right: 109.856+/-0.522 χ^2/NDF : 50.5/8

In: 46.462+/-0.276 χ^2/NDF :1162.4/13

Out: 59.875+/-0.241 χ^2/NDF :13387.7/15

All: 54.053+/-0.182 χ^2/NDF : 15891.0/29

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 12.850 $\pm$ 0.185 χ^2 /NDF: 1010.0/20

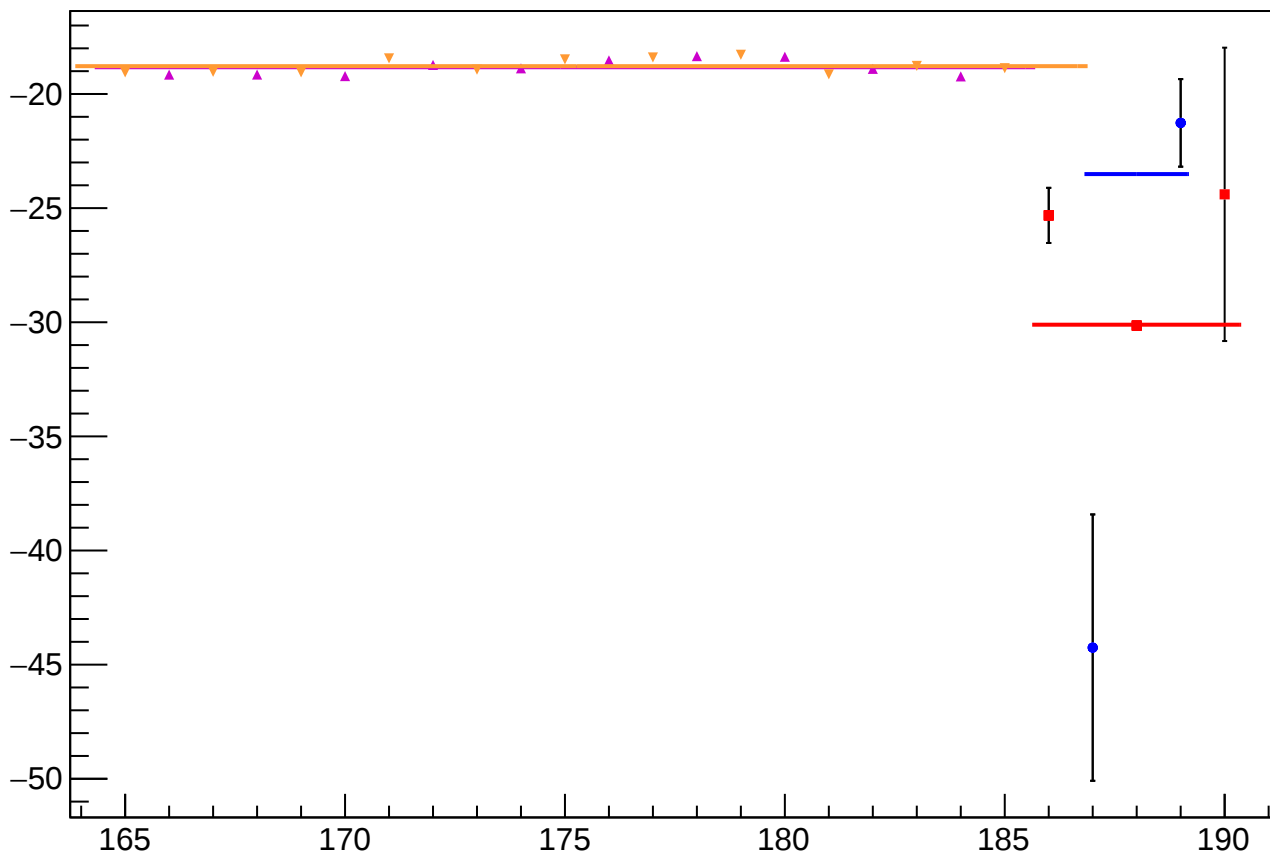
Right: 11.745 $\pm$ 1.563 χ^2 /NDF: 13.9/8

In: 12.897 $\pm$ 0.263 χ^2 /NDF:402.0/13

Out: 12.776 $\pm$ 0.256 χ^2 /NDF:622.3/15

All: 12.835 $\pm$ 0.184 χ^2 /NDF: 1024.4/29

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -23.509 ± 1.289 $\chi^2/\text{NDF}: 28.0/3$
 Left Out: -18.781 ± 0.012 $\chi^2/\text{NDF}: 636.9/10$
 Right Out: -30.107 ± 0.076 $\chi^2/\text{NDF}: 32.5/4$
 Left In: -18.828 ± 0.012 $\chi^2/\text{NDF}: 709.1/9$

Left: -18.804 ± 0.008 $\chi^2/\text{NDF}: 1354.1/20$

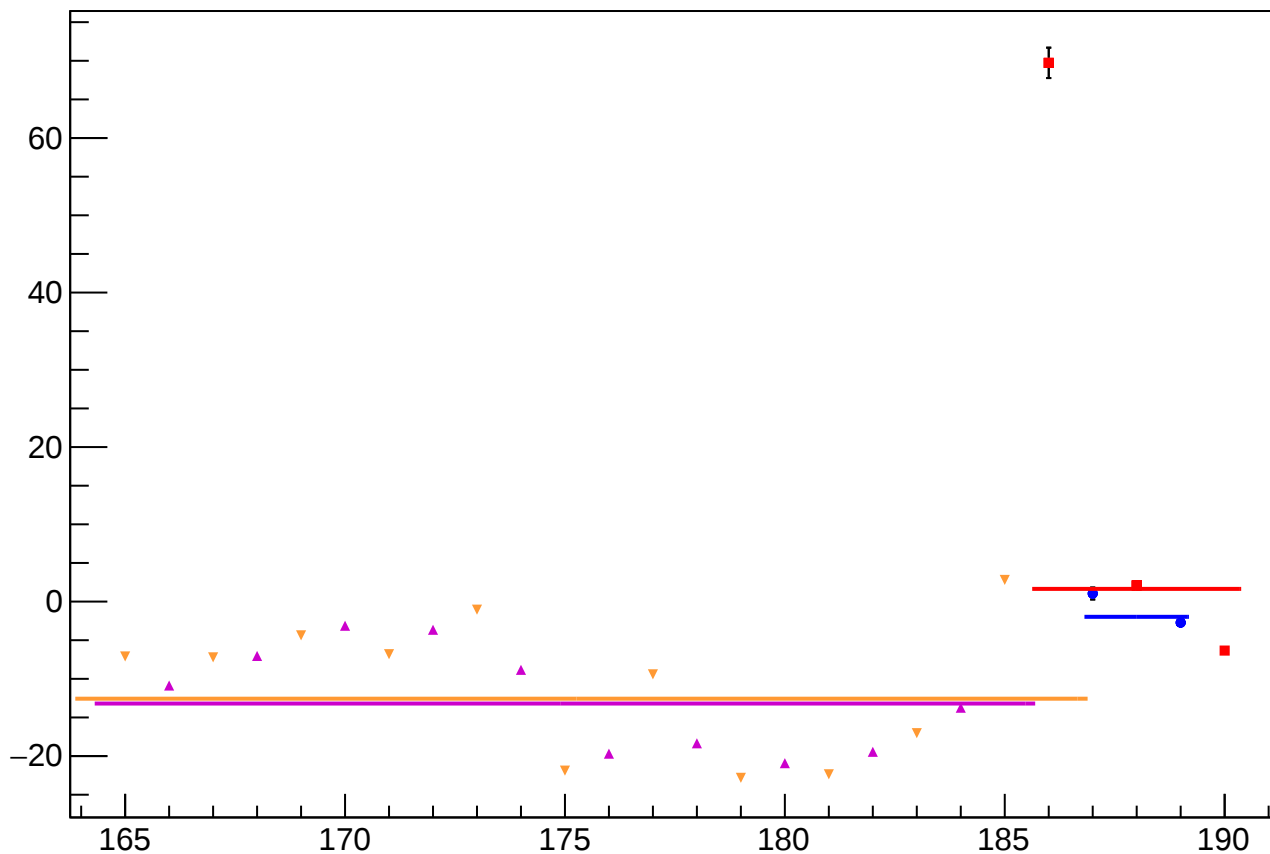
Right: -30.084 ± 0.075 $\chi^2/\text{NDF}: 86.6/8$

In: -18.829 ± 0.012 $\chi^2/\text{NDF}: 750.3/13$

Out: -19.045 ± 0.012 $\chi^2/\text{NDF}: 22613.2/15$

All: -18.940 ± 0.008 $\chi^2/\text{NDF}: 23534.7/29$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



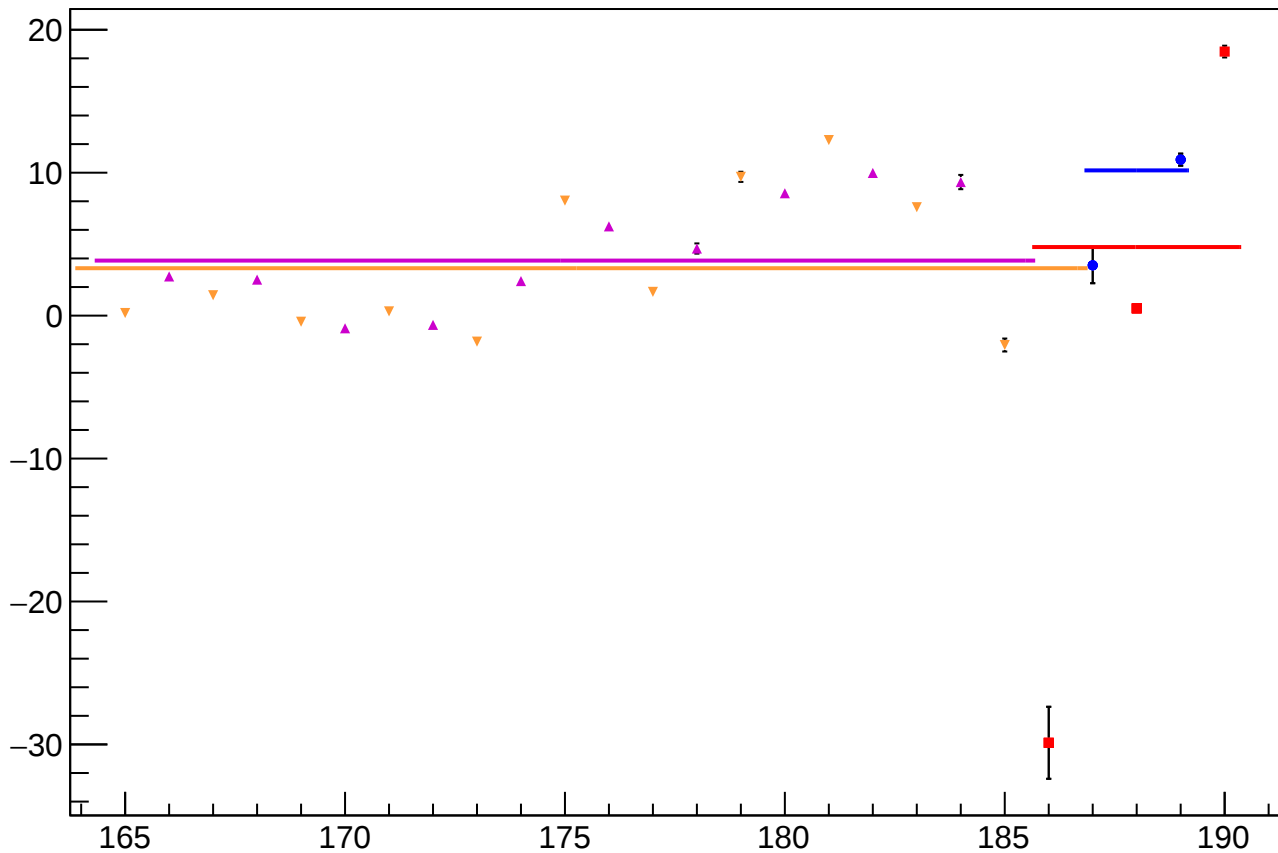
Right In: -1.972 ± 0.244 $\chi^2/\text{NDF}: 38.2/3$
 Left Out: -12.571 ± 0.100 $\chi^2/\text{NDF}: 7013.5/10$
 Right Out: 1.642 ± 0.138 $\chi^2/\text{NDF}: 2851.1/4$
 Left In: -13.198 ± 0.103 $\chi^2/\text{NDF}: 4346.3/9$

Left: -12.876 ± 0.072 $\chi^2/\text{NDF}: 11378.9/20$
 Right: 0.768 ± 0.120 $\chi^2/\text{NDF}: 3056.3/8$

In: -11.494 ± 0.095 $\chi^2/\text{NDF}: 6186.8/13$
 Out: -7.640 ± 0.081 $\chi^2/\text{NDF}: 16835.1/15$

All: -9.266 ± 0.062 $\chi^2/\text{NDF}: 23976.1/29$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 3.574 $\pm$ 0.064 χ^2 /NDF: 4682.1/20

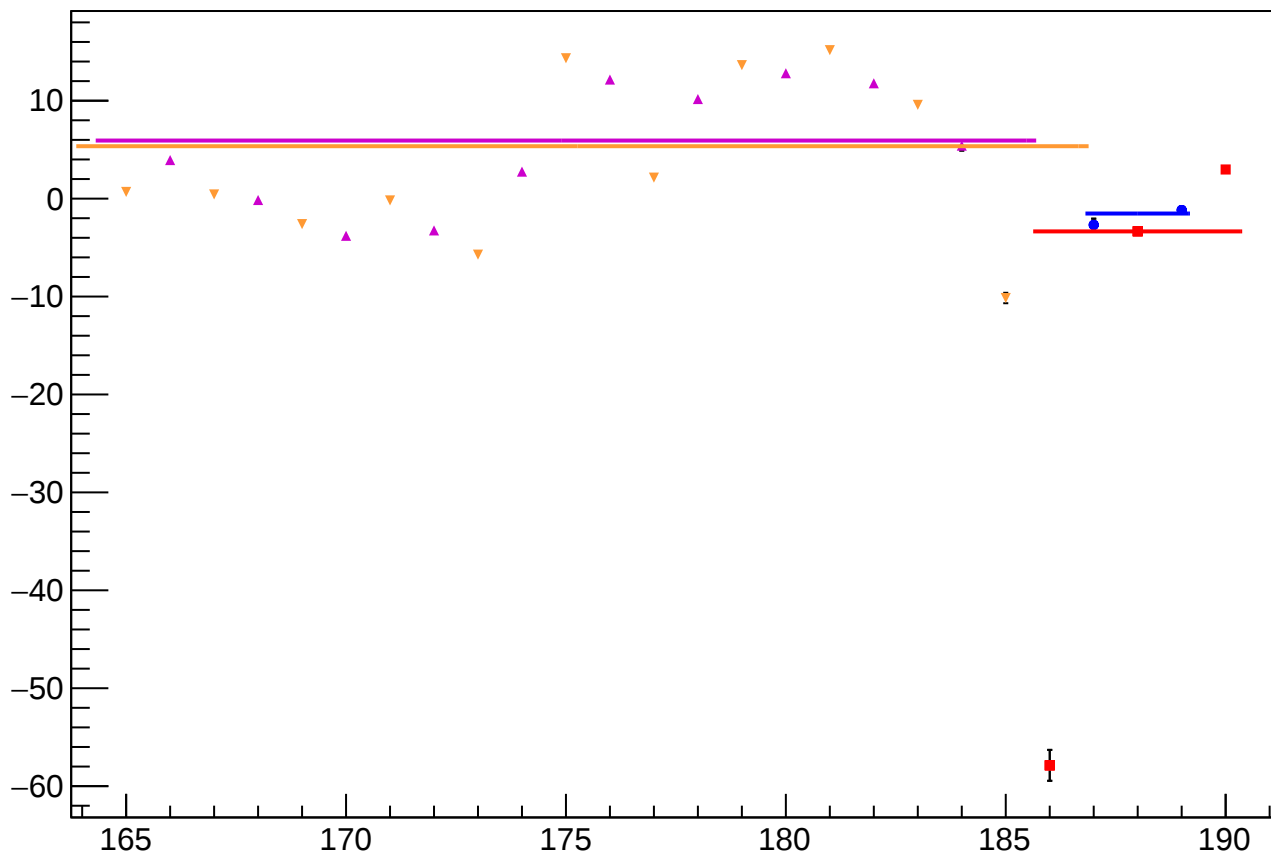
Right: 6.732 $\pm$ 0.169 χ^2 /NDF: 2067.7/8

In: 4.454 $\pm$ 0.087 χ^2 /NDF:2242.4/13

Out: 3.537 $\pm$ 0.081 χ^2 /NDF:4753.3/15

All: 3.965 $\pm$ 0.060 χ^2 /NDF: 7054.9/29

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 5.635 ± 0.073 $\chi^2/\text{NDF}: 9888.6/20$

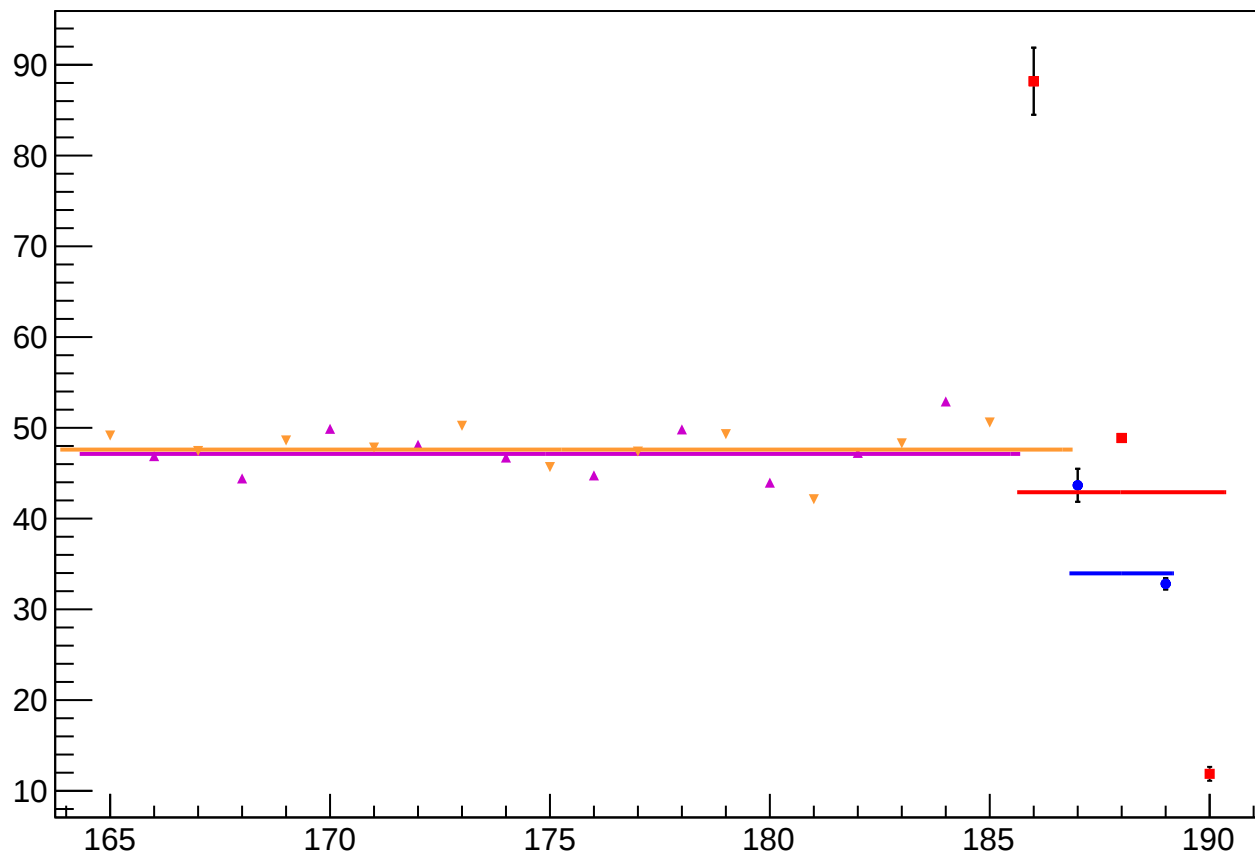
Right: -2.956 ± 0.101 $\chi^2/\text{NDF}: 2723.4/8$

In: 4.537 ± 0.094 $\chi^2/\text{NDF}: 4677.5/13$

Out: 1.486 ± 0.076 $\chi^2/\text{NDF}: 12049.2/15$

All: 2.685 ± 0.059 $\chi^2/\text{NDF}: 17360.3/29$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.963+/-0.419 χ^2/NDF : 63.6/3

Left Out: 47.603+/-0.096 χ^2/NDF : 584.6/10

Right Out: 42.904+/-0.323 χ^2/NDF : 2211.0/4

Left In: 47.126+/-0.099 χ^2/NDF : 549.5/9

Left: 47.373+/-0.069 χ^2/NDF : 1146.0/20

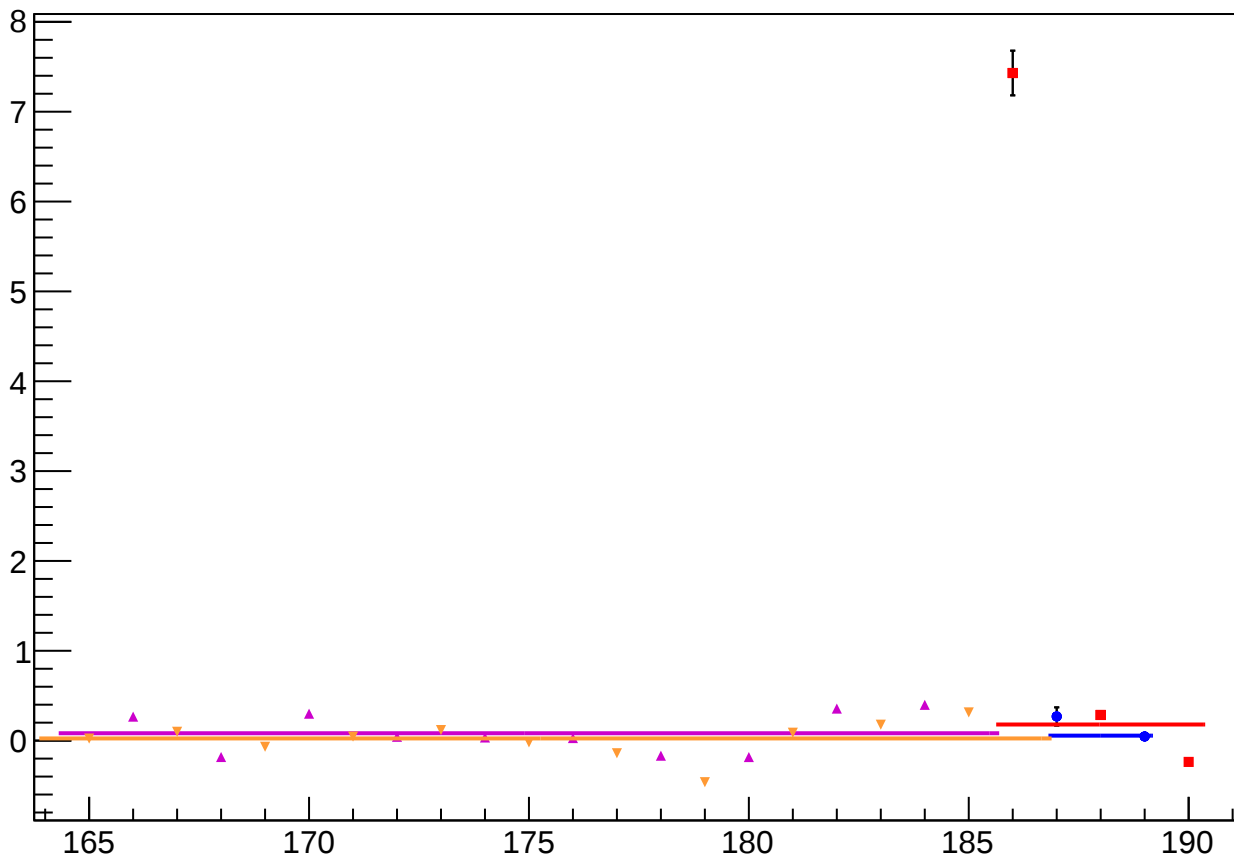
Right: 39.561+/-0.256 χ^2/NDF : 2560.3/8

In: 46.430+/-0.096 χ^2/NDF : 1549.8/13

Out: 47.226+/-0.092 χ^2/NDF : 2989.6/15

All: 46.848+/-0.066 χ^2/NDF : 4575.3/29

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.056+/-0.015 χ^2/NDF : 9.3/3

Left Out: 0.024+/-0.004 χ^2/NDF :1395.2/10

Right Out: 0.179+/-0.014 χ^2/NDF : 2003.7/4

Left In: 0.082+/-0.004 χ^2/NDF :2069.9/9

Left: 0.053+/-0.003 χ^2/NDF : 3556.0/20

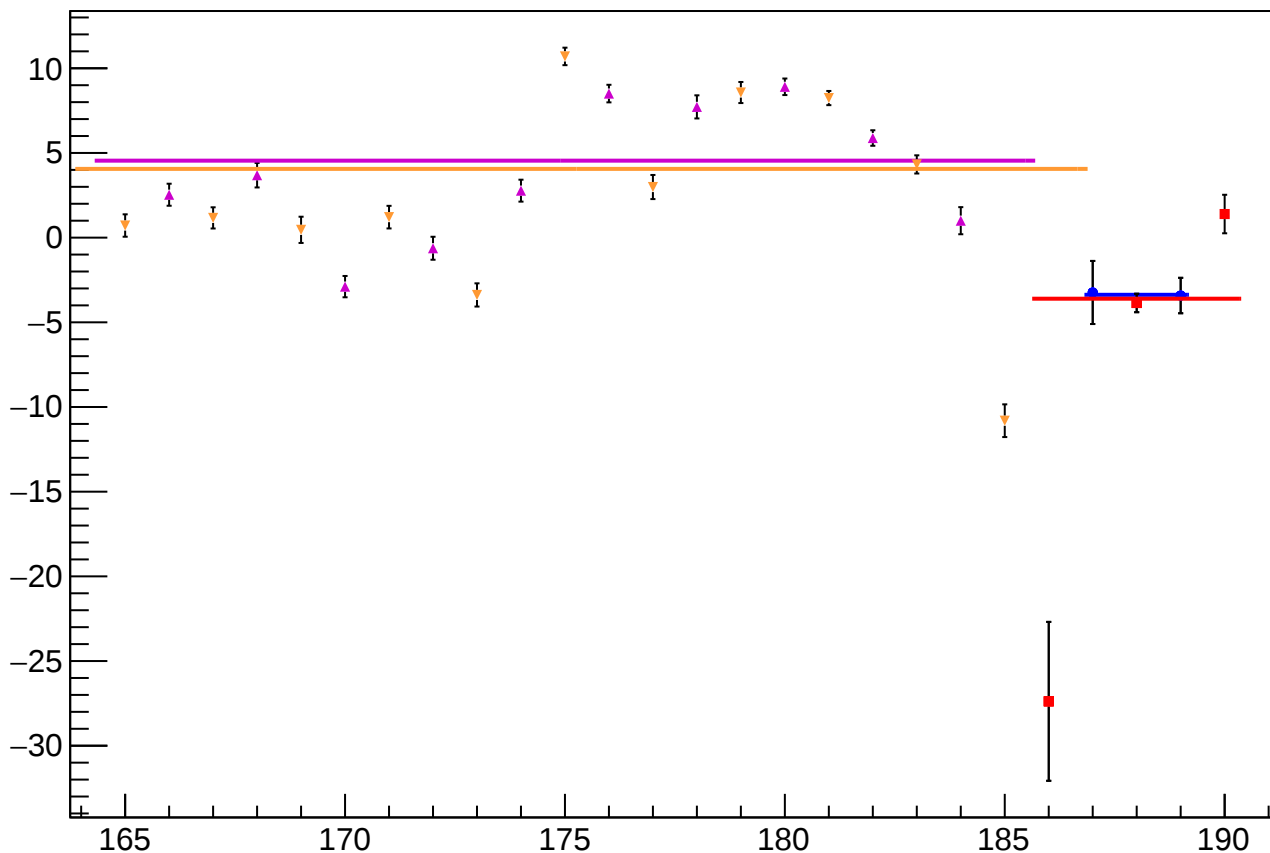
Right: 0.121+/-0.010 χ^2/NDF : 2051.0/8

In: 0.080+/-0.004 χ^2/NDF :2082.3/13

Out: 0.038+/-0.004 χ^2/NDF :3514.1/15

All: 0.058+/-0.003 χ^2/NDF : 5649.5/29

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 4.295 ± 0.132 χ^2/NDF : 1169.6/20

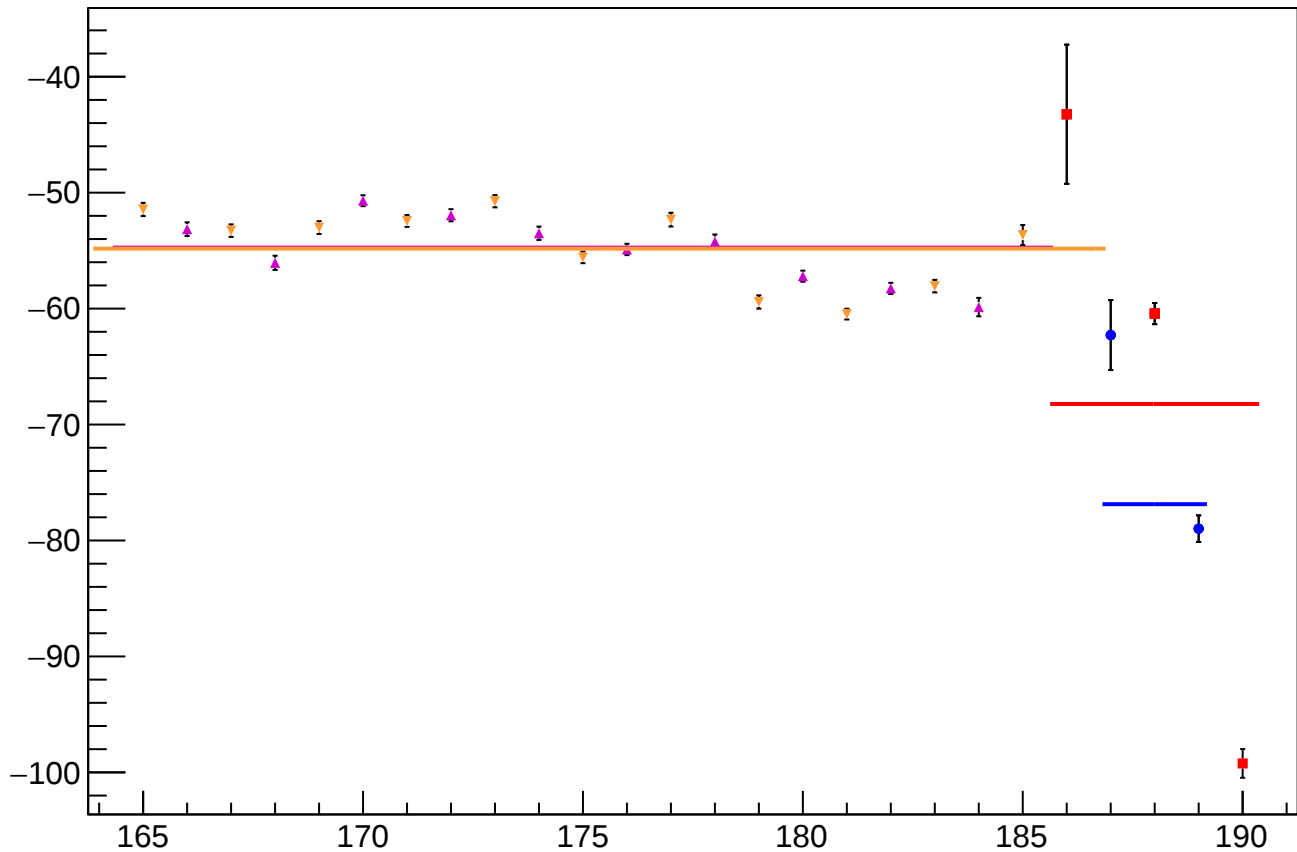
Right: -3.551 ± 0.316 χ^2/NDF : 71.2/8

In: 3.914 ± 0.182 χ^2/NDF : 543.2/13

Out: 2.485 ± 0.164 χ^2/NDF : 1188.3/15

All: 3.126 ± 0.122 χ^2/NDF : 1765.4/29

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -76.869 ± 0.759 $\chi^2/\text{NDF}: 53.5/3$

Left Out: -54.831 ± 0.166 $\chi^2/\text{NDF}: 405.1/10$

Right Out: -68.224 ± 0.566 $\chi^2/\text{NDF}: 807.1/4$

Left In: -54.739 ± 0.172 $\chi^2/\text{NDF}: 240.7/9$

Left: -54.786 ± 0.119 $\chi^2/\text{NDF}: 646.0/20$

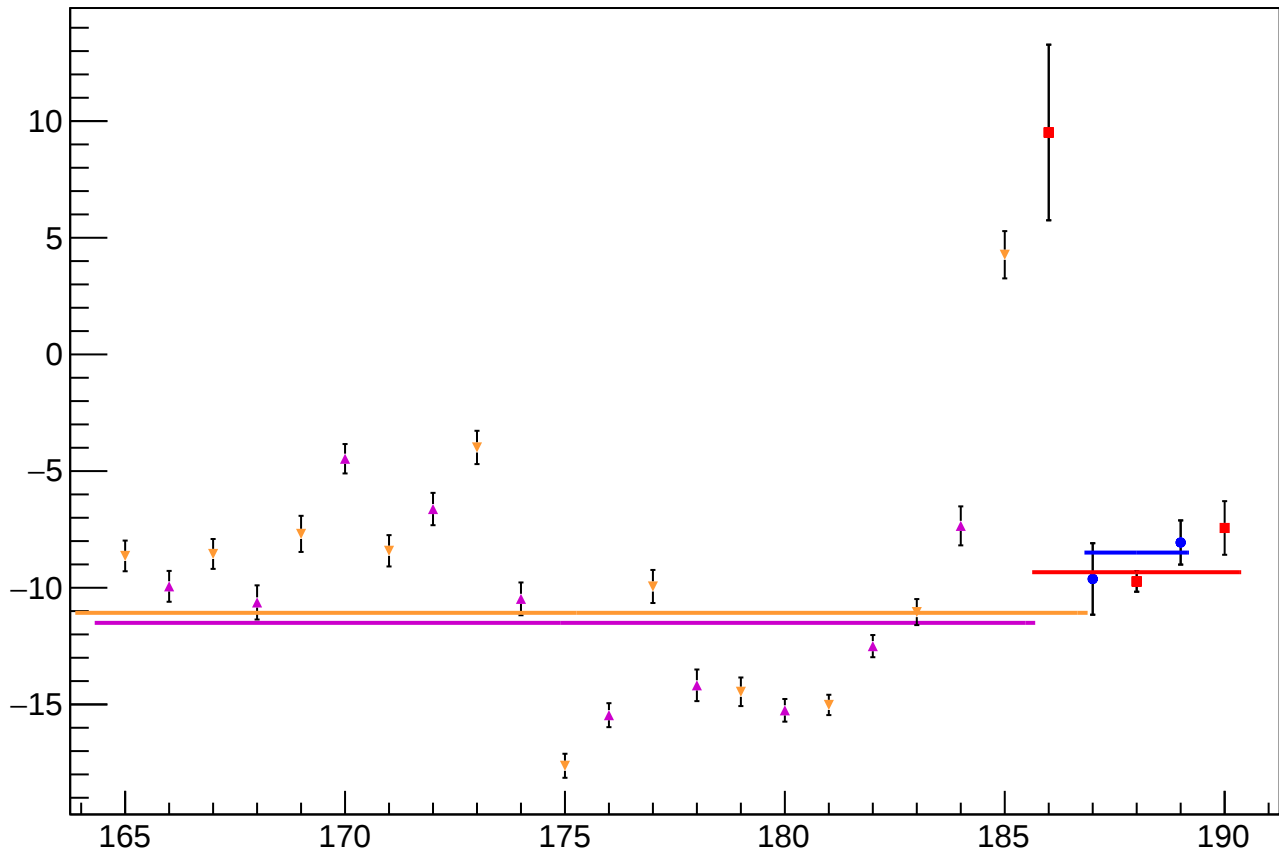
Right: -71.318 ± 0.454 $\chi^2/\text{NDF}: 944.0/8$

In: -55.823 ± 0.168 $\chi^2/\text{NDF}: 1103.5/13$

Out: -55.888 ± 0.159 $\chi^2/\text{NDF}: 1727.4/15$

All: -55.857 ± 0.115 $\chi^2/\text{NDF}: 2831.1/29$

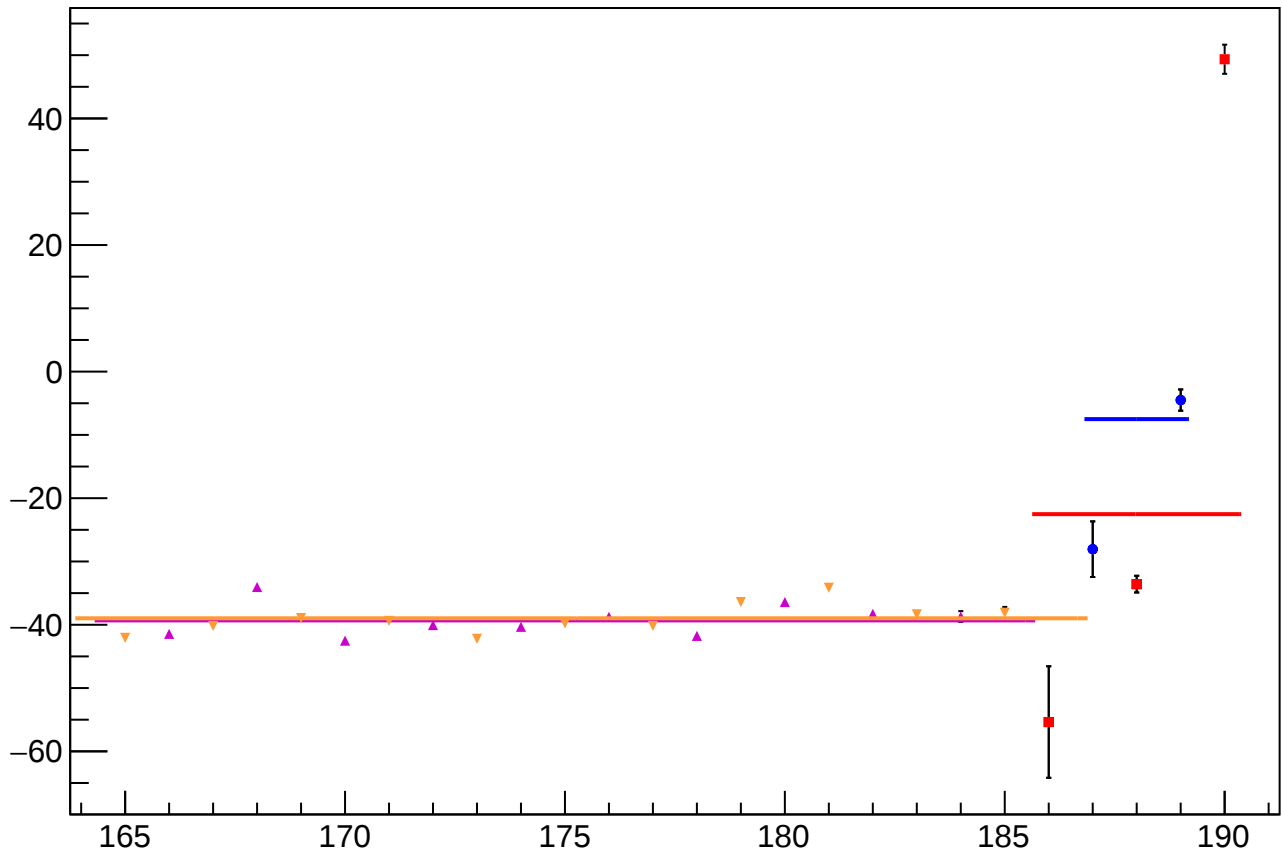
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.492 ± 0.569 $\chi^2/\text{NDF}: 1.5/3$
 Left Out: -11.074 ± 0.187 $\chi^2/\text{NDF}: 669.1/10$
 Right Out: -9.333 ± 0.298 $\chi^2/\text{NDF}: 54.5/4$
 Left In: -11.504 ± 0.193 $\chi^2/\text{NDF}: 347.0/9$

Left: -11.283 ± 0.134 $\chi^2/\text{NDF}: 1018.7/20$
 Right: -9.152 ± 0.264 $\chi^2/\text{NDF}: 57.7/8$
 In: -11.194 ± 0.183 $\chi^2/\text{NDF}: 373.6/13$
 Out: -10.582 ± 0.159 $\chi^2/\text{NDF}: 748.0/15$
 All: -10.845 ± 0.120 $\chi^2/\text{NDF}: 1128.0/29$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.507 ± 1.110 χ^2/NDF : 50.2/3

Left Out: -38.976 ± 0.179 χ^2/NDF : 183.0/10

Right Out: -22.524 ± 0.856 χ^2/NDF : 1142.9/4

Left In: -39.309 ± 0.185 χ^2/NDF : 162.1/9

Left: -39.137 ± 0.129 χ^2/NDF : 346.8/20

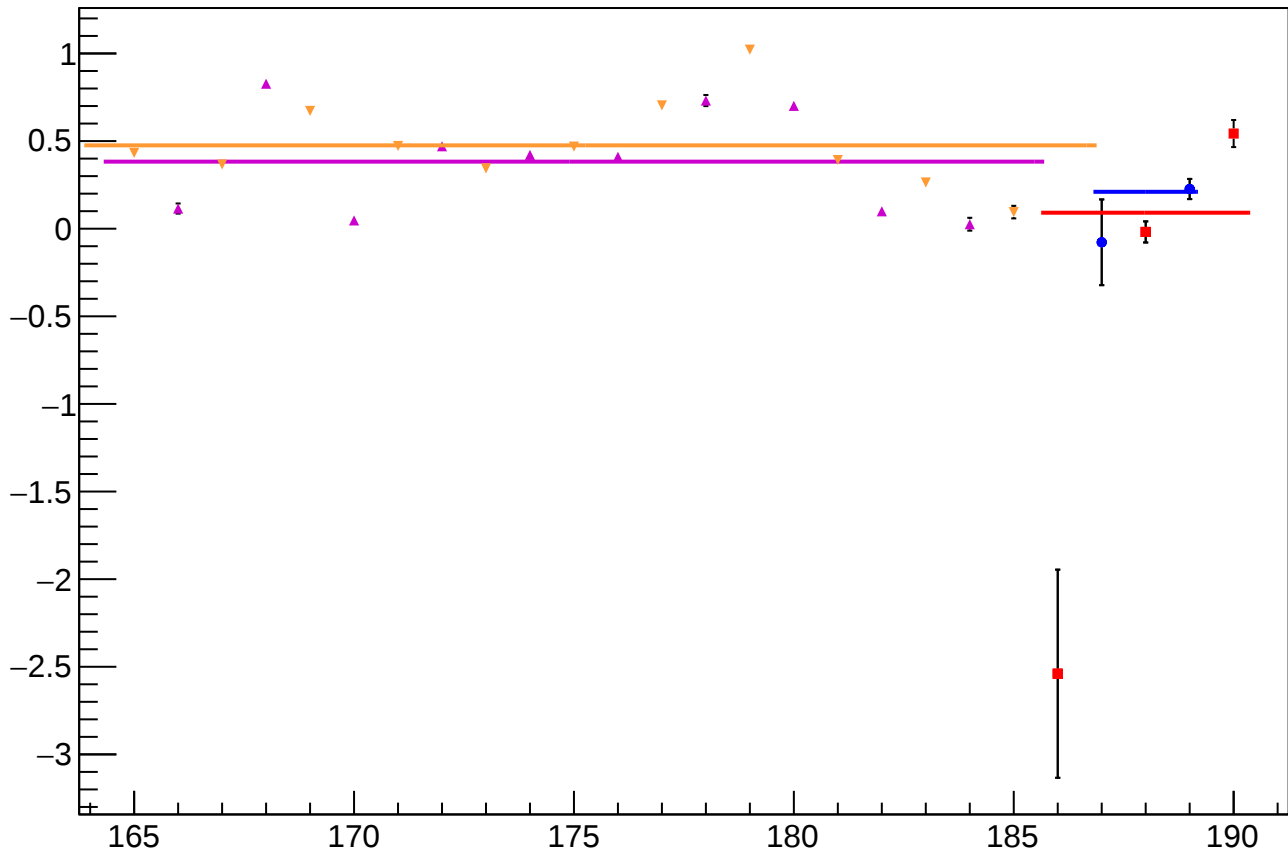
Right: -16.924 ± 0.678 χ^2/NDF : 1307.8/8

In: -38.446 ± 0.183 χ^2/NDF : 1010.5/13

Out: -38.288 ± 0.175 χ^2/NDF : 1679.8/15

All: -38.364 ± 0.126 χ^2/NDF : 2690.7/29

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.211 ± 0.040 χ^2/NDF : 2.9/3

Left Out: 0.476 ± 0.008 χ^2/NDF : 727.9/10

Right Out: 0.091 ± 0.037 χ^2/NDF : 80.0/4

Left In: 0.383 ± 0.008 χ^2/NDF : 1116.2/9

Left: 0.430 ± 0.006 χ^2/NDF : 1910.6/20

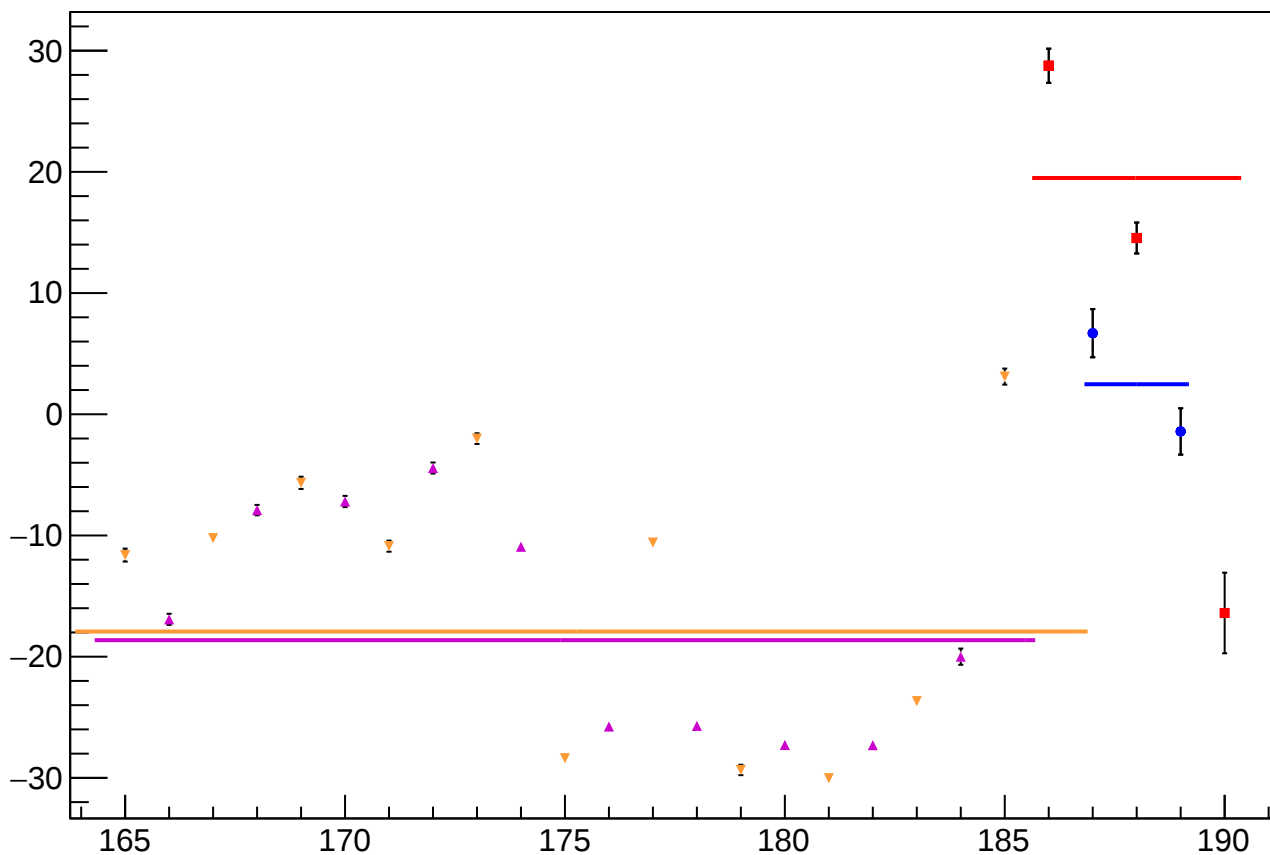
Right: 0.147 ± 0.027 χ^2/NDF : 87.7/8

In: 0.376 ± 0.008 χ^2/NDF : 1137.2/13

Out: 0.459 ± 0.008 χ^2/NDF : 910.2/15

All: 0.418 ± 0.006 χ^2/NDF : 2102.9/29

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -18.271 +/- 0.090 χ^2/NDF : 12062.2/20

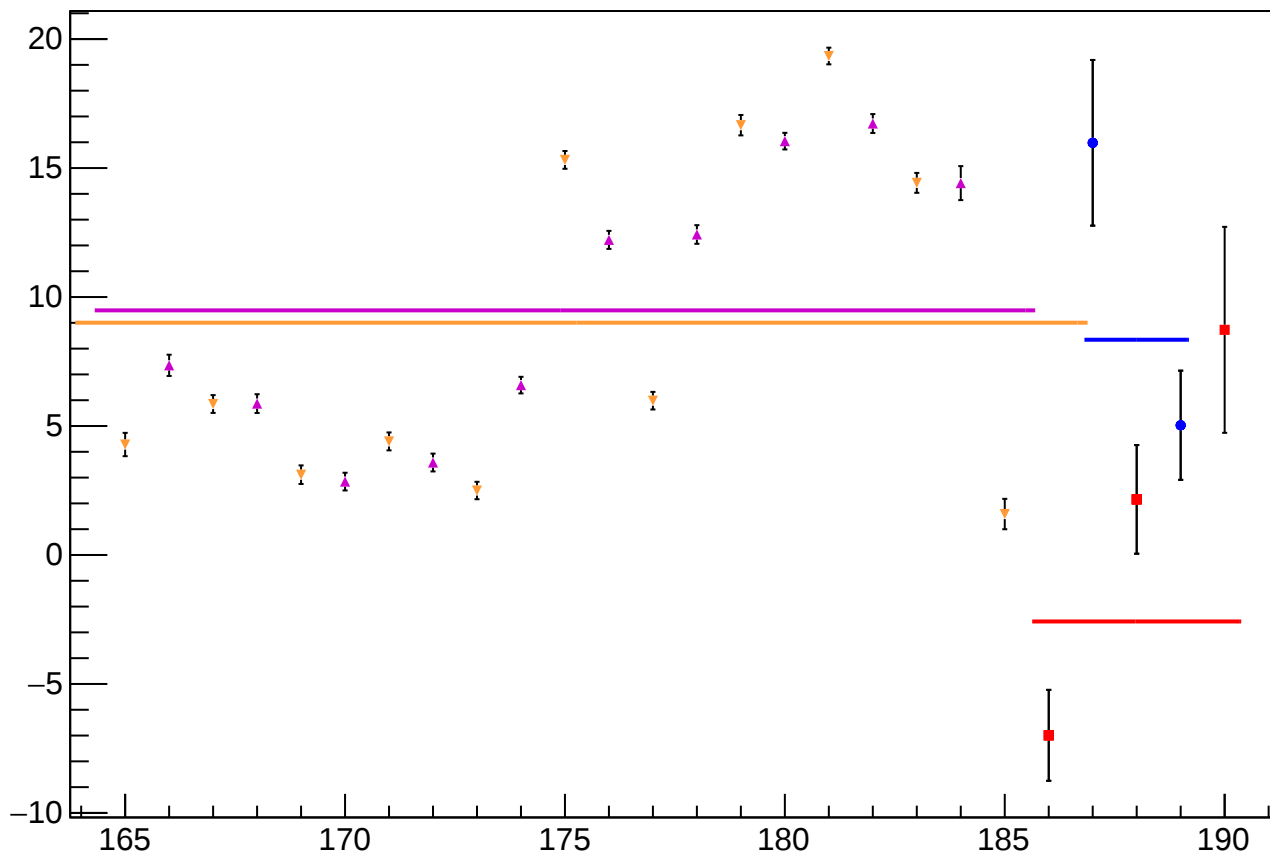
Right: 14.187 +/- 0.544 χ^2/NDF : 460.2/8

In: -18.272 +/- 0.128 χ^2/NDF : 5115.7/13

Out: -16.590 +/- 0.124 χ^2/NDF : 10781.7/15

All: -17.402 +/- 0.089 χ^2/NDF : 15986.5/29

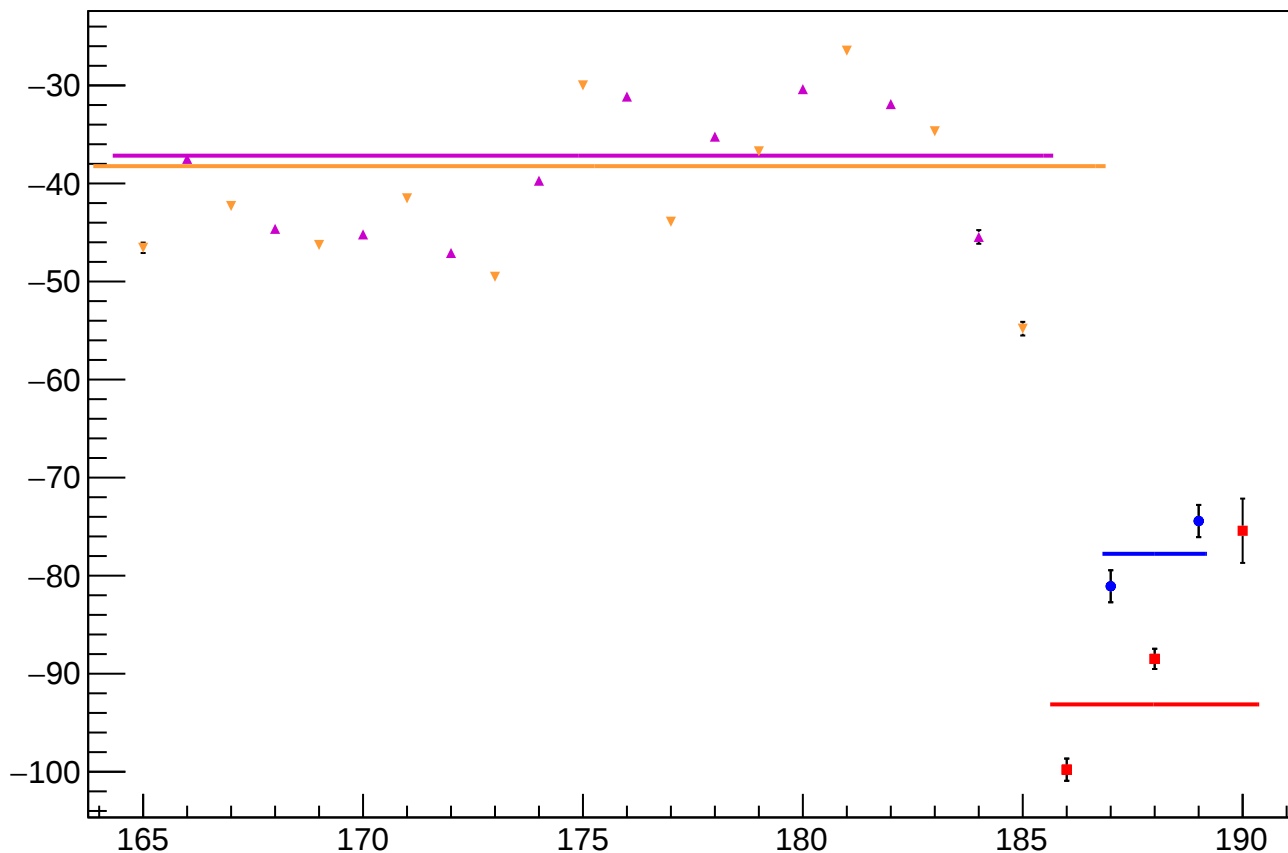
reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.344 ± 1.250 $\chi^2/\text{NDF}: 16.2/3$
 Left Out: 9.005 ± 0.111 $\chi^2/\text{NDF}: 3173.0/10$
 Right Out: -2.577 ± 0.929 $\chi^2/\text{NDF}: 30.7/4$
 Left In: 9.484 ± 0.115 $\chi^2/\text{NDF}: 1861.5/9$

Left: 9.236 ± 0.080 $\chi^2/\text{NDF}: 5043.4/20$
 Right: 1.313 ± 0.746 $\chi^2/\text{NDF}: 96.1/8$
 In: 9.474 ± 0.115 $\chi^2/\text{NDF}: 1878.5/13$
 Out: 8.841 ± 0.111 $\chi^2/\text{NDF}: 3356.8/15$
 All: 9.146 ± 0.080 $\chi^2/\text{NDF}: 5251.0/29$

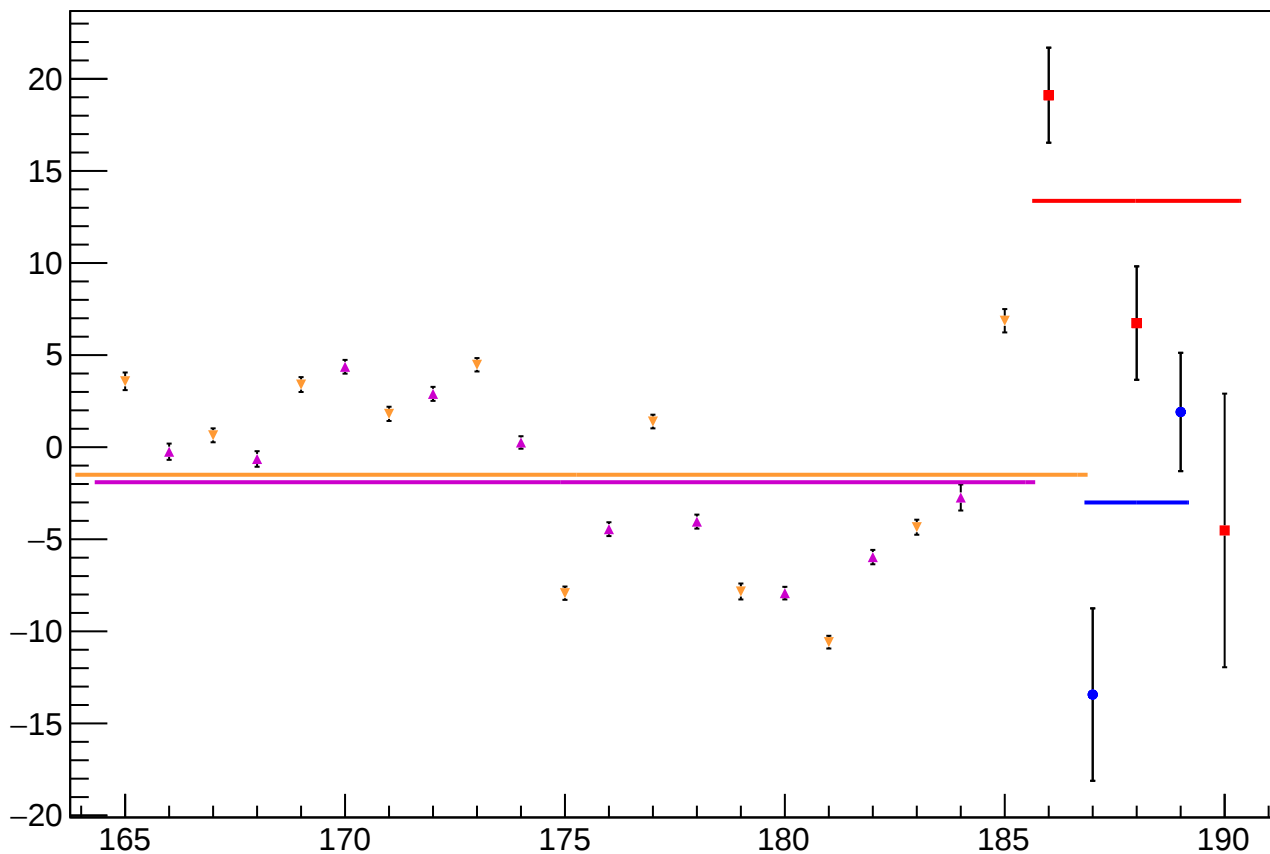
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 2148.2/9$

Left: -37.713 ± 0.092 $\chi^2/\text{NDF}: 6281.2/20$
 Right: -88.571 ± 0.446 $\chi^2/\text{NDF}: 403.0/8$
 In: -38.186 ± 0.130 $\chi^2/\text{NDF}: 4563.8/13$
 Out: -41.248 ± 0.125 $\chi^2/\text{NDF}: 14307.0/15$
 All: -39.781 ± 0.090 $\chi^2/\text{NDF}: 19160.2/29$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: -1.693 ± 0.087 χ^2/NDF : 3142.2/20

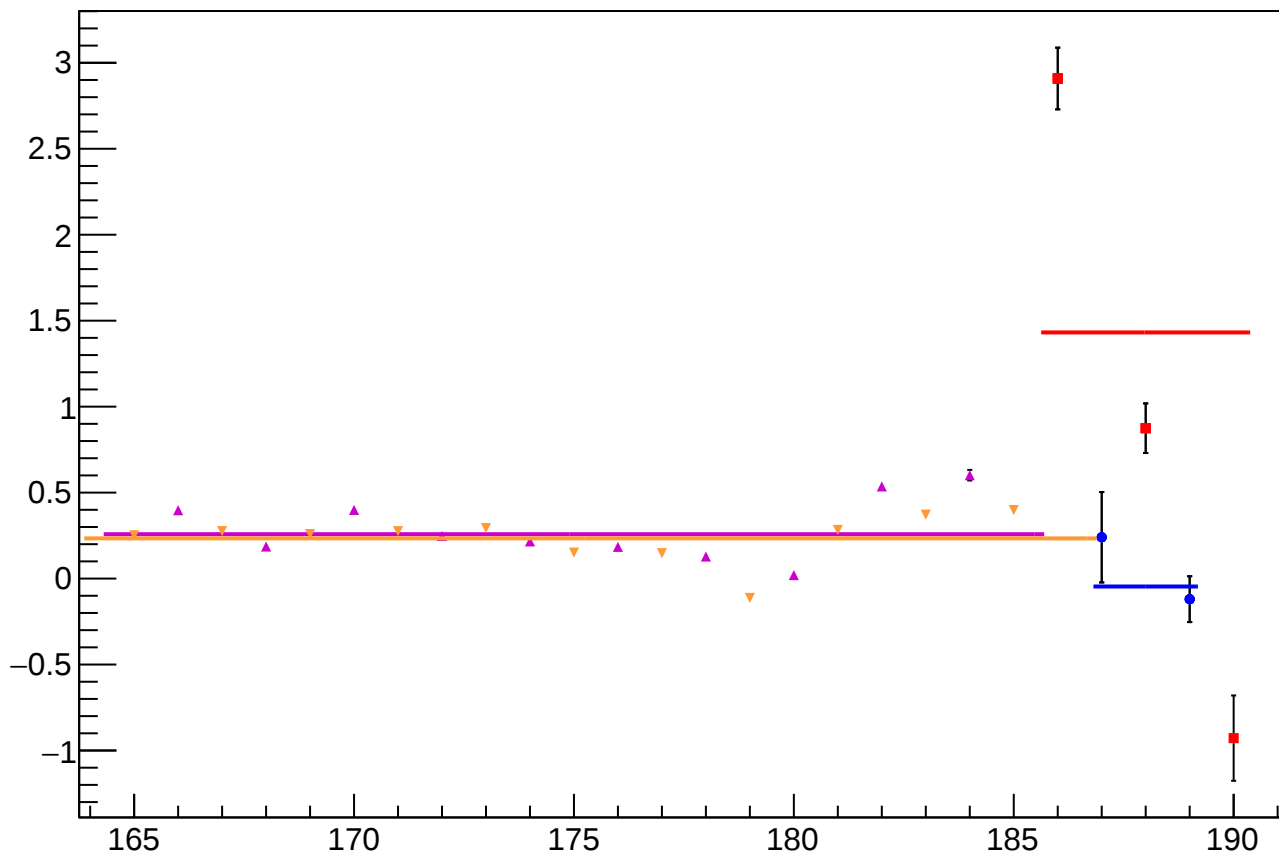
Right: 7.644 ± 1.108 χ^2/NDF : 89.3/8

In: -1.908 ± 0.124 χ^2/NDF : 1015.1/13

Out: -1.383 ± 0.120 χ^2/NDF : 2277.7/15

All: -1.637 ± 0.086 χ^2/NDF : 3302.0/29

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.246 ± 0.004 χ^2/NDF : 1309.5/20

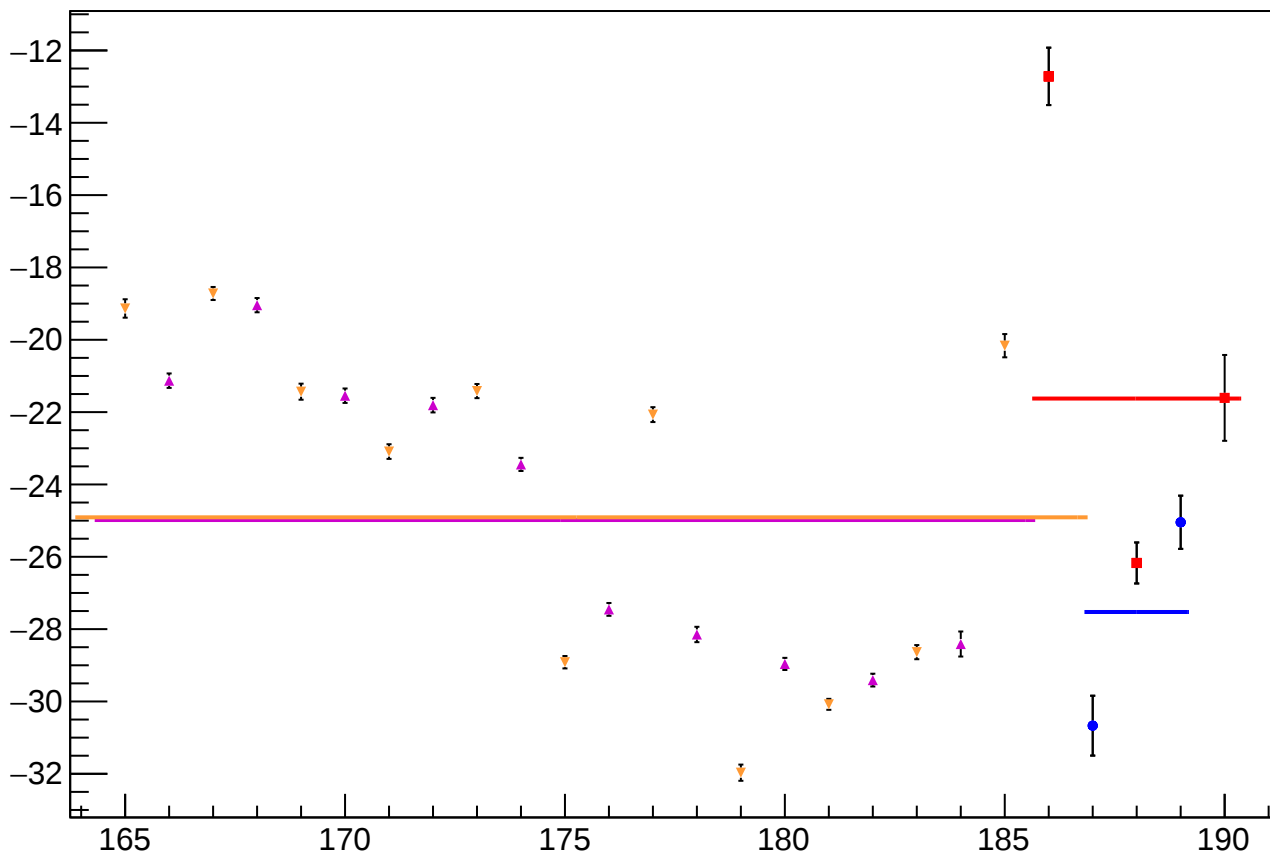
Right: 0.770 ± 0.056 χ^2/NDF : 429.4/8

In: 0.257 ± 0.006 χ^2/NDF : 814.7/13

Out: 0.240 ± 0.005 χ^2/NDF : 1005.6/15

All: 0.248 ± 0.004 χ^2/NDF : 1825.3/29

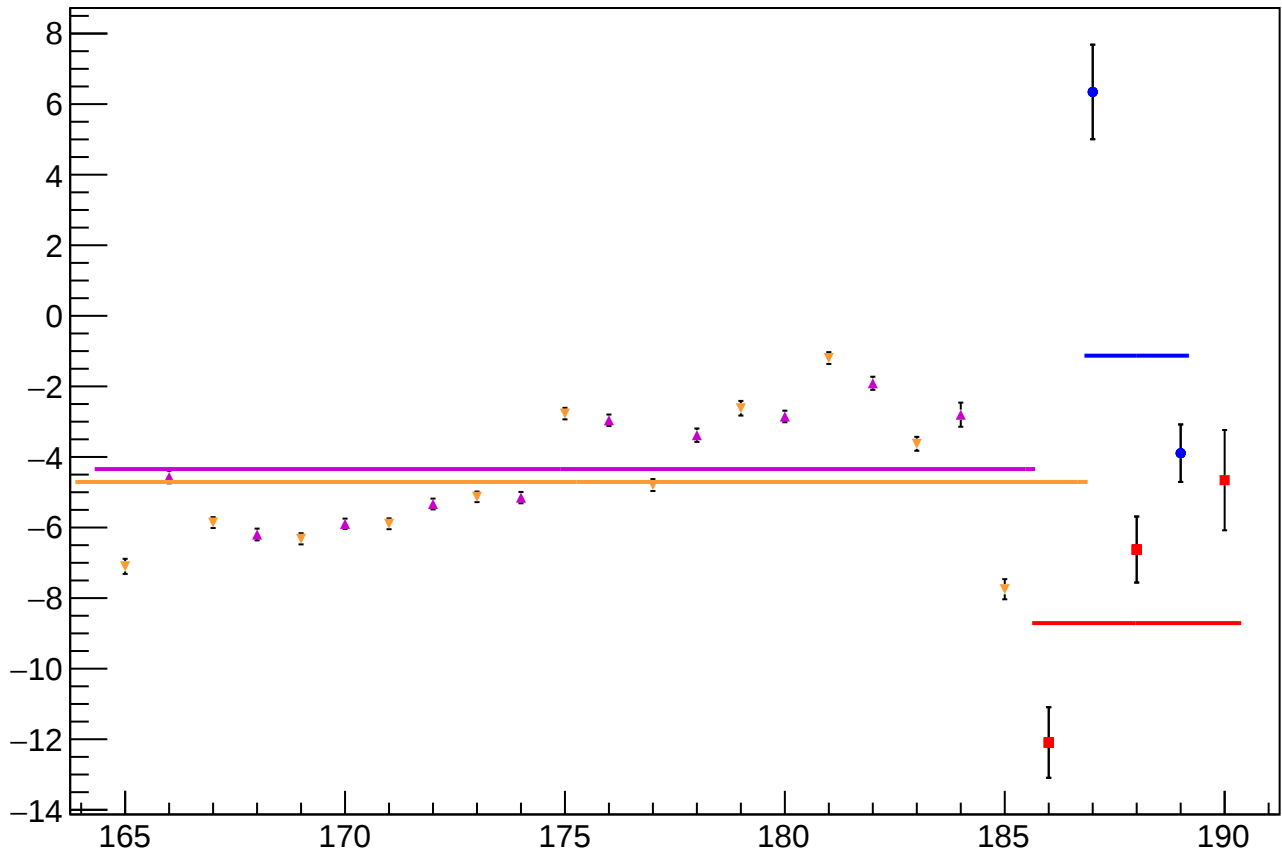
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.526 $\pm$ 0.389 χ^2 /NDF: 51.6/3
 Left Out: -24.909 $\pm$ 0.060 χ^2 /NDF: 5800.1/10
 Right Out: -21.625 $\pm$ 0.315 χ^2 /NDF: 380.5/4
 Left In: -24.983 $\pm$ 0.062 χ^2 /NDF: 3594.7/9

Left: -24.945 $\pm$ 0.043 χ^2 /NDF: 9395.5/20
 Right: -23.960 $\pm$ 0.245 χ^2 /NDF: 571.4/8
 In: -25.046 $\pm$ 0.061 χ^2 /NDF: 3688.0/13
 Out: -24.792 $\pm$ 0.059 χ^2 /NDF: 6285.8/15
 All: -24.915 $\pm$ 0.043 χ^2 /NDF: 9982.7/29

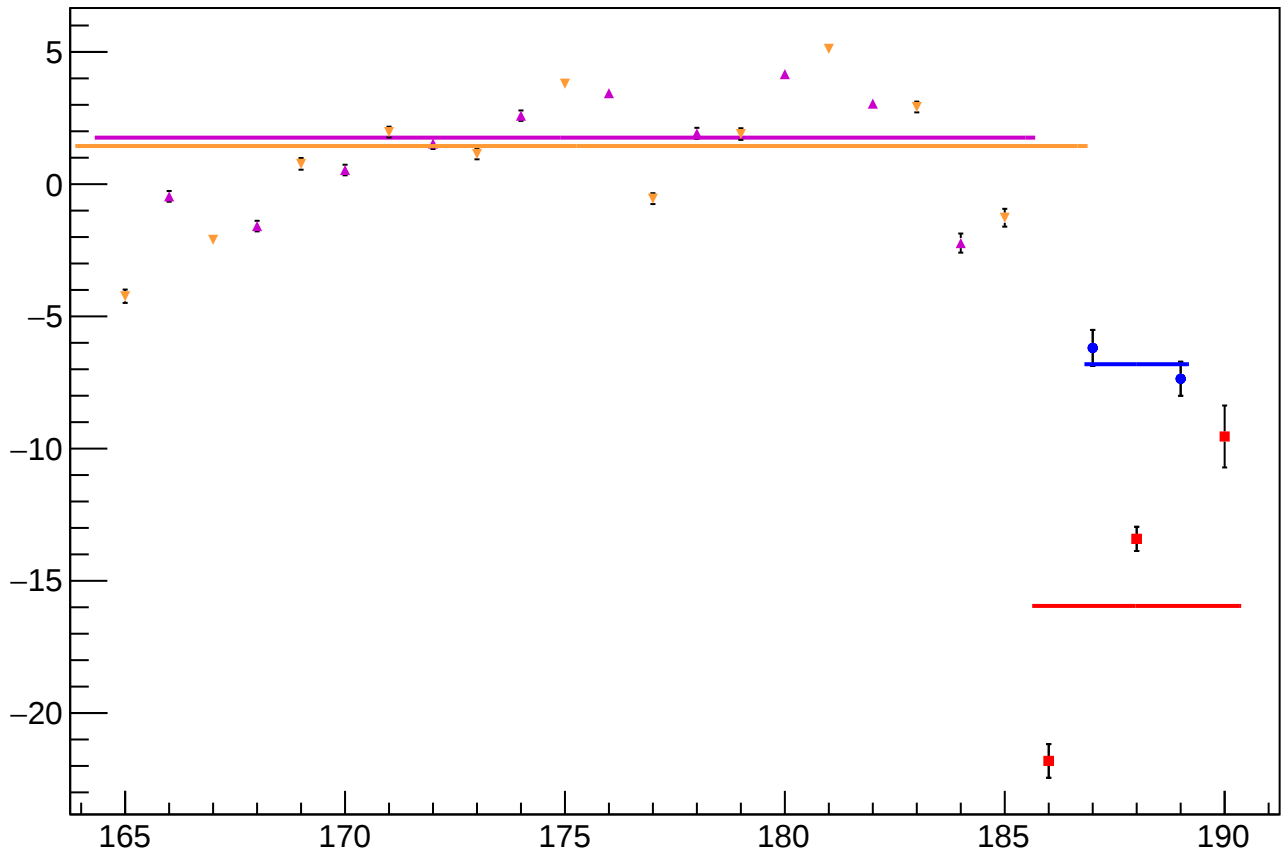
reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.129 ± 0.492 $\chi^2/\text{NDF}: 85.2/3$
 Left Out: -4.708 ± 0.053 $\chi^2/\text{NDF}: 1176.8/10$
 Right Out: -8.709 ± 0.457 $\chi^2/\text{NDF}: 41.0/4$
 Left In: -4.343 ± 0.055 $\chi^2/\text{NDF}: 673.3/9$

Left: -4.532 ± 0.038 $\chi^2/\text{NDF}: 1873.0/20$
 Right: -5.196 ± 0.335 $\chi^2/\text{NDF}: 253.4/8$
 In: -4.304 ± 0.054 $\chi^2/\text{NDF}: 800.6/13$
 Out: -4.760 ± 0.052 $\chi^2/\text{NDF}: 1293.2/15$
 All: -4.541 ± 0.038 $\chi^2/\text{NDF}: 2130.3/29$

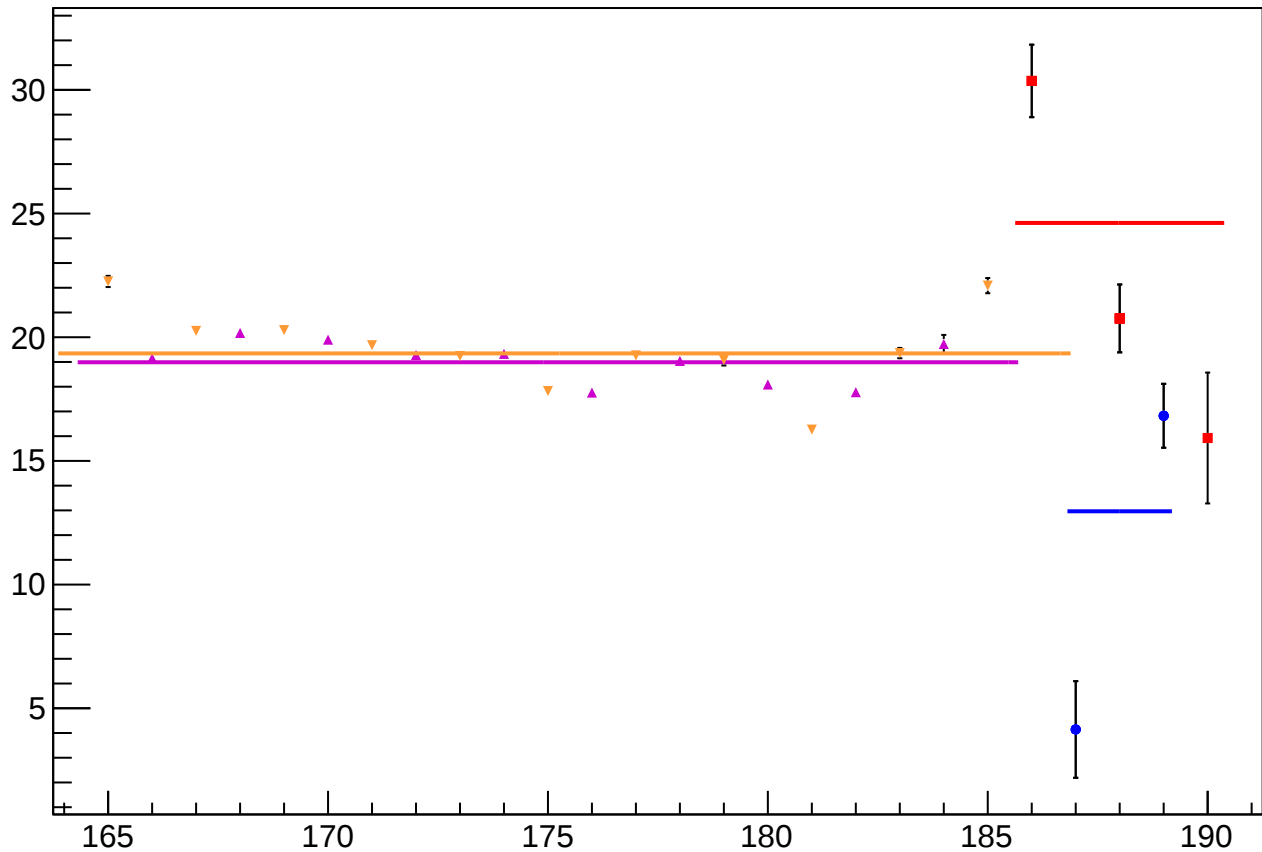
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 1.597 ± 0.044 χ^2/NDF : 2773.5/20
 Right: -12.515 ± 0.203 χ^2/NDF : 741.2/8
 In: 1.458 ± 0.062 χ^2/NDF : 1576.2/13
 Out: 0.496 ± 0.060 χ^2/NDF : 6446.8/15
 All: 0.960 ± 0.043 χ^2/NDF : 8147.9/29

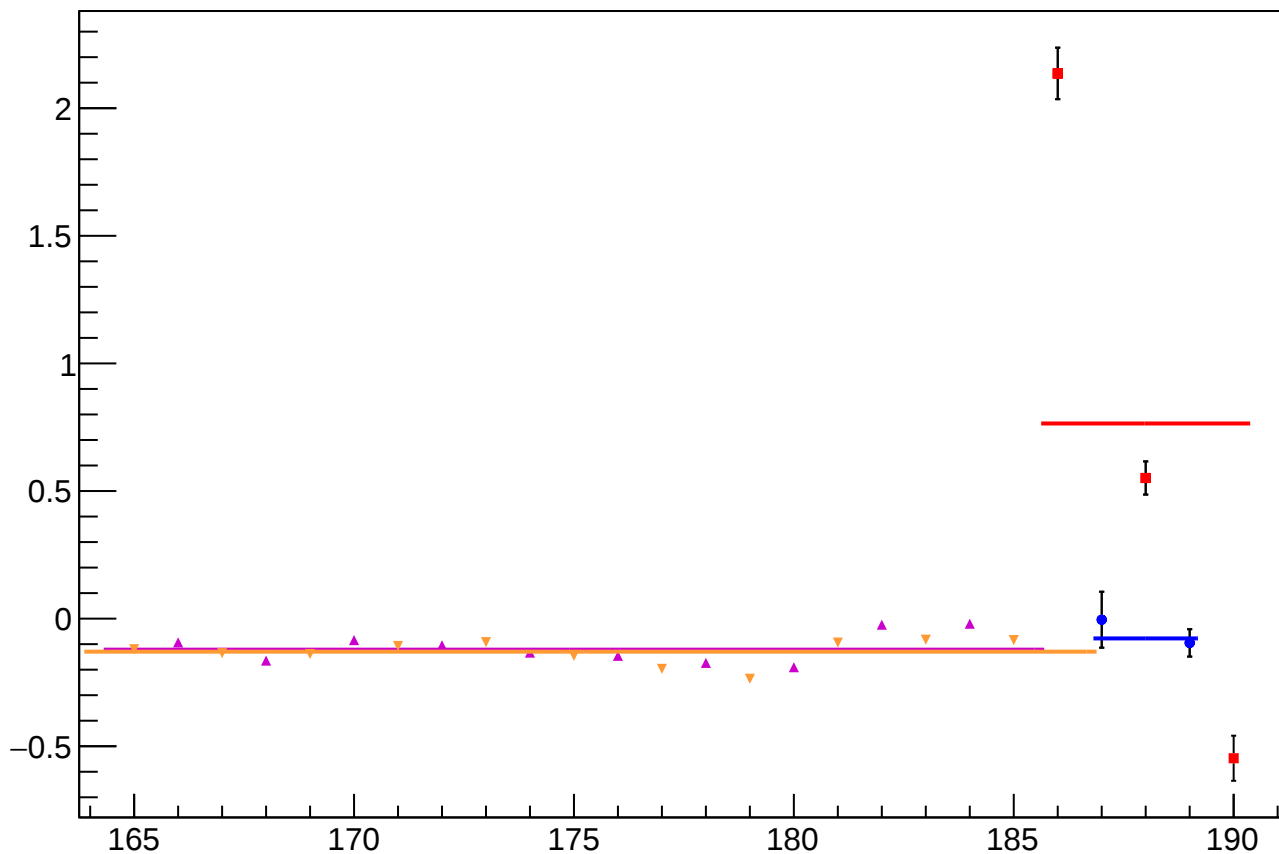
reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 19.174 $\pm$ 0.041 χ^2 /NDF: 894.4/20
 Right: 19.419 $\pm$ 0.509 χ^2 /NDF: 245.5/8
 In: 18.952 $\pm$ 0.059 χ^2 /NDF: 314.9/13
 Out: 19.383 $\pm$ 0.057 χ^2 /NDF: 797.6/15
 All: 19.175 $\pm$ 0.041 χ^2 /NDF: 1140.1/29

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.078 ± 0.034 χ^2/NDF : 1.1/3

Left Out: -0.129 ± 0.003 χ^2/NDF : 282.1/10

Right Out: 0.765 ± 0.035 χ^2/NDF : 611.2/4

Left In: -0.122 ± 0.003 χ^2/NDF : 343.3/9

Left: -0.126 ± 0.002 χ^2/NDF : 630.0/20

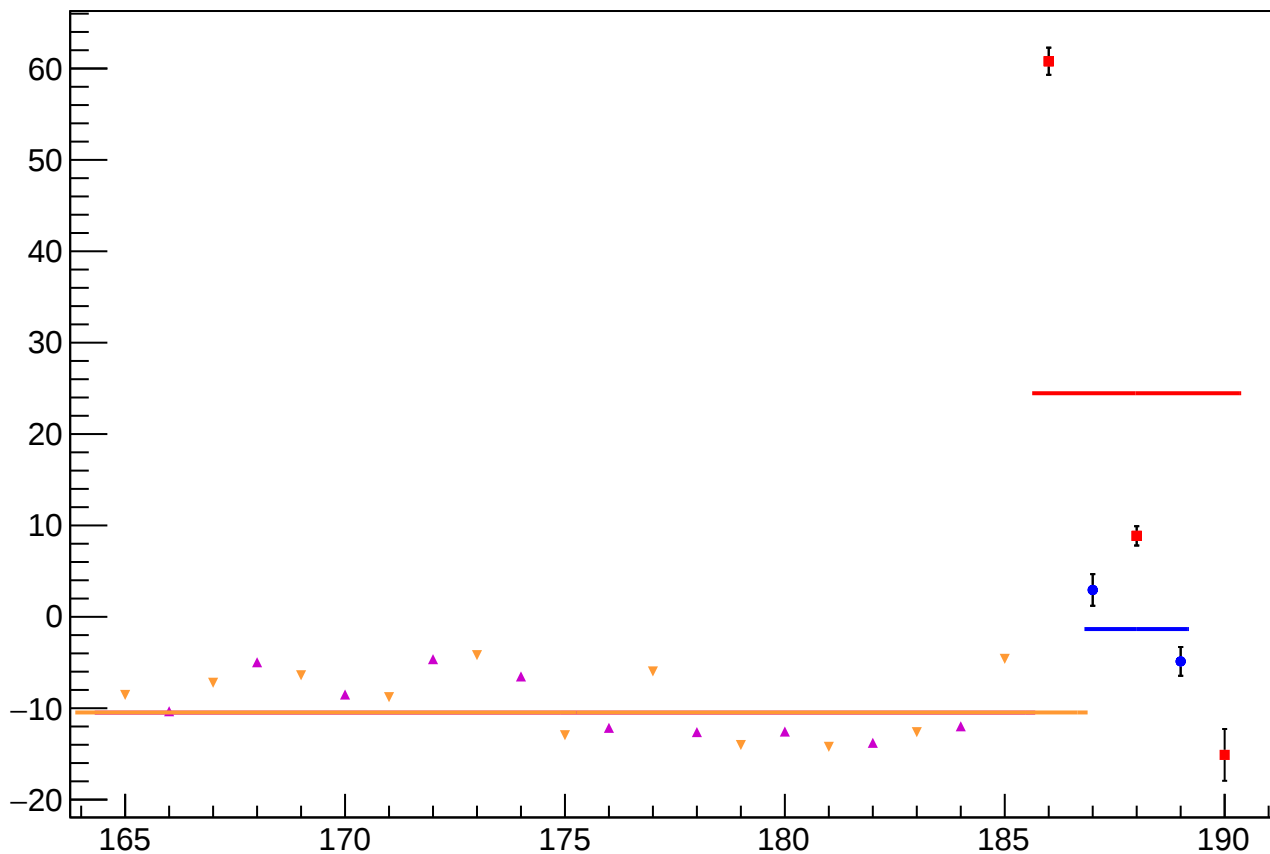
Right: 0.327 ± 0.025 χ^2/NDF : 906.1/8

In: -0.121 ± 0.003 χ^2/NDF : 346.1/13

Out: -0.125 ± 0.003 χ^2/NDF : 1527.8/15

All: -0.123 ± 0.002 χ^2/NDF : 1874.8/29

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -10.473 ± 0.073 χ^2/NDF : 2234.9/20

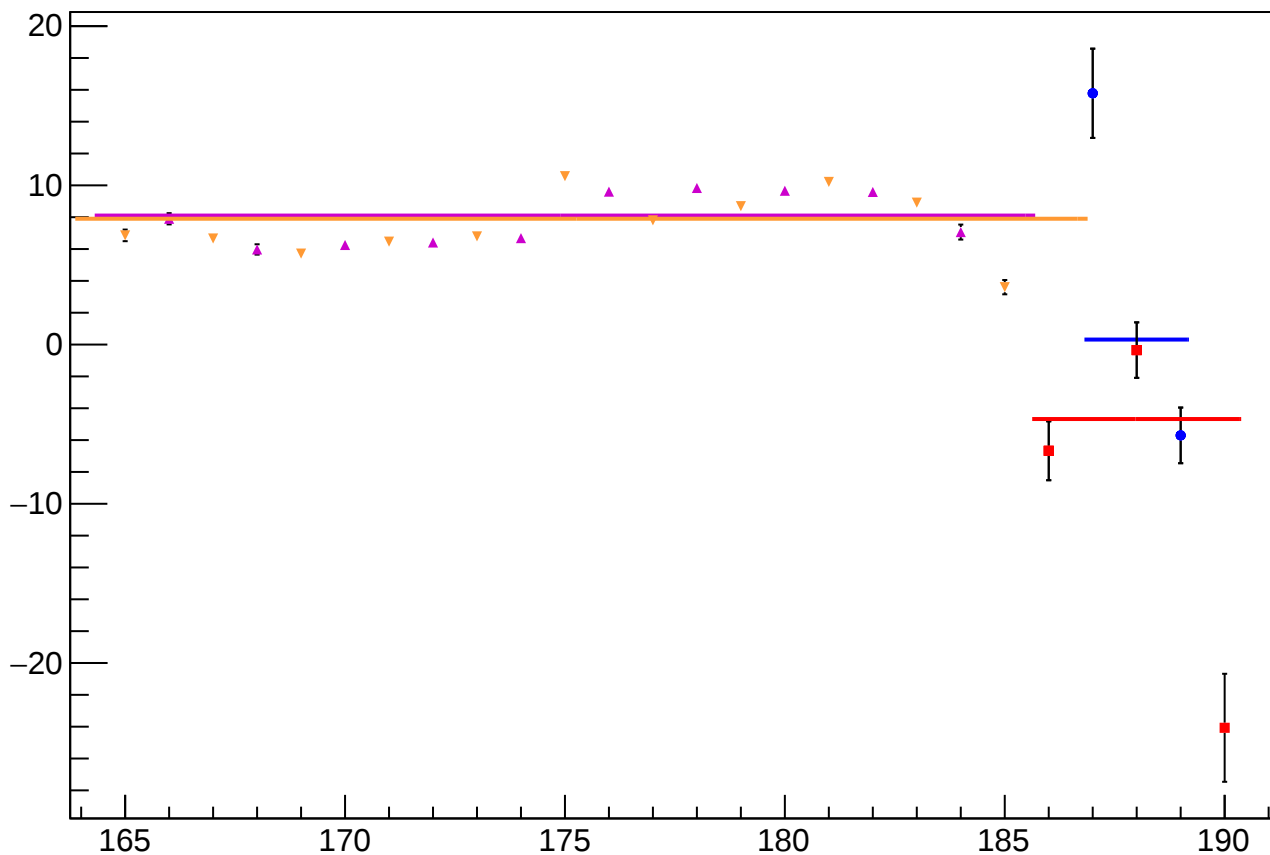
Right: 15.617 ± 0.483 χ^2/NDF : 2491.8/8

In: -10.337 ± 0.104 χ^2/NDF : 1067.7/13

Out: -9.482 ± 0.100 χ^2/NDF : 6480.8/15

All: -9.894 ± 0.072 χ^2/NDF : 7583.8/29

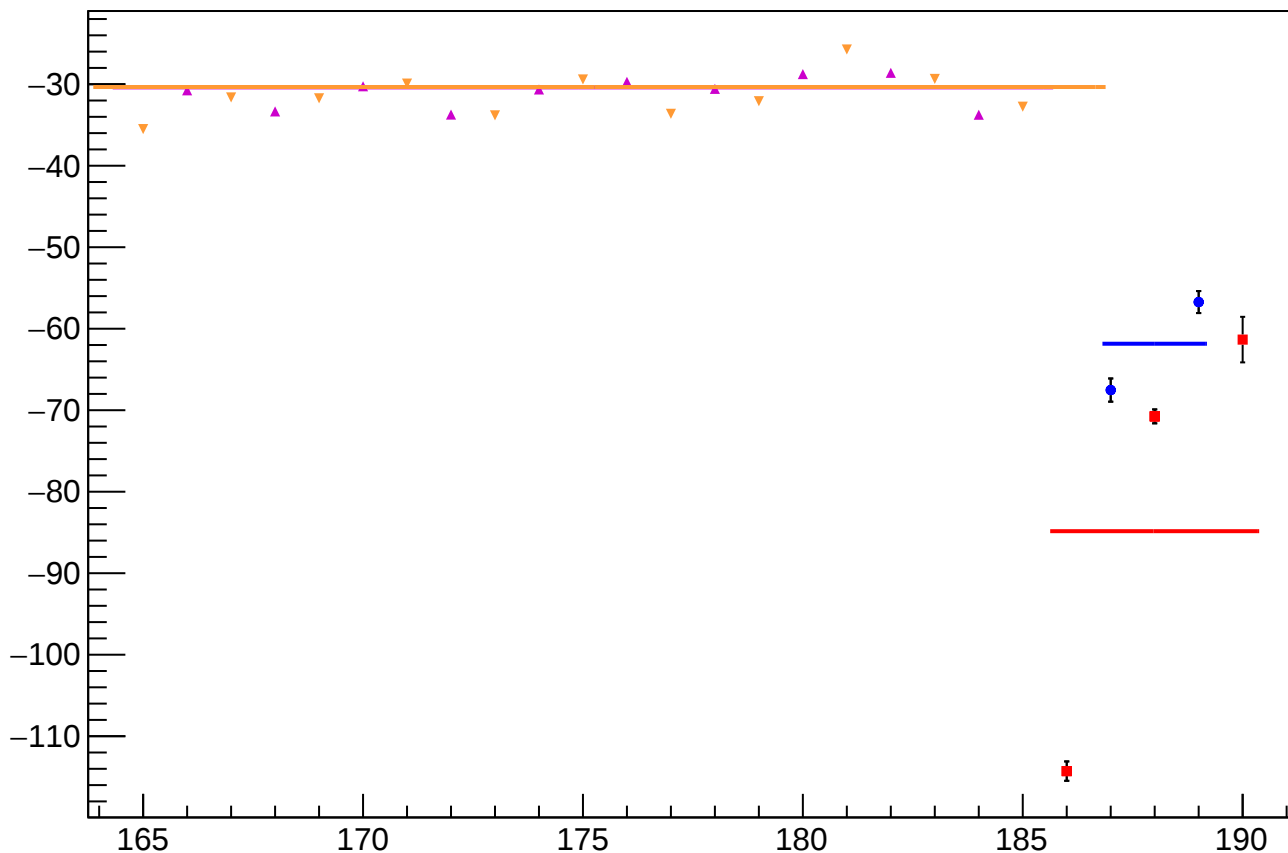
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.315 $\pm$ 1.049 χ^2 /NDF: 84.6/3
 Left Out: 7.903 $\pm$ 0.091 χ^2 /NDF: 406.4/10
 Right Out: -4.677 $\pm$ 0.867 χ^2 /NDF: 47.3/4
 Left In: 8.102 $\pm$ 0.094 χ^2 /NDF: 281.1/9

Left: 7.999 $\pm$ 0.065 χ^2 /NDF: 689.8/20
 Right: -2.650 $\pm$ 0.668 χ^2 /NDF: 145.4/8
 In: 8.040 $\pm$ 0.094 χ^2 /NDF: 420.4/13
 Out: 7.766 $\pm$ 0.090 χ^2 /NDF: 661.9/15
 All: 7.898 $\pm$ 0.065 χ^2 /NDF: 1086.7/29

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

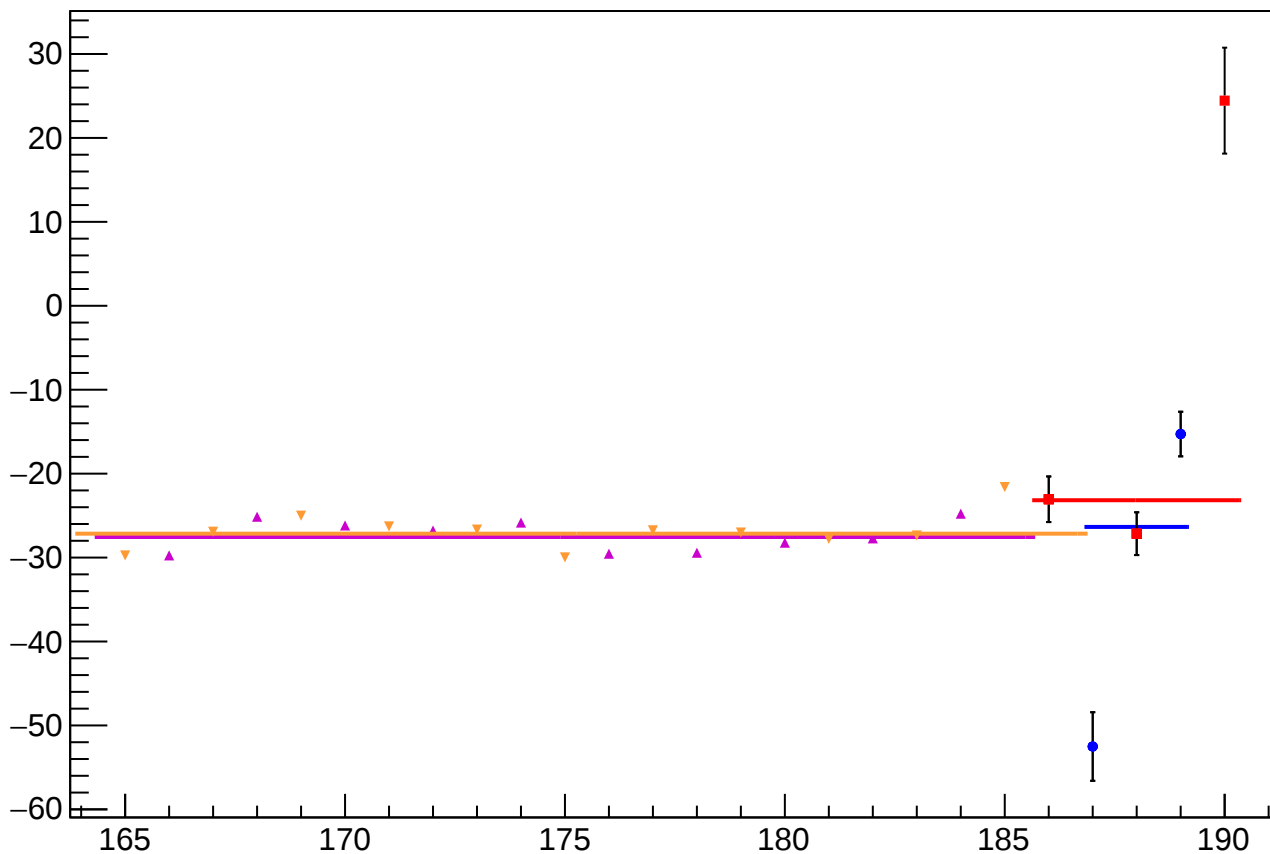


Right In: -61.842 ± 0.693 $\chi^2/\text{NDF}: 60.6/3$
 Left Out: -30.343 ± 0.103 $\chi^2/\text{NDF}: 823.9/10$
 Right Out: -84.843 ± 0.483 $\chi^2/\text{NDF}: 1844.1/4$
 Left In: -30.388 ± 0.106 $\chi^2/\text{NDF}: 265.2/9$

Left: -30.365 ± 0.074 $\chi^2/\text{NDF}: 1089.2/20$
 Right: -77.325 ± 0.396 $\chi^2/\text{NDF}: 2646.9/8$
 In: -31.113 ± 0.105 $\chi^2/\text{NDF}: 2340.4/13$
 Out: -32.722 ± 0.101 $\chi^2/\text{NDF}: 14861.0/15$

All: -31.951 ± 0.073 $\chi^2/\text{NDF}: 17323.5/29$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.348 $\pm$ 1.575 χ^2 /NDF: 116.7/3

Left Out: -27.152 $\pm$ 0.098 χ^2 /NDF: 321.6/10

Right Out: -23.168 $\pm$ 1.287 χ^2 /NDF: 61.8/4

Left In: -27.546 $\pm$ 0.102 χ^2 /NDF: 249.1/9

Left: -27.342 $\pm$ 0.071 χ^2 /NDF: 578.4/20

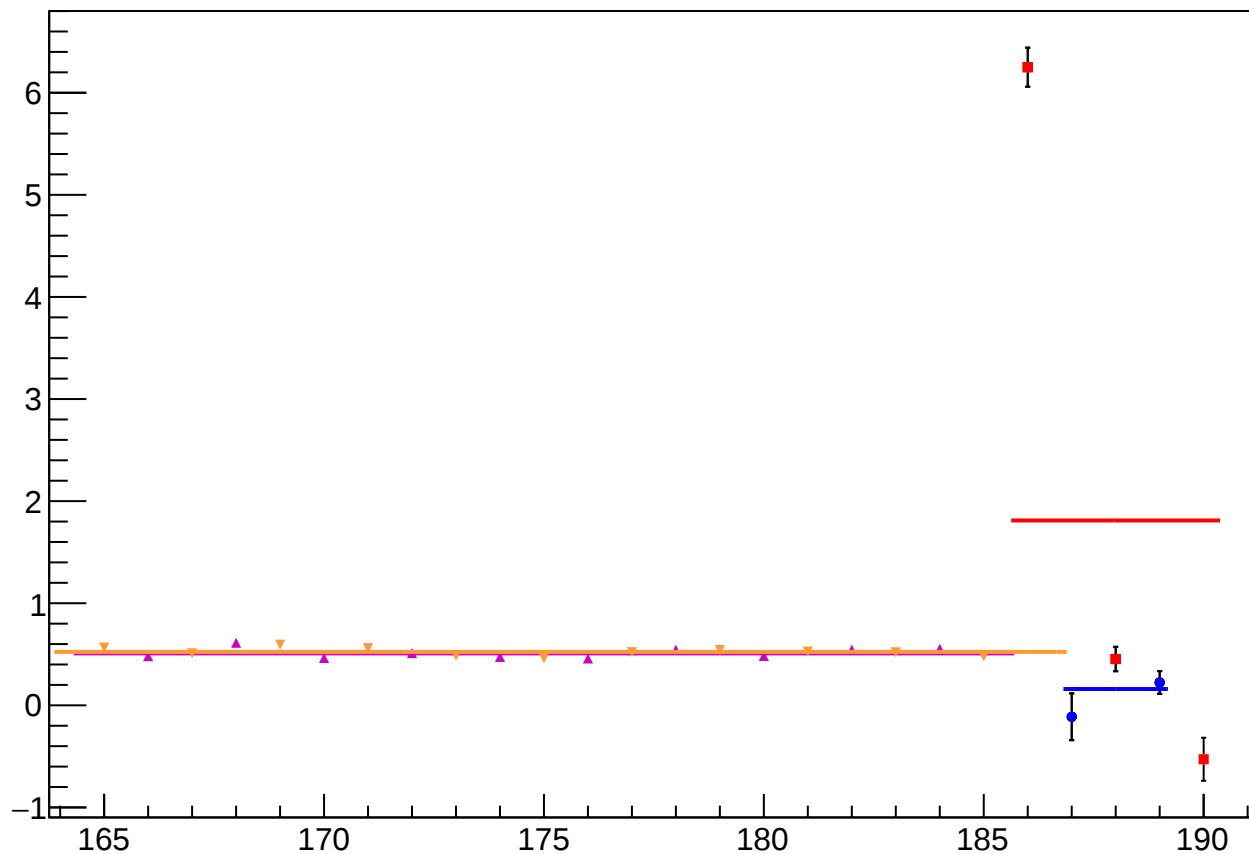
Right: -24.441 $\pm$ 0.997 χ^2 /NDF: 180.9/8

In: -27.541 $\pm$ 0.102 χ^2 /NDF: 366.4/13

Out: -27.129 $\pm$ 0.098 χ^2 /NDF: 392.9/15

All: -27.327 $\pm$ 0.071 χ^2 /NDF: 767.8/29

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.516 $\pm$ 0.003 χ^2 /NDF: 173.7/20

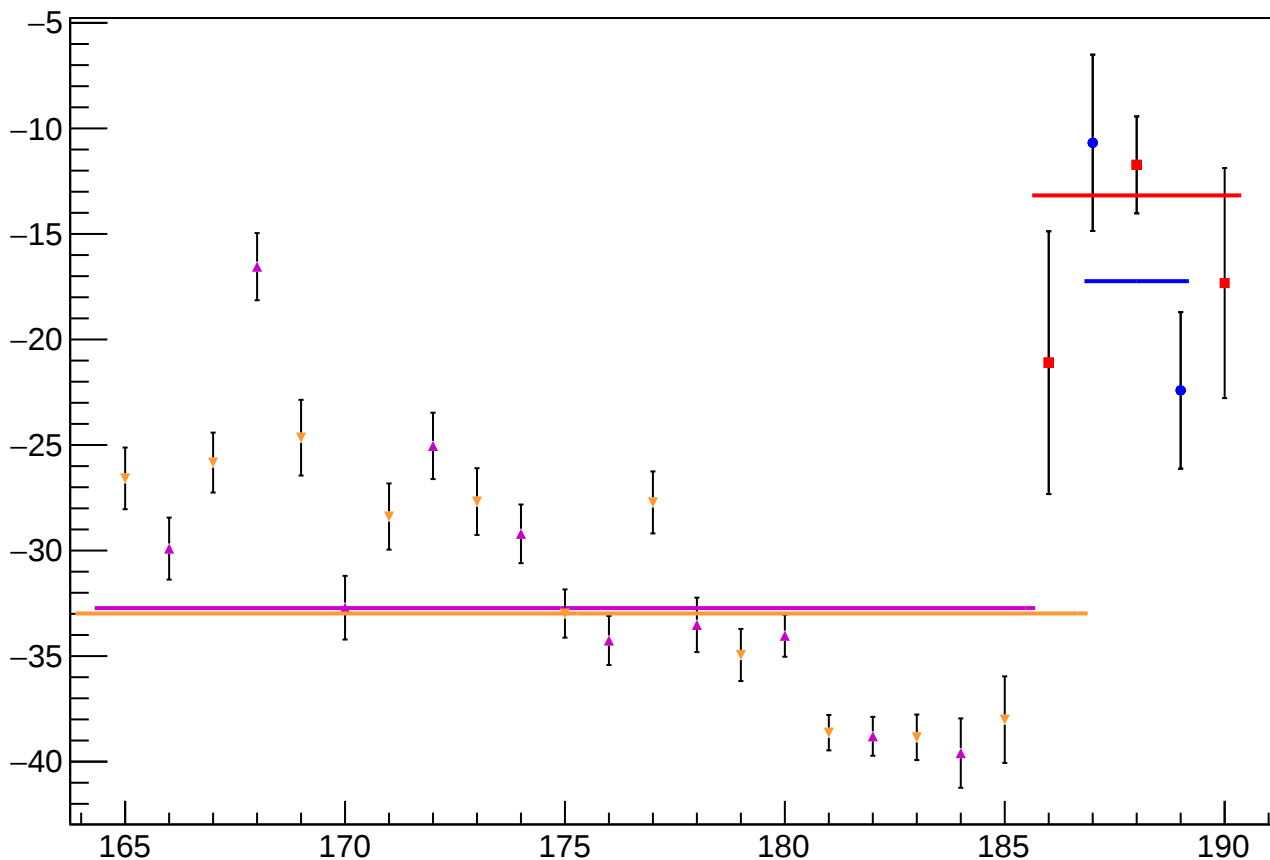
Right: 1.021 $\pm$ 0.049 χ^2 /NDF: 1746.9/8

In: 0.507 $\pm$ 0.005 χ^2 /NDF:132.6/13

Out: 0.529 $\pm$ 0.004 χ^2 /NDF:1882.1/15

All: 0.518 $\pm$ 0.003 χ^2 /NDF: 2026.4/29

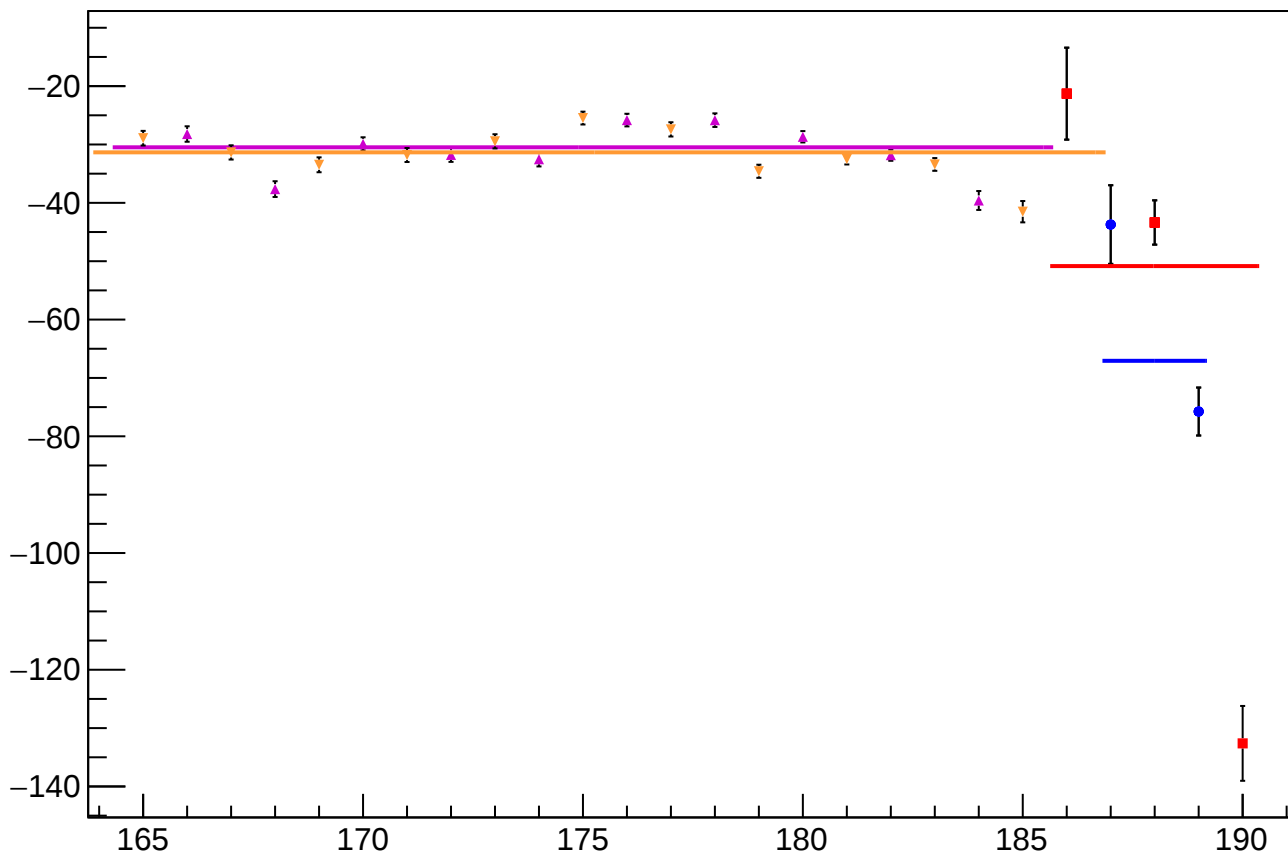
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 202.2/9$

Left: -32.856 ± 0.282 $\chi^2/\text{NDF}: 384.7/20$
 Right: -14.631 ± 1.175 $\chi^2/\text{NDF}: 16.2/8$
 In: -32.094 ± 0.396 $\chi^2/\text{NDF}: 270.8/13$
 Out: -31.655 ± 0.379 $\chi^2/\text{NDF}: 357.0/15$
 All: -31.865 ± 0.274 $\chi^2/\text{NDF}: 628.5/29$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 106.8/9$

Left: -30.930 ± 0.256 $\chi^2/\text{NDF}: 202.0/20$

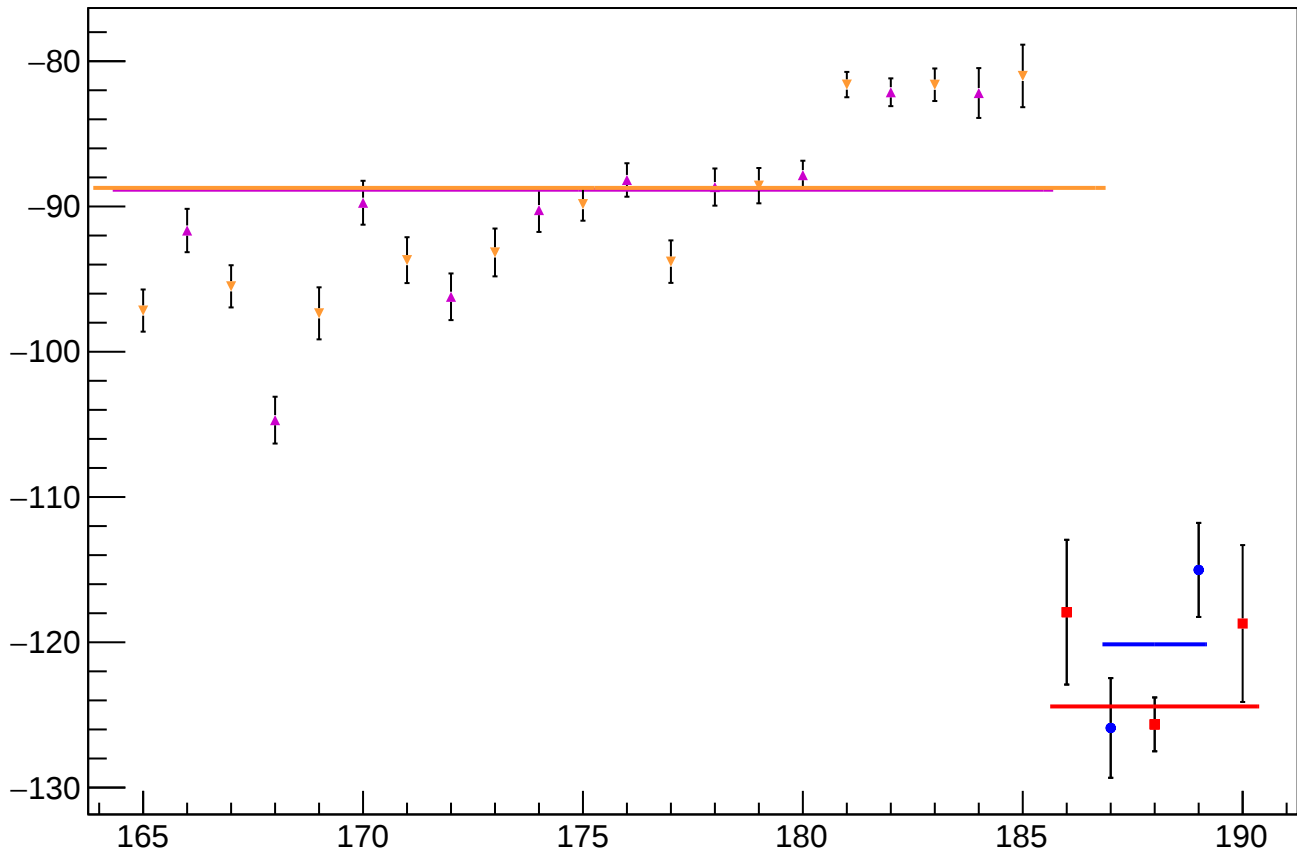
Right: -58.205 ± 1.672 $\chi^2/\text{NDF}: 254.9/8$

In: -31.274 ± 0.365 $\chi^2/\text{NDF}: 352.5/13$

Out: -31.818 ± 0.352 $\chi^2/\text{NDF}: 363.3/15$

All: -31.555 ± 0.253 $\chi^2/\text{NDF}: 717.0/29$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -88.781 ± 0.286 χ^2/NDF : 417.0/20

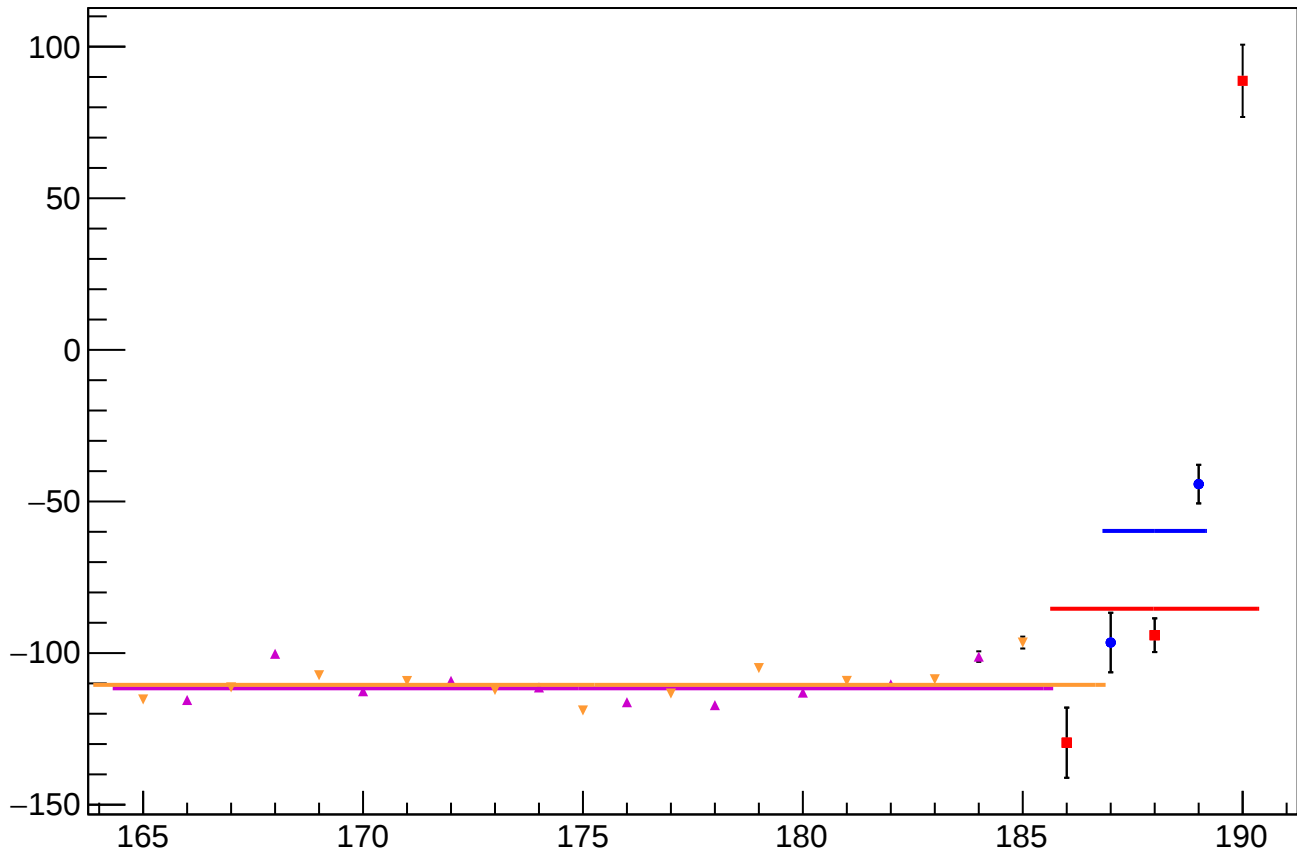
Right: -122.959 ± 0.972 χ^2/NDF : 20.4/8

In: -90.643 ± 0.399 χ^2/NDF : 532.0/13

Out: -92.295 ± 0.379 χ^2/NDF : 1033.8/15

All: -91.512 ± 0.275 χ^2/NDF : 1574.8/29

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -59.711 ± 3.774 $\chi^2/\text{NDF}: 39.9/3$

Left Out: -110.475 ± 0.384 $\chi^2/\text{NDF}: 153.9/10$

Right Out: -85.373 ± 3.398 $\chi^2/\text{NDF}: 247.2/4$

Left In: -111.620 ± 0.397 $\chi^2/\text{NDF}: 139.8/9$

Left: -111.029 ± 0.276 $\chi^2/\text{NDF}: 298.0/20$

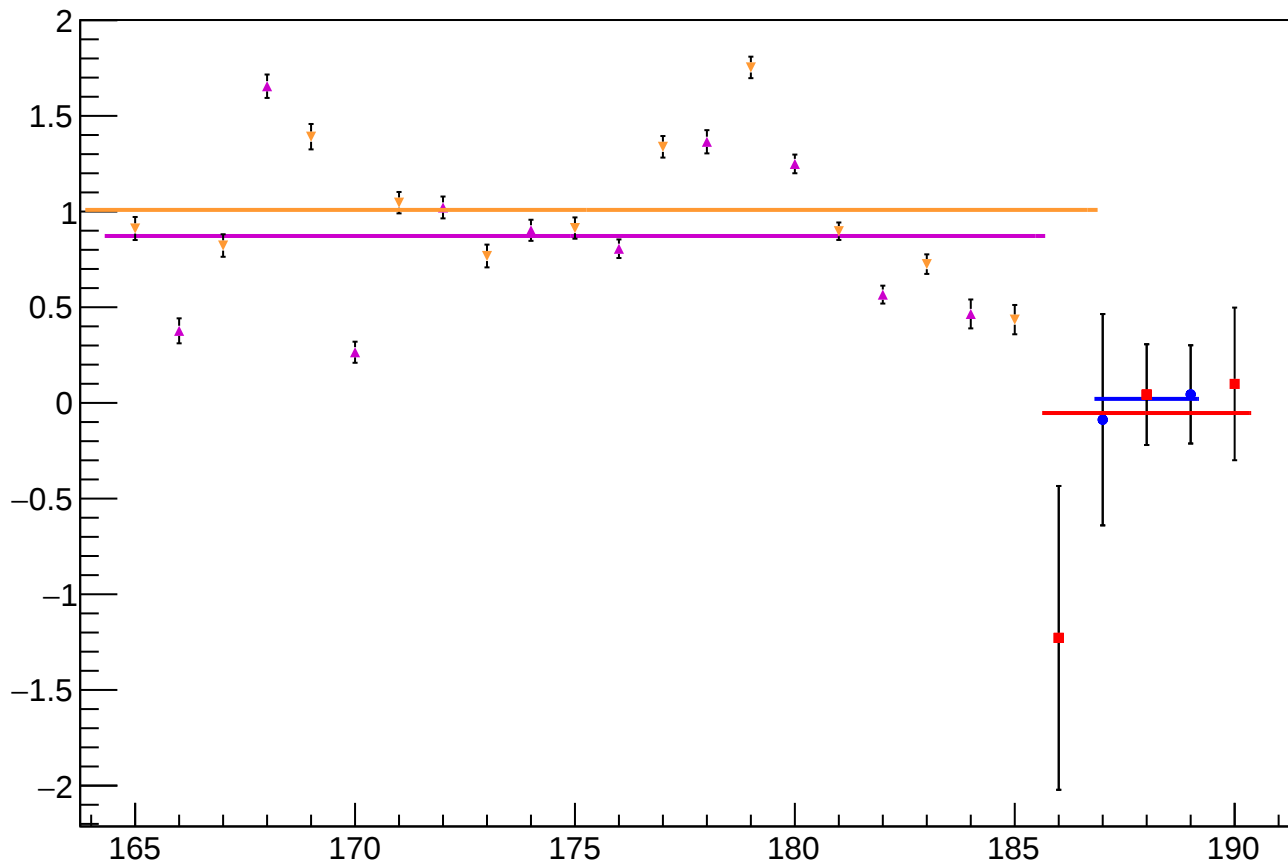
Right: -73.885 ± 2.525 $\chi^2/\text{NDF}: 312.6/8$

In: -111.053 ± 0.395 $\chi^2/\text{NDF}: 366.8/13$

Out: -110.158 ± 0.382 $\chi^2/\text{NDF}: 454.9/15$

All: -110.591 ± 0.274 $\chi^2/\text{NDF}: 824.4/29$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.021 ± 0.165 χ^2/NDF : 0.1/3

Left Out: 1.009 ± 0.017 χ^2/NDF : 368.4/10

Right Out: -0.053 ± 0.162 χ^2/NDF : 4.8/4

Left In: 0.872 ± 0.018 χ^2/NDF : 549.0/9

Left: 0.942 ± 0.012 χ^2/NDF : 948.1/20

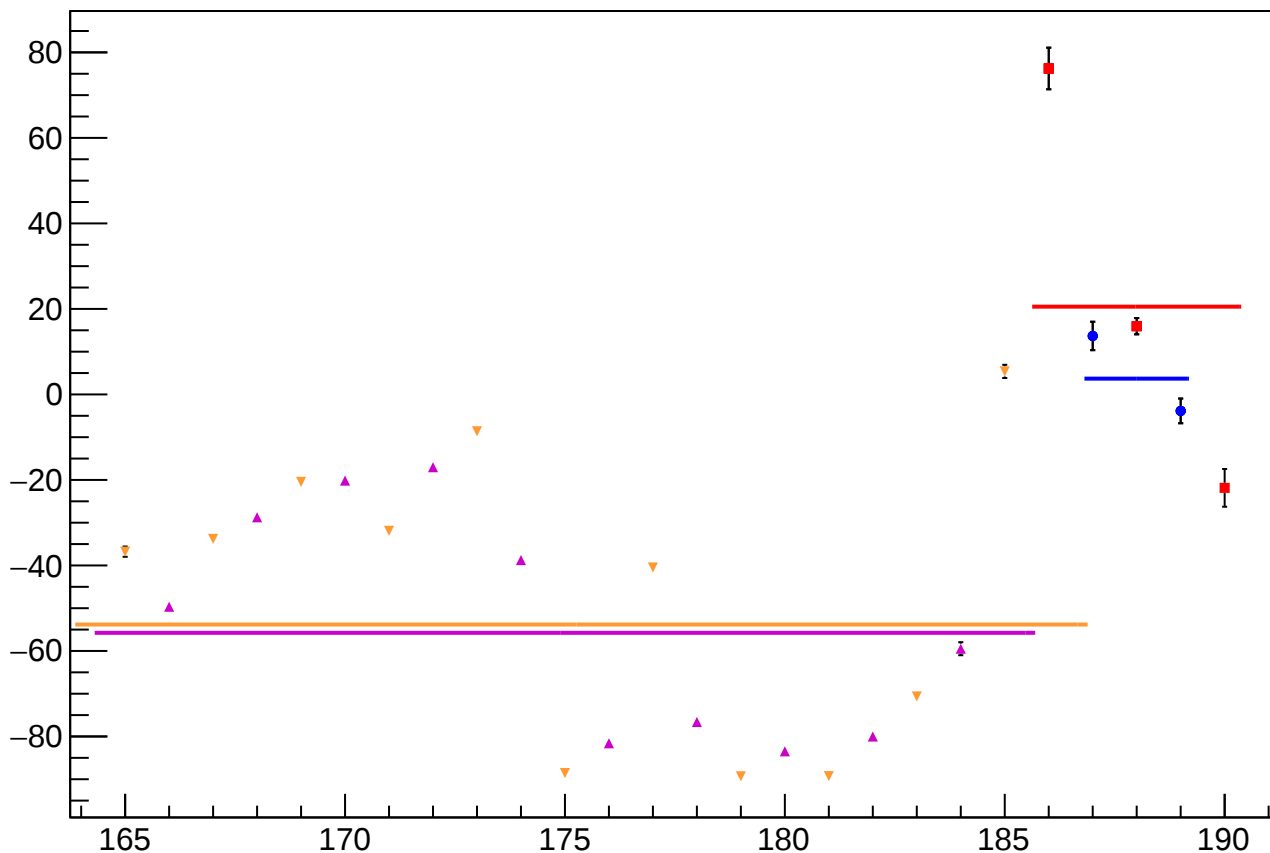
Right: -0.017 ± 0.115 χ^2/NDF : 5.0/8

In: 0.863 ± 0.018 χ^2/NDF : 575.5/13

Out: 0.997 ± 0.017 χ^2/NDF : 415.9/15

All: 0.931 ± 0.012 χ^2/NDF : 1021.4/29

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.694 ± 1.542 $\chi^2/\text{NDF}: 31.7/3$

Left Out: -53.815 ± 0.289 $\chi^2/\text{NDF}: 11877.8/10$

Right Out: 20.529 ± 1.204 $\chi^2/\text{NDF}: 365.7/4$

Left In: -55.757 ± 0.298 $\chi^2/\text{NDF}: 7490.4/9$

Left: -54.758 ± 0.207 $\chi^2/\text{NDF}: 19390.1/20$

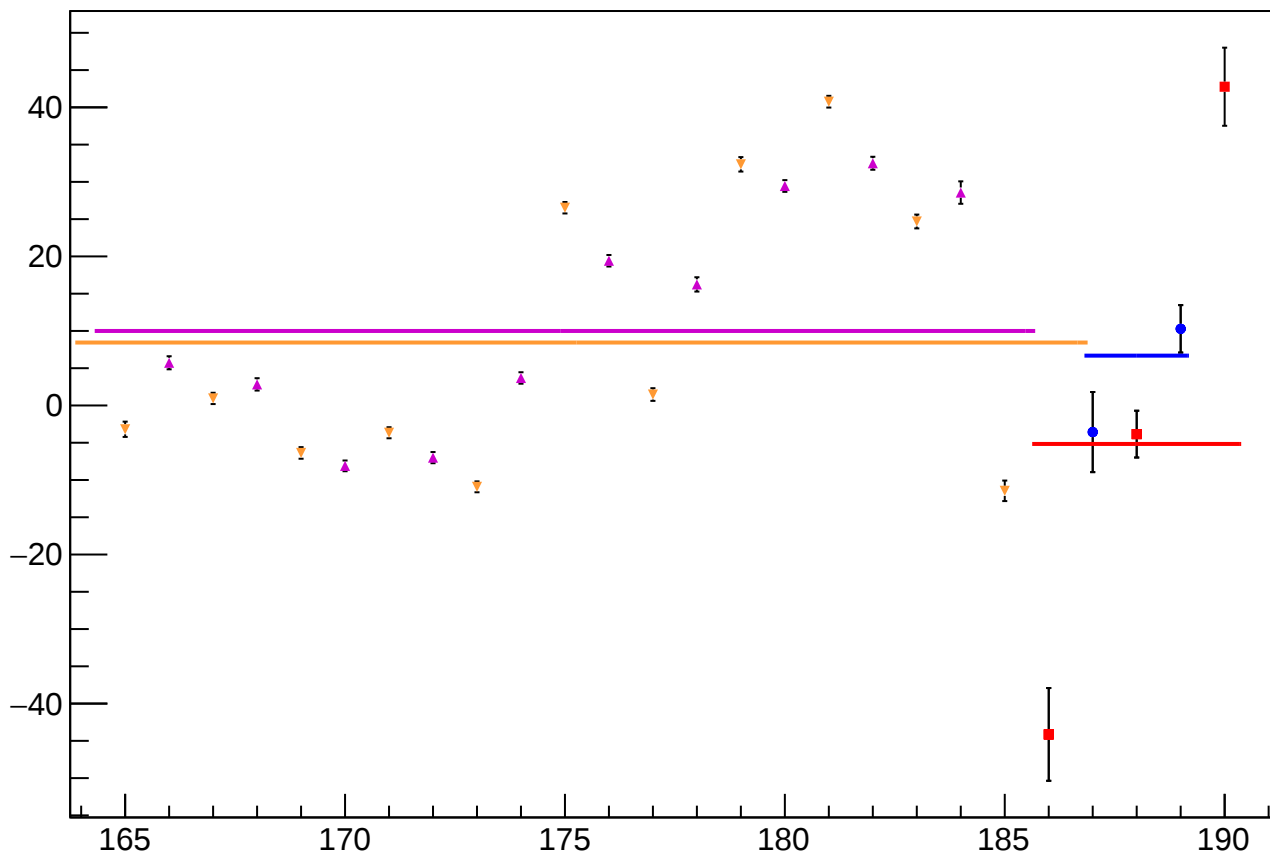
Right: 14.148 ± 0.949 $\chi^2/\text{NDF}: 471.5/8$

In: -53.620 ± 0.292 $\chi^2/\text{NDF}: 8955.4/13$

Out: -49.761 ± 0.281 $\chi^2/\text{NDF}: 15845.5/15$

All: -51.617 ± 0.203 $\chi^2/\text{NDF}: 24891.5/29$

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.686 $\pm$ 1.937 χ^2 /NDF: 9.8/3

Left Out: 8.444 $\pm$ 0.254 χ^2 /NDF:4980.3/10

Right Out: -5.163 $\pm$ 1.854 χ^2 /NDF: 162.5/4

Left In: 9.996 $\pm$ 0.265 χ^2 /NDF:2929.8/9

Left: 9.189 $\pm$ 0.183 χ^2 /NDF: 7928.0/20

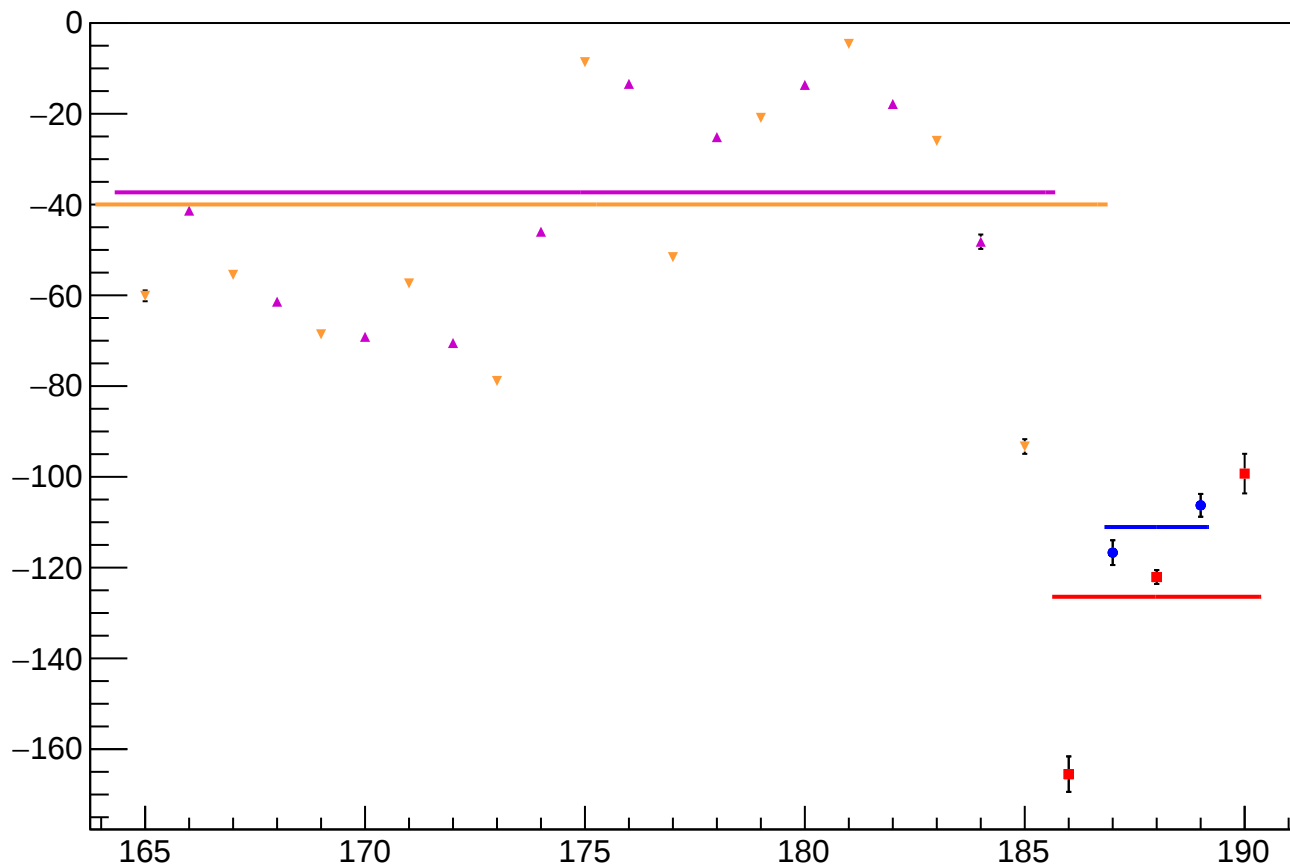
Right: 0.501 $\pm$ 1.339 χ^2 /NDF: 191.8/8

In: 9.935 $\pm$ 0.262 χ^2 /NDF:2942.5/13

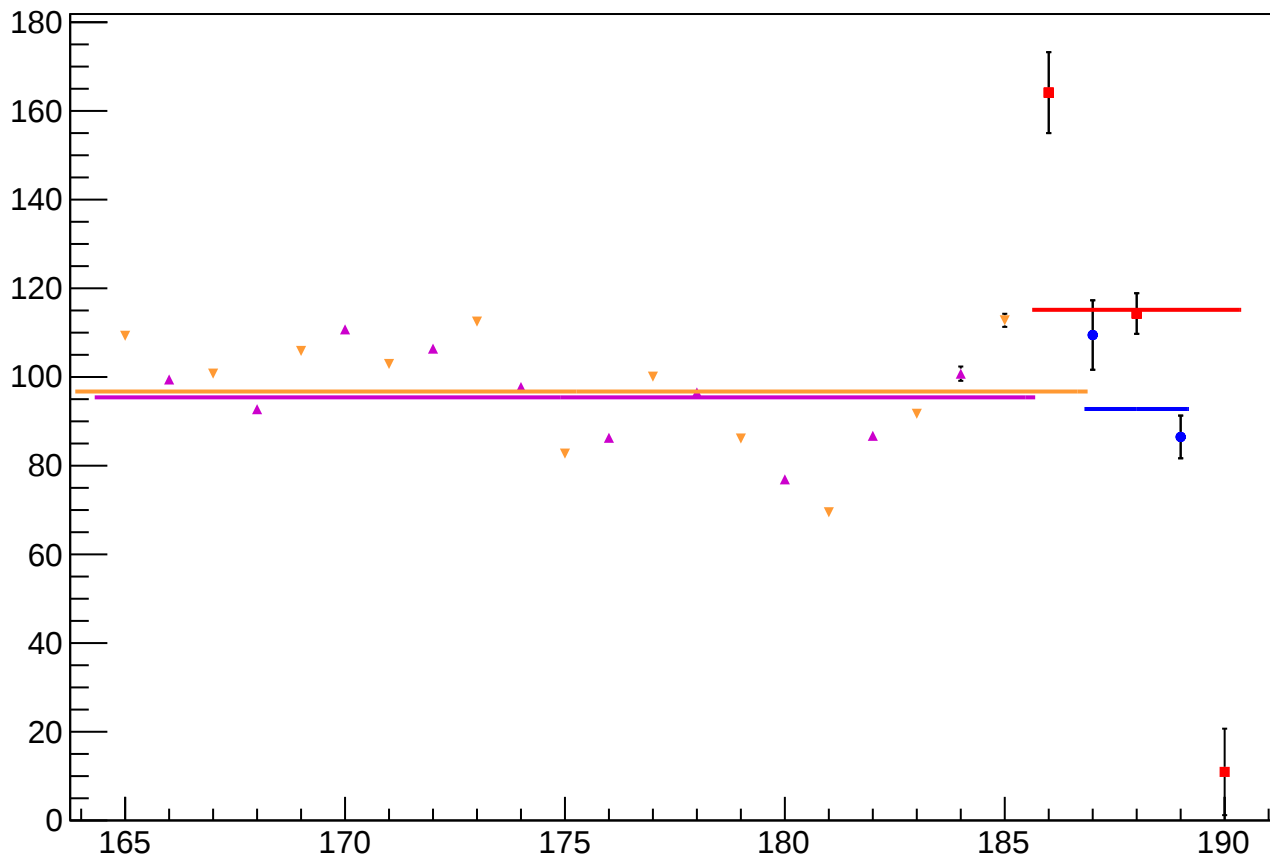
Out: 8.192 $\pm$ 0.252 χ^2 /NDF:5195.7/15

All: 9.029 $\pm$ 0.182 χ^2 /NDF: 8161.2/29

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 92.786 $\pm$ 2.901 χ^2 /NDF: 12.5/3

Left Out: 96.727 $\pm$ 0.275 χ^2 /NDF:2325.7/10

Right Out: 115.148 $\pm$ 2.775 χ^2 /NDF: 171.9/4

Left In: 95.409 $\pm$ 0.286 χ^2 /NDF:1301.6/9

Left: 96.093 $\pm$ 0.198 χ^2 /NDF: 3638.3/20

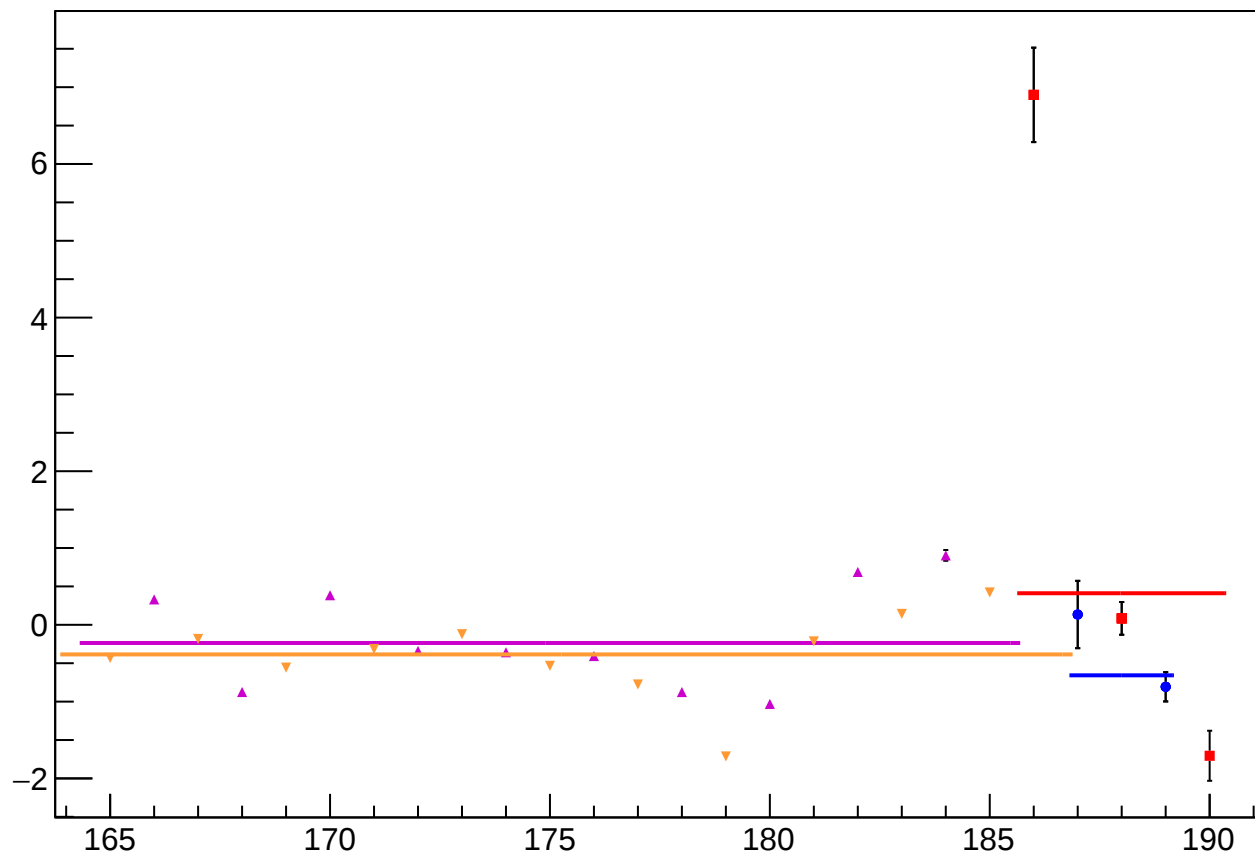
Right: 104.461 $\pm$ 2.005 χ^2 /NDF: 215.4/8

In: 95.383 $\pm$ 0.285 χ^2 /NDF:1314.9/13

Out: 96.906 $\pm$ 0.274 χ^2 /NDF:2541.2/15

All: 96.174 $\pm$ 0.197 χ^2 /NDF: 3870.9/29

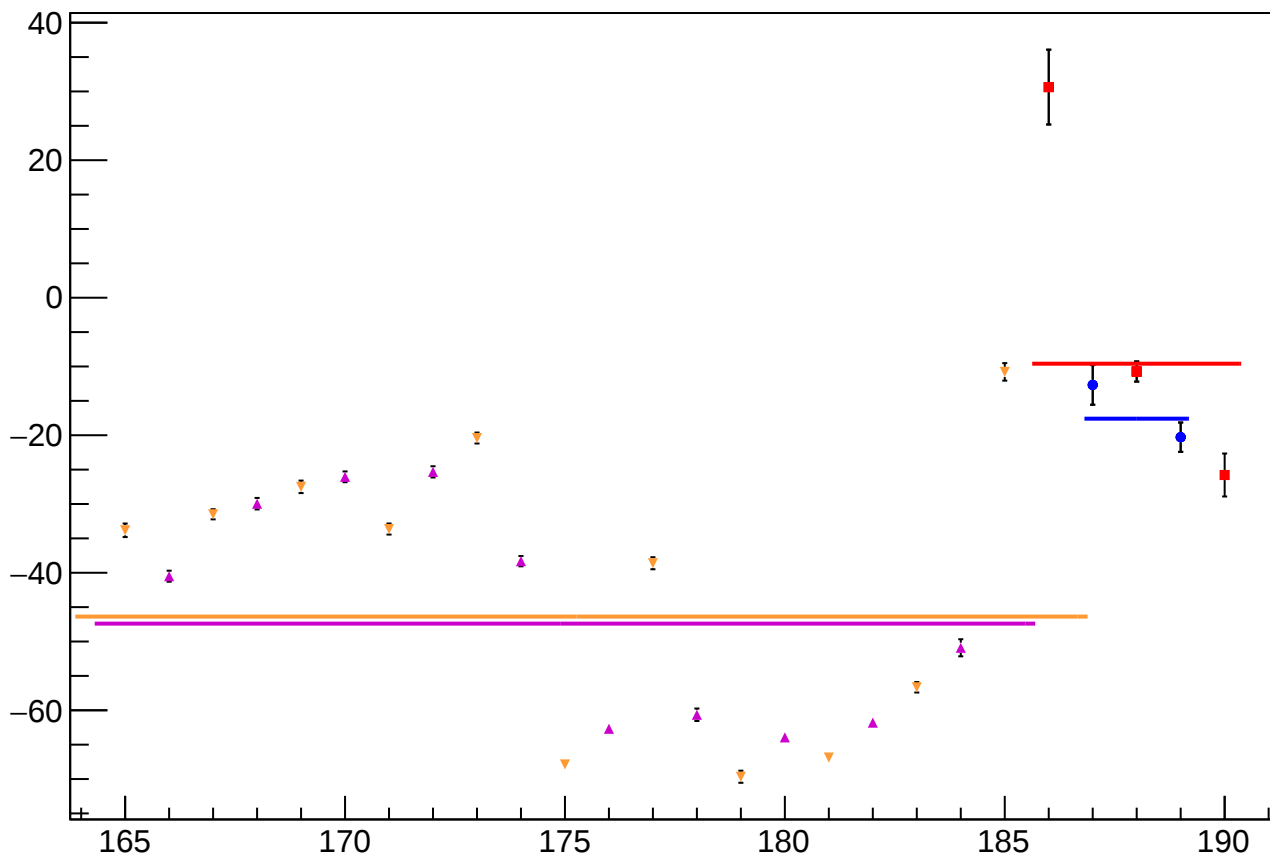
reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.658 ± 0.124 $\chi^2/\text{NDF}: 7.8/3$
 Left Out: -0.385 ± 0.012 $\chi^2/\text{NDF}: 1340.6/10$
 Right Out: 0.411 ± 0.131 $\chi^2/\text{NDF}: 269.7/4$
 Left In: -0.237 ± 0.013 $\chi^2/\text{NDF}: 2131.9/9$

Left: -0.313 ± 0.009 $\chi^2/\text{NDF}: 3544.3/20$
 Right: -0.153 ± 0.090 $\chi^2/\text{NDF}: 312.8/8$
 In: -0.241 ± 0.013 $\chi^2/\text{NDF}: 2151.1/13$
 Out: -0.379 ± 0.012 $\chi^2/\text{NDF}: 1647.2/15$
 All: -0.312 ± 0.009 $\chi^2/\text{NDF}: 3860.3/29$

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



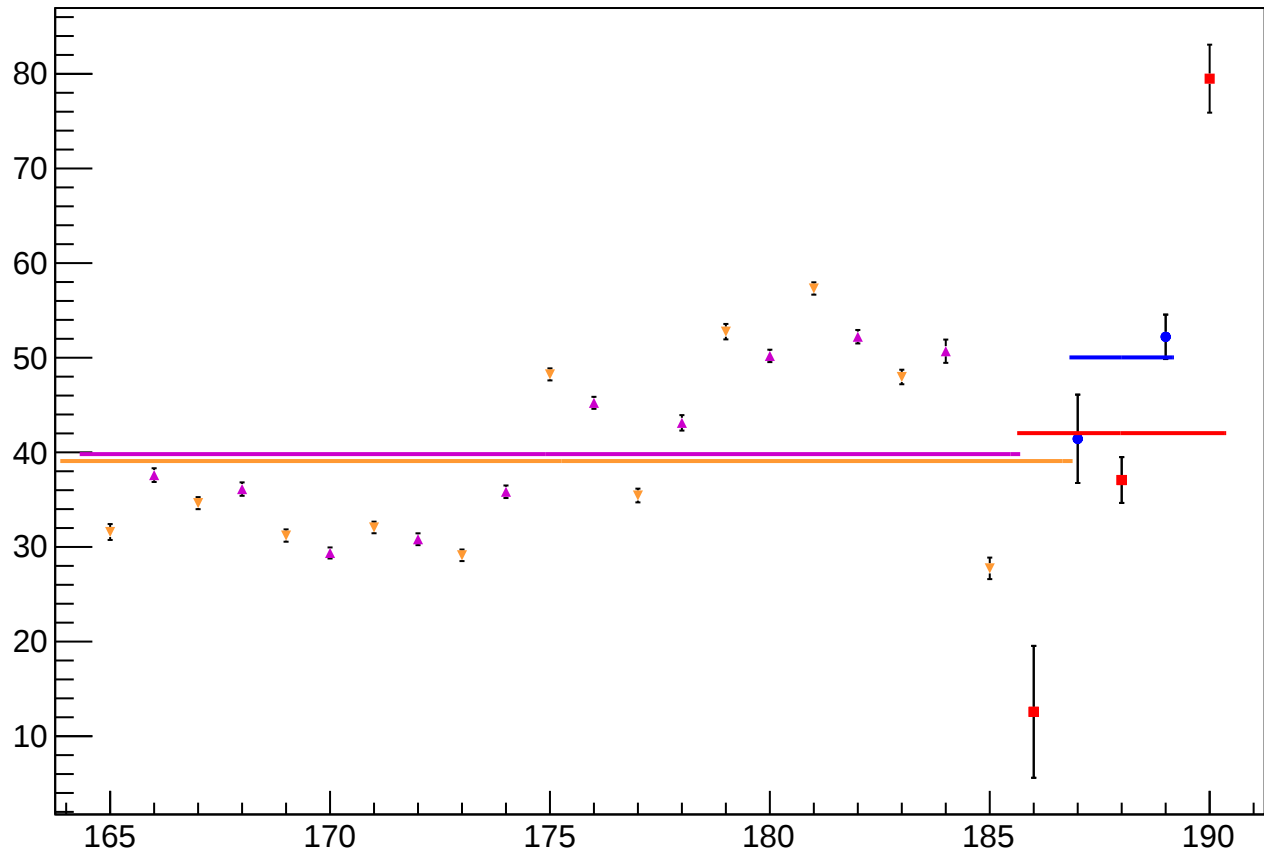
Right In: -17.592 ± 1.213 $\chi^2/\text{NDF}: 9.0/3$
 Left Out: -46.373 ± 0.241 $\chi^2/\text{NDF}: 6316.7/10$
 Right Out: -9.595 ± 0.953 $\chi^2/\text{NDF}: 137.4/4$
 Left In: -47.398 ± 0.247 $\chi^2/\text{NDF}: 3922.6/9$

Left: -46.871 ± 0.172 $\chi^2/\text{NDF}: 10248.1/20$
 Right: -12.650 ± 0.750 $\chi^2/\text{NDF}: 173.2/8$

In: -46.207 ± 0.242 $\chi^2/\text{NDF}: 4511.5/13$
 Out: -44.172 ± 0.233 $\chi^2/\text{NDF}: 7853.0/15$

All: -45.151 ± 0.168 $\chi^2/\text{NDF}: 12401.1/29$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 39.432 $\pm$ 0.153 χ^2 /NDF: 3524.0/20

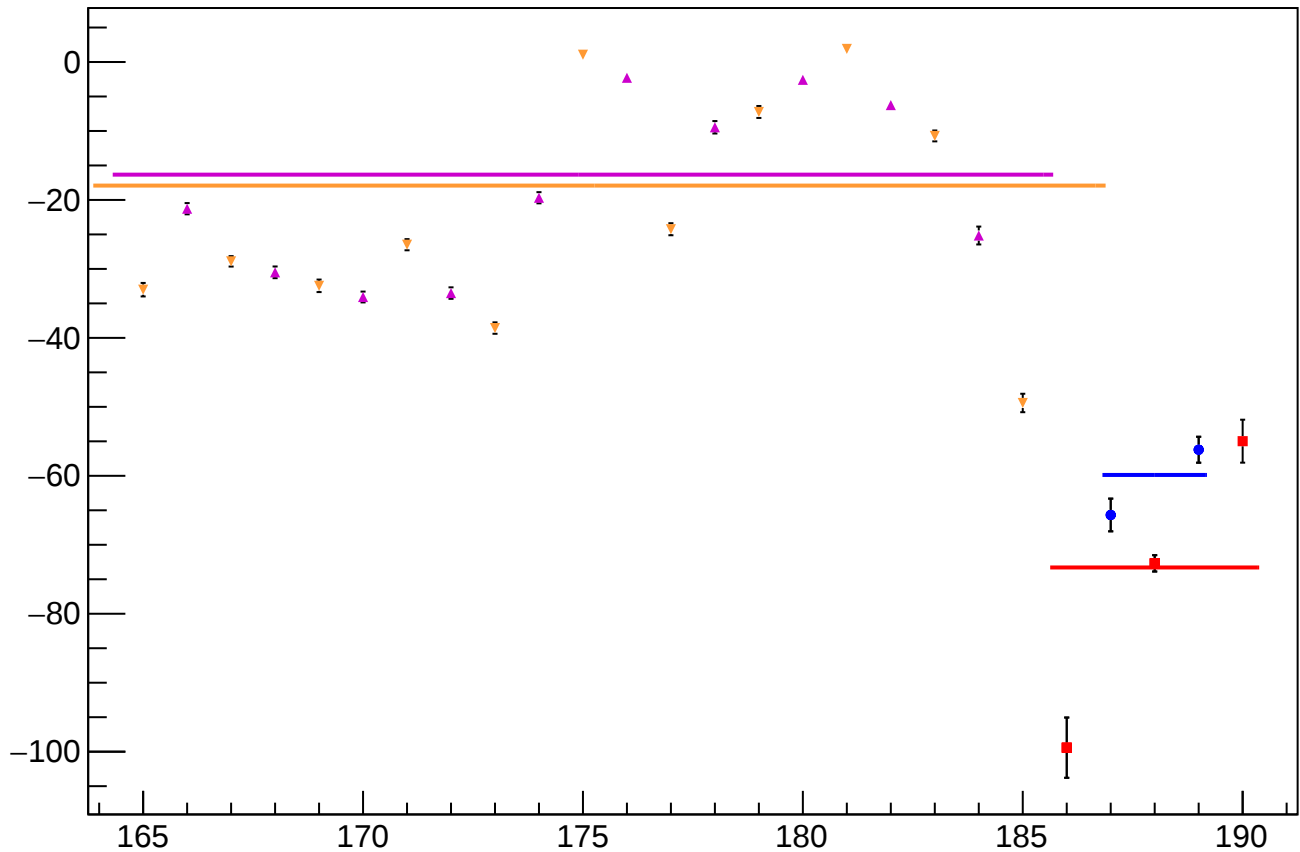
Right: 46.011 $\pm$ 1.046 χ^2 /NDF: 175.9/8

In: 40.034 $\pm$ 0.218 χ^2 /NDF: 1374.9/13

Out: 39.139 $\pm$ 0.210 χ^2 /NDF: 2355.0/15

All: 39.569 $\pm$ 0.151 χ^2 /NDF: 3738.7/29

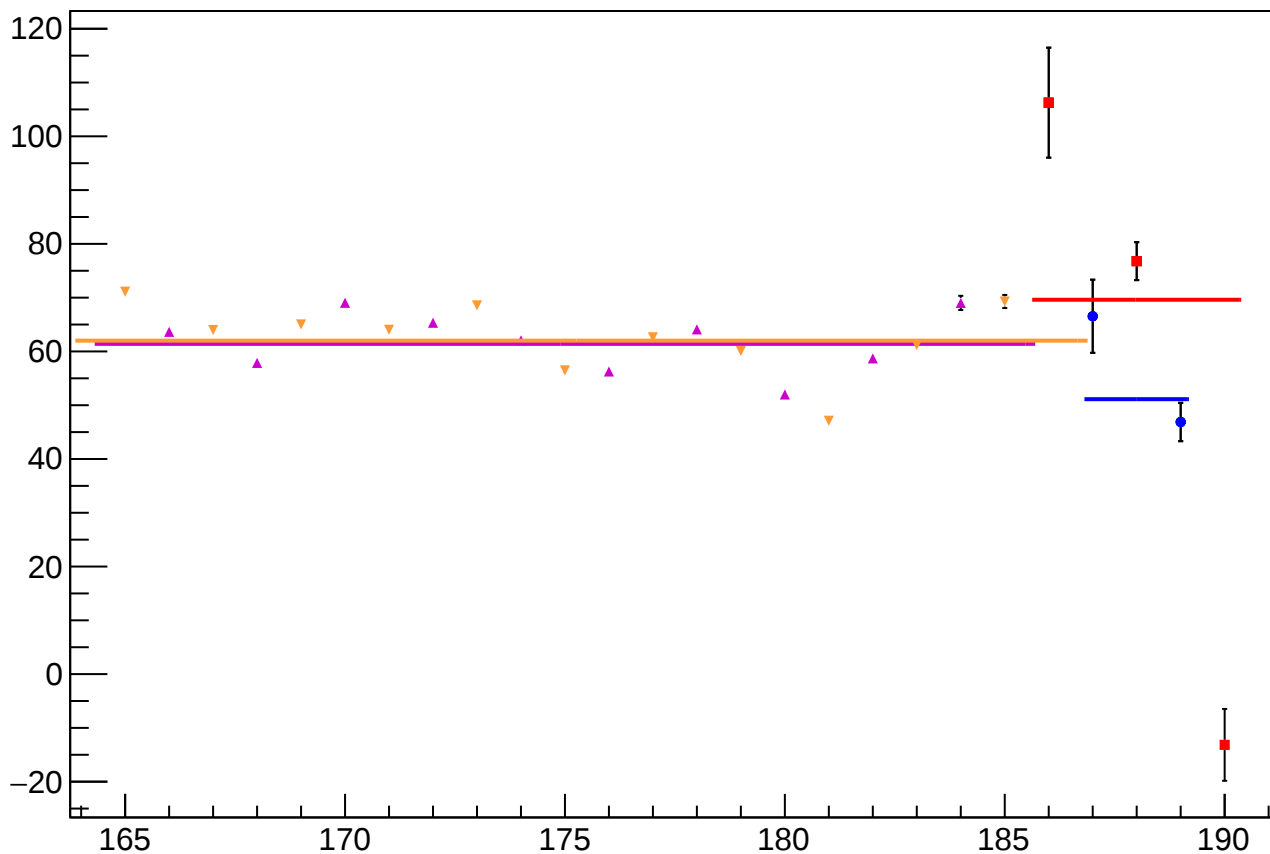
reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.874 ± 1.042 $\chi^2/\text{NDF}: 19.5/3$
 Left Out: -17.918 ± 0.245 $\chi^2/\text{NDF}: 4145.1/10$
 Right Out: -73.290 ± 0.783 $\chi^2/\text{NDF}: 106.6/4$
 Left In: -16.333 ± 0.252 $\chi^2/\text{NDF}: 2440.2/9$

Left: -17.148 ± 0.175 $\chi^2/\text{NDF}: 6605.7/20$
 Right: -68.453 ± 0.626 $\chi^2/\text{NDF}: 232.1/8$
 In: -18.733 ± 0.245 $\chi^2/\text{NDF}: 4109.2/13$
 Out: -22.844 ± 0.233 $\chi^2/\text{NDF}: 8813.0/15$
 All: -20.885 ± 0.169 $\chi^2/\text{NDF}: 13070.0/29$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.122+/-2.234 χ^2/NDF : 13.1/3

Left Out: 62.007+/-0.229 χ^2/NDF : 804.9/10

Right Out: 69.609+/-2.224 χ^2/NDF : 187.4/4

Left In: 61.409+/-0.238 χ^2/NDF : 500.0/9

Left: 61.719+/-0.165 χ^2/NDF : 1308.2/20

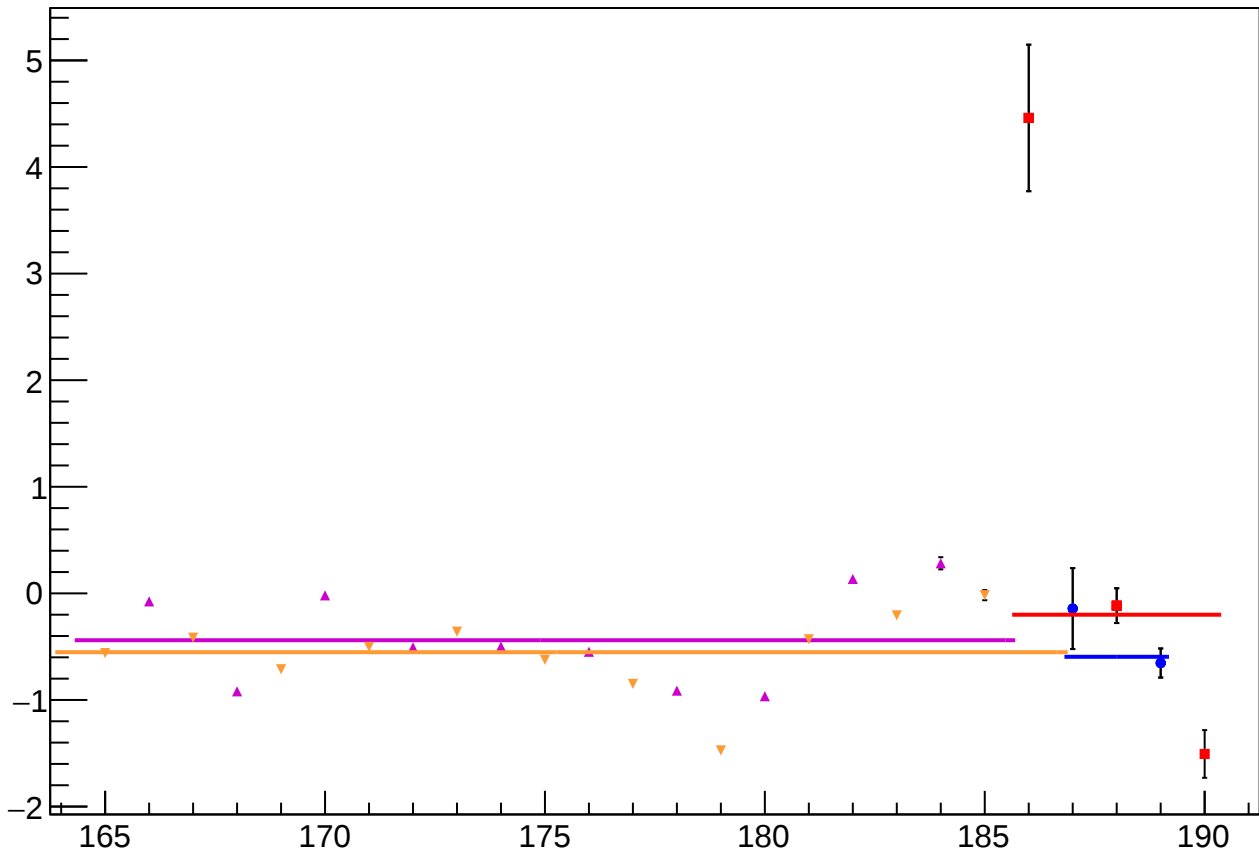
Right: 60.408+/-1.576 χ^2/NDF : 234.9/8

In: 61.293+/-0.237 χ^2/NDF : 534.1/13

Out: 62.087+/-0.228 χ^2/NDF : 1003.9/15

All: 61.705+/-0.164 χ^2/NDF : 1543.8/29

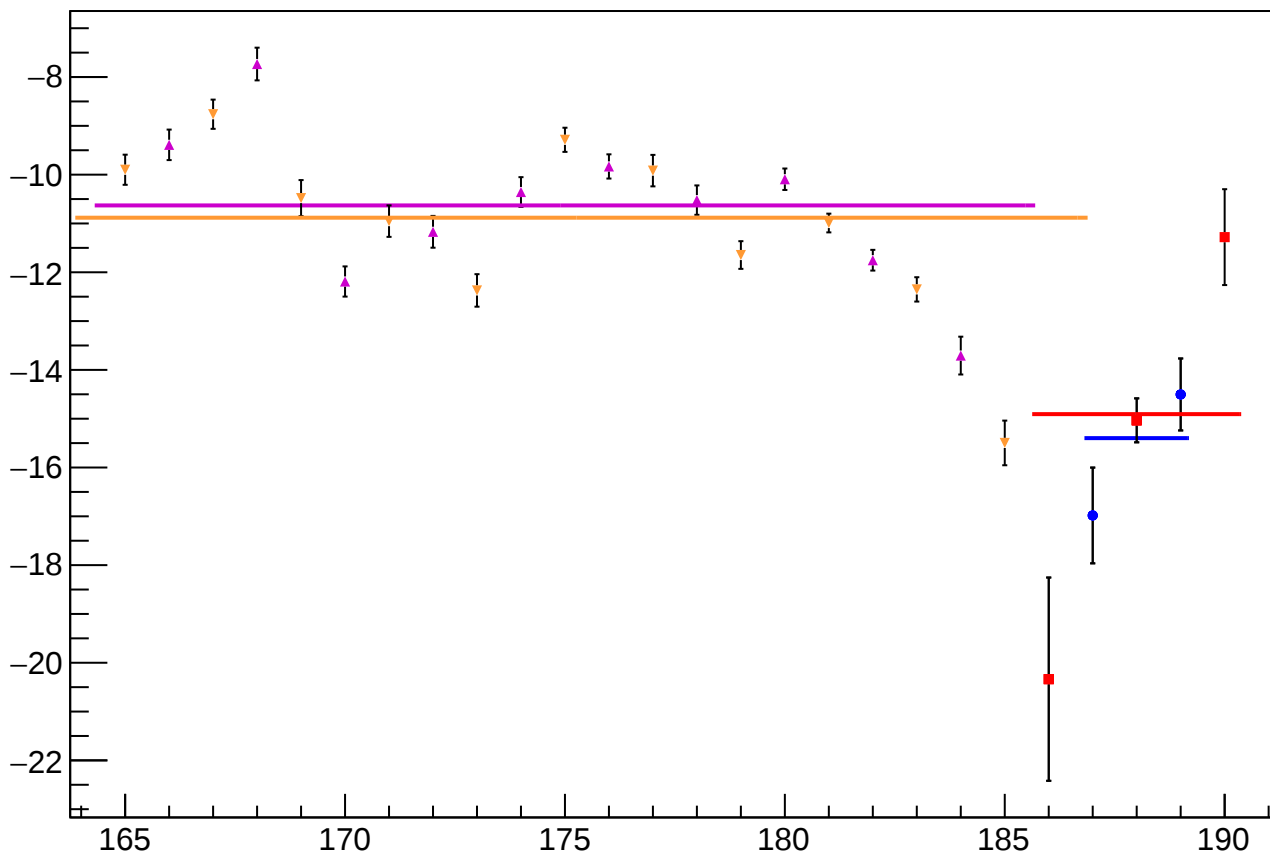
reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.595 ± 0.091 $\chi^2/\text{NDF}: 3.2/3$
 Left Out: -0.552 ± 0.010 $\chi^2/\text{NDF}: 920.8/10$
 Right Out: -0.200 ± 0.100 $\chi^2/\text{NDF}: 126.6/4$
 Left In: -0.440 ± 0.010 $\chi^2/\text{NDF}: 1391.2/9$

Left: -0.497 ± 0.007 $\chi^2/\text{NDF}: 2371.1/20$
 Right: -0.417 ± 0.067 $\chi^2/\text{NDF}: 138.3/8$
 In: -0.442 ± 0.010 $\chi^2/\text{NDF}: 1397.3/13$
 Out: -0.548 ± 0.010 $\chi^2/\text{NDF}: 1059.6/15$
 All: -0.496 ± 0.007 $\chi^2/\text{NDF}: 2510.9/29$

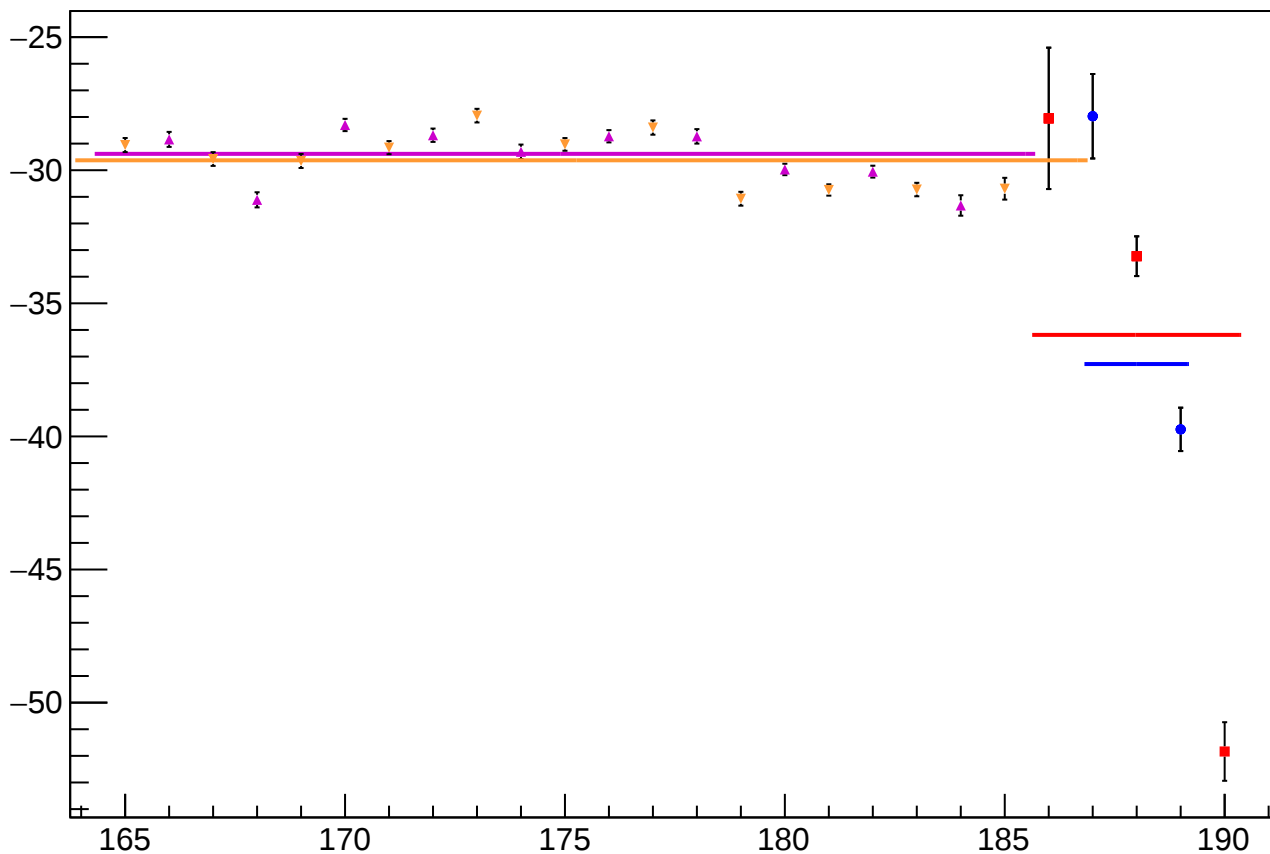
reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.398 ± 0.417 $\chi^2/\text{NDF}: 8.2/3$
 Left Out: -10.882 ± 0.086 $\chi^2/\text{NDF}: 276.1/10$
 Right Out: -14.906 ± 0.297 $\chi^2/\text{NDF}: 27.4/4$
 Left In: -10.630 ± 0.089 $\chi^2/\text{NDF}: 227.0/9$

Left: -10.760 ± 0.062 $\chi^2/\text{NDF}: 507.2/20$
 Right: -15.072 ± 0.242 $\chi^2/\text{NDF}: 36.5/8$
 In: -10.838 ± 0.087 $\chi^2/\text{NDF}: 360.3/13$
 Out: -11.196 ± 0.083 $\chi^2/\text{NDF}: 473.2/15$
 All: -11.026 ± 0.060 $\chi^2/\text{NDF}: 842.4/29$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

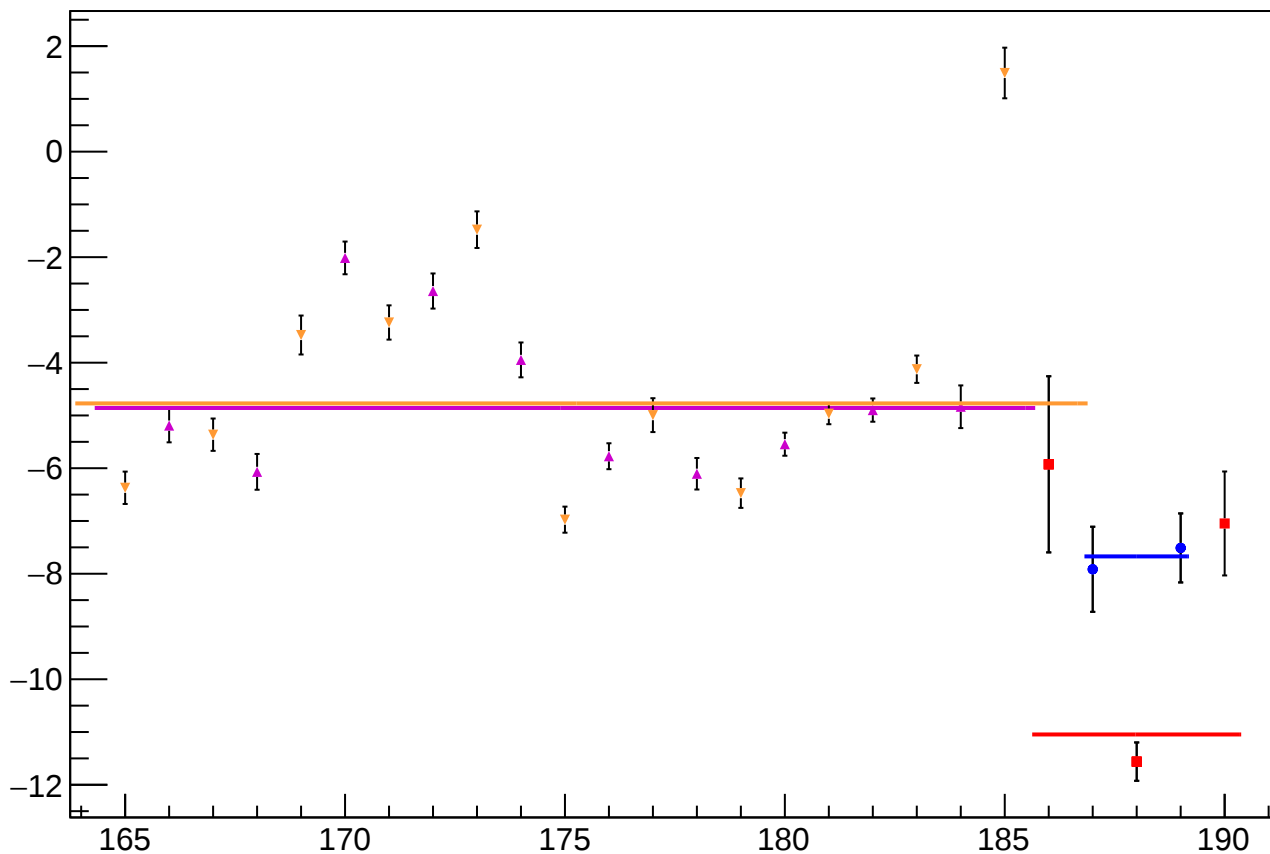


Right In: -37.281 ± 0.512 χ^2/NDF : 87.0/3
 Left Out: -29.628 ± 0.078 χ^2/NDF : 162.3/10
 Right Out: -36.186 ± 0.461 χ^2/NDF : 252.3/4
 Left In: -29.385 ± 0.081 χ^2/NDF : 126.2/9

Left: -29.511 ± 0.056 χ^2/NDF : 293.3/20
 Right: -36.676 ± 0.343 χ^2/NDF : 341.9/8
 In: -29.576 ± 0.080 χ^2/NDF : 445.0/13
 Out: -29.809 ± 0.077 χ^2/NDF : 611.2/15

All: -29.697 ± 0.055 χ^2/NDF : 1060.6/29

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -4.814 ± 0.063 χ^2/NDF : 642.0/20

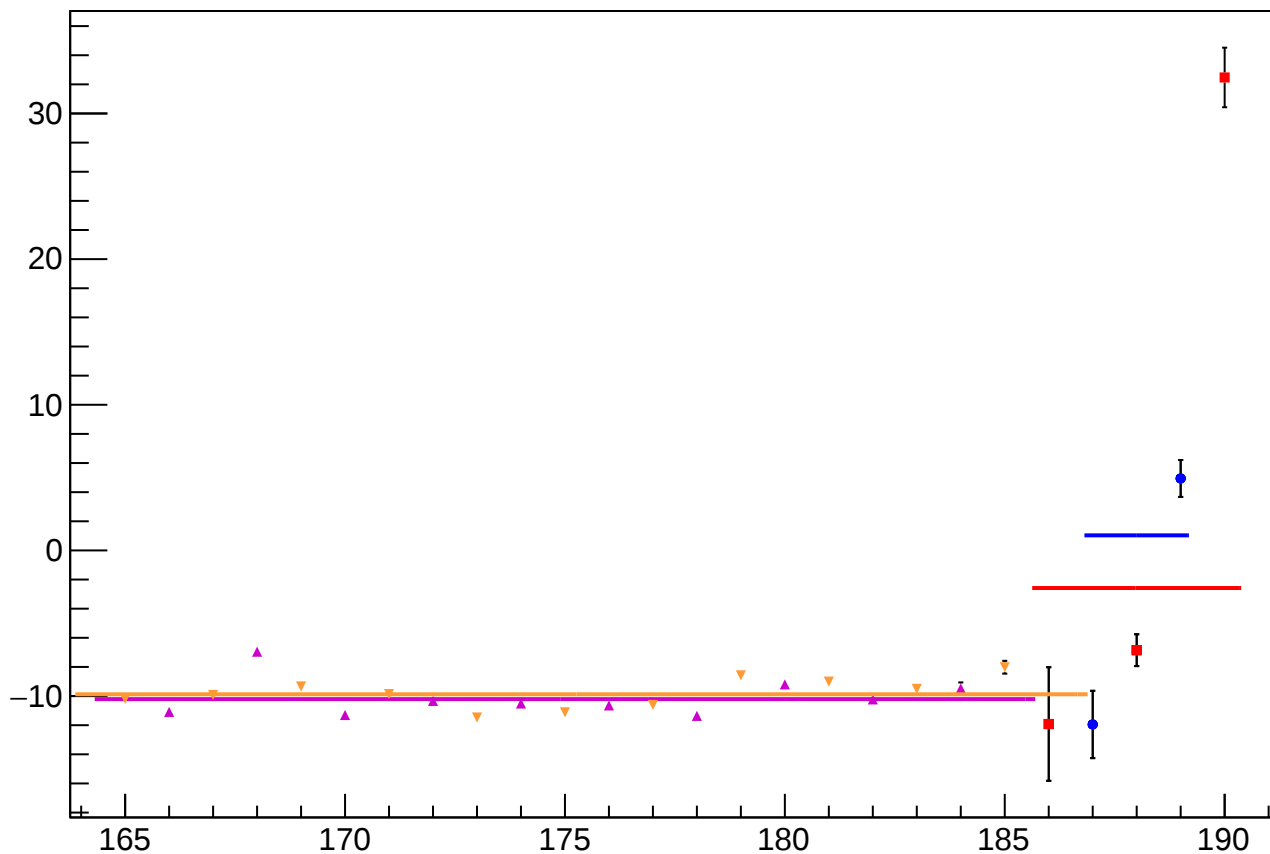
Right: -9.985 ± 0.201 χ^2/NDF : 100.1/8

In: -5.026 ± 0.088 χ^2/NDF : 249.2/13

Out: -5.495 ± 0.083 χ^2/NDF : 1078.0/15

All: -5.274 ± 0.060 χ^2/NDF : 1342.3/29

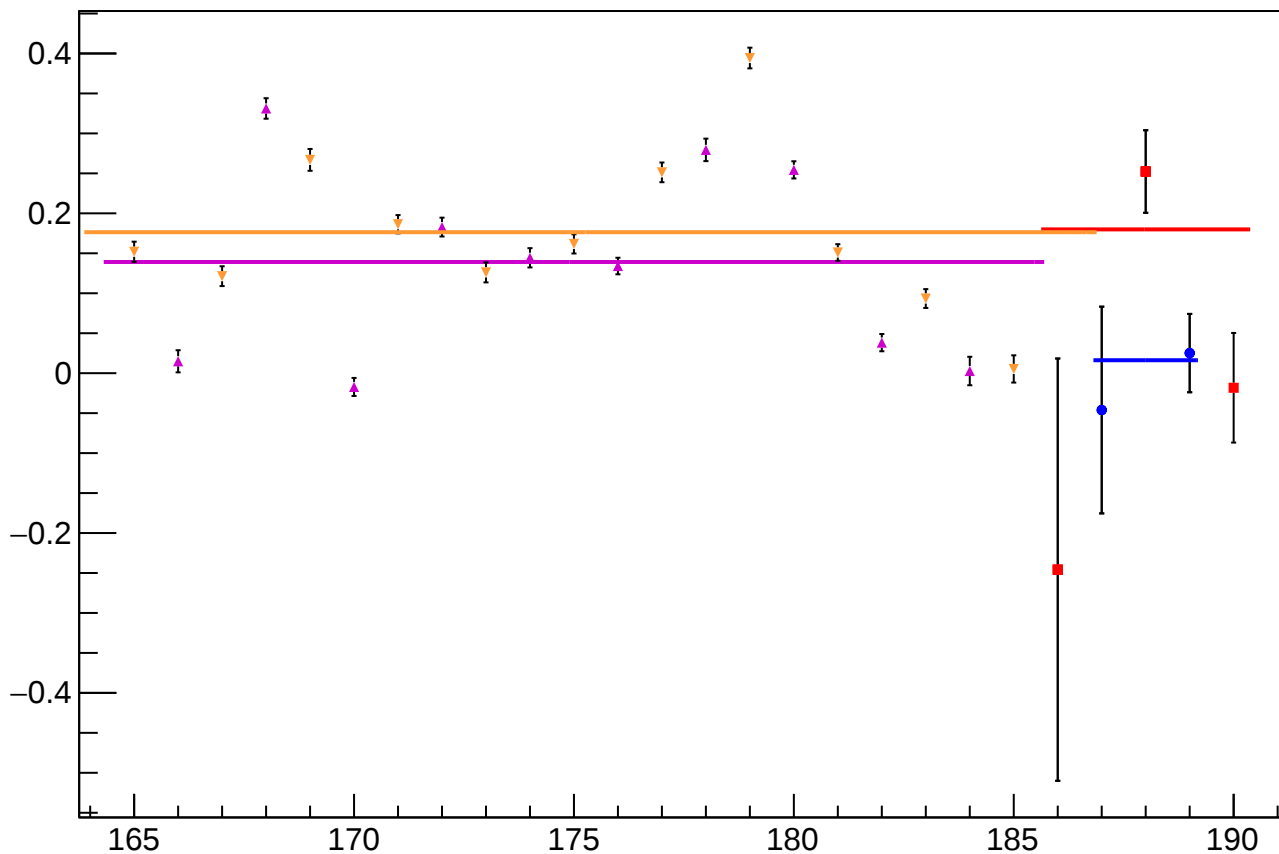
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.035+/-0.786 χ^2/NDF : 82.1/3
 Left Out: -9.878+/-0.084 χ^2/NDF : 123.8/10
 Right Out: -2.581+/-0.699 χ^2/NDF : 335.6/4
 Left In: -10.210+/-0.087 χ^2/NDF : 167.8/9

Left: -10.038+/-0.060 χ^2/NDF : 299.2/20
 Right: -0.984+/-0.522 χ^2/NDF : 429.6/8
 In: -10.075+/-0.086 χ^2/NDF : 452.2/13
 Out: -9.774+/-0.083 χ^2/NDF : 566.8/15
 All: -9.919+/-0.060 χ^2/NDF : 1025.3/29

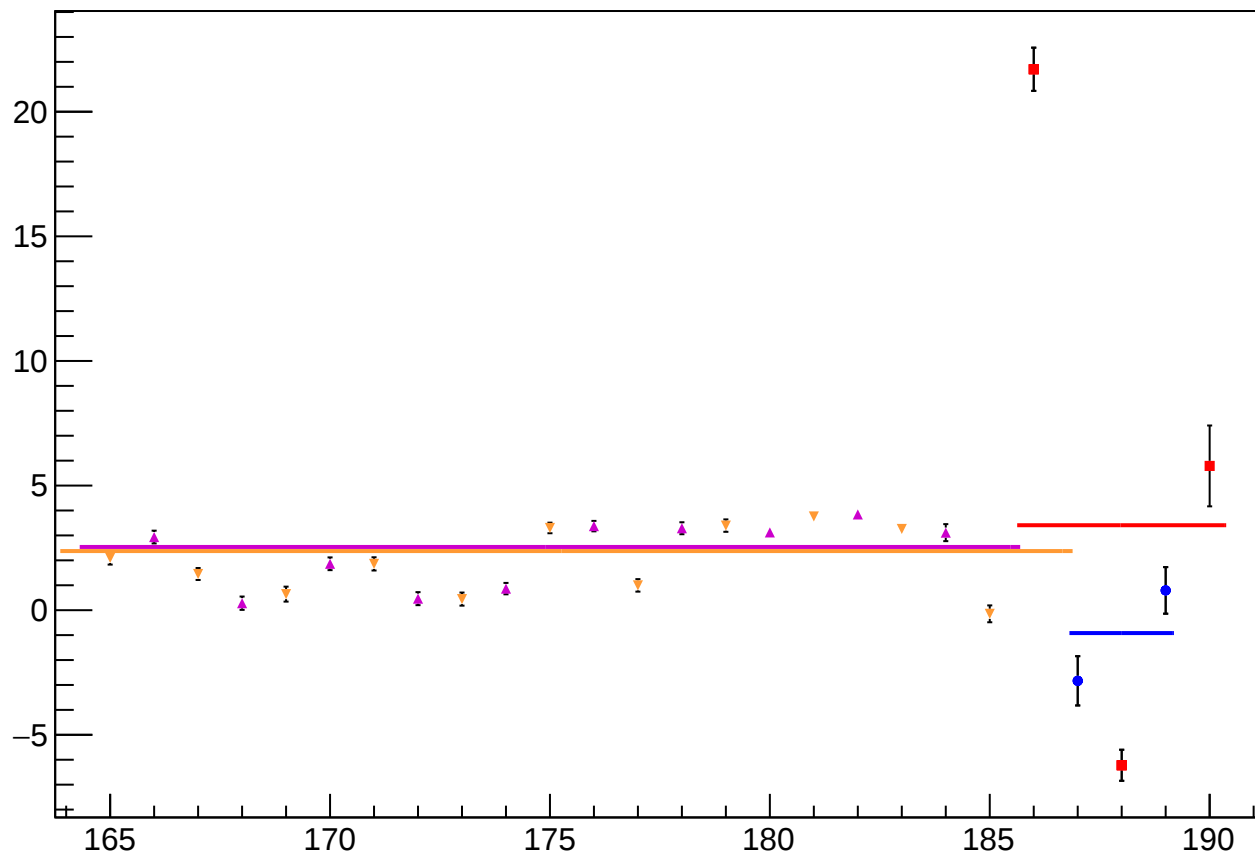
reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.158 $\pm$ 0.003 χ^2 /NDF: 1482.4/20
 Right: 0.100 $\pm$ 0.023 χ^2 /NDF: 31.0/8
 In: 0.137 $\pm$ 0.004 χ^2 /NDF:886.6/13
 Out: 0.176 $\pm$ 0.004 χ^2 /NDF:579.6/15
 All: 0.157 $\pm$ 0.003 χ^2 /NDF: 1520.0/29

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.918 ± 0.480 $\chi^2/\text{NDF}: 14.2/3$

Left Out: 2.372 ± 0.070 $\chi^2/\text{NDF}: 329.2/10$

Right Out: 3.409 ± 0.349 $\chi^2/\text{NDF}: 1371.7/4$

Left In: 2.537 ± 0.072 $\chi^2/\text{NDF}: 291.9/9$

Left: 2.453 ± 0.050 $\chi^2/\text{NDF}: 623.8/20$

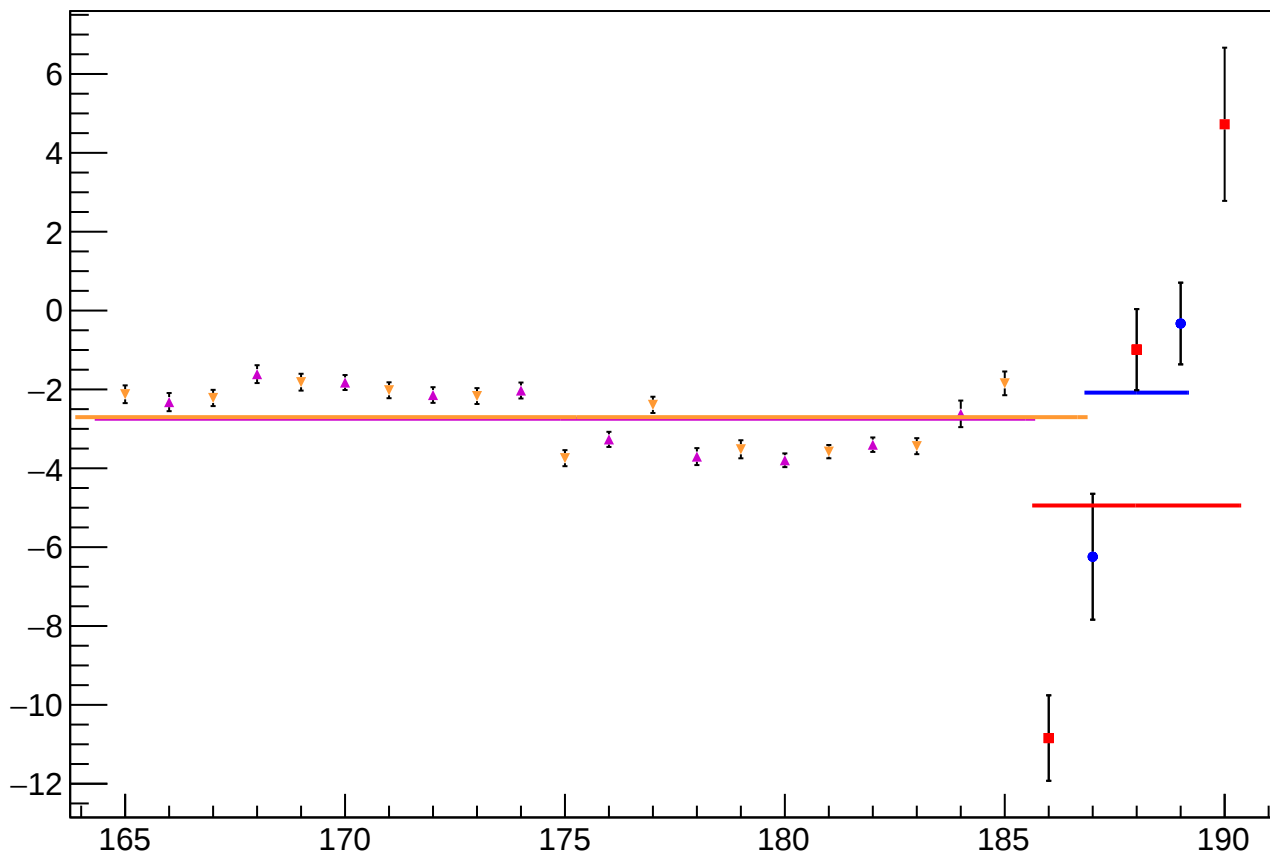
Right: 1.912 ± 0.282 $\chi^2/\text{NDF}: 1439.0/8$

In: 2.461 ± 0.072 $\chi^2/\text{NDF}: 356.8/13$

Out: 2.413 ± 0.069 $\chi^2/\text{NDF}: 1709.3/15$

All: 2.436 ± 0.050 $\chi^2/\text{NDF}: 2066.4/29$

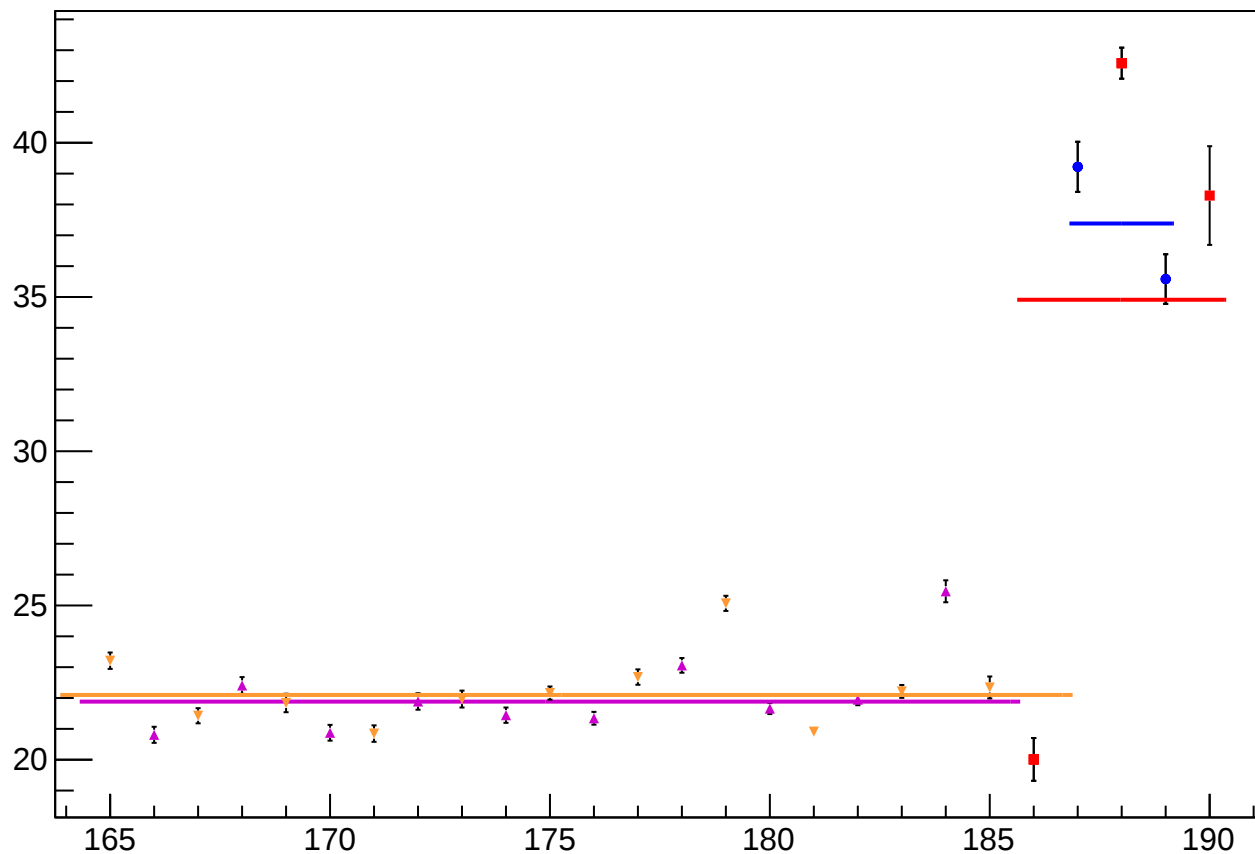
reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.081 ± 0.614 $\chi^2/\text{NDF}: 19.3/3$
 Left Out: -2.703 ± 0.063 $\chi^2/\text{NDF}: 137.3/10$
 Right Out: -4.944 ± 0.509 $\chi^2/\text{NDF}: 113.5/4$
 Left In: -2.743 ± 0.065 $\chi^2/\text{NDF}: 150.4/9$

Left: -2.722 ± 0.045 $\chi^2/\text{NDF}: 287.8/20$
 Right: -3.778 ± 0.392 $\chi^2/\text{NDF}: 145.7/8$
 In: -2.736 ± 0.065 $\chi^2/\text{NDF}: 170.8/13$
 Out: -2.737 ± 0.063 $\chi^2/\text{NDF}: 269.9/15$
 All: -2.736 ± 0.045 $\chi^2/\text{NDF}: 440.7/29$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 21.994 $\pm$ 0.051 χ^2/NDF : 433.9/20

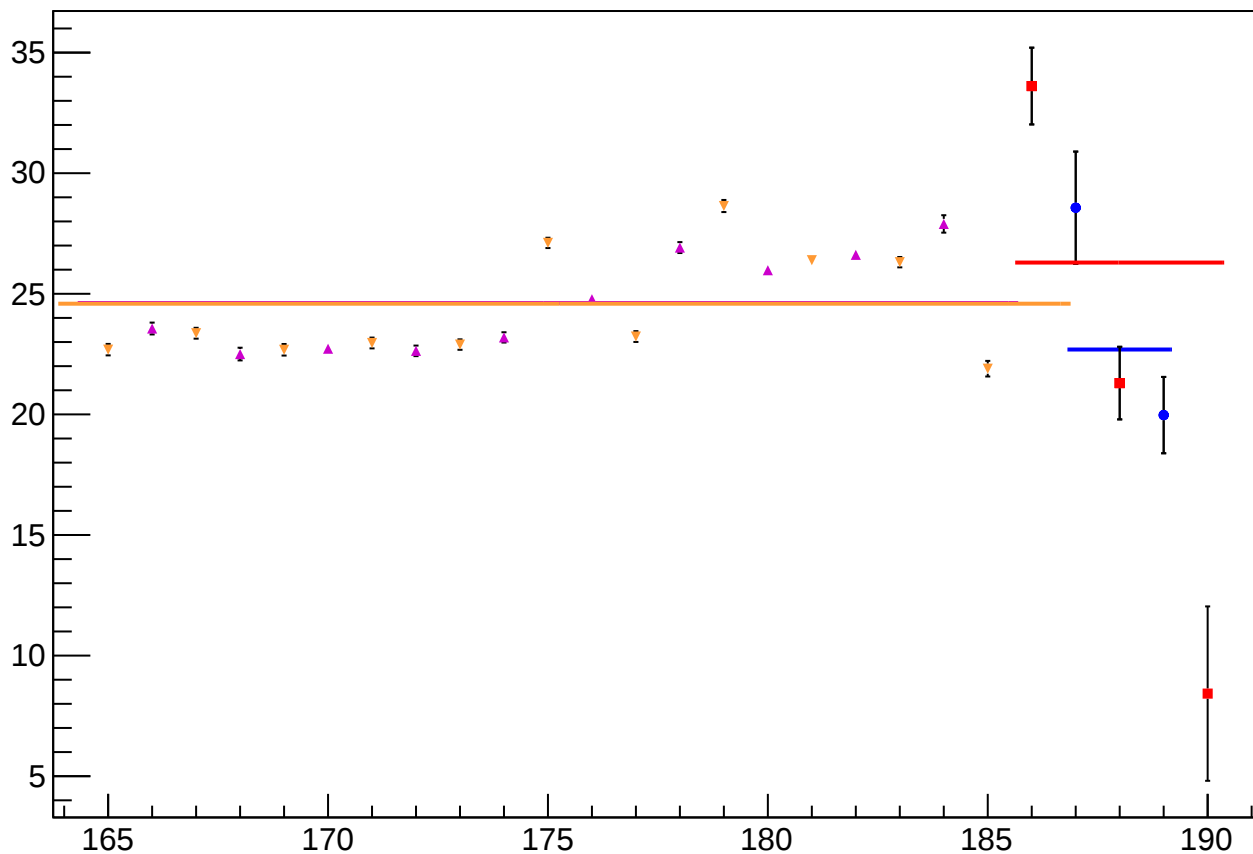
Right: 35.725 $\pm$ 0.232 χ^2/NDF : 1438.2/8

In: 22.381 $\pm$ 0.072 χ^2/NDF : 1617.3/13

Out: 22.872 $\pm$ 0.070 χ^2/NDF : 3570.4/15

All: 22.636 $\pm$ 0.050 χ^2/NDF : 5211.6/29

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 24.603 $\pm$ 0.049 χ^2 /NDF: 1578.9/20

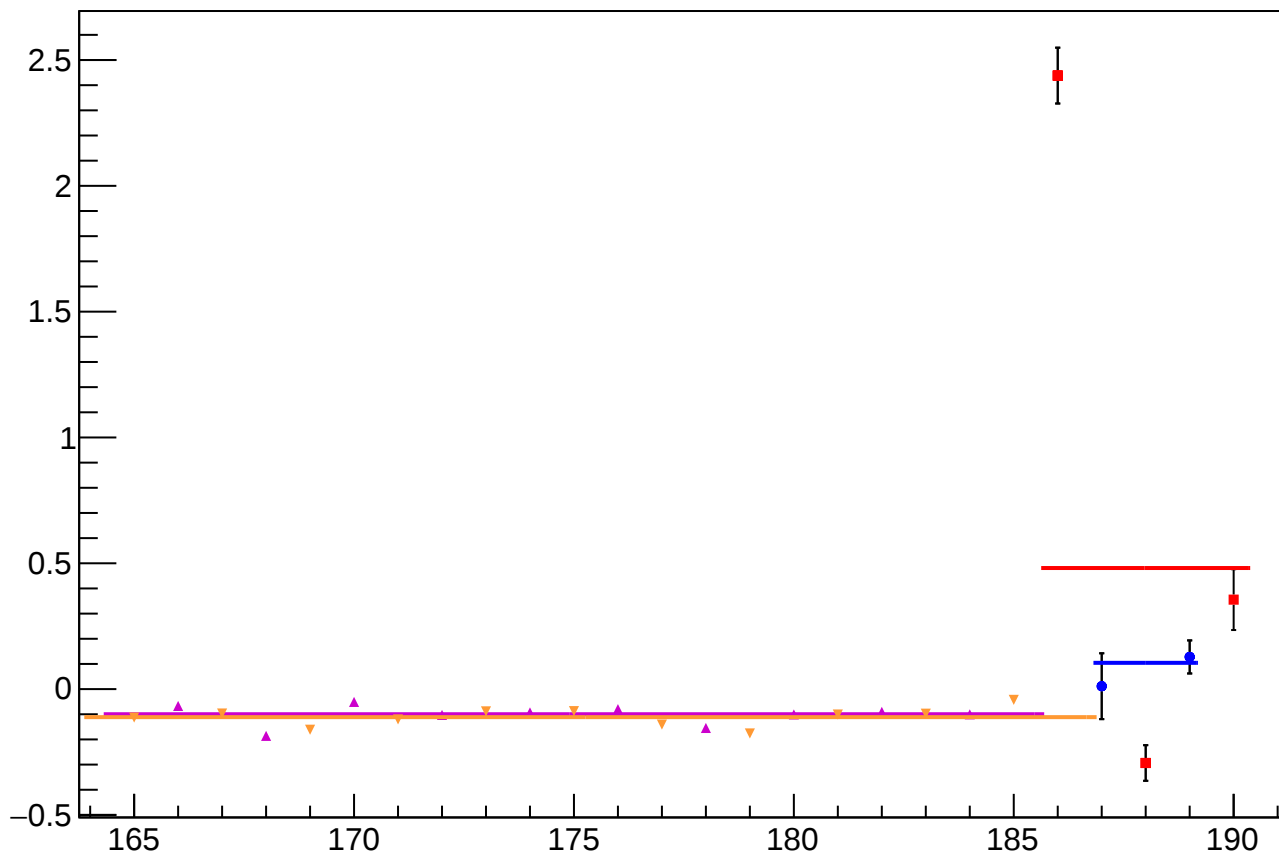
Right: 24.852 $\pm$ 0.586 χ^2 /NDF: 116.5/8

In: 24.607 $\pm$ 0.070 χ^2 /NDF:660.9/13

Out: 24.603 $\pm$ 0.068 χ^2 /NDF:1034.7/15

All: 24.605 $\pm$ 0.049 χ^2 /NDF: 1695.6/29

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.104 ± 0.042 $\chi^2/\text{NDF}: 1.3/3$

Left Out: -0.111 ± 0.003 $\chi^2/\text{NDF}: 108.9/10$

Right Out: 0.481 ± 0.040 $\chi^2/\text{NDF}: 863.0/4$

Left In: -0.100 ± 0.003 $\chi^2/\text{NDF}: 137.2/9$

Left: -0.106 ± 0.002 $\chi^2/\text{NDF}: 253.3/20$

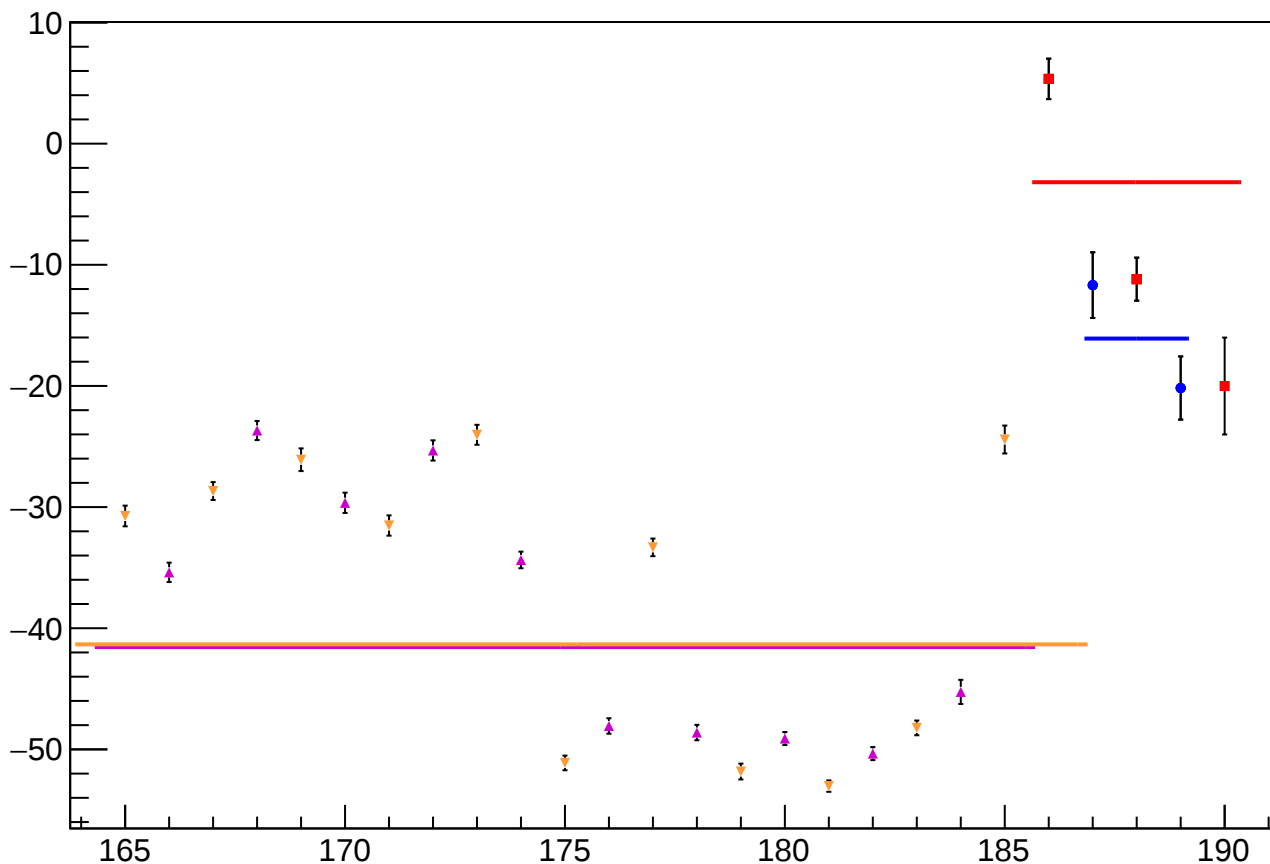
Right: 0.301 ± 0.029 $\chi^2/\text{NDF}: 907.1/8$

In: -0.099 ± 0.003 $\chi^2/\text{NDF}: 162.6/13$

Out: -0.108 ± 0.003 $\chi^2/\text{NDF}: 1192.0/15$

All: -0.103 ± 0.002 $\chi^2/\text{NDF}: 1359.2/29$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



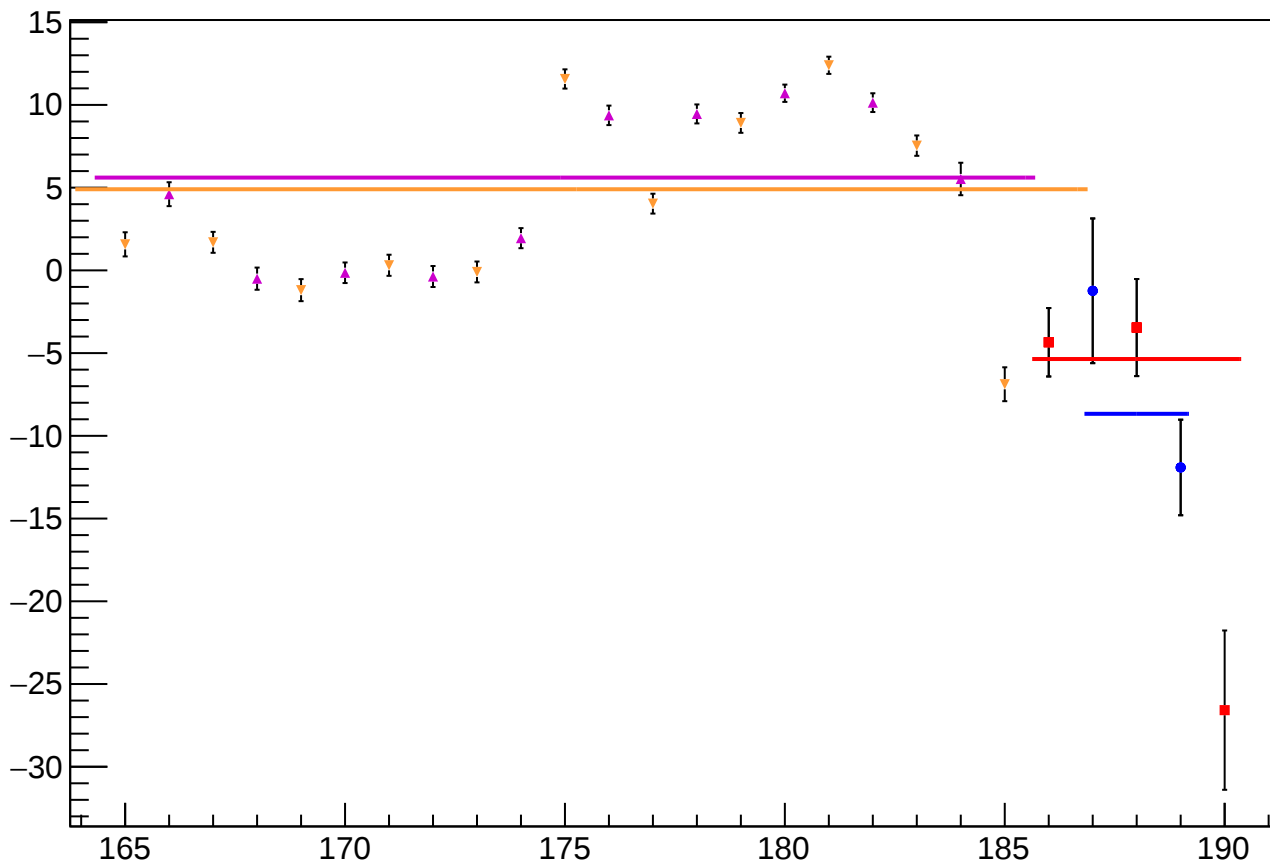
Right In: -16.089+/-1.329 χ^2/NDF : 10.2/3
 Left Out: -41.333+/-0.212 χ^2/NDF : 2892.1/10
 Right Out: -3.183+/-0.841 χ^2/NDF : 110.5/4
 Left In: -41.551+/-0.218 χ^2/NDF : 1967.7/9

Left: -41.439+/-0.152 χ^2/NDF : 4860.4/20
 Right: -6.873+/-0.711 χ^2/NDF : 188.1/8

In: -40.883+/-0.215 χ^2/NDF : 2335.4/13
 Out: -39.046+/-0.206 χ^2/NDF : 4937.3/15

All: -39.924+/-0.149 χ^2/NDF : 7310.7/29

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.669 ± 1.704 χ^2/NDF : 8.3/3

Left Out: 4.903 ± 0.191 χ^2/NDF : 781.5/10

Right Out: -5.358 ± 1.160 χ^2/NDF : 20.8/4

Left In: 5.608 ± 0.197 χ^2/NDF : 540.7/9

Left: 5.244 ± 0.137 χ^2/NDF : 1328.8/20

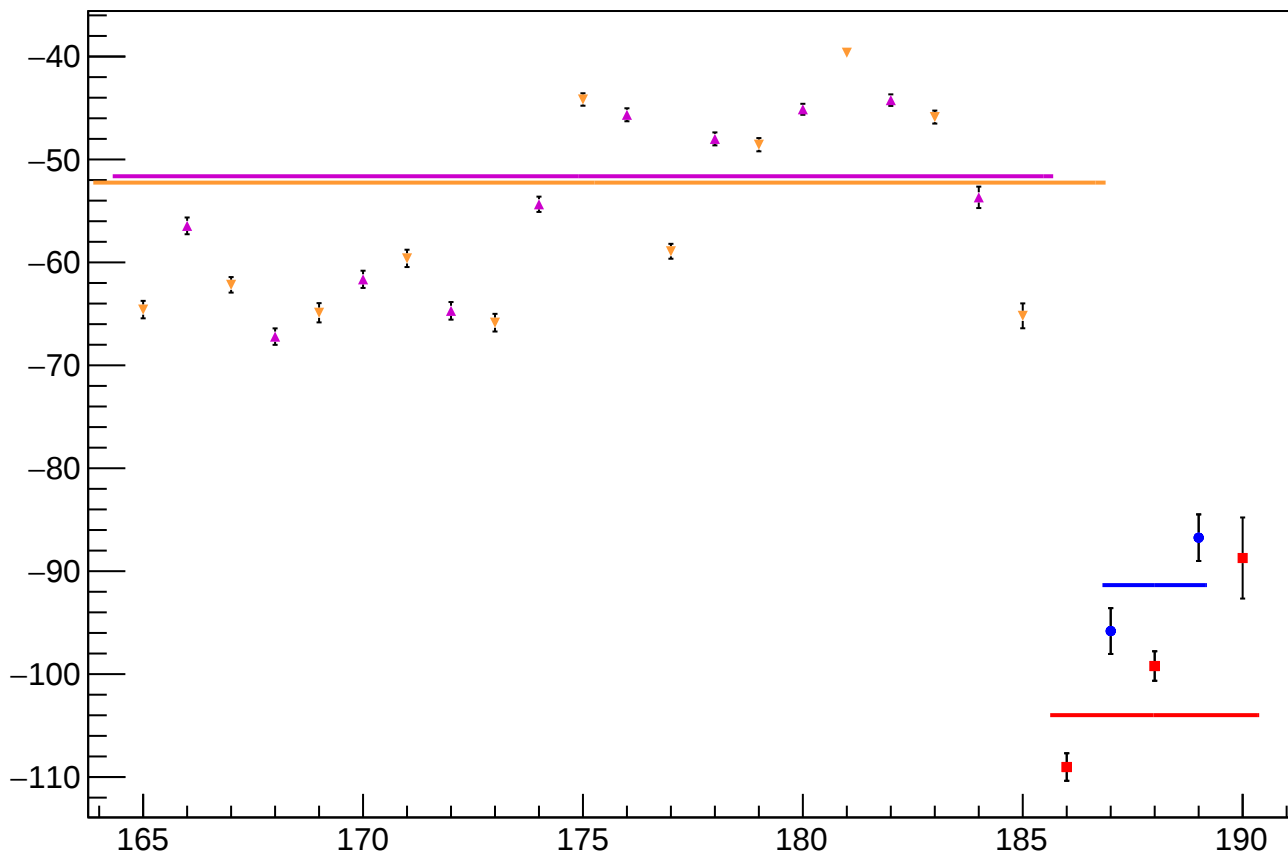
Right: -6.406 ± 0.959 χ^2/NDF : 31.6/8

In: 5.419 ± 0.196 χ^2/NDF : 618.3/13

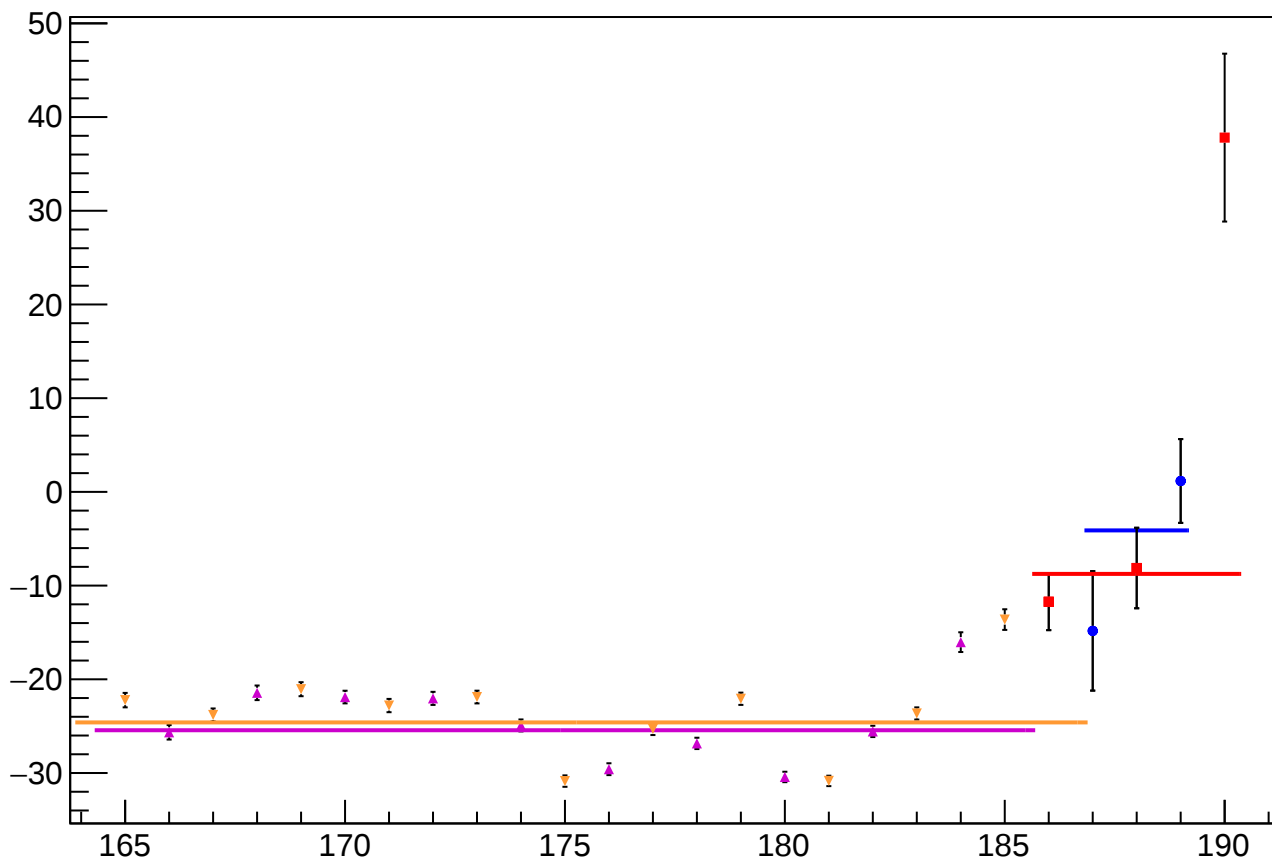
Out: 4.632 ± 0.188 χ^2/NDF : 878.5/15

All: 5.010 ± 0.136 χ^2/NDF : 1505.1/29

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



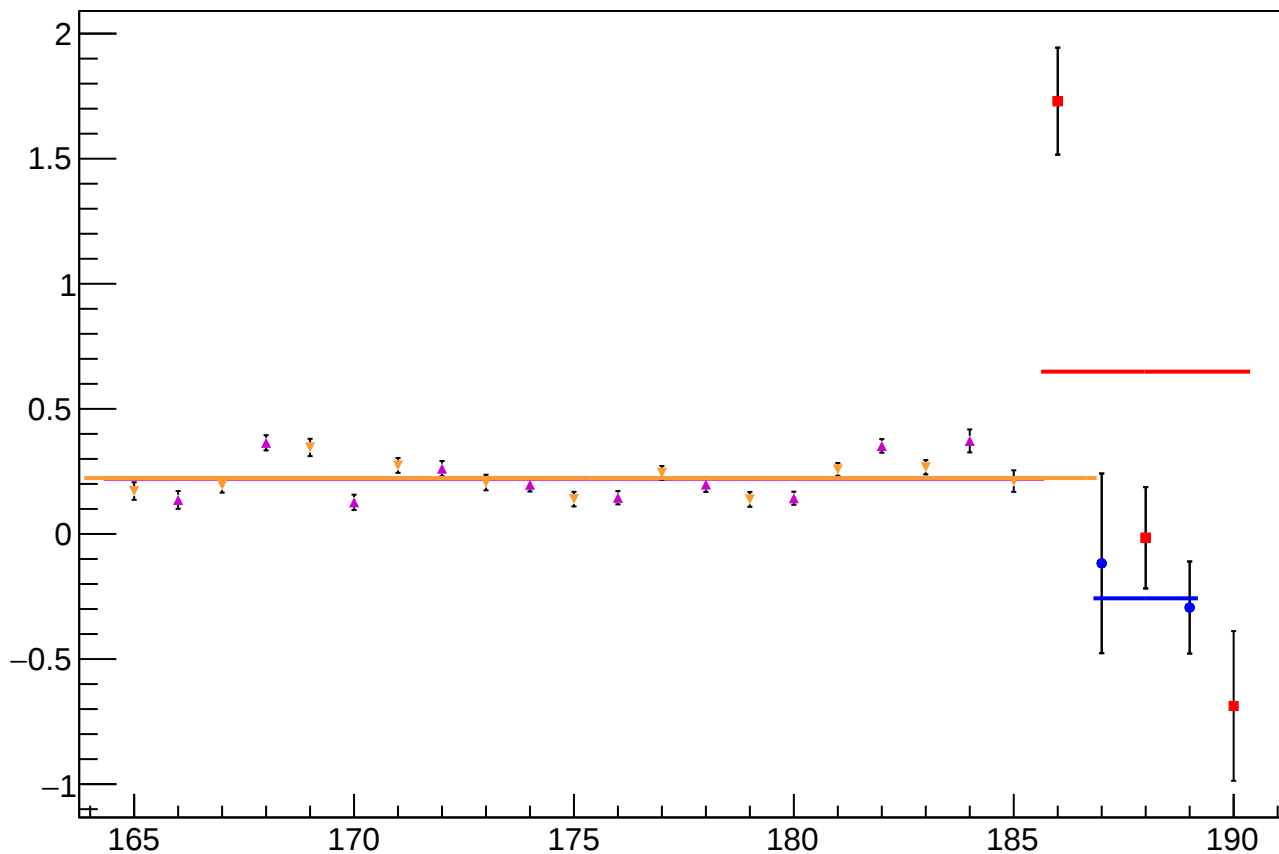
reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 286.7/9$

Left: -25.006 ± 0.148 $\chi^2/\text{NDF}: 698.7/20$
 Right: -7.332 ± 1.431 $\chi^2/\text{NDF}: 39.7/8$
 In: -25.293 ± 0.212 $\chi^2/\text{NDF}: 362.6/13$
 Out: -24.375 ± 0.205 $\chi^2/\text{NDF}: 516.9/15$
 All: -24.819 ± 0.147 $\chi^2/\text{NDF}: 889.2/29$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 91.0/9$

Left: 0.222 ± 0.007 $\chi^2/\text{NDF}: 130.8/20$

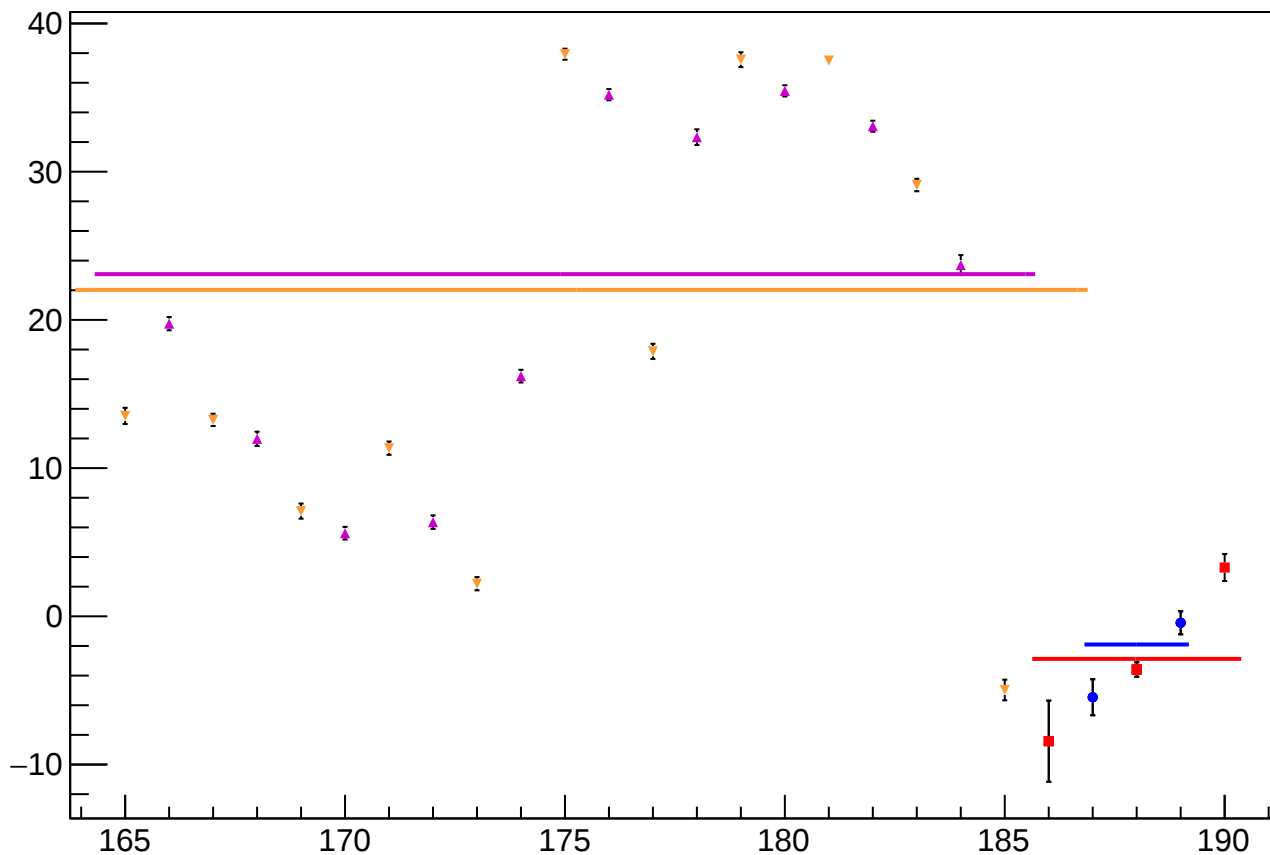
Right: 0.270 ± 0.075 $\chi^2/\text{NDF}: 128.6/8$

In: 0.218 ± 0.009 $\chi^2/\text{NDF}: 108.3/13$

Out: 0.227 ± 0.009 $\chi^2/\text{NDF}: 151.0/15$

All: 0.223 ± 0.007 $\chi^2/\text{NDF}: 259.8/29$

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



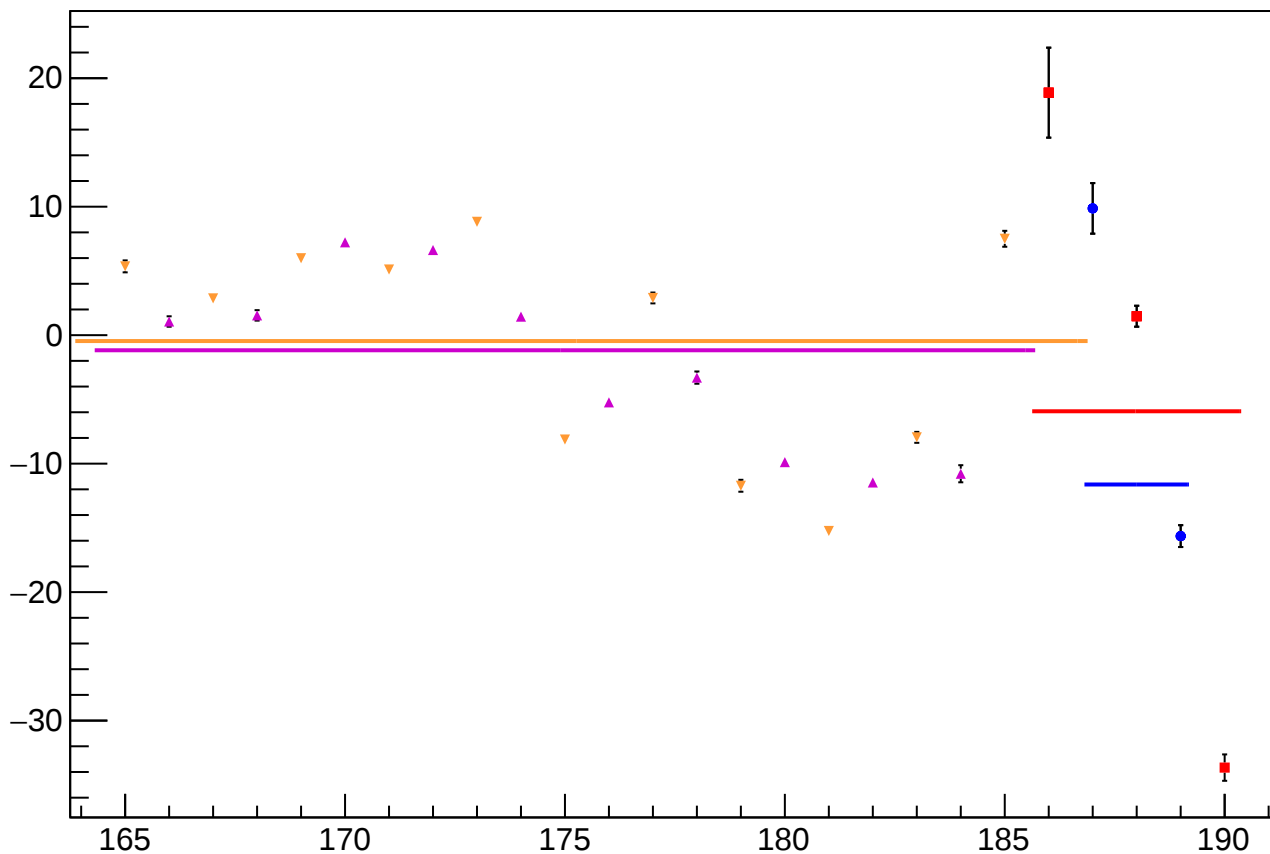
Right In: -1.900 ± 0.463 $\chi^2/\text{NDF}: 24.3/3$
 Left Out: 22.027 ± 0.135 $\chi^2/\text{NDF}: 10913.6/10$
 Right Out: -2.871 ± 0.320 $\chi^2/\text{NDF}: 58.2/4$
 Left In: 23.088 ± 0.139 $\chi^2/\text{NDF}: 6955.9/9$

Left: 22.543 ± 0.097 $\chi^2/\text{NDF}: 17899.6/20$
 Right: -2.557 ± 0.264 $\chi^2/\text{NDF}: 85.5/8$

In: 21.027 ± 0.133 $\chi^2/\text{NDF}: 9650.6/13$
 Out: 18.272 ± 0.124 $\chi^2/\text{NDF}: 16099.2/15$

All: 19.557 ± 0.091 $\chi^2/\text{NDF}: 25978.4/29$

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -0.803 ± 0.086 χ^2/NDF : 7719.4/20

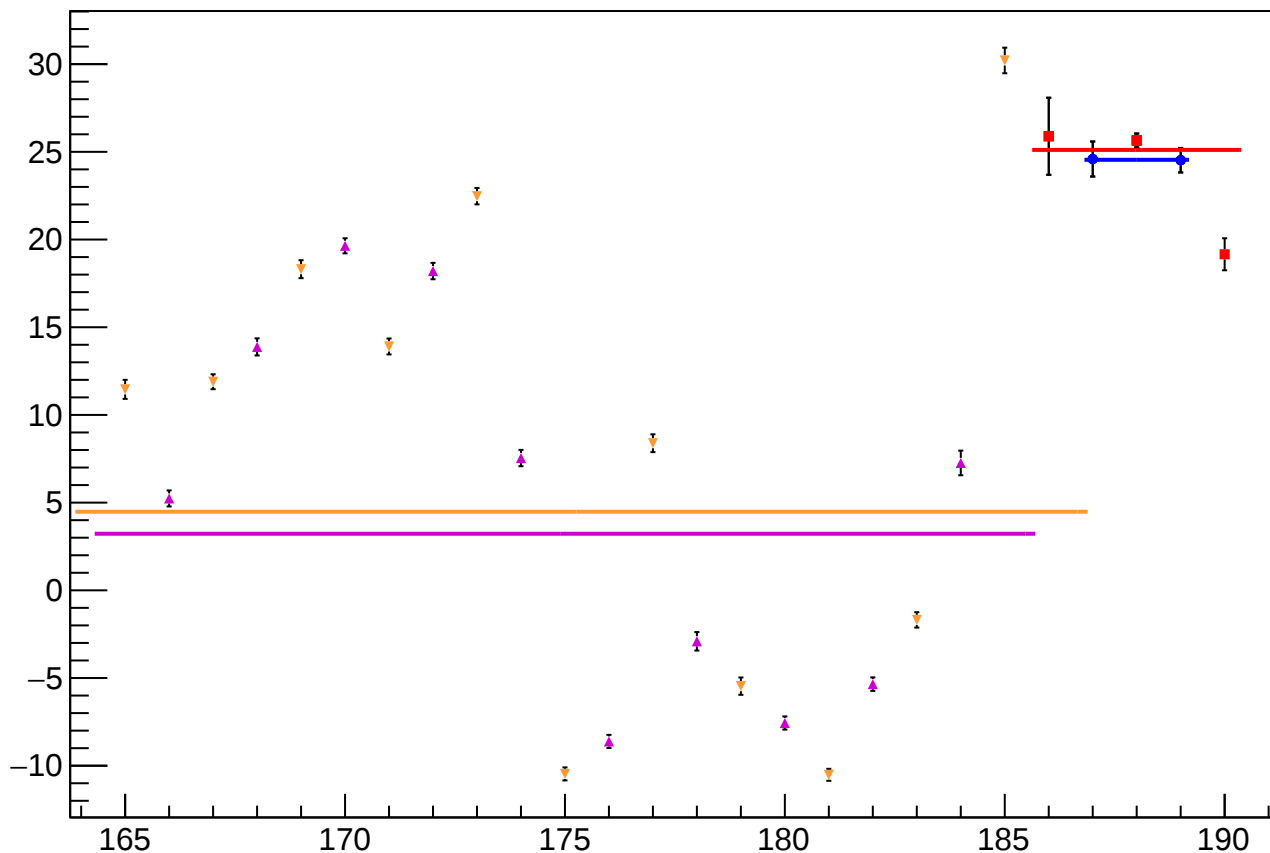
Right: -8.450 ± 0.368 χ^2/NDF : 1336.3/8

In: -1.675 ± 0.121 χ^2/NDF : 3533.8/13

Out: -0.760 ± 0.116 χ^2/NDF : 5902.2/15

All: -1.198 ± 0.084 χ^2/NDF : 9465.9/29

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 3.872 $\pm$ 0.098 χ^2/NDF : 14155.7/20

Right: 24.942 $\pm$ 0.222 χ^2/NDF : 47.8/8

In: 5.543 $\pm$ 0.133 χ^2/NDF : 8020.1/13

Out: 8.856 $\pm$ 0.122 χ^2/NDF : 13400.4/15

All: 7.349 $\pm$ 0.090 χ^2/NDF : 21756.7/29

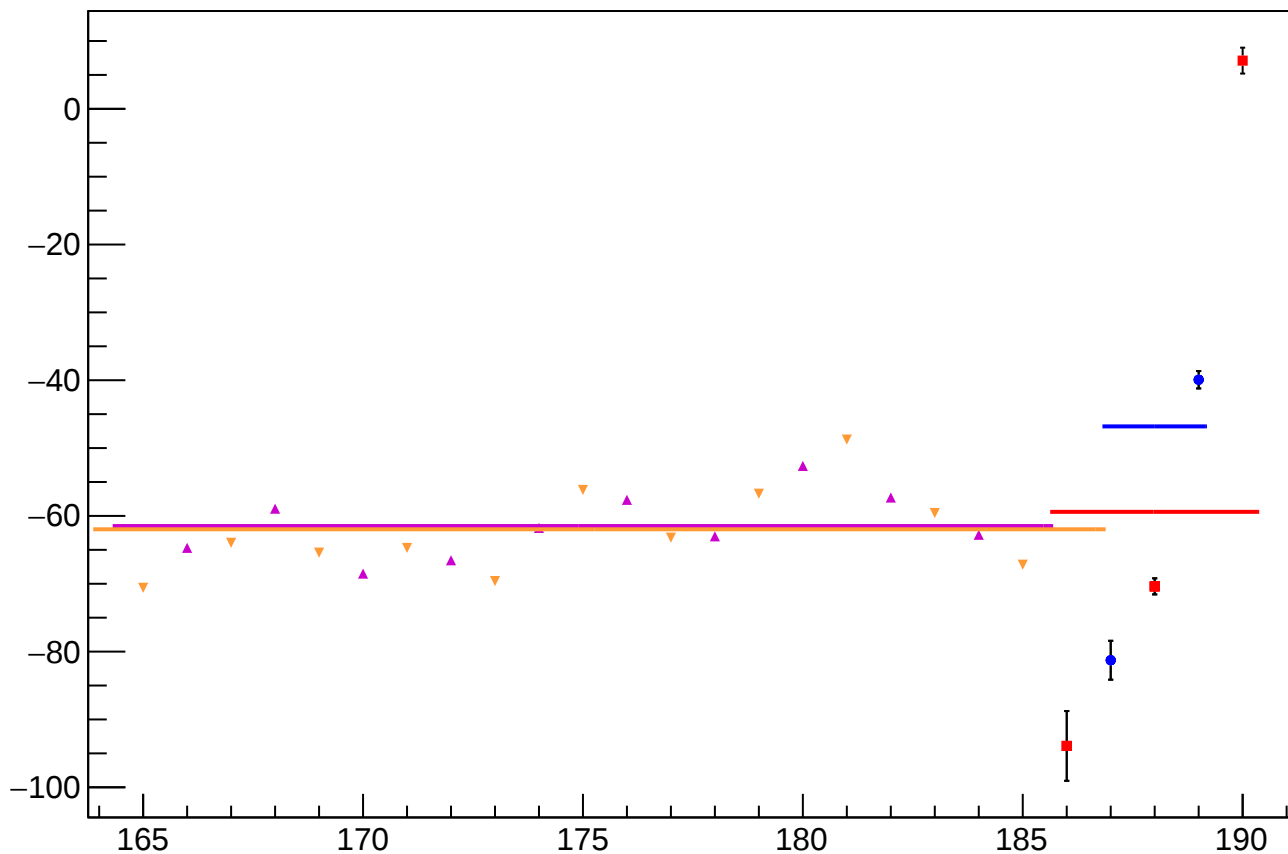
Right In: 24.546 $\pm$ 0.405 χ^2/NDF : 0.0/3

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

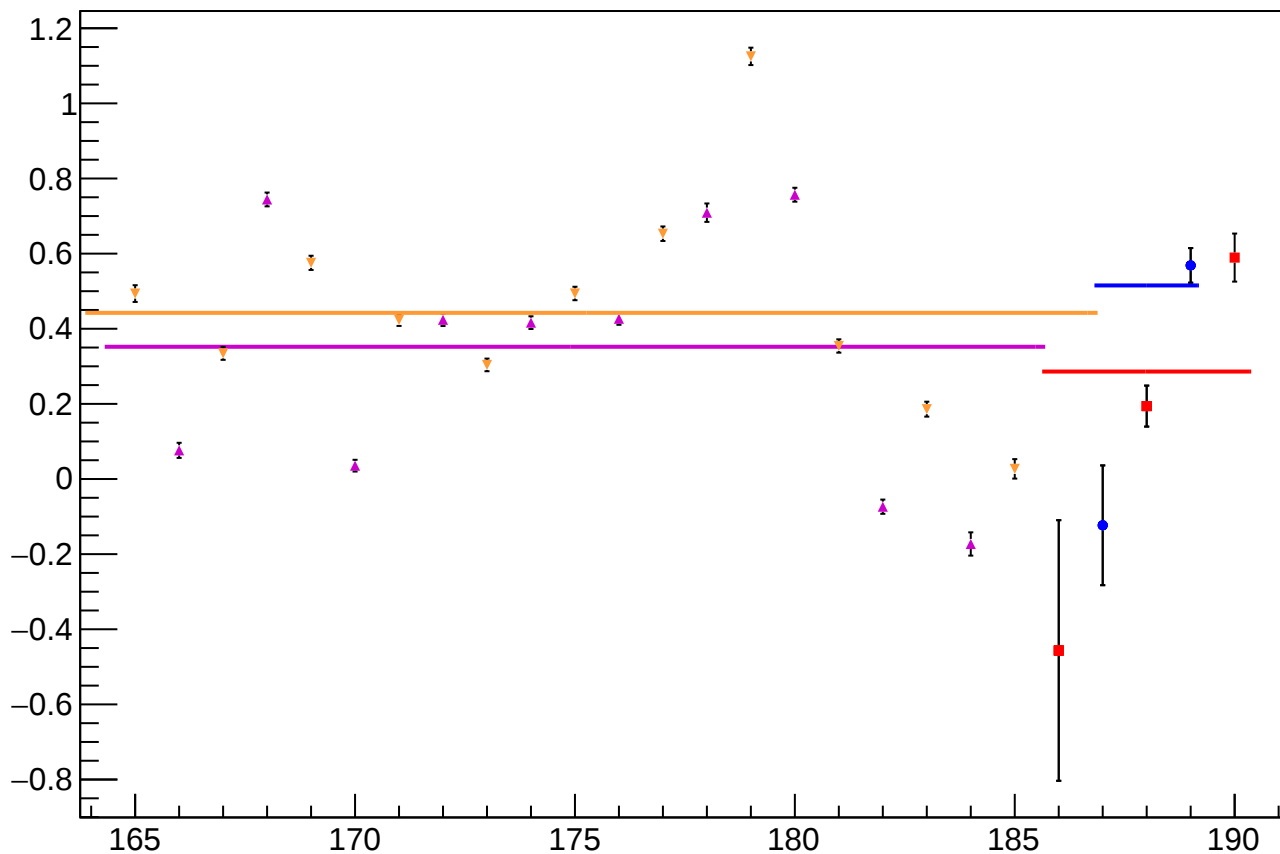
reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: -61.742 ± 0.093 χ^2/NDF : 3877.3/20
 Right: -53.705 ± 0.556 χ^2/NDF : 1949.5/8
 In: -61.119 ± 0.132 χ^2/NDF : 2040.1/13
 Out: -61.899 ± 0.127 χ^2/NDF : 3972.0/15
 All: -61.524 ± 0.091 χ^2/NDF : 6030.3/29

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.398 $\pm$ 0.004 χ^2 /NDF: 4317.7/20

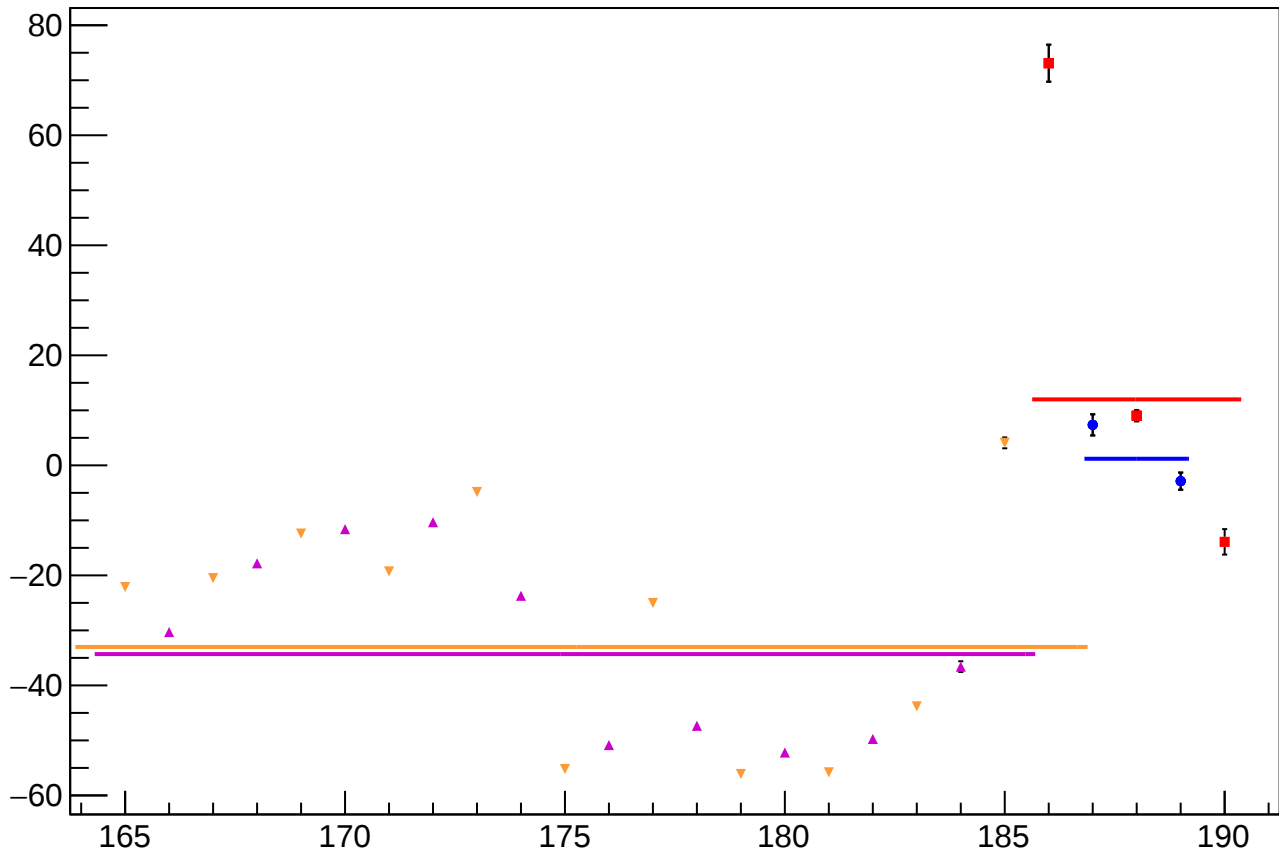
Right: 0.406 $\pm$ 0.023 χ^2 /NDF: 97.7/8

In: 0.358 $\pm$ 0.006 χ^2 /NDF:2650.5/13

Out: 0.438 $\pm$ 0.006 χ^2 /NDF:1666.7/15

All: 0.399 $\pm$ 0.004 χ^2 /NDF: 4415.5/29

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.199 ± 0.857 $\chi^2/\text{NDF}: 34.2/3$

Left Out: -33.012 ± 0.187 $\chi^2/\text{NDF}: 11392.7/10$

Right Out: 11.991 ± 0.651 $\chi^2/\text{NDF}: 800.8/4$

Left In: -34.310 ± 0.192 $\chi^2/\text{NDF}: 7209.3/9$

Left: -33.642 ± 0.134 $\chi^2/\text{NDF}: 18625.4/20$

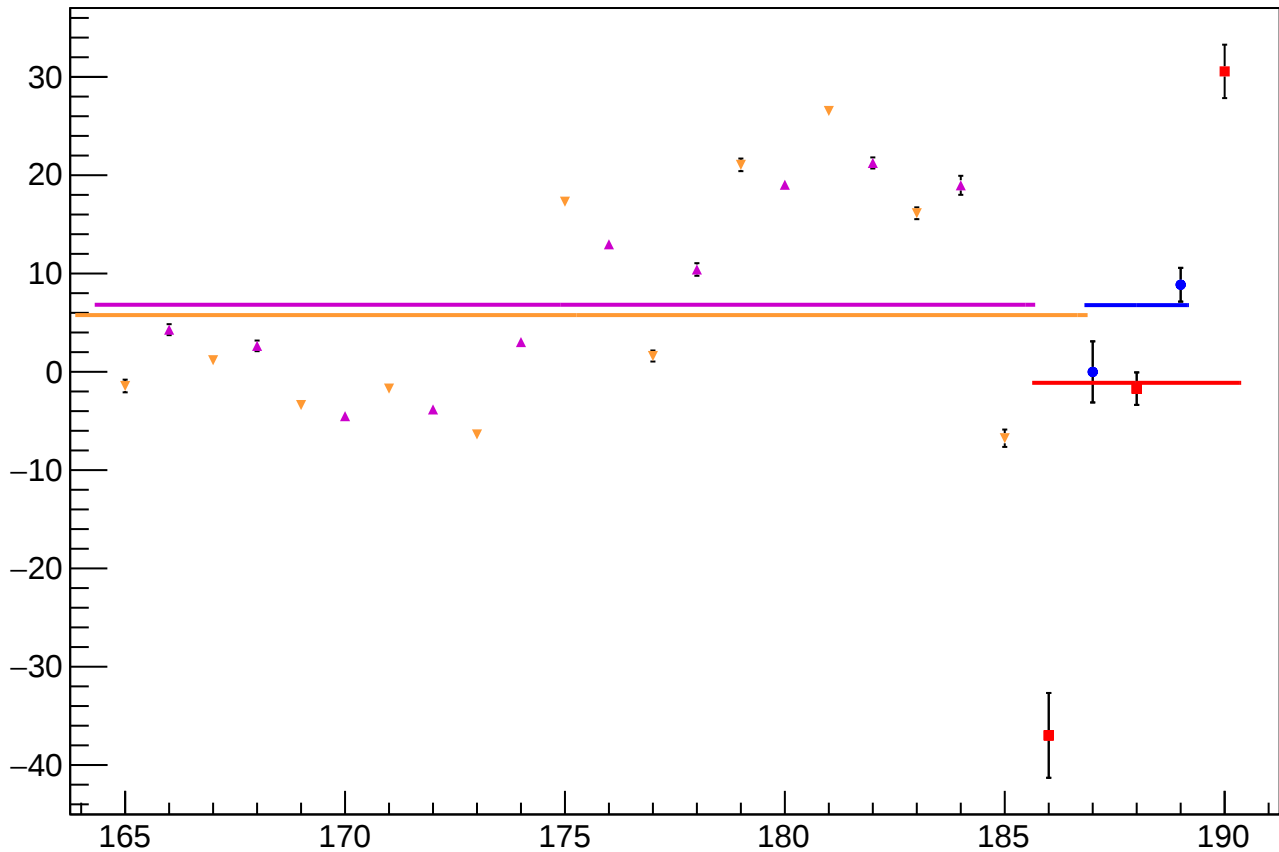
Right: 8.041 ± 0.518 $\chi^2/\text{NDF}: 935.7/8$

In: -32.605 ± 0.188 $\chi^2/\text{NDF}: 8879.6/13$

Out: -29.582 ± 0.180 $\chi^2/\text{NDF}: 16611.0/15$

All: -31.027 ± 0.130 $\chi^2/\text{NDF}: 25625.8/29$

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.785 $\pm$ 1.063 χ^2 /NDF: 12.5/3

Left Out: 5.770 $\pm$ 0.164 χ^2 /NDF: 4760.7/10

Right Out: -1.119 $\pm$ 1.013 χ^2 /NDF: 274.3/4

Left In: 6.821 $\pm$ 0.171 χ^2 /NDF: 2818.5/9

Left: 6.275 $\pm$ 0.118 χ^2 /NDF: 7598.9/20

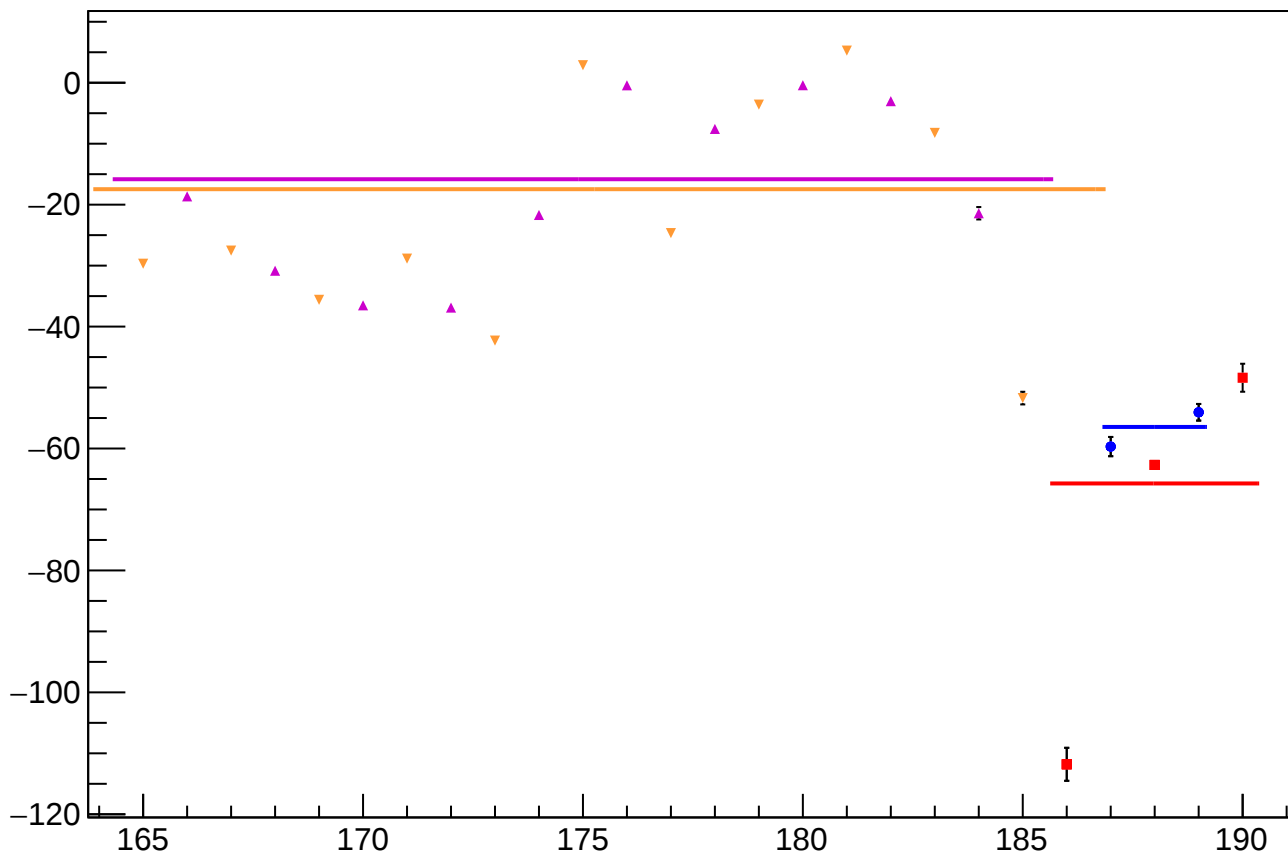
Right: 2.642 $\pm$ 0.733 χ^2 /NDF: 315.8/8

In: 6.820 $\pm$ 0.169 χ^2 /NDF: 2830.9/13

Out: 5.594 $\pm$ 0.162 χ^2 /NDF: 5080.1/15

All: 6.182 $\pm$ 0.117 χ^2 /NDF: 7938.6/29

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



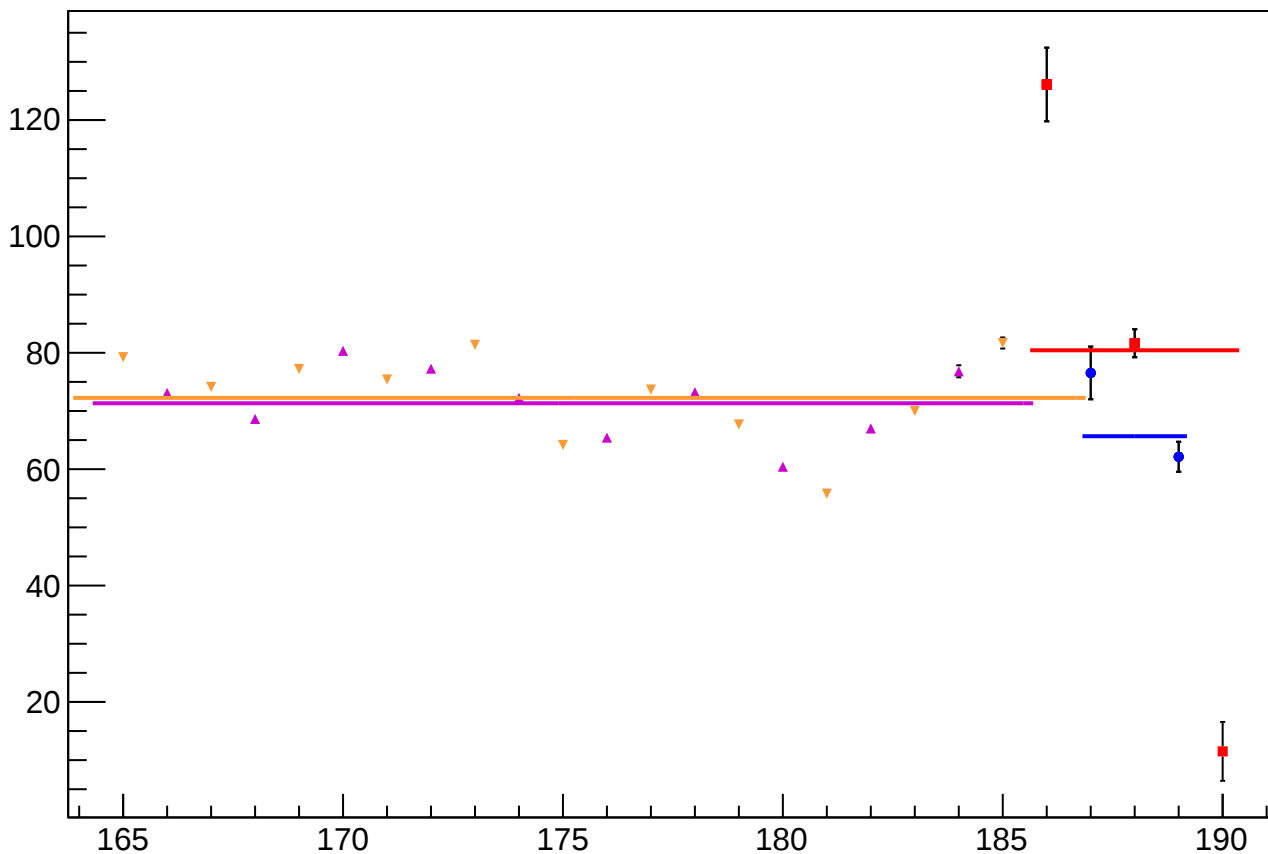
Right In: -56.462 ± 0.730 $\chi^2/\text{NDF}: 14.5/3$
 Left Out: -17.463 ± 0.190 $\chi^2/\text{NDF}: 8681.6/10$
 Right Out: -65.732 ± 0.533 $\chi^2/\text{NDF}: 665.1/4$
 Left In: -15.829 ± 0.196 $\chi^2/\text{NDF}: 5304.5/9$

Left: -16.670 ± 0.136 $\chi^2/\text{NDF}: 14021.9/20$
 Right: -62.512 ± 0.430 $\chi^2/\text{NDF}: 784.9/8$

In: -18.556 ± 0.189 $\chi^2/\text{NDF}: 8209.0/13$
 Out: -22.914 ± 0.179 $\chi^2/\text{NDF}: 16632.3/15$

All: -20.855 ± 0.130 $\chi^2/\text{NDF}: 25121.4/29$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.665 ± 1.586 $\chi^2/\text{NDF}: 15.3/3$

Left Out: 72.255 ± 0.178 $\chi^2/\text{NDF}: 1854.0/10$

Right Out: 80.434 ± 1.519 $\chi^2/\text{NDF}: 290.6/4$

Left In: 71.324 ± 0.185 $\chi^2/\text{NDF}: 1101.4/9$

Left: 71.807 ± 0.128 $\chi^2/\text{NDF}: 2968.6/20$

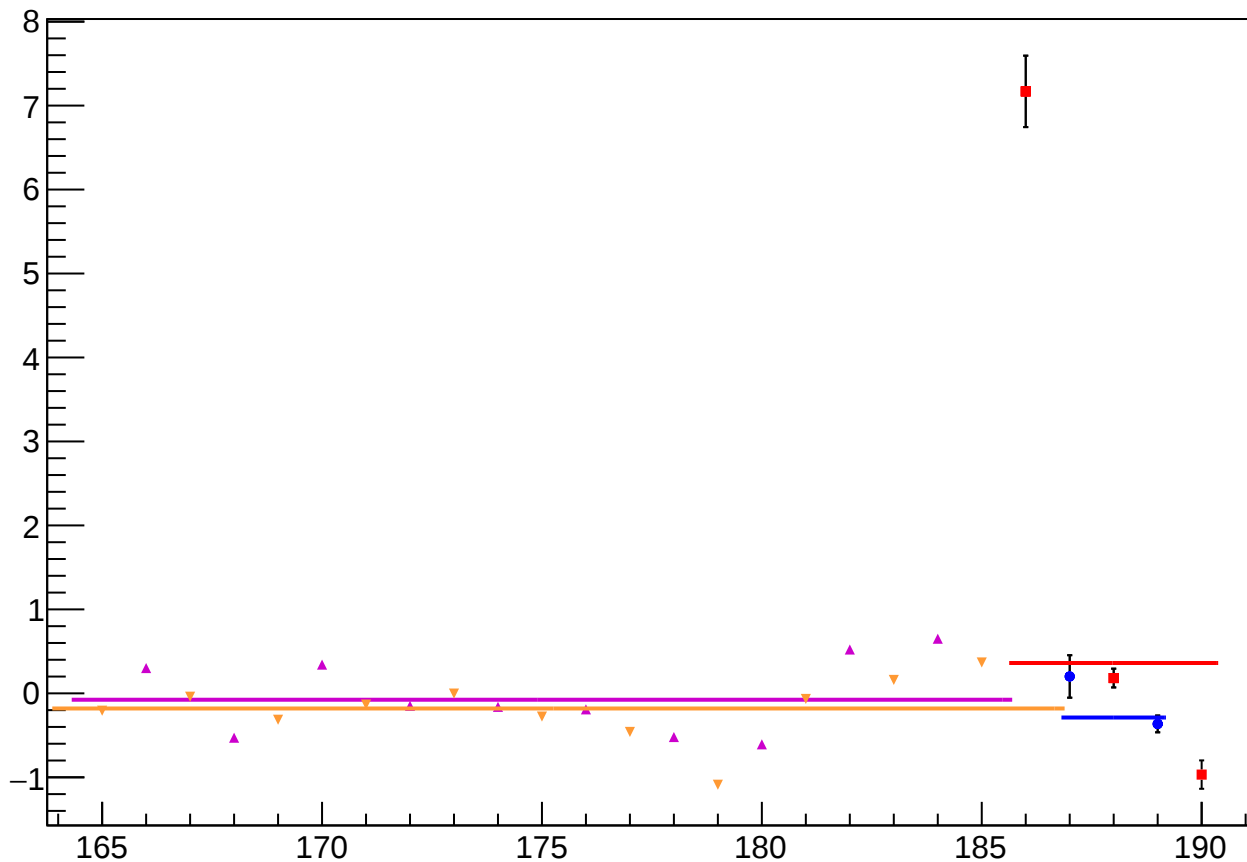
Right: 73.369 ± 1.097 $\chi^2/\text{NDF}: 351.1/8$

In: 71.249 ± 0.183 $\chi^2/\text{NDF}: 1129.2/13$

Out: 72.365 ± 0.177 $\chi^2/\text{NDF}: 2173.2/15$

All: 71.828 ± 0.127 $\chi^2/\text{NDF}: 3321.7/29$

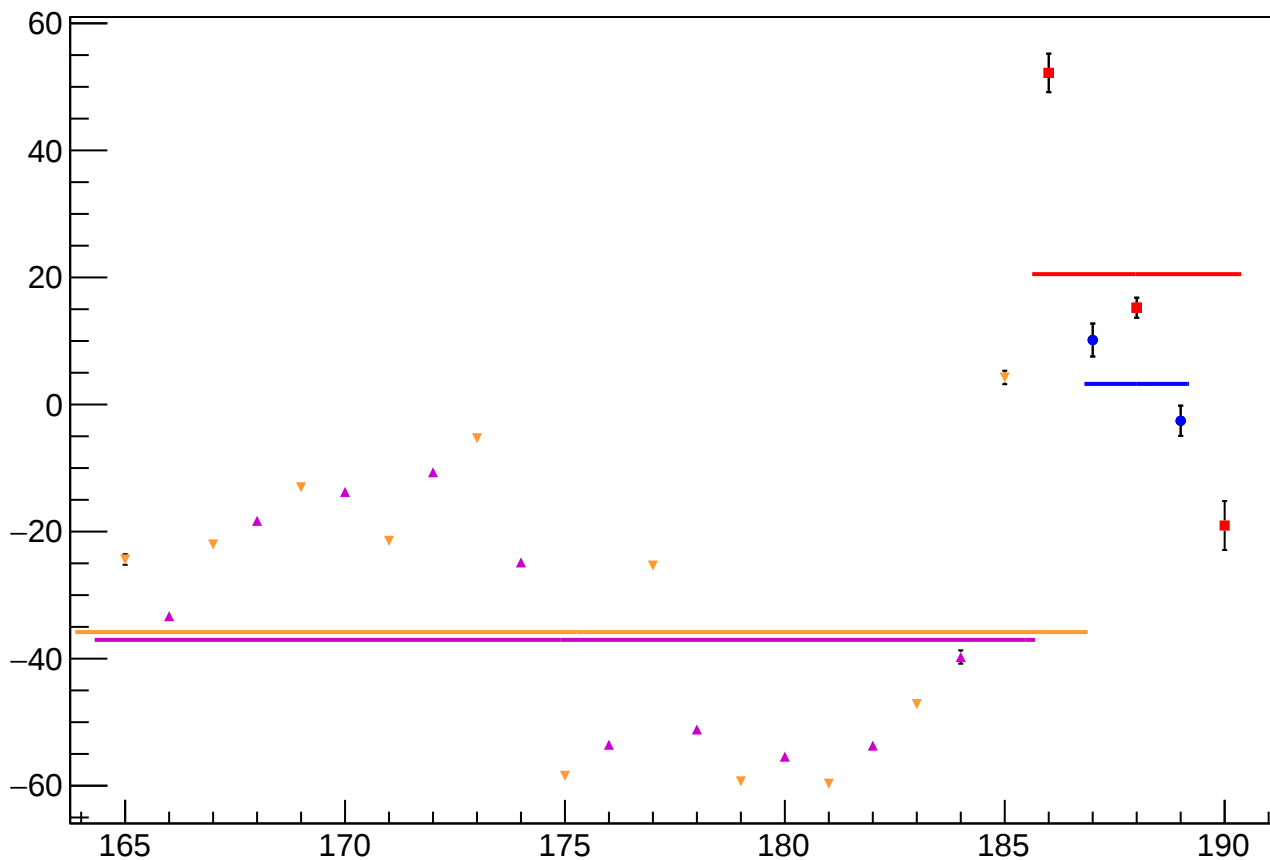
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.288 ± 0.066 $\chi^2/\text{NDF}: 8.6/3$
 Left Out: -0.180 ± 0.008 $\chi^2/\text{NDF}: 1454.0/10$
 Right Out: 0.361 ± 0.070 $\chi^2/\text{NDF}: 579.1/4$
 Left In: -0.076 ± 0.008 $\chi^2/\text{NDF}: 2286.9/9$

Left: -0.130 ± 0.006 $\chi^2/\text{NDF}: 3825.5/20$
 Right: 0.018 ± 0.048 $\chi^2/\text{NDF}: 633.8/8$
 In: -0.079 ± 0.008 $\chi^2/\text{NDF}: 2305.8/13$
 Out: -0.173 ± 0.008 $\chi^2/\text{NDF}: 2092.9/15$
 All: -0.128 ± 0.006 $\chi^2/\text{NDF}: 4468.7/29$

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.246 $\pm$ 1.241 χ^2/NDF : 26.1/3

Left Out: -35.822 $\pm$ 0.197 χ^2/NDF :11473.2/10

Right Out: 20.521 $\pm$ 0.959 χ^2/NDF : 346.2/4

Left In: -37.043 $\pm$ 0.203 χ^2/NDF :7202.1/9

Left: -36.416 $\pm$ 0.142 χ^2/NDF : 18693.9/20

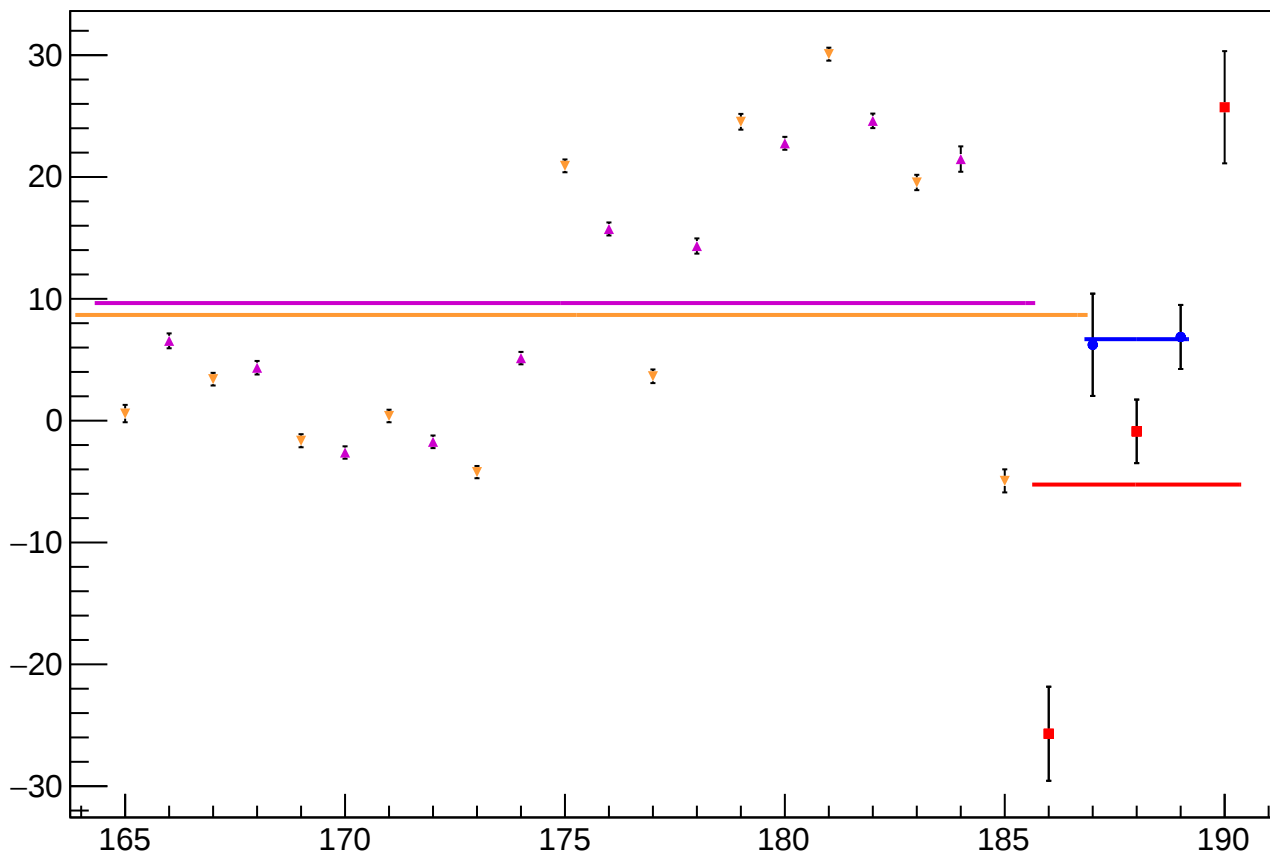
Right: 14.057 $\pm$ 0.759 χ^2/NDF : 493.6/8

In: -35.993 $\pm$ 0.200 χ^2/NDF :8255.2/13

Out: -33.533 $\pm$ 0.193 χ^2/NDF :15128.2/15

All: -34.720 $\pm$ 0.139 χ^2/NDF : 23461.5/29

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.689 ± 1.575 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 8.677 ± 0.174 $\chi^2/\text{NDF}: 4851.2/10$

Right Out: -5.245 ± 1.450 $\chi^2/\text{NDF}: 107.0/4$

Left In: 9.653 ± 0.181 $\chi^2/\text{NDF}: 2815.4/9$

Left: 9.146 ± 0.125 $\chi^2/\text{NDF}: 7681.7/20$

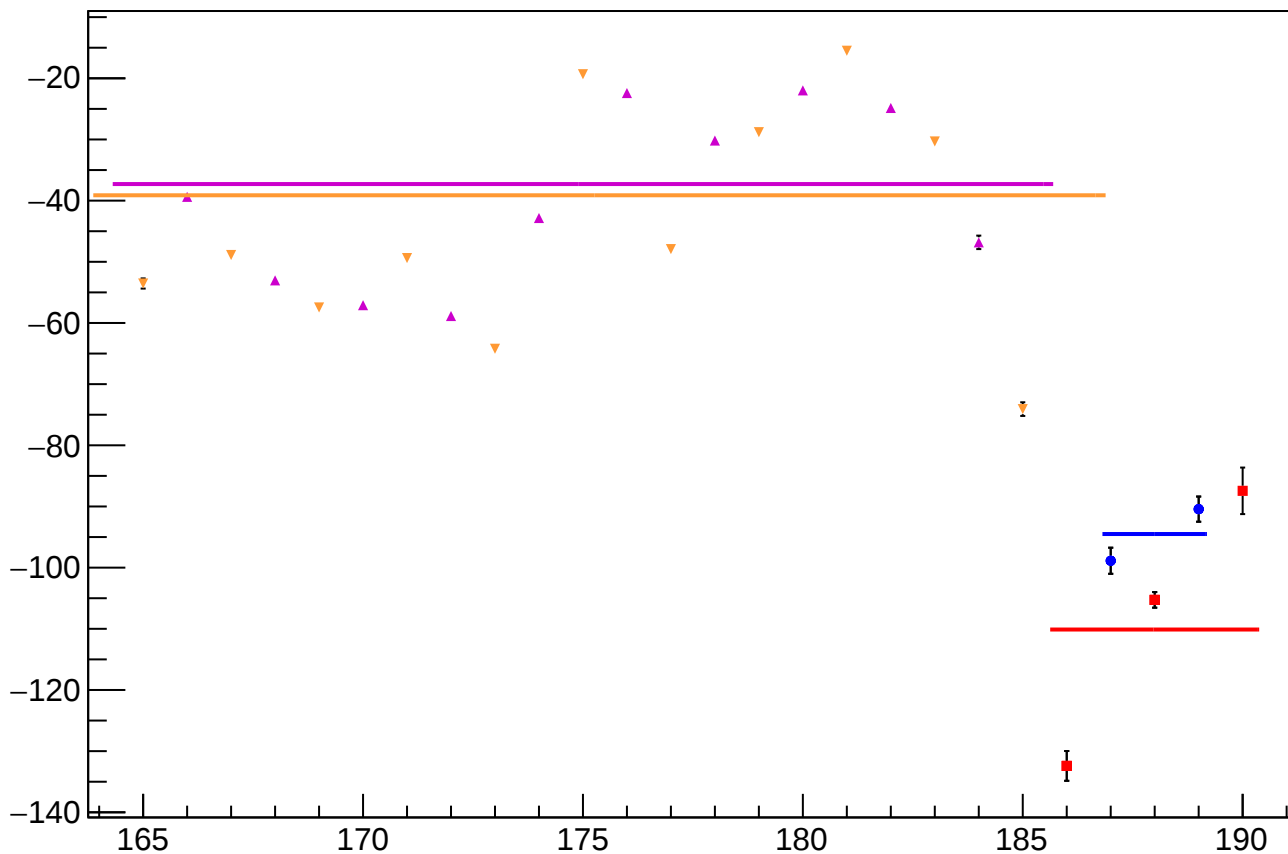
Right: 0.229 ± 1.067 $\chi^2/\text{NDF}: 138.1/8$

In: 9.614 ± 0.179 $\chi^2/\text{NDF}: 2818.9/13$

Out: 8.480 ± 0.172 $\chi^2/\text{NDF}: 5049.0/15$

All: 9.025 ± 0.124 $\chi^2/\text{NDF}: 7888.7/29$

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.503 ± 1.048 $\chi^2/\text{NDF}: 16.2/3$

Left Out: -39.124 ± 0.201 $\chi^2/\text{NDF}: 7772.7/10$

Right Out: -110.117 ± 0.782 $\chi^2/\text{NDF}: 232.1/4$

Left In: -37.288 ± 0.207 $\chi^2/\text{NDF}: 4555.4/9$

Left: -38.233 ± 0.144 $\chi^2/\text{NDF}: 12368.7/20$

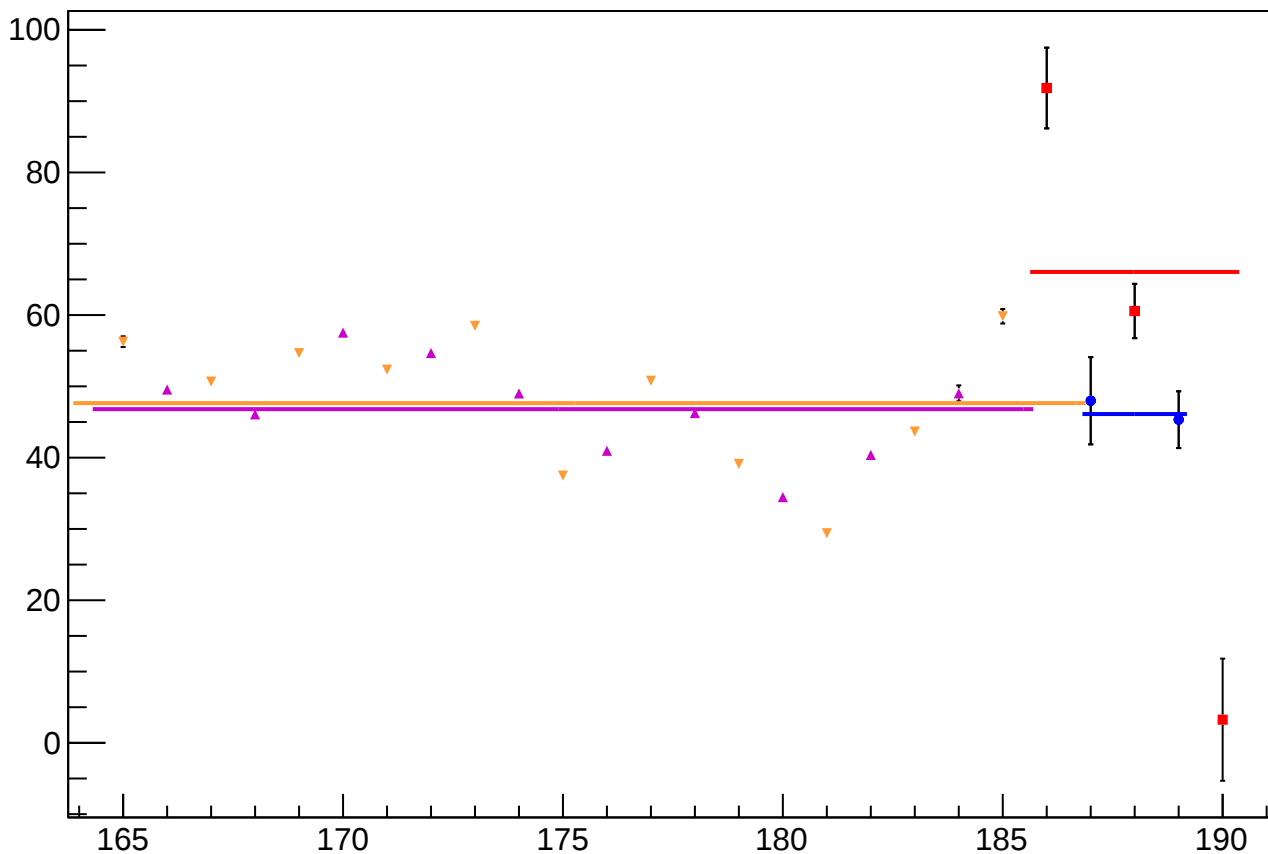
Right: -104.530 ± 0.627 $\chi^2/\text{NDF}: 390.9/8$

In: -39.433 ± 0.203 $\chi^2/\text{NDF}: 7442.5/13$

Out: -43.513 ± 0.194 $\chi^2/\text{NDF}: 15736.2/15$

All: -41.559 ± 0.140 $\chi^2/\text{NDF}: 23389.6/29$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.118 $\pm$ 2.360 χ^2 /NDF: 0.3/3

Left Out: 47.650 $\pm$ 0.188 χ^2 /NDF:2471.0/10

Right Out: 66.048 $\pm$ 2.162 χ^2 /NDF: 99.4/4

Left In: 46.803 $\pm$ 0.195 χ^2 /NDF:1292.5/9

Left: 47.242 $\pm$ 0.135 χ^2 /NDF: 3773.2/20

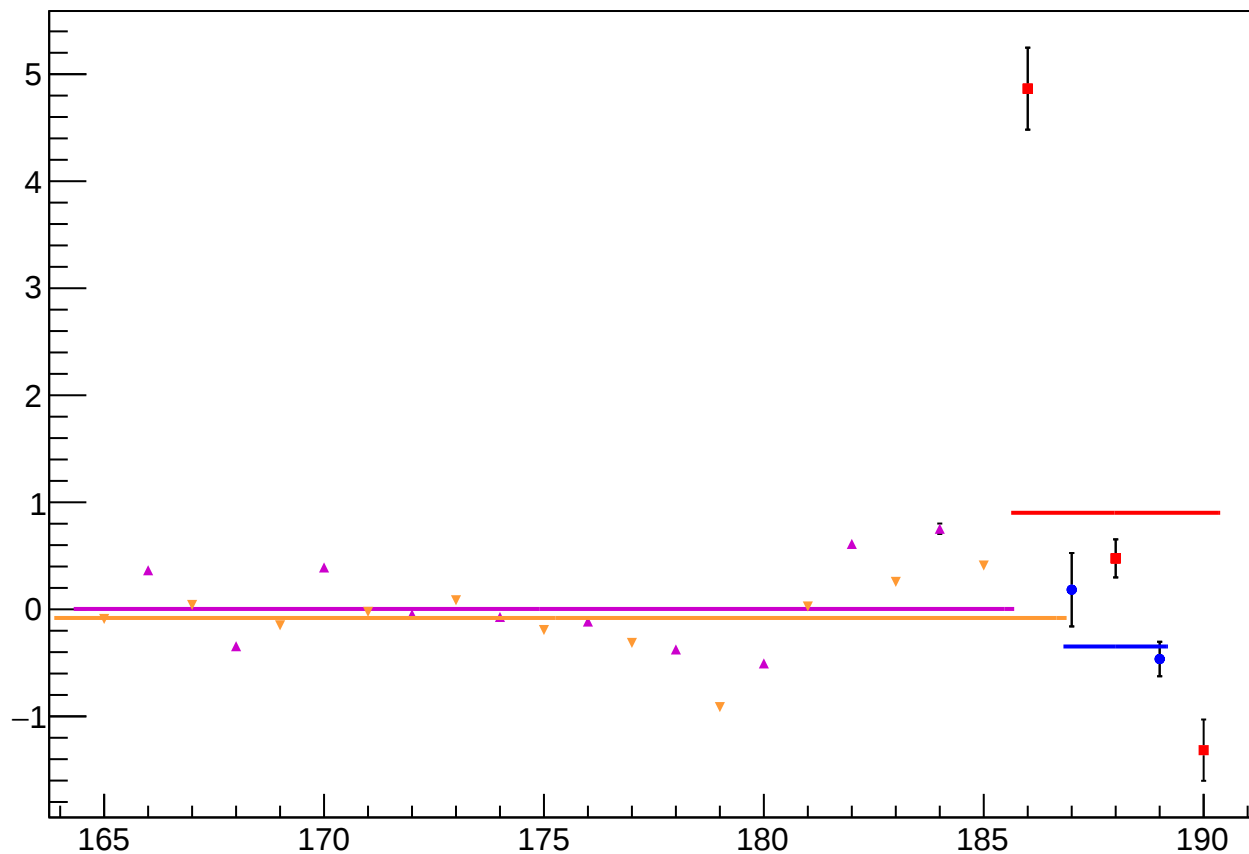
Right: 56.954 $\pm$ 1.594 χ^2 /NDF: 138.4/8

In: 46.798 $\pm$ 0.194 χ^2 /NDF:1292.8/13

Out: 47.788 $\pm$ 0.187 χ^2 /NDF:2642.3/15

All: 47.312 $\pm$ 0.135 χ^2 /NDF: 3948.5/29

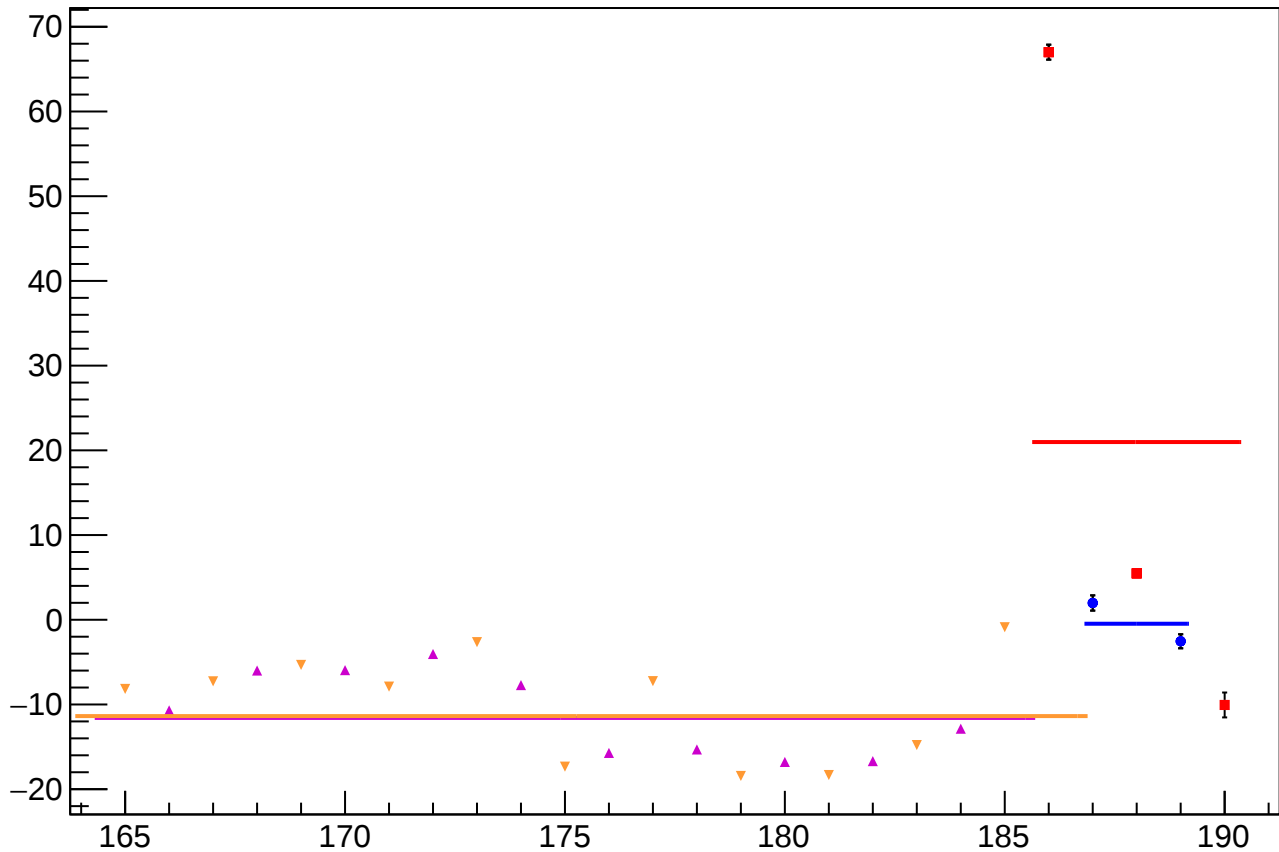
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -0.040+/-0.006 χ^2/NDF : 2994.2/20
 Right: 0.260+/-0.074 χ^2/NDF : 362.8/8
 In: 0.001+/-0.009 χ^2/NDF :1814.7/13
 Out: -0.075+/-0.008 χ^2/NDF :1518.7/15
 All: -0.038+/-0.006 χ^2/NDF : 3373.5/29

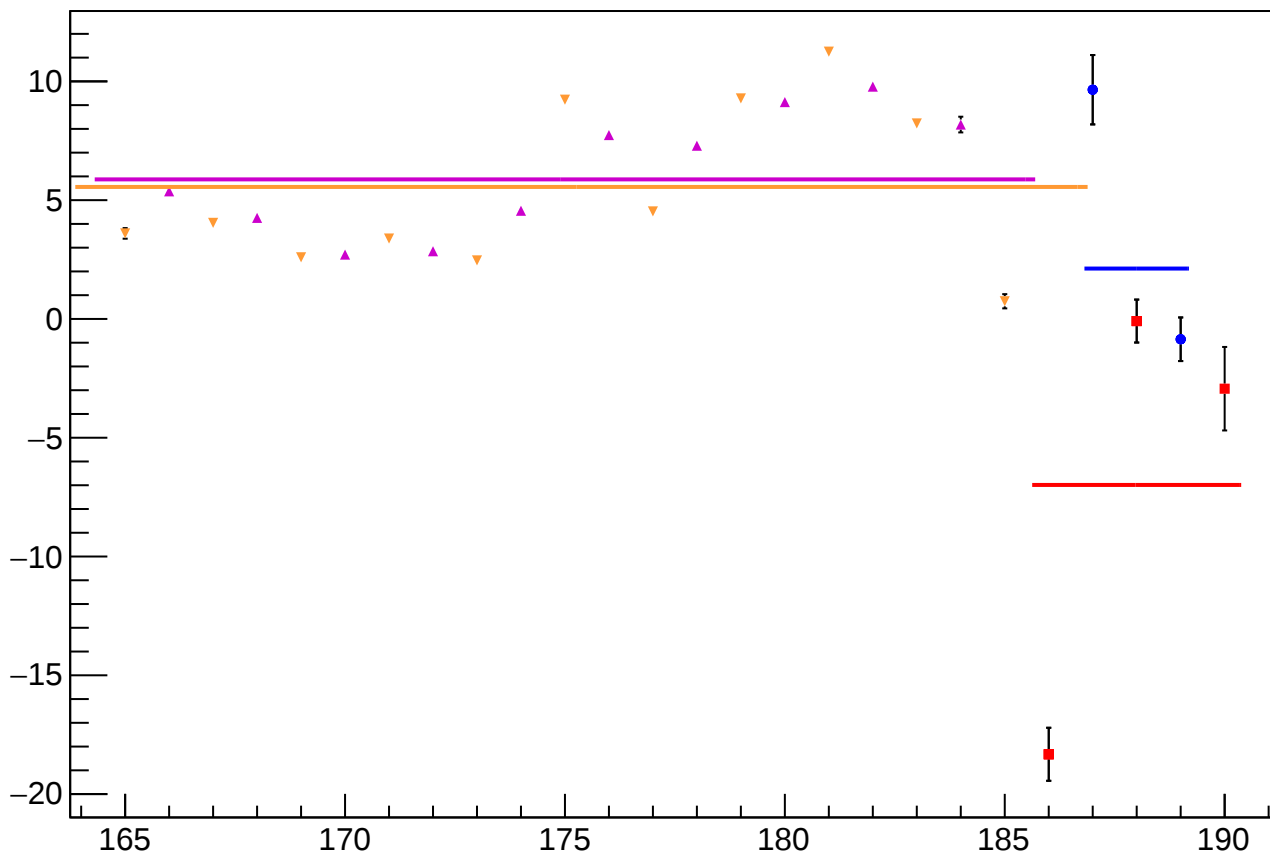
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



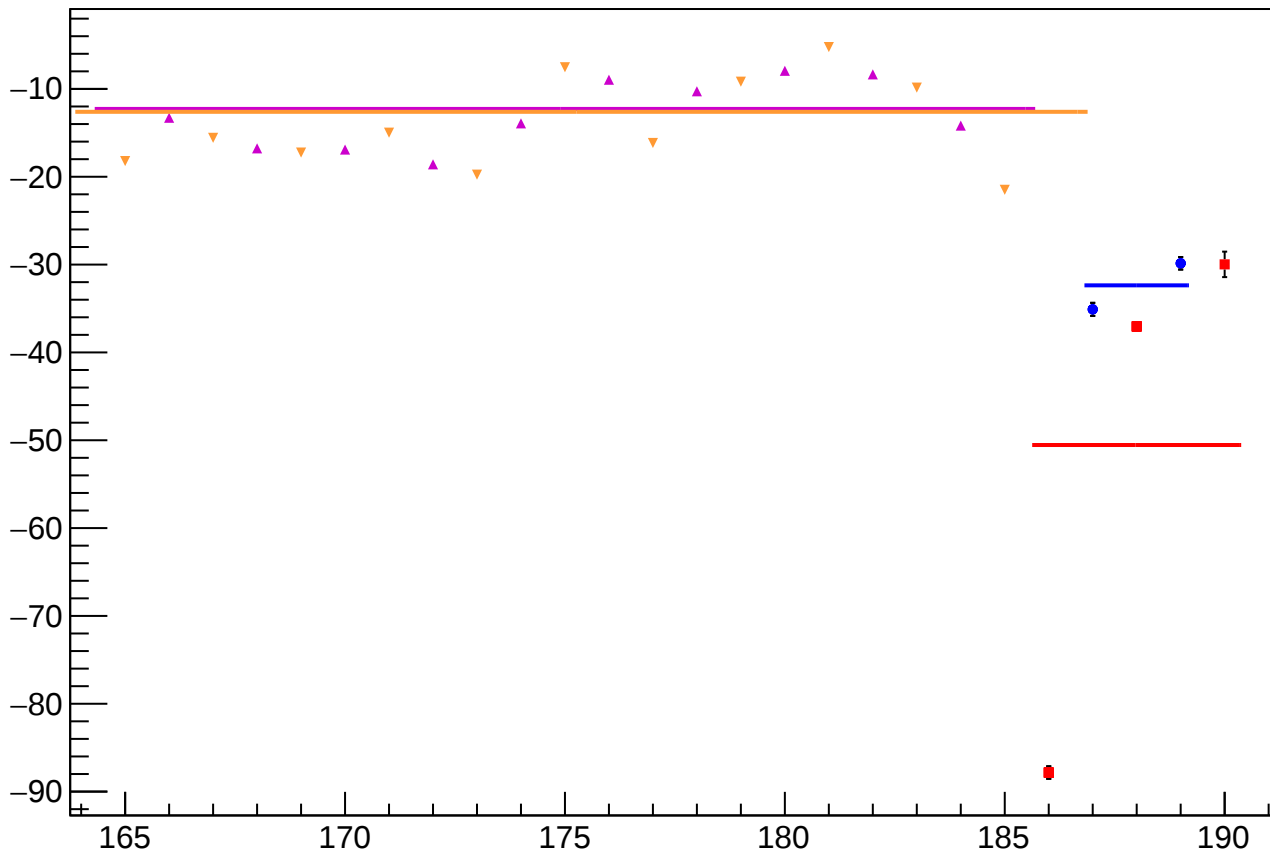
Right In: -0.469 ± 0.432 $\chi^2/\text{NDF}: 27.2/3$
 Left Out: -11.372 ± 0.062 $\chi^2/\text{NDF}: 9318.1/10$
 Right Out: 20.979 ± 0.322 $\chi^2/\text{NDF}: 7456.5/4$
 Left In: -11.586 ± 0.064 $\chi^2/\text{NDF}: 5756.0/9$

Left: -11.476 ± 0.044 $\chi^2/\text{NDF}: 15079.9/20$
 Right: 13.324 ± 0.258 $\chi^2/\text{NDF}: 9072.1/8$
 In: -11.350 ± 0.063 $\chi^2/\text{NDF}: 6432.7/13$
 Out: -10.217 ± 0.061 $\chi^2/\text{NDF}: 26537.8/15$
 All: -10.764 ± 0.044 $\chi^2/\text{NDF}: 33138.6/29$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



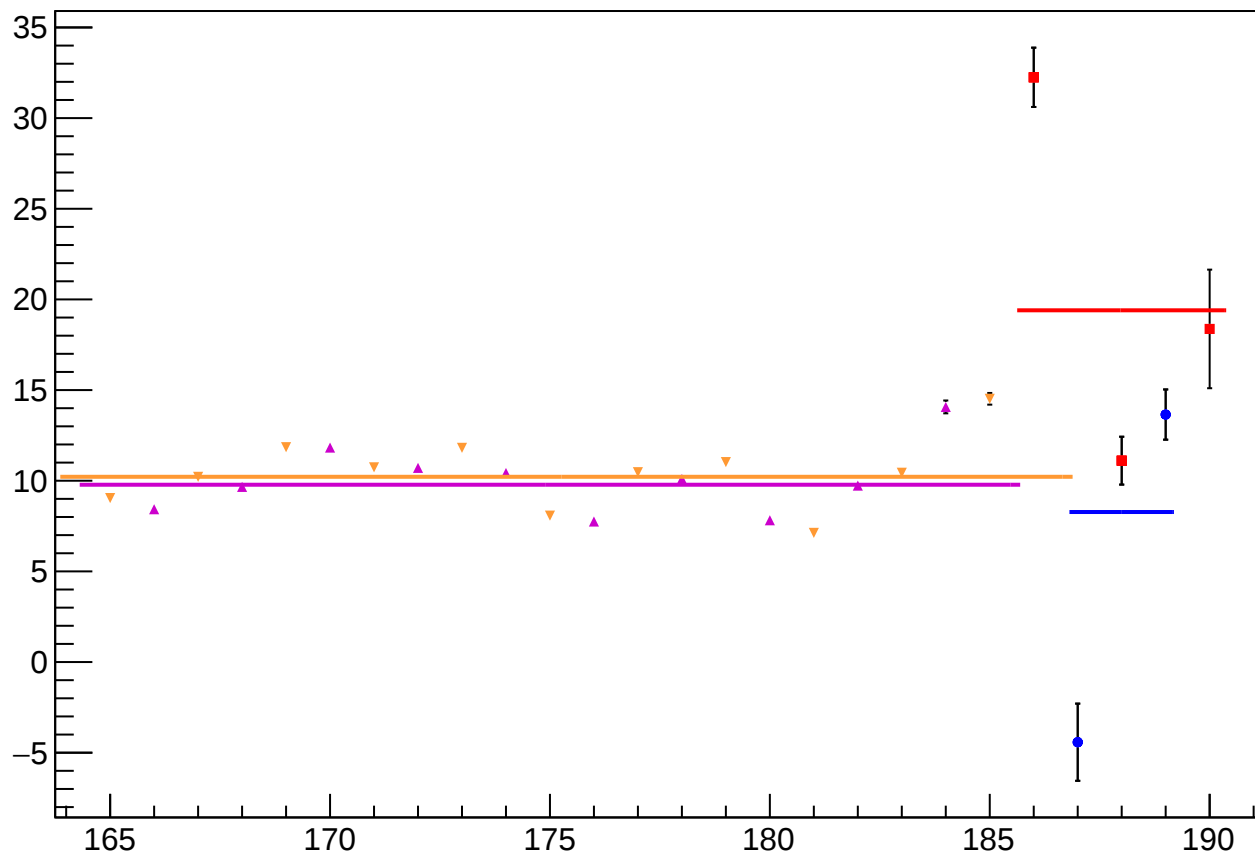
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.364+/-0.363 χ^2/NDF : 52.1/3
 Left Out: -12.606+/-0.063 χ^2/NDF : 6692.9/10
 Right Out: -50.541+/-0.261 χ^2/NDF : 7564.3/4
 Left In: -12.278+/-0.065 χ^2/NDF : 3424.4/9

Left: -12.447+/-0.045 χ^2/NDF : 10130.5/20
 Right: -44.329+/-0.212 χ^2/NDF : 9269.6/8
 In: -12.897+/-0.064 χ^2/NDF : 6448.3/13
 Out: -14.683+/-0.061 χ^2/NDF : 34172.4/15
 All: -13.827+/-0.044 χ^2/NDF : 41029.5/29

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.275 ± 0.821 $\chi^2/\text{NDF}: 101.3/3$

Left Out: 10.217 ± 0.059 $\chi^2/\text{NDF}: 836.7/10$

Right Out: 19.400 ± 0.709 $\chi^2/\text{NDF}: 202.5/4$

Left In: 9.779 ± 0.061 $\chi^2/\text{NDF}: 620.9/9$

Left: 10.006 ± 0.042 $\chi^2/\text{NDF}: 1484.3/20$

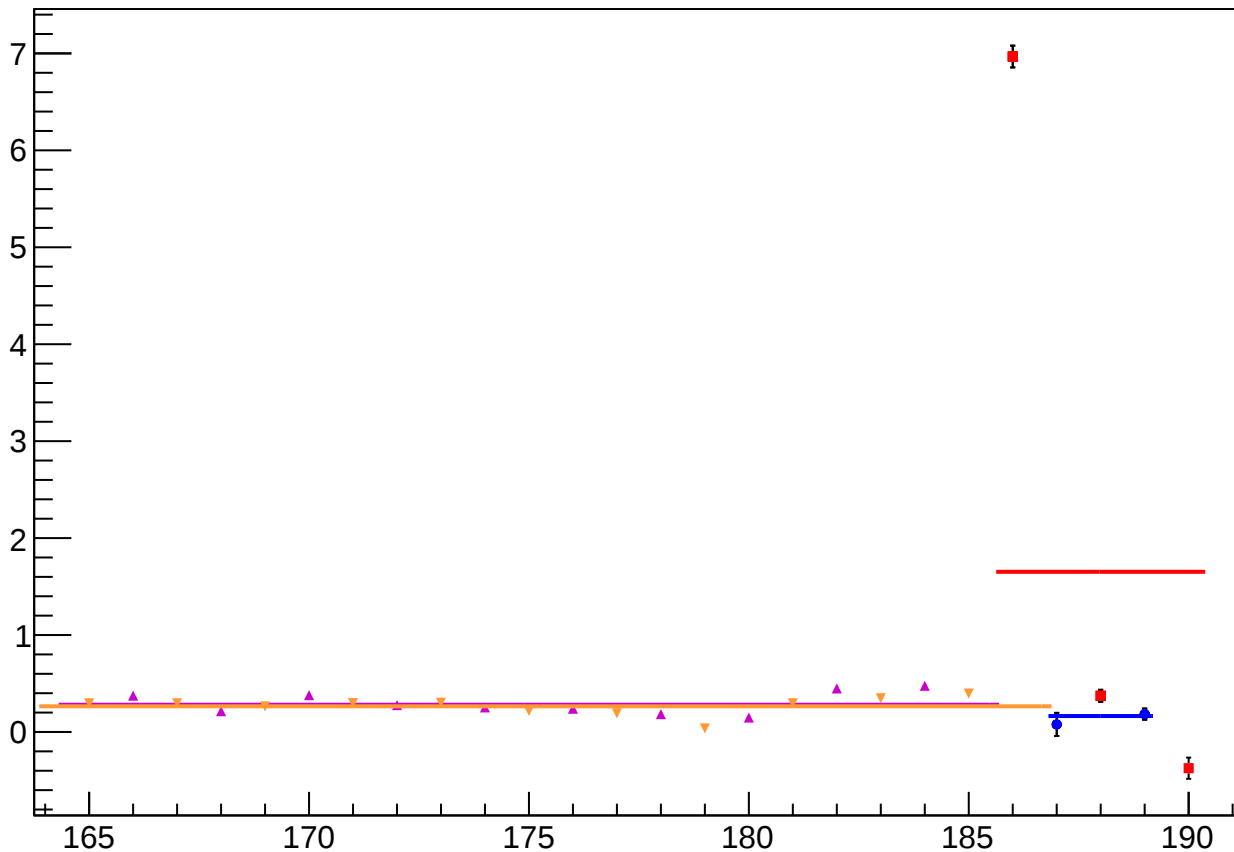
Right: 14.644 ± 0.537 $\chi^2/\text{NDF}: 409.0/8$

In: 9.771 ± 0.061 $\chi^2/\text{NDF}: 725.5/13$

Out: 10.280 ± 0.059 $\chi^2/\text{NDF}: 1205.8/15$

All: 10.035 ± 0.042 $\chi^2/\text{NDF}: 1967.6/29$

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.273 $\pm$ 0.002 χ^2 /NDF: 2146.2/20

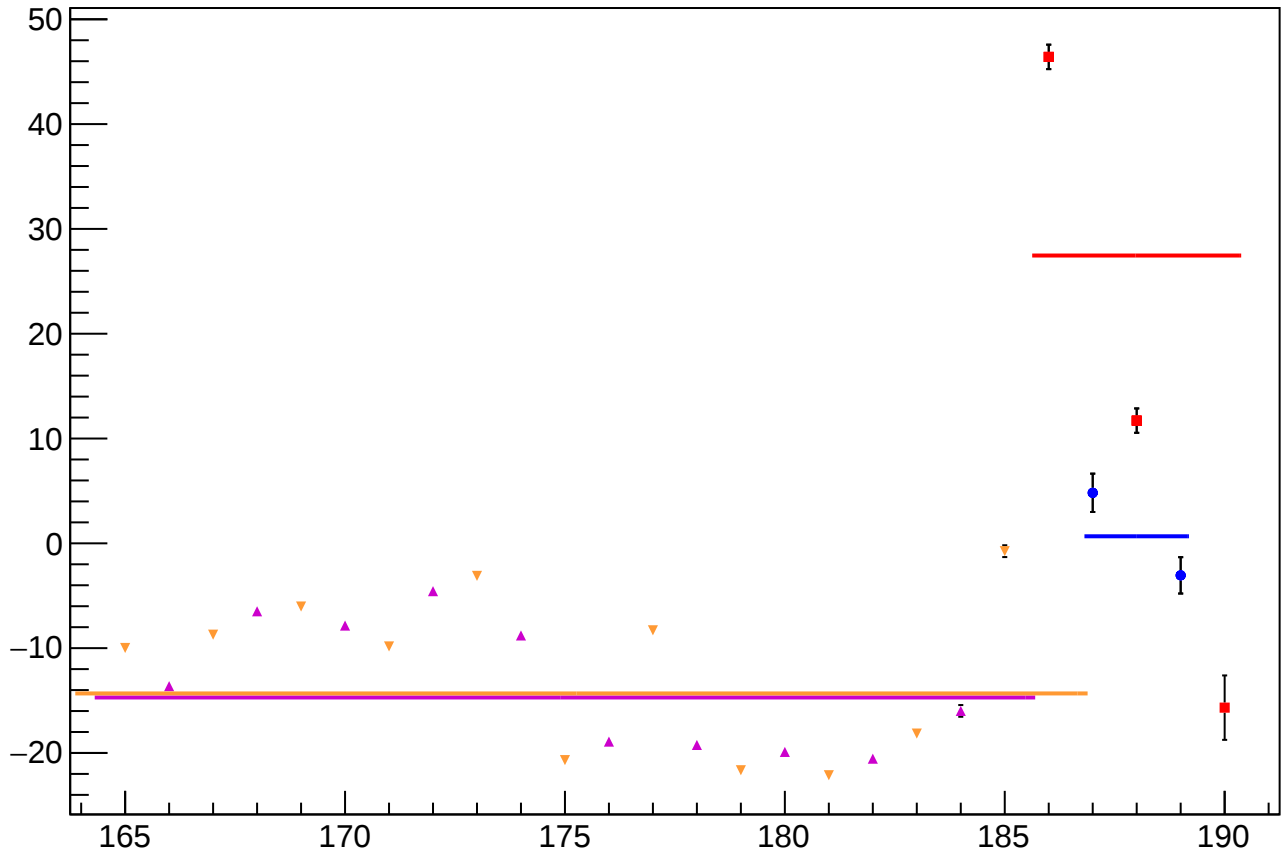
Right: 0.918 $\pm$ 0.026 χ^2 /NDF: 6539.2/8

In: 0.281 $\pm$ 0.003 χ^2 /NDF: 1231.2/13

Out: 0.272 $\pm$ 0.003 χ^2 /NDF: 8078.6/15

All: 0.276 $\pm$ 0.002 χ^2 /NDF: 9315.2/29

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.673 ± 0.890 $\chi^2/\text{NDF}: 19.5/3$

Left Out: -14.321 ± 0.110 $\chi^2/\text{NDF}: 4343.2/10$

Right Out: 27.460 ± 0.572 $\chi^2/\text{NDF}: 1091.7/4$

Left In: -14.707 ± 0.113 $\chi^2/\text{NDF}: 2737.8/9$

Left: -14.509 ± 0.079 $\chi^2/\text{NDF}: 7087.0/20$

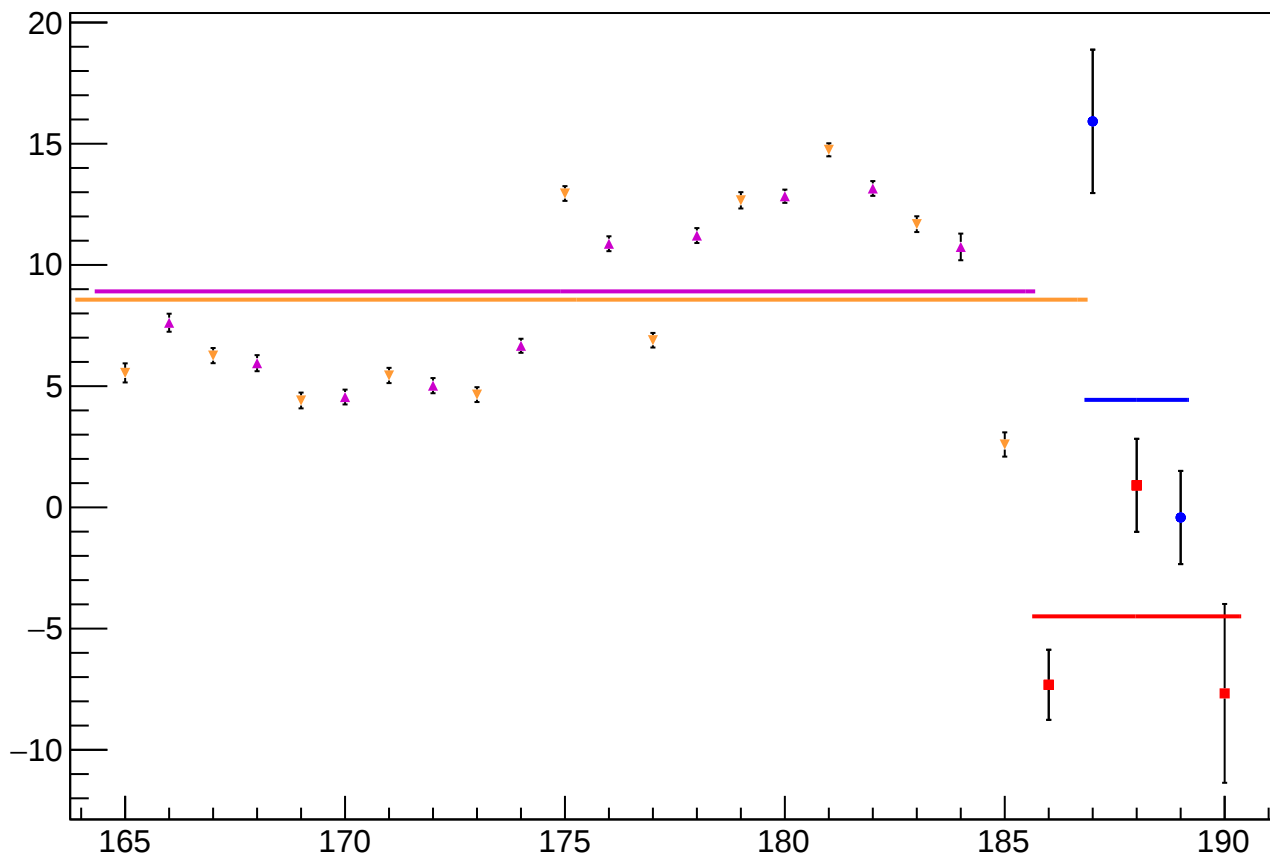
Right: 19.622 ± 0.481 $\chi^2/\text{NDF}: 1752.4/8$

In: -14.464 ± 0.112 $\chi^2/\text{NDF}: 3051.4/13$

Out: -12.836 ± 0.108 $\chi^2/\text{NDF}: 10576.7/15$

All: -13.619 ± 0.078 $\chi^2/\text{NDF}: 13737.7/29$

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.435 ± 1.139 $\chi^2/\text{NDF}: 42.9/3$

Left Out: 8.568 ± 0.098 $\chi^2/\text{NDF}: 1683.6/10$

Right Out: -4.495 ± 0.797 $\chi^2/\text{NDF}: 24.2/4$

Left In: 8.909 ± 0.101 $\chi^2/\text{NDF}: 1016.1/9$

Left: 8.733 ± 0.070 $\chi^2/\text{NDF}: 2705.6/20$

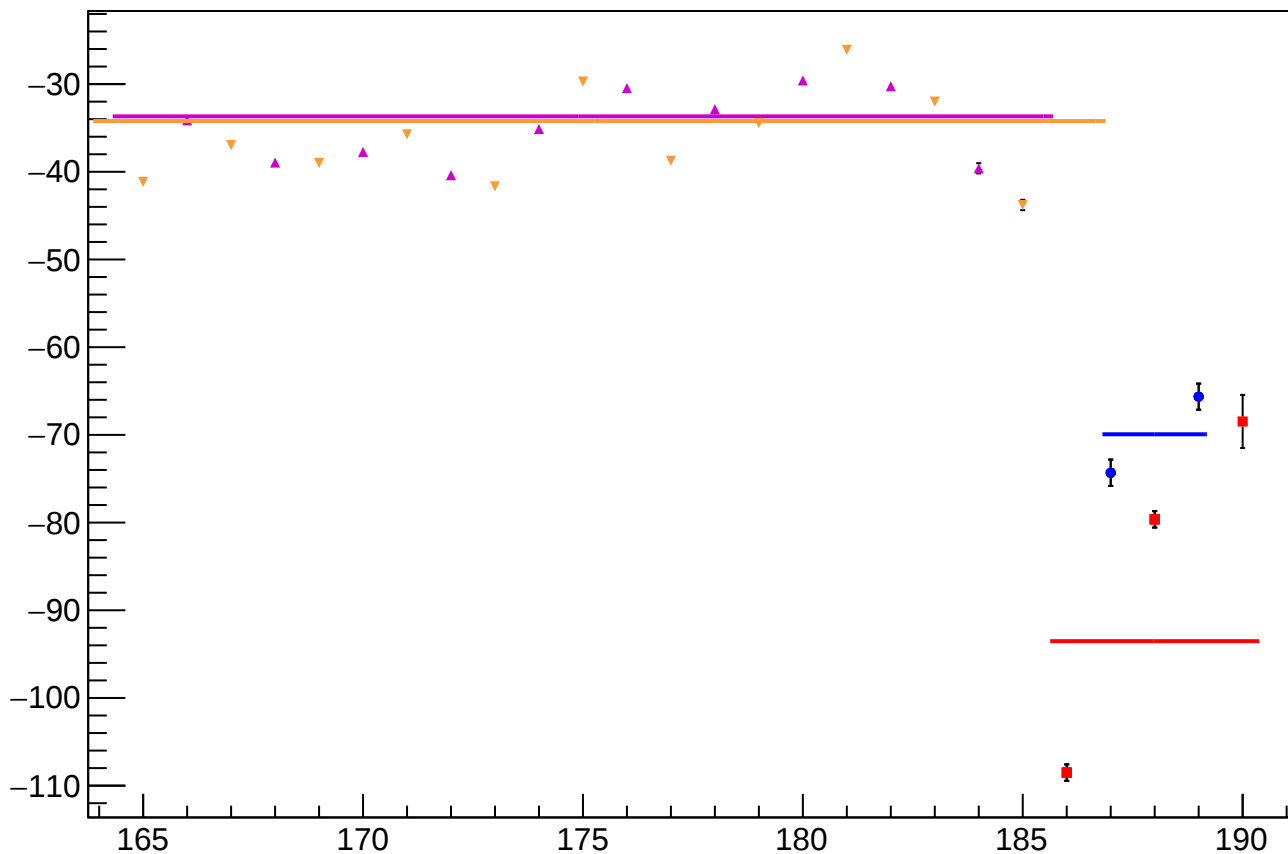
Right: -1.561 ± 0.653 $\chi^2/\text{NDF}: 108.4/8$

In: 8.874 ± 0.101 $\chi^2/\text{NDF}: 1074.3/13$

Out: 8.375 ± 0.097 $\chi^2/\text{NDF}: 1972.4/15$

All: 8.615 ± 0.070 $\chi^2/\text{NDF}: 3059.5/29$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.931 ± 0.747 χ^2/NDF : 33.7/3
 Left Out: -34.210 ± 0.112 χ^2/NDF : 2386.9/10
 Right Out: -93.525 ± 0.463 χ^2/NDF : 1019.2/4
 Left In: -33.678 ± 0.115 χ^2/NDF : 1090.6/9

Left: -33.951 ± 0.080 χ^2/NDF : 3488.6/20

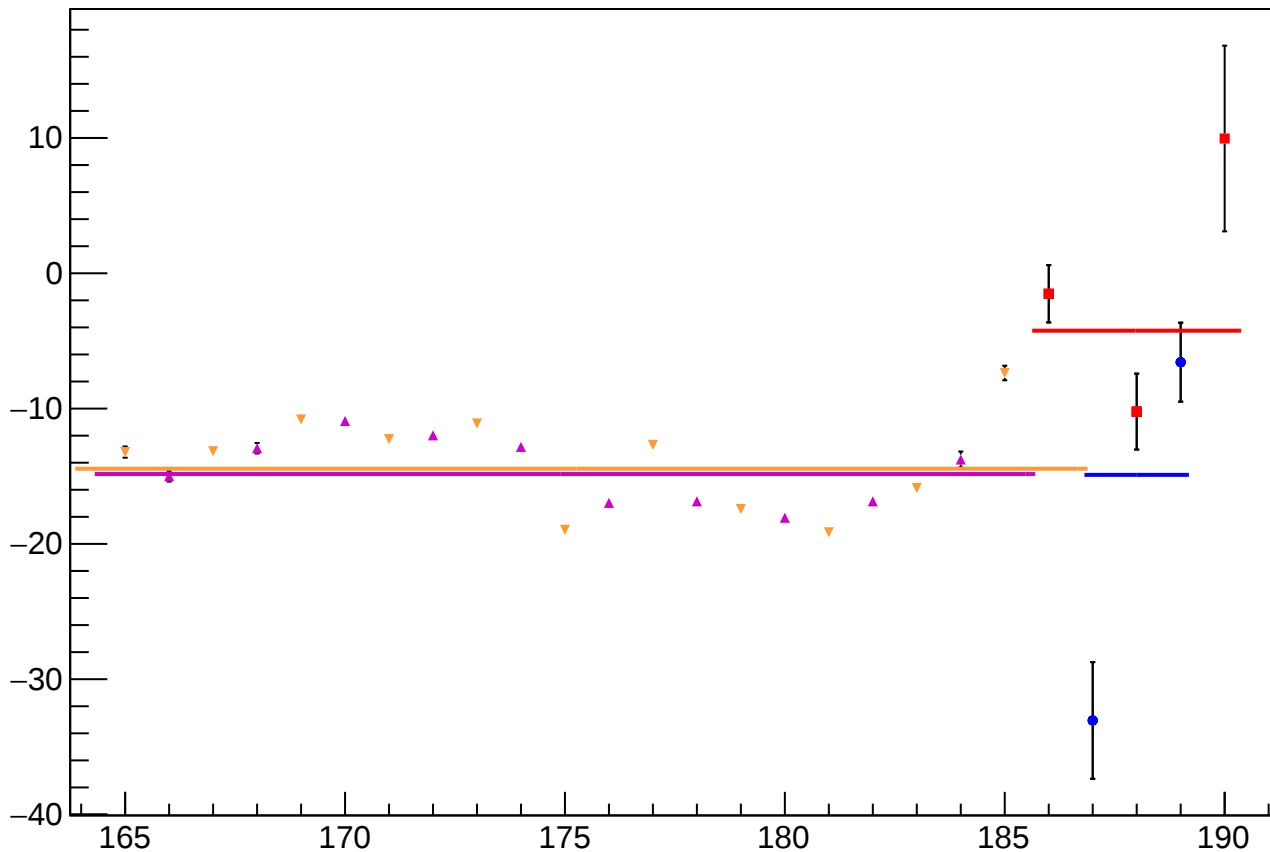
Right: -86.978 ± 0.394 χ^2/NDF : 1772.9/8

In: -34.515 ± 0.114 χ^2/NDF : 3422.9/13

Out: -37.476 ± 0.109 χ^2/NDF : 18902.8/15

All: -36.060 ± 0.079 χ^2/NDF : 22680.7/29

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



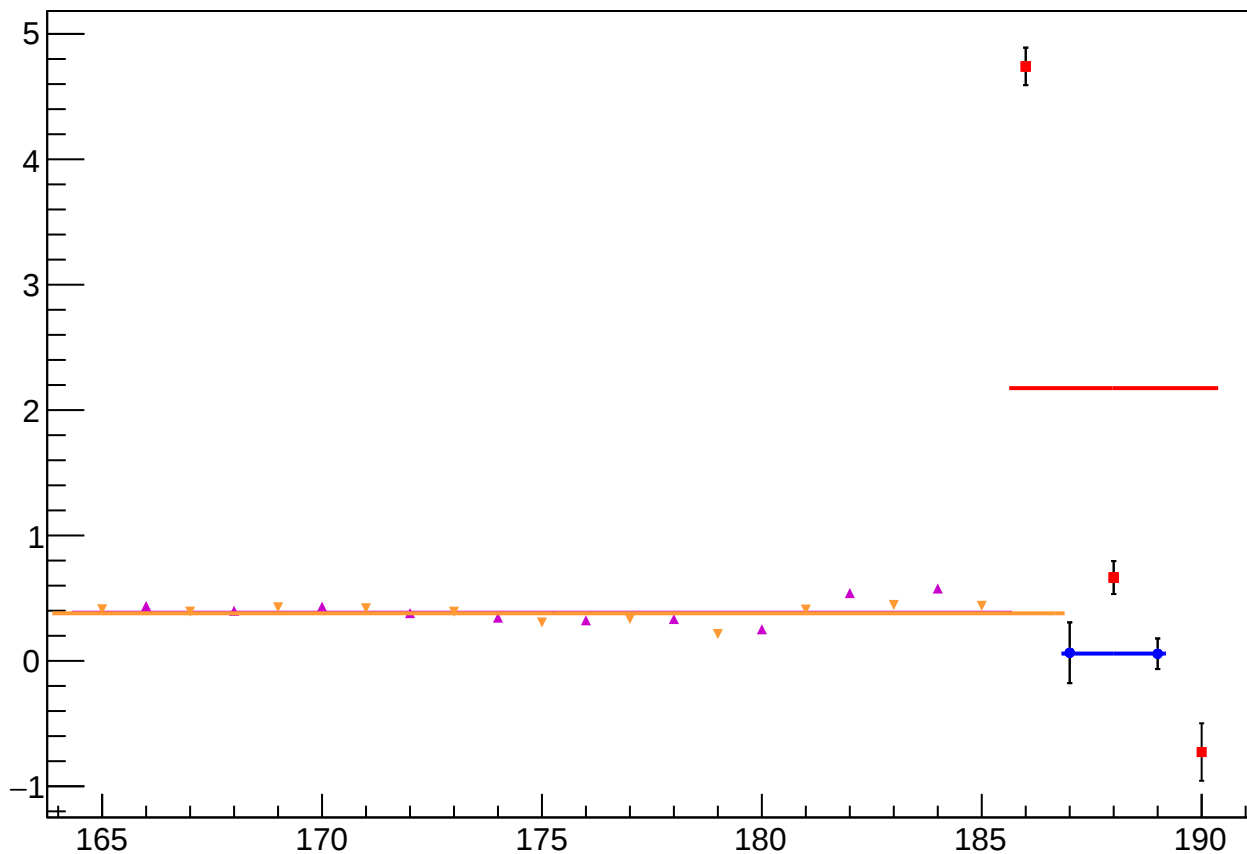
Right In: -14.898 ± 1.710 $\chi^2/\text{NDF}: 51.7/3$
 Left Out: -14.446 ± 0.106 $\chi^2/\text{NDF}: 1011.4/10$
 Right Out: -4.244 ± 1.178 $\chi^2/\text{NDF}: 16.7/4$
 Left In: -14.836 ± 0.109 $\chi^2/\text{NDF}: 520.0/9$

Left: -14.635 ± 0.076 $\chi^2/\text{NDF}: 1538.0/20$
 Right: -7.672 ± 0.970 $\chi^2/\text{NDF}: 94.8/8$

In: -14.836 ± 0.109 $\chi^2/\text{NDF}: 571.7/13$
 Out: -14.365 ± 0.105 $\chi^2/\text{NDF}: 1102.6/15$

All: -14.592 ± 0.076 $\chi^2/\text{NDF}: 1684.0/29$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.058 ± 0.077 $\chi^2/\text{NDF}: 0.0/3$

Left Out: 0.379 ± 0.005 $\chi^2/\text{NDF}: 181.5/10$

Right Out: 2.175 ± 0.067 $\chi^2/\text{NDF}: 1014.4/4$

Left In: 0.384 ± 0.005 $\chi^2/\text{NDF}: 317.4/9$

Left: 0.382 ± 0.003 $\chi^2/\text{NDF}: 499.4/20$

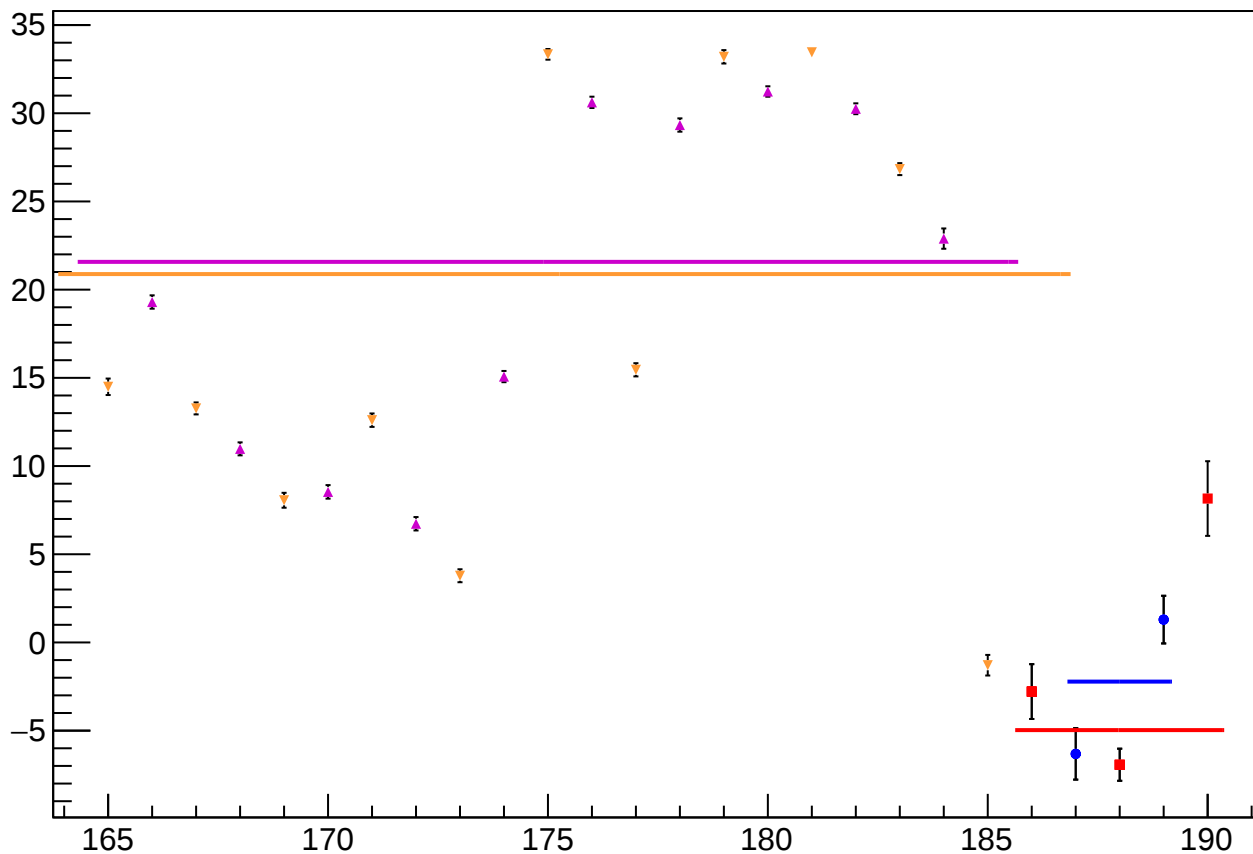
Right: 1.267 ± 0.050 $\chi^2/\text{NDF}: 1445.8/8$

In: 0.383 ± 0.005 $\chi^2/\text{NDF}: 335.3/13$

Out: 0.388 ± 0.005 $\chi^2/\text{NDF}: 1915.8/15$

All: 0.386 ± 0.003 $\chi^2/\text{NDF}: 2251.7/29$

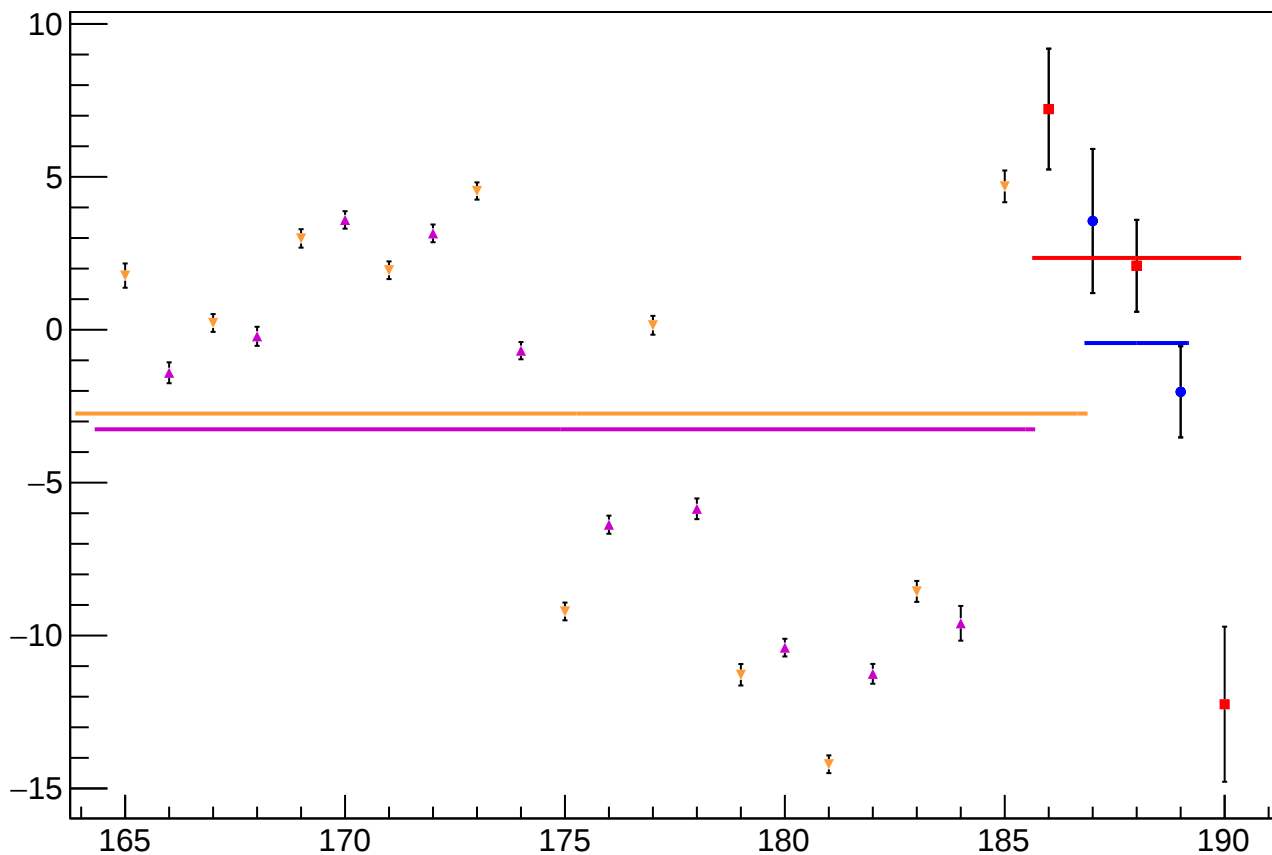
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



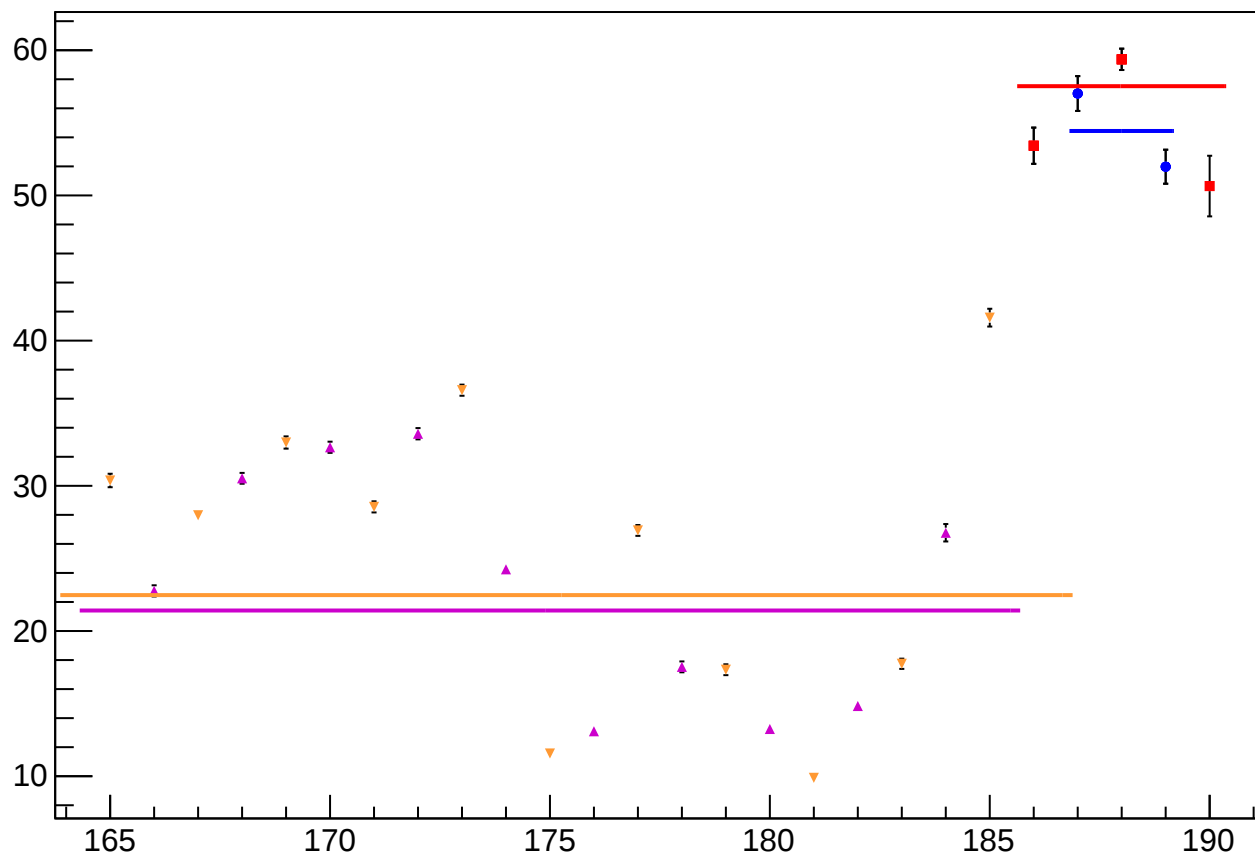
Right In: -2.220 ± 0.701 χ^2/NDF : 29.3/3
 Left Out: 20.883 ± 0.109 χ^2/NDF : 11235.5/10
 Right Out: -4.970 ± 0.537 χ^2/NDF : 51.7/4
 Left In: 21.575 ± 0.112 χ^2/NDF : 7045.5/9

Left: 21.220 ± 0.078 χ^2/NDF : 18300.7/20
 Right: -3.952 ± 0.426 χ^2/NDF : 90.7/8
 In: 20.983 ± 0.111 χ^2/NDF : 8198.9/13
 Out: 19.860 ± 0.107 χ^2/NDF : 13512.2/15
 All: 20.402 ± 0.077 χ^2/NDF : 21764.4/29

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



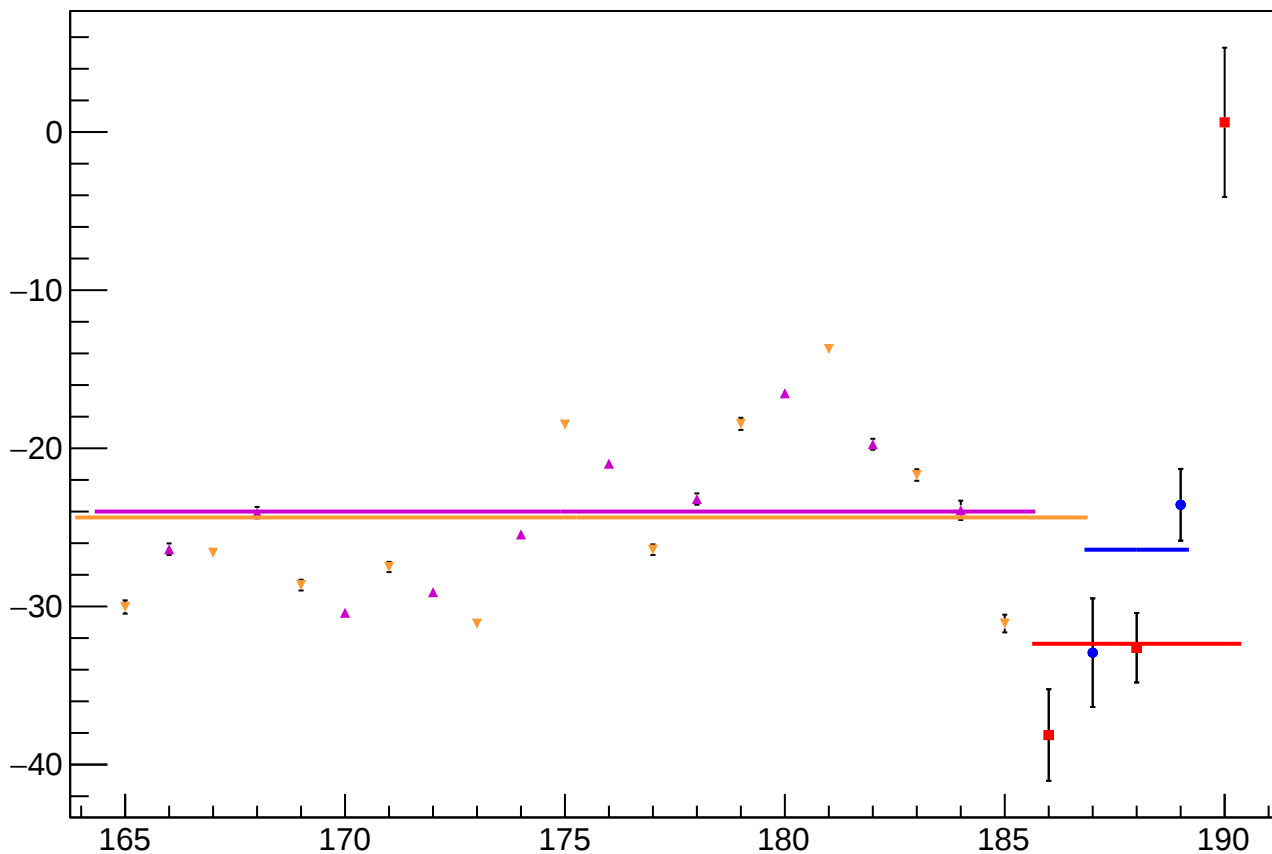
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 21.958 $\pm$ 0.079 χ^2/NDF : 12282.1/20
 Right: 56.434 $\pm$ 0.352 χ^2/NDF : 80.7/8
 In: 22.594 $\pm$ 0.112 χ^2/NDF :7589.3/13
 Out: 24.584 $\pm$ 0.107 χ^2/NDF :13729.3/15
 All: 23.630 $\pm$ 0.078 χ^2/NDF : 21483.0/29

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



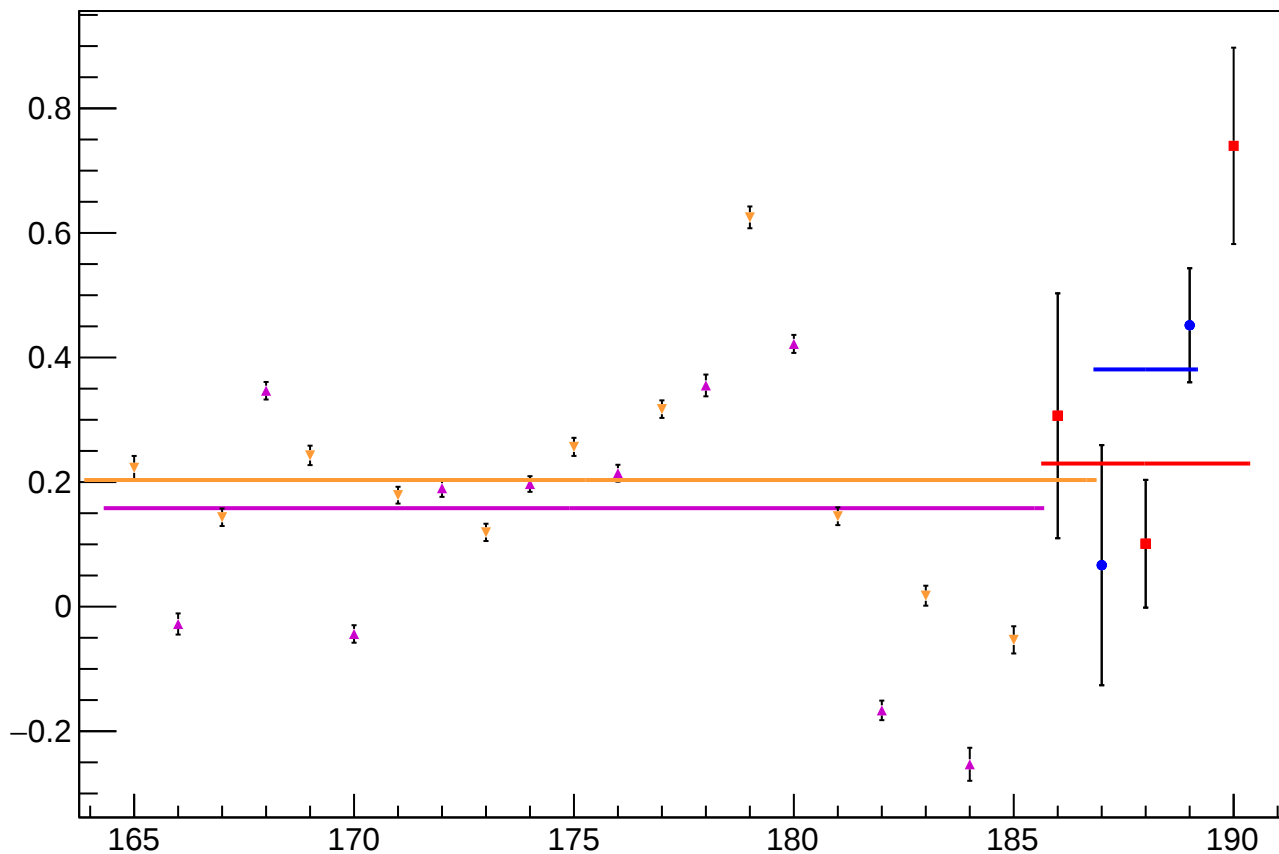
Right In: -26.412 ± 1.339 $\chi^2/\text{NDF}: 10.3/3$
 Left Out: -24.372 ± 0.104 $\chi^2/\text{NDF}: 2997.2/10$
 Right Out: -32.361 ± 1.196 $\chi^2/\text{NDF}: 56.8/4$
 Left In: -23.999 ± 0.108 $\chi^2/\text{NDF}: 1585.5/9$

Left: -24.192 ± 0.075 $\chi^2/\text{NDF}: 4588.9/20$
 Right: -29.719 ± 0.892 $\chi^2/\text{NDF}: 78.1/8$

In: -24.015 ± 0.107 $\chi^2/\text{NDF}: 1599.1/13$
 Out: -24.432 ± 0.104 $\chi^2/\text{NDF}: 3098.2/15$

All: -24.231 ± 0.075 $\chi^2/\text{NDF}: 4705.1/29$

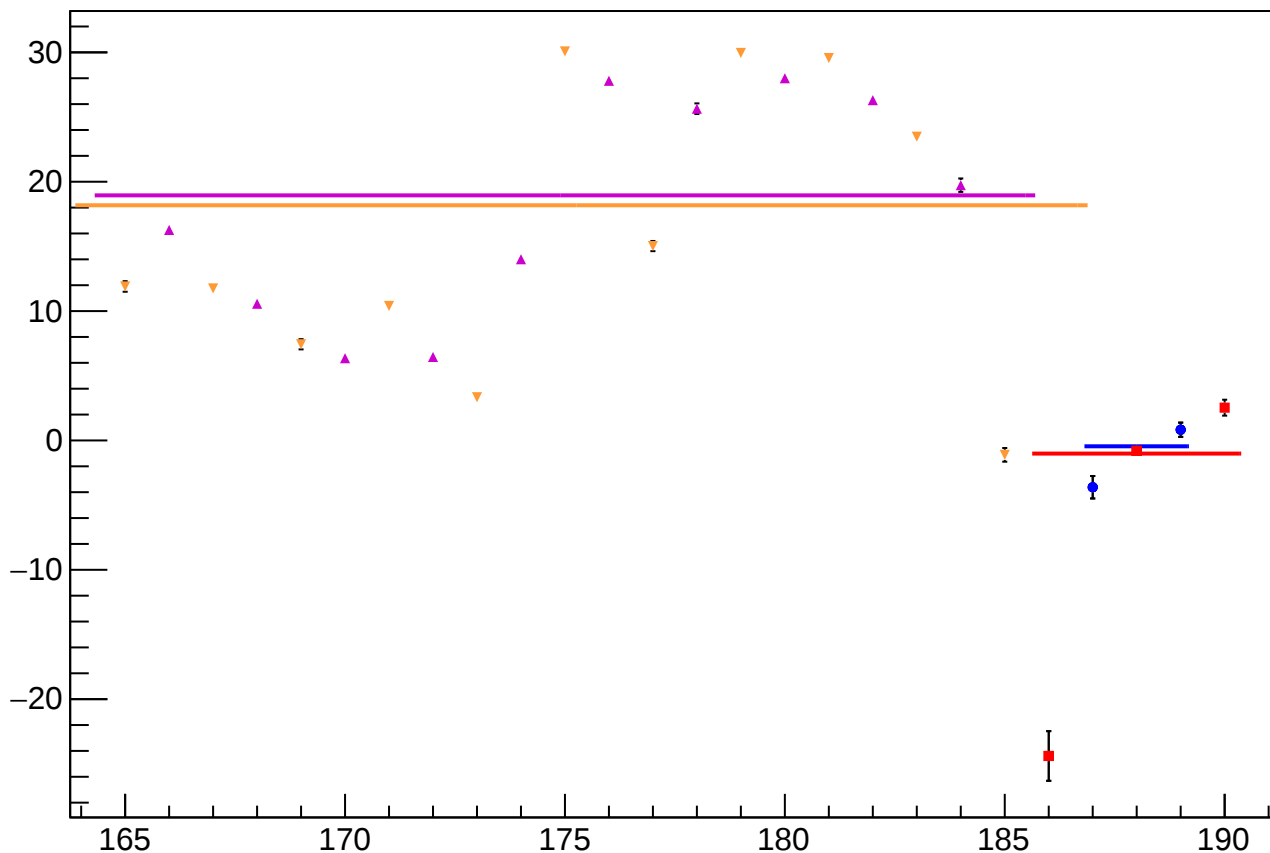
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.381 ± 0.058 $\chi^2/\text{NDF}: 6.5/3$
 Left Out: 0.203 ± 0.005 $\chi^2/\text{NDF}: 1014.5/10$
 Right Out: 0.230 ± 0.060 $\chi^2/\text{NDF}: 13.9/4$
 Left In: 0.158 ± 0.005 $\chi^2/\text{NDF}: 1665.9/9$

Left: 0.181 ± 0.003 $\chi^2/\text{NDF}: 2726.6/20$
 Right: 0.307 ± 0.042 $\chi^2/\text{NDF}: 23.7/8$
 In: 0.160 ± 0.005 $\chi^2/\text{NDF}: 1686.9/13$
 Out: 0.203 ± 0.005 $\chi^2/\text{NDF}: 1028.6/15$
 All: 0.182 ± 0.003 $\chi^2/\text{NDF}: 2759.3/29$

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 6340.2/9$

Left: 18.553 ± 0.075 $\chi^2/\text{NDF}: 16375.4/20$

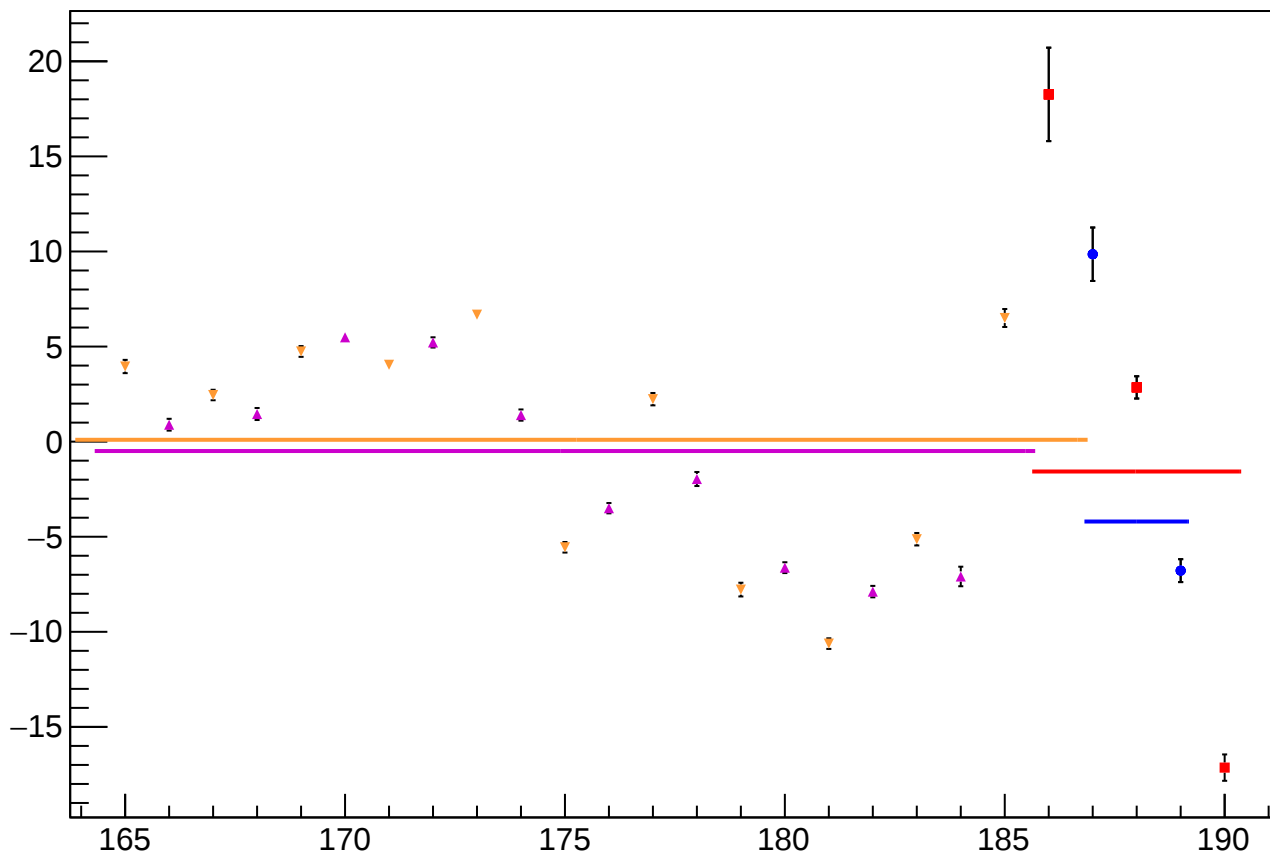
Right: -0.833 ± 0.187 $\chi^2/\text{NDF}: 370.0/8$

In: 17.094 ± 0.102 $\chi^2/\text{NDF}: 9522.2/13$

Out: 14.877 ± 0.095 $\chi^2/\text{NDF}: 16201.5/15$

All: 15.906 ± 0.069 $\chi^2/\text{NDF}: 25978.4/29$

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -0.187 ± 0.066 χ^2/NDF : 6676.3/20

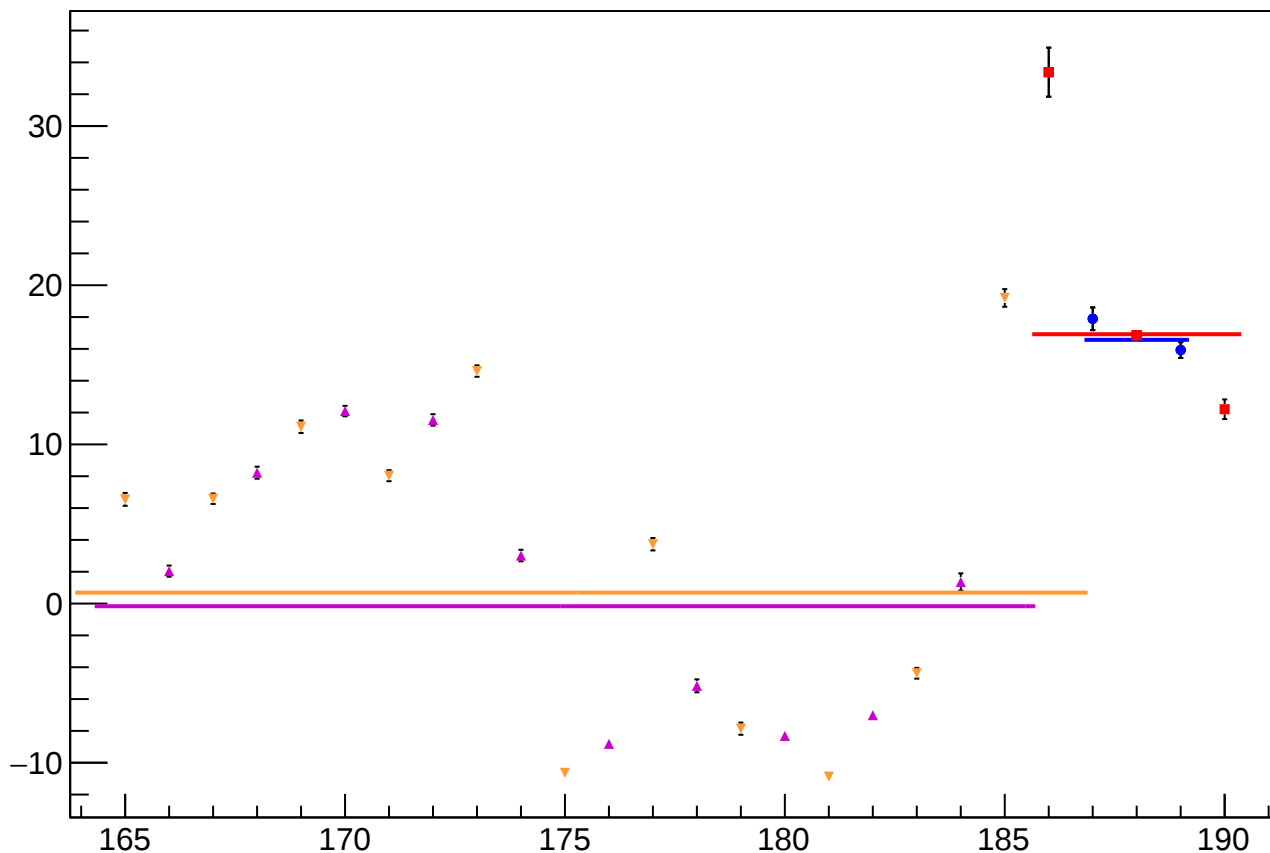
Right: -2.732 ± 0.260 χ^2/NDF : 1010.5/8

In: -0.700 ± 0.093 χ^2/NDF : 2834.5/13

Out: -0.010 ± 0.089 χ^2/NDF : 4913.2/15

All: -0.341 ± 0.064 χ^2/NDF : 7776.7/29

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 0.273 ± 0.076 $\chi^2/\text{NDF}: 13997.5/20$

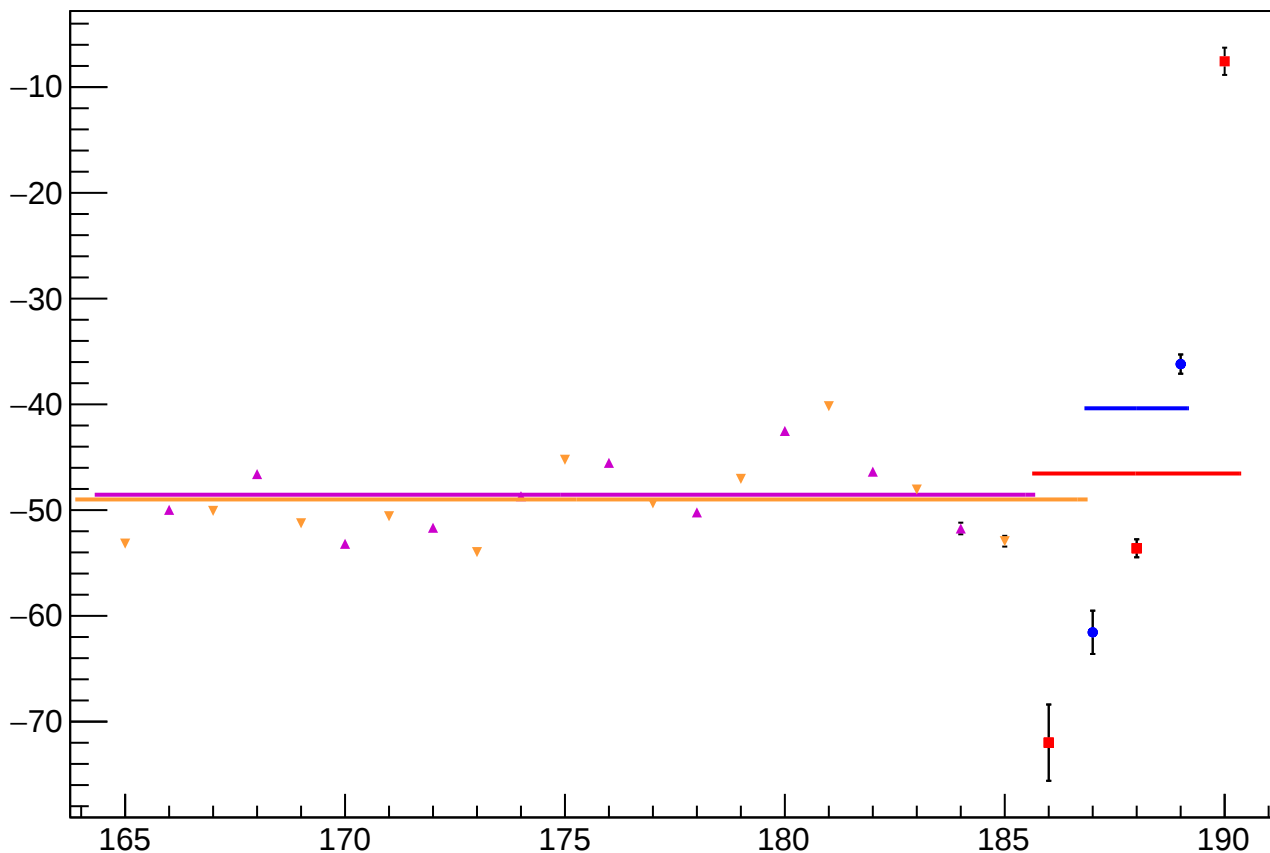
Right: 16.816 ± 0.158 $\chi^2/\text{NDF}: 298.2/8$

In: 1.917 ± 0.102 $\chi^2/\text{NDF}: 8401.6/13$

Out: 4.561 ± 0.092 $\chi^2/\text{NDF}: 14433.0/15$

All: 3.368 ± 0.068 $\chi^2/\text{NDF}: 23205.1/29$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: -48.777 ± 0.071 χ^2/NDF : 2726.7/20

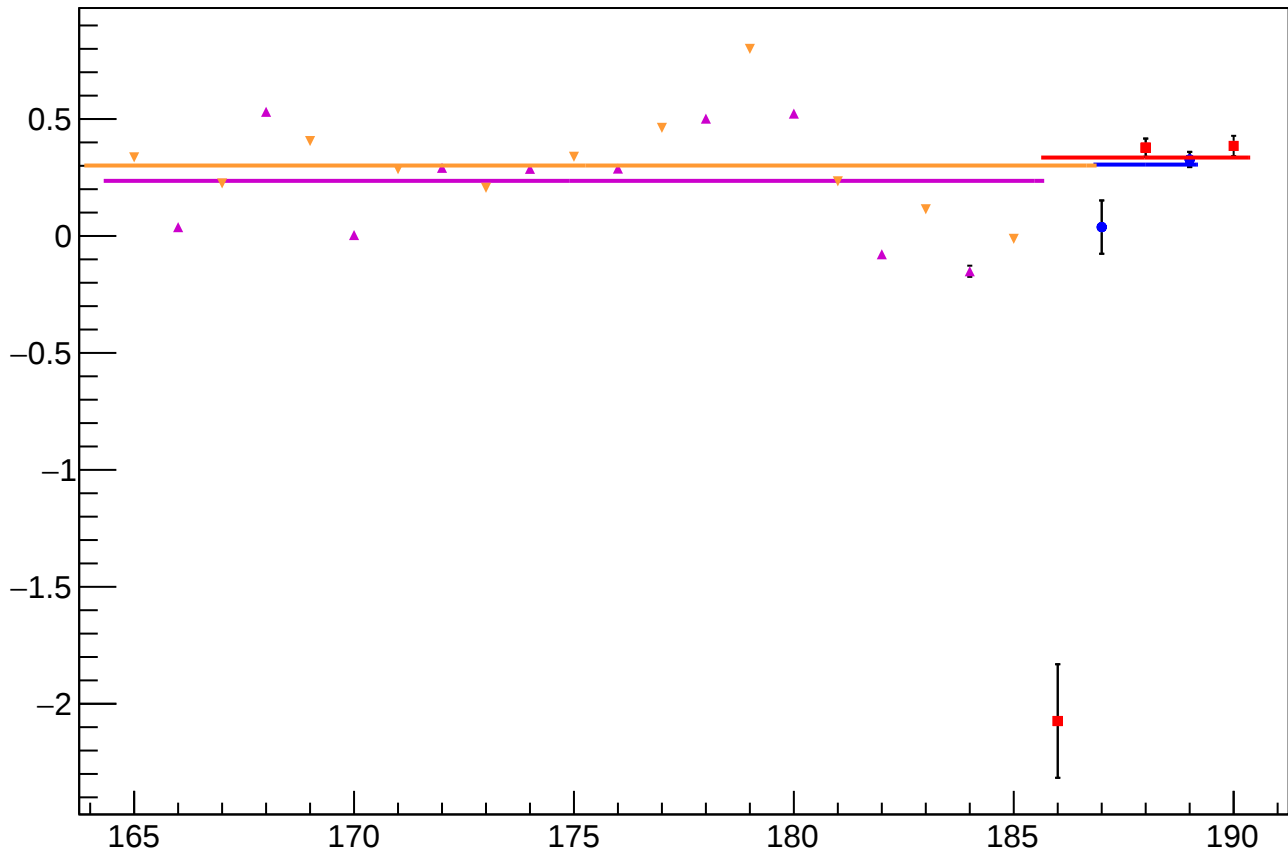
Right: -43.755 ± 0.395 χ^2/NDF : 1469.3/8

In: -48.302 ± 0.101 χ^2/NDF : 1507.5/13

Out: -48.910 ± 0.098 χ^2/NDF : 2826.5/15

All: -48.617 ± 0.070 χ^2/NDF : 4352.7/29

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.305 ± 0.022 $\chi^2/\text{NDF}: 11.9/3$

Left Out: 0.301 ± 0.004 $\chi^2/\text{NDF}: 1459.7/10$

Right Out: 0.335 ± 0.023 $\chi^2/\text{NDF}: 200.6/4$

Left In: 0.236 ± 0.005 $\chi^2/\text{NDF}: 2352.5/9$

Left: 0.269 ± 0.003 $\chi^2/\text{NDF}: 3920.0/20$

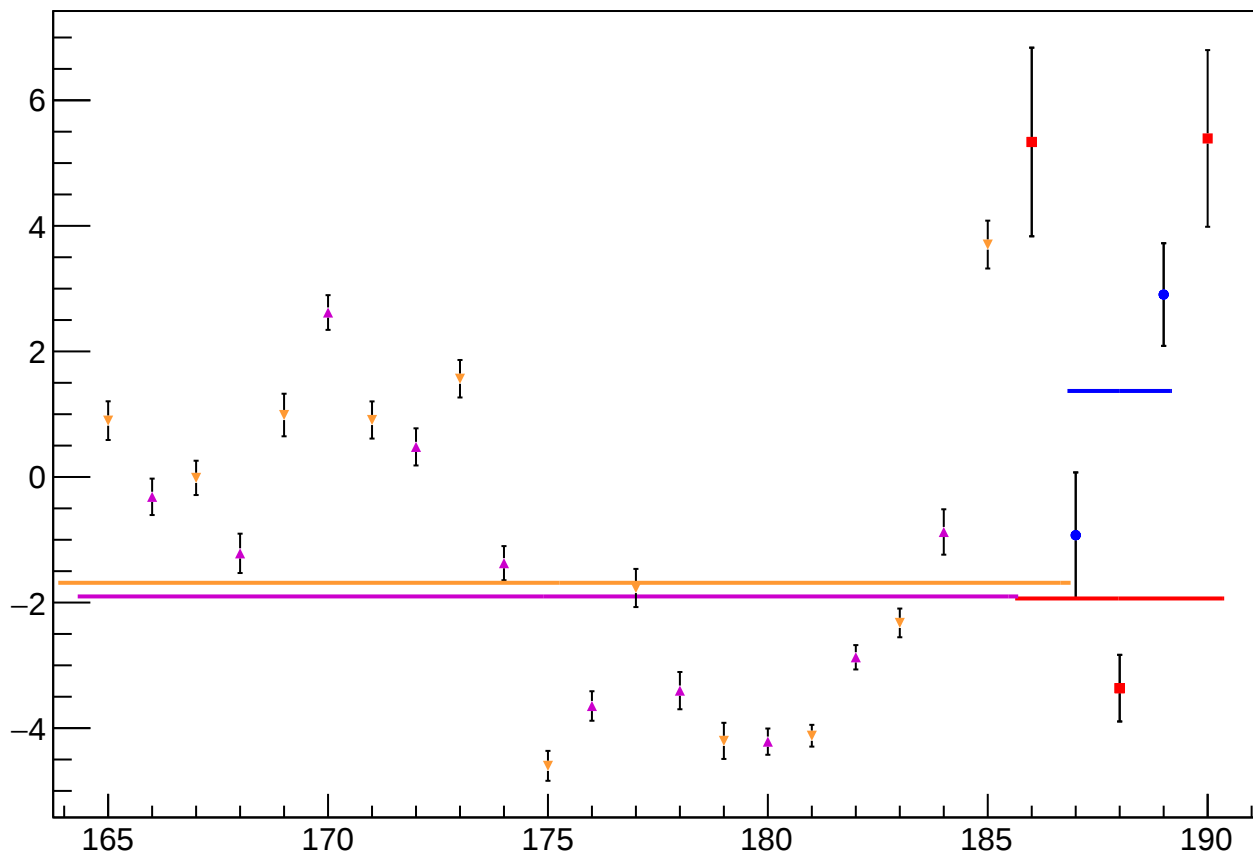
Right: 0.320 ± 0.016 $\chi^2/\text{NDF}: 213.4/8$

In: 0.238 ± 0.004 $\chi^2/\text{NDF}: 2373.9/13$

Out: 0.302 ± 0.004 $\chi^2/\text{NDF}: 1662.4/15$

All: 0.271 ± 0.003 $\chi^2/\text{NDF}: 4142.9/29$

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -1.791 ± 0.058 χ^2/NDF : 1606.6/20

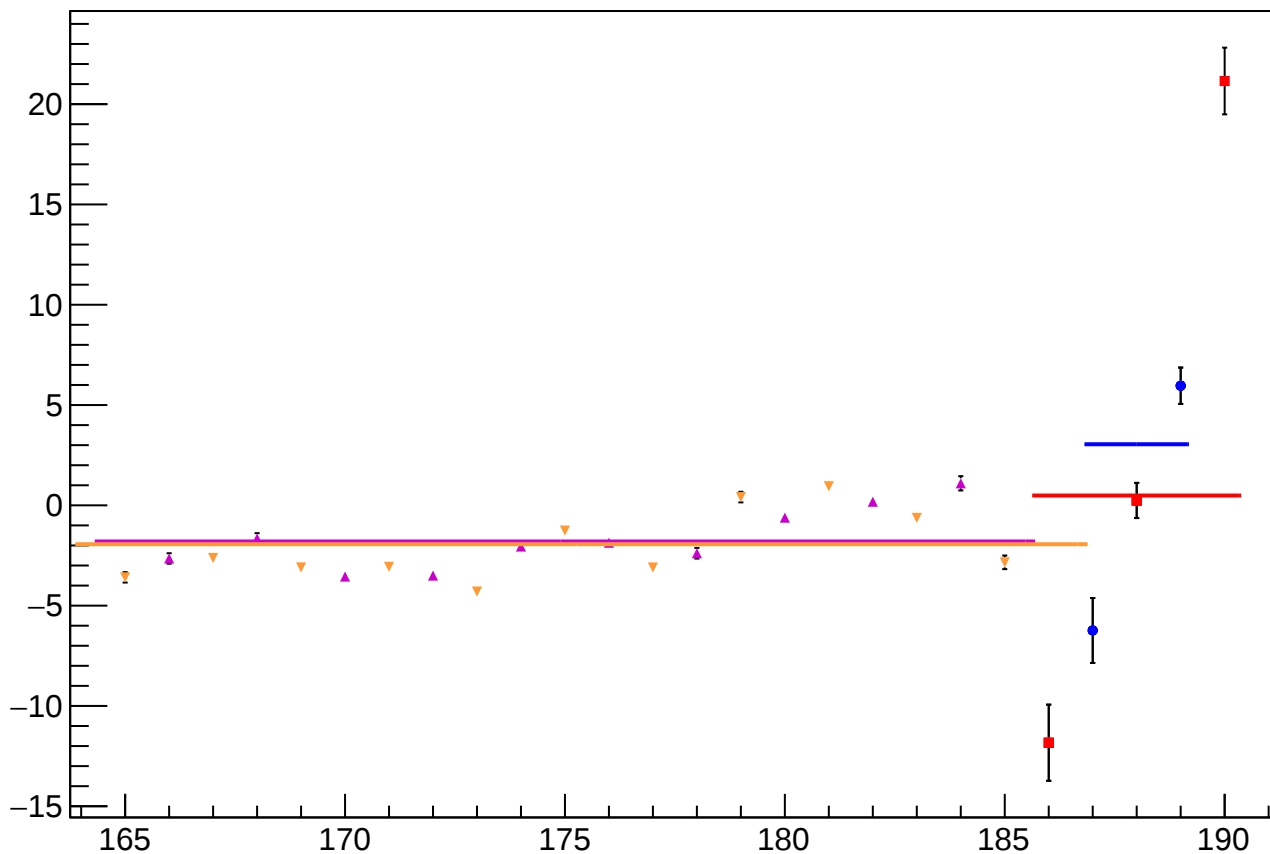
Right: -0.712 ± 0.272 χ^2/NDF : 140.4/8

In: -1.795 ± 0.081 χ^2/NDF : 676.0/13

Out: -1.698 ± 0.078 χ^2/NDF : 1085.3/15

All: -1.745 ± 0.056 χ^2/NDF : 1762.0/29

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -1.872 $\pm$ 0.052 χ^2 /NDF: 923.3/20

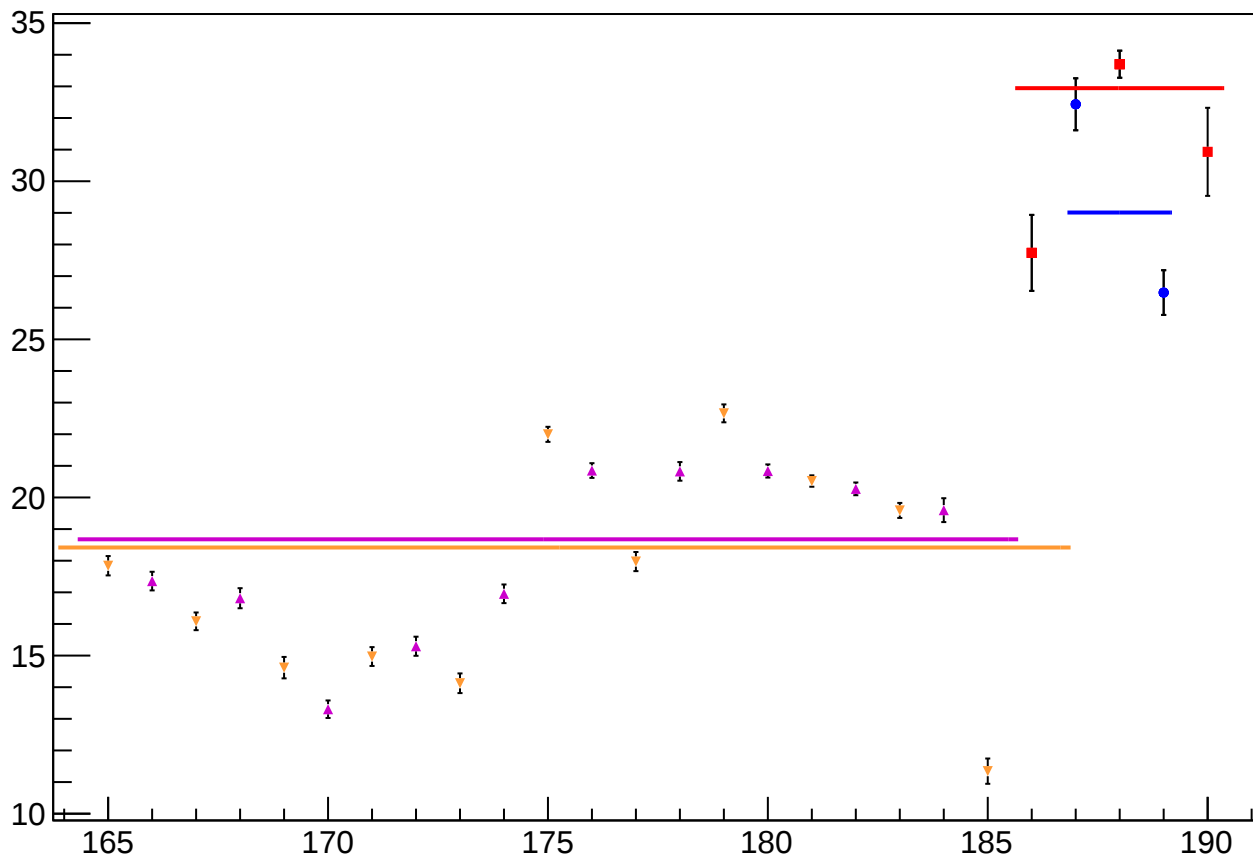
Right: 1.705 $\pm$ 0.386 χ^2 /NDF: 336.6/8

In: -1.717 $\pm$ 0.074 χ^2 /NDF:500.5/13

Out: -1.895 $\pm$ 0.071 χ^2 /NDF:840.8/15

All: -1.809 $\pm$ 0.051 χ^2 /NDF: 1344.3/29

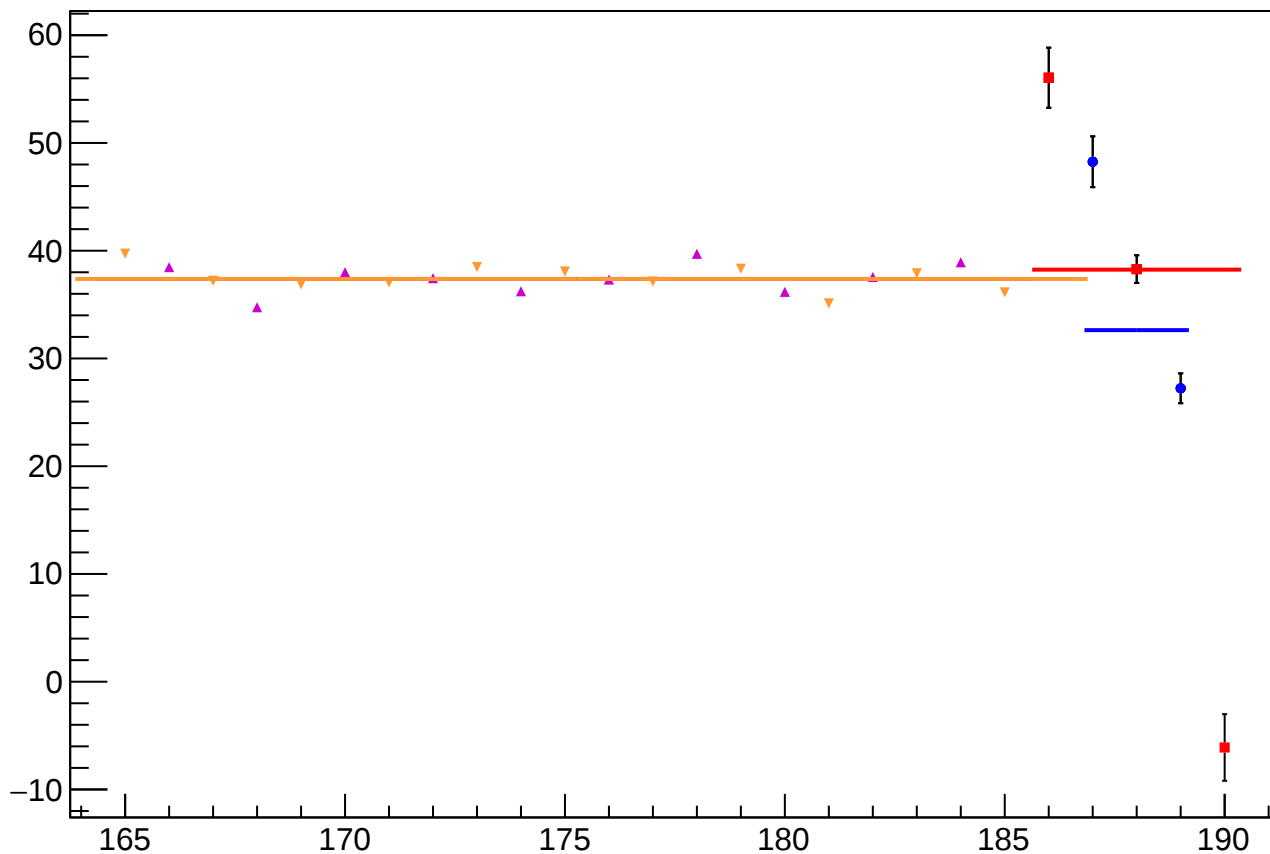
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 18.544 $\pm$ 0.059 χ^2/NDF : 2361.0/20
 Right: 31.558 $\pm$ 0.225 χ^2/NDF : 176.0/8
 In: 19.161 $\pm$ 0.082 χ^2/NDF : 1676.3/13
 Out: 19.563 $\pm$ 0.078 χ^2/NDF : 3982.3/15
 All: 19.371 $\pm$ 0.057 χ^2/NDF : 5671.1/29

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.628 +/- 0.845 χ^2/NDF : 118.2/3

Left Out: 37.379 +/- 0.078 χ^2/NDF : 258.2/10

Right Out: 38.242 +/- 0.796 χ^2/NDF : 287.4/4

Left In: 37.380 +/- 0.080 χ^2/NDF : 233.0/9

Left: 37.379 +/- 0.056 χ^2/NDF : 491.1/20

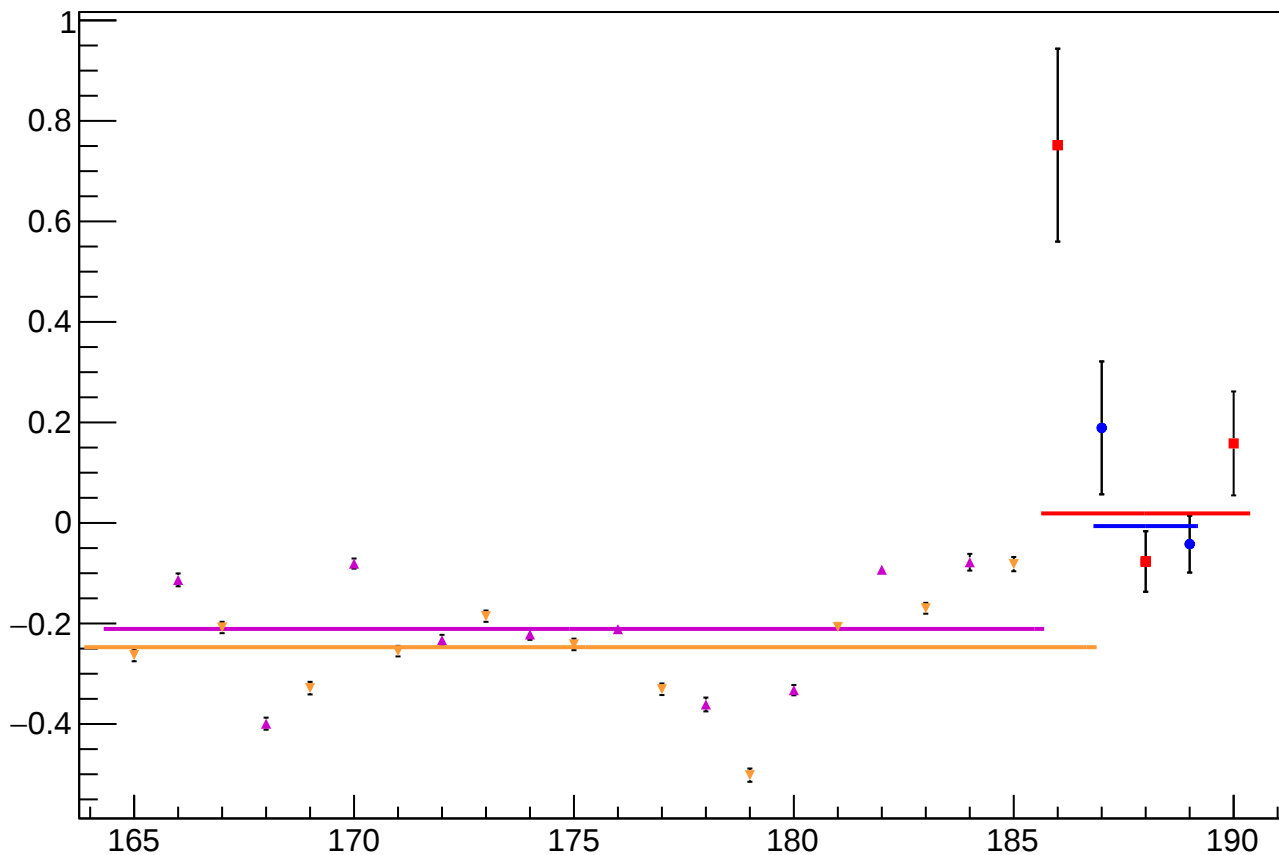
Right: 35.602 +/- 0.579 χ^2/NDF : 429.0/8

In: 37.337 +/- 0.080 χ^2/NDF : 382.5/13

Out: 37.387 +/- 0.077 χ^2/NDF : 546.7/15

All: 37.363 +/- 0.056 χ^2/NDF : 929.4/29

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.037 $\chi^2/\text{NDF}: 5.2/3$

Left Out: -0.247 ± 0.003 $\chi^2/\text{NDF}: 715.6/10$

Right Out: 0.019 ± 0.038 $\chi^2/\text{NDF}: 36.0/4$

Left In: -0.211 ± 0.004 $\chi^2/\text{NDF}: 943.1/9$

Left: -0.229 ± 0.002 $\chi^2/\text{NDF}: 1712.4/20$

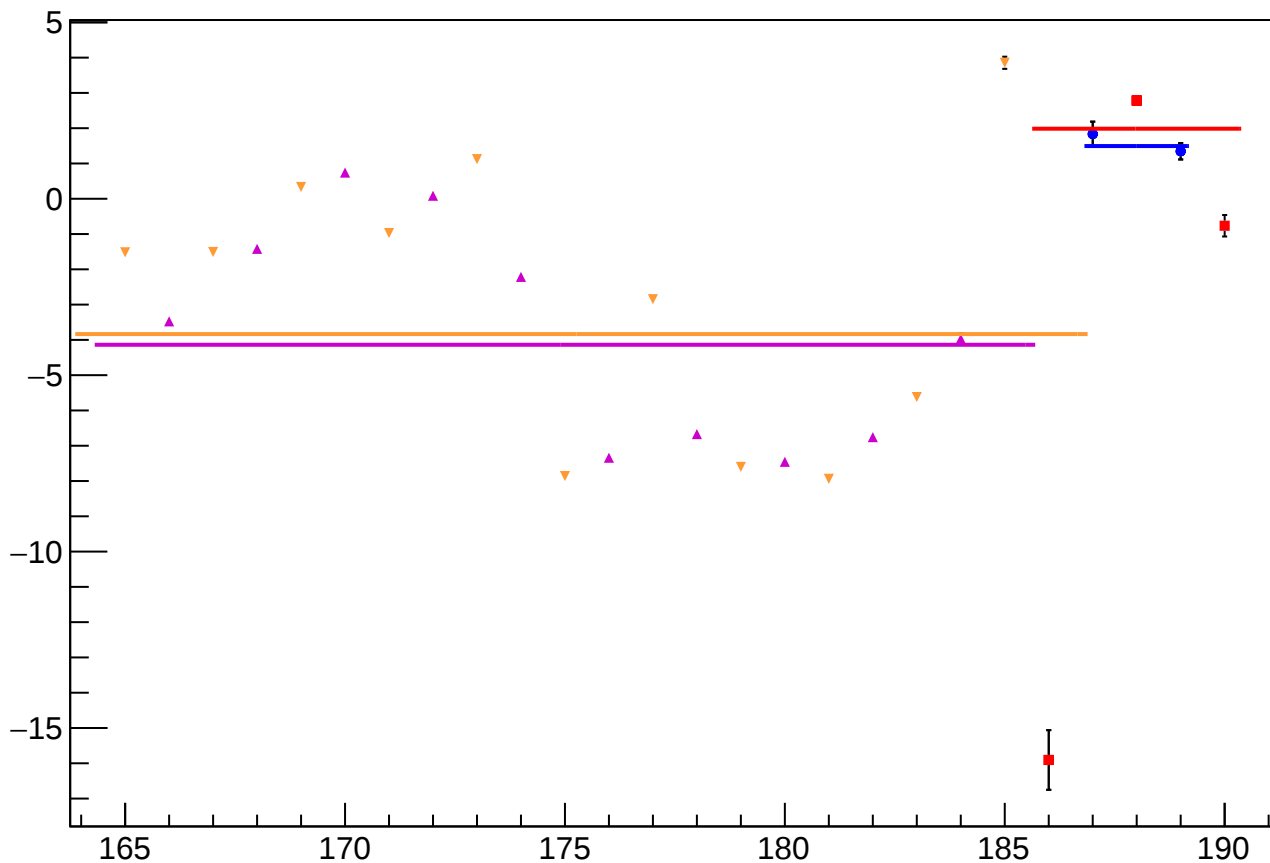
Right: 0.006 ± 0.026 $\chi^2/\text{NDF}: 41.4/8$

In: -0.209 ± 0.004 $\chi^2/\text{NDF}: 978.9/13$

Out: -0.245 ± 0.003 $\chi^2/\text{NDF}: 800.8/15$

All: -0.227 ± 0.002 $\chi^2/\text{NDF}: 1832.9/29$

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



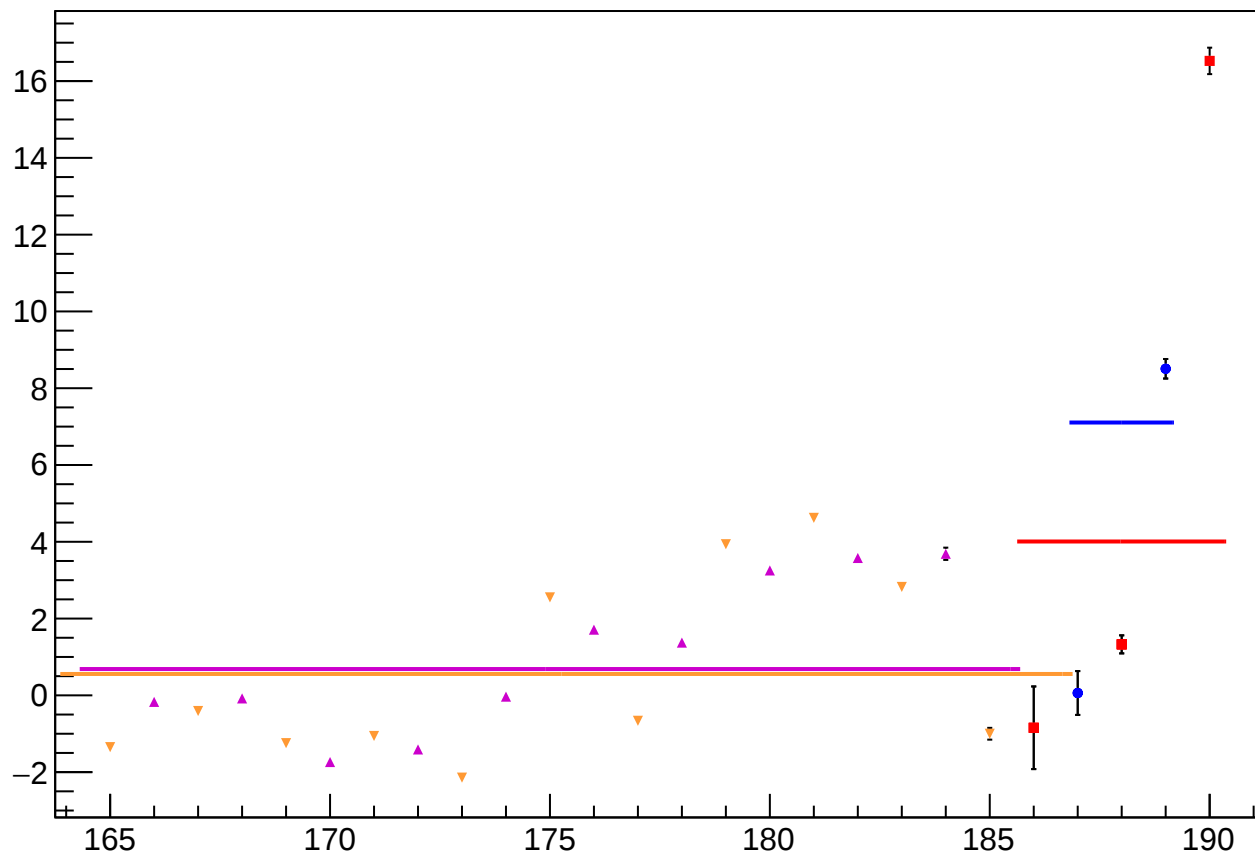
Right In: 1.494 ± 0.137 $\chi^2/\text{NDF}: 2.7/3$
 Left Out: -3.835 ± 0.032 $\chi^2/\text{NDF}: 13133.6/10$
 Right Out: 1.986 ± 0.094 $\chi^2/\text{NDF}: 1041.1/4$
 Left In: -4.138 ± 0.033 $\chi^2/\text{NDF}: 8487.2/9$

Left: -3.982 ± 0.023 $\chi^2/\text{NDF}: 21663.7/20$
 Right: 1.828 ± 0.077 $\chi^2/\text{NDF}: 1052.5/8$

In: -3.826 ± 0.032 $\chi^2/\text{NDF}: 10086.8/13$
 Out: -3.223 ± 0.030 $\chi^2/\text{NDF}: 17613.0/15$

All: -3.507 ± 0.022 $\chi^2/\text{NDF}: 27884.6/29$

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.107 $\pm$ 0.164 χ^2 /NDF: 365.2/3

Left Out: 0.557 $\pm$ 0.028 χ^2 /NDF: 6803.5/10

Right Out: 4.007 $\pm$ 0.147 χ^2 /NDF: 1620.8/4

Left In: 0.686 $\pm$ 0.030 χ^2 /NDF: 4103.1/9

Left: 0.619 $\pm$ 0.020 χ^2 /NDF: 10916.4/20

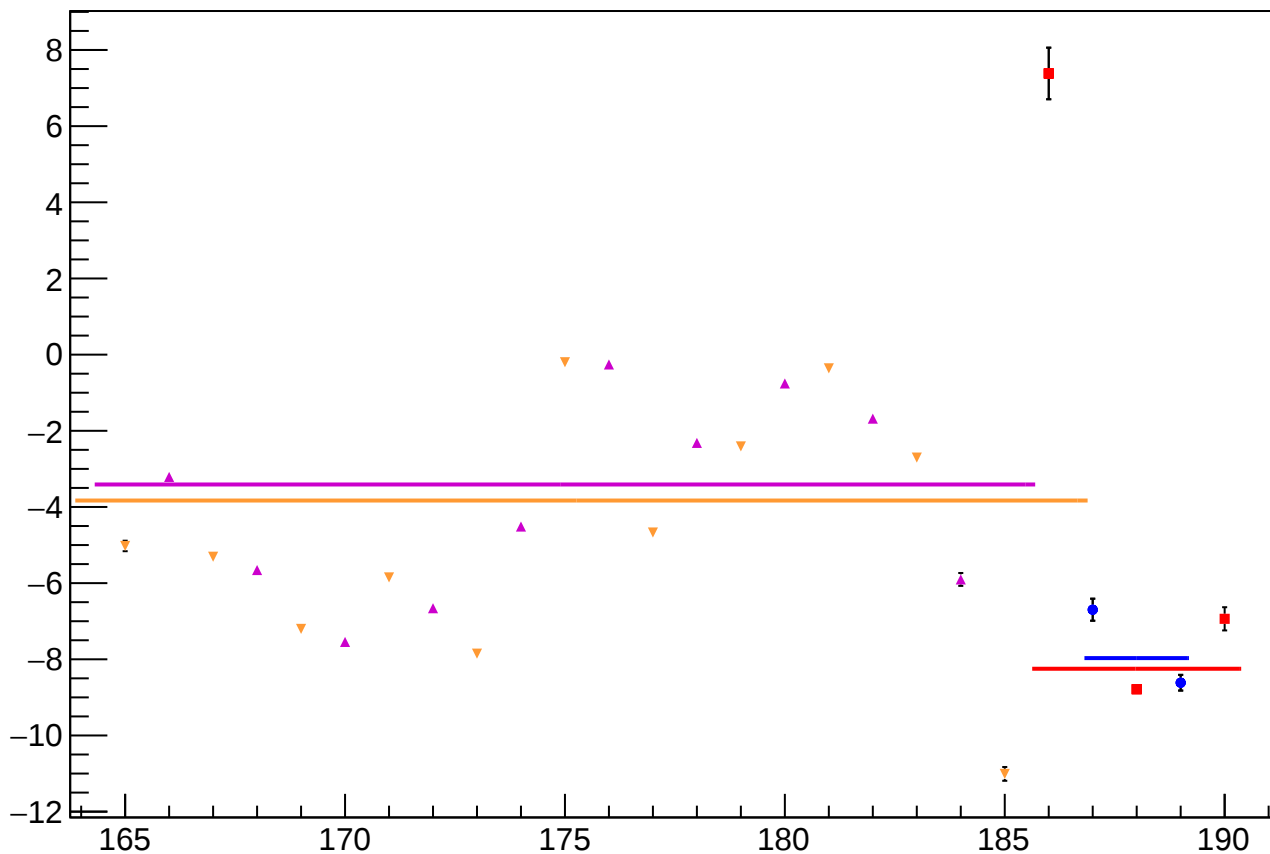
Right: 5.383 $\pm$ 0.109 χ^2 /NDF: 2183.7/8

In: 0.887 $\pm$ 0.029 χ^2 /NDF: 5946.7/13

Out: 0.681 $\pm$ 0.028 χ^2 /NDF: 8956.5/15

All: 0.780 $\pm$ 0.020 χ^2 /NDF: 14929.4/29

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.968 ± 0.119 χ^2/NDF : 58.2/3

Left Out: -3.831 ± 0.033 χ^2/NDF : 8134.6/10

Right Out: -8.248 ± 0.077 χ^2/NDF : 1128.1/4

Left In: -3.409 ± 0.034 χ^2/NDF : 5604.8/9

Left: -3.627 ± 0.024 χ^2/NDF : 13819.5/20

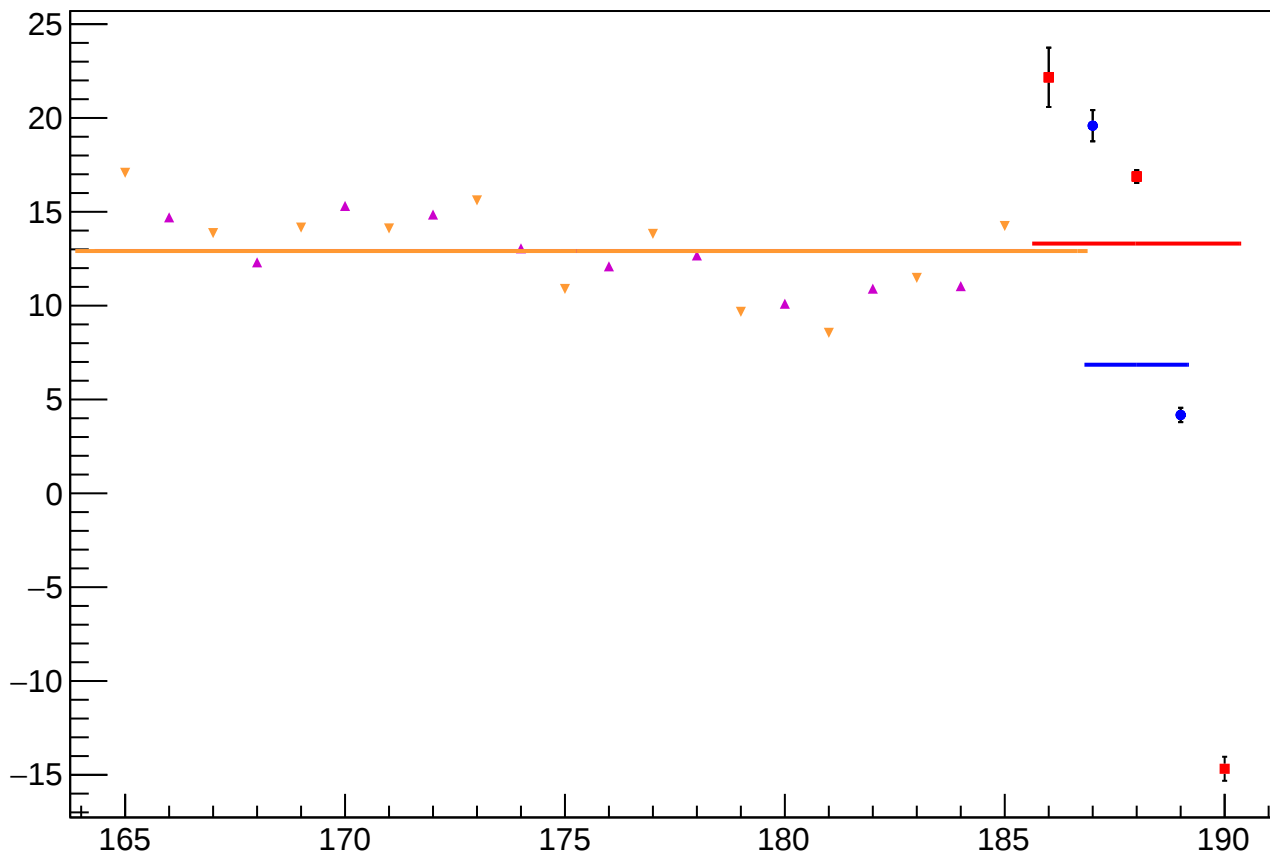
Right: -8.165 ± 0.065 χ^2/NDF : 1190.2/8

In: -3.751 ± 0.033 χ^2/NDF : 7026.2/13

Out: -4.505 ± 0.030 χ^2/NDF : 12040.9/15

All: -4.156 ± 0.022 χ^2/NDF : 19356.6/29

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 12.911 $\pm$ 0.022 χ^2/NDF : 9357.3/20

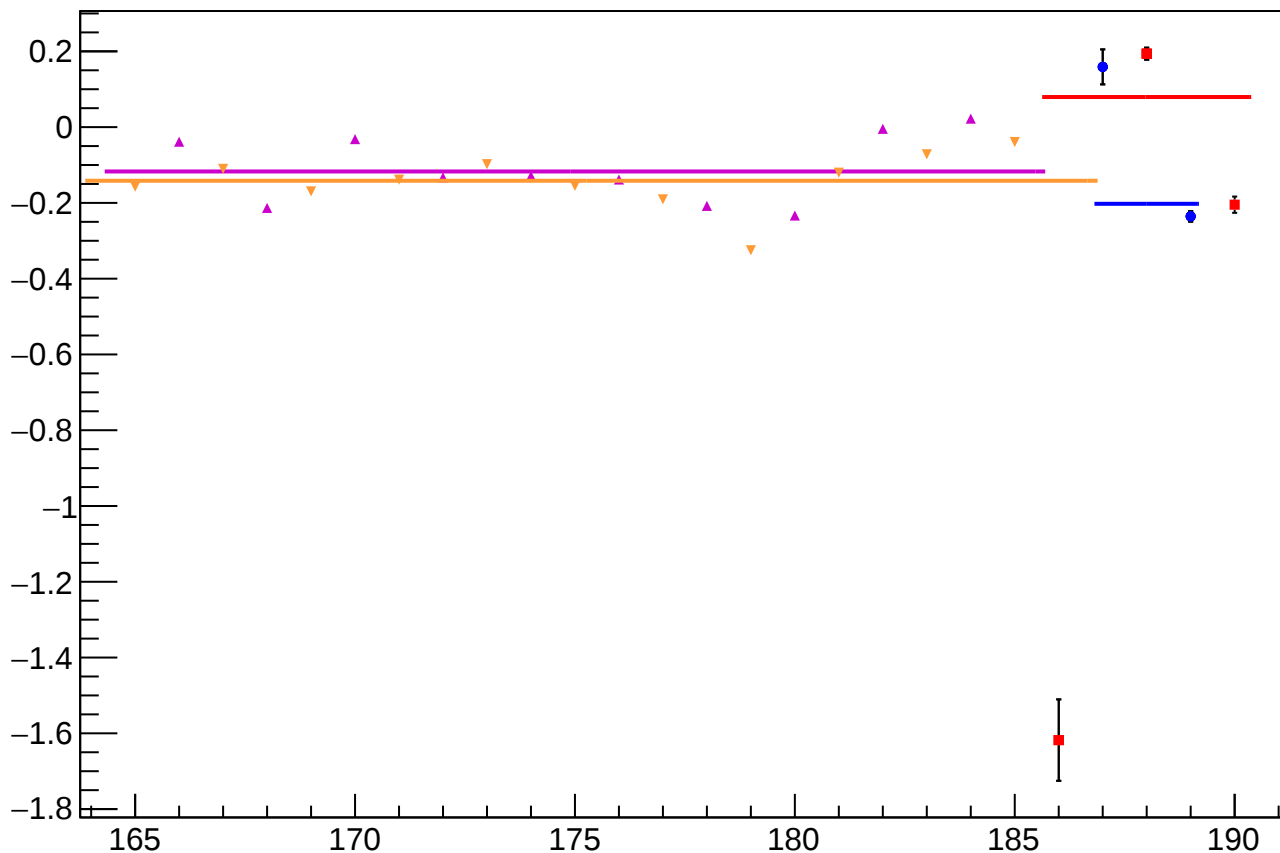
Right: 10.400 $\pm$ 0.164 χ^2/NDF : 3140.1/8

In: 12.811 $\pm$ 0.032 χ^2/NDF : 4219.6/13

Out: 12.917 $\pm$ 0.030 χ^2/NDF : 8501.2/15

All: 12.866 $\pm$ 0.022 χ^2/NDF : 12726.6/29

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.202 ± 0.009 $\chi^2/\text{NDF}: 133.8/3$

Left Out: -0.142 ± 0.001 $\chi^2/\text{NDF}: 2017.7/10$

Right Out: 0.079 ± 0.010 $\chi^2/\text{NDF}: 778.8/4$

Left In: -0.117 ± 0.001 $\chi^2/\text{NDF}: 3219.8/9$

Left: -0.130 ± 0.001 $\chi^2/\text{NDF}: 5393.3/20$

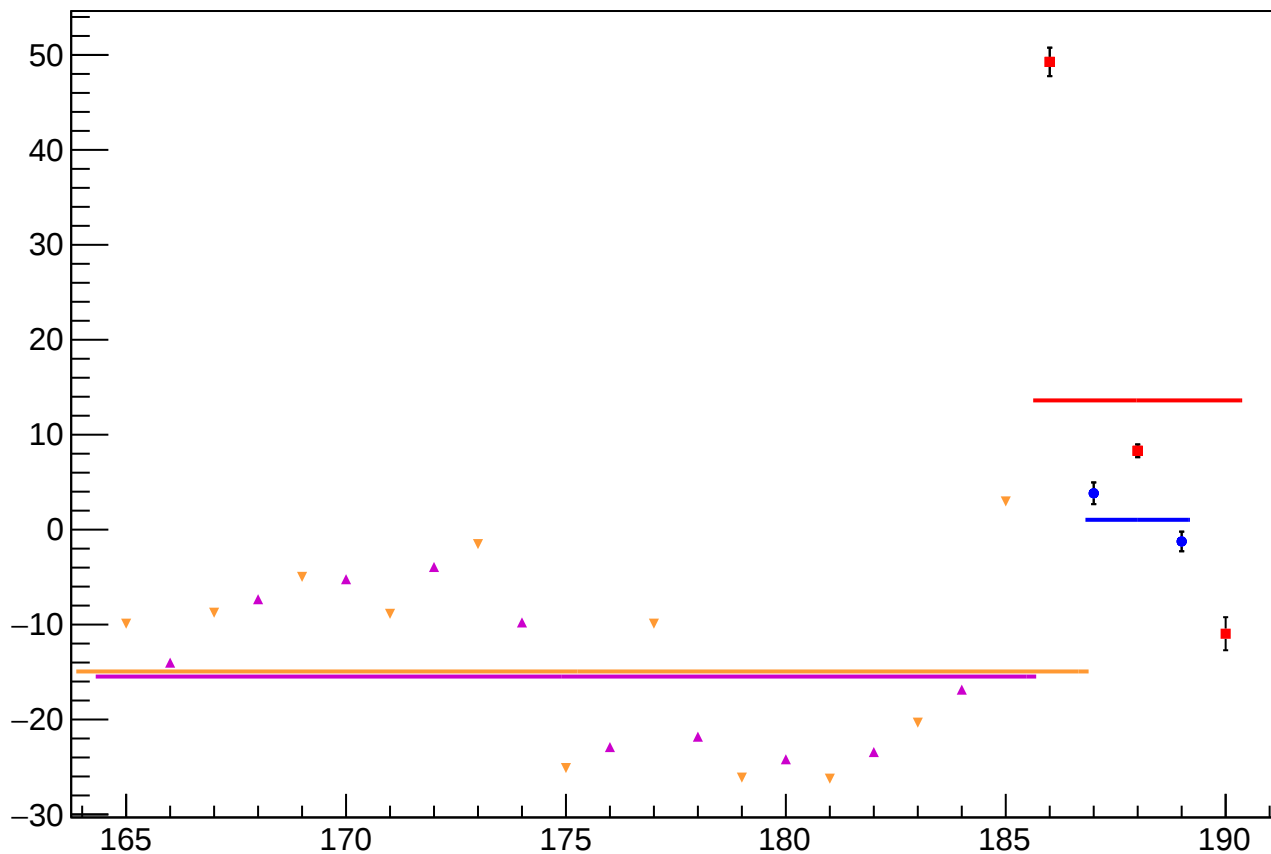
Right: -0.067 ± 0.007 $\chi^2/\text{NDF}: 1338.5/8$

In: -0.119 ± 0.001 $\chi^2/\text{NDF}: 3433.2/13$

Out: -0.137 ± 0.001 $\chi^2/\text{NDF}: 3290.5/15$

All: -0.128 ± 0.001 $\chi^2/\text{NDF}: 6814.1/29$

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.036+/-0.542 χ^2/NDF : 21.7/3

Left Out: -14.939+/-0.089 χ^2/NDF : 11499.8/10

Right Out: 13.612+/-0.420 χ^2/NDF : 1454.8/4

Left In: -15.476+/-0.092 χ^2/NDF : 7231.7/9

Left: -15.200+/-0.064 χ^2/NDF : 18749.0/20

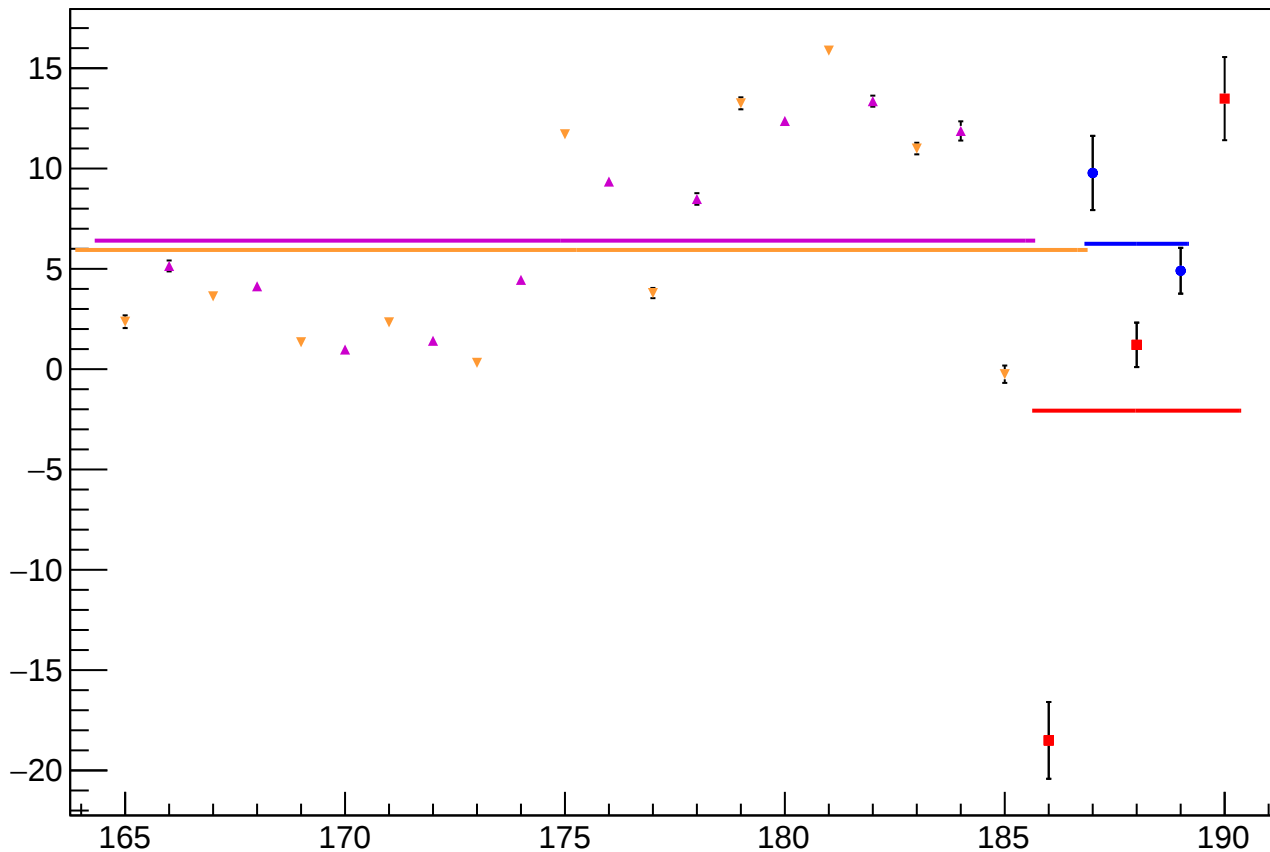
Right: 8.889+/-0.332 χ^2/NDF : 1812.8/8

In: -15.015+/-0.091 χ^2/NDF : 8156.1/13

Out: -13.704+/-0.087 χ^2/NDF : 17371.0/15

All: -14.336+/-0.063 χ^2/NDF : 25635.5/29

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.249 ± 0.687 $\chi^2/\text{NDF}: 10.1/3$

Left Out: 5.942 ± 0.078 $\chi^2/\text{NDF}: 4862.1/10$

Right Out: -2.068 ± 0.644 $\chi^2/\text{NDF}: 221.3/4$

Left In: 6.406 ± 0.082 $\chi^2/\text{NDF}: 2793.8/9$

Left: 6.165 ± 0.056 $\chi^2/\text{NDF}: 7672.7/20$

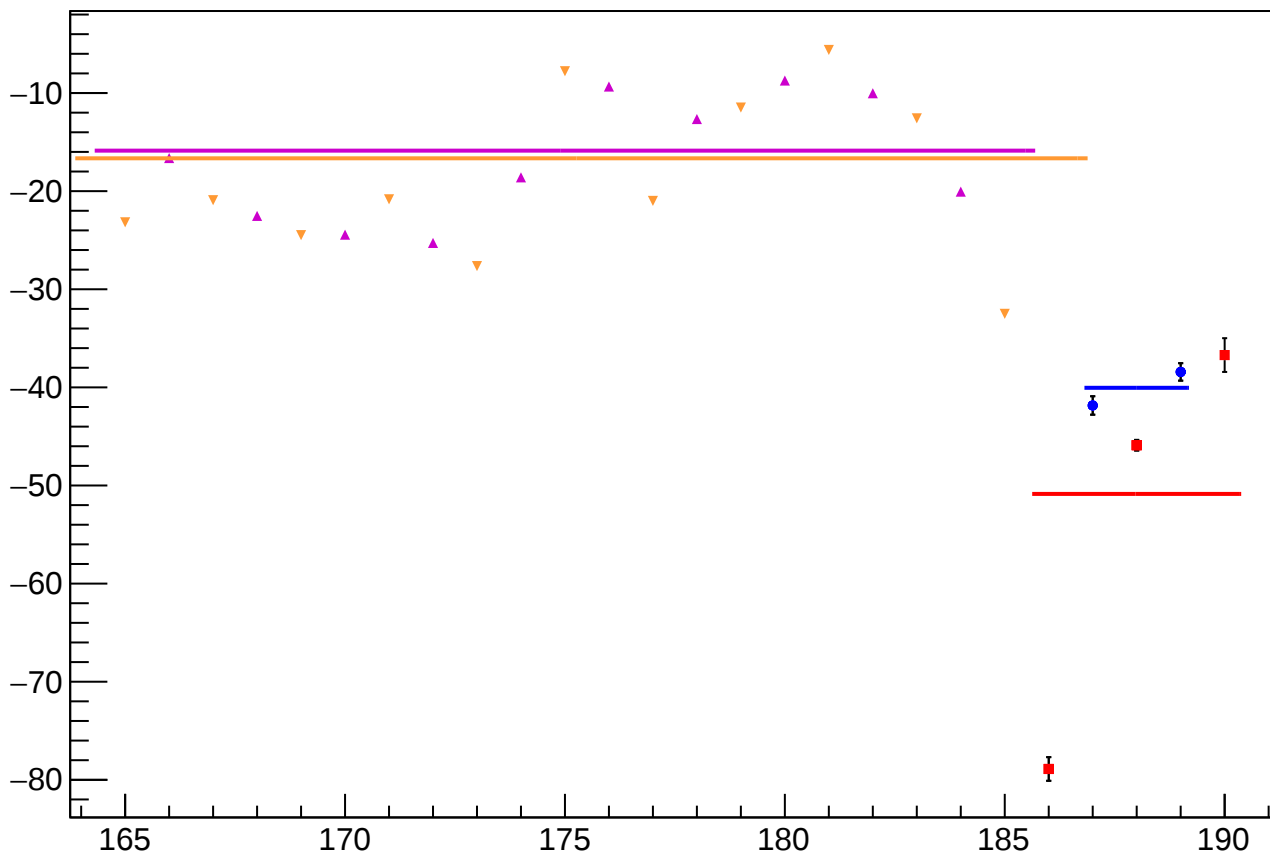
Right: 1.825 ± 0.470 $\chi^2/\text{NDF}: 309.4/8$

In: 6.404 ± 0.081 $\chi^2/\text{NDF}: 2803.9/13$

Out: 5.825 ± 0.078 $\chi^2/\text{NDF}: 5235.7/15$

All: 6.103 ± 0.056 $\chi^2/\text{NDF}: 8066.2/29$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.043+/-0.457 χ^2/NDF : 14.0/3
 Left Out: -16.653+/-0.091 χ^2/NDF : 7730.5/10
 Right Out: -50.859+/-0.342 χ^2/NDF : 1317.6/4
 Left In: -15.871+/-0.094 χ^2/NDF : 4428.4/9

Left: -16.274+/-0.065 χ^2/NDF : 12194.9/20

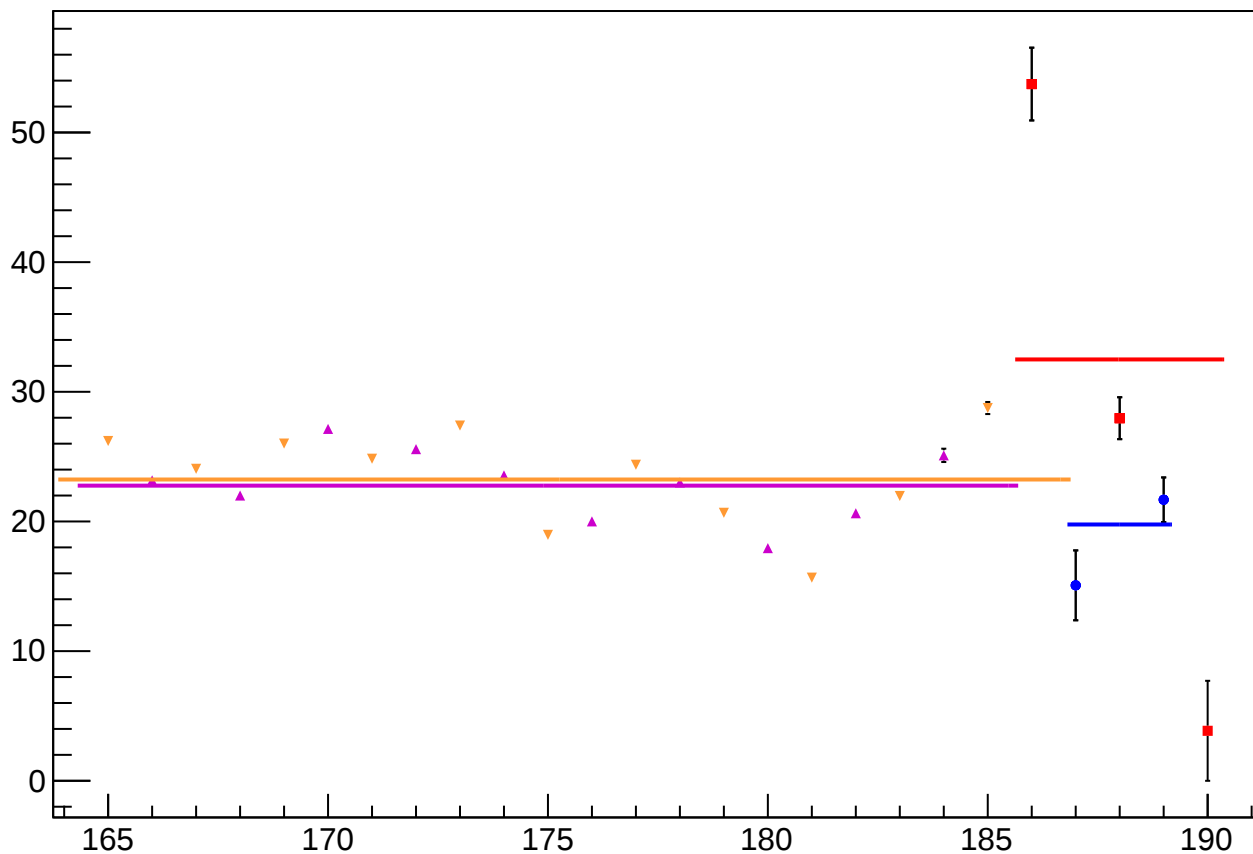
Right: -46.970+/-0.274 χ^2/NDF : 1690.3/8

In: -16.844+/-0.092 χ^2/NDF : 7127.6/13

Out: -18.903+/-0.088 χ^2/NDF : 18370.1/15

All: -17.918+/-0.063 χ^2/NDF : 25760.7/29

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.767+/-1.025 χ^2/NDF : 8.5/3

Left Out: 23.236+/-0.085 χ^2/NDF : 1881.1/10

Right Out: 32.496+/-0.959 χ^2/NDF : 185.5/4

Left In: 22.763+/-0.088 χ^2/NDF : 995.1/9

Left: 23.009+/-0.061 χ^2/NDF : 2891.1/20

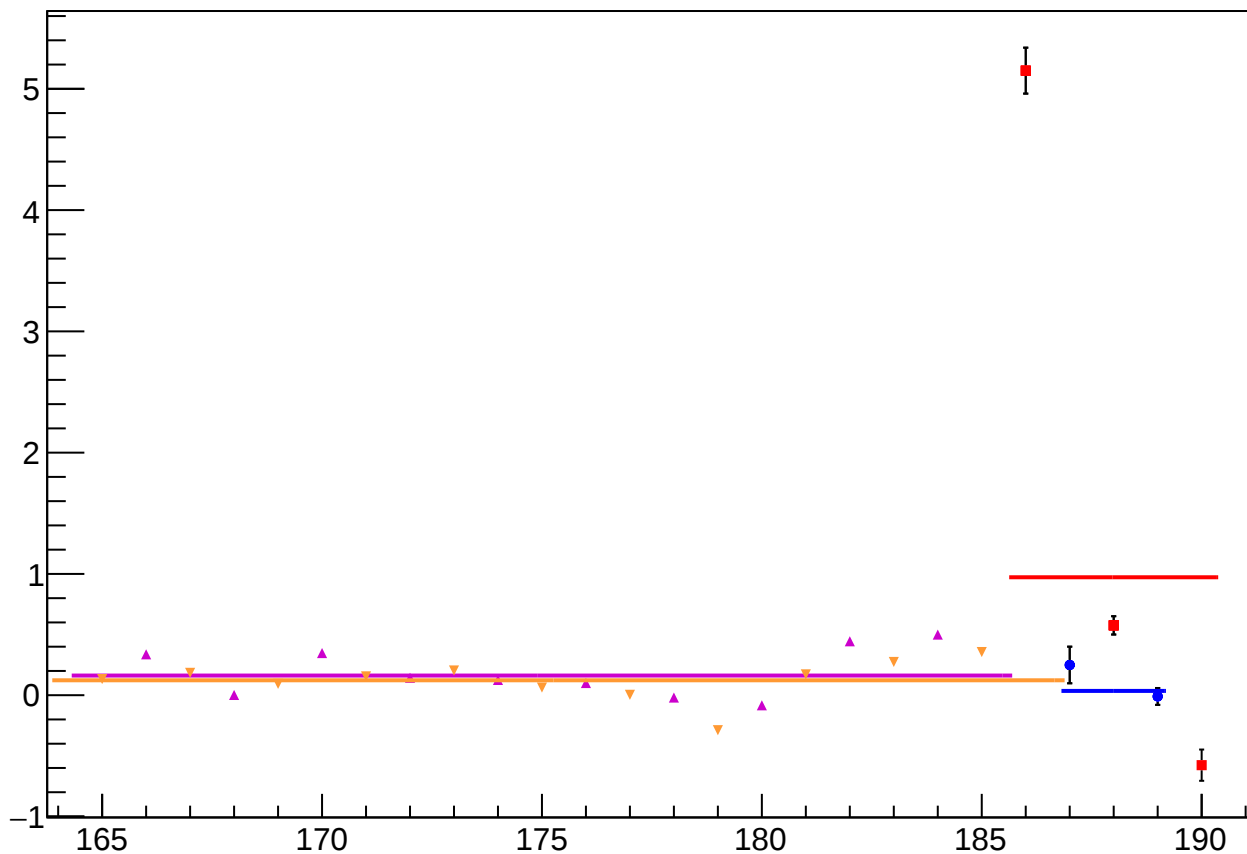
Right: 26.550+/-0.700 χ^2/NDF : 276.2/8

In: 22.741+/-0.088 χ^2/NDF : 1012.1/13

Out: 23.308+/-0.085 χ^2/NDF : 2159.0/15

All: 23.036+/-0.061 χ^2/NDF : 3192.7/29

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.035 ± 0.045 χ^2/NDF : 4.9/3

Left Out: 0.123 ± 0.004 χ^2/NDF : 1297.1/10

Right Out: 0.972 ± 0.046 χ^2/NDF : 1172.9/4

Left In: 0.162 ± 0.004 χ^2/NDF : 1930.4/9

Left: 0.142 ± 0.003 χ^2/NDF : 3279.6/20

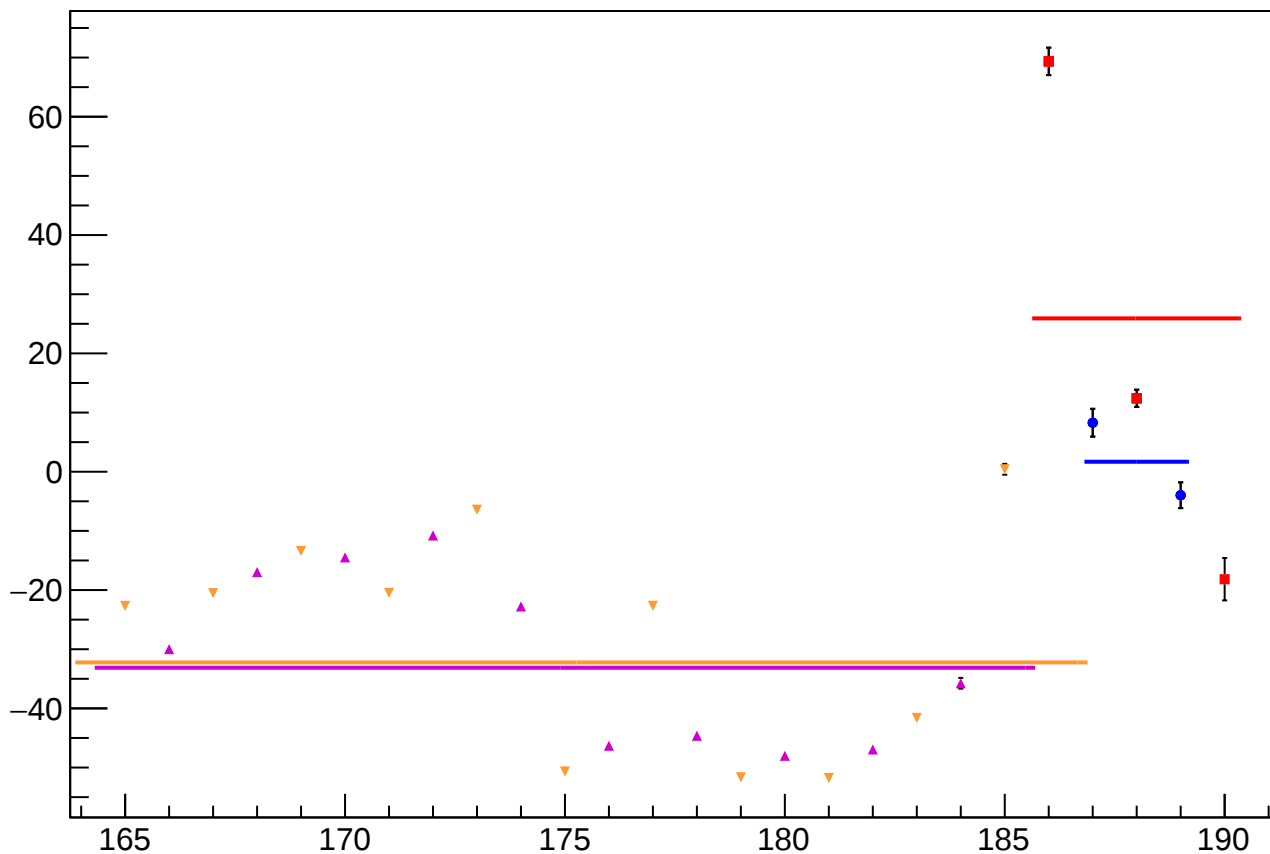
Right: 0.488 ± 0.032 χ^2/NDF : 1390.2/8

In: 0.161 ± 0.004 χ^2/NDF : 1943.3/13

Out: 0.129 ± 0.004 χ^2/NDF : 2805.4/15

All: 0.144 ± 0.003 χ^2/NDF : 4785.0/29

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 6614.8/9$

Left: -32.669 ± 0.122 $\chi^2/\text{NDF}: 17228.7/20$

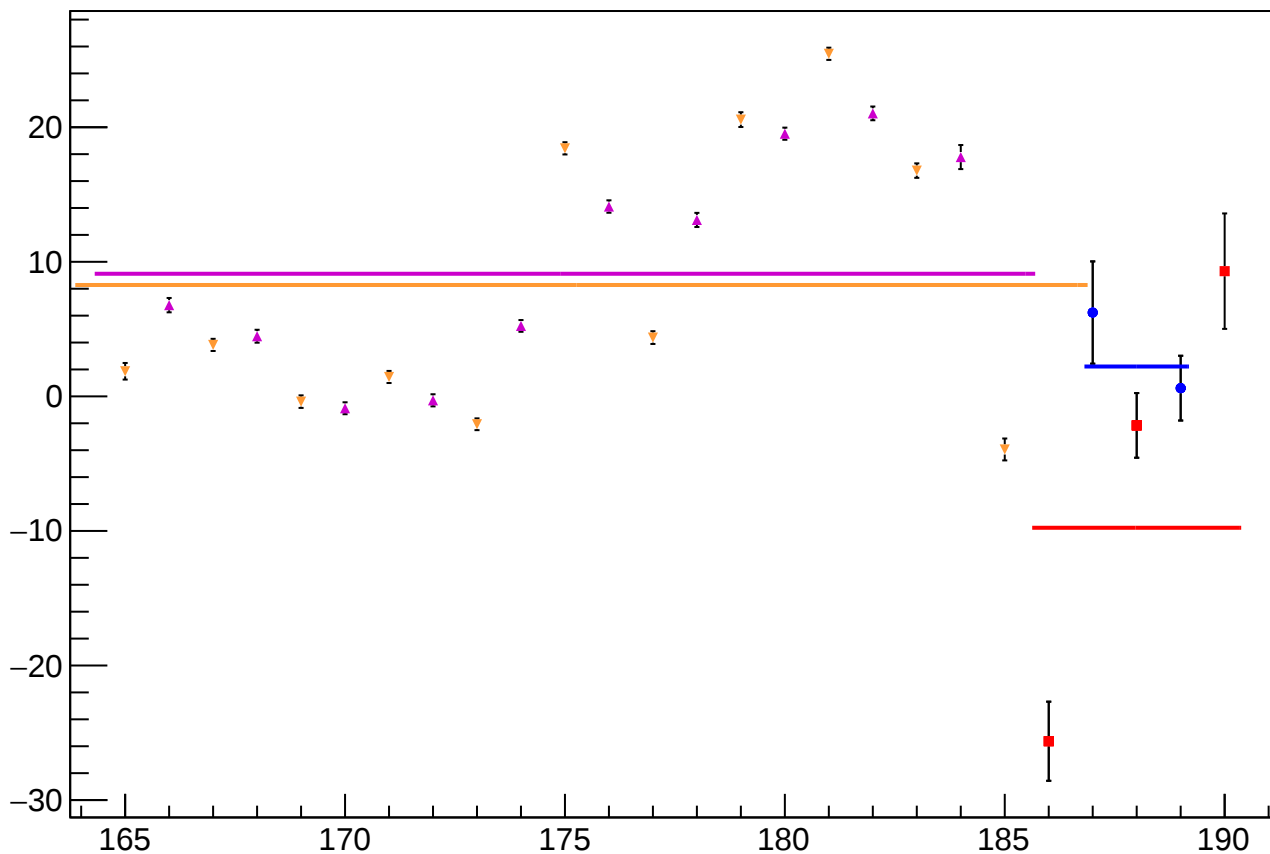
Right: 17.194 ± 0.678 $\chi^2/\text{NDF}: 1349.9/8$

In: -32.320 ± 0.173 $\chi^2/\text{NDF}: 7572.1/13$

Out: -29.979 ± 0.167 $\chi^2/\text{NDF}: 16154.1/15$

All: -31.108 ± 0.120 $\chi^2/\text{NDF}: 23821.4/29$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 8.679 ± 0.108 χ^2/NDF : 6794.3/20

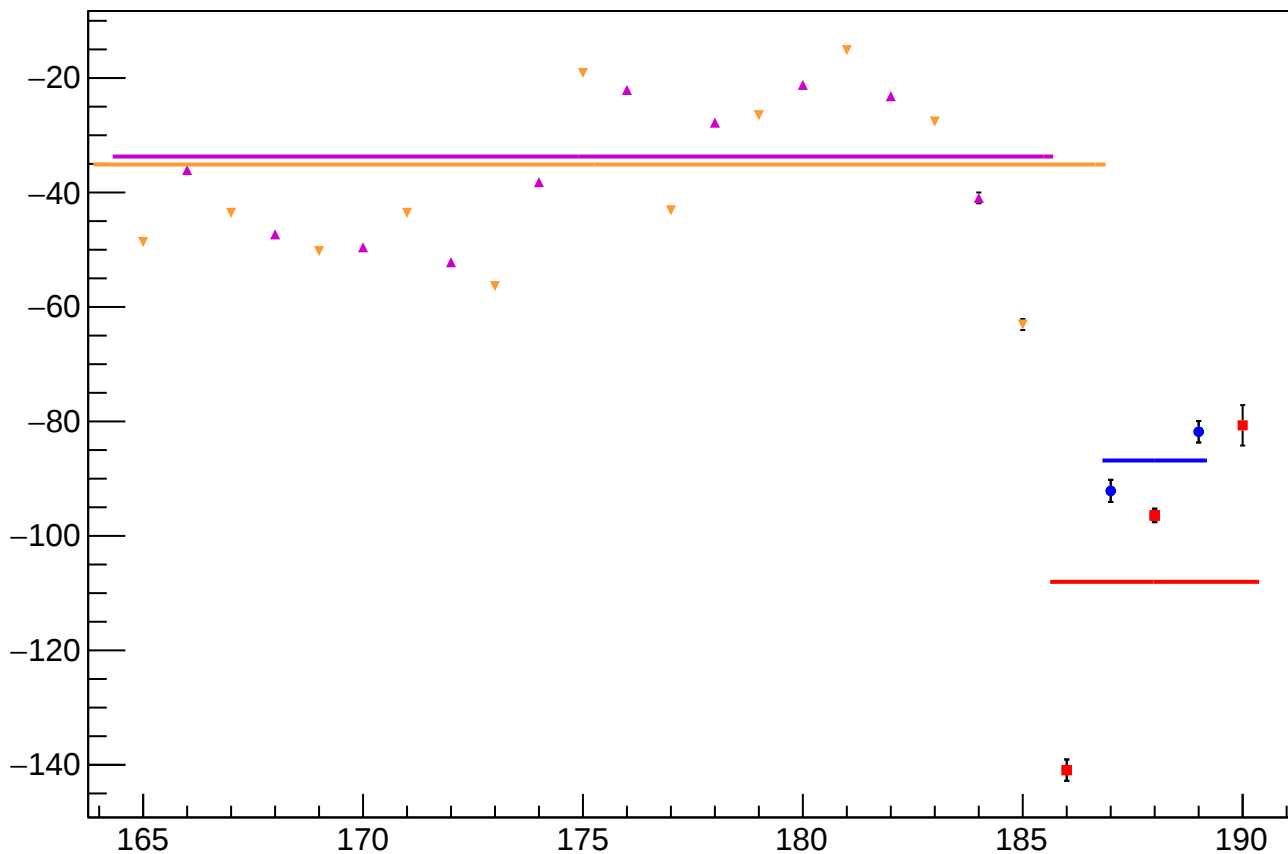
Right: -4.568 ± 0.947 χ^2/NDF : 140.5/8

In: 9.032 ± 0.155 χ^2/NDF : 2501.7/13

Out: 8.026 ± 0.149 χ^2/NDF : 4604.4/15

All: 8.509 ± 0.107 χ^2/NDF : 7128.1/29

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -34.431+/-0.124 χ^2/NDF : 11547.5/20

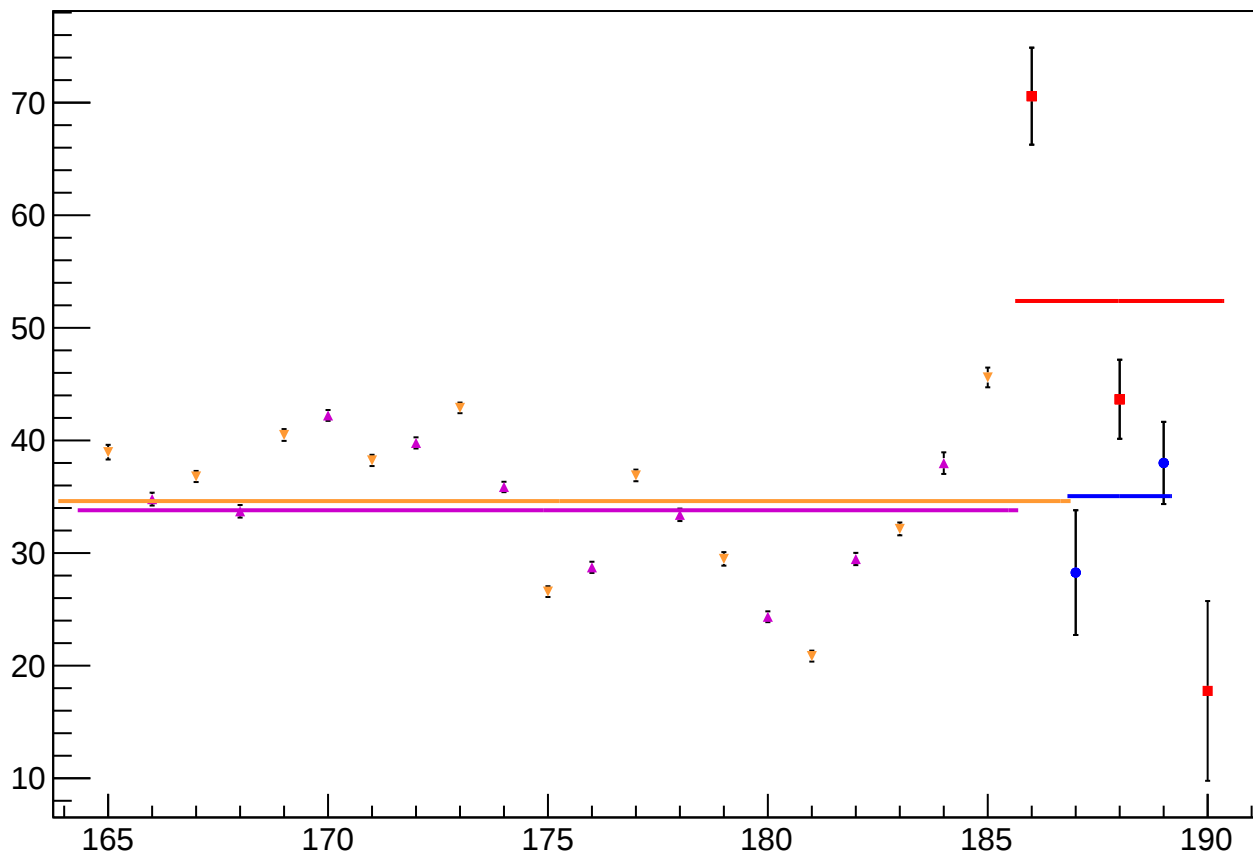
Right: -100.736+/-0.559 χ^2/NDF : 1233.0/8

In: -35.506+/-0.175 χ^2/NDF : 7200.1/13

Out: -39.417+/-0.168 χ^2/NDF : 18745.2/15

All: -37.544+/-0.121 χ^2/NDF : 26205.8/29

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 34.222 $\pm$ 0.117 χ^2 /NDF: 2957.5/20

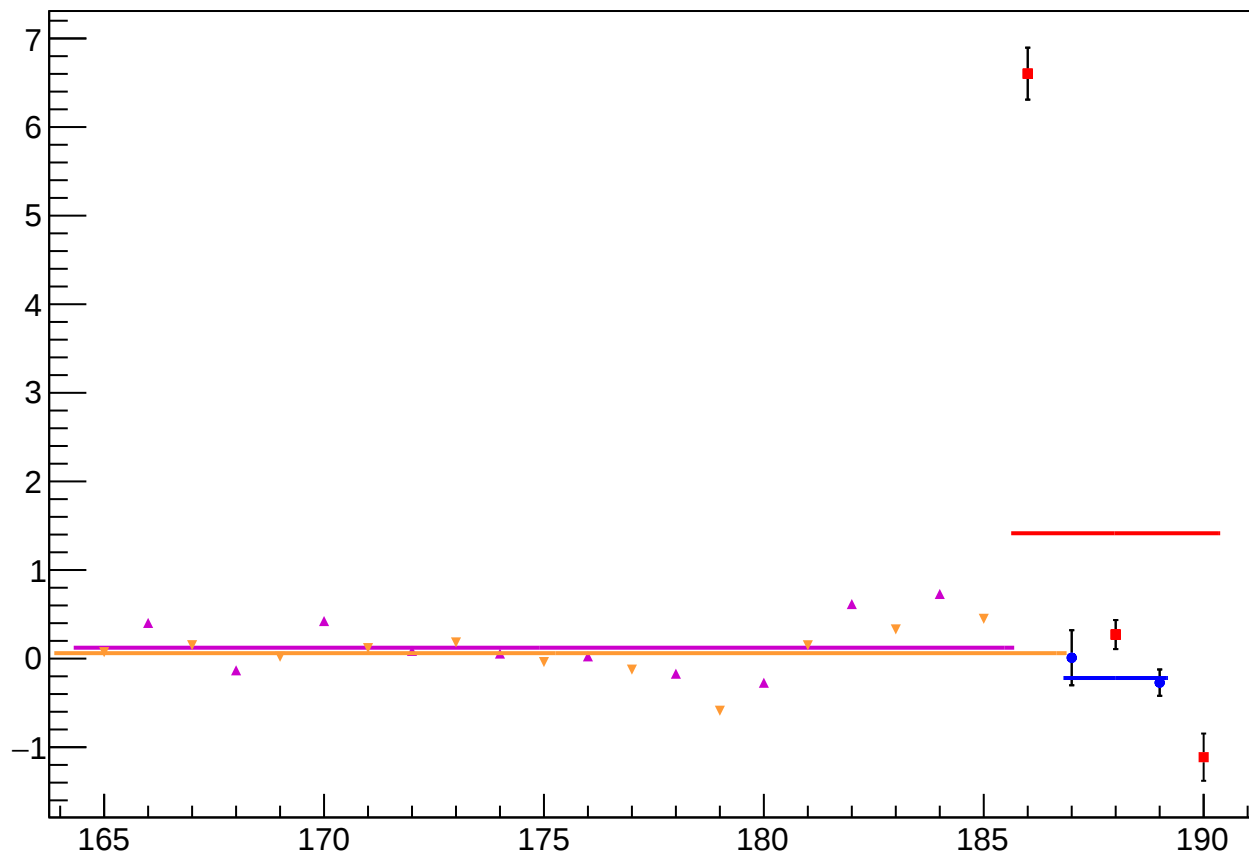
Right: 44.936 $\pm$ 1.413 χ^2 /NDF: 108.0/8

In: 33.808 $\pm$ 0.168 χ^2 /NDF:1051.1/13

Out: 34.747 $\pm$ 0.162 χ^2 /NDF:2055.3/15

All: 34.295 $\pm$ 0.116 χ^2 /NDF: 3122.7/29

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.219 ± 0.095 $\chi^2/\text{NDF}: 1.3/3$

Left Out: 0.061 ± 0.007 $\chi^2/\text{NDF}: 972.1/10$

Right Out: 1.415 ± 0.095 $\chi^2/\text{NDF}: 813.2/4$

Left In: 0.123 ± 0.007 $\chi^2/\text{NDF}: 1505.0/9$

Left: 0.091 ± 0.005 $\chi^2/\text{NDF}: 2512.5/20$

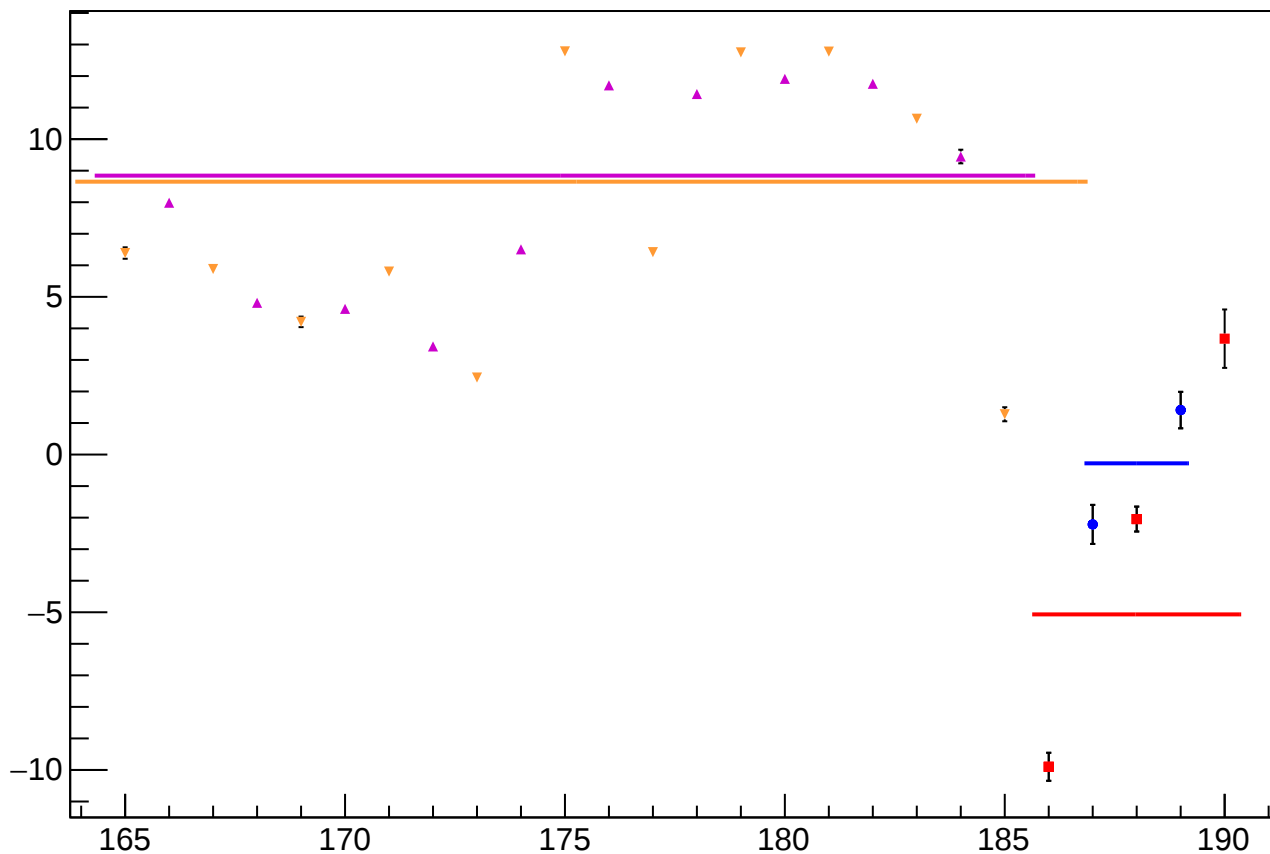
Right: 0.600 ± 0.067 $\chi^2/\text{NDF}: 963.4/8$

In: 0.121 ± 0.007 $\chi^2/\text{NDF}: 1519.3/13$

Out: 0.069 ± 0.007 $\chi^2/\text{NDF}: 1988.9/15$

All: 0.094 ± 0.005 $\chi^2/\text{NDF}: 3533.2/29$

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.278 ± 0.299 χ^2/NDF : 36.6/3

Left Out: 8.651 ± 0.042 χ^2/NDF : 8919.7/10

Right Out: -5.067 ± 0.204 χ^2/NDF : 442.9/4

Left In: 8.843 ± 0.043 χ^2/NDF : 5548.2/9

Left: 8.745 ± 0.030 χ^2/NDF : 14478.1/20

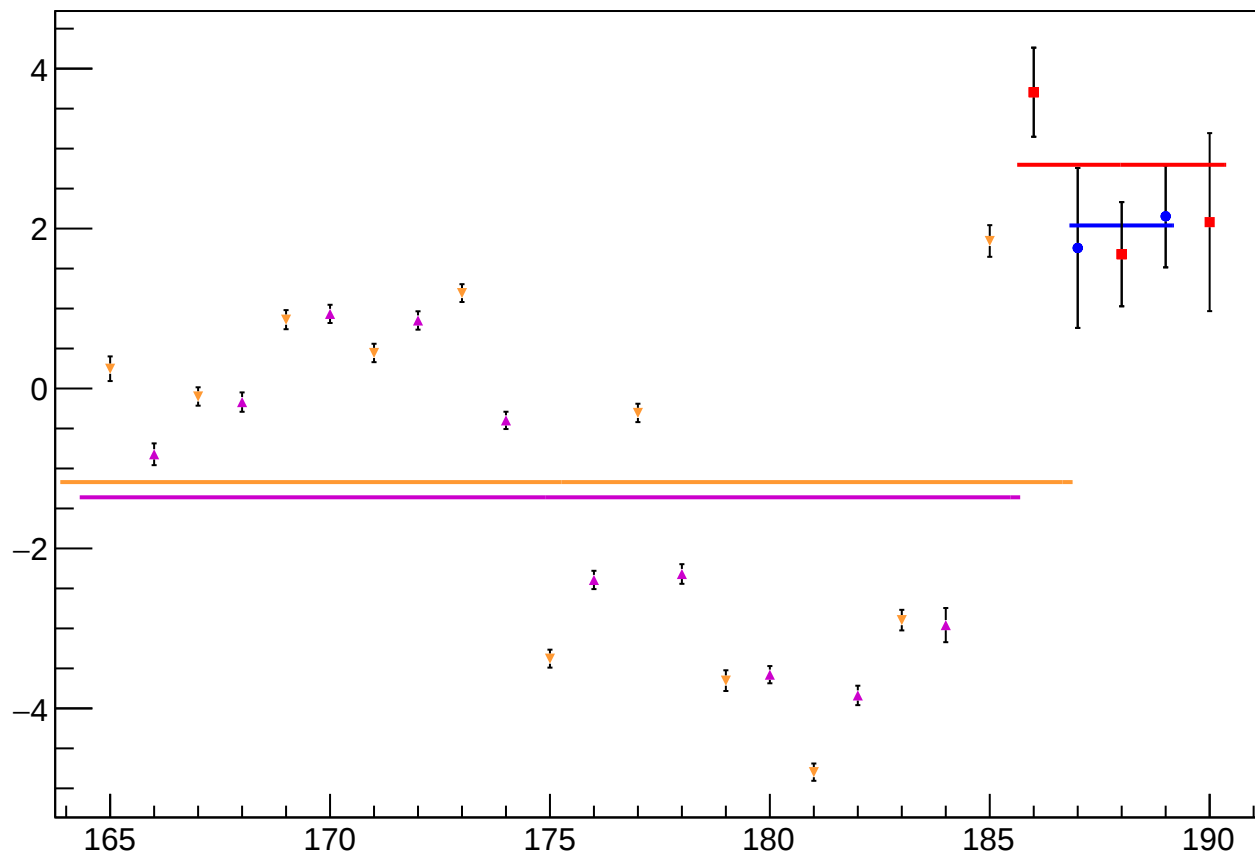
Right: -3.549 ± 0.168 χ^2/NDF : 655.0/8

In: 8.659 ± 0.042 χ^2/NDF : 6498.4/13

Out: 8.097 ± 0.041 χ^2/NDF : 13720.2/15

All: 8.367 ± 0.029 χ^2/NDF : 20309.3/29

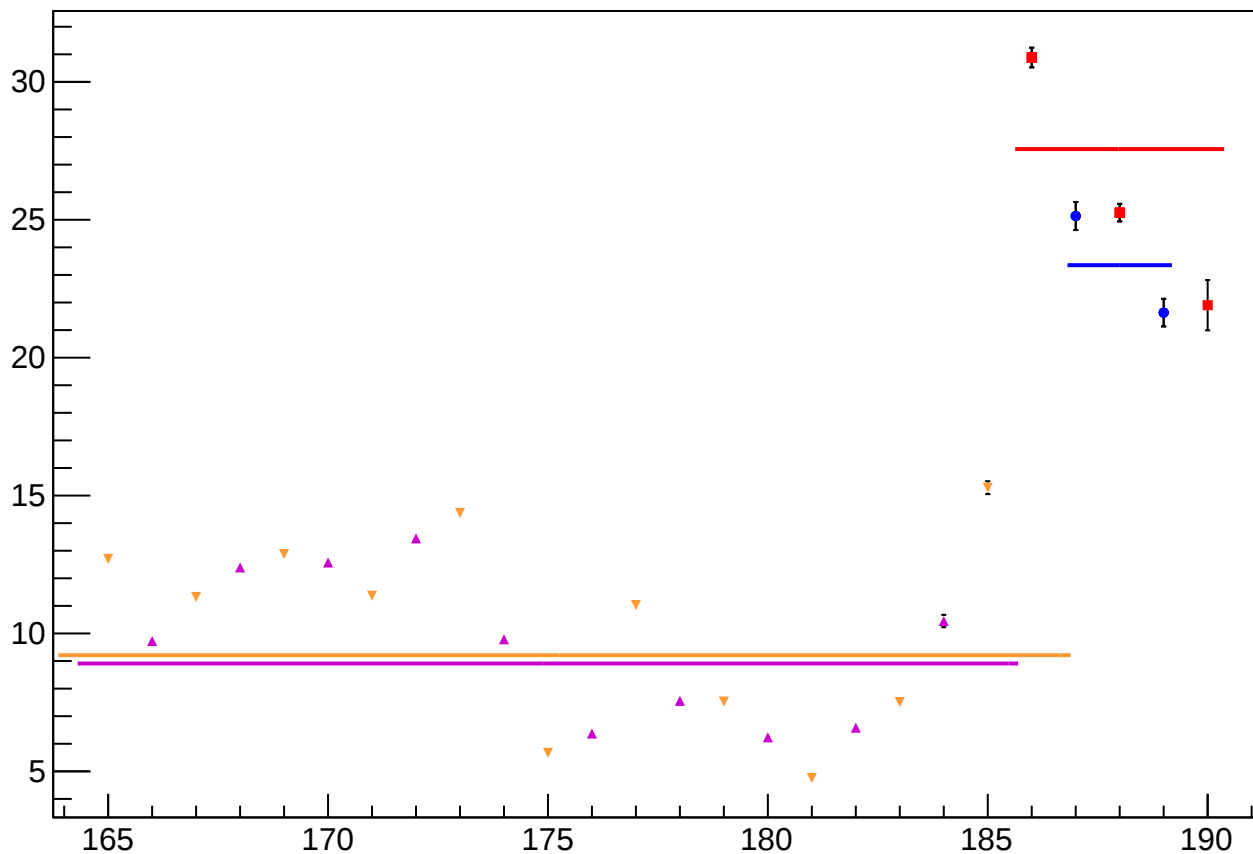
reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -1.262 $\pm$ 0.027 χ^2 /NDF: 5474.1/20
 Right: 2.520 $\pm$ 0.230 χ^2 /NDF: 14.4/8
 In: -1.326 $\pm$ 0.038 χ^2 /NDF:2084.9/13
 Out: -1.106 $\pm$ 0.037 χ^2 /NDF:3652.6/15
 All: -1.212 $\pm$ 0.026 χ^2 /NDF: 5754.8/29

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 9.067 +/- 0.030 χ^2/NDF : 10077.2/20

Right: 26.297 +/- 0.138 χ^2/NDF : 559.1/8

In: 9.332 +/- 0.043 χ^2/NDF : 6862.3/13

Out: 10.350 +/- 0.041 χ^2/NDF : 18290.8/15

All: 9.864 +/- 0.030 χ^2/NDF : 25445.4/29

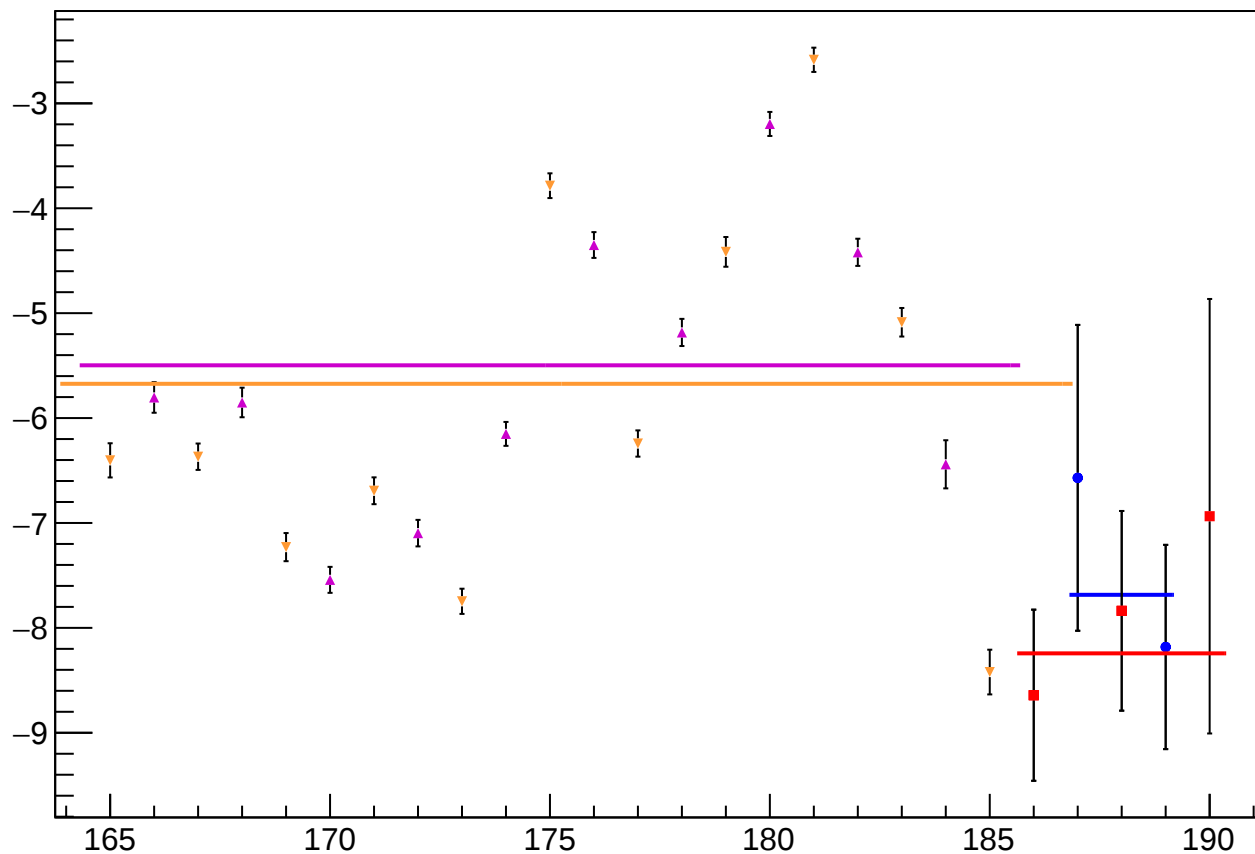
Right In: 23.354 +/- 0.252 χ^2/NDF : 48.3/3

Left Out: 9.214 +/- 0.042 χ^2/NDF : 6425.1/10

Right Out: 27.563 +/- 0.165 χ^2/NDF : 316.0/4

Left In: 8.911 +/- 0.044 χ^2/NDF : 3627.5/9

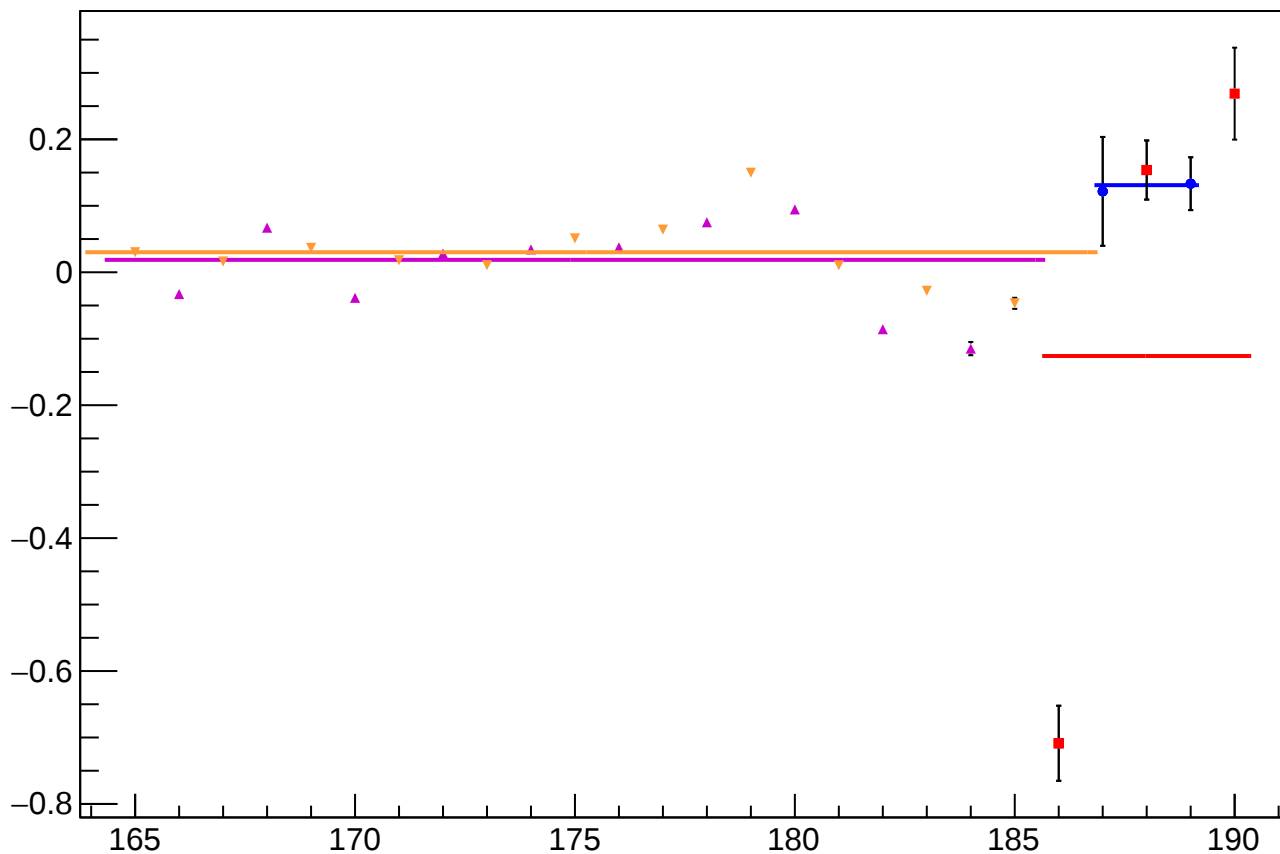
reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: -5.588 ± 0.029 χ^2/NDF : 2868.7/20
 Right: -8.043 ± 0.343 χ^2/NDF : 3.5/8
 In: -5.509 ± 0.041 χ^2/NDF : 1074.7/13
 Out: -5.696 ± 0.040 χ^2/NDF : 1837.8/15
 All: -5.605 ± 0.029 χ^2/NDF : 2923.1/29

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.025 $\pm$ 0.001 χ^2 /NDF: 1671.2/20

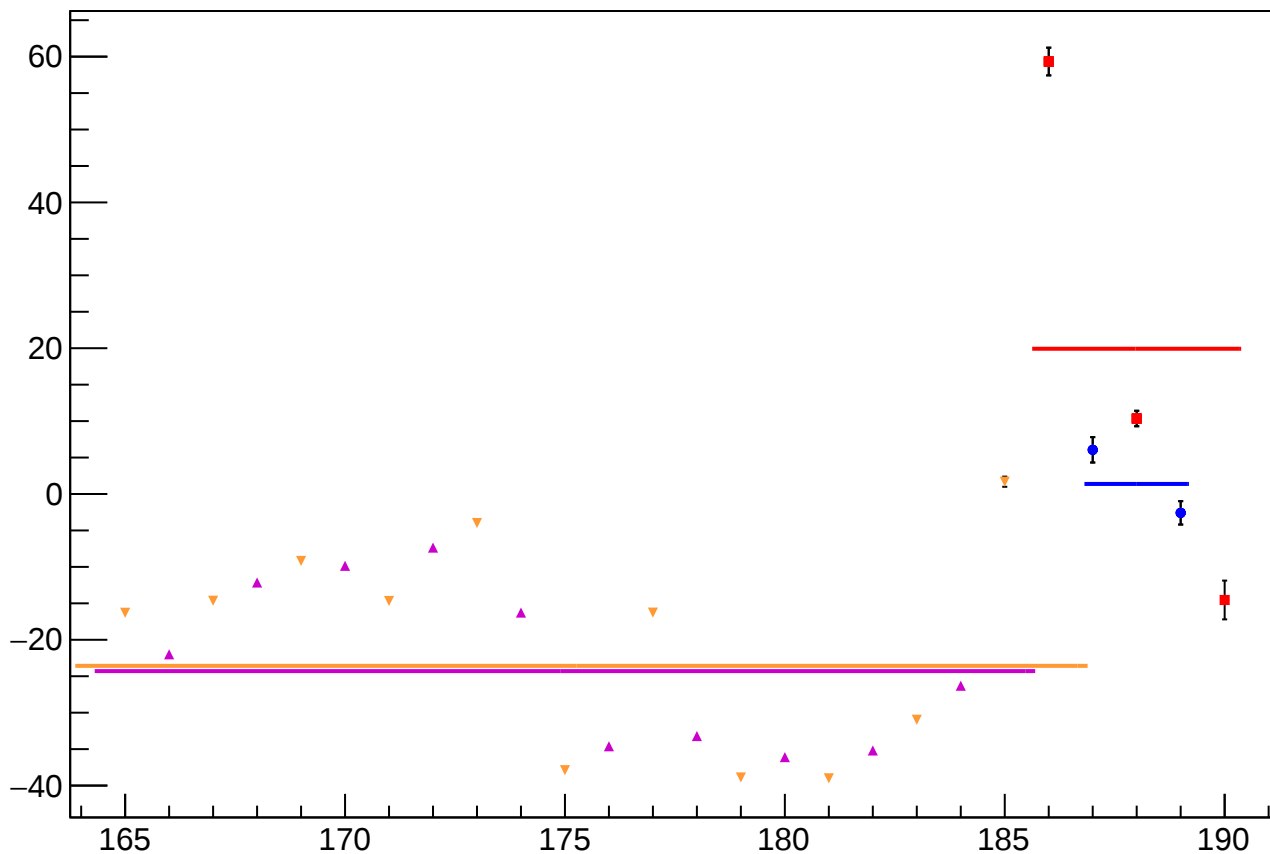
Right: -0.008 $\pm$ 0.017 χ^2 /NDF: 380.7/8

In: 0.019 $\pm$ 0.002 χ^2 /NDF:1055.7/13

Out: 0.029 $\pm$ 0.002 χ^2 /NDF:984.5/15

All: 0.024 $\pm$ 0.001 χ^2 /NDF: 2055.5/29

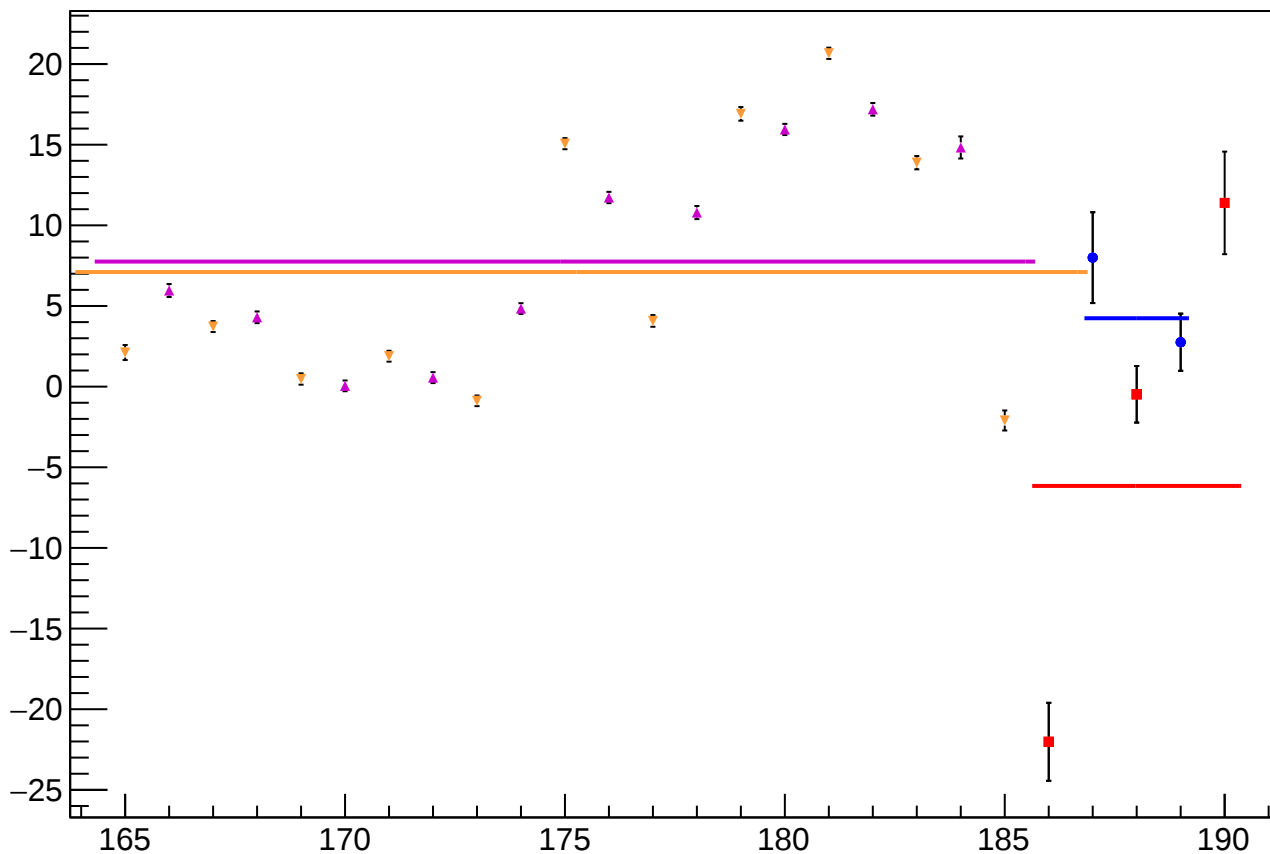
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -23.925+/-0.093 χ^2/NDF : 17881.8/20
 Right: 13.096+/-0.506 χ^2/NDF : 1528.7/8
 In: -23.659+/-0.131 χ^2/NDF :7826.1/13
 Out: -21.856+/-0.127 χ^2/NDF :16661.9/15
 All: -22.726+/-0.091 χ^2/NDF : 24585.8/29

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 7.416 $\pm$ 0.082 χ^2 /NDF: 7142.3/20

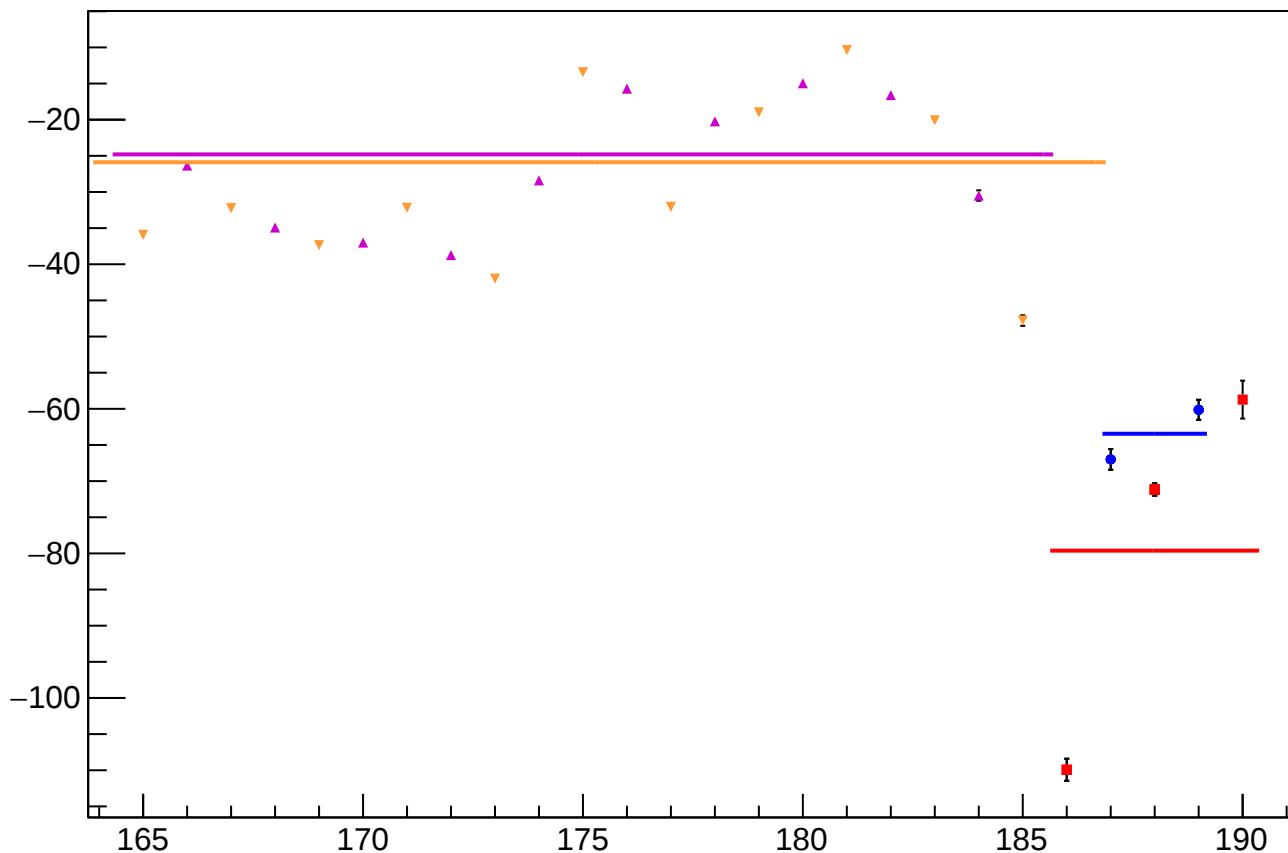
Right: -1.488 $\pm$ 0.711 χ^2 /NDF: 195.5/8

In: 7.710 $\pm$ 0.117 χ^2 /NDF:2617.0/13

Out: 6.921 $\pm$ 0.113 χ^2 /NDF:4852.3/15

All: 7.300 $\pm$ 0.081 χ^2 /NDF: 7492.8/29

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.447 ± 0.703 $\chi^2/\text{NDF}: 23.8/3$

Left Out: -25.889 ± 0.131 $\chi^2/\text{NDF}: 7537.2/10$

Right Out: -79.617 ± 0.519 $\chi^2/\text{NDF}: 1045.1/4$

Left In: -24.802 ± 0.135 $\chi^2/\text{NDF}: 4287.3/9$

Left: -25.361 ± 0.094 $\chi^2/\text{NDF}: 11857.7/20$

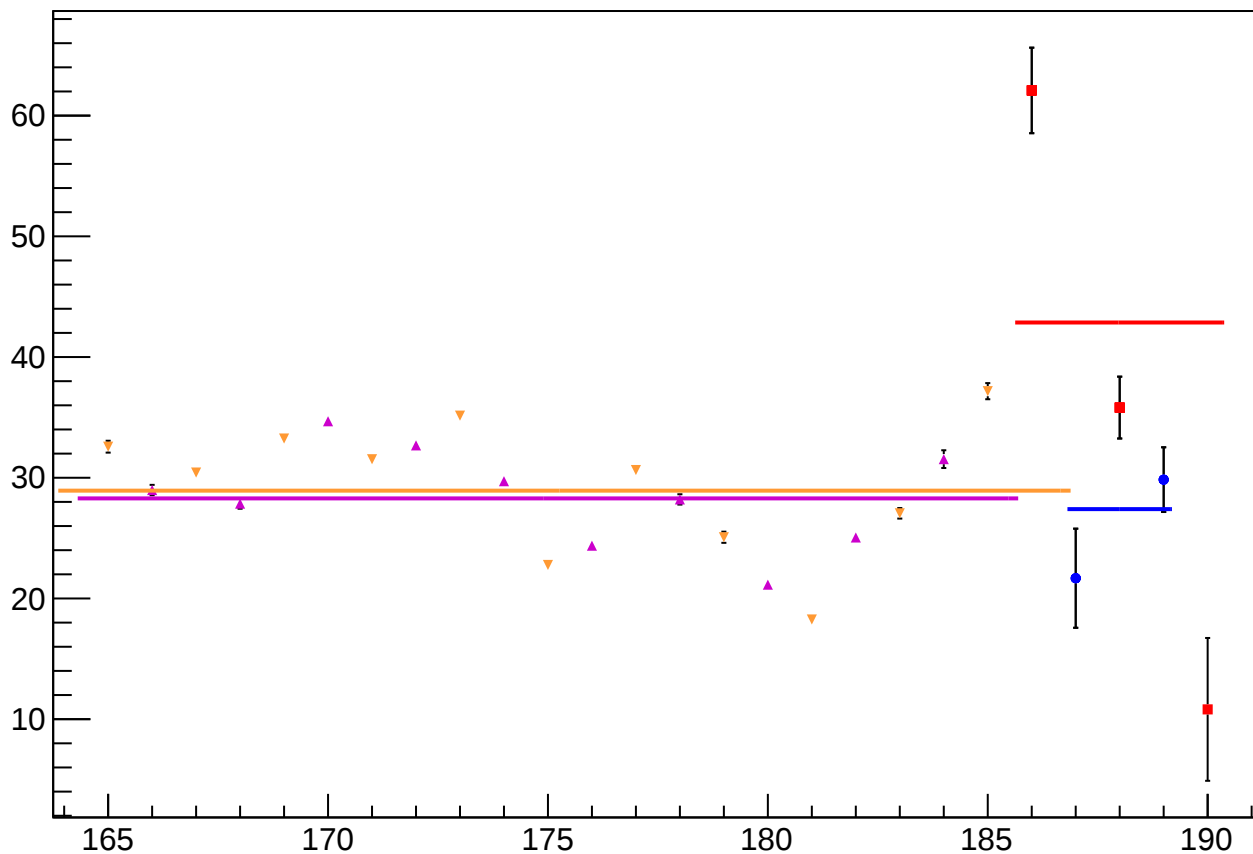
Right: -73.920 ± 0.417 $\chi^2/\text{NDF}: 1411.2/8$

In: -26.180 ± 0.133 $\chi^2/\text{NDF}: 7222.4/13$

Out: -29.128 ± 0.127 $\chi^2/\text{NDF}: 18663.9/15$

All: -27.716 ± 0.092 $\chi^2/\text{NDF}: 26142.8/29$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 28.623 $\pm$ 0.089 χ^2 /NDF: 2950.8/20

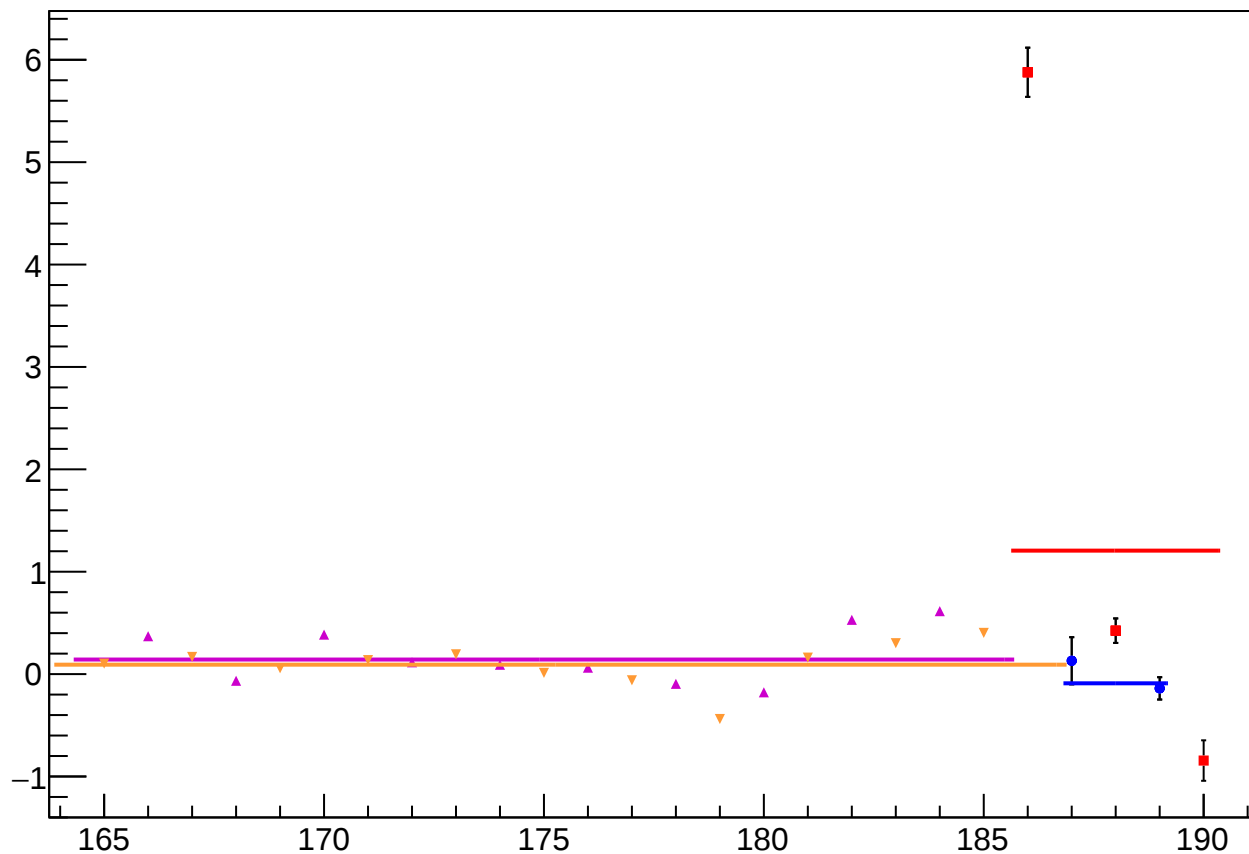
Right: 35.962 $\pm$ 1.060 χ^2 /NDF: 161.5/8

In: 28.284 $\pm$ 0.127 χ^2 /NDF:1039.0/13

Out: 29.035 $\pm$ 0.123 χ^2 /NDF:2102.8/15

All: 28.673 $\pm$ 0.088 χ^2 /NDF: 3159.8/29

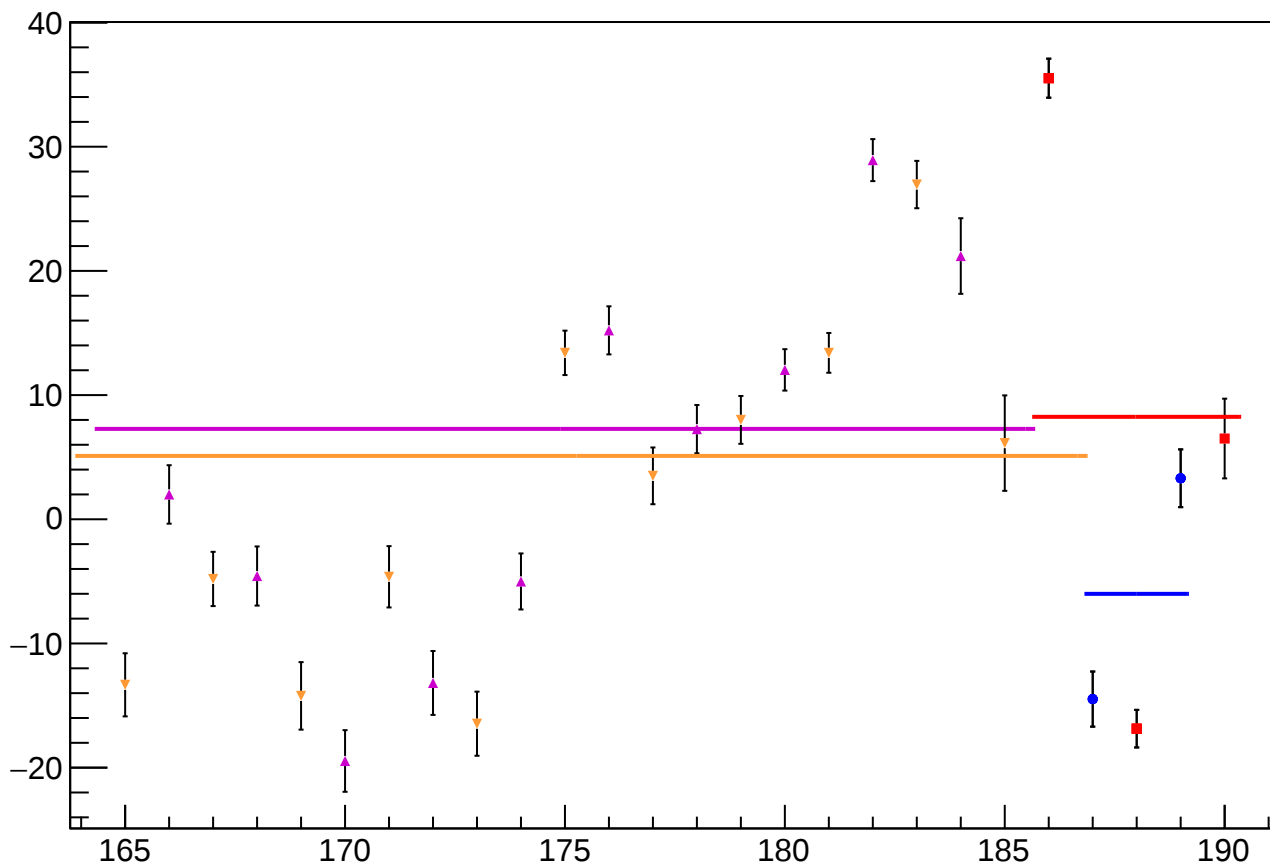
reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.090 ± 0.070 χ^2/NDF : 2.2/3
 Left Out: 0.092 ± 0.005 χ^2/NDF : 1086.9/10
 Right Out: 1.206 ± 0.071 χ^2/NDF : 949.3/4
 Left In: 0.142 ± 0.006 χ^2/NDF : 1655.3/9

Left: 0.116 ± 0.004 χ^2/NDF : 2783.1/20
 Right: 0.549 ± 0.050 χ^2/NDF : 1122.0/8
 In: 0.141 ± 0.006 χ^2/NDF : 1668.5/13
 Out: 0.099 ± 0.005 χ^2/NDF : 2283.1/15
 All: 0.119 ± 0.004 χ^2/NDF : 3980.5/29

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.004 ± 1.136 $\chi^2/\text{NDF}: 61.2/3$

Left Out: 5.103 ± 0.657 $\chi^2/\text{NDF}: 391.5/10$

Right Out: 8.251 ± 0.750 $\chi^2/\text{NDF}: 1152.8/4$

Left In: 7.279 ± 0.672 $\chi^2/\text{NDF}: 448.3/9$

Left: 6.166 ± 0.470 $\chi^2/\text{NDF}: 845.1/20$

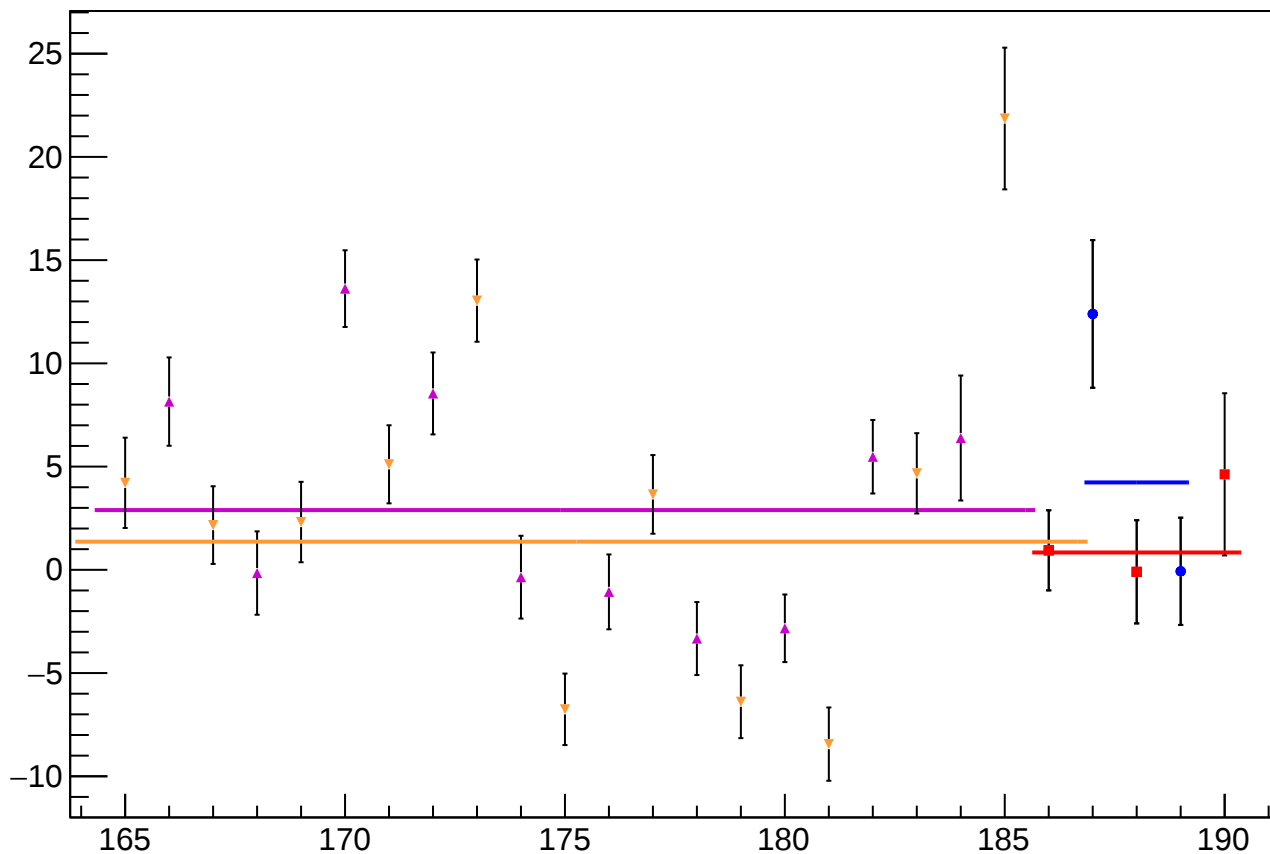
Right: 3.925 ± 0.626 $\chi^2/\text{NDF}: 1323.8/8$

In: 3.835 ± 0.578 $\chi^2/\text{NDF}: 610.8/13$

Out: 6.470 ± 0.494 $\chi^2/\text{NDF}: 1554.4/15$

All: 5.358 ± 0.376 $\chi^2/\text{NDF}: 2177.1/29$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.233 ± 1.486 $\chi^2/\text{NDF}: 15.9/3$

Left Out: 1.364 ± 0.589 $\chi^2/\text{NDF}: 152.2/10$

Right Out: 0.840 ± 1.044 $\chi^2/\text{NDF}: 1.2/4$

Left In: 2.893 ± 0.611 $\chi^2/\text{NDF}: 85.2/9$

Left: 2.100 ± 0.424 $\chi^2/\text{NDF}: 240.7/20$

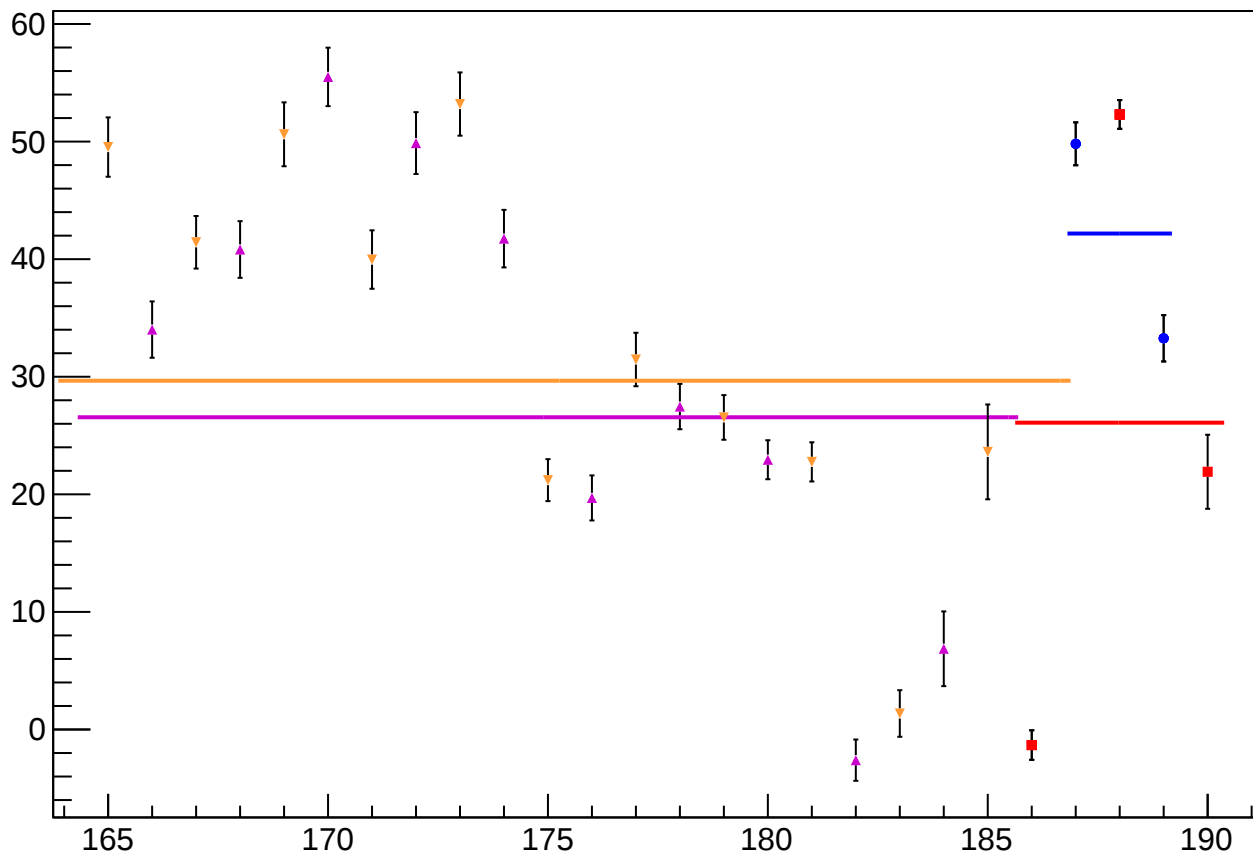
Right: 1.962 ± 0.854 $\chi^2/\text{NDF}: 20.6/8$

In: 3.087 ± 0.565 $\chi^2/\text{NDF}: 101.8/13$

Out: 1.237 ± 0.513 $\chi^2/\text{NDF}: 153.6/15$

All: 2.073 ± 0.380 $\chi^2/\text{NDF}: 261.3/29$

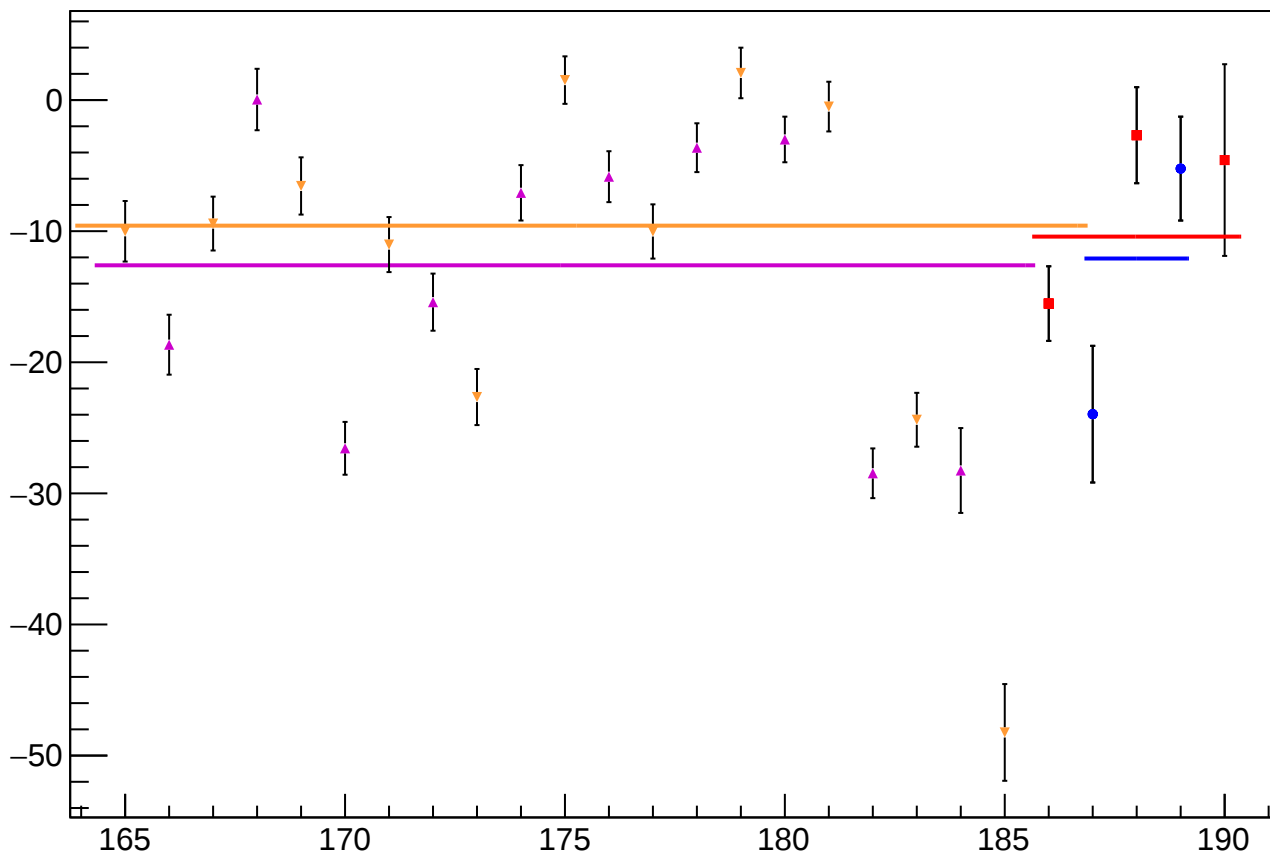
reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 28.146 $\pm$ 0.477 χ^2 /NDF: 1132.3/20
 Right: 30.793 $\pm$ 0.511 χ^2 /NDF: 2154.4/8
 In: 31.899 $\pm$ 0.553 χ^2 /NDF: 884.9/13
 Out: 27.715 $\pm$ 0.449 χ^2 /NDF: 2381.7/15
 All: 29.376 $\pm$ 0.349 χ^2 /NDF: 3301.0/29

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: -11.040 ± 0.457 χ^2/NDF : 561.2/20

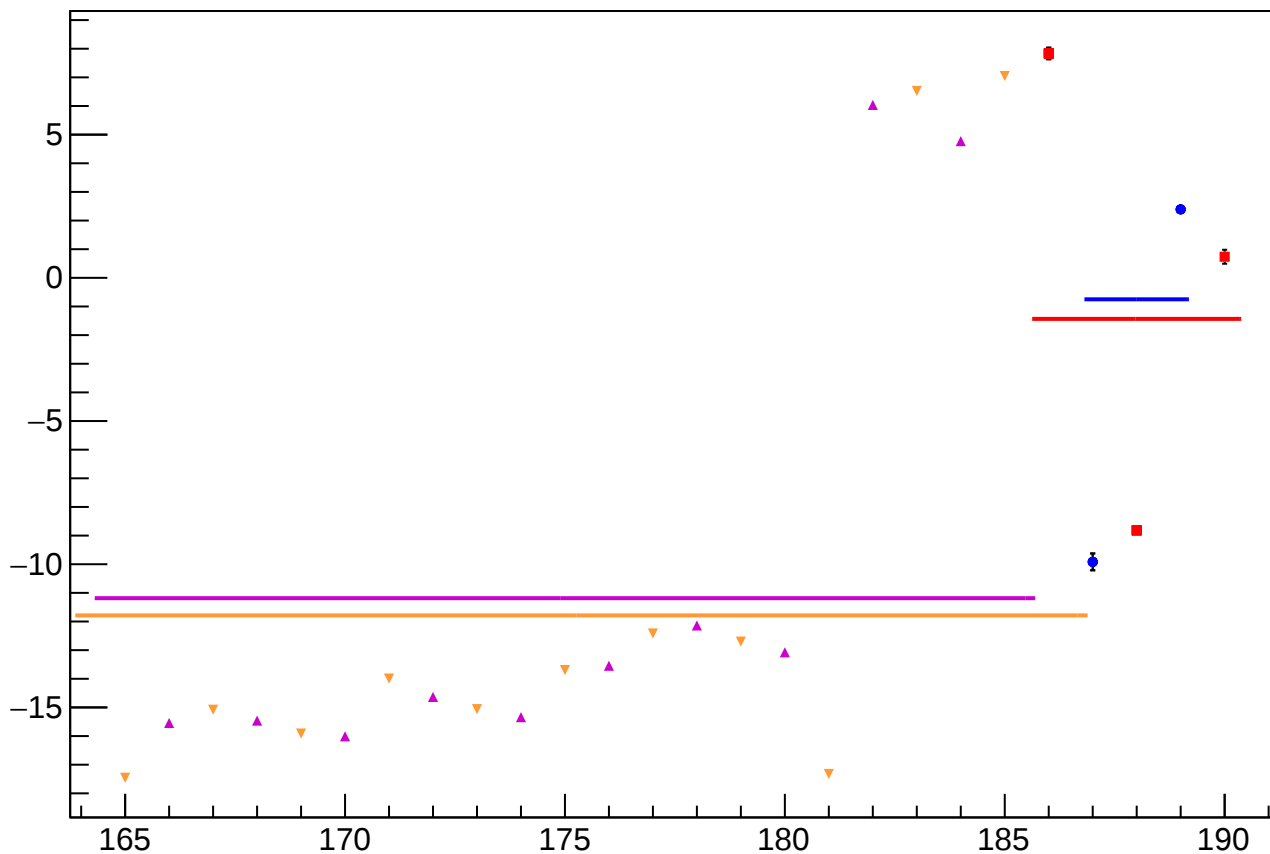
Right: -10.960 ± 1.274 χ^2/NDF : 32.7/8

In: -12.563 ± 0.631 χ^2/NDF : 268.2/13

Out: -9.698 ± 0.588 χ^2/NDF : 314.7/15

All: -11.031 ± 0.430 χ^2/NDF : 594.0/29

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



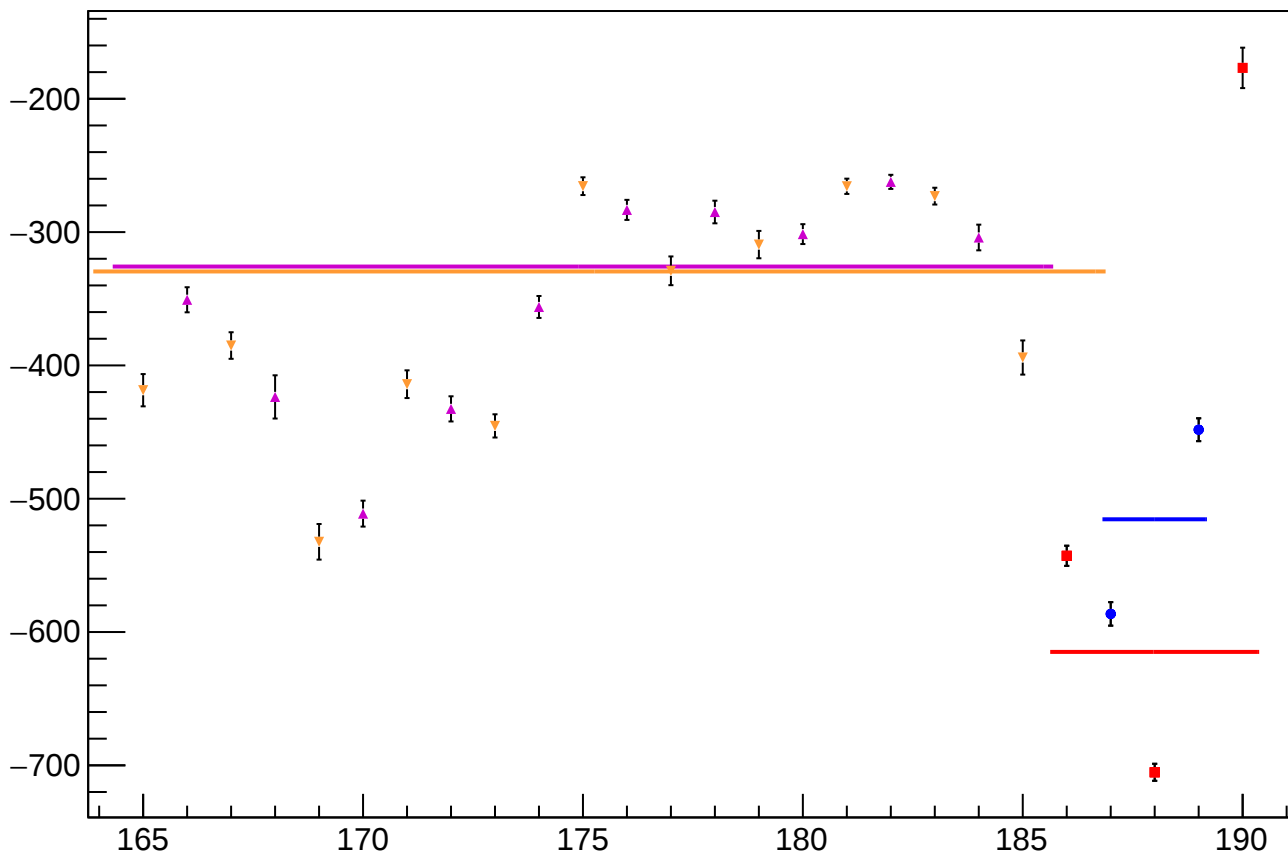
Right In: -0.749 ± 0.105 $\chi^2/\text{NDF}: 2605.8/3$
 Left Out: -11.787 ± 0.028 $\chi^2/\text{NDF}: 70342.8/10$
 Right Out: -1.433 ± 0.087 $\chi^2/\text{NDF}: 7891.6/4$
 Left In: -11.186 ± 0.029 $\chi^2/\text{NDF}: 65007.5/9$

Left: -11.494 ± 0.020 $\chi^2/\text{NDF}: 135568.7/20$
 Right: -1.155 ± 0.067 $\chi^2/\text{NDF}: 10522.5/8$

In: -10.439 ± 0.028 $\chi^2/\text{NDF}: 76768.5/13$
 Out: -10.793 ± 0.027 $\chi^2/\text{NDF}: 91022.2/15$

All: -10.624 ± 0.019 $\chi^2/\text{NDF}: 167873.2/29$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -327.680 +/- 1.841 χ^2/NDF : 1648.5/20

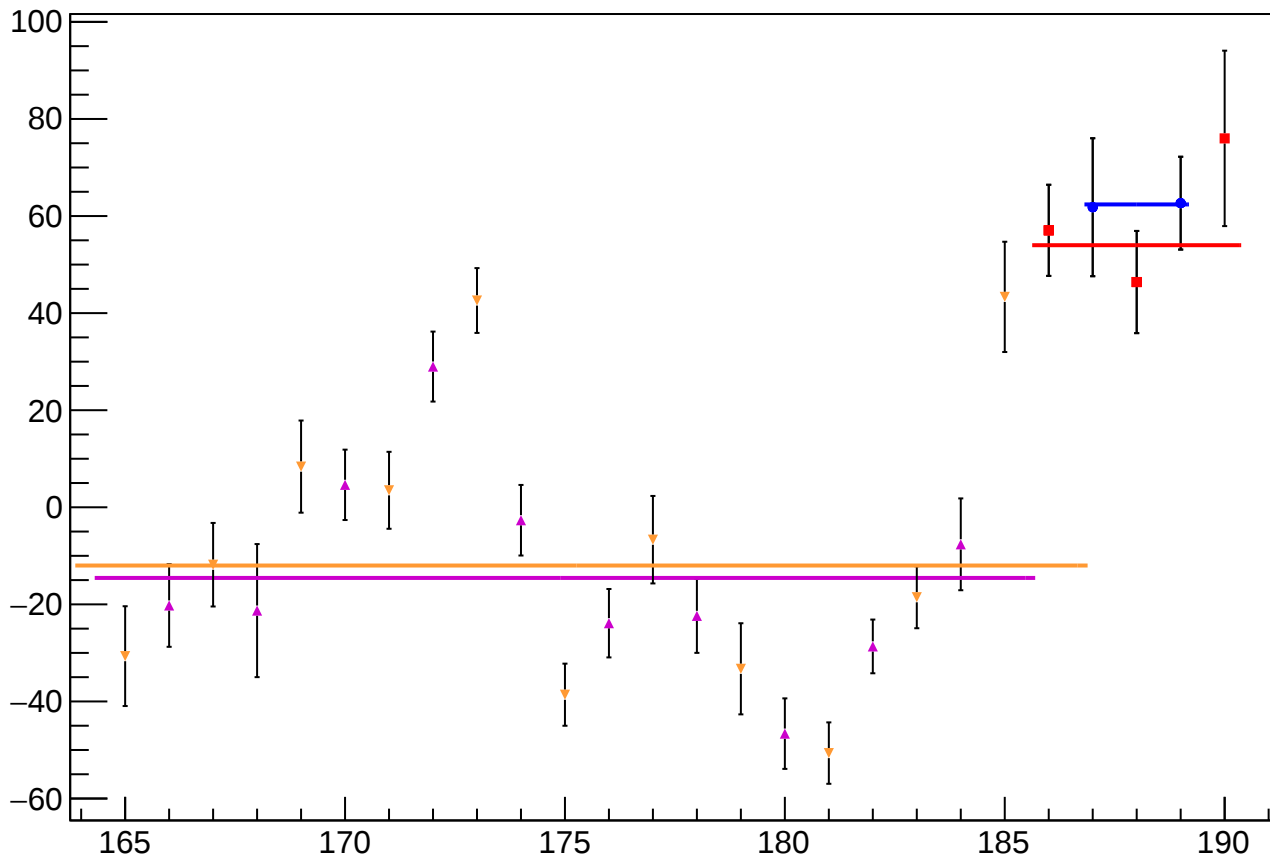
Right: -577.681 +/- 2.660 χ^2/NDF : 1996.7/8

In: -375.863 +/- 2.233 χ^2/NDF : 2414.5/13

Out: -436.599 +/- 2.059 χ^2/NDF : 6803.6/15

All: -408.685 +/- 1.514 χ^2/NDF : 9617.8/29

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



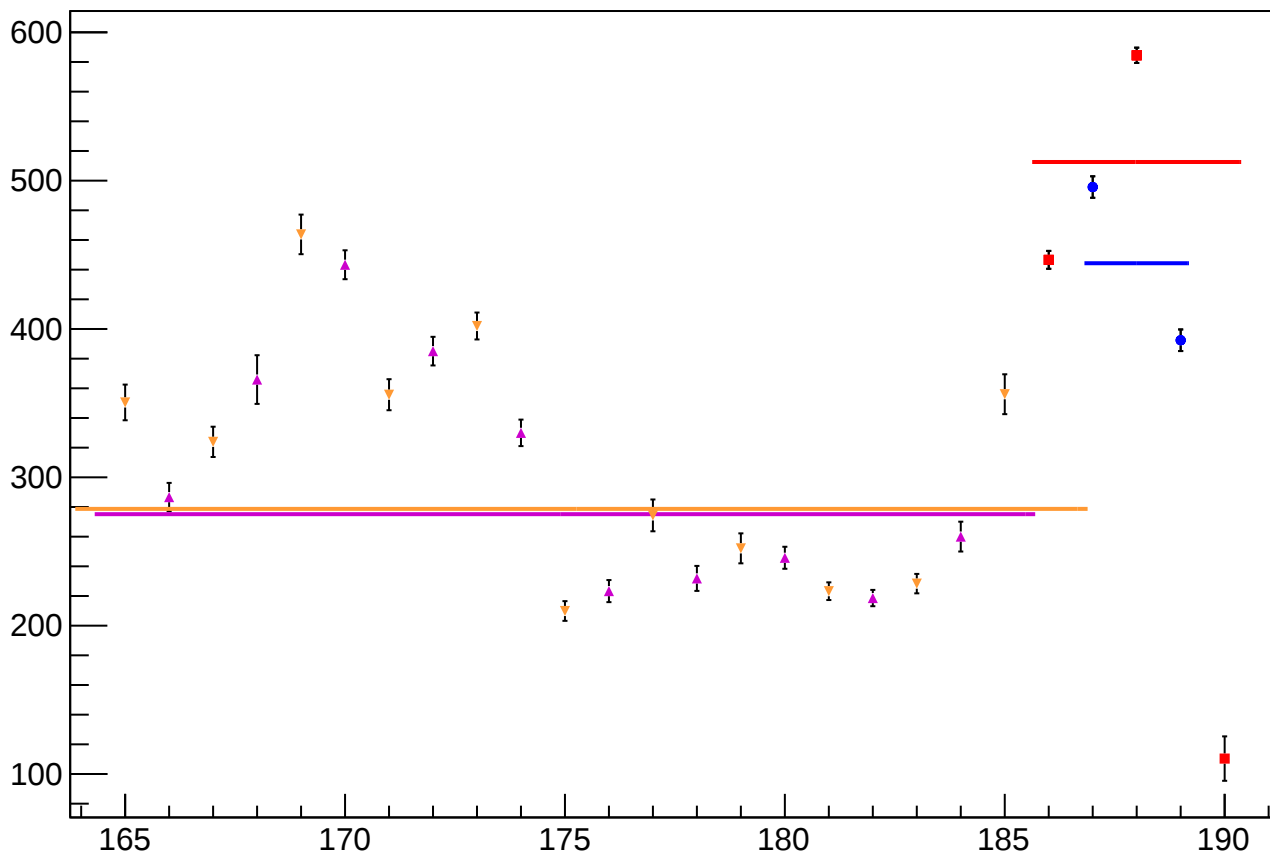
Right In: 62.394±/5.610 χ^2/NDF : 0.0/3
 Left Out: -11.997±/2.372 χ^2/NDF :163.5/10
 Right Out: 53.994±/4.778 χ^2/NDF : 2.7/4
 Left In: -14.554±/2.381 χ^2/NDF :76.2/9

Left: -13.271±/1.680 χ^2/NDF : 240.2/20
 Right: 57.526±/3.637 χ^2/NDF : 4.0/8

In: -2.809±/2.192 χ^2/NDF :235.6/13
 Out: 1.051±/2.125 χ^2/NDF :319.3/15

All: -0.819±/1.525 χ^2/NDF : 556.5/29

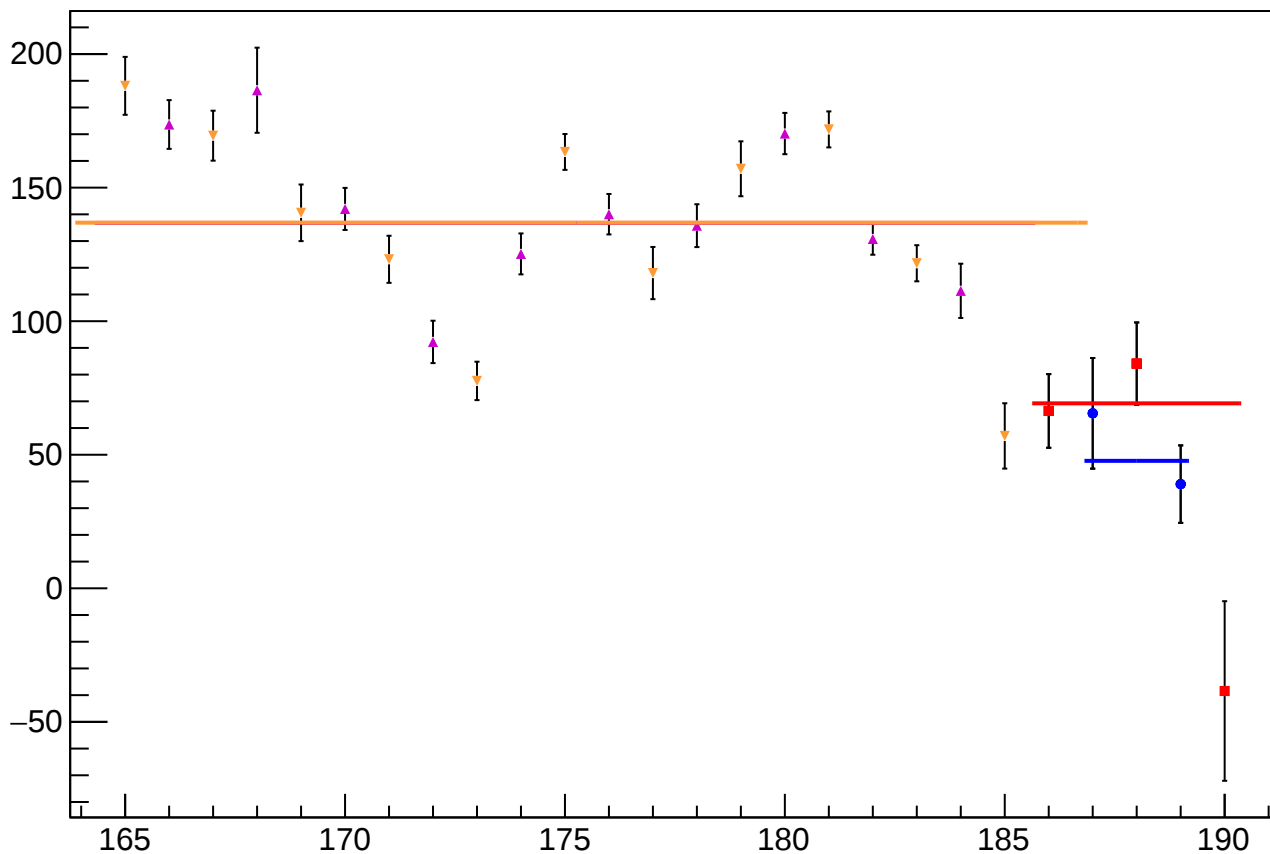
reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 276.943 $\pm$ 1.879 χ^2/NDF : 1476.4/20
 Right: 487.993 $\pm$ 2.180 χ^2/NDF : 1777.4/8
 In: 334.115 $\pm$ 2.144 χ^2/NDF : 2311.3/13
 Out: 392.710 $\pm$ 1.903 χ^2/NDF : 5902.8/15
 All: 366.896 $\pm$ 1.423 χ^2/NDF : 8631.9/29

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.719+/-8.401 χ^2/NDF : 2.2/3

Left Out: 136.889+/-2.550 χ^2/NDF : 202.6/10

Right Out: 69.244+/-7.102 χ^2/NDF : 12.2/4

Left In: 136.785+/-2.555 χ^2/NDF : 86.5/9

Left: 136.837+/-1.805 χ^2/NDF : 289.1/20

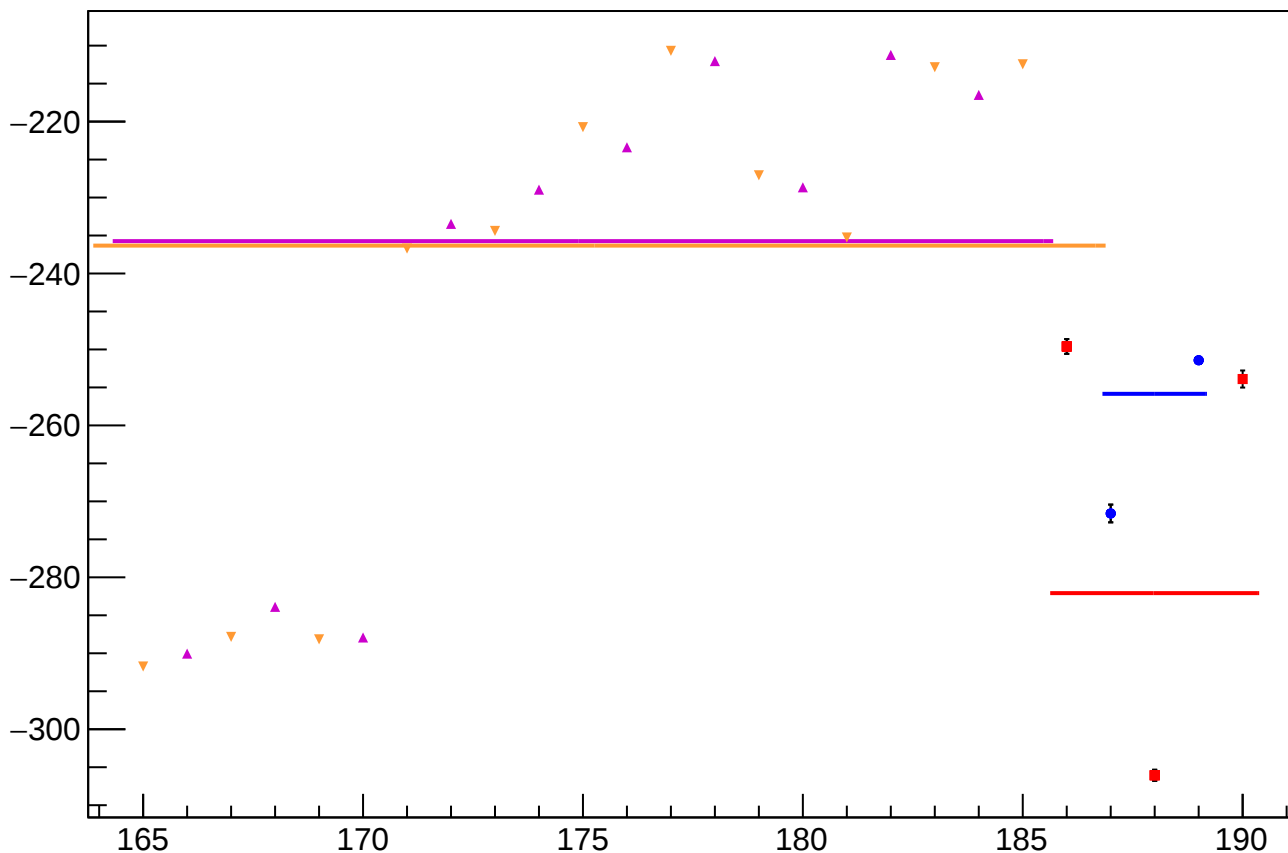
Right: 60.272+/-5.424 χ^2/NDF : 18.2/8

In: 129.242+/-2.445 χ^2/NDF : 191.6/13

Out: 129.164+/-2.400 χ^2/NDF : 295.1/15

All: 129.202+/-1.713 χ^2/NDF : 486.8/29

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -236.035 $\pm$ 0.081 χ^2 /NDF: 113213.5/20

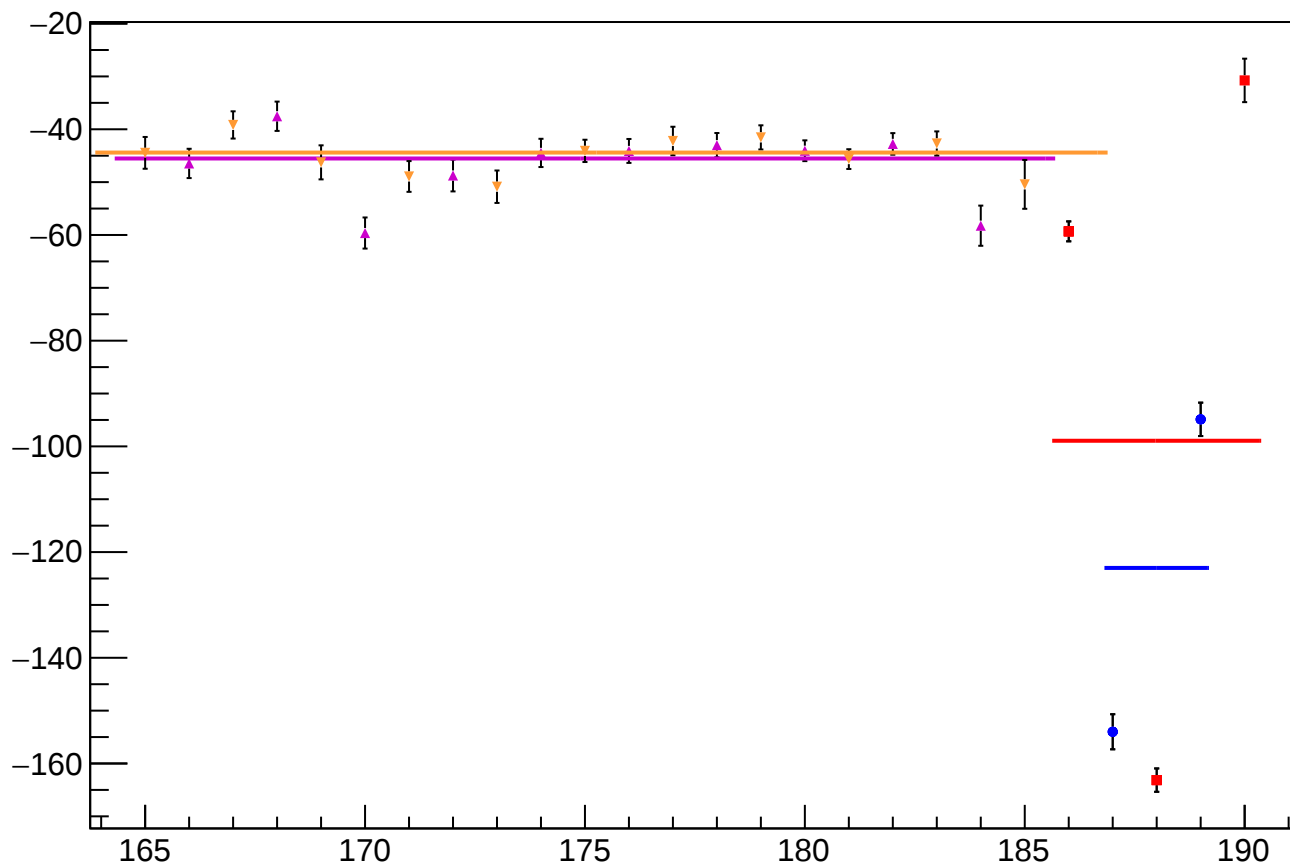
Right: -268.970 $\pm$ 0.273 χ^2 /NDF: 7819.3/8

In: -237.380 $\pm$ 0.110 χ^2 /NDF: 62505.5/13

Out: -240.043 $\pm$ 0.110 χ^2 /NDF: 71592.2/15

All: -238.716 $\pm$ 0.078 χ^2 /NDF: 134389.9/29

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -44.952 $\pm$ 0.556 χ^2 /NDF: 65.2/20

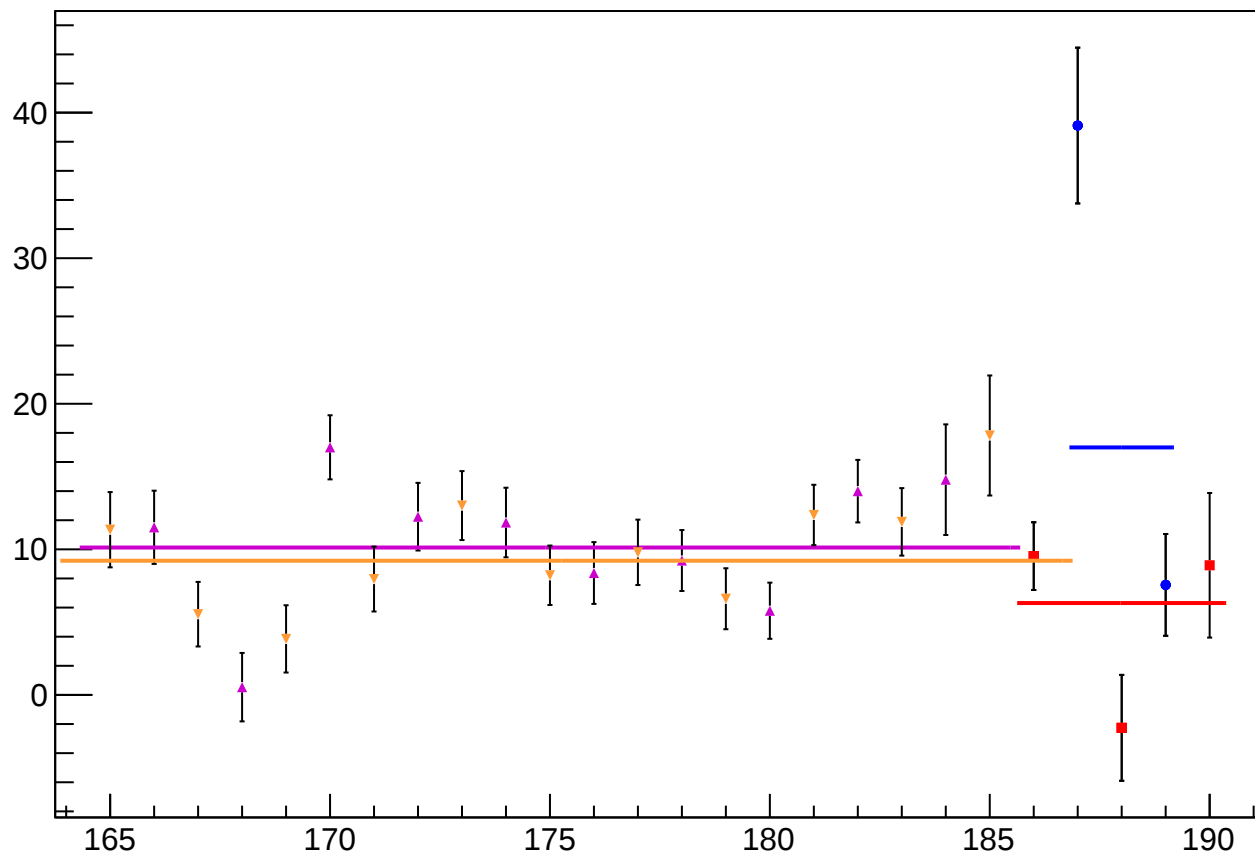
Right: -105.440 $\pm$ 0.841 χ^2 /NDF: 3341.2/8

In: -60.621 $\pm$ 0.714 χ^2 /NDF:2226.6/13

Out: -65.285 $\pm$ 0.609 χ^2 /NDF:4755.4/15

All: -63.320 $\pm$ 0.464 χ^2 /NDF: 7006.7/29

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.001+/-2.069 χ^2/NDF : 48.8/3

Left Out: 9.219+/-0.696 χ^2/NDF : 21.5/10

Right Out: 6.312+/-1.335 χ^2/NDF : 15.2/4

Left In: 10.125+/-0.723 χ^2/NDF : 38.7/9

Left: 9.654+/-0.502 χ^2/NDF : 61.1/20

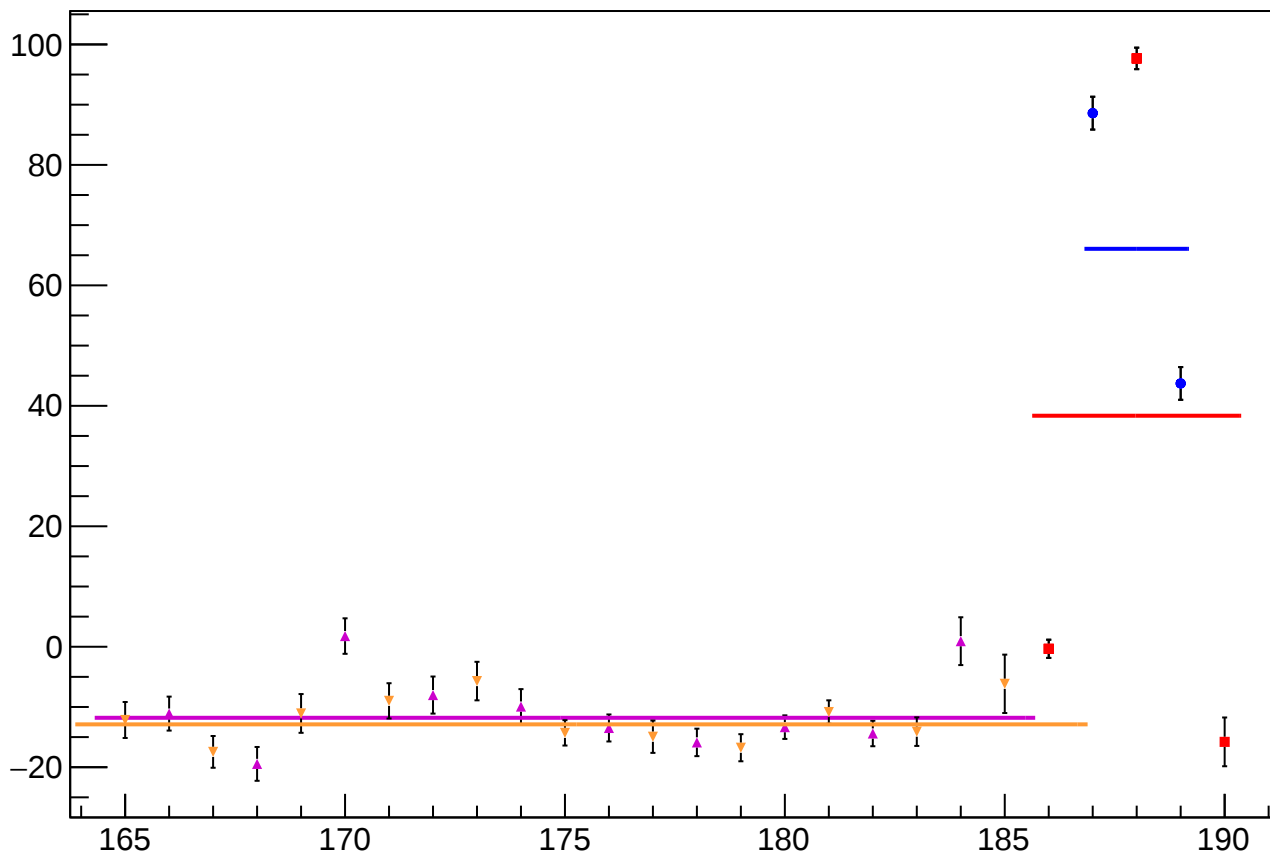
Right: 9.452+/-1.122 χ^2/NDF : 82.8/8

In: 10.874+/-0.683 χ^2/NDF : 97.3/13

Out: 8.597+/-0.617 χ^2/NDF : 40.5/15

All: 9.621+/-0.458 χ^2/NDF : 144.0/29

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -12.355 $\pm$ 0.564 χ^2 /NDF: 65.2/20

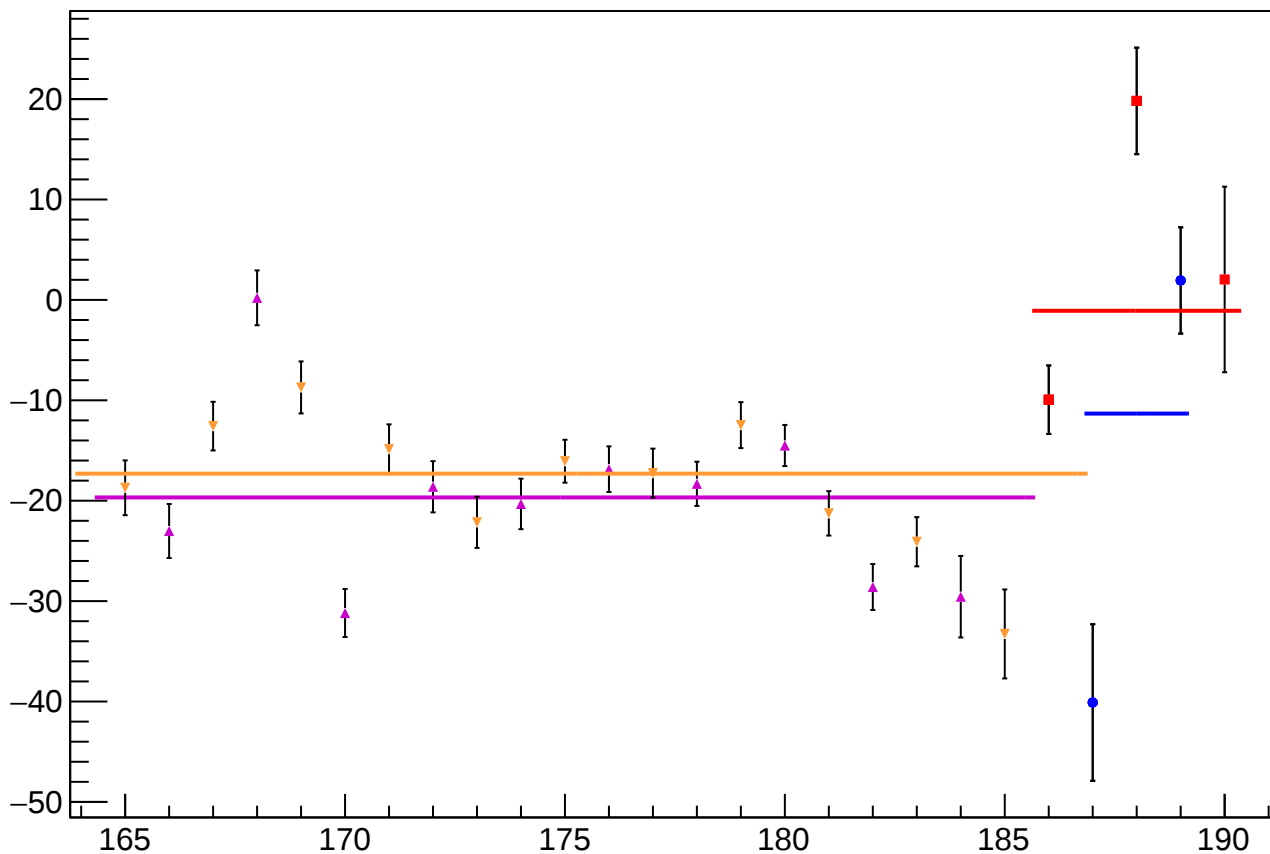
Right: 45.462 $\pm$ 0.689 χ^2 /NDF: 4282.6/8

In: 8.504 $\pm$ 0.695 χ^2 /NDF: 2739.8/13

Out: 12.345 $\pm$ 0.561 χ^2 /NDF: 5807.1/15

All: 10.830 $\pm$ 0.436 χ^2 /NDF: 8565.4/29

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.322 ± 3.097 χ^2/NDF : 39.8/3

Left Out: -17.304 ± 0.751 χ^2/NDF : 48.3/10

Right Out: -1.083 ± 1.982 χ^2/NDF : 44.7/4

Left In: -19.674 ± 0.779 χ^2/NDF : 107.5/9

Left: -18.447 ± 0.541 χ^2/NDF : 160.6/20

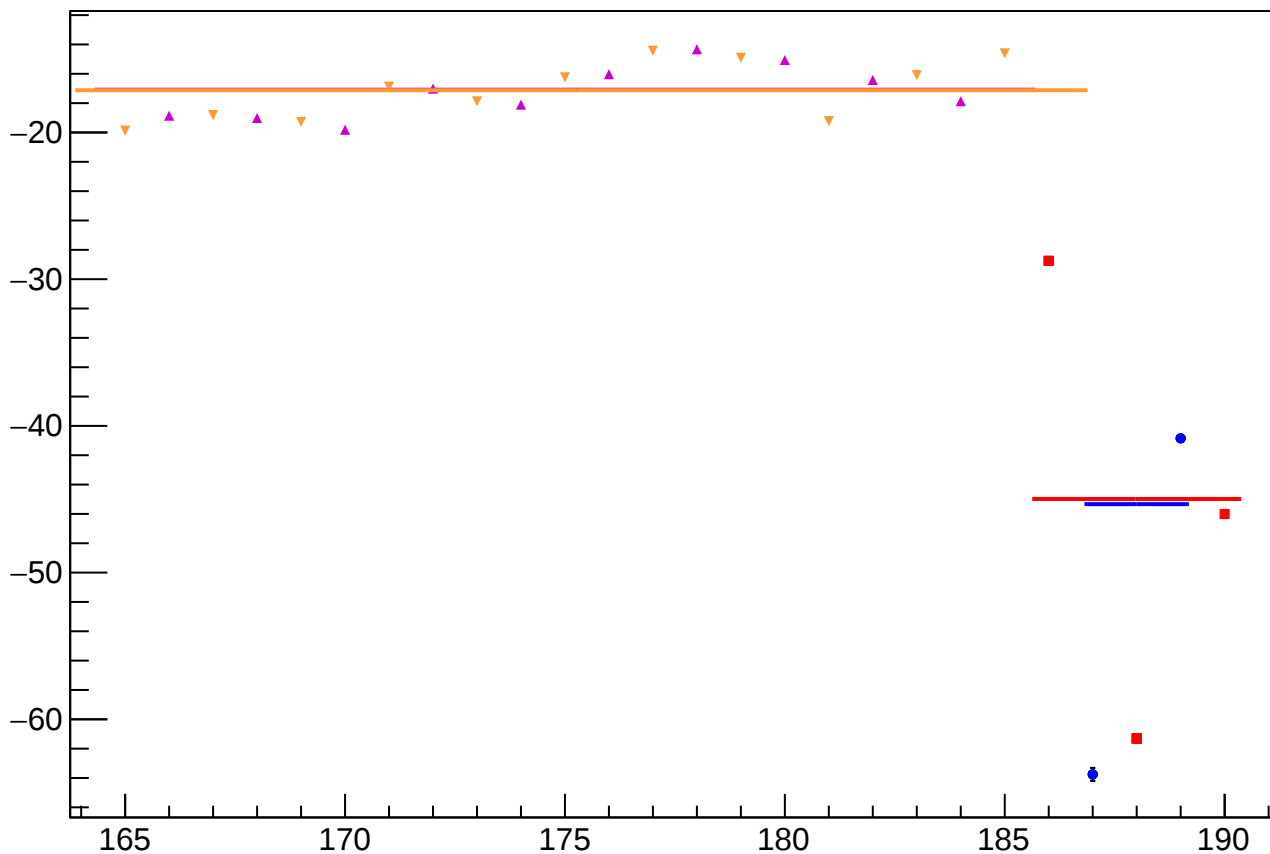
Right: -4.057 ± 1.669 χ^2/NDF : 92.2/8

In: -19.178 ± 0.755 χ^2/NDF : 154.1/13

Out: -15.265 ± 0.703 χ^2/NDF : 151.5/15

All: -17.080 ± 0.514 χ^2/NDF : 320.0/29

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 2543.3/9$

Left: -17.103 ± 0.024 $\chi^2/\text{NDF}: 5611.5/20$

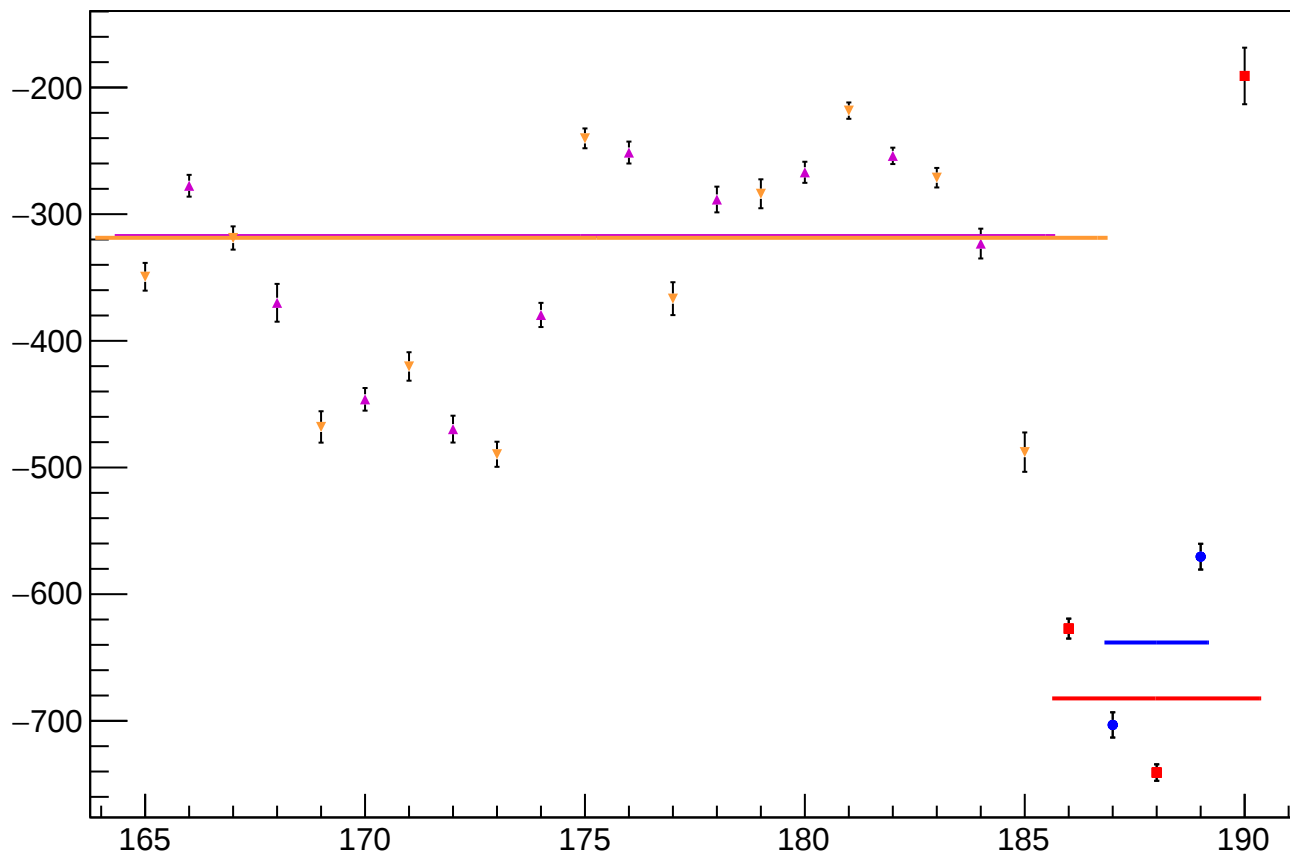
Right: -45.124 ± 0.087 $\chi^2/\text{NDF}: 22201.9/8$

In: -18.760 ± 0.033 $\chi^2/\text{NDF}: 46696.4/13$

Out: -19.358 ± 0.032 $\chi^2/\text{NDF}: 76349.2/15$

All: -19.071 ± 0.023 $\chi^2/\text{NDF}: 123212.0/29$

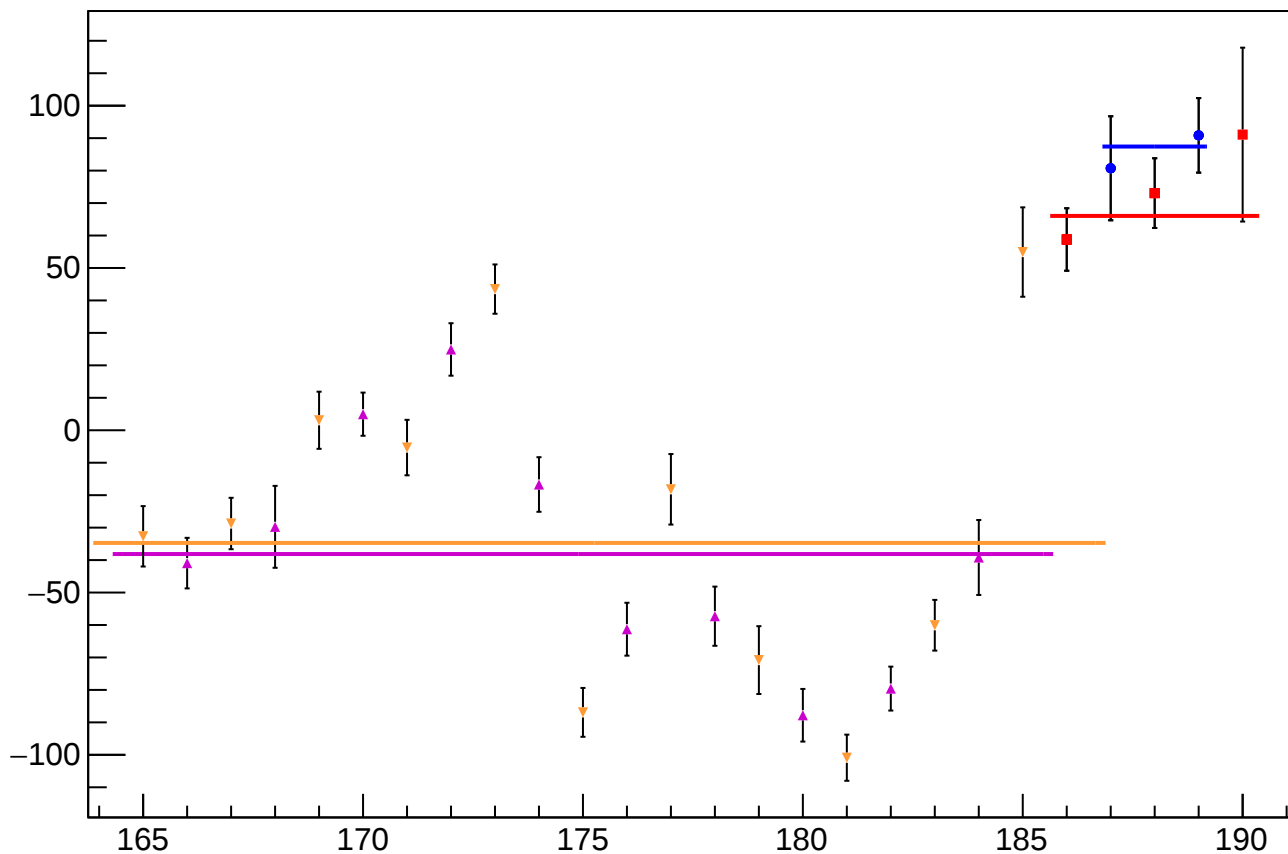
reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -317.982+/-2.047 χ^2 /NDF: 1744.6/20
 Right: -667.899+/-2.873 χ^2 /NDF: 970.8/8
 In: -397.228+/-2.512 χ^2 /NDF:3916.2/13
 Out: -466.100+/-2.228 χ^2 /NDF:8219.5/15
 All: -435.774+/-1.667 χ^2 /NDF: 12556.5/29

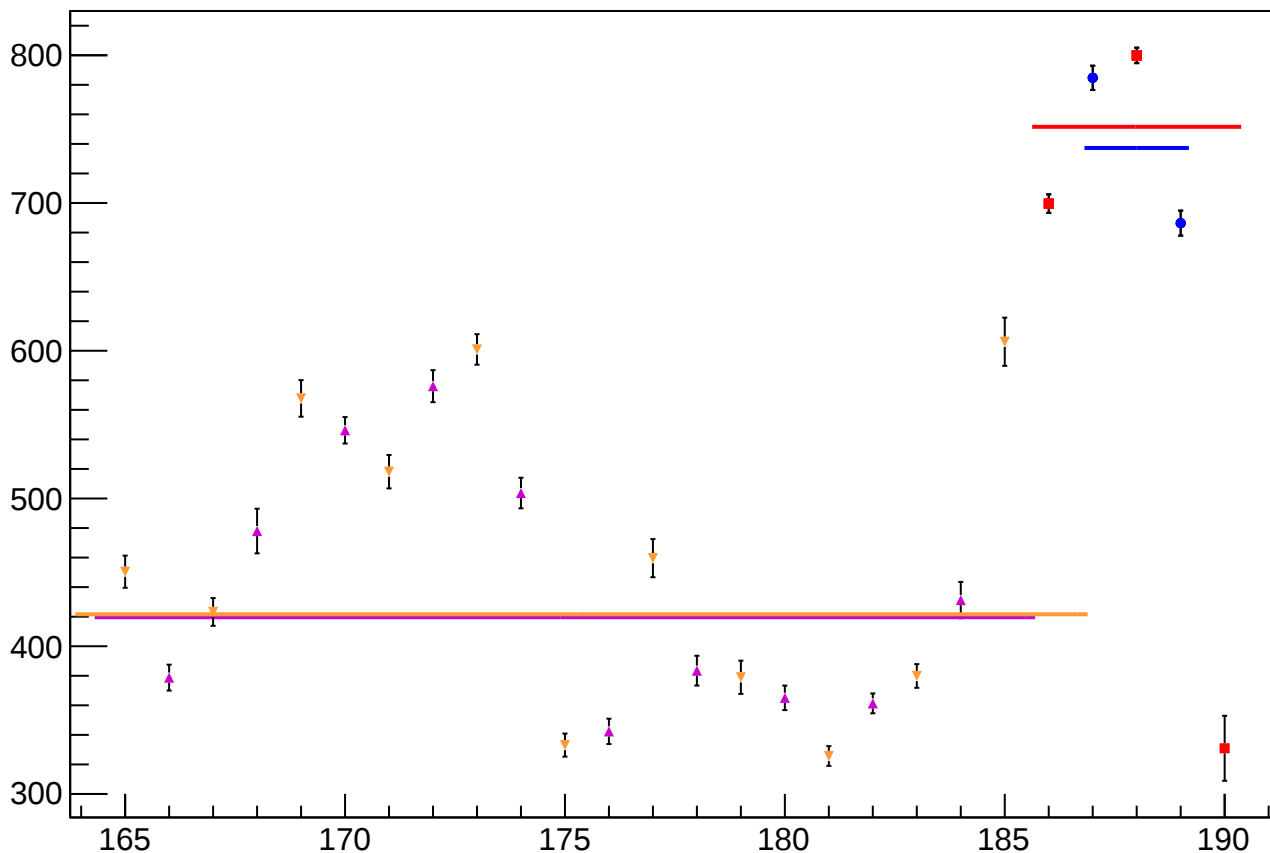
reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 87.416 ± 6.600 $\chi^2/\text{NDF}: 0.5/3$
 Left Out: -34.715 ± 2.598 $\chi^2/\text{NDF}: 338.8/10$
 Right Out: 66.041 ± 4.981 $\chi^2/\text{NDF}: 2.9/4$
 Left In: -38.135 ± 2.613 $\chi^2/\text{NDF}: 197.4/9$

Left: -36.415 ± 1.842 $\chi^2/\text{NDF}: 537.1/20$
 Right: 73.797 ± 3.976 $\chi^2/\text{NDF}: 10.1/8$
 In: -21.122 ± 2.429 $\chi^2/\text{NDF}: 510.8/13$
 Out: -13.164 ± 2.303 $\chi^2/\text{NDF}: 663.3/15$
 All: -16.932 ± 1.672 $\chi^2/\text{NDF}: 1179.8/29$

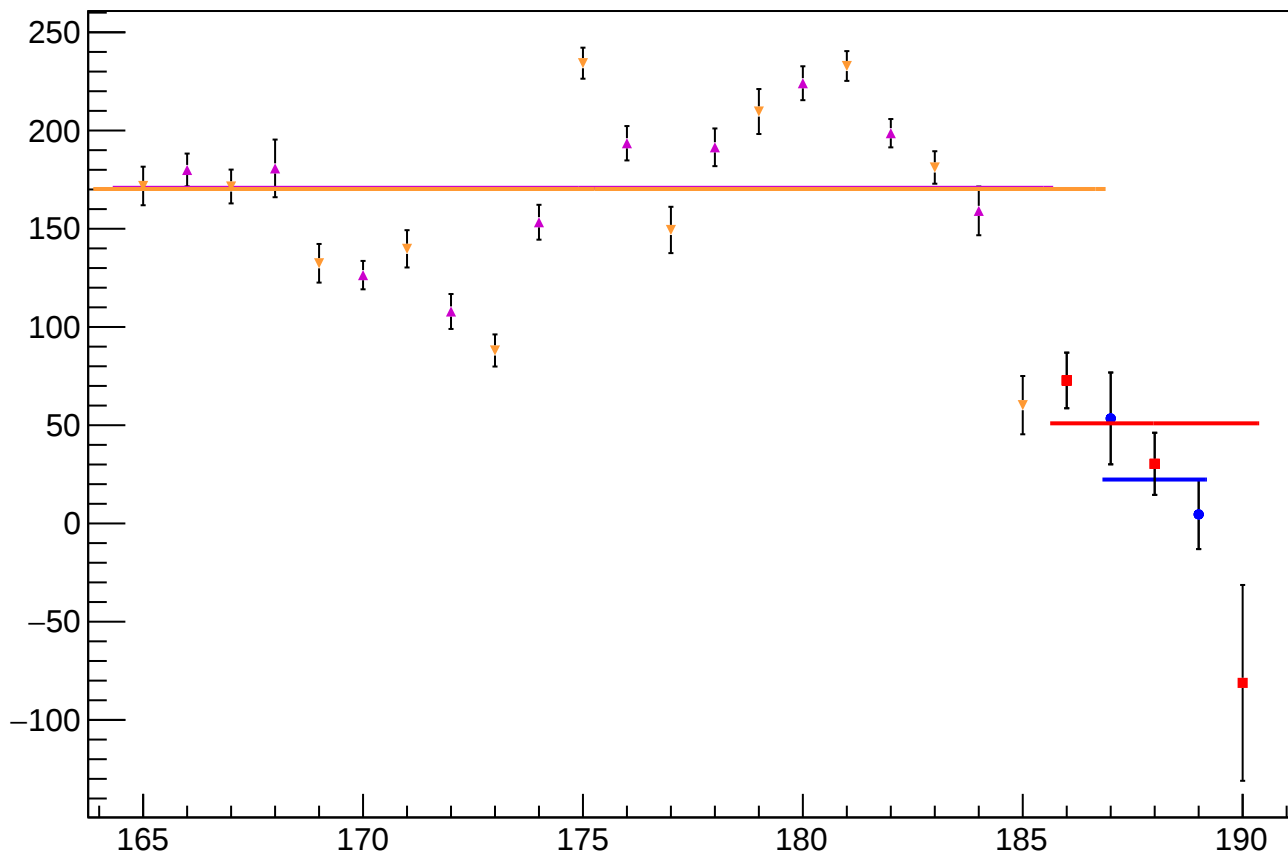
reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 737.270 $\pm$ 4.162 χ^2 /NDF: 139.4/3
 Left Out: 421.619 $\pm$ 2.944 χ^2 /NDF:1032.2/10
 Right Out: 751.578 $\pm$ 2.820 χ^2 /NDF: 672.7/4
 Left In: 419.645 $\pm$ 2.954 χ^2 /NDF:725.1/9

Left: 420.635 $\pm$ 2.085 χ^2 /NDF: 1757.5/20
 Right: 747.076 $\pm$ 2.335 χ^2 /NDF: 820.2/8
 In: 526.020 $\pm$ 2.409 χ^2 /NDF:4737.2/13
 Out: 593.656 $\pm$ 2.037 χ^2 /NDF:8255.5/15
 All: 565.464 $\pm$ 1.555 χ^2 /NDF: 13452.5/29

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.351 $\pm$ 9.958 χ^2 /NDF: 5.6/3

Left Out: 170.241 $\pm$ 2.798 χ^2 /NDF:331.9/10

Right Out: 50.960 $\pm$ 7.375 χ^2 /NDF: 15.2/4

Left In: 170.839 $\pm$ 2.811 χ^2 /NDF:158.6/9

Left: 170.539 $\pm$ 1.983 χ^2 /NDF: 490.5/20

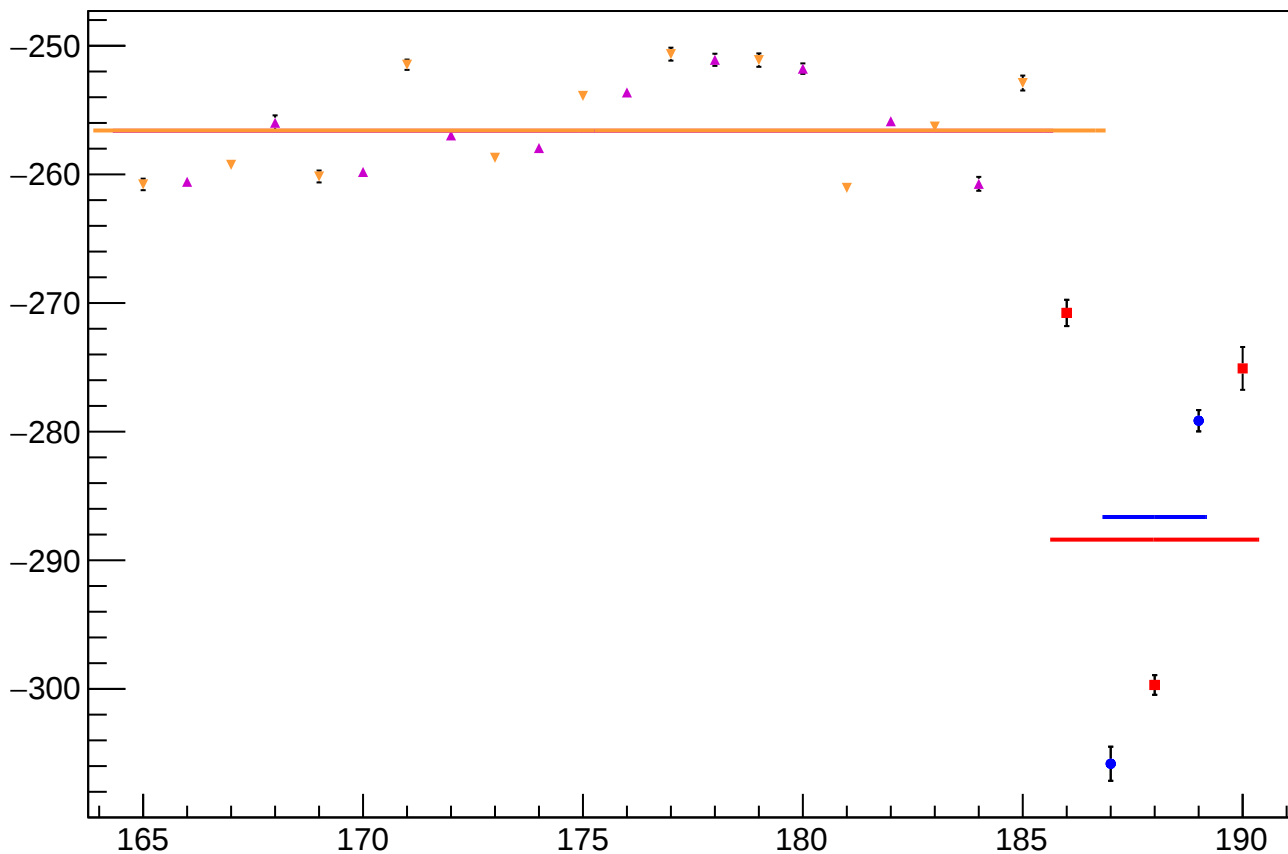
Right: 40.826 $\pm$ 5.926 χ^2 /NDF: 26.1/8

In: 159.881 $\pm$ 2.705 χ^2 /NDF:370.1/13

Out: 155.229 $\pm$ 2.616 χ^2 /NDF:575.8/15

All: 157.478 $\pm$ 1.881 χ^2 /NDF: 947.4/29

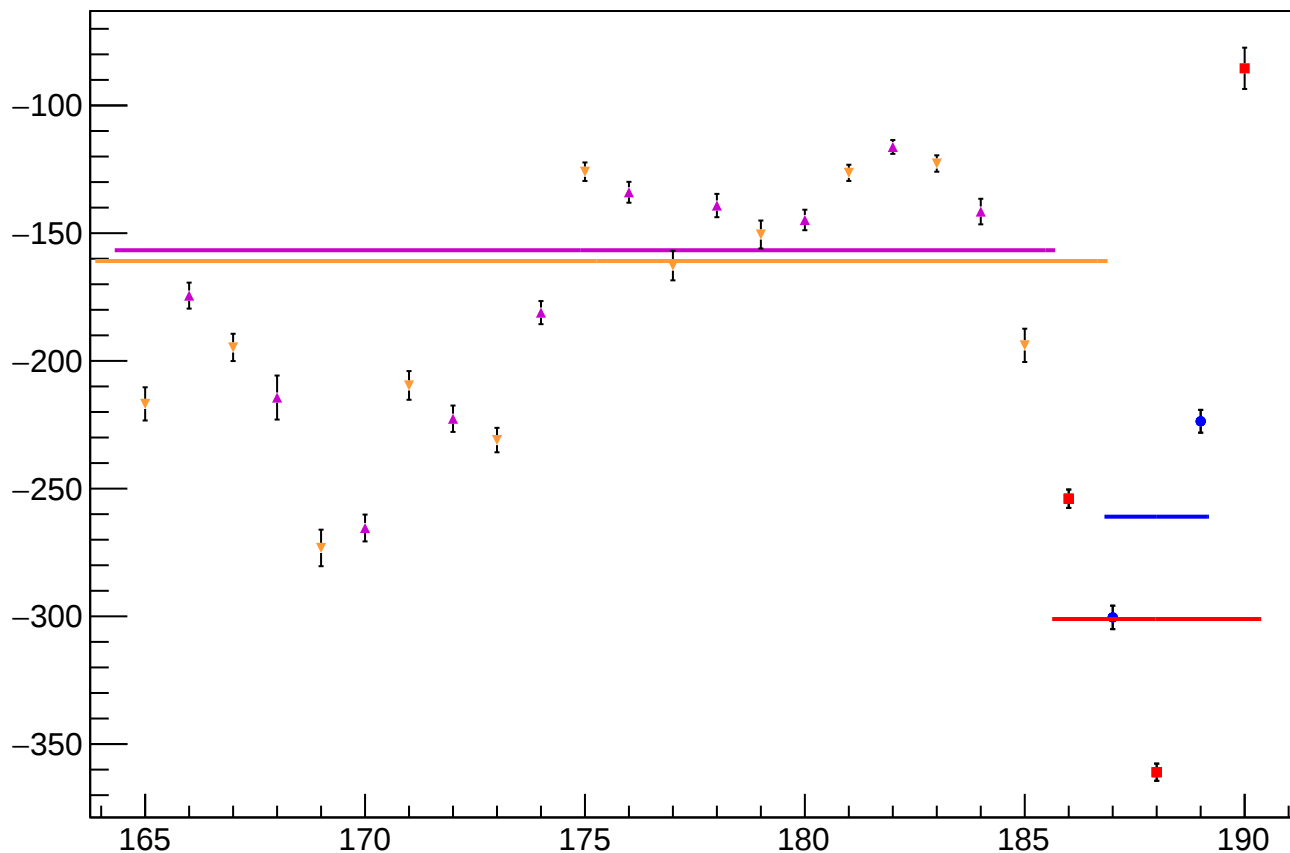
reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -286.635+/-0.496 χ^2/NDF : 582.6/3
 Left Out: -256.586+/-0.126 χ^2/NDF : 889.6/10
 Right Out: -288.394+/-0.419 χ^2/NDF : 1096.1/4
 Left In: -256.610+/-0.127 χ^2/NDF : 611.4/9

Left: -256.598+/-0.089 χ^2/NDF : 1501.1/20
 Right: -287.662+/-0.320 χ^2/NDF : 1686.0/8
 In: -258.443+/-0.123 χ^2/NDF : 4628.4/13
 Out: -259.232+/-0.121 χ^2/NDF : 7269.0/15
 All: -258.843+/-0.086 χ^2/NDF : 11918.5/29

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -158.772+/-0.983 χ^2/NDF : 2001.5/20

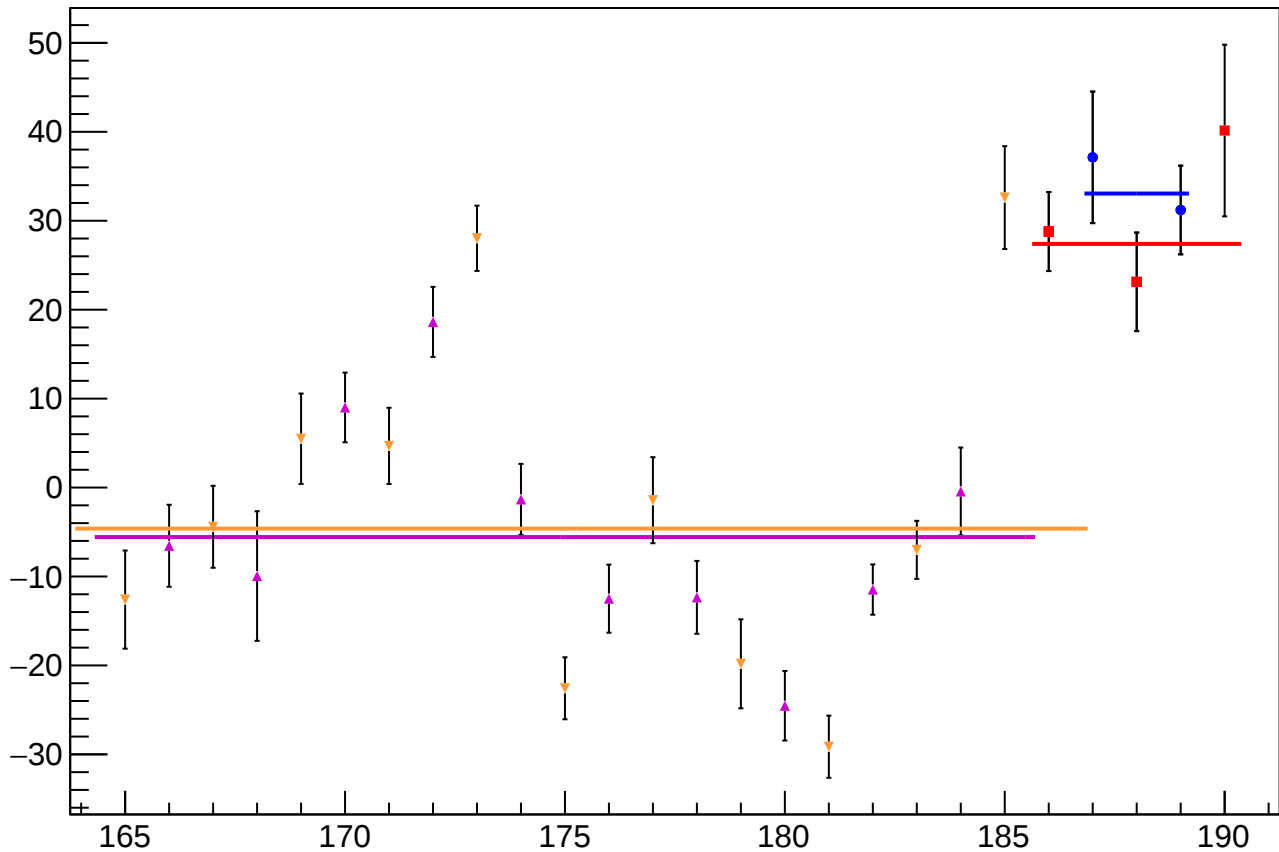
Right: -286.647+/-1.358 χ^2/NDF : 2180.6/8

In: -185.075+/-1.181 χ^2/NDF :2795.6/13

Out: -217.501+/-1.078 χ^2/NDF :6795.5/15

All: -202.770+/-0.796 χ^2/NDF : 10002.2/29

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.059+/-2.923 χ^2/NDF : 0.9/3

Left Out: -4.615+/-1.272 χ^2/NDF : 217.3/10

Right Out: 27.397+/-2.376 χ^2/NDF : 3.1/4

Left In: -5.565+/-1.272 χ^2/NDF : 88.1/9

Left: -5.090+/-0.900 χ^2/NDF : 305.7/20

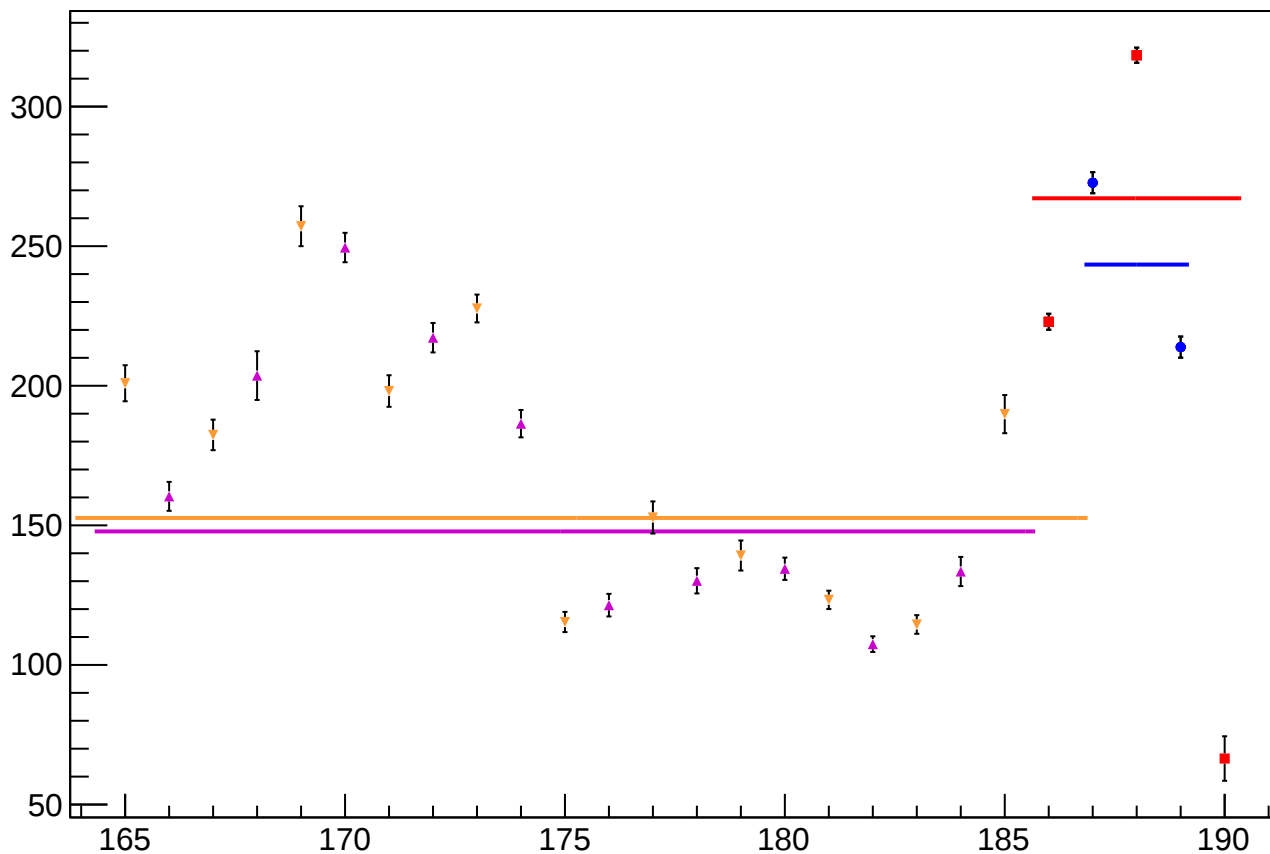
Right: 29.649+/-1.844 χ^2/NDF : 6.3/8

In: 0.586+/-1.167 χ^2/NDF : 235.8/13

Out: 2.518+/-1.121 χ^2/NDF : 361.6/15

All: 1.590+/-0.808 χ^2/NDF : 598.8/29

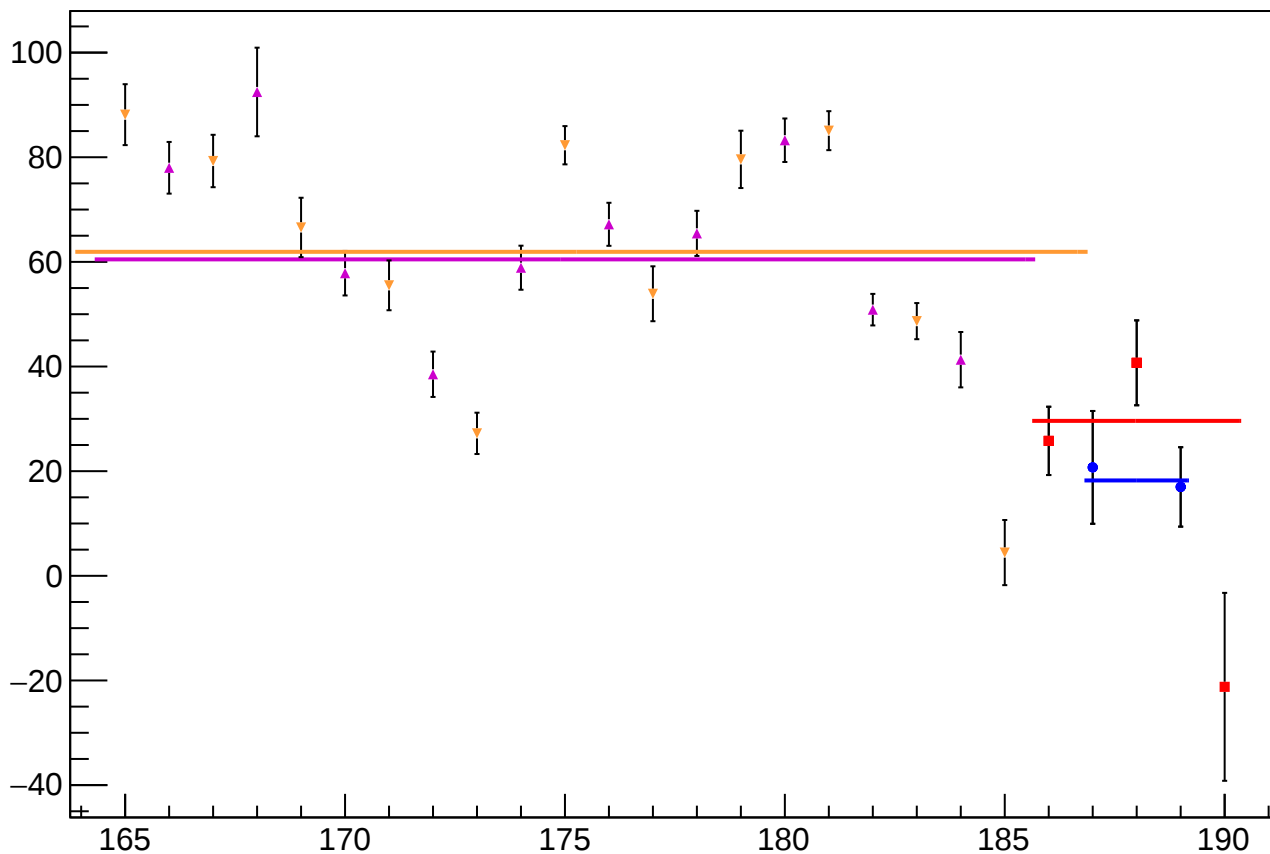
reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 243.409 ± 1.890 $\chi^2/\text{NDF}: 242.6/3$
 Left Out: 152.653 ± 1.424 $\chi^2/\text{NDF}: 942.3/10$
 Right Out: 267.146 ± 1.373 $\chi^2/\text{NDF}: 1822.2/4$
 Left In: 147.824 ± 1.414 $\chi^2/\text{NDF}: 938.4/9$

Left: 150.221 ± 1.003 $\chi^2/\text{NDF}: 1886.5/20$
 Right: 258.950 ± 1.111 $\chi^2/\text{NDF}: 2168.1/8$
 In: 182.120 ± 1.132 $\chi^2/\text{NDF}: 2820.7/13$
 Out: 212.014 ± 0.988 $\chi^2/\text{NDF}: 6114.3/15$
 All: 199.084 ± 0.745 $\chi^2/\text{NDF}: 9330.6/29$

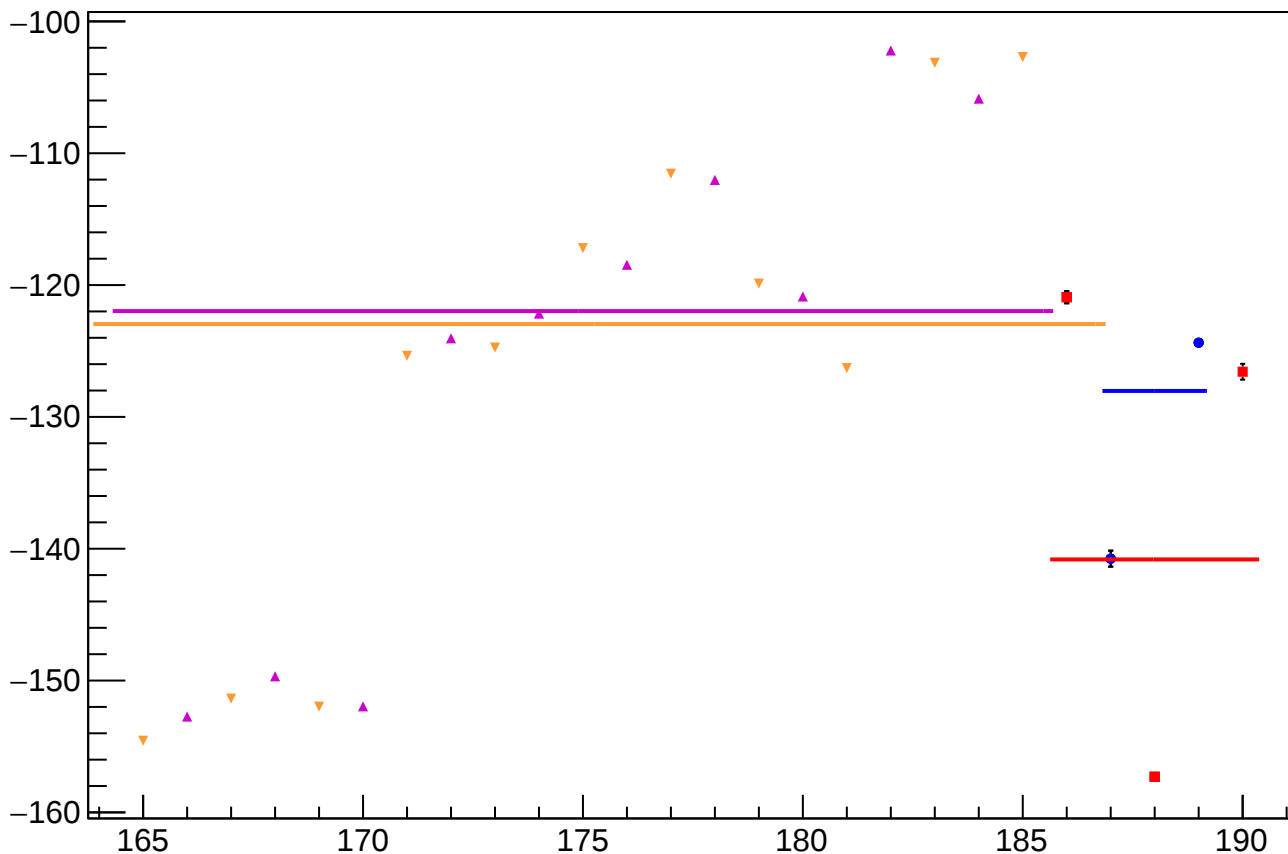
reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.228 ± 4.389 $\chi^2/\text{NDF}: 0.2/3$
 Left Out: 61.923 ± 1.367 $\chi^2/\text{NDF}: 294.4/10$
 Right Out: 29.613 ± 3.526 $\chi^2/\text{NDF}: 12.4/4$
 Left In: 60.477 ± 1.365 $\chi^2/\text{NDF}: 110.3/9$

Left: 61.199 ± 0.966 $\chi^2/\text{NDF}: 405.2/20$
 Right: 25.147 ± 2.749 $\chi^2/\text{NDF}: 16.7/8$
 In: 56.748 ± 1.304 $\chi^2/\text{NDF}: 194.9/13$
 Out: 57.698 ± 1.275 $\chi^2/\text{NDF}: 379.8/15$
 All: 57.234 ± 0.912 $\chi^2/\text{NDF}: 575.0/29$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.031 ± 0.203 $\chi^2/\text{NDF}: 1125.1/3$

Left Out: -122.958 ± 0.061 $\chi^2/\text{NDF}: 70166.3/10$

Right Out: -140.812 ± 0.197 $\chi^2/\text{NDF}: 7977.3/4$

Left In: -121.973 ± 0.062 $\chi^2/\text{NDF}: 77314.2/9$

Left: -122.466 ± 0.043 $\chi^2/\text{NDF}: 147608.9/20$

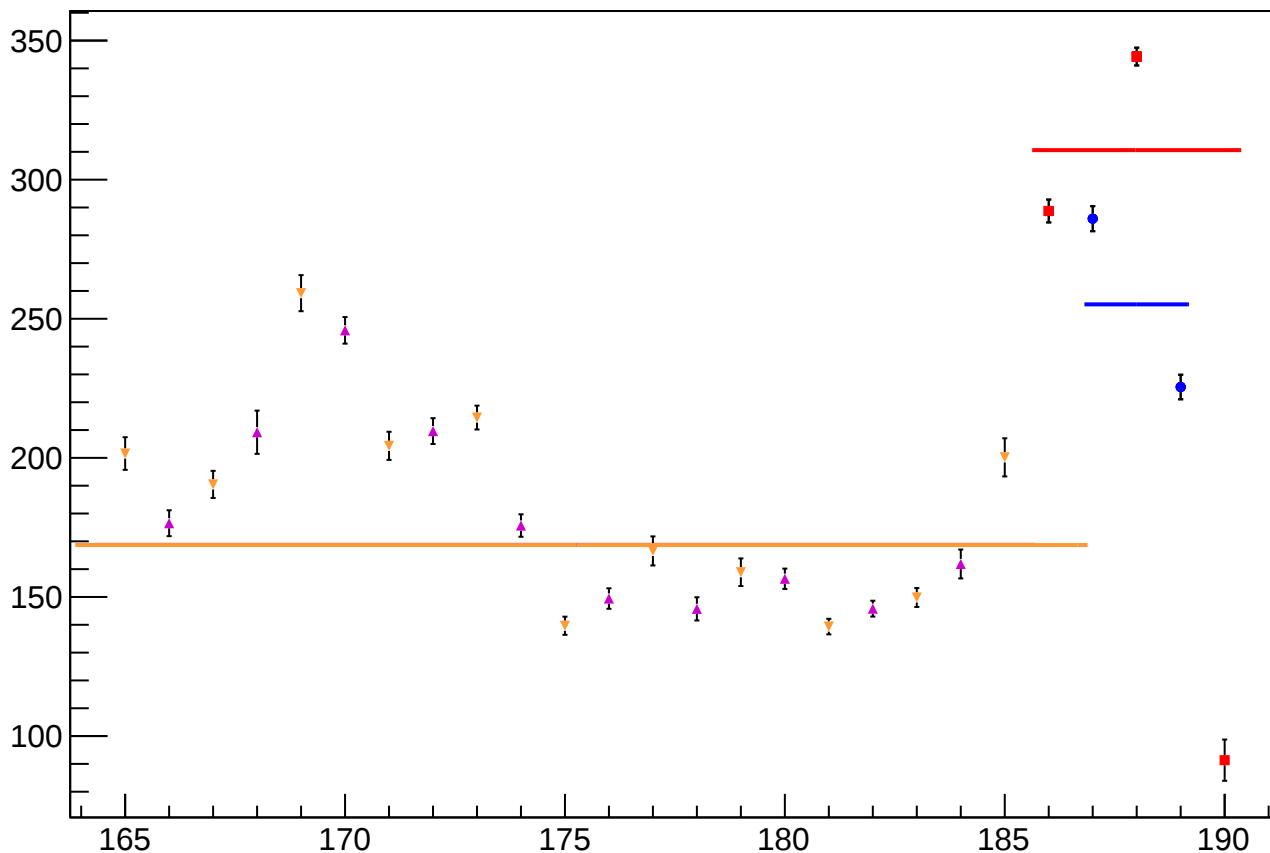
Right: -134.630 ± 0.141 $\chi^2/\text{NDF}: 11140.7/8$

In: -122.481 ± 0.059 $\chi^2/\text{NDF}: 79251.8/13$

Out: -124.543 ± 0.059 $\chi^2/\text{NDF}: 85636.6/15$

All: -123.516 ± 0.042 $\chi^2/\text{NDF}: 165503.7/29$

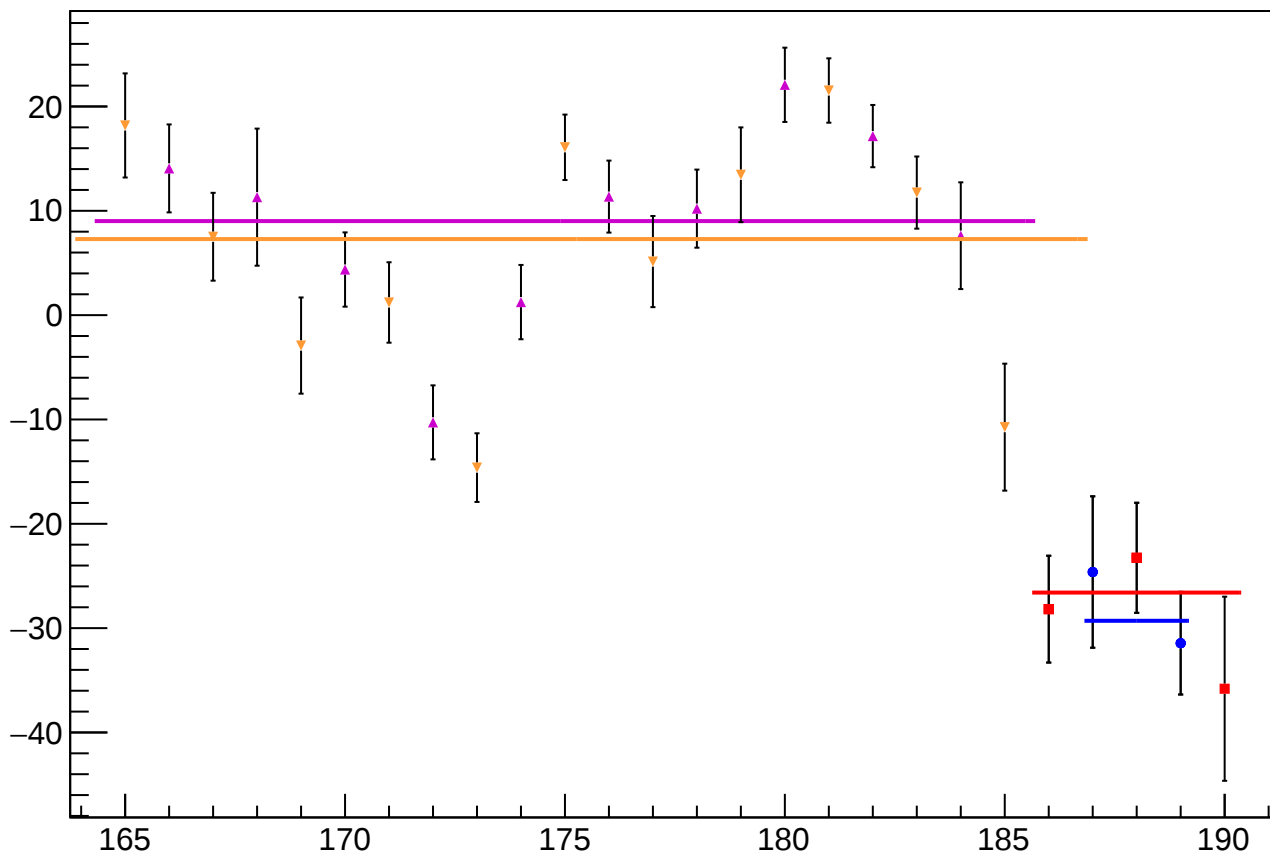
reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 255.175+/-2.229 χ^2/NDF : 184.1/3
 Left Out: 168.671+/-1.296 χ^2/NDF :655.2/10
 Right Out: 310.618+/-1.735 χ^2/NDF : 1153.6/4
 Left In: 168.735+/-1.312 χ^2/NDF :506.6/9

Left: 168.703+/-0.922 χ^2/NDF : 1161.7/20
 Right: 289.701+/-1.369 χ^2/NDF : 1723.1/8
 In: 190.982+/-1.131 χ^2/NDF :1807.7/13
 Out: 219.525+/-1.038 χ^2/NDF :6105.1/15
 All: 206.466+/-0.765 χ^2/NDF : 8258.5/29

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 8.142 $\pm$ 0.838 χ^2/NDF : 158.3/20

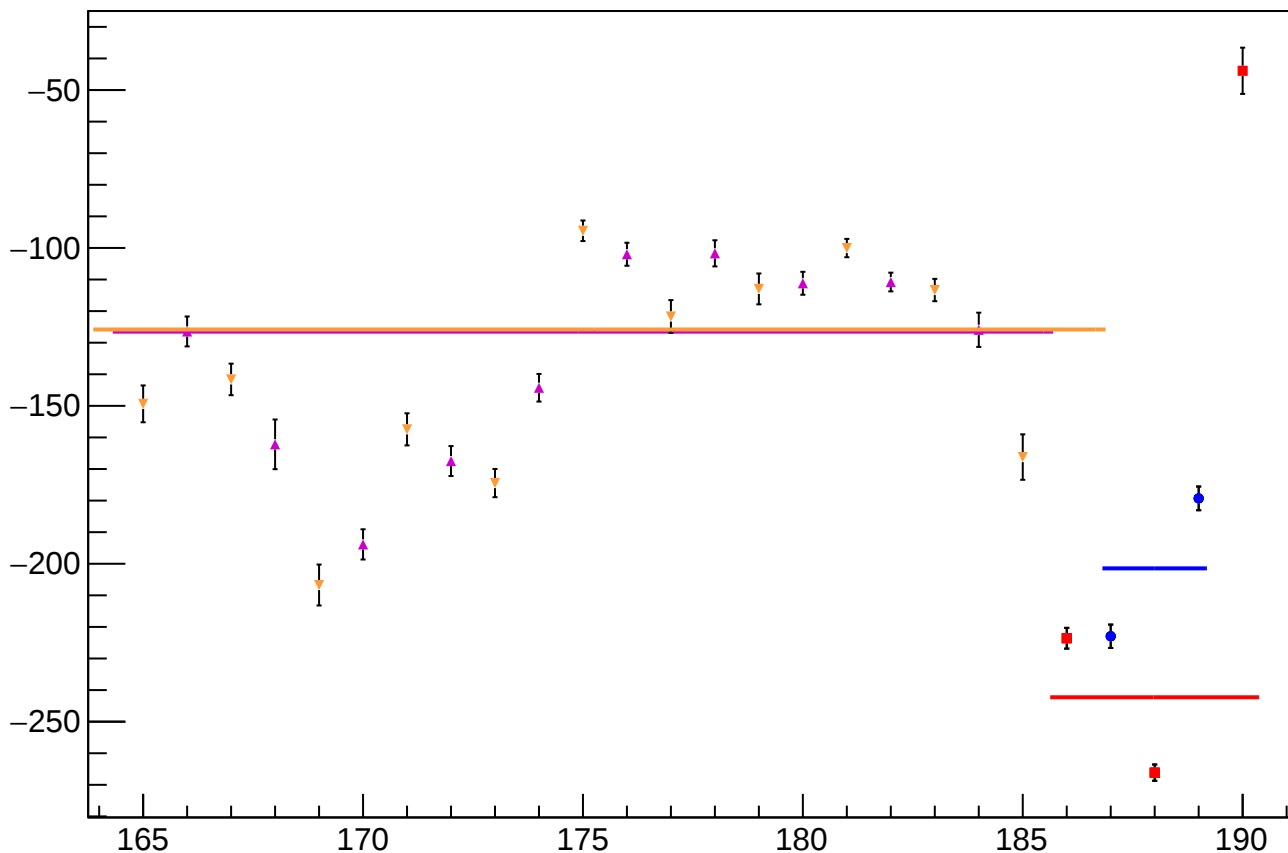
Right: -27.750 $\pm$ 1.884 χ^2/NDF : 3.8/8

In: 3.393 $\pm$ 1.103 χ^2/NDF : 211.4/13

Out: 1.110 $\pm$ 1.064 χ^2/NDF : 251.4/15

All: 2.211 $\pm$ 0.766 χ^2/NDF : 465.0/29

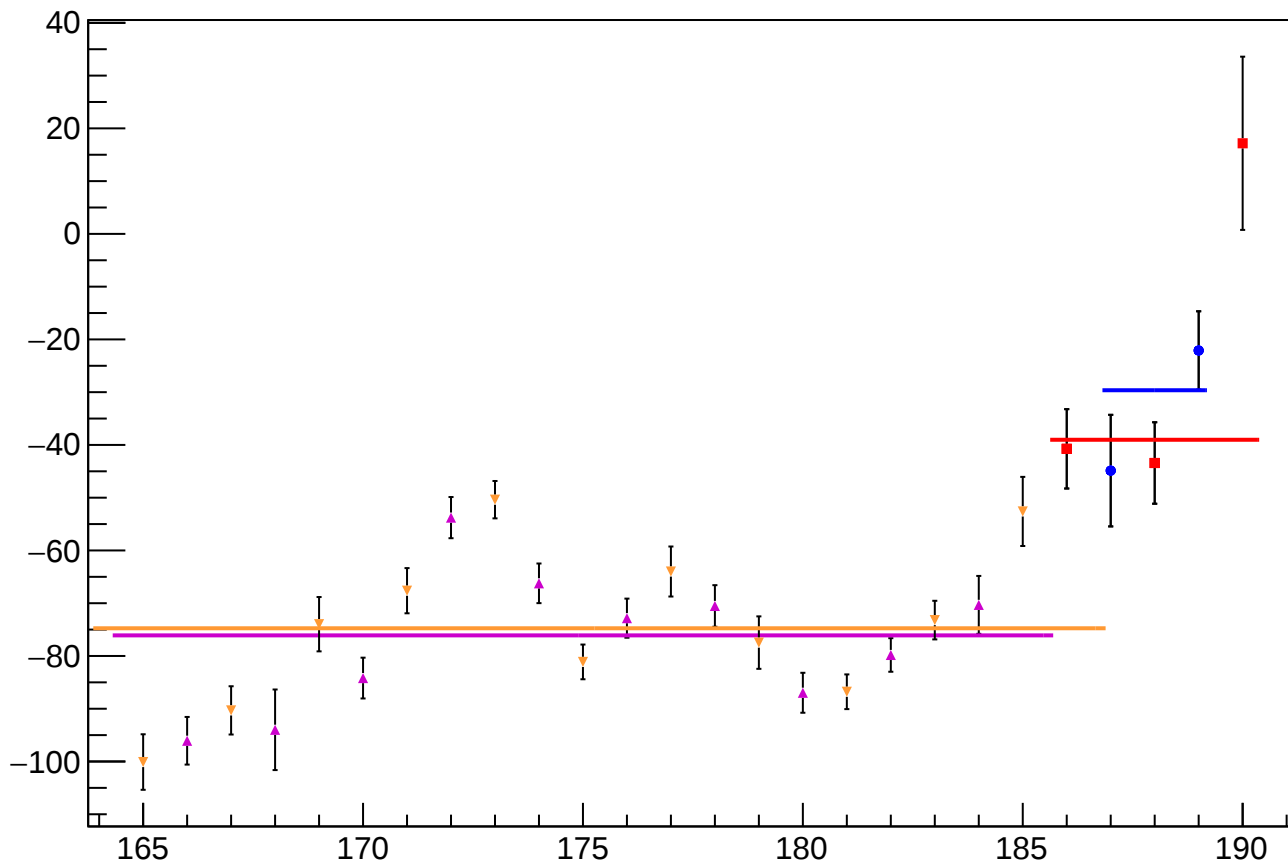
reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -126.156+/-0.940 χ^2/NDF : 999.0/20
 Right: -227.428+/-1.123 χ^2/NDF : 1413.0/8
 In: -152.014+/-1.087 χ^2/NDF :1642.9/13
 Out: -180.323+/-0.964 χ^2/NDF :5169.0/15
 All: -167.861+/-0.721 χ^2/NDF : 7191.9/29

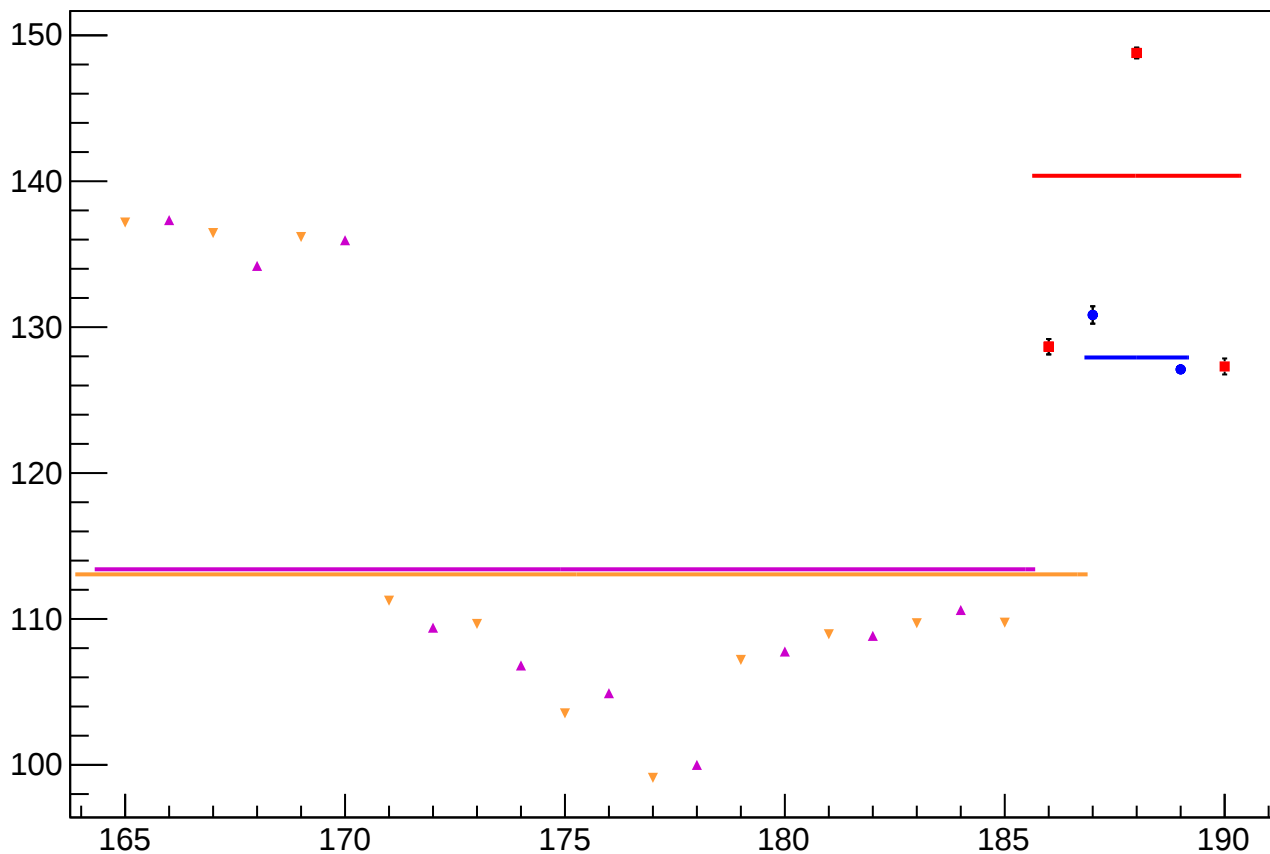
reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -29.635 $\pm$ 4.301 χ^2/NDF : 6.2/3
 Left Out: -74.750 $\pm$ 1.266 χ^2/NDF :119.1/10
 Right Out: -39.022 $\pm$ 3.710 χ^2/NDF : 12.5/4
 Left In: -76.097 $\pm$ 1.282 χ^2/NDF :82.6/9

Left: -75.415 $\pm$ 0.901 χ^2/NDF : 202.3/20
 Right: -35.017 $\pm$ 2.809 χ^2/NDF : 21.4/8
 In: -72.307 $\pm$ 1.228 χ^2/NDF :195.9/13
 Out: -71.023 $\pm$ 1.198 χ^2/NDF :214.7/15
 All: -71.649 $\pm$ 0.858 χ^2/NDF : 411.1/29

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



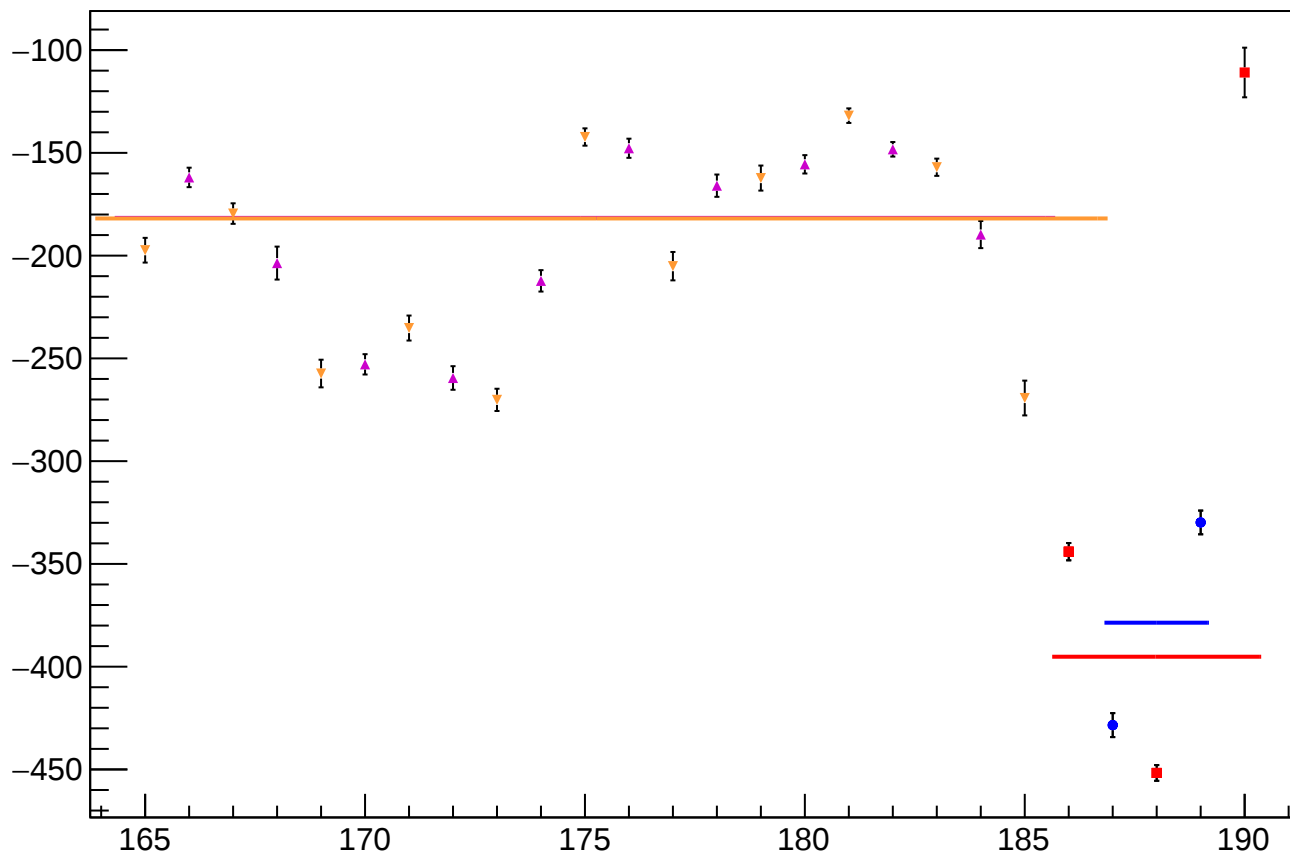
Right In: 127.922+/-0.197 χ^2/NDF : 61.3/3
 Left Out: 113.057+/-0.057 χ^2/NDF :43179.3/10
 Right Out: 140.375+/-0.198 χ^2/NDF : 2623.9/4
 Left In: 113.405+/-0.058 χ^2/NDF :46172.8/9

Left: 113.229+/-0.041 χ^2/NDF : 89370.5/20
 Right: 134.132+/-0.139 χ^2/NDF : 4678.4/8

In: 114.552+/-0.055 χ^2/NDF :51236.4/13
 Out: 115.161+/-0.055 χ^2/NDF :63459.7/15

All: 114.859+/-0.039 χ^2/NDF : 114757.2/29

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -181.776+/-1.113 χ^2 /NDF: 1563.2/20

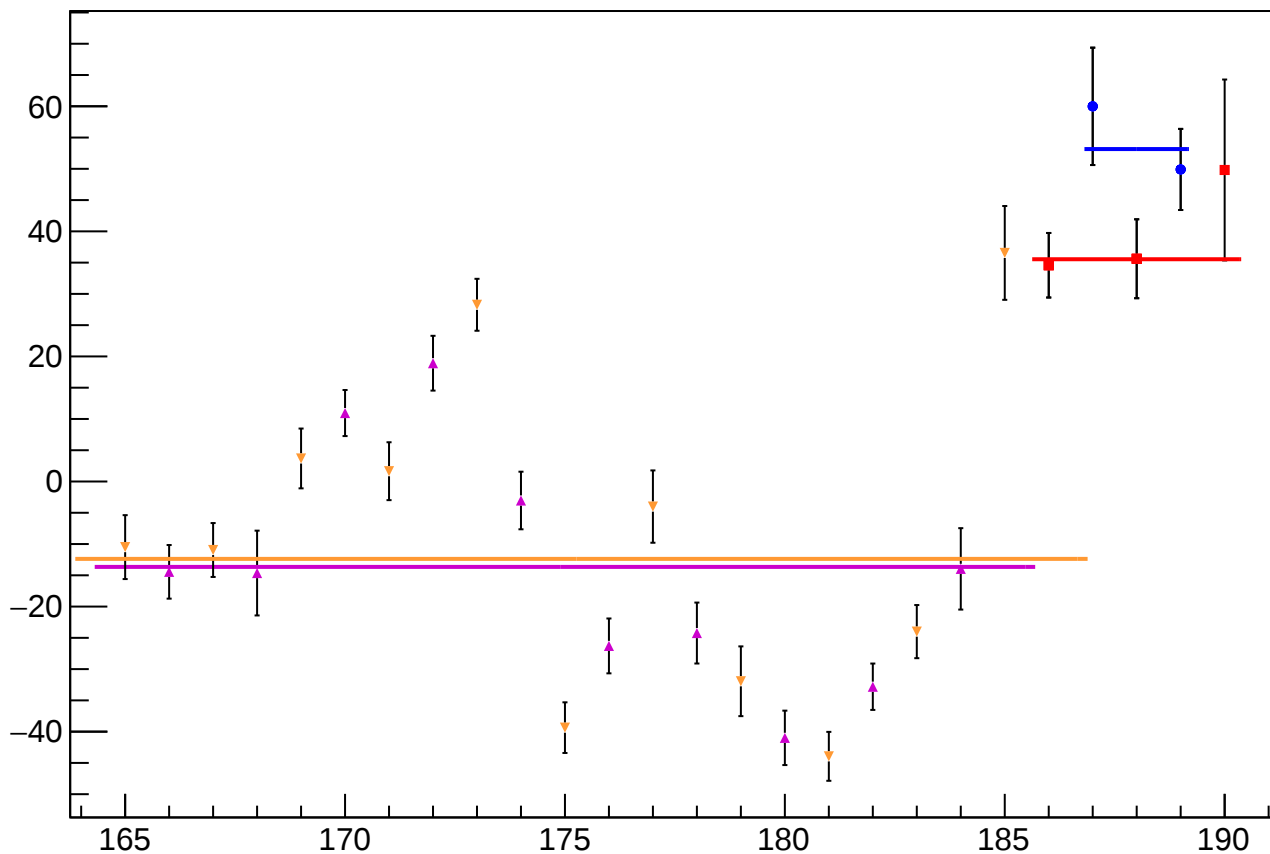
Right: -389.918+/-1.632 χ^2 /NDF: 1598.2/8

In: -226.670+/-1.387 χ^2 /NDF: 4483.1/13

Out: -264.592+/-1.229 χ^2 /NDF: 9363.2/15

All: -247.915+/-0.920 χ^2 /NDF: 14265.2/29

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -13.008 $\pm$ 1.003 χ^2 /NDF: 475.4/20

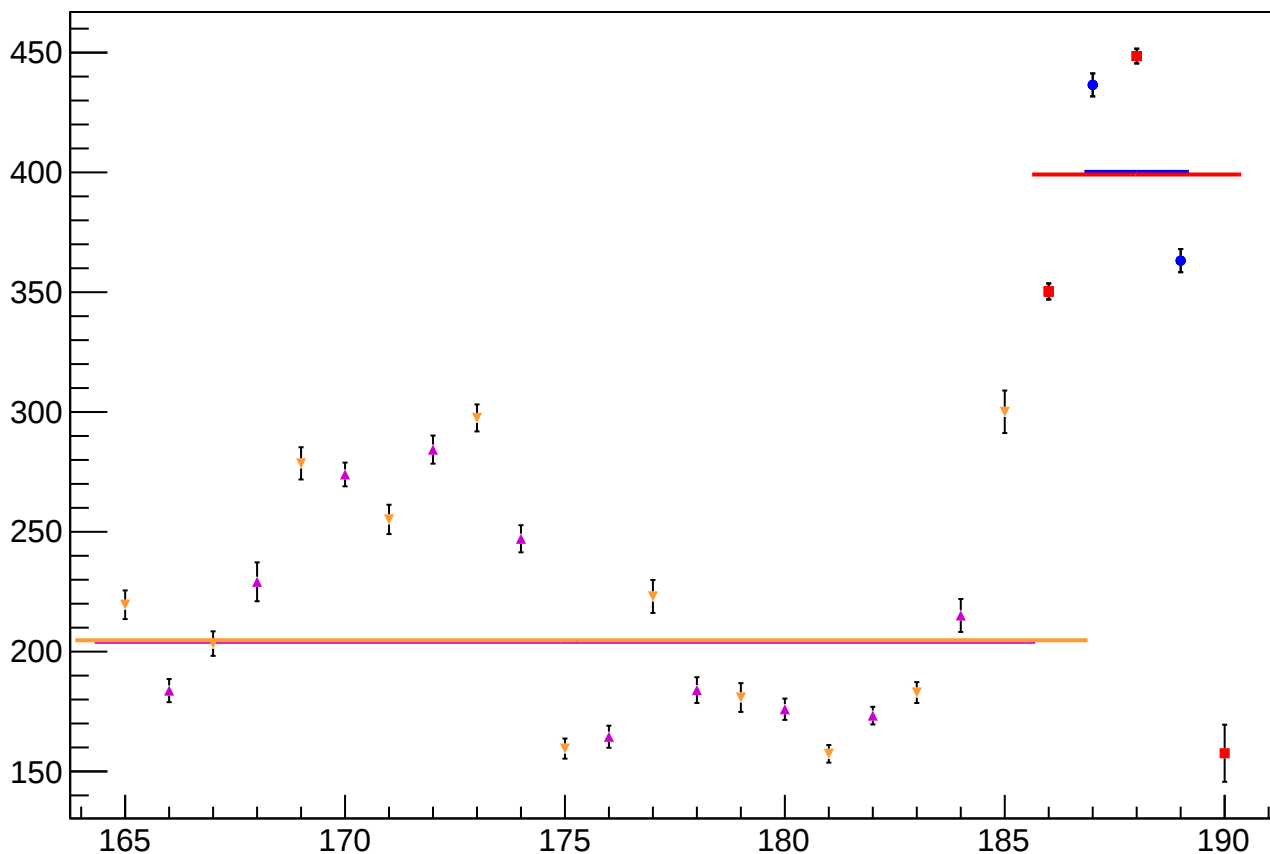
Right: 41.720 $\pm$ 2.234 χ^2 /NDF: 16.8/8

In: -5.312 $\pm$ 1.333 χ^2 /NDF: 460.6/13

Out: -2.512 $\pm$ 1.258 χ^2 /NDF: 528.7/15

All: -3.831 $\pm$ 0.915 χ^2 /NDF: 991.7/29

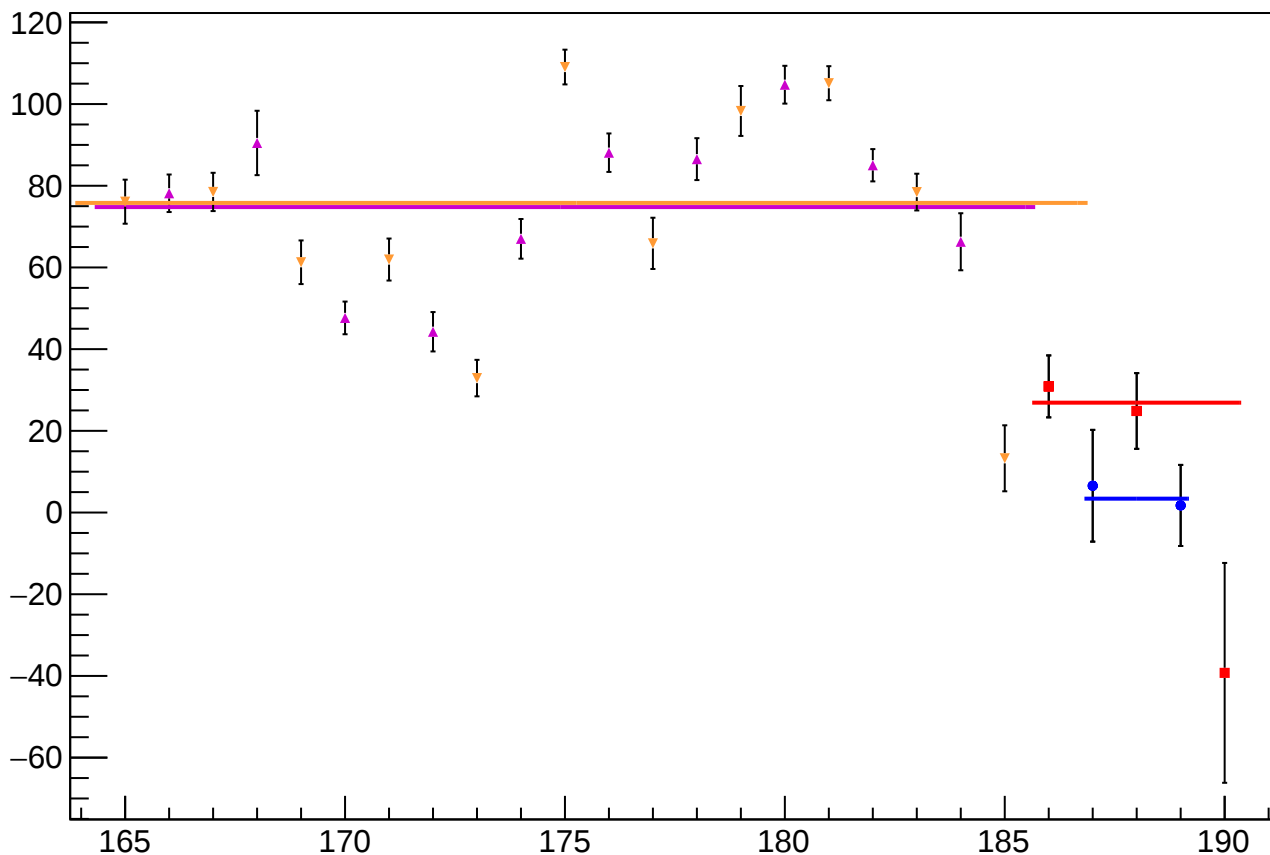
reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 204.413 $\pm$ 1.134 χ^2 /NDF: 1581.9/20
 Right: 399.465 $\pm$ 1.327 χ^2 /NDF: 1580.4/8
 In: 264.625 $\pm$ 1.337 χ^2 /NDF:5493.1/13
 Out: 302.434 $\pm$ 1.128 χ^2 /NDF:9684.8/15
 All: 286.718 $\pm$ 0.862 χ^2 /NDF: 15644.9/29

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.397+/-5.681 χ^2/NDF : 0.2/3

Left Out: 75.799+/-1.520 χ^2/NDF :294.0/10

Right Out: 26.897+/-4.102 χ^2/NDF : 6.7/4

Left In: 74.781+/-1.533 χ^2/NDF :156.5/9

Left: 75.294+/-1.079 χ^2/NDF : 450.8/20

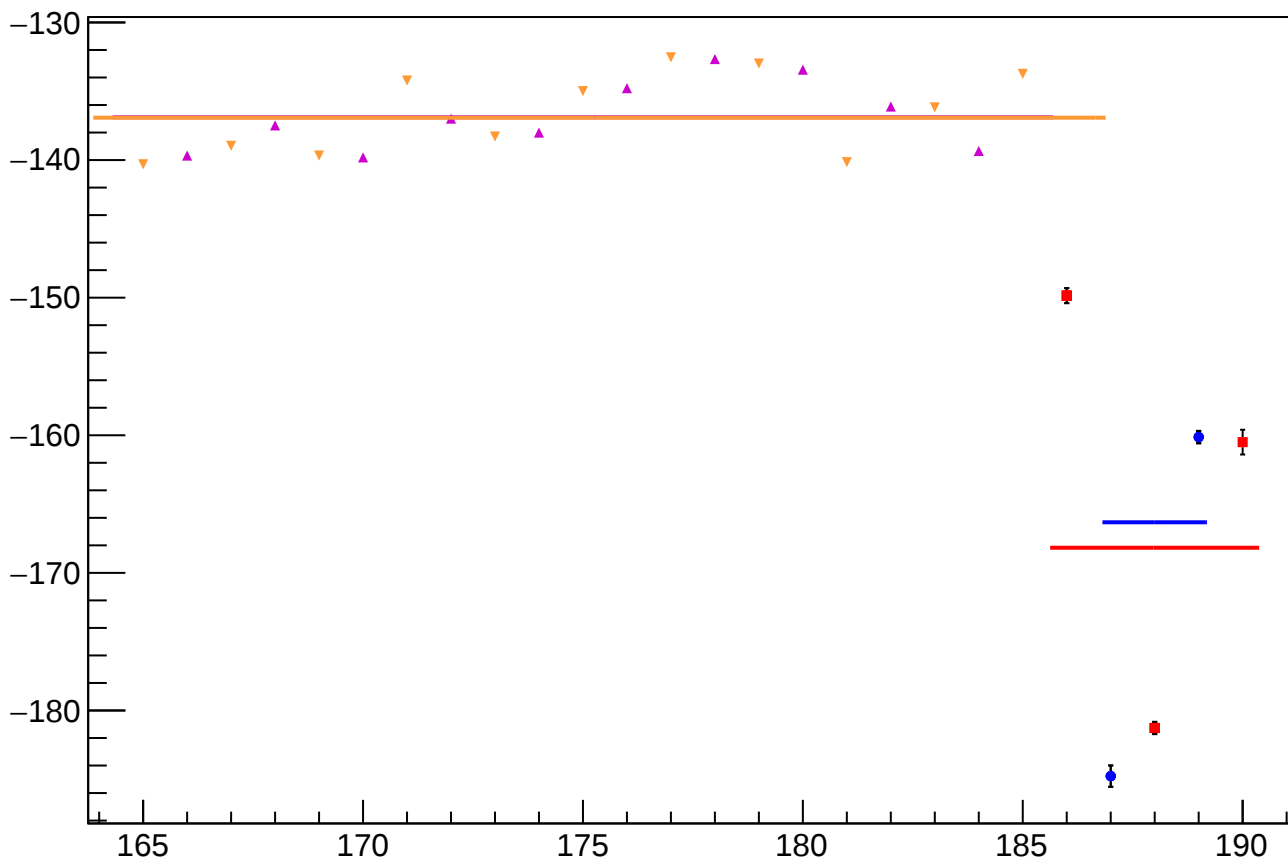
Right: 18.843+/-3.326 χ^2/NDF : 18.1/8

In: 69.938+/-1.480 χ^2/NDF :303.9/13

Out: 69.895+/-1.425 χ^2/NDF :425.7/15

All: 69.915+/-1.027 χ^2/NDF : 729.6/29

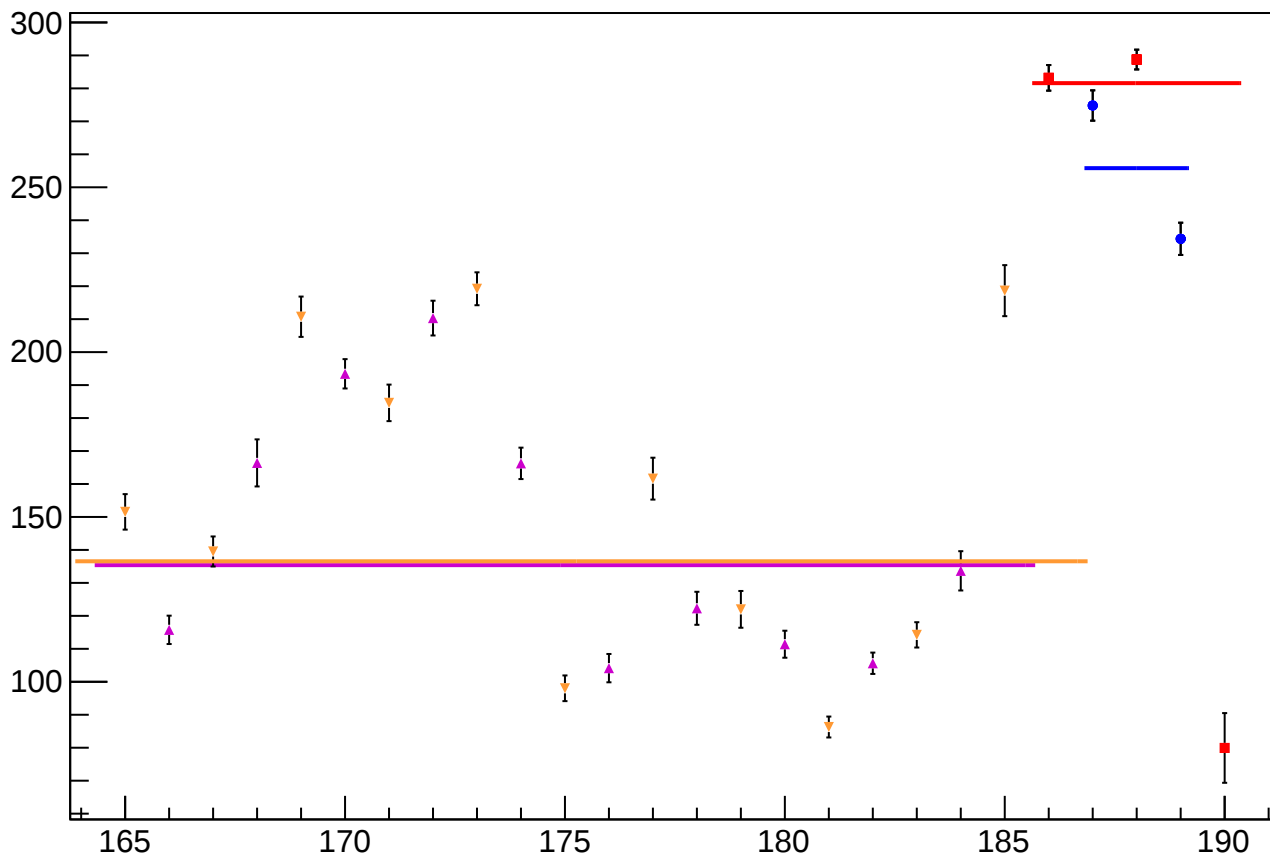
reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -136.906+/-0.049 χ^2/NDF : 2729.0/20
 Right: -167.391+/-0.179 χ^2/NDF : 5615.7/8
 In: -138.639+/-0.067 χ^2/NDF : 13492.6/13
 Out: -139.370+/-0.066 χ^2/NDF : 21938.3/15
 All: -139.011+/-0.047 χ^2/NDF : 35491.6/29

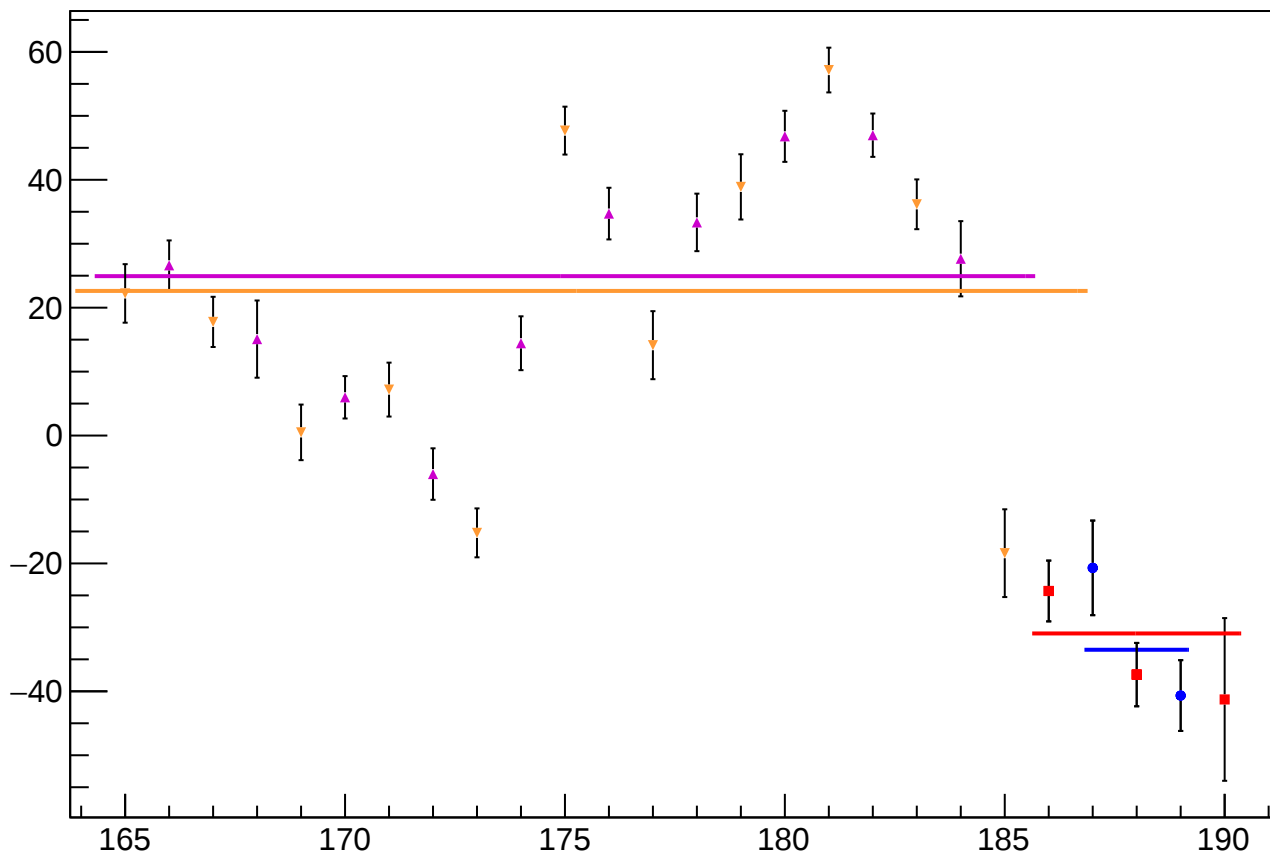
reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 255.805 $\pm$ 2.369 χ^2/NDF : 72.6/3
 Left Out: 136.553 $\pm$ 1.430 χ^2/NDF :1022.8/10
 Right Out: 281.593 $\pm$ 1.658 χ^2/NDF : 375.6/4
 Left In: 135.382 $\pm$ 1.441 χ^2/NDF :632.4/9

Left: 135.972 $\pm$ 1.015 χ^2/NDF : 1655.5/20
 Right: 273.118 $\pm$ 1.358 χ^2/NDF : 527.7/8
 In: 167.906 $\pm$ 1.231 χ^2/NDF :2590.5/13
 Out: 198.433 $\pm$ 1.083 χ^2/NDF :5787.7/15
 All: 185.122 $\pm$ 0.813 χ^2/NDF : 8724.8/29

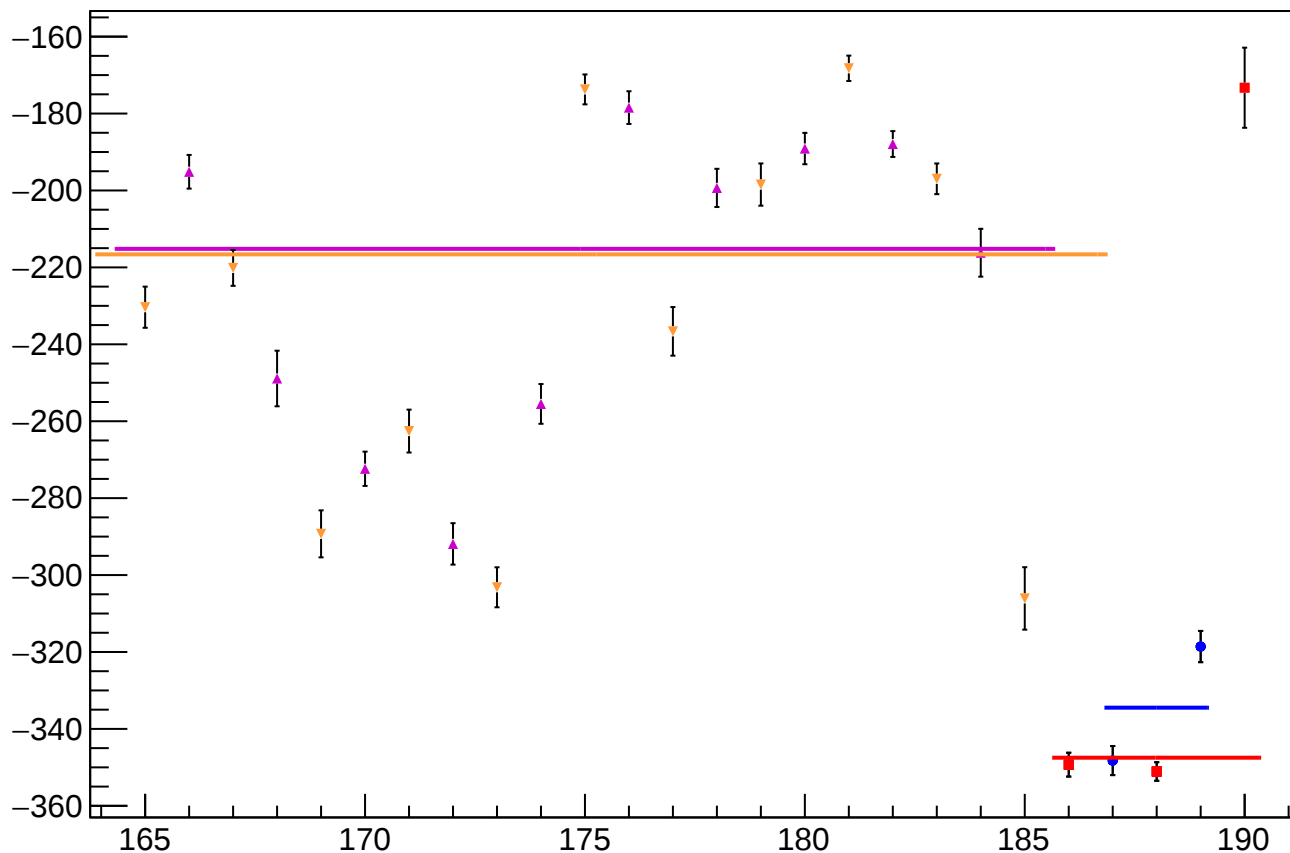
reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -33.501 ± 3.133 $\chi^2/\text{NDF}: 9.3/3$
 Left Out: 22.619 ± 1.287 $\chi^2/\text{NDF}: 341.4/10$
 Right Out: -30.951 ± 2.383 $\chi^2/\text{NDF}: 7.9/4$
 Left In: 24.931 ± 1.300 $\chi^2/\text{NDF}: 182.8/9$

Left: 23.763 ± 0.914 $\chi^2/\text{NDF}: 525.8/20$
 Right: -31.885 ± 1.897 $\chi^2/\text{NDF}: 17.7/8$
 In: 16.353 ± 1.201 $\chi^2/\text{NDF}: 488.8/13$
 Out: 10.525 ± 1.132 $\chi^2/\text{NDF}: 740.6/15$
 All: 13.268 ± 0.824 $\chi^2/\text{NDF}: 1241.9/29$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -334.477 ± 1.956 $\chi^2/\text{NDF}: 57.1/3$
 Left Out: -216.615 ± 1.457 $\chi^2/\text{NDF}: 997.7/10$
 Right Out: -347.488 ± 1.336 $\chi^2/\text{NDF}: 284.8/4$
 Left In: -215.179 ± 1.468 $\chi^2/\text{NDF}: 662.4/9$

Left: -215.903 ± 1.034 $\chi^2/\text{NDF}: 1660.6/20$

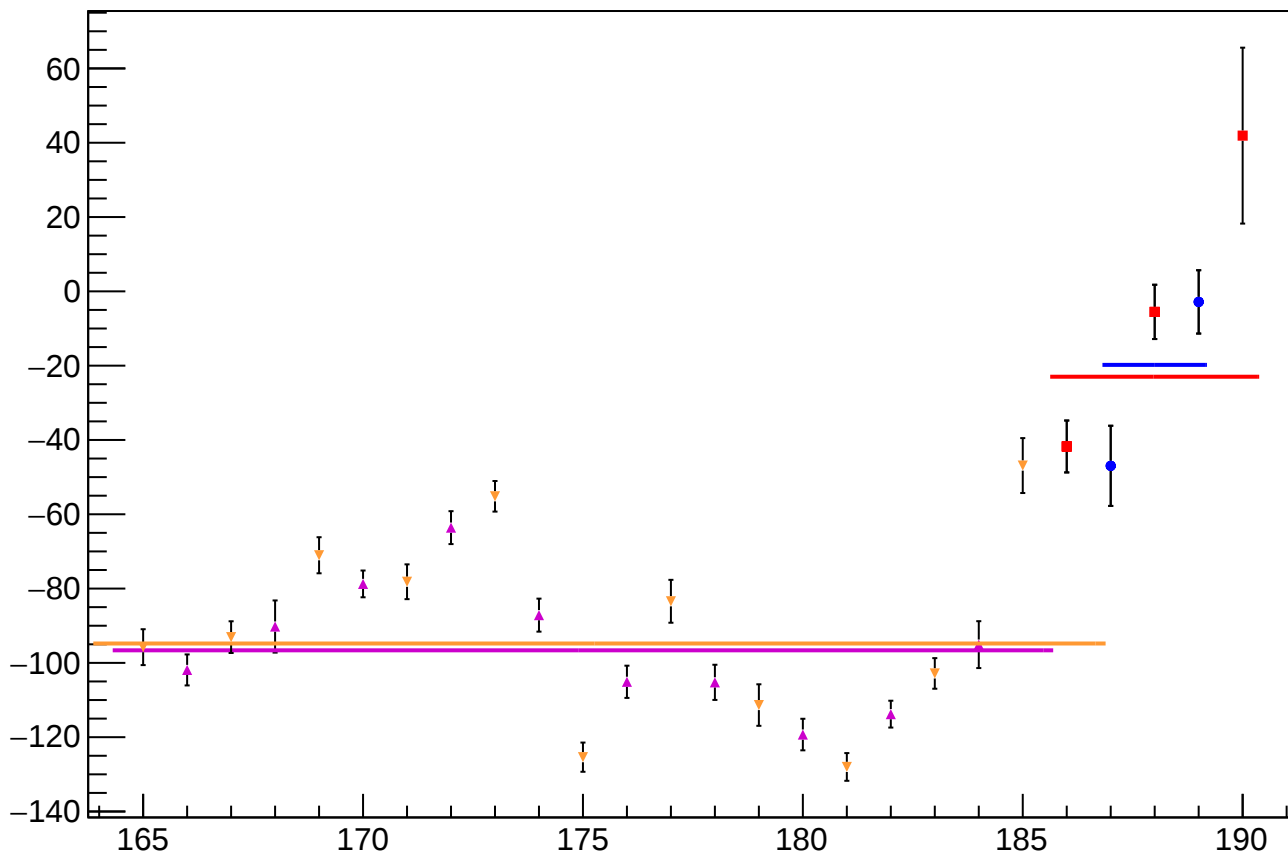
Right: -343.348 ± 1.104 $\chi^2/\text{NDF}: 372.1/8$

In: -258.161 ± 1.174 $\chi^2/\text{NDF}: 3098.4/13$

Out: -287.665 ± 0.985 $\chi^2/\text{NDF}: 5665.5/15$

All: -275.483 ± 0.755 $\chi^2/\text{NDF}: 9134.6/29$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.790 ± 4.729 χ^2/NDF : 20.6/3

Left Out: -94.785 ± 1.386 χ^2/NDF : 327.6/10

Right Out: -22.978 ± 3.531 χ^2/NDF : 33.4/4

Left In: -96.621 ± 1.398 χ^2/NDF : 145.5/9

Left: -95.695 ± 0.984 χ^2/NDF : 474.0/20

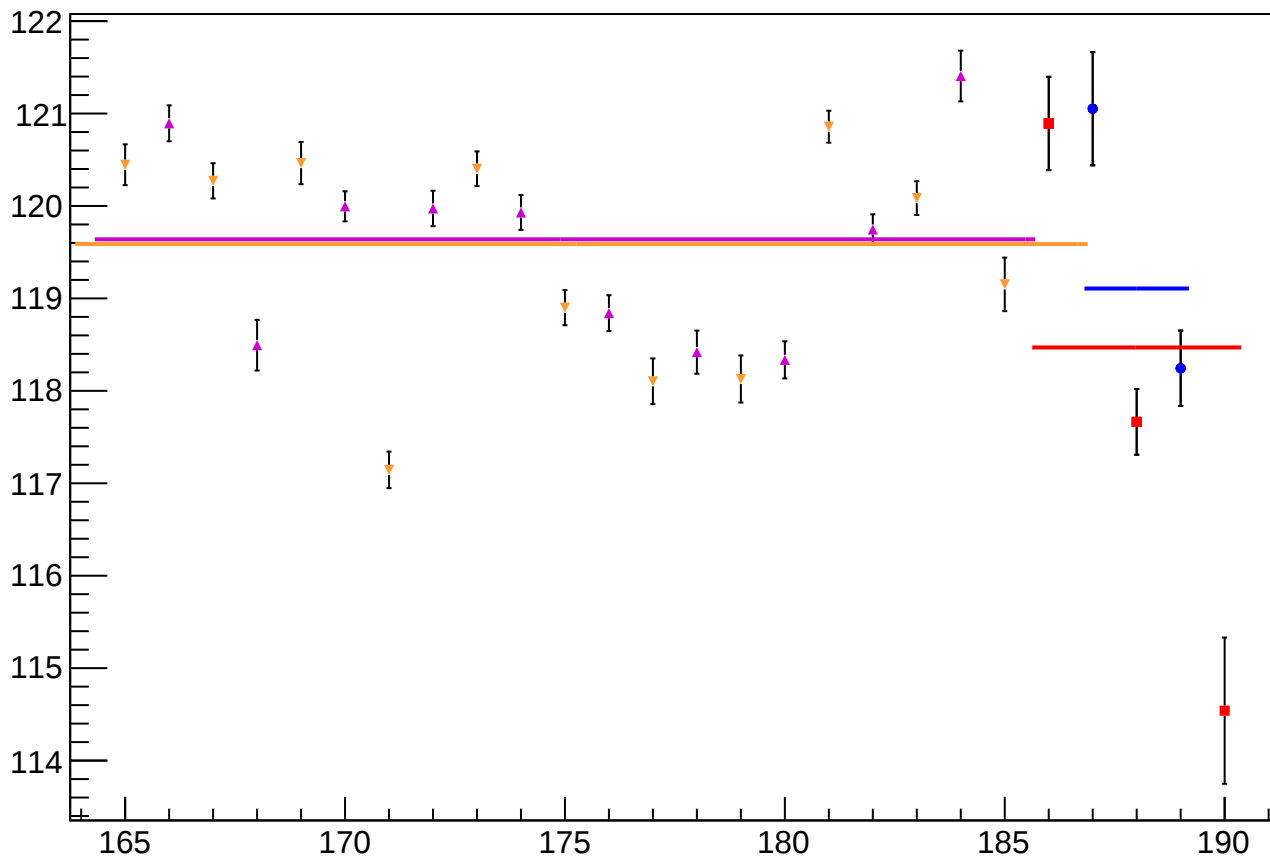
Right: -21.837 ± 2.829 χ^2/NDF : 54.3/8

In: -90.444 ± 1.341 χ^2/NDF : 408.9/13

Out: -85.196 ± 1.290 χ^2/NDF : 719.4/15

All: -87.719 ± 0.930 χ^2/NDF : 1136.2/29

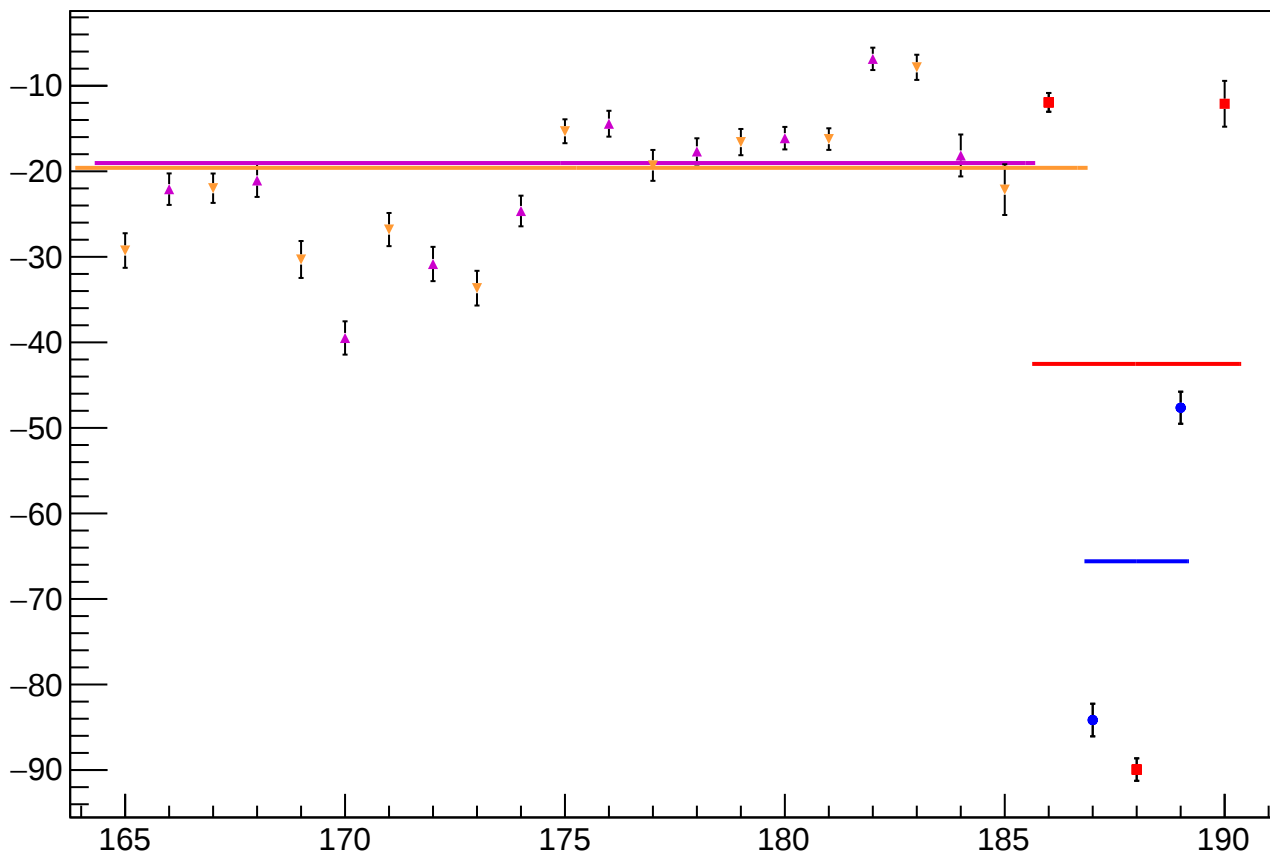
reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 119.614 ± 0.044 χ^2/NDF : 558.1/20
 Right: 118.729 ± 0.153 χ^2/NDF : 114.3/8
 In: 119.605 ± 0.061 χ^2/NDF : 231.5/13
 Out: 119.488 ± 0.060 χ^2/NDF : 469.9/15
 All: 119.545 ± 0.043 χ^2/NDF : 703.2/29

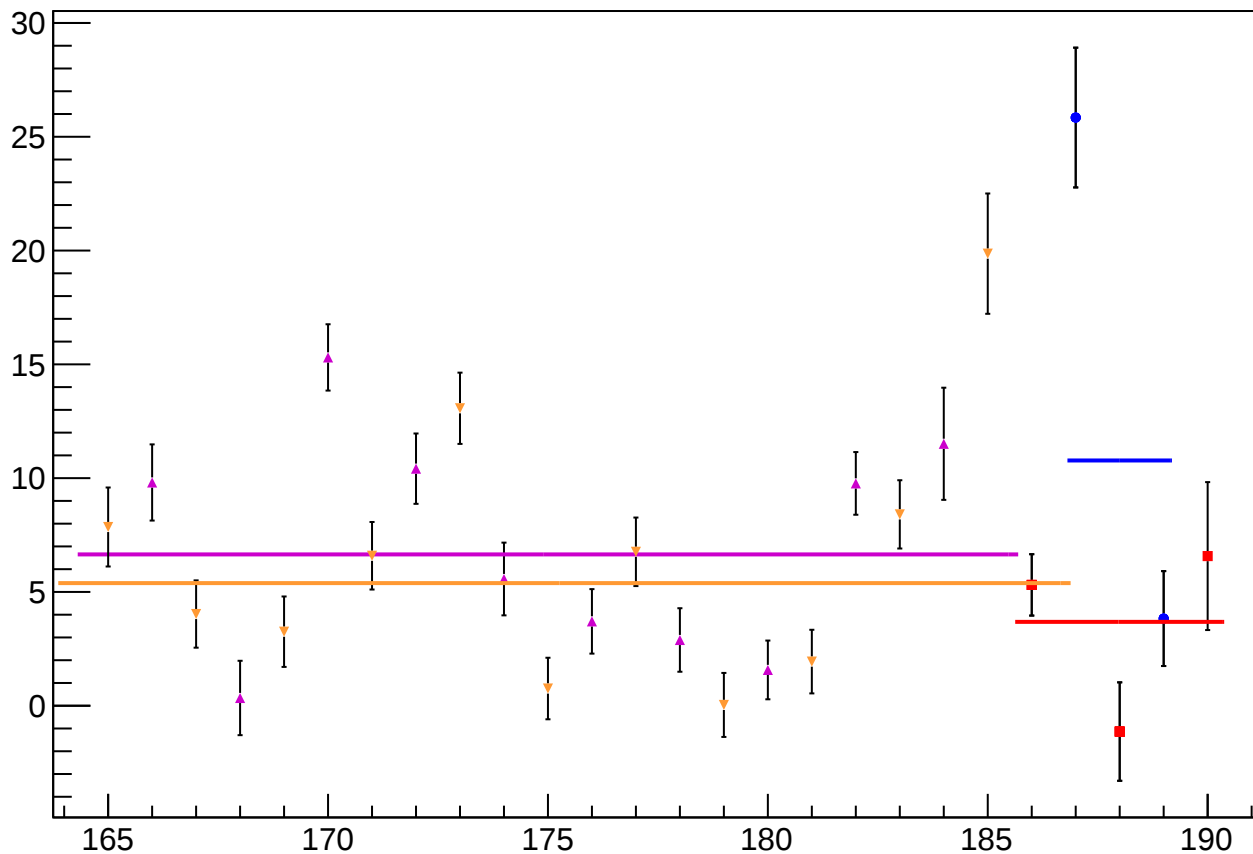
reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.595 ± 0.945 $\chi^2/\text{NDF}: 373.2/3$
 Left Out: -19.595 ± 0.516 $\chi^2/\text{NDF}: 196.2/10$
 Right Out: -42.518 ± 0.581 $\chi^2/\text{NDF}: 4287.0/4$
 Left In: -19.032 ± 0.529 $\chi^2/\text{NDF}: 260.3/9$

Left: -19.320 ± 0.369 $\chi^2/\text{NDF}: 457.1/20$
 Right: -48.857 ± 0.495 $\chi^2/\text{NDF}: 5092.7/8$
 In: -30.132 ± 0.461 $\chi^2/\text{NDF}: 2482.8/13$
 Out: -29.695 ± 0.386 $\chi^2/\text{NDF}: 5352.5/15$
 All: -29.875 ± 0.296 $\chi^2/\text{NDF}: 7835.8/29$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.777+/-1.220 χ^2/NDF : 70.4/3

Left Out: 5.388+/-0.463 χ^2/NDF :96.7/10

Right Out: 3.685+/-0.785 χ^2/NDF : 13.6/4

Left In: 6.649+/-0.481 χ^2/NDF :96.2/9

Left: 5.994+/-0.334 χ^2/NDF : 196.5/20

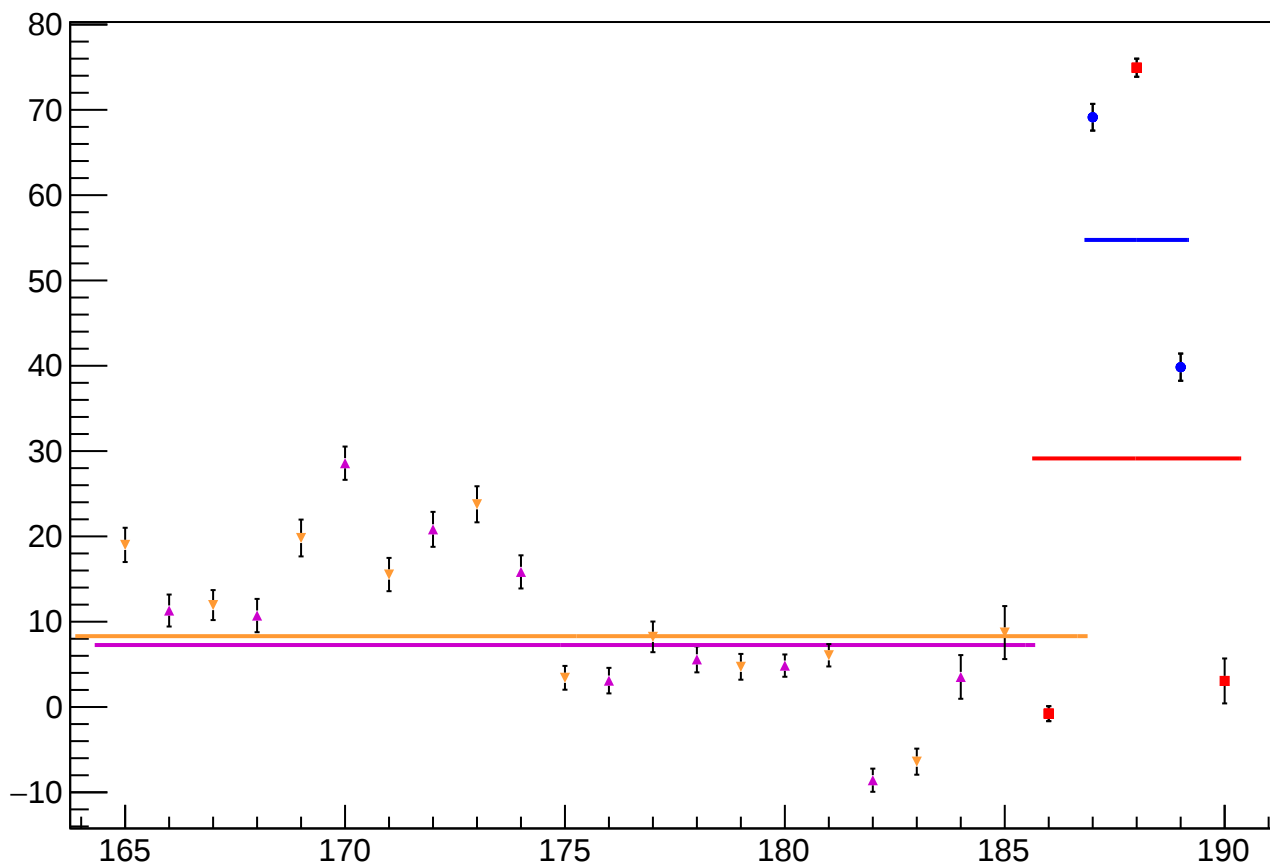
Right: 5.763+/-0.660 χ^2/NDF : 107.9/8

In: 7.205+/-0.448 χ^2/NDF :176.5/13

Out: 4.949+/-0.399 χ^2/NDF :113.8/15

All: 5.947+/-0.298 χ^2/NDF : 304.5/29

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 7.798+/-0.375 χ^2/NDF : 584.8/20

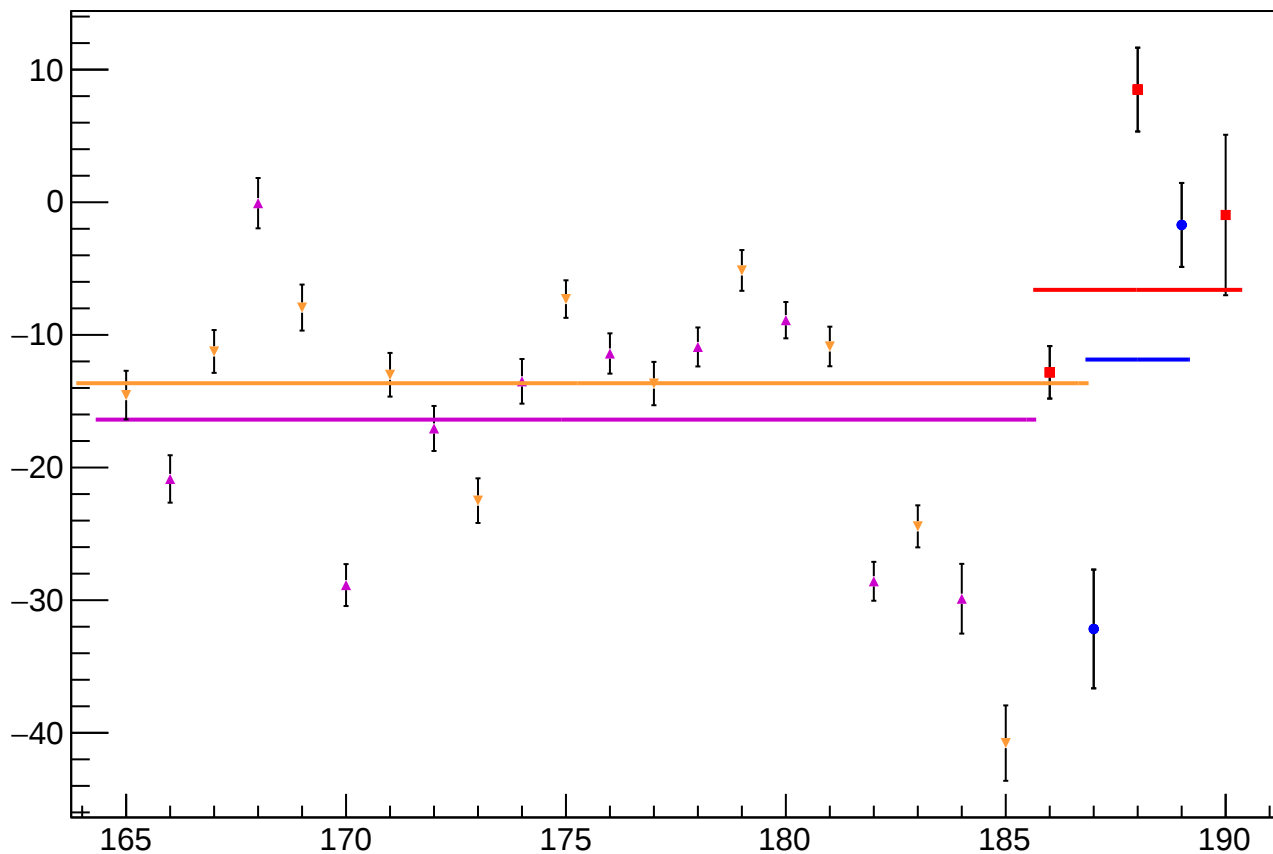
Right: 35.845+/-0.404 χ^2/NDF : 7268.9/8

In: 22.269+/-0.444 χ^2/NDF :3156.7/13

Out: 19.831+/-0.350 χ^2/NDF :7266.4/15

All: 20.766+/-0.275 χ^2/NDF : 10441.7/29

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.858 $\pm$ 1.827 χ^2 /NDF: 61.7/3

Left Out: -13.642 $\pm$ 0.500 χ^2 /NDF:232.8/10

Right Out: -6.604 $\pm$ 1.164 χ^2 /NDF: 66.3/4

Left In: -16.387 $\pm$ 0.518 χ^2 /NDF:295.8/9

Left: -14.966 $\pm$ 0.360 χ^2 /NDF: 543.1/20

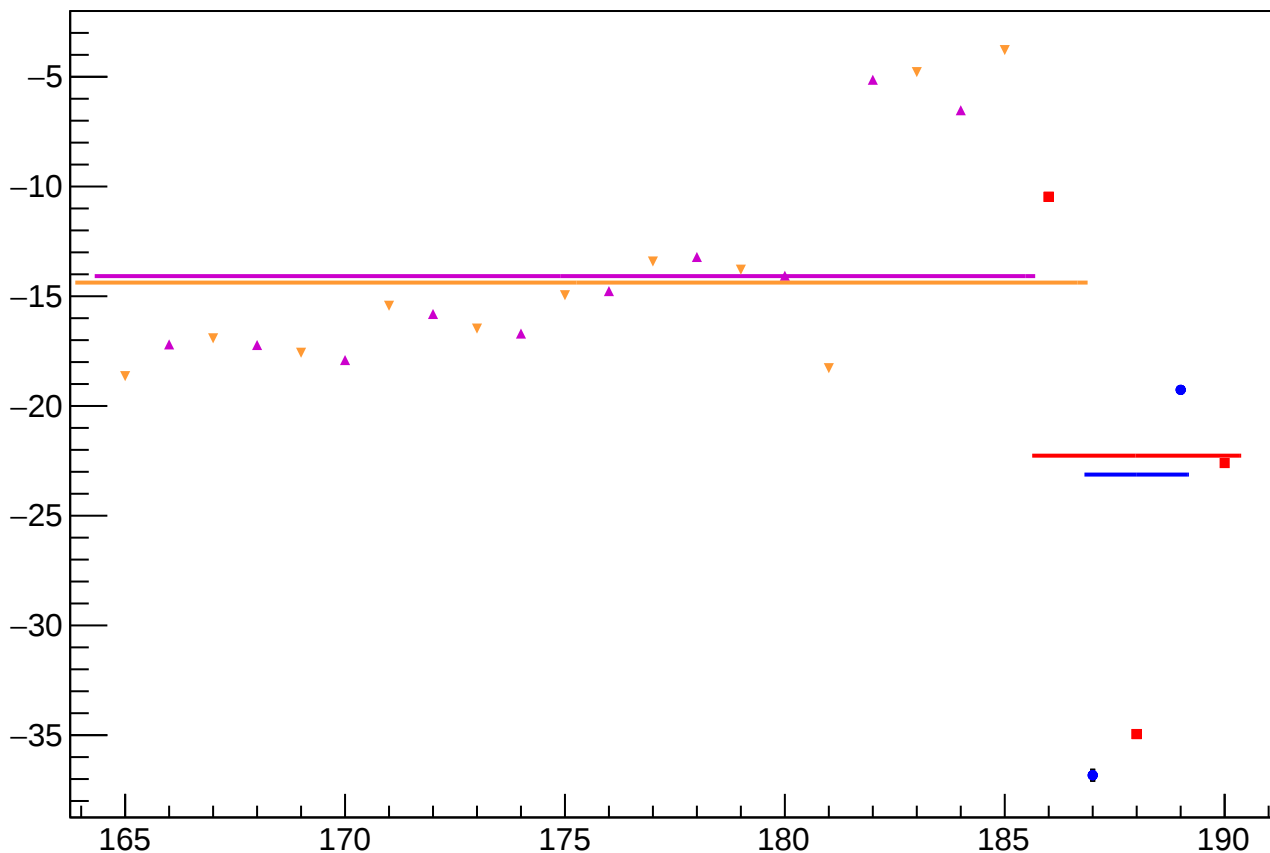
Right: -8.120 $\pm$ 0.981 χ^2 /NDF: 133.9/8

In: -16.051 $\pm$ 0.498 χ^2 /NDF:363.2/13

Out: -12.546 $\pm$ 0.459 χ^2 /NDF:329.9/15

All: -14.156 $\pm$ 0.338 χ^2 /NDF: 719.9/29

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected

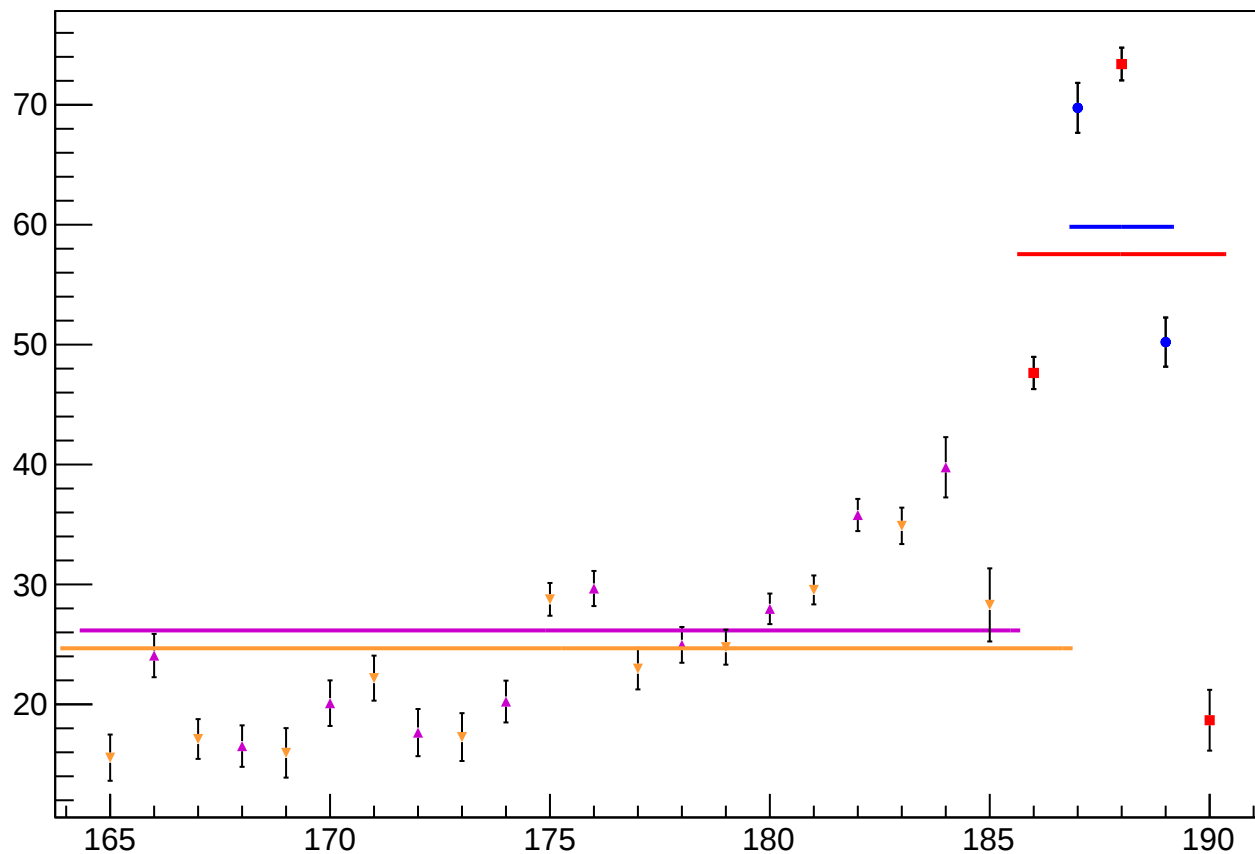


Right In: -23.126 $\pm$ 0.084 χ^2 /NDF: 7543.0/3
 Left Out: -14.377 $\pm$ 0.022 χ^2 /NDF: 38009.0/10
 Right Out: -22.265 $\pm$ 0.068 χ^2 /NDF: 28650.6/4
 Left In: -14.083 $\pm$ 0.023 χ^2 /NDF: 30928.4/9

Left: -14.234 $\pm$ 0.016 χ^2 /NDF: 69022.1/20
 Right: -22.607 $\pm$ 0.053 χ^2 /NDF: 36257.4/8
 In: -14.716 $\pm$ 0.022 χ^2 /NDF: 49312.9/13
 Out: -15.143 $\pm$ 0.021 χ^2 /NDF: 78793.9/15

All: -14.939 $\pm$ 0.015 χ^2 /NDF: 128300.6/29

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 25.398 +/- 0.360 χ^2/NDF : 315.8/20

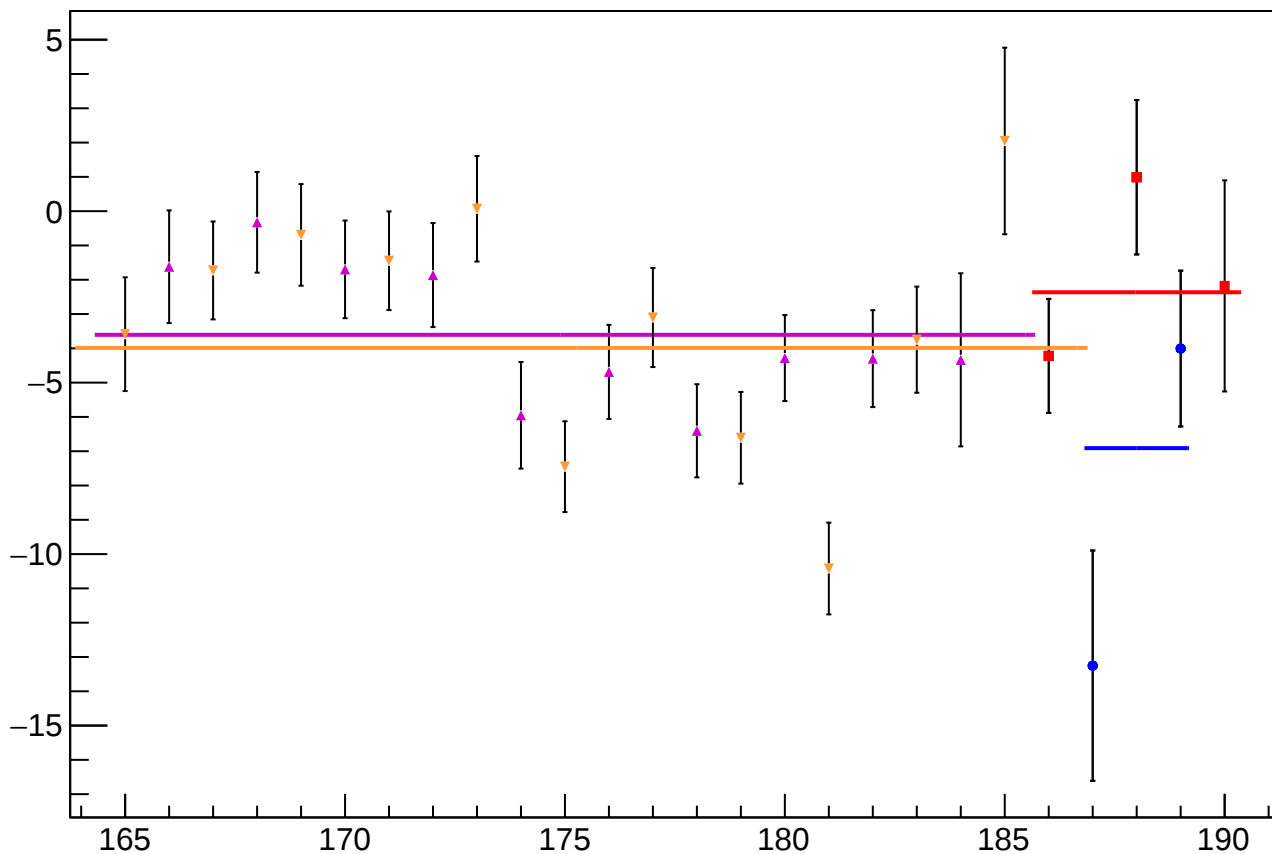
Right: 58.198 +/- 0.553 χ^2/NDF : 706.6/8

In: 32.896 +/- 0.462 χ^2/NDF : 1101.0/13

Out: 36.858 +/- 0.398 χ^2/NDF : 2352.6/15

All: 35.169 +/- 0.302 χ^2/NDF : 3495.7/29

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 17.3/9$

Left: -3.804 ± 0.325 $\chi^2/\text{NDF}: 74.4/20$

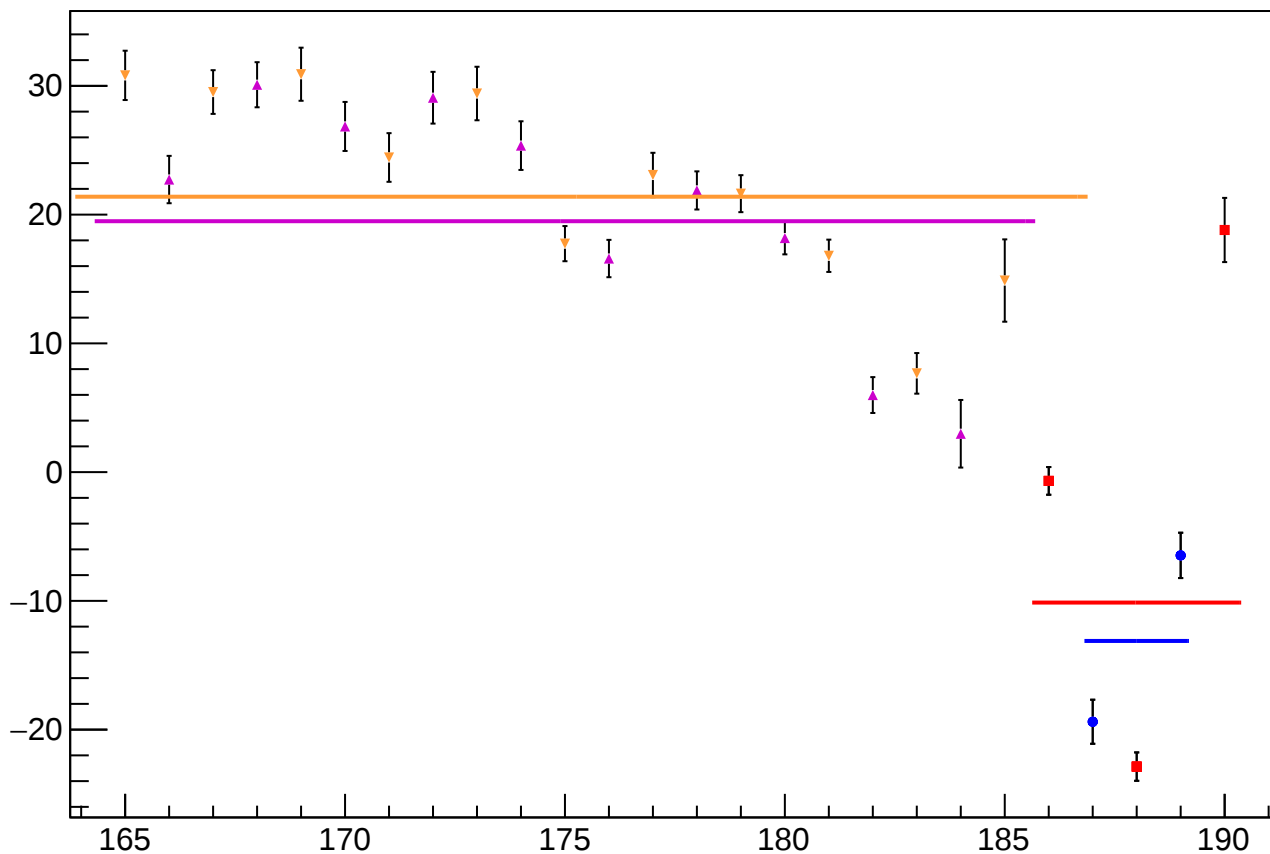
Right: -3.800 ± 0.748 $\chi^2/\text{NDF}: 25.3/8$

In: -3.971 ± 0.442 $\chi^2/\text{NDF}: 33.2/13$

Out: -3.665 ± 0.403 $\chi^2/\text{NDF}: 66.2/15$

All: -3.804 ± 0.298 $\chi^2/\text{NDF}: 99.7/29$

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 20.468 $\pm$ 0.365 χ^2/NDF : 422.2/20

Right: -10.946 $\pm$ 0.453 χ^2/NDF : 620.3/8

In: 10.771 $\pm$ 0.449 χ^2/NDF :1317.8/13

Out: 6.321 $\pm$ 0.368 χ^2/NDF :2576.9/15

All: 8.109 $\pm$ 0.284 χ^2/NDF : 3953.6/29

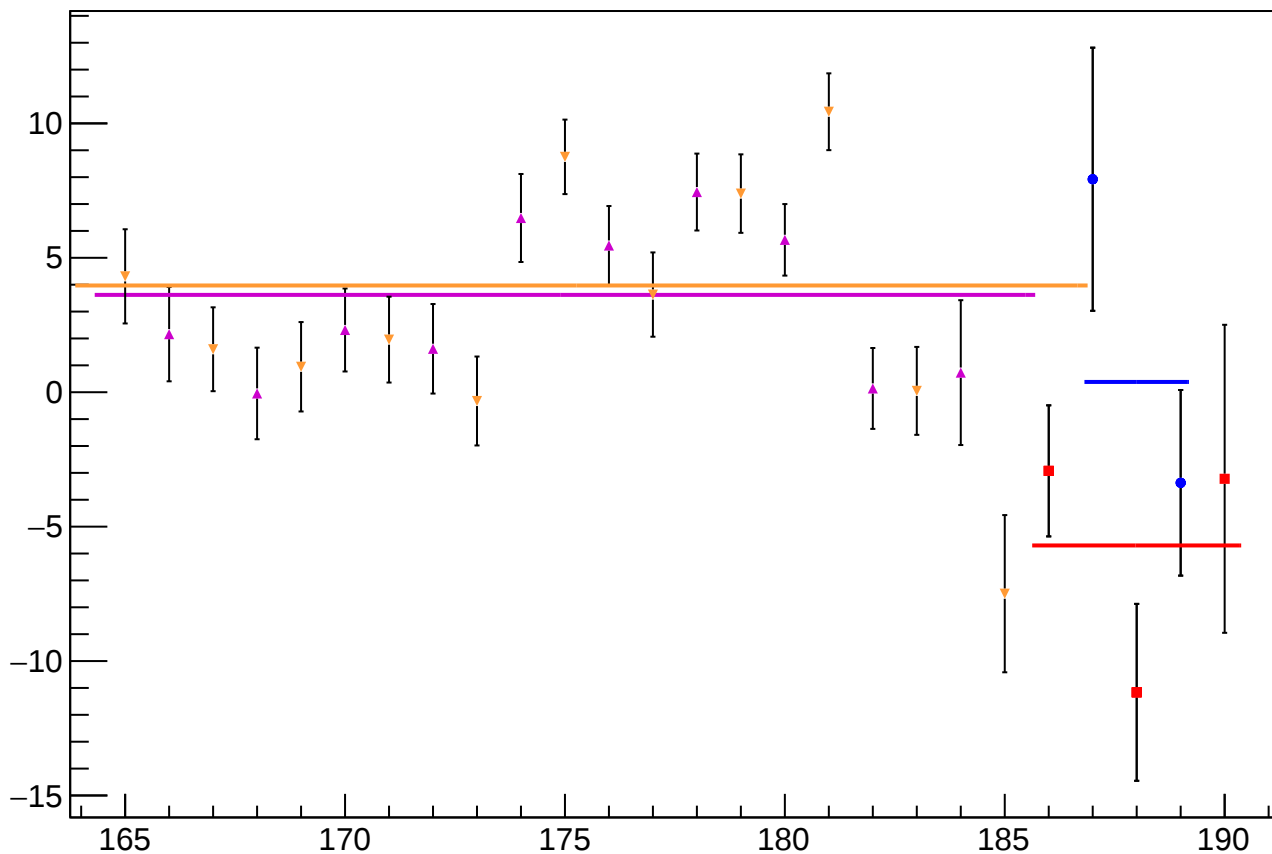
Right In: -13.113 $\pm$ 0.868 χ^2/NDF : 55.4/3

Left Out: 21.392 $\pm$ 0.509 χ^2/NDF :187.2/10

Right Out: -10.132 $\pm$ 0.532 χ^2/NDF : 556.3/4

Left In: 19.489 $\pm$ 0.524 χ^2/NDF :228.3/9

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 28.1/9$

Left: 3.802 ± 0.350 $\chi^2/\text{NDF}: 101.4/20$

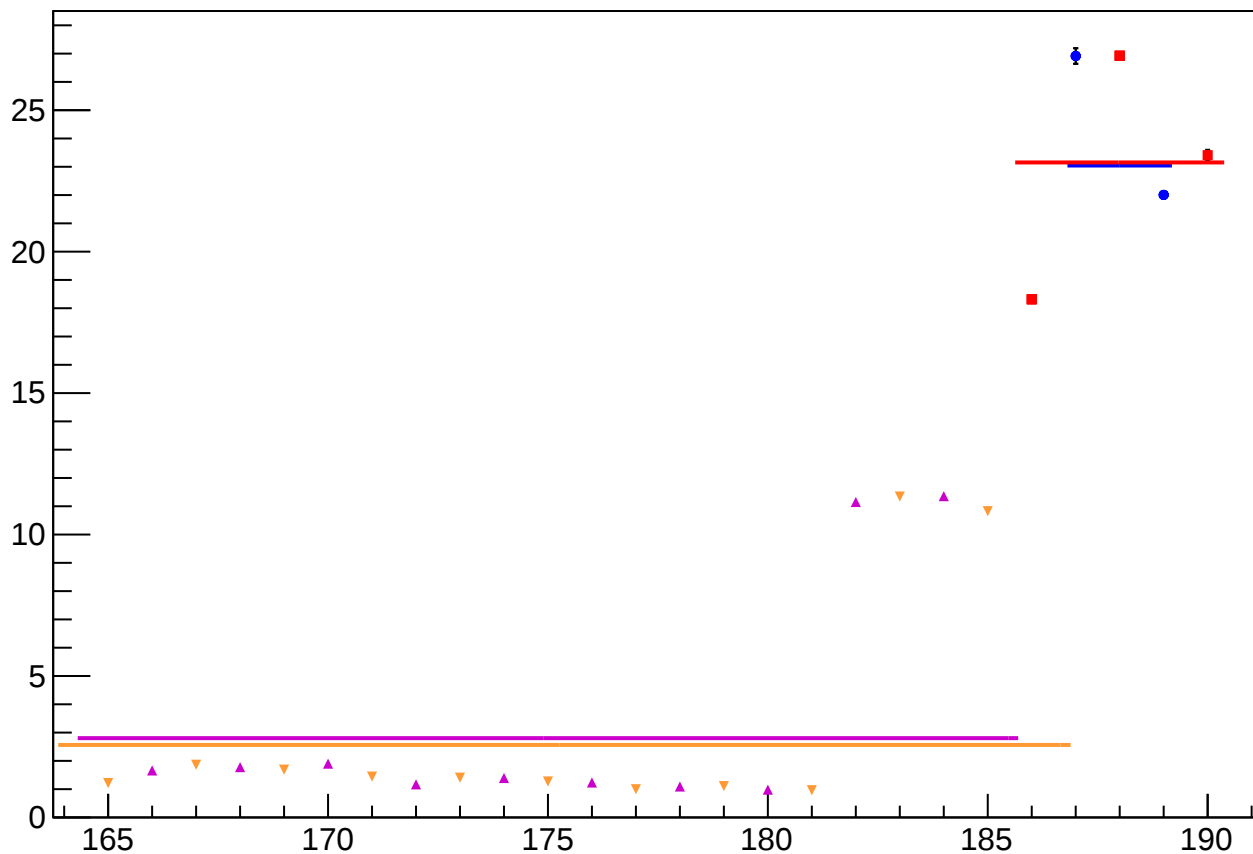
Right: -3.796 ± 1.116 $\chi^2/\text{NDF}: 21.8/8$

In: 3.426 ± 0.490 $\chi^2/\text{NDF}: 37.7/13$

Out: 2.856 ± 0.457 $\chi^2/\text{NDF}: 127.0/15$

All: 3.121 ± 0.334 $\chi^2/\text{NDF}: 165.4/29$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 2.680 $\pm$ 0.016 χ^2/NDF : 47285.3/20

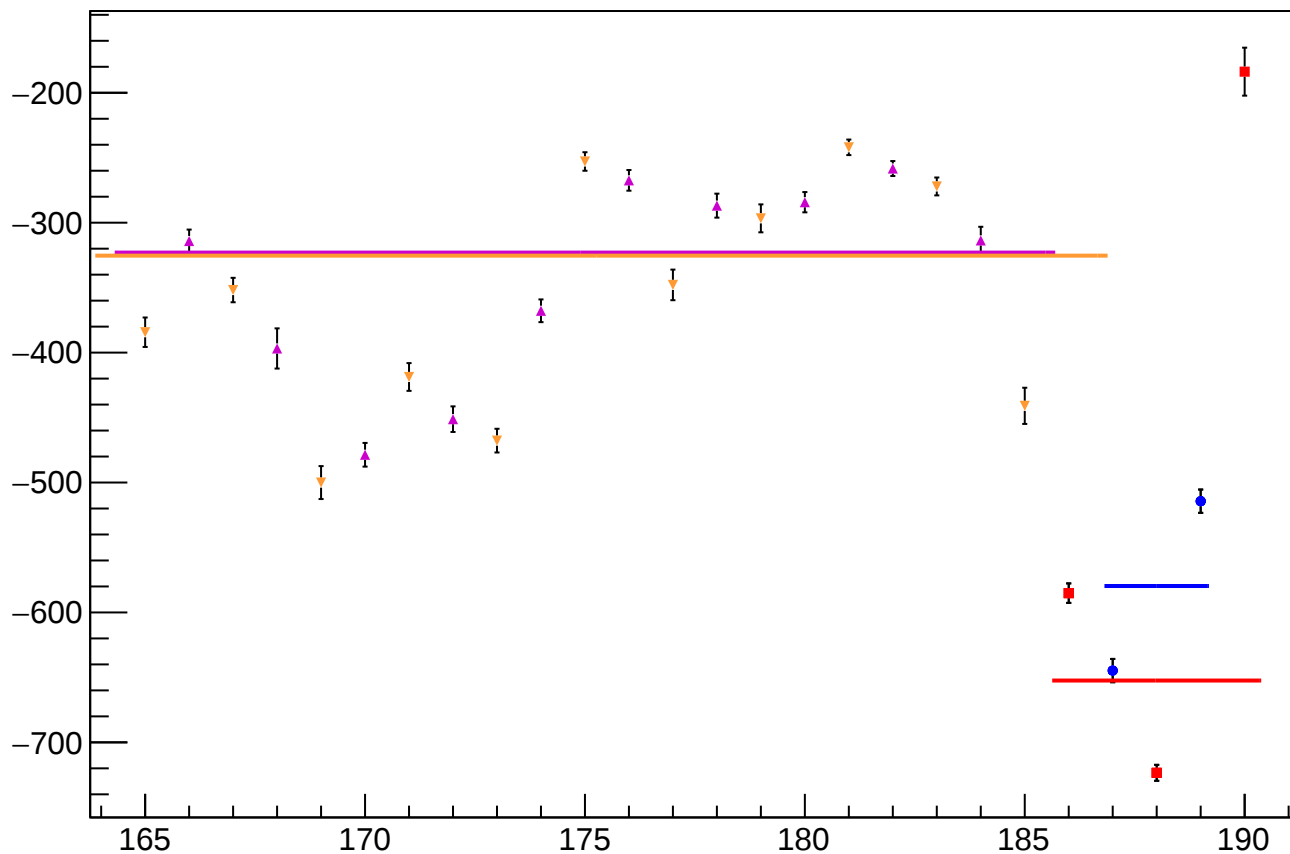
Right: 23.109 $\pm$ 0.057 χ^2/NDF : 3280.0/8

In: 3.986 $\pm$ 0.022 χ^2/NDF :72678.3/13

Out: 4.161 $\pm$ 0.021 χ^2/NDF :95907.9/15

All: 4.077 $\pm$ 0.015 χ^2/NDF : 168620.1/29

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -579.652+/-4.486 χ^2/NDF : 211.2/3

Left Out: -325.360+/-2.713 χ^2/NDF : 982.0/10

Right Out: -652.410+/-3.305 χ^2/NDF : 1072.9/4

Left In: -323.003+/-2.715 χ^2/NDF : 726.6/9

Left: -324.182+/-1.919 χ^2/NDF : 1708.9/20

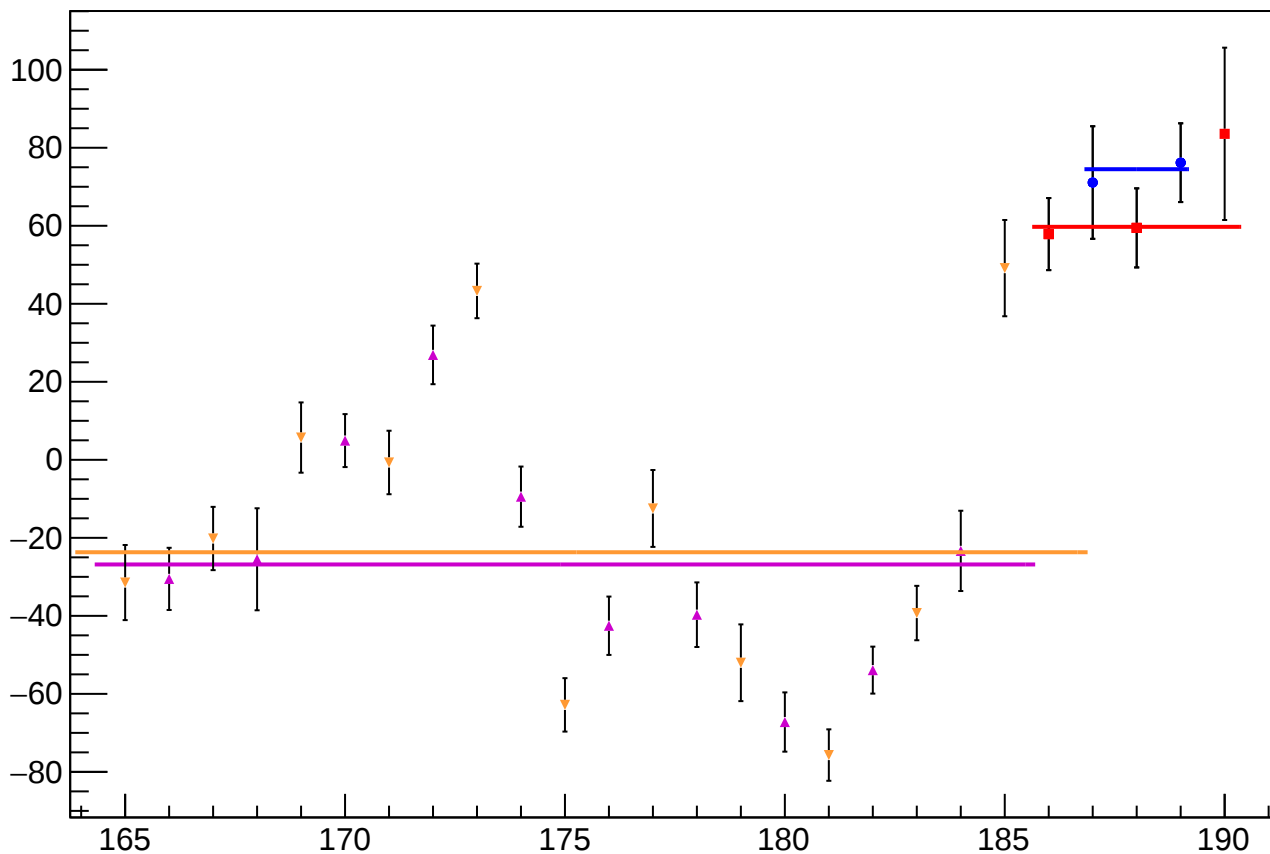
Right: -626.813+/-2.661 χ^2/NDF : 1454.7/8

In: -391.818+/-2.323 χ^2/NDF : 3333.7/13

Out: -457.036+/-2.097 χ^2/NDF : 7906.0/15

All: -427.751+/-1.556 χ^2/NDF : 11674.1/29

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



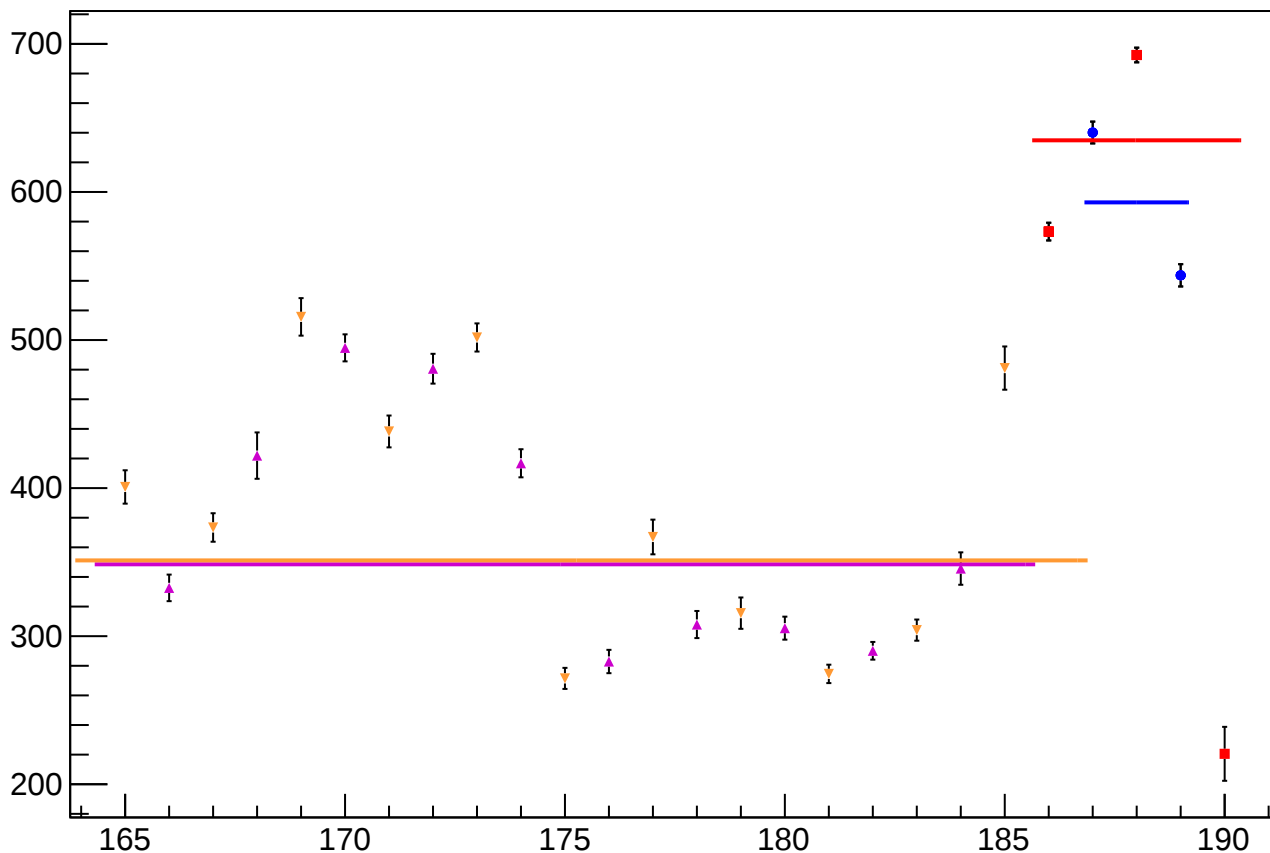
Right In: 74.500 $\pm$ 5.850 χ^2 /NDF: 0.2/3
 Left Out: -23.692 $\pm$ 2.455 χ^2 /NDF:255.5/10
 Right Out: 59.728 $\pm$ 4.717 χ^2 /NDF: 1.2/4
 Left In: -26.826 $\pm$ 2.465 χ^2 /NDF:133.8/9

Left: -25.253 $\pm$ 1.739 χ^2 /NDF: 390.1/20
 Right: 65.548 $\pm$ 3.672 χ^2 /NDF: 5.3/8

In: -11.551 $\pm$ 2.271 χ^2 /NDF:388.7/13
 Out: -5.913 $\pm$ 2.178 χ^2 /NDF:502.8/15

All: -8.613 $\pm$ 1.572 χ^2 /NDF: 894.8/29

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 349.854 $\pm$ 1.957 χ^2/NDF : 1644.2/20

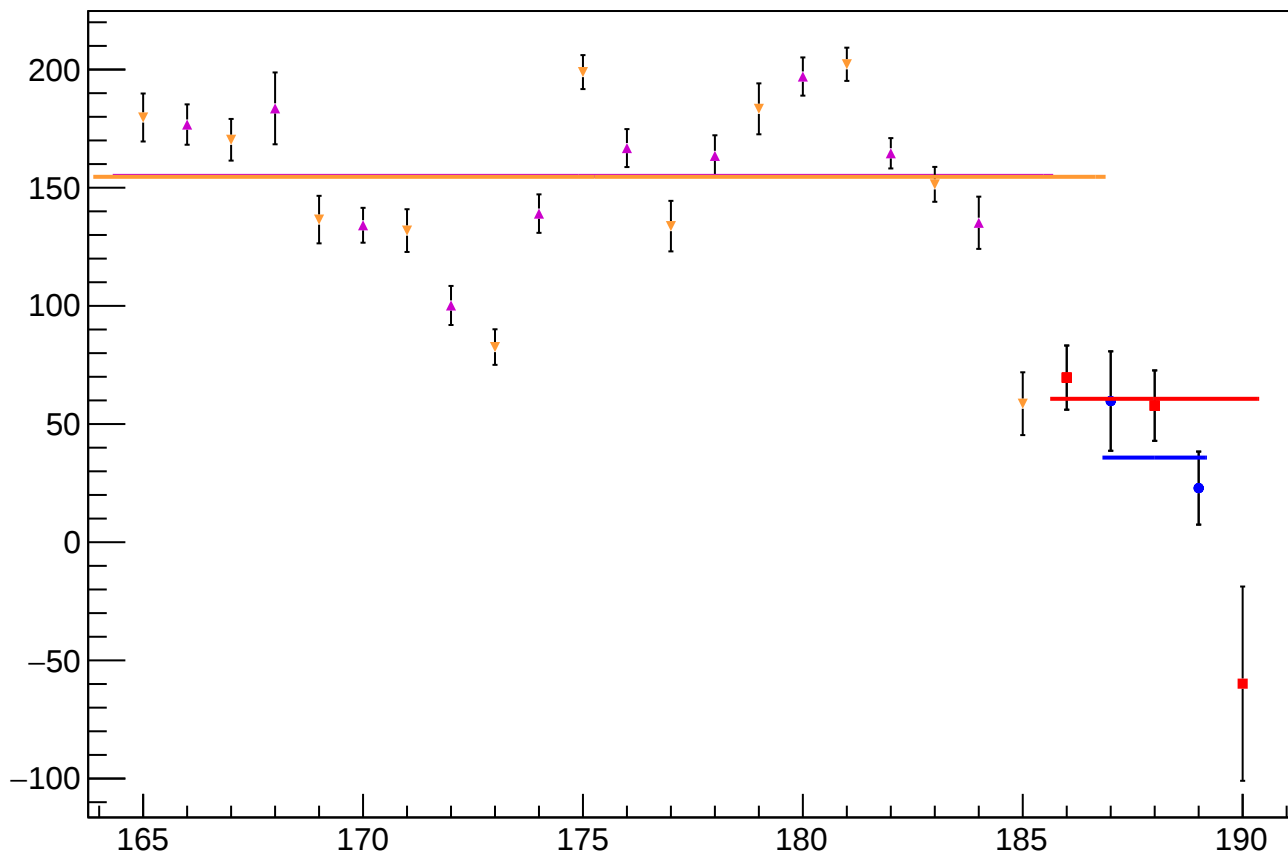
Right: 620.650 $\pm$ 2.169 χ^2/NDF : 1252.0/8

In: 435.634 $\pm$ 2.221 χ^2/NDF : 3665.9/13

Out: 498.110 $\pm$ 1.920 χ^2/NDF : 7372.7/15

All: 471.389 $\pm$ 1.453 χ^2/NDF : 11491.2/29

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 154.809 $\pm$ 1.870 χ^2 /NDF: 359.1/20

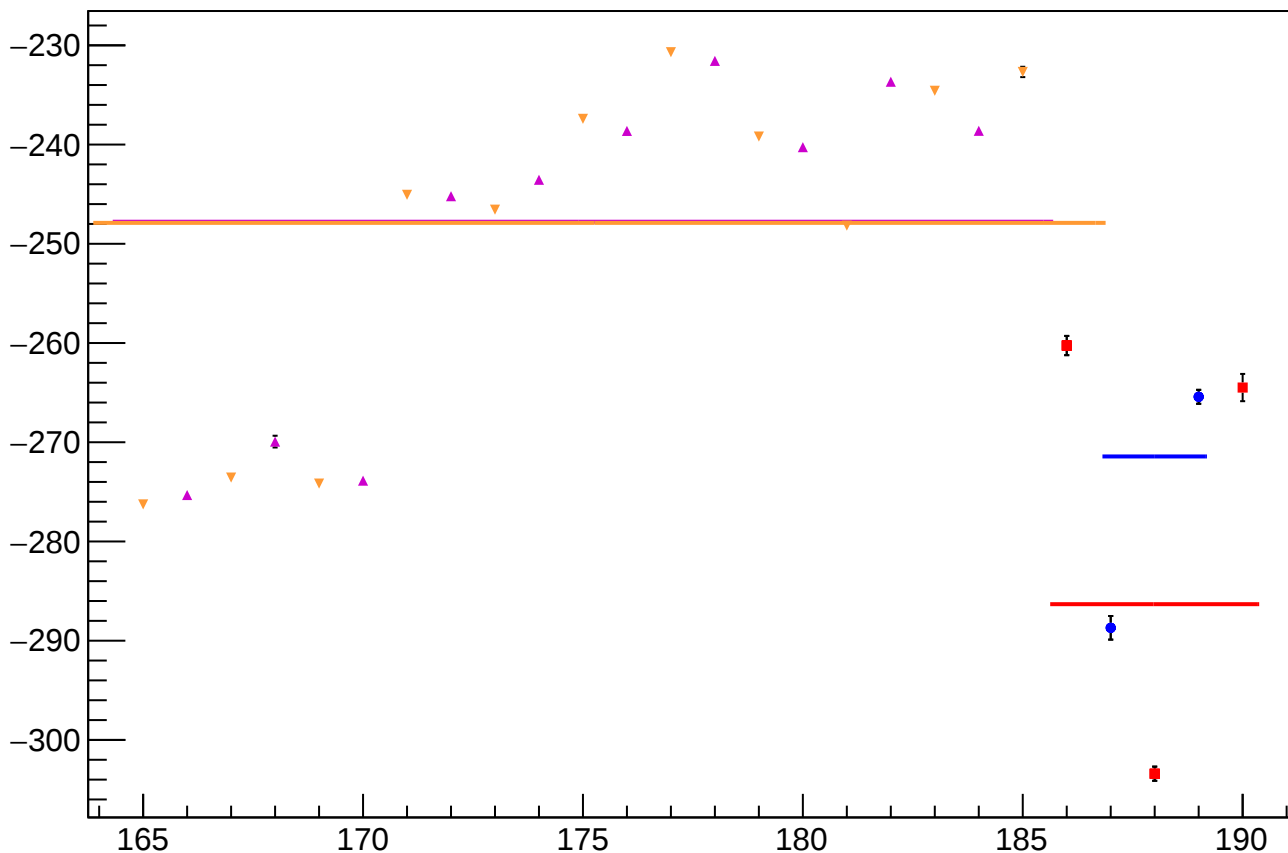
Right: 51.063 $\pm$ 5.477 χ^2 /NDF: 18.4/8

In: 145.123 $\pm$ 2.536 χ^2 /NDF:273.4/13

Out: 142.880 $\pm$ 2.471 χ^2 /NDF:425.1/15

All: 143.972 $\pm$ 1.770 χ^2 /NDF: 698.8/29

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: -247.834+/-0.084 χ^2/NDF : 33860.6/20

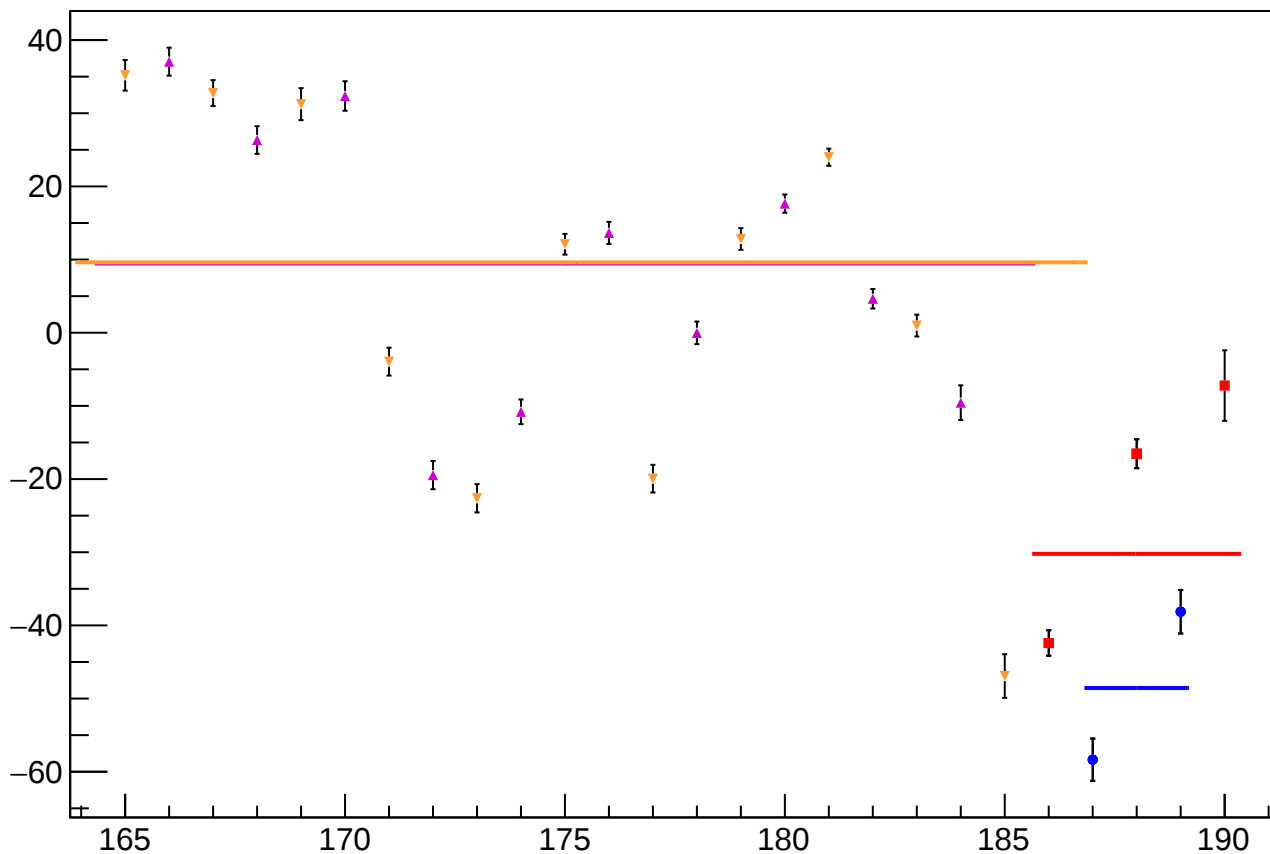
Right: -279.560+/-0.288 χ^2/NDF : 4069.2/8

In: -249.486+/-0.115 χ^2/NDF :20996.9/13

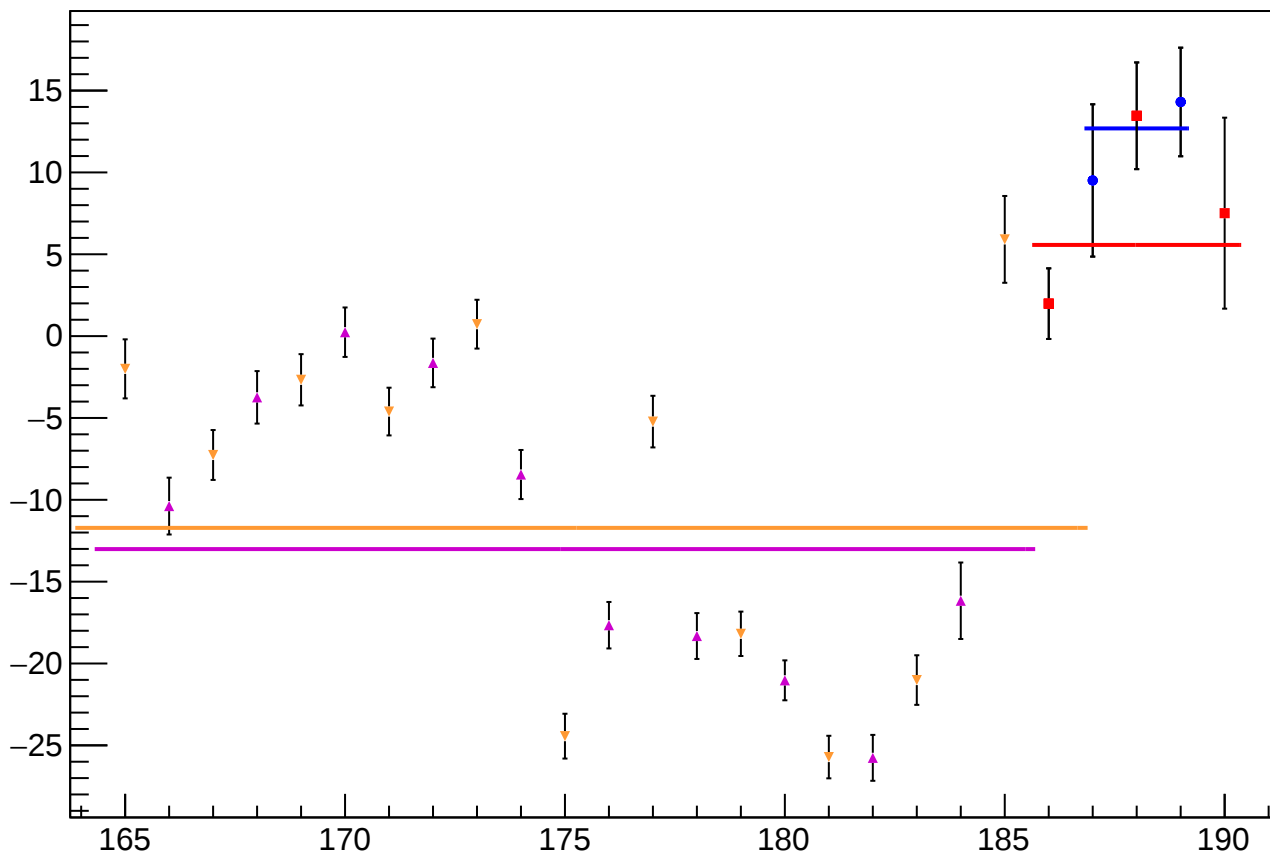
Out: -251.168+/-0.114 χ^2/NDF :27989.1/15

All: -250.335+/-0.081 χ^2/NDF : 49094.0/29

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



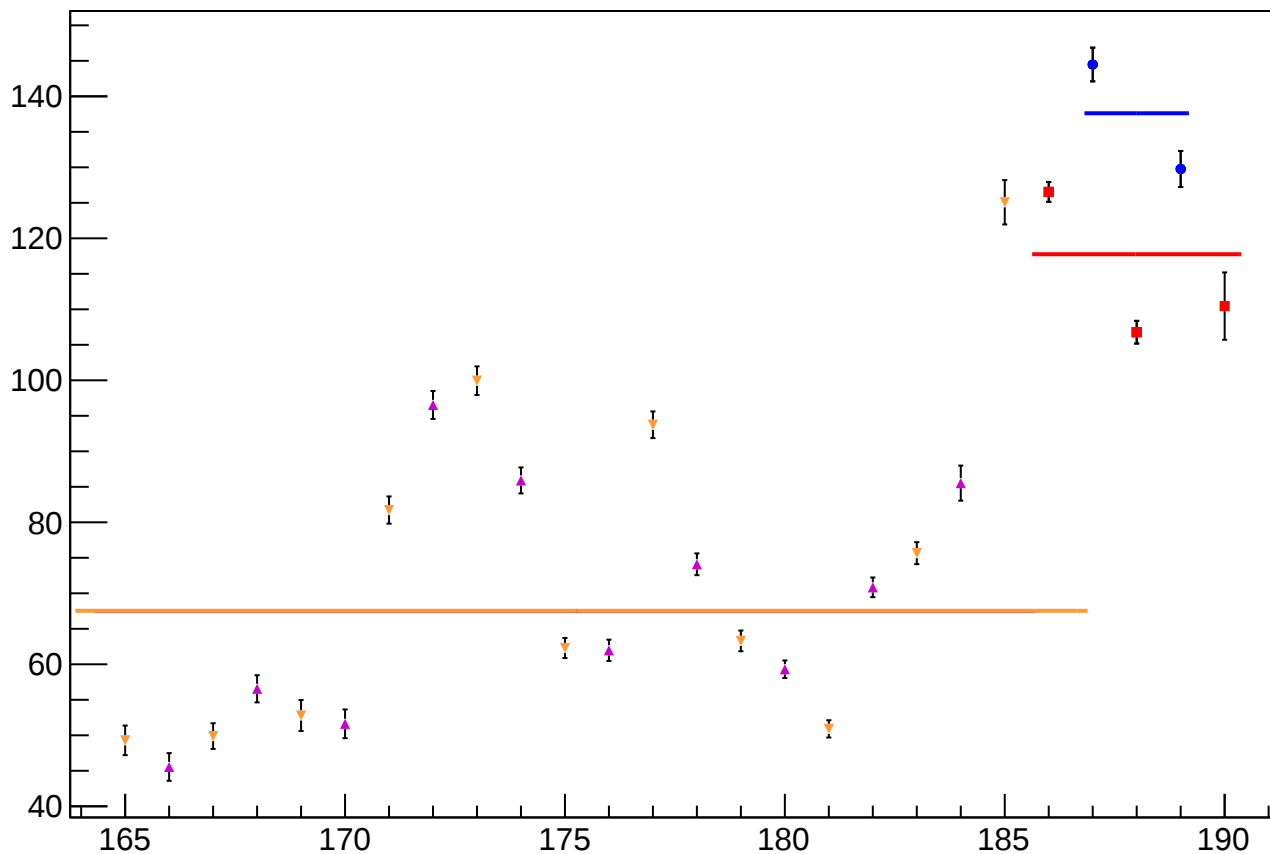
Right In: 12.688 $\pm$ 1.910 χ^2/NDF : 1.4/3
 Left Out: -11.715 $\pm$ 0.461 χ^2/NDF : 488.2/10
 Right Out: 5.571 $\pm$ 1.243 χ^2/NDF : 17.4/4
 Left In: -13.011 $\pm$ 0.475 χ^2/NDF : 333.3/9

Left: -12.342 $\pm$ 0.331 χ^2/NDF : 825.4/20
 Right: 7.688 $\pm$ 1.042 χ^2/NDF : 28.5/8

In: -11.512 $\pm$ 0.461 χ^2/NDF : 505.3/13
 Out: -9.628 $\pm$ 0.432 χ^2/NDF : 675.7/15

All: -10.508 $\pm$ 0.315 χ^2/NDF : 1189.8/29

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 67.522 $\pm$ 0.371 χ^2 /NDF: 1973.9/20

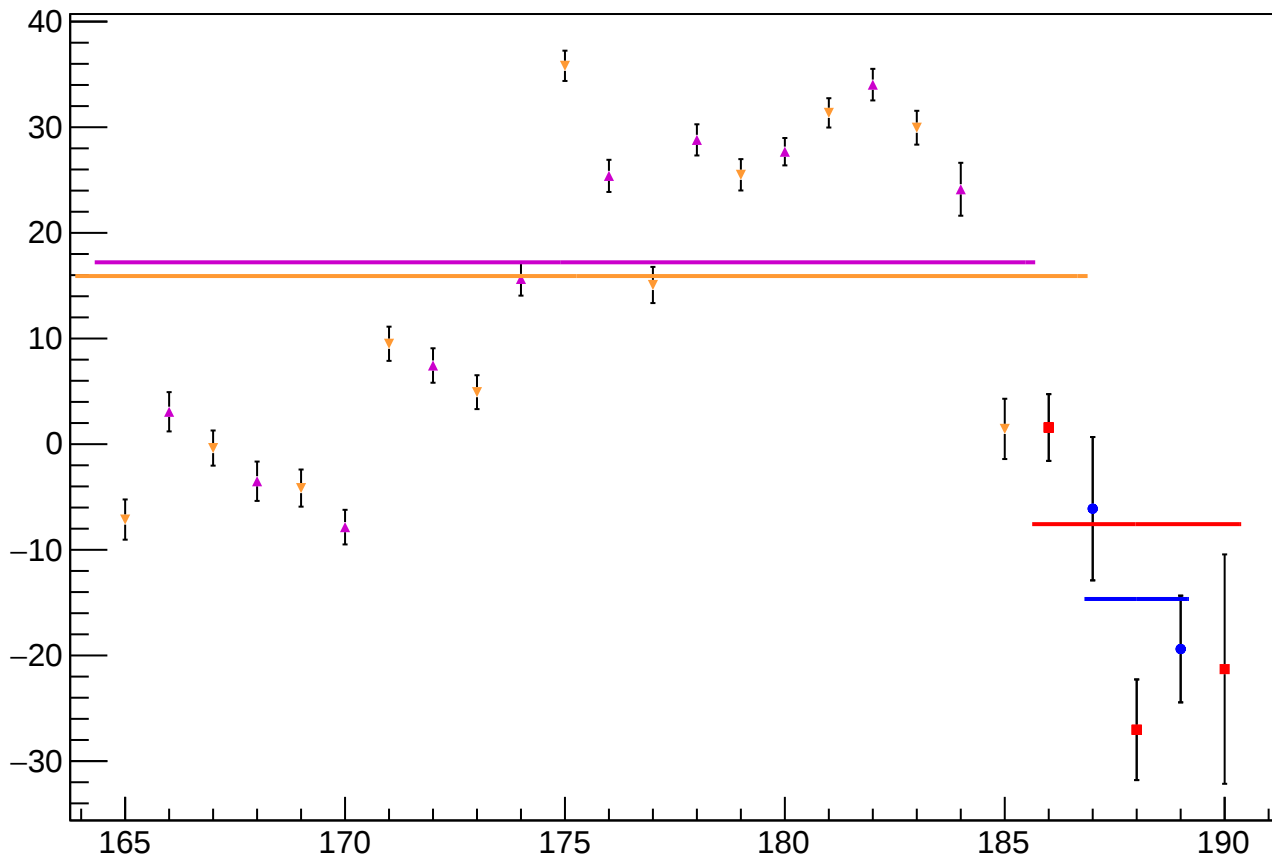
Right: 123.016 $\pm$ 0.631 χ^2 /NDF: 404.6/8

In: 78.586 $\pm$ 0.487 χ^2 /NDF:3465.4/13

Out: 84.259 $\pm$ 0.424 χ^2 /NDF:4586.7/15

All: 81.813 $\pm$ 0.320 χ^2 /NDF: 8129.2/29

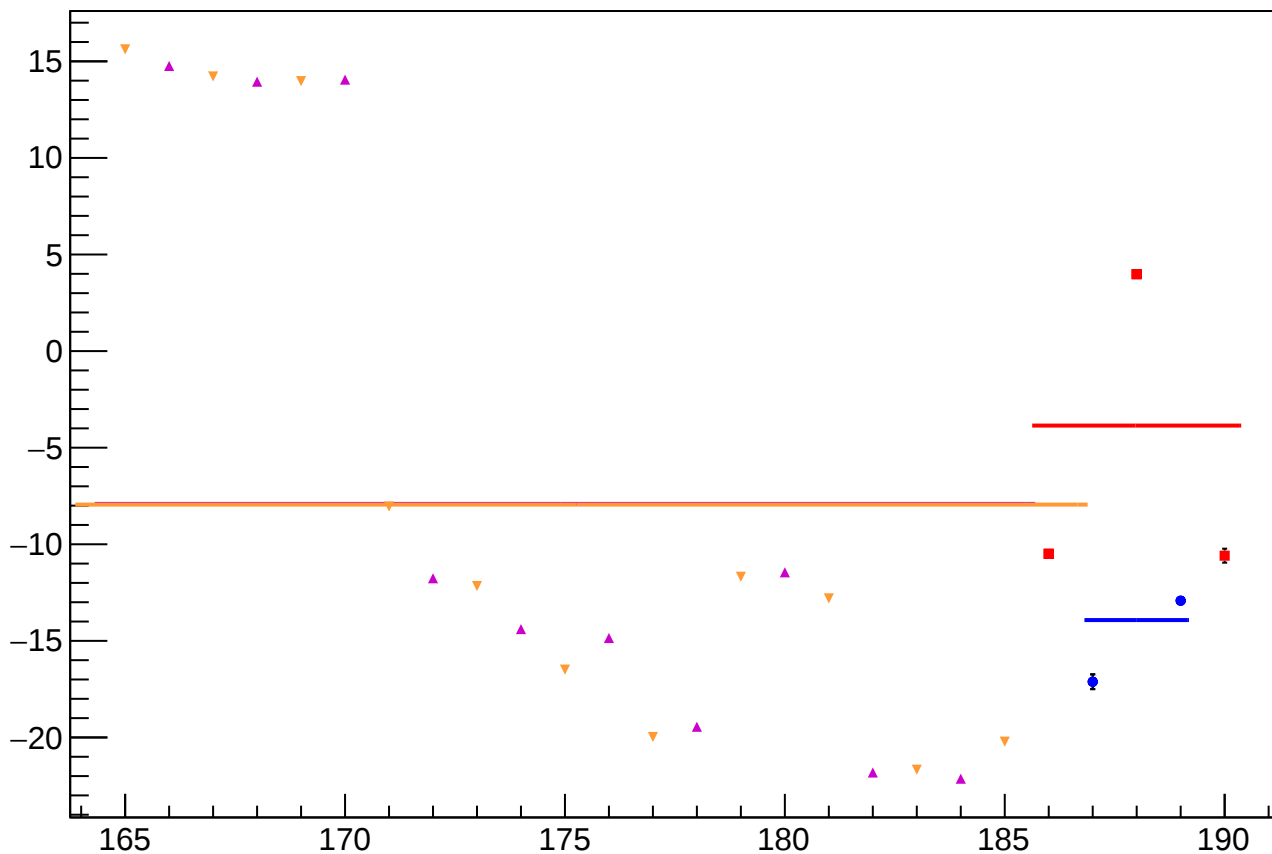
reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 742.9/9$

Left: 16.545 ± 0.357 $\chi^2/\text{NDF}: 1642.7/20$
 Right: -9.631 ± 1.545 $\chi^2/\text{NDF}: 61.0/8$
 In: 16.229 ± 0.504 $\chi^2/\text{NDF}: 867.7/13$
 Out: 14.307 ± 0.480 $\chi^2/\text{NDF}: 1100.8/15$
 All: 15.221 ± 0.347 $\chi^2/\text{NDF}: 1976.2/29$

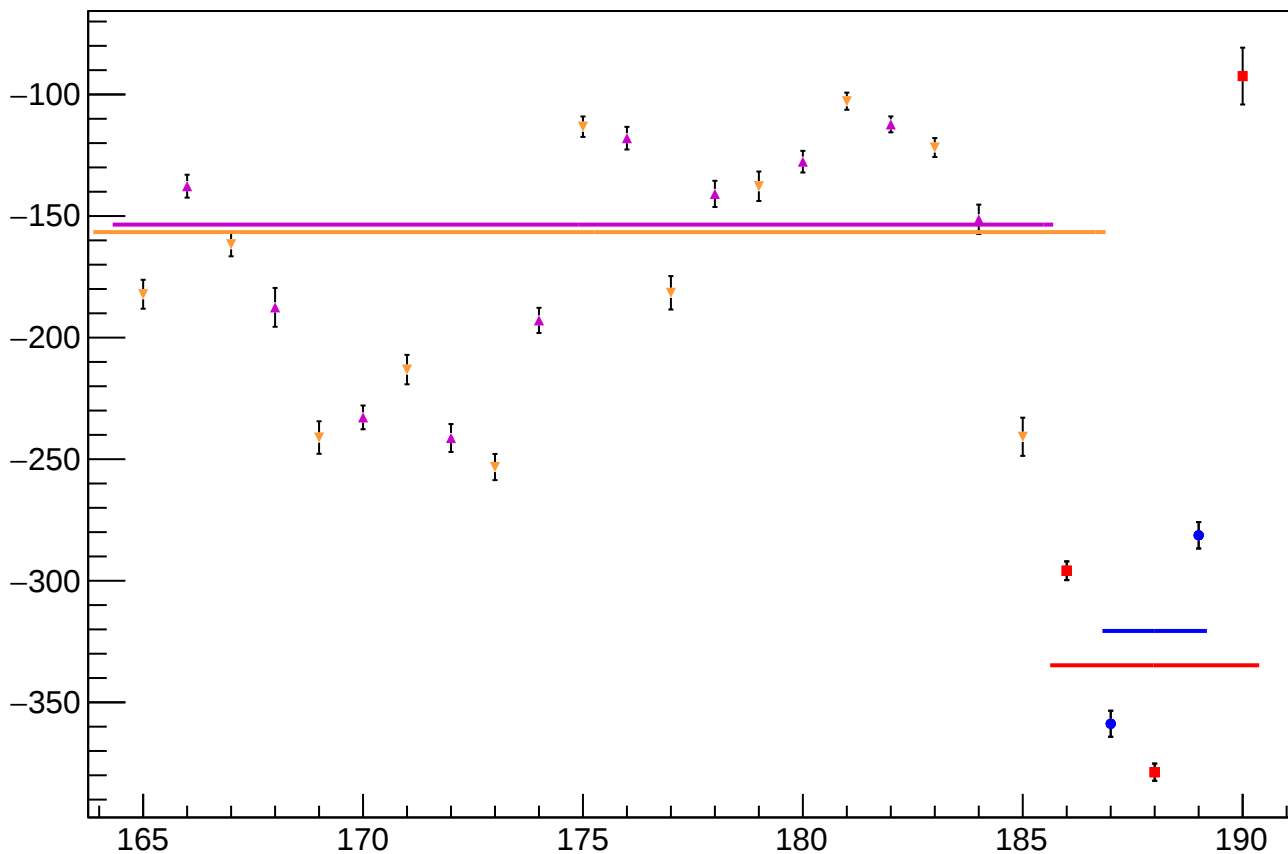
reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.924 ± 0.132 $\chi^2/\text{NDF}: 182.5/3$
 Left Out: -7.946 ± 0.022 $\chi^2/\text{NDF}: 344373.6/10$
 Right Out: -3.855 ± 0.107 $\chi^2/\text{NDF}: 4584.8/4$
 Left In: -7.911 ± 0.023 $\chi^2/\text{NDF}: 360453.1/9$

Left: -7.928 ± 0.016 $\chi^2/\text{NDF}: 704828.0/20$
 Right: -7.815 ± 0.083 $\chi^2/\text{NDF}: 8272.4/8$
 In: -8.083 ± 0.022 $\chi^2/\text{NDF}: 362637.3/13$
 Out: -7.776 ± 0.022 $\chi^2/\text{NDF}: 350368.1/15$
 All: -7.924 ± 0.016 $\chi^2/\text{NDF}: 713102.1/29$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -155.054 ± 1.090 $\chi^2/\text{NDF}: 1987.9/20$

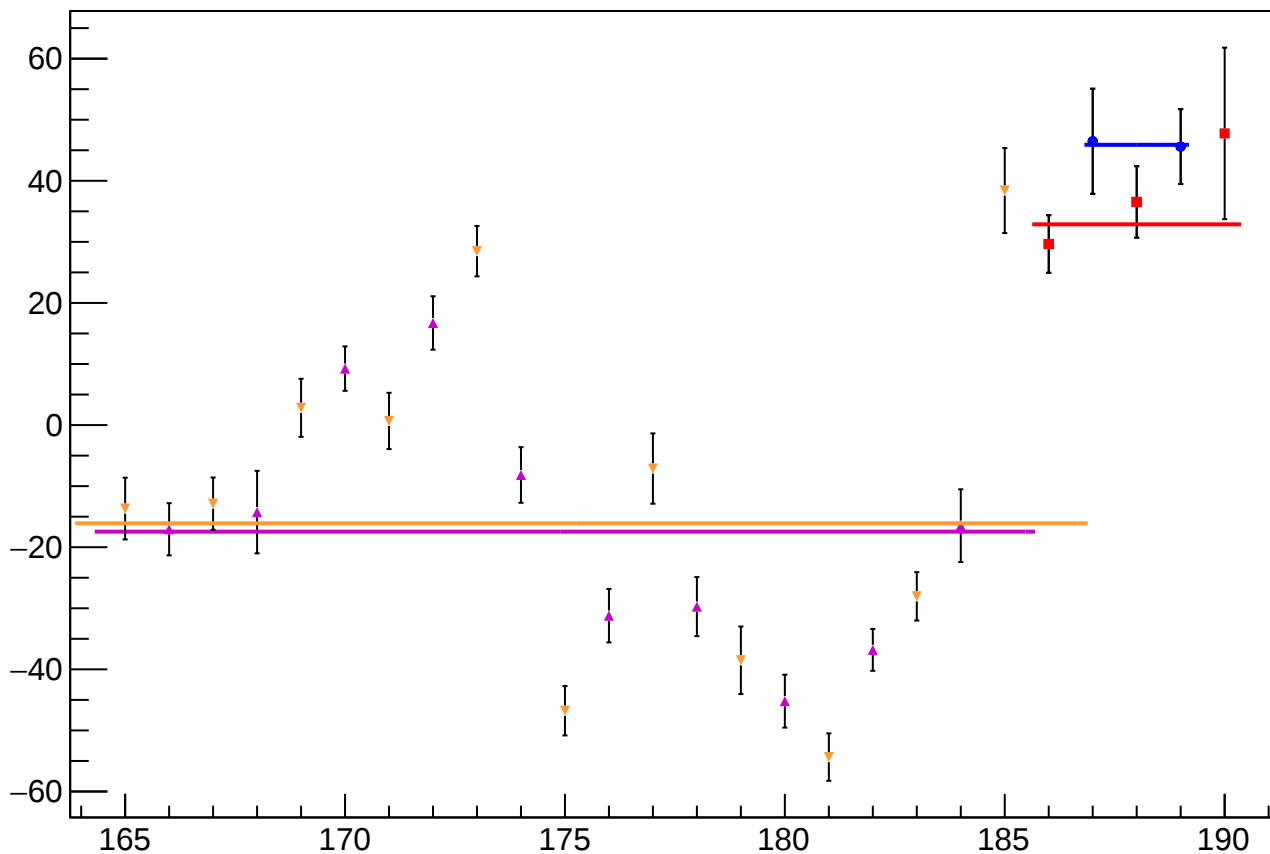
Right: -330.335 ± 1.510 $\chi^2/\text{NDF}: 1166.3/8$

In: -194.558 ± 1.337 $\chi^2/\text{NDF}: 3941.1/13$

Out: -230.980 ± 1.177 $\chi^2/\text{NDF}: 7655.6/15$

All: -215.075 ± 0.884 $\chi^2/\text{NDF}: 12014.7/29$

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 45.895 $\pm$ 3.531 χ^2 /NDF: 0.0/3

Left Out: -16.084 $\pm$ 1.389 χ^2 /NDF:390.4/10

Right Out: 32.872 $\pm$ 2.552 χ^2 /NDF: 2.8/4

Left In: -17.452 $\pm$ 1.395 χ^2 /NDF:208.5/9

Left: -16.765 $\pm$ 0.984 χ^2 /NDF: 599.5/20

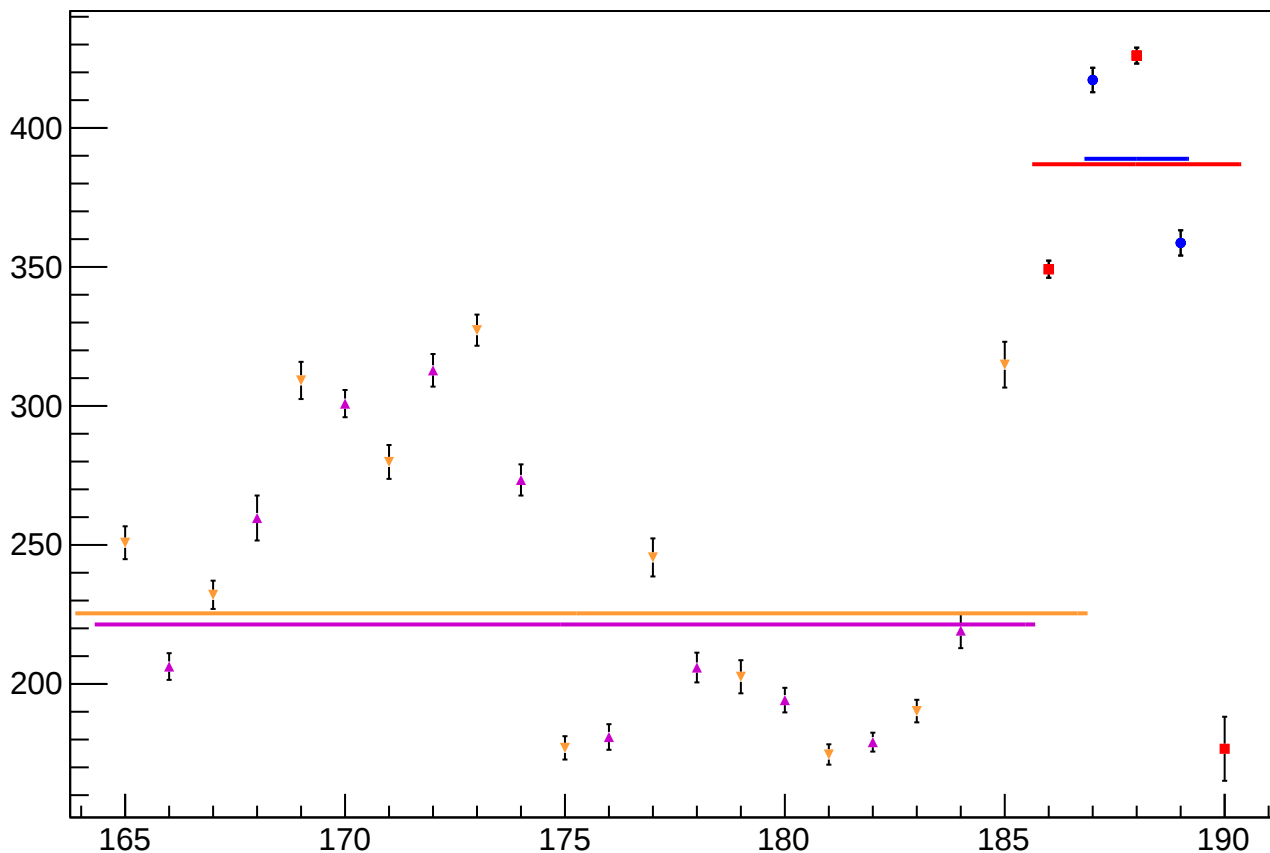
Right: 37.338 $\pm$ 2.068 χ^2 /NDF: 11.8/8

In: -8.906 $\pm$ 1.297 χ^2 /NDF:486.9/13

Out: -4.893 $\pm$ 1.220 χ^2 /NDF:677.2/15

All: -6.777 $\pm$ 0.889 χ^2 /NDF: 1169.2/29

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 223.397 $\pm$ 1.111 χ^2/NDF : 2035.1/20

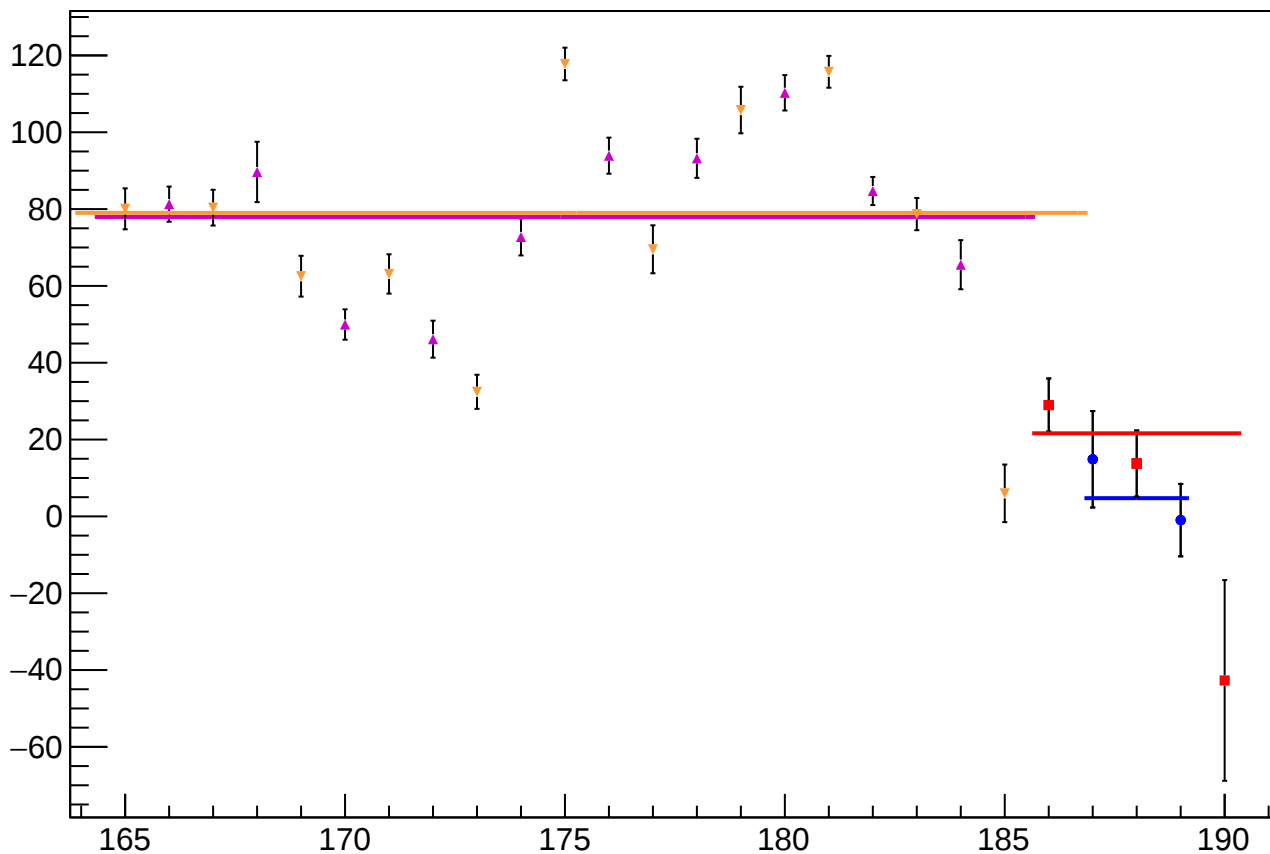
Right: 387.532 $\pm$ 1.227 χ^2/NDF : 1181.0/8

In: 276.719 $\pm$ 1.284 χ^2/NDF : 4837.8/13

Out: 311.684 $\pm$ 1.073 χ^2/NDF : 7778.9/15

All: 297.312 $\pm$ 0.823 χ^2/NDF : 13053.3/29

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.742 ± 5.332 $\chi^2/\text{NDF}: 2.0/3$

Left Out: 79.023 ± 1.496 $\chi^2/\text{NDF}: 408.1/10$

Right Out: 21.627 ± 3.775 $\chi^2/\text{NDF}: 10.0/4$

Left In: 77.939 ± 1.500 $\chi^2/\text{NDF}: 174.7/9$

Left: 78.482 ± 1.059 $\chi^2/\text{NDF}: 583.0/20$

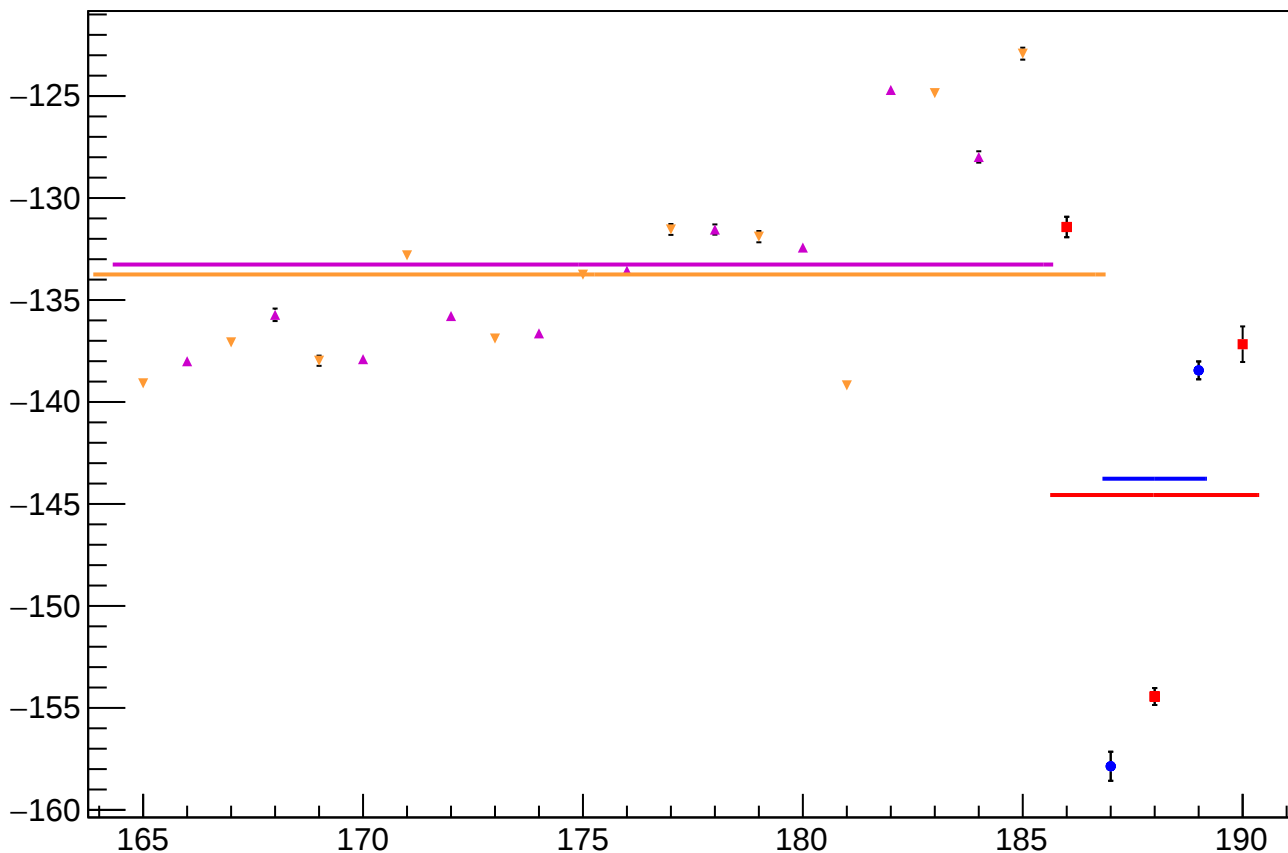
Right: 15.988 ± 3.081 $\chi^2/\text{NDF}: 18.7/8$

In: 72.572 ± 1.444 $\chi^2/\text{NDF}: 351.4/13$

Out: 71.235 ± 1.391 $\chi^2/\text{NDF}: 617.8/15$

All: 71.879 ± 1.002 $\chi^2/\text{NDF}: 969.7/29$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -143.762 $\pm$ 0.264 χ^2 /NDF: 1078.2/3

Left Out: -133.747 $\pm$ 0.067 χ^2 /NDF: 5842.6/10

Right Out: -144.561 $\pm$ 0.219 χ^2 /NDF: 2580.6/4

Left In: -133.261 $\pm$ 0.068 χ^2 /NDF: 4712.4/9

Left: -133.504 $\pm$ 0.048 χ^2 /NDF: 10581.1/20

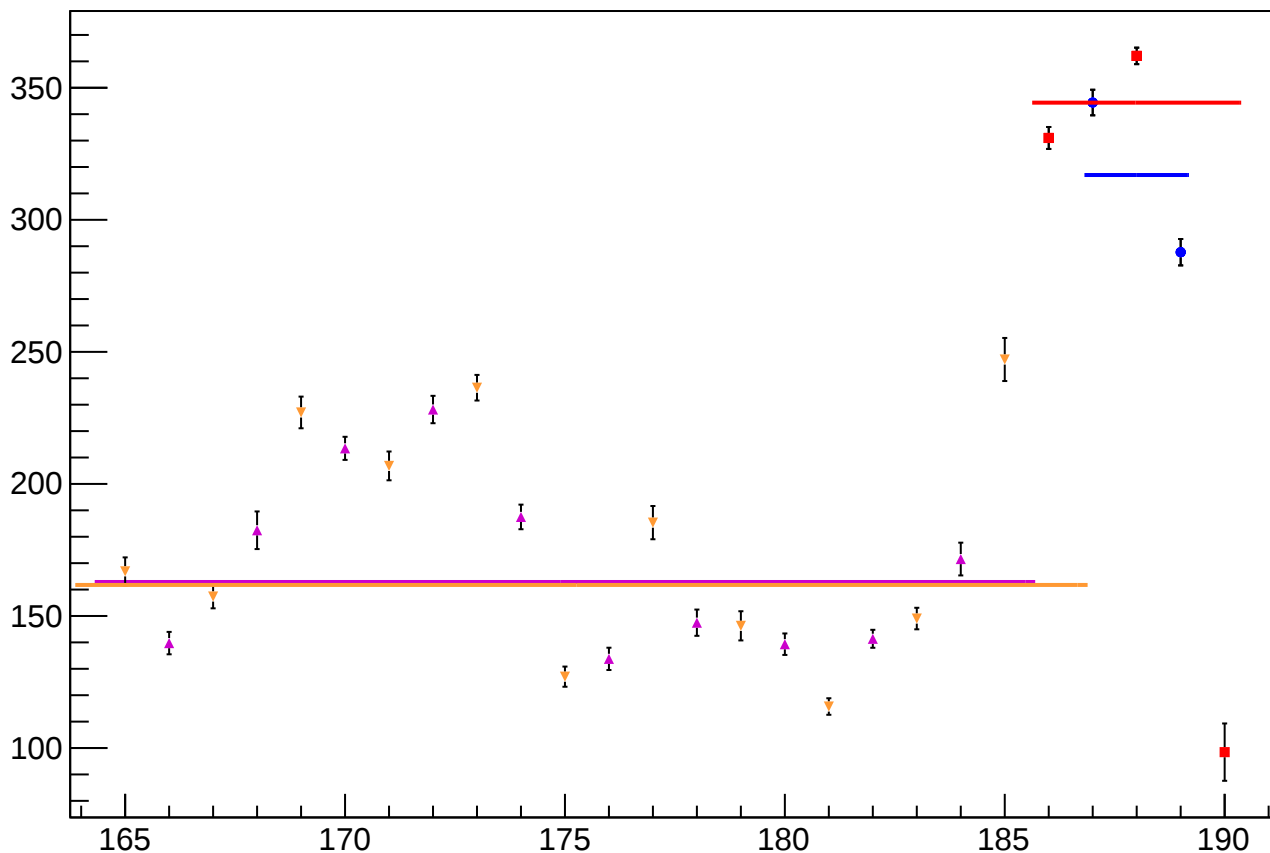
Right: -144.235 $\pm$ 0.168 χ^2 /NDF: 3664.3/8

In: -133.907 $\pm$ 0.065 χ^2 /NDF: 7280.6/13

Out: -134.684 $\pm$ 0.064 χ^2 /NDF: 10653.5/15

All: -134.302 $\pm$ 0.046 χ^2 /NDF: 18005.6/29

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 316.967 ± 2.458 χ^2/NDF : 132.8/3

Left Out: 161.753 ± 1.423 χ^2/NDF : 866.2/10

Right Out: 344.365 ± 1.742 χ^2/NDF : 598.3/4

Left In: 162.869 ± 1.443 χ^2/NDF : 490.6/9

Left: 162.303 ± 1.013 χ^2/NDF : 1357.1/20

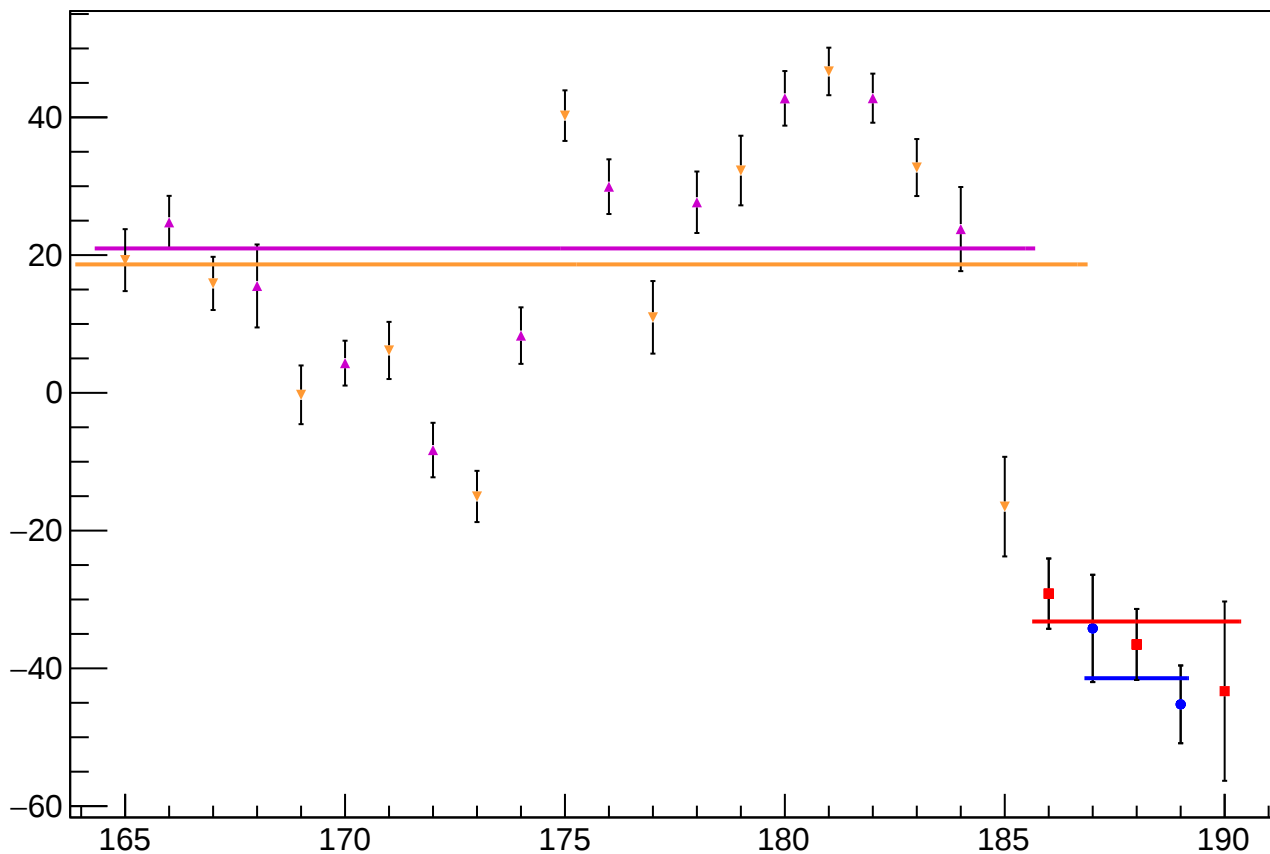
Right: 335.208 ± 1.421 χ^2/NDF : 813.8/8

In: 202.364 ± 1.244 χ^2/NDF : 3546.5/13

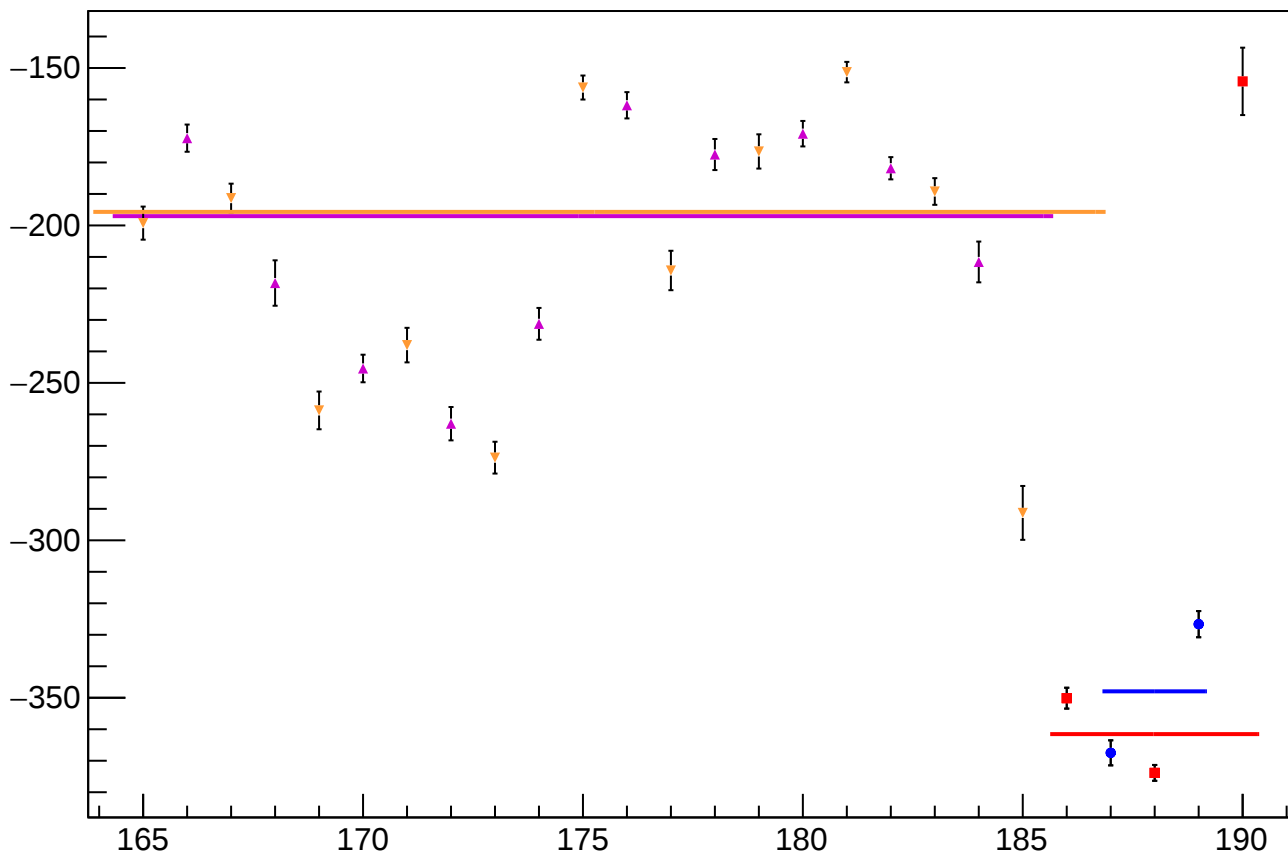
Out: 234.885 ± 1.102 χ^2/NDF : 8056.2/15

All: 220.589 ± 0.825 χ^2/NDF : 11985.5/29

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



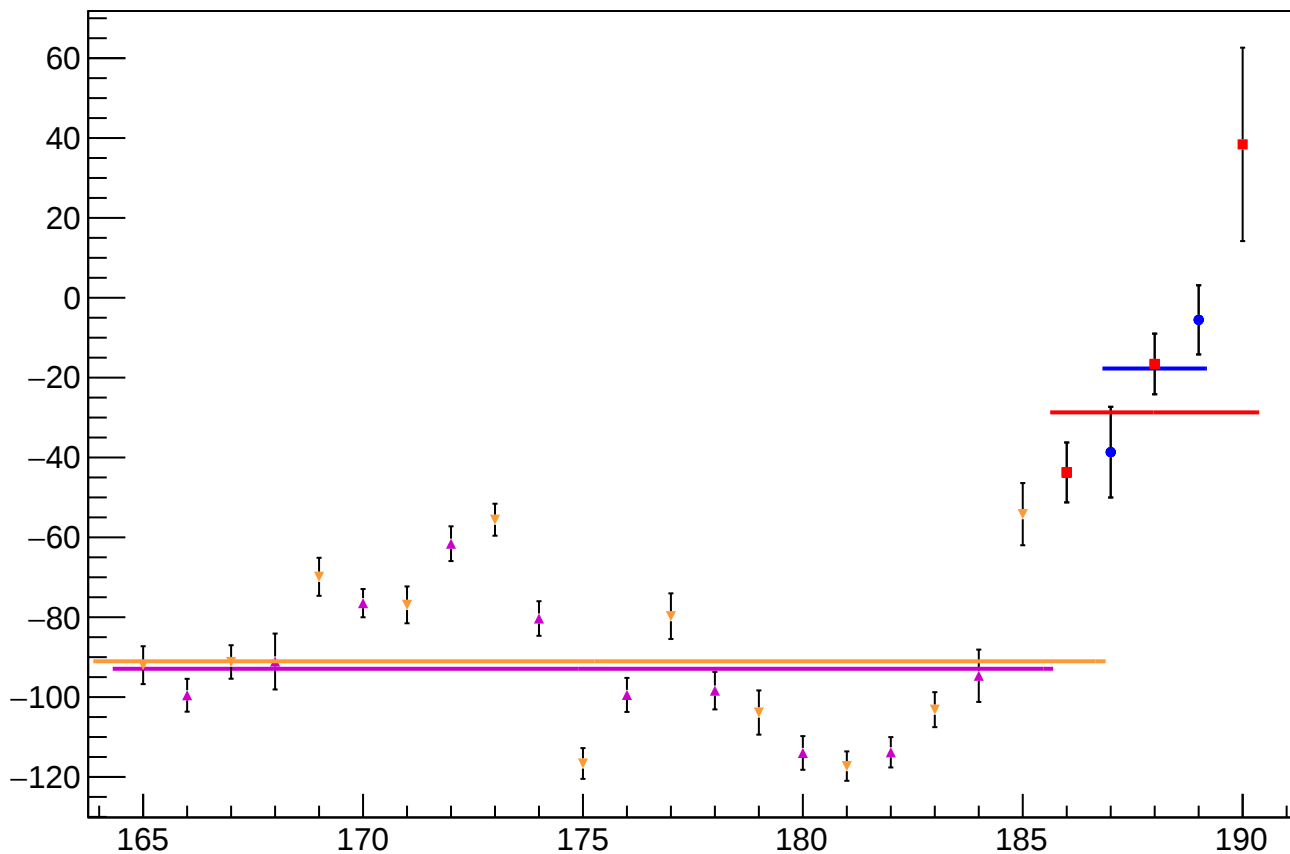
Right In: -347.963 ± 2.031 $\chi^2/\text{NDF}: 101.0/3$
 Left Out: -195.694 ± 1.449 $\chi^2/\text{NDF}: 852.2/10$
 Right Out: -361.542 ± 1.405 $\chi^2/\text{NDF}: 446.7/4$
 Left In: -197.048 ± 1.469 $\chi^2/\text{NDF}: 516.6/9$

Left: -196.362 ± 1.032 $\chi^2/\text{NDF}: 1369.2/20$
 Right: -357.148 ± 1.155 $\chi^2/\text{NDF}: 578.0/8$

In: -248.881 ± 1.190 $\chi^2/\text{NDF}: 4241.5/13$
 Out: -281.197 ± 1.009 $\chi^2/\text{NDF}: 8051.4/15$

All: -267.692 ± 0.770 $\chi^2/\text{NDF}: 12721.8/29$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -91.960 ± 0.979 $\chi^2/\text{NDF}: 386.4/20$

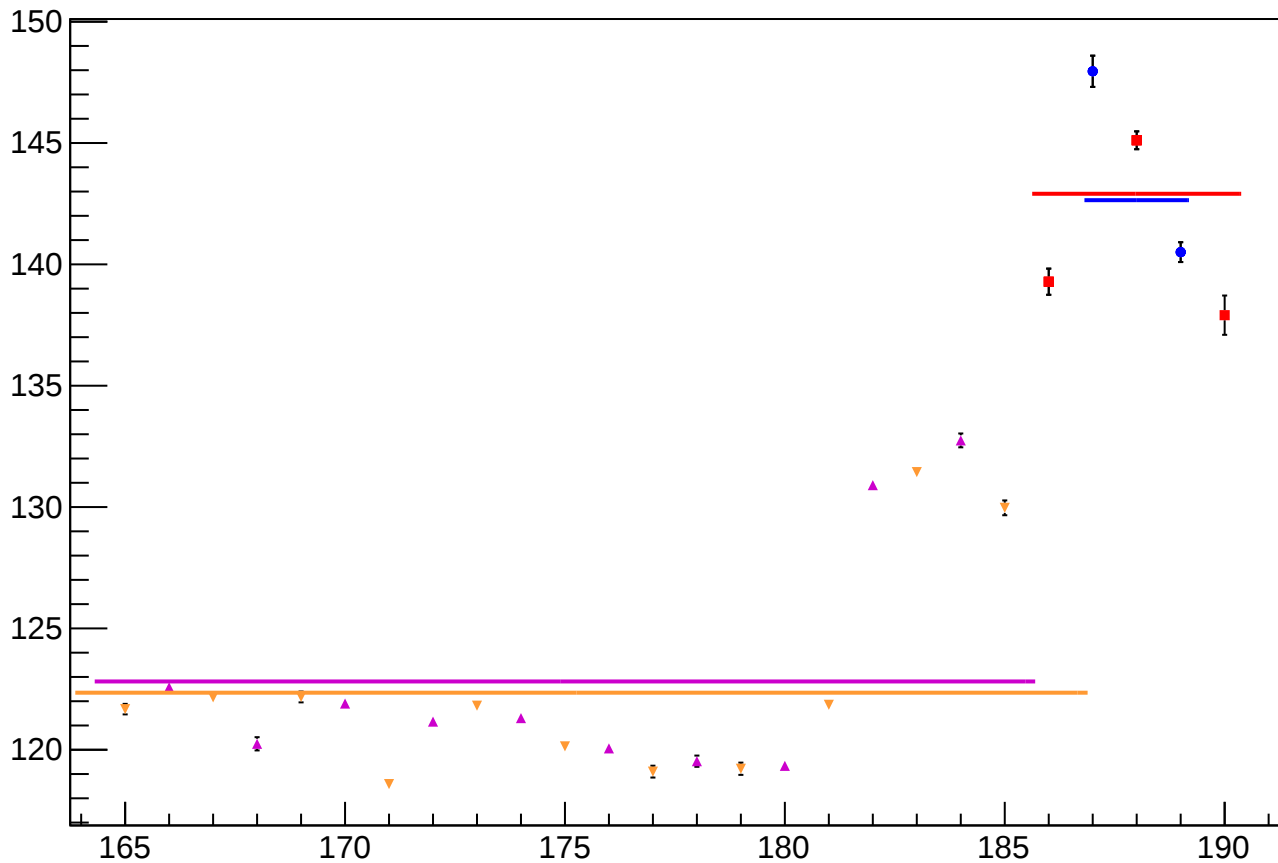
Right: -24.643 ± 2.960 $\chi^2/\text{NDF}: 34.8/8$

In: -87.214 ± 1.340 $\chi^2/\text{NDF}: 374.7/13$

Out: -83.559 ± 1.291 $\chi^2/\text{NDF}: 508.7/15$

All: -85.318 ± 0.930 $\chi^2/\text{NDF}: 887.2/29$

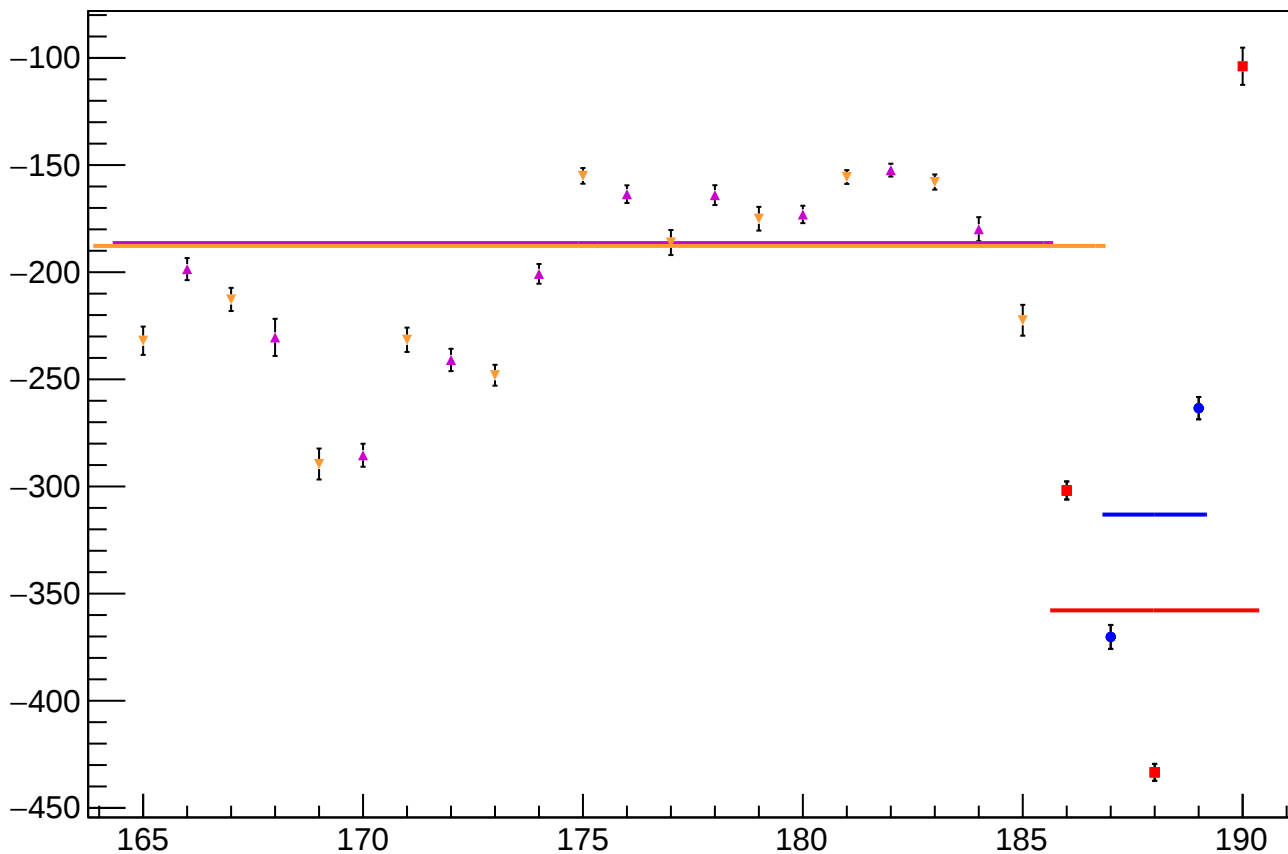
reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 122.581 $\pm$ 0.044 χ^2 /NDF: 8105.3/20
 Right: 142.798 $\pm$ 0.158 χ^2 /NDF: 392.2/8
 In: 124.044 $\pm$ 0.061 χ^2 /NDF:10777.5/13
 Out: 124.039 $\pm$ 0.060 χ^2 /NDF:12887.8/15
 All: 124.042 $\pm$ 0.043 χ^2 /NDF: 23665.3/29

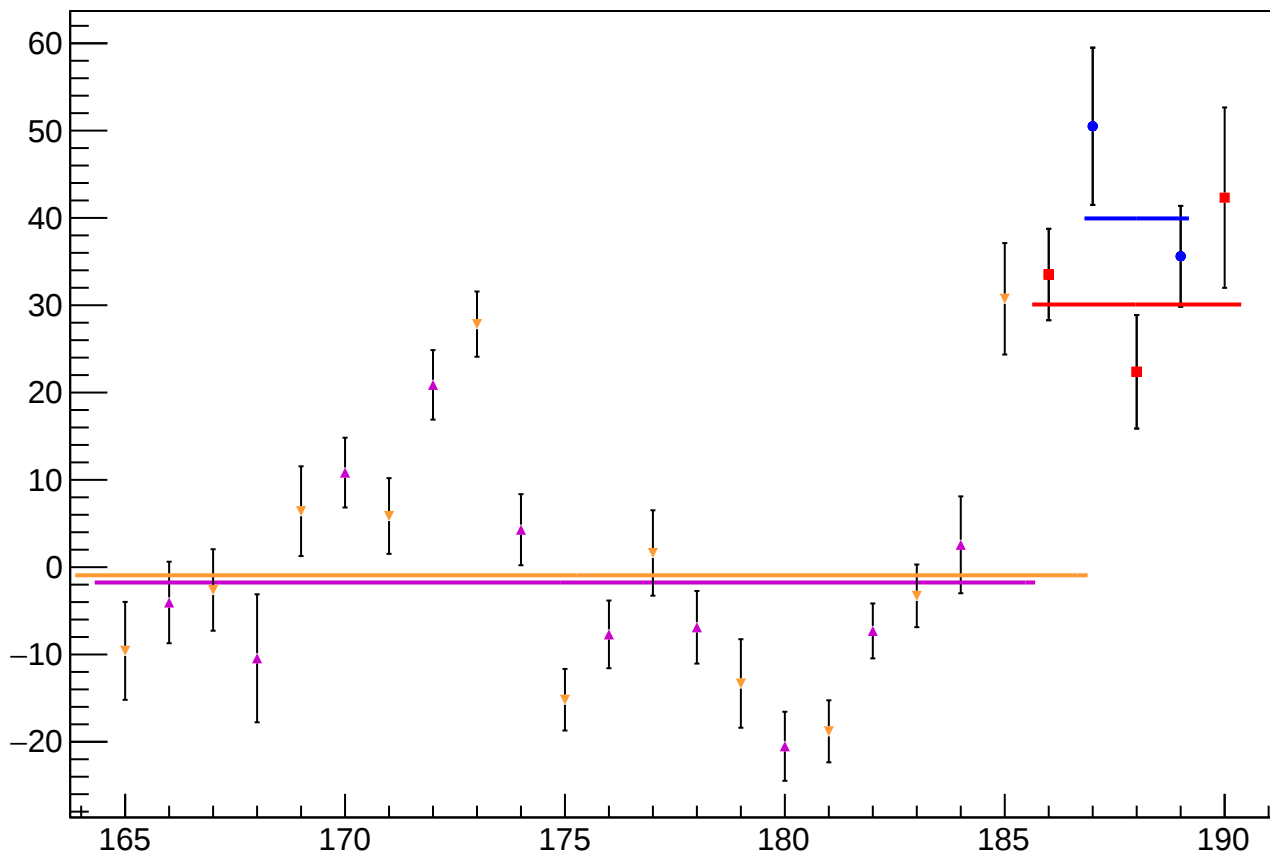
reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 686.0/9$

Left: -187.076 ± 1.021 $\chi^2/\text{NDF}: 1442.6/20$
 Right: -342.116 ± 1.596 $\chi^2/\text{NDF}: 2512.7/8$
 In: -214.760 ± 1.274 $\chi^2/\text{NDF}: 2795.1/13$
 Out: -246.610 ± 1.166 $\chi^2/\text{NDF}: 7517.6/15$
 All: -232.096 ± 0.860 $\chi^2/\text{NDF}: 10652.9/29$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.942 ± 3.434 $\chi^2/\text{NDF}: 3.9/3$

Left Out: -0.928 ± 1.310 $\chi^2/\text{NDF}: 139.2/10$

Right Out: 30.086 ± 2.776 $\chi^2/\text{NDF}: 5.1/4$

Left In: -1.755 ± 1.321 $\chi^2/\text{NDF}: 76.2/9$

Left: -1.338 ± 0.930 $\chi^2/\text{NDF}: 215.6/20$

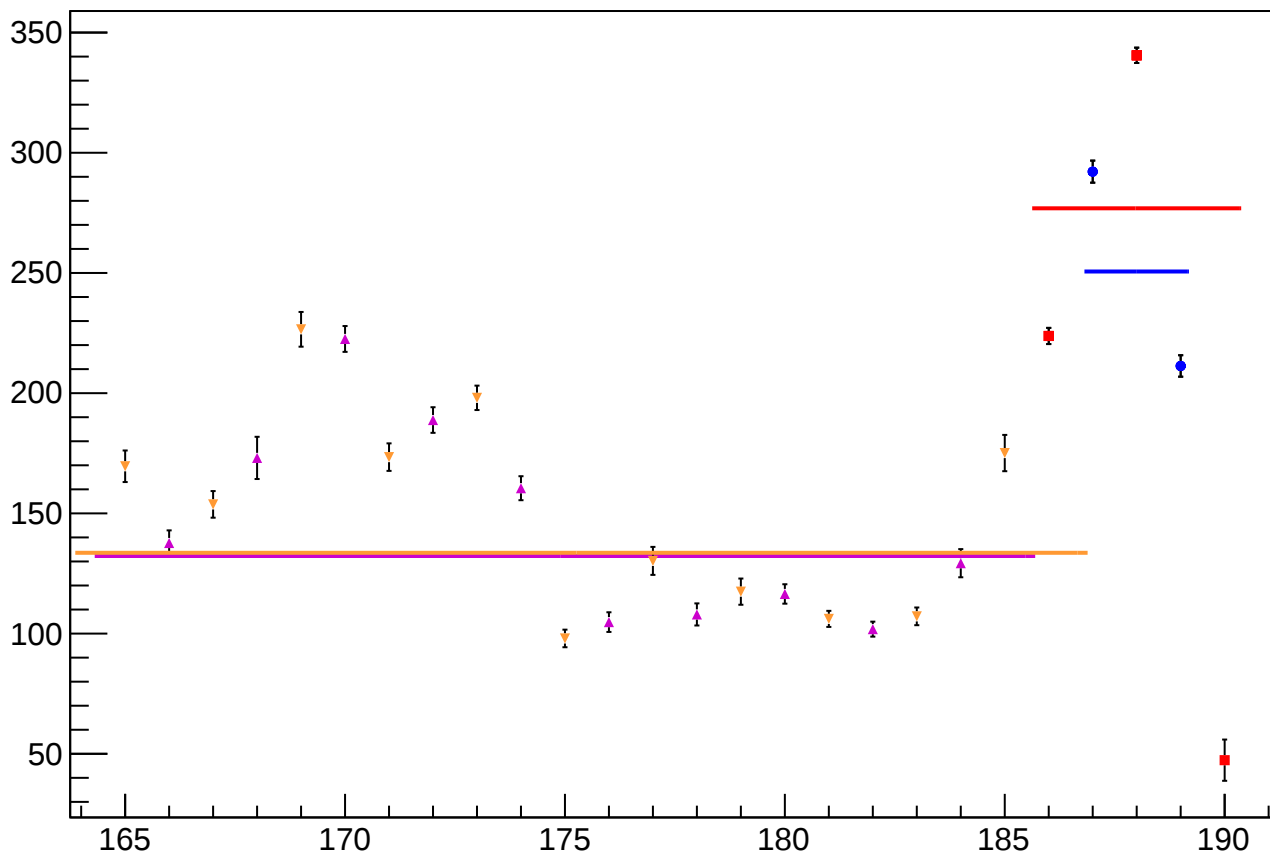
Right: 33.981 ± 2.159 $\chi^2/\text{NDF}: 13.9/8$

In: 3.624 ± 1.233 $\chi^2/\text{NDF}: 208.5/13$

Out: 4.720 ± 1.184 $\chi^2/\text{NDF}: 246.4/15$

All: 4.194 ± 0.854 $\chi^2/\text{NDF}: 455.3/29$

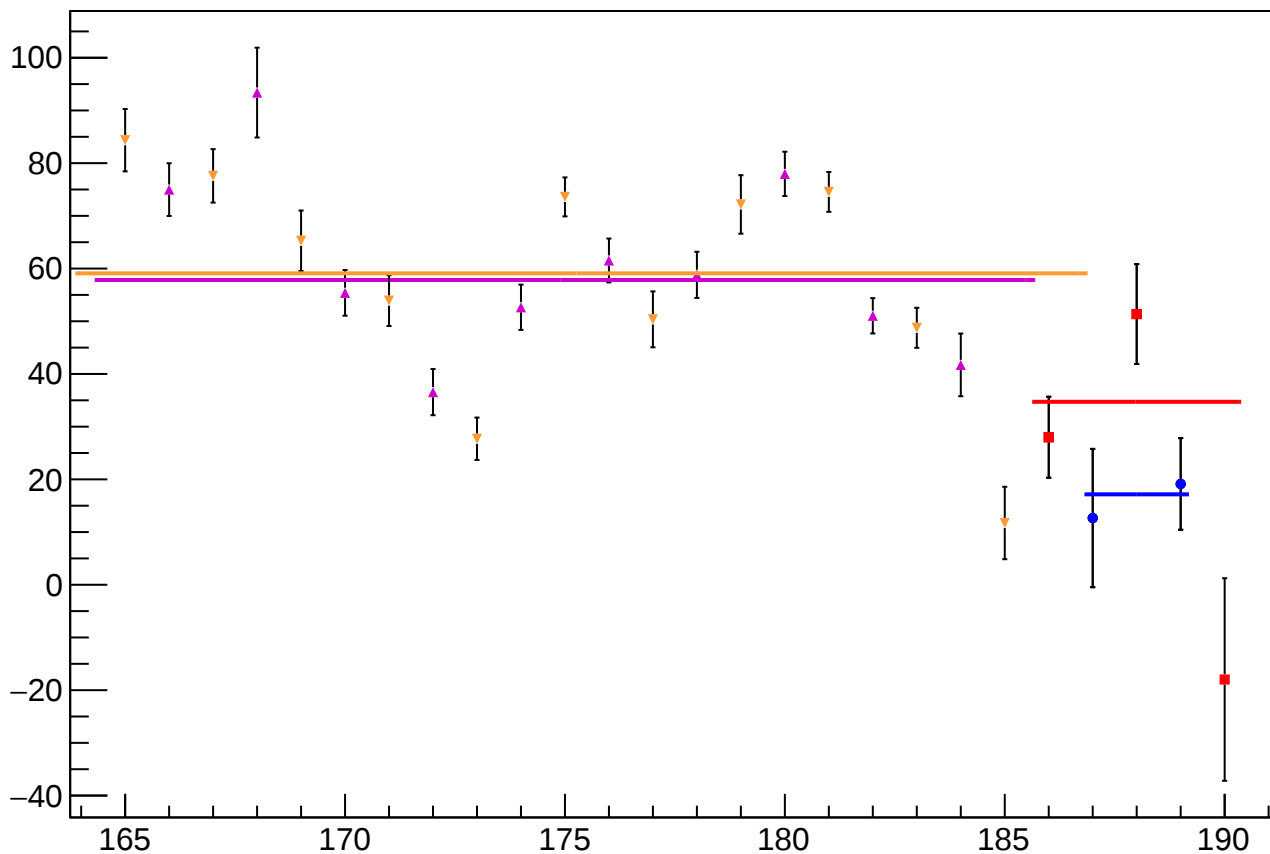
reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 132.945 $\pm$ 1.041 χ^2 /NDF: 1306.0/20
 Right: 268.079 $\pm$ 1.310 χ^2 /NDF: 2420.0/8
 In: 167.564 $\pm$ 1.235 χ^2 /NDF:2872.8/13
 Out: 198.864 $\pm$ 1.084 χ^2 /NDF:7012.7/15
 All: 185.241 $\pm$ 0.815 χ^2 /NDF: 10248.1/29

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.158+/-5.125 χ^2/NDF : 0.3/3

Left Out: 59.093+/-1.409 χ^2/NDF :190.0/10

Right Out: 34.719+/-4.122 χ^2/NDF : 15.2/4

Left In: 57.828+/-1.418 χ^2/NDF :89.8/9

Left: 58.465+/-0.999 χ^2/NDF : 280.1/20

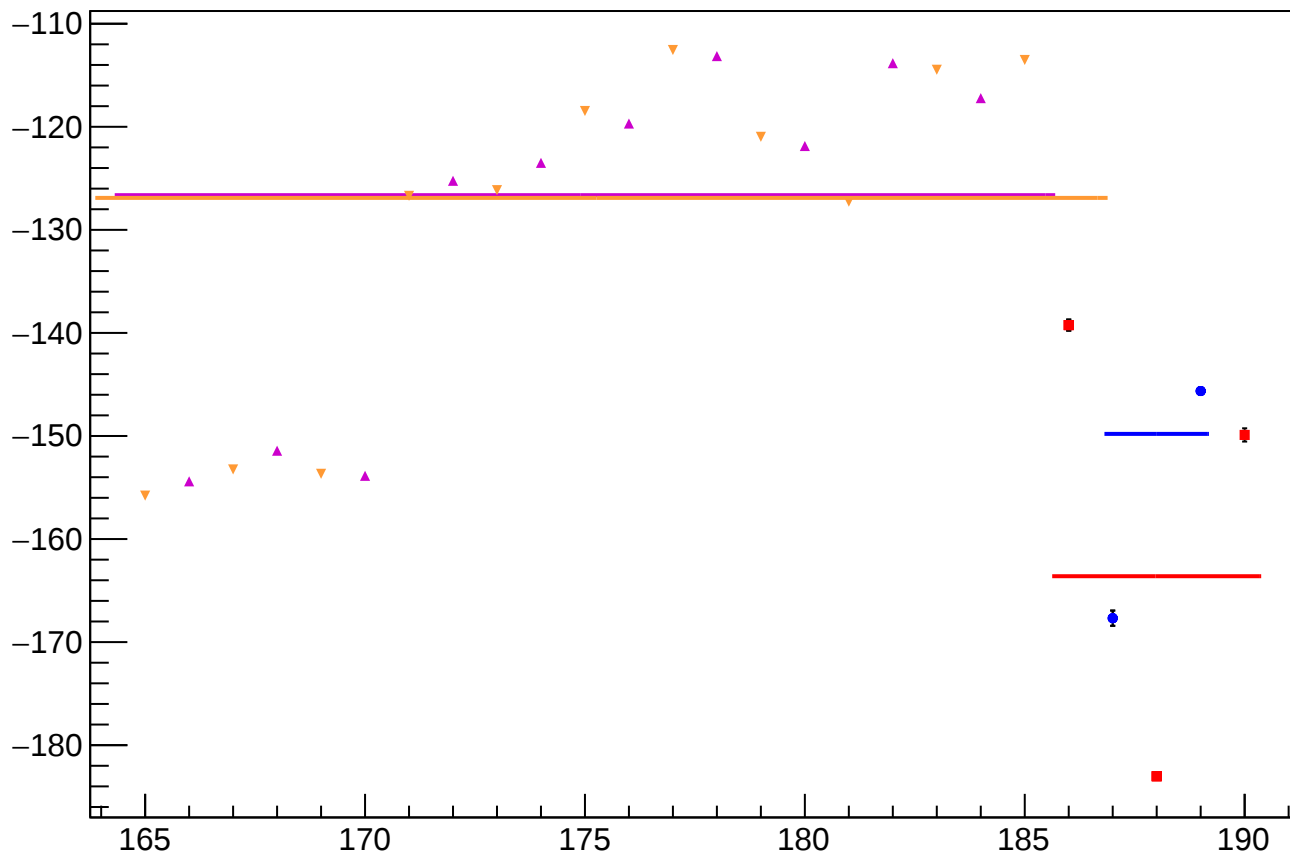
Right: 27.821+/-3.212 χ^2/NDF : 22.7/8

In: 54.935+/-1.367 χ^2/NDF :148.6/13

Out: 56.545+/-1.333 χ^2/NDF :236.5/15

All: 55.760+/-0.954 χ^2/NDF : 385.8/29

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -149.797+/-0.227 χ^2/NDF : 1443.2/3

Left Out: -126.899+/-0.063 χ^2/NDF : 49525.4/10

Right Out: -163.607+/-0.226 χ^2/NDF : 8428.8/4

Left In: -126.635+/-0.064 χ^2/NDF : 53466.5/9

Left: -126.768+/-0.045 χ^2/NDF : 103000.5/20

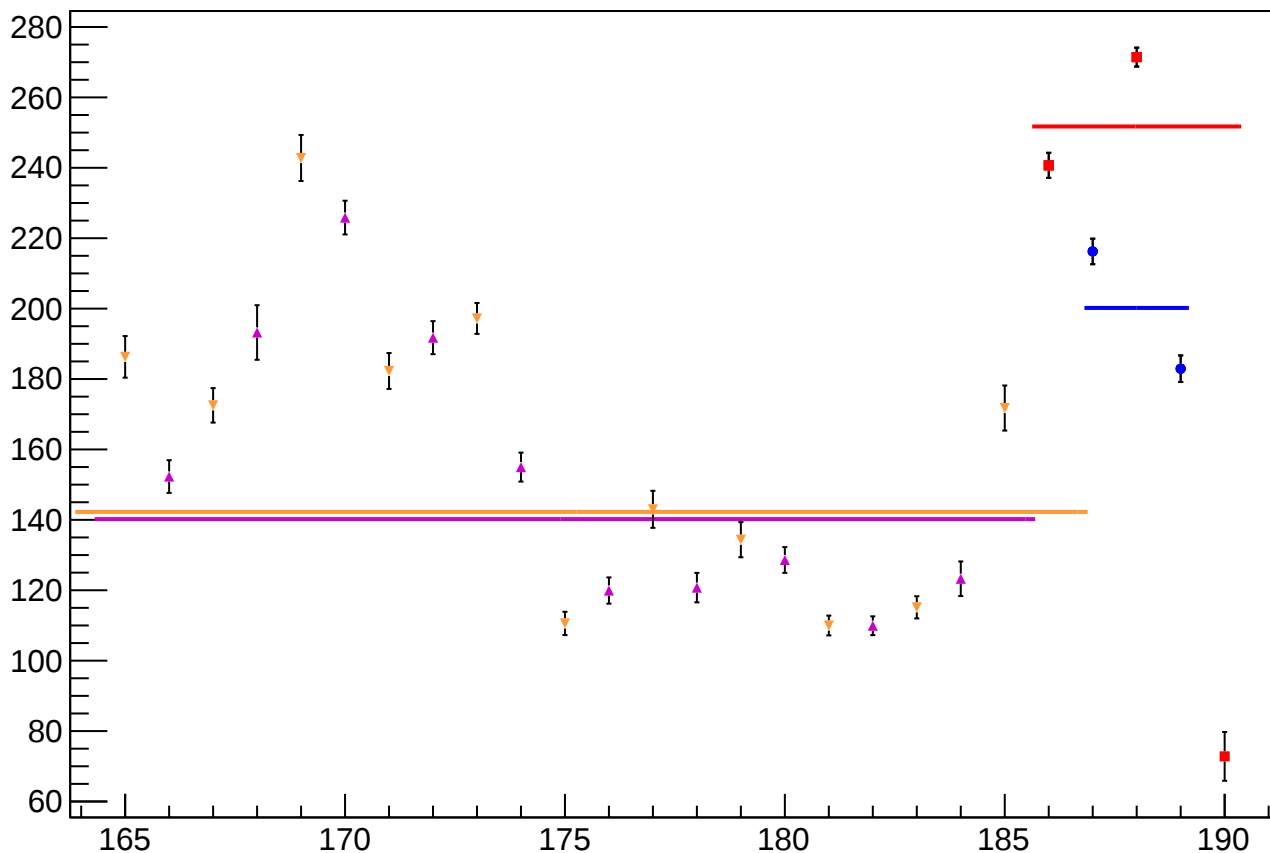
Right: -156.742+/-0.160 χ^2/NDF : 11733.0/8

In: -128.335+/-0.062 χ^2/NDF : 64556.1/13

Out: -129.581+/-0.061 χ^2/NDF : 82471.5/15

All: -128.963+/-0.043 χ^2/NDF : 147234.4/29

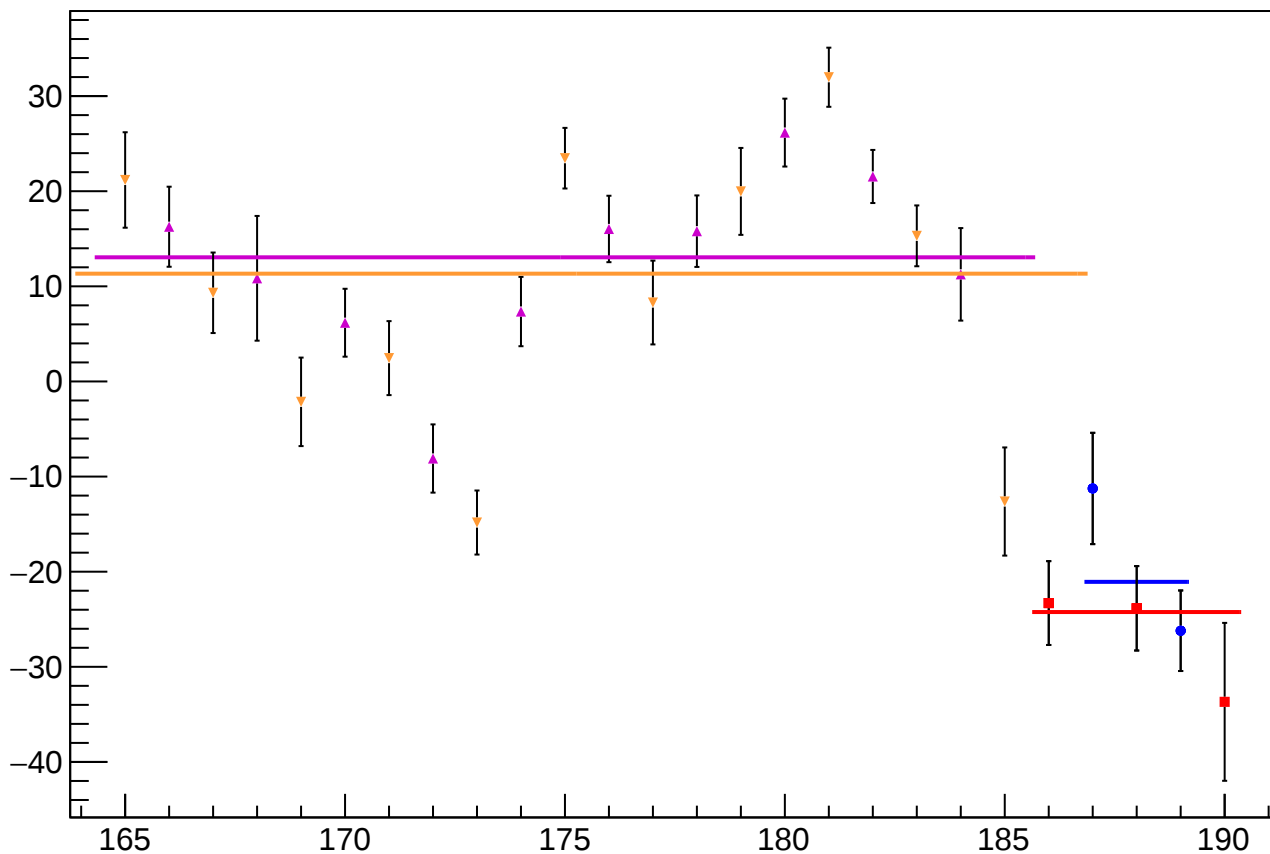
reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 200.197 ± 1.848 $\chi^2/\text{NDF}: 81.1/3$
 Left Out: 142.255 ± 1.288 $\chi^2/\text{NDF}: 868.7/10$
 Right Out: 251.738 ± 1.481 $\chi^2/\text{NDF}: 792.9/4$
 Left In: 140.213 ± 1.295 $\chi^2/\text{NDF}: 709.0/9$

Left: 141.240 ± 0.913 $\chi^2/\text{NDF}: 1578.9/20$
 Right: 231.586 ± 1.156 $\chi^2/\text{NDF}: 1347.5/8$
 In: 159.959 ± 1.060 $\chi^2/\text{NDF}: 1496.6/13$
 Out: 189.415 ± 0.972 $\chi^2/\text{NDF}: 4772.7/15$
 All: 175.967 ± 0.717 $\chi^2/\text{NDF}: 6688.6/29$

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -21.068 ± 2.425 χ^2/NDF : 8.6/3

Left Out: 11.331 ± 1.173 χ^2/NDF : 160.1/10

Right Out: -24.241 ± 2.136 χ^2/NDF : 1.4/4

Left In: 13.051 ± 1.184 χ^2/NDF : 65.8/9

Left: 12.183 ± 0.833 χ^2/NDF : 226.9/20

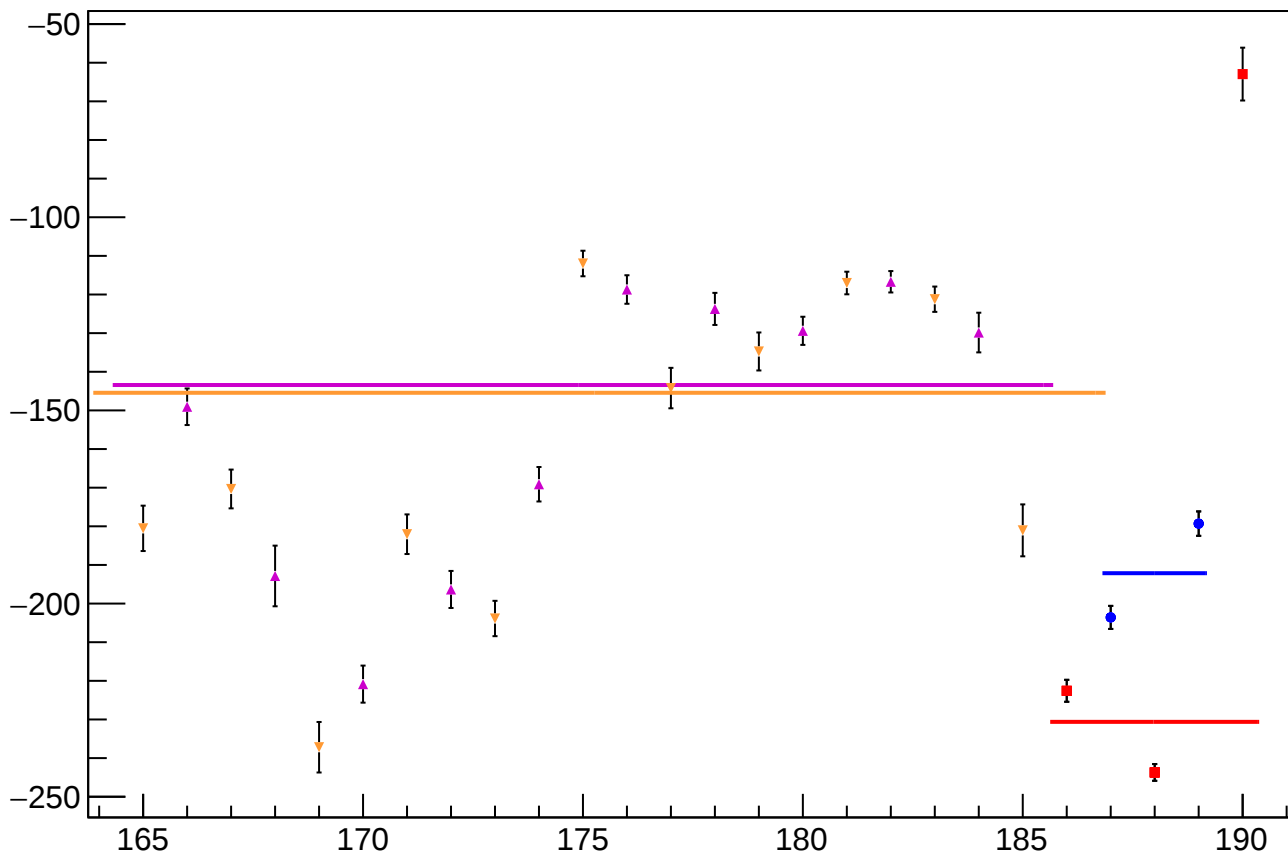
Right: -22.855 ± 1.603 χ^2/NDF : 10.9/8

In: 6.482 ± 1.064 χ^2/NDF : 234.2/13

Out: 3.087 ± 1.029 χ^2/NDF : 374.4/15

All: 4.727 ± 0.740 χ^2/NDF : 613.9/29

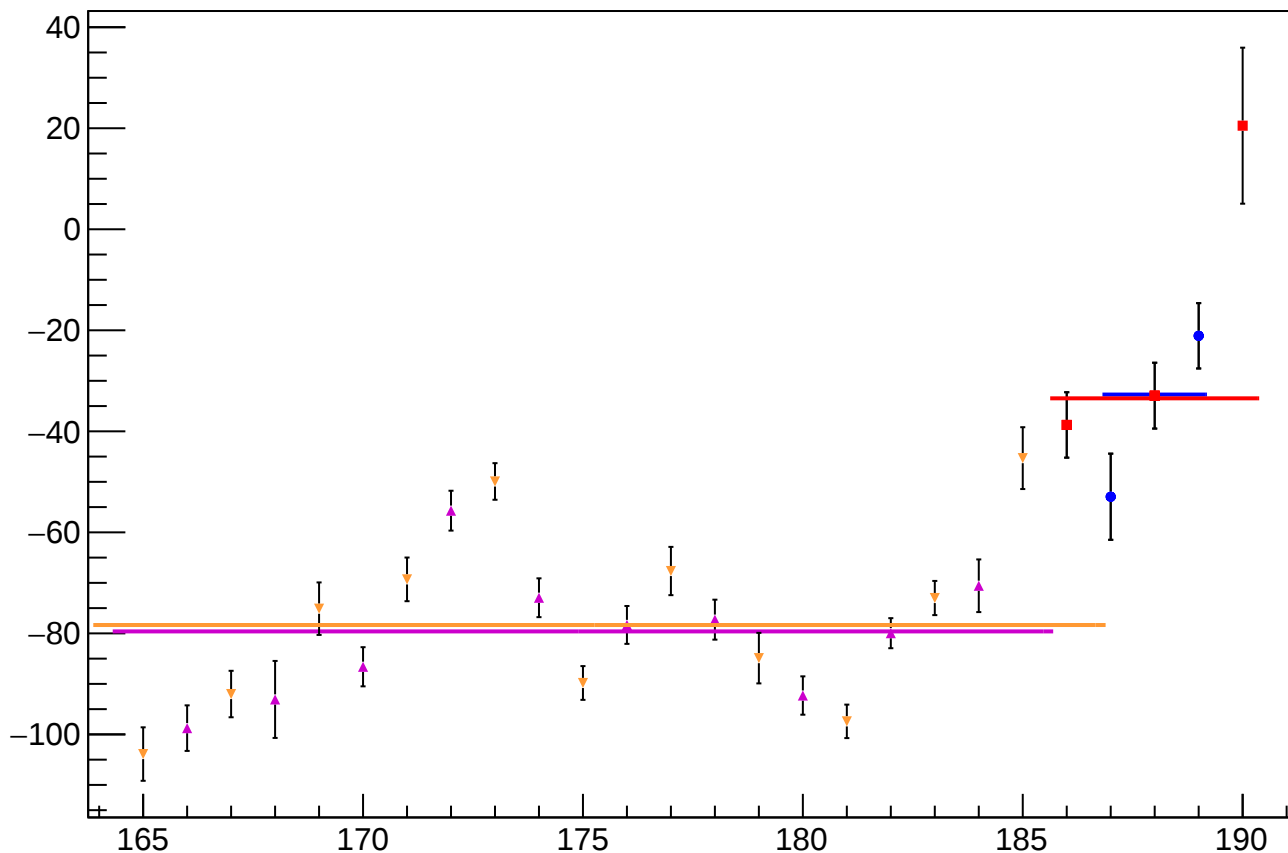
reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -144.436 $\pm$ 0.932 χ^2 /NDF: 1395.7/20
 Right: -216.011 $\pm$ 0.945 χ^2 /NDF: 1143.1/8
 In: -164.172 $\pm$ 1.001 χ^2 /NDF: 1280.6/13
 Out: -191.891 $\pm$ 0.886 χ^2 /NDF: 3738.1/15
 All: -179.715 $\pm$ 0.663 χ^2 /NDF: 5448.9/29

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.723 ± 3.644 $\chi^2/\text{NDF}: 17.7/3$

Left Out: -78.344 ± 1.262 $\chi^2/\text{NDF}: 181.7/10$

Right Out: -33.469 ± 3.179 $\chi^2/\text{NDF}: 13.6/4$

Left In: -79.611 ± 1.271 $\chi^2/\text{NDF}: 78.8/9$

Left: -78.973 ± 0.895 $\chi^2/\text{NDF}: 260.9/20$

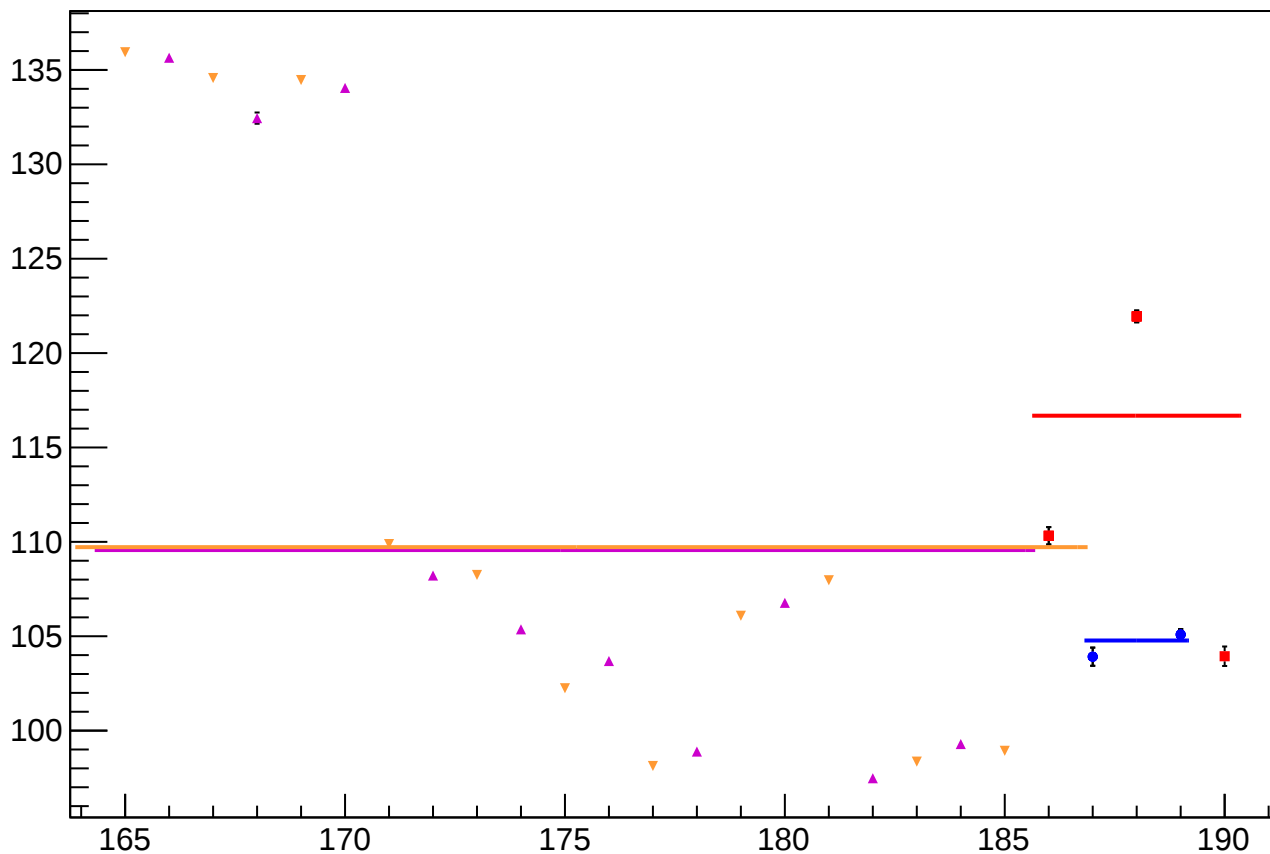
Right: -33.146 ± 2.396 $\chi^2/\text{NDF}: 31.3/8$

In: -74.526 ± 1.200 $\chi^2/\text{NDF}: 244.1/13$

Out: -72.237 ± 1.173 $\chi^2/\text{NDF}: 367.4/15$

All: -73.355 ± 0.839 $\chi^2/\text{NDF}: 613.3/29$

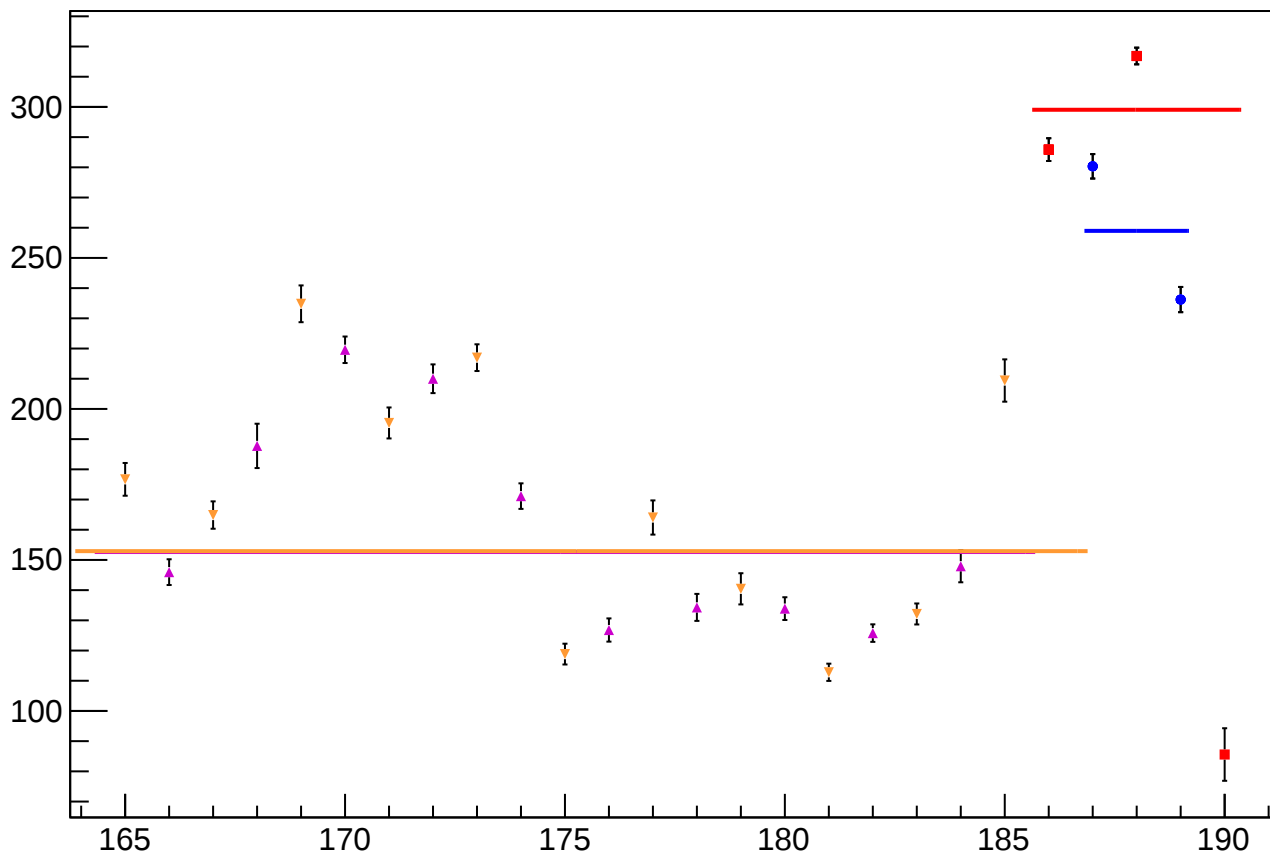
reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 104.774 $\pm$ 0.177 χ^2 /NDF: 8.7/3
 Left Out: 109.719 $\pm$ 0.057 χ^2 /NDF:50294.2/10
 Right Out: 116.683 $\pm$ 0.172 χ^2 /NDF: 1561.6/4
 Left In: 109.566 $\pm$ 0.057 χ^2 /NDF:55927.7/9

Left: 109.643 $\pm$ 0.040 χ^2 /NDF: 106225.5/20
 Right: 110.889 $\pm$ 0.123 χ^2 /NDF: 3901.0/8
 In: 109.112 $\pm$ 0.054 χ^2 /NDF:56601.6/13
 Out: 110.403 $\pm$ 0.054 χ^2 /NDF:53333.2/15
 All: 109.764 $\pm$ 0.038 χ^2 /NDF: 110218.8/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 258.962 +/- -2.055 χ^2/NDF : 115.1/3

Left Out: 152.914 +/- -1.316 χ^2/NDF : 891.2/10

Right Out: 299.059 +/- -1.549 χ^2/NDF : 709.7/4

Left In: 152.622 +/- -1.327 χ^2/NDF : 596.0/9

Left: 152.769 +/- -0.934 χ^2/NDF : 1487.2/20

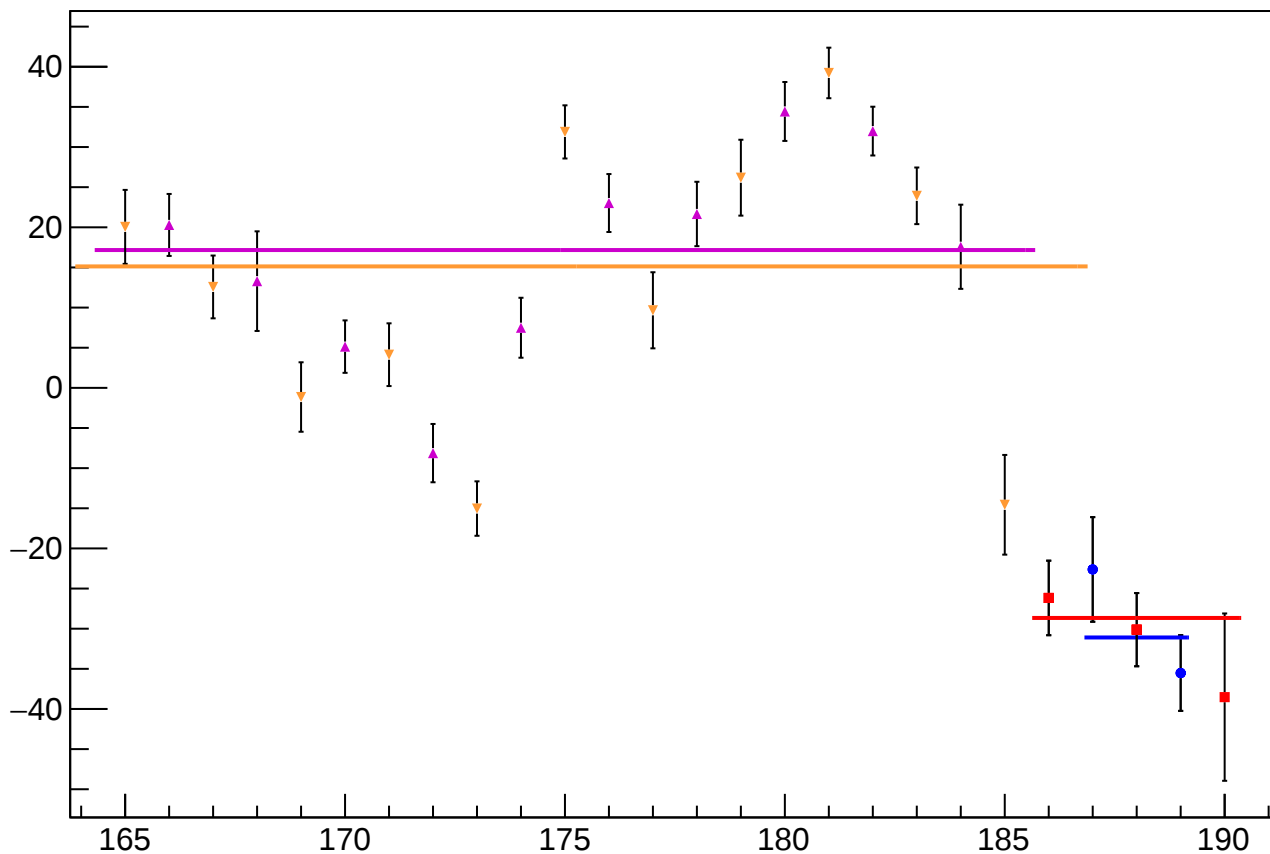
Right: 284.532 +/- -1.237 χ^2/NDF : 1067.7/8

In: 183.923 +/- -1.115 χ^2/NDF : 2601.2/13

Out: 214.176 +/- -1.003 χ^2/NDF : 6772.6/15

All: 200.646 +/- -0.746 χ^2/NDF : 9780.8/29

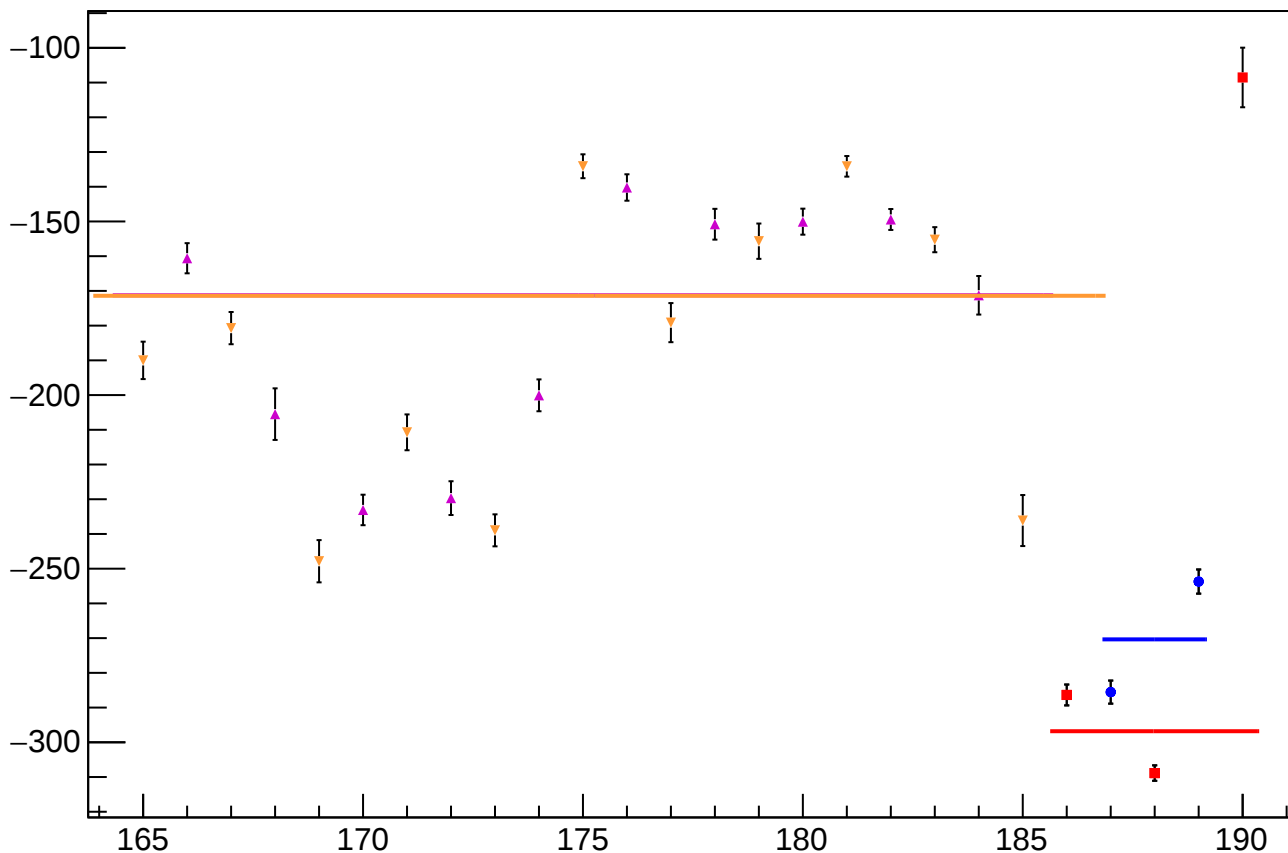
reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 119.7/9$

Left: 16.139 ± 0.846 $\chi^2/\text{NDF}: 343.9/20$
 Right: -29.656 ± 1.727 $\chi^2/\text{NDF}: 7.3/8$
 In: 9.186 ± 1.098 $\chi^2/\text{NDF}: 391.5/13$
 Out: 5.532 ± 1.052 $\chi^2/\text{NDF}: 521.3/15$
 All: 7.280 ± 0.759 $\chi^2/\text{NDF}: 918.6/29$

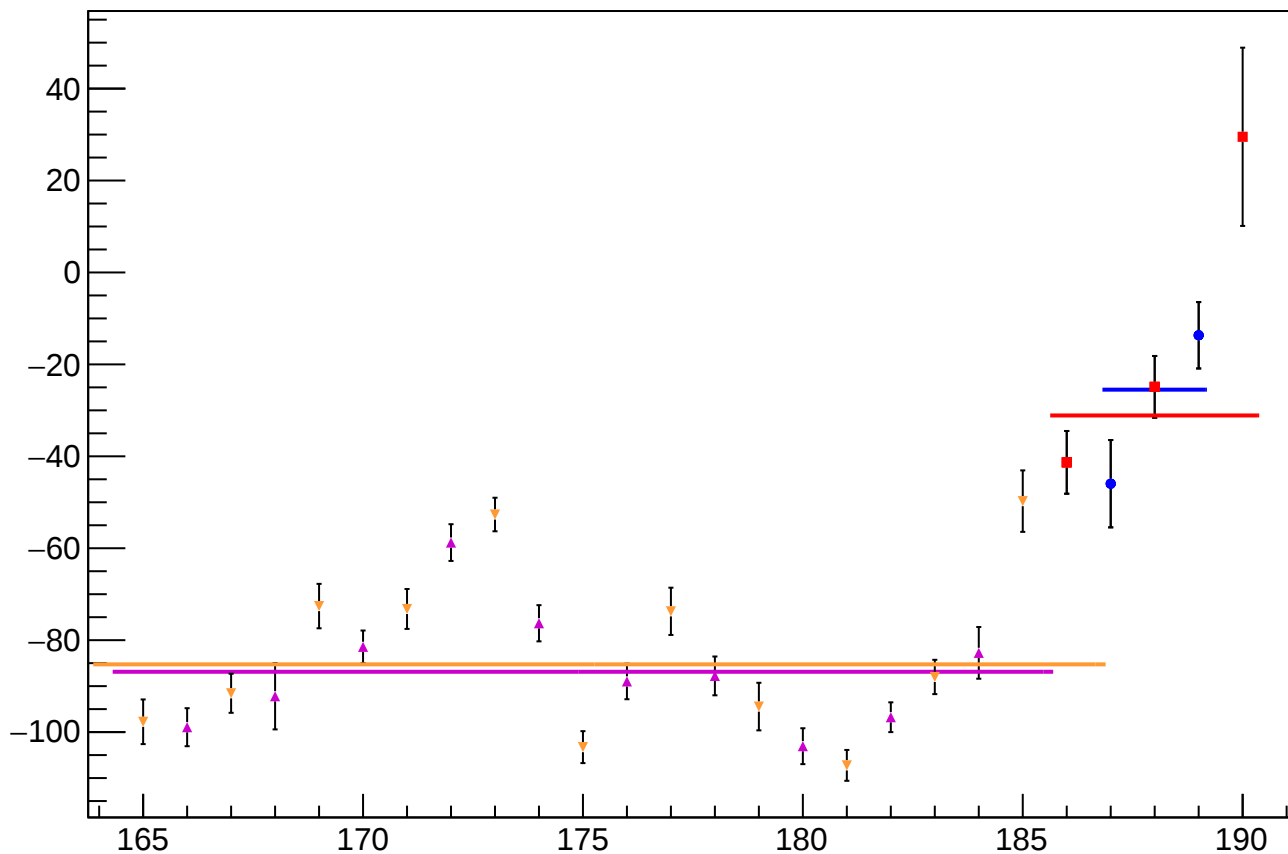
reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: -171.332+/-0.952 χ^2/NDF : 1412.9/20
 Right: -287.516+/-1.008 χ^2/NDF : 808.6/8
 In: -209.682+/-1.059 χ^2/NDF :2749.7/13
 Out: -238.454+/-0.915 χ^2/NDF :6071.4/15
 All: -226.153+/-0.692 χ^2/NDF : 9244.1/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.498+/-4.066 χ^2/NDF : 14.6/3

Left Out: -85.261+/-1.281 χ^2/NDF : 209.8/10

Right Out: -31.111+/-3.333 χ^2/NDF : 16.0/4

Left In: -86.876+/-1.292 χ^2/NDF : 95.4/9

Left: -86.061+/-0.909 χ^2/NDF : 306.1/20

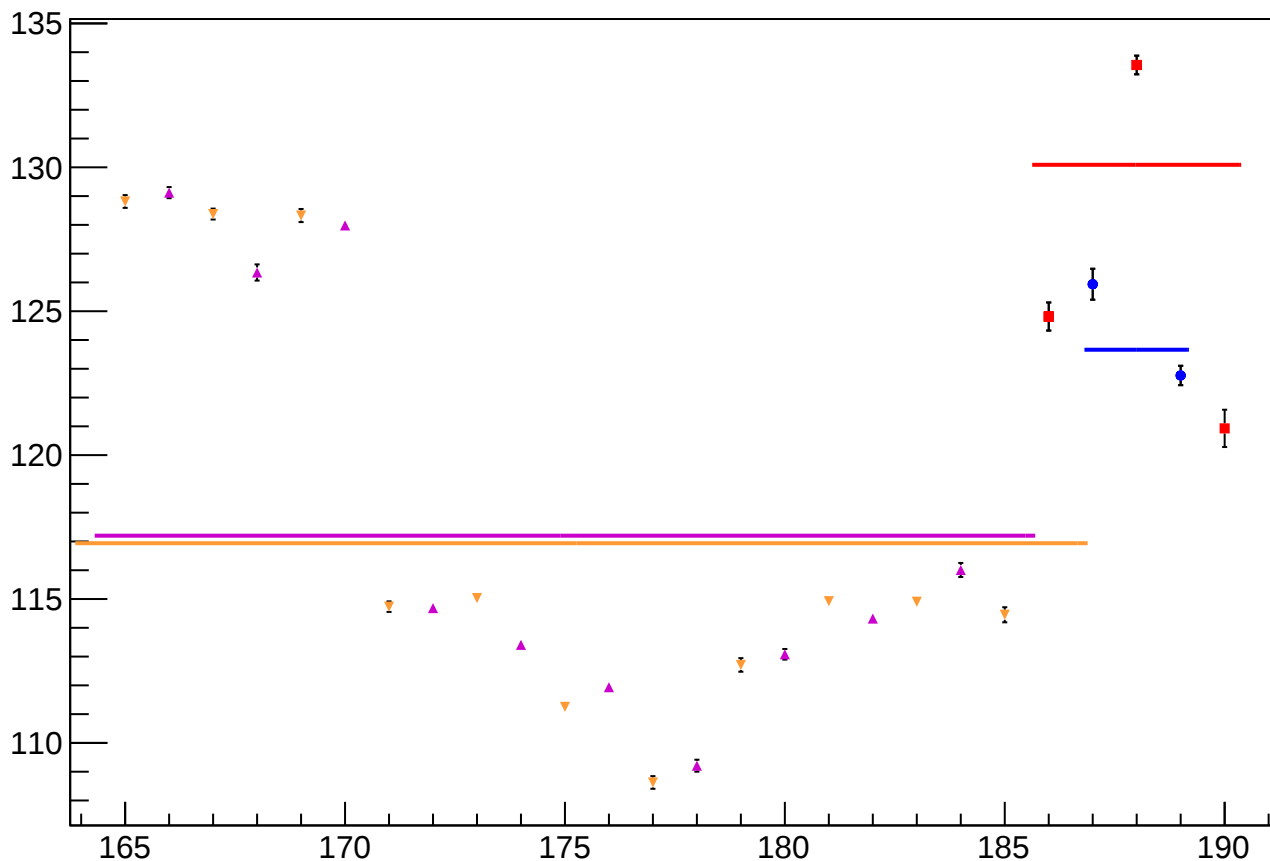
Right: -28.855+/-2.578 χ^2/NDF : 31.8/8

In: -81.249+/-1.231 χ^2/NDF : 317.1/13

Out: -78.293+/-1.196 χ^2/NDF : 455.8/15

All: -79.728+/-0.858 χ^2/NDF : 775.9/29

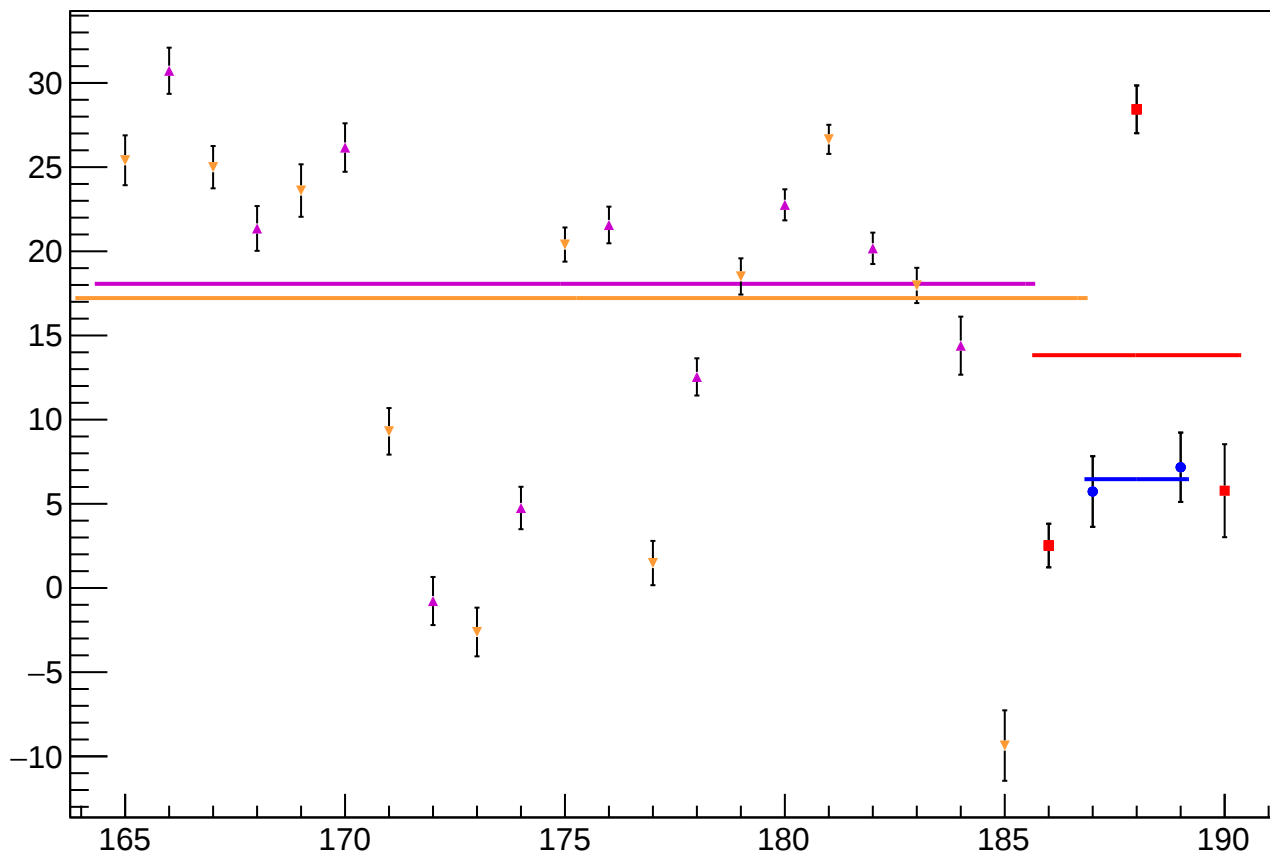
reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 117.069 ± 0.041 χ^2/NDF : 25976.1/20
 Right: 127.188 ± 0.136 χ^2/NDF : 1268.3/8
 In: 117.696 ± 0.056 χ^2/NDF : 14387.8/13
 Out: 118.129 ± 0.055 χ^2/NDF : 17928.2/15
 All: 117.916 ± 0.039 χ^2/NDF : 32346.5/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.464 ± 1.039 $\chi^2/\text{NDF}: 0.5/3$

Left Out: 17.221 ± 0.368 $\chi^2/\text{NDF}: 741.6/10$

Right Out: 13.829 ± 0.657 $\chi^2/\text{NDF}: 373.3/4$

Left In: 18.068 ± 0.377 $\chi^2/\text{NDF}: 479.2/9$

Left: 17.634 ± 0.263 $\chi^2/\text{NDF}: 1223.5/20$

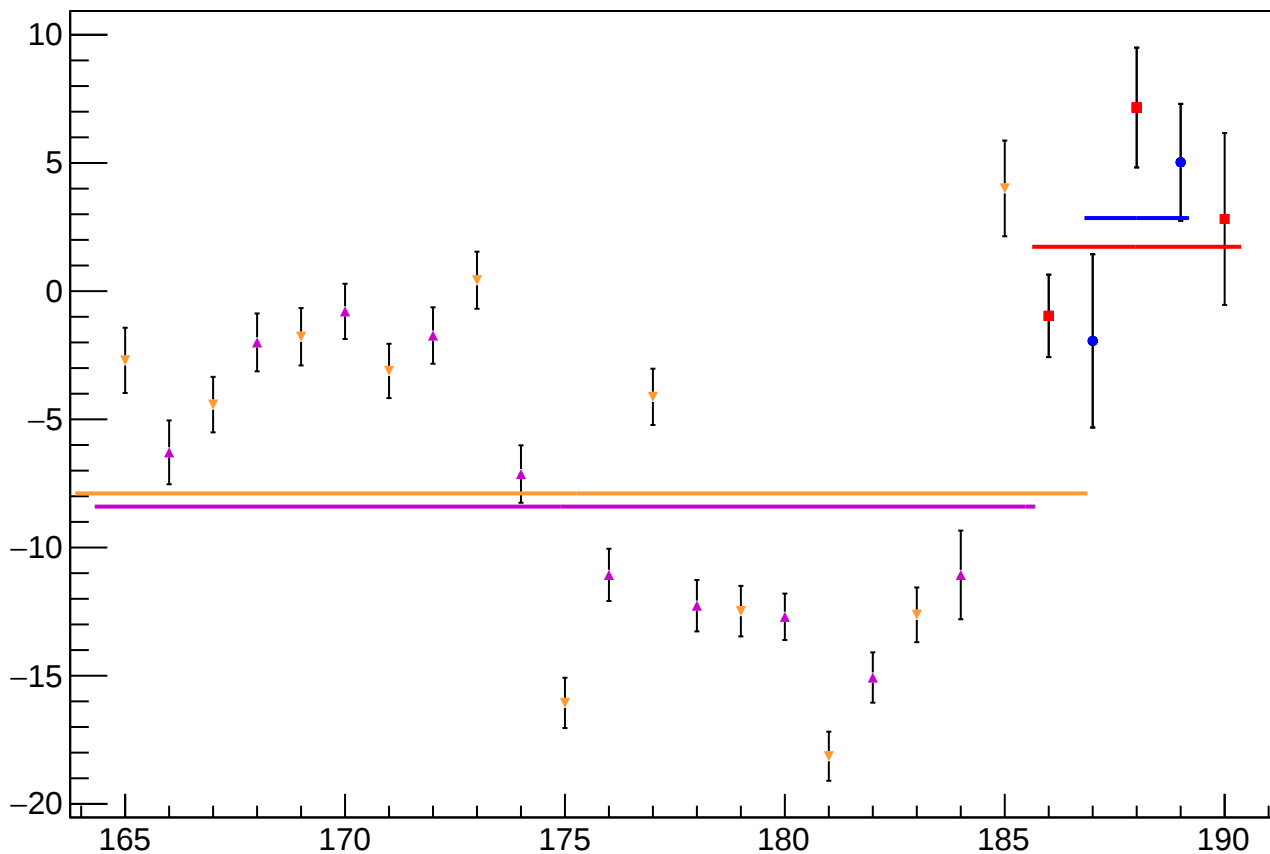
Right: 11.727 ± 0.555 $\chi^2/\text{NDF}: 409.7/8$

In: 16.715 ± 0.355 $\chi^2/\text{NDF}: 589.9/13$

Out: 16.411 ± 0.321 $\chi^2/\text{NDF}: 1135.2/15$

All: 16.548 ± 0.238 $\chi^2/\text{NDF}: 1725.6/29$

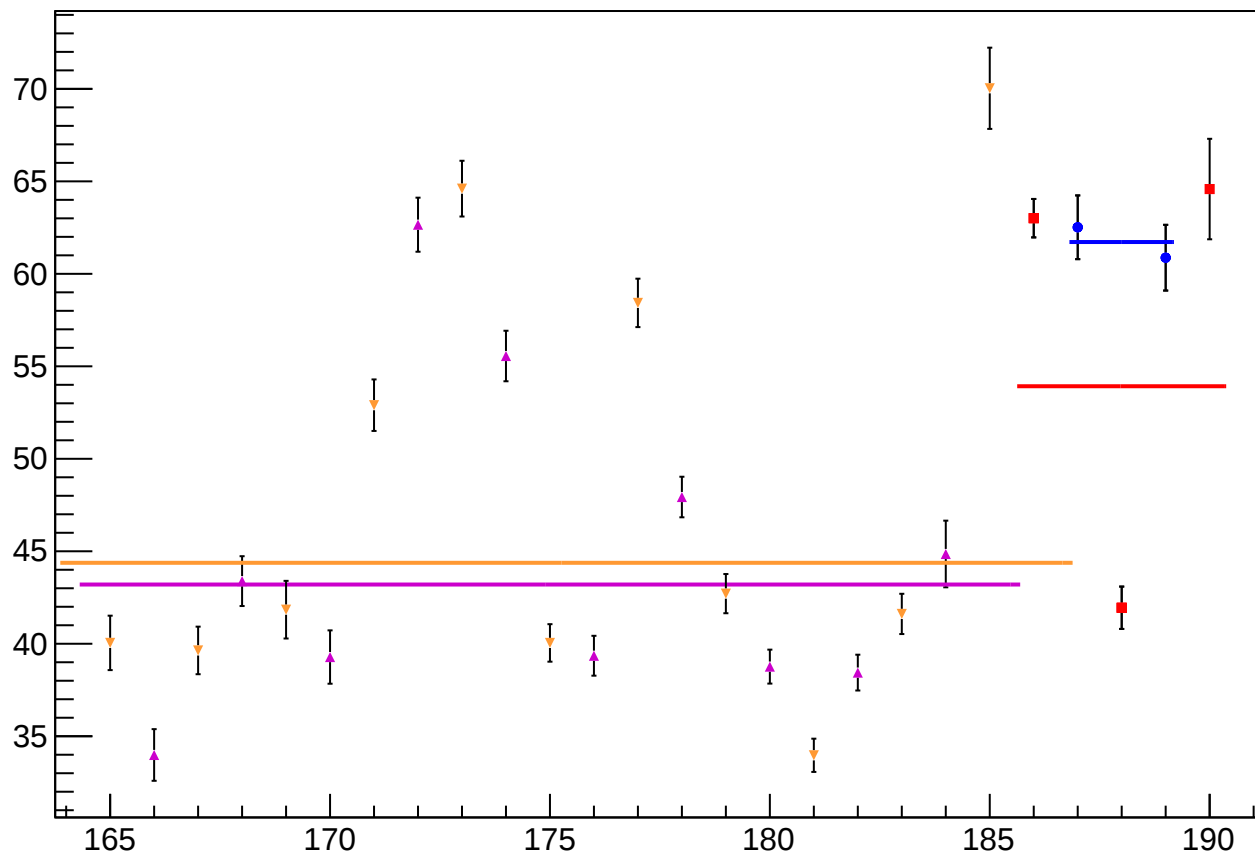
reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.851 ± 1.336 $\chi^2/\text{NDF}: 5.8/3$
 Left Out: -7.889 ± 0.331 $\chi^2/\text{NDF}: 410.5/10$
 Right Out: 1.731 ± 0.902 $\chi^2/\text{NDF}: 16.5/4$
 Left In: -8.403 ± 0.344 $\chi^2/\text{NDF}: 215.8/9$

Left: -8.137 ± 0.238 $\chi^2/\text{NDF}: 627.4/20$
 Right: 2.082 ± 0.747 $\chi^2/\text{NDF}: 22.9/8$
 In: -7.704 ± 0.333 $\chi^2/\text{NDF}: 288.2/13$
 Out: -6.746 ± 0.311 $\chi^2/\text{NDF}: 527.4/15$
 All: -7.192 ± 0.227 $\chi^2/\text{NDF}: 820.0/29$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.720 ± 0.875 $\chi^2/\text{NDF}: 0.9/3$

Left Out: 44.377 ± 0.373 $\chi^2/\text{NDF}: 655.6/10$

Right Out: 53.923 ± 0.534 $\chi^2/\text{NDF}: 387.1/4$

Left In: 43.202 ± 0.383 $\chi^2/\text{NDF}: 389.8/9$

Left: 43.805 ± 0.267 $\chi^2/\text{NDF}: 1050.2/20$

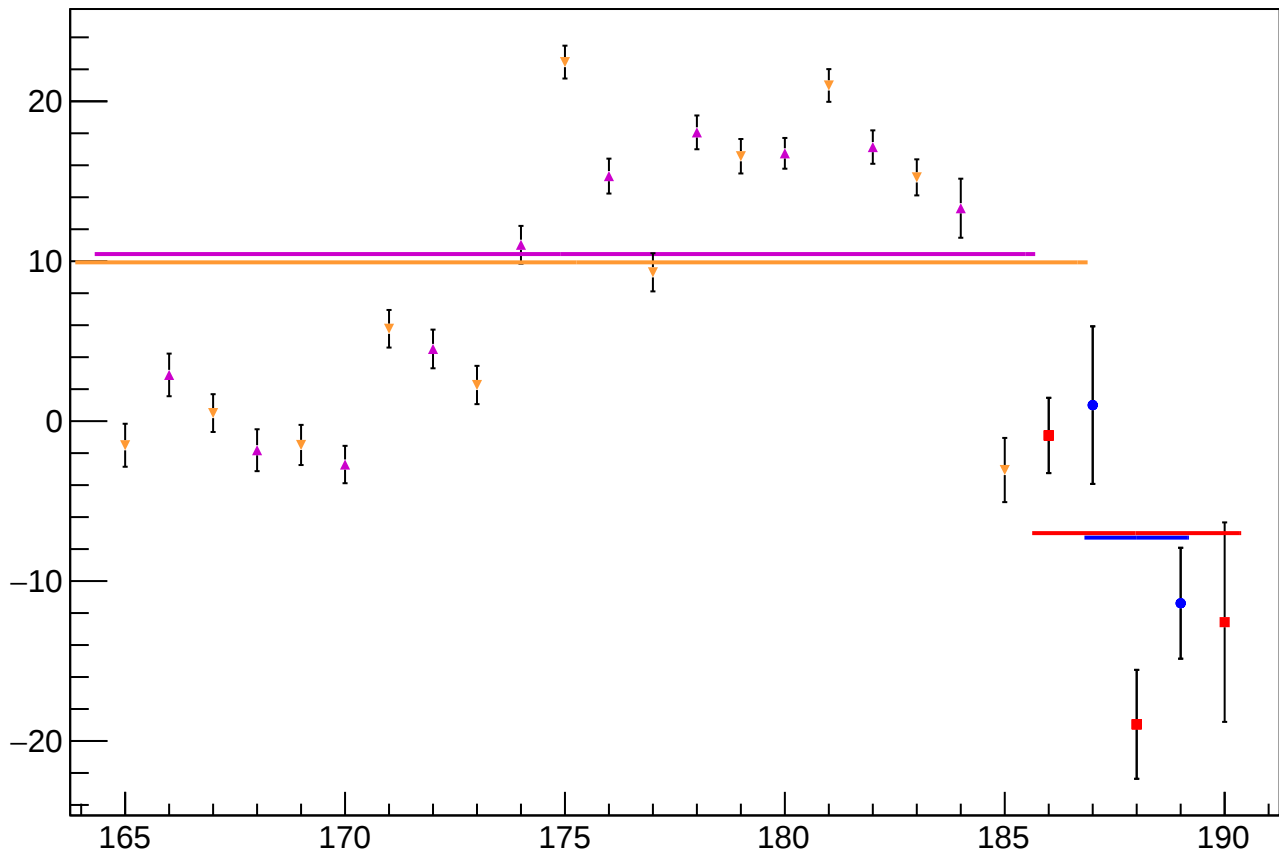
Right: 56.037 ± 0.455 $\chi^2/\text{NDF}: 445.9/8$

In: 46.186 ± 0.351 $\chi^2/\text{NDF}: 766.7/13$

Out: 47.516 ± 0.306 $\chi^2/\text{NDF}: 1257.5/15$

All: 46.942 ± 0.231 $\chi^2/\text{NDF}: 2032.4/29$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.283 $\pm$ 2.005 χ^2/NDF : 8.5/3

Left Out: 9.929 $\pm$ 0.357 χ^2/NDF :639.9/10

Right Out: -7.003 $\pm$ 1.337 χ^2/NDF : 38.9/4

Left In: 10.448 $\pm$ 0.370 χ^2/NDF :429.1/9

Left: 10.180 $\pm$ 0.257 χ^2/NDF : 1070.0/20

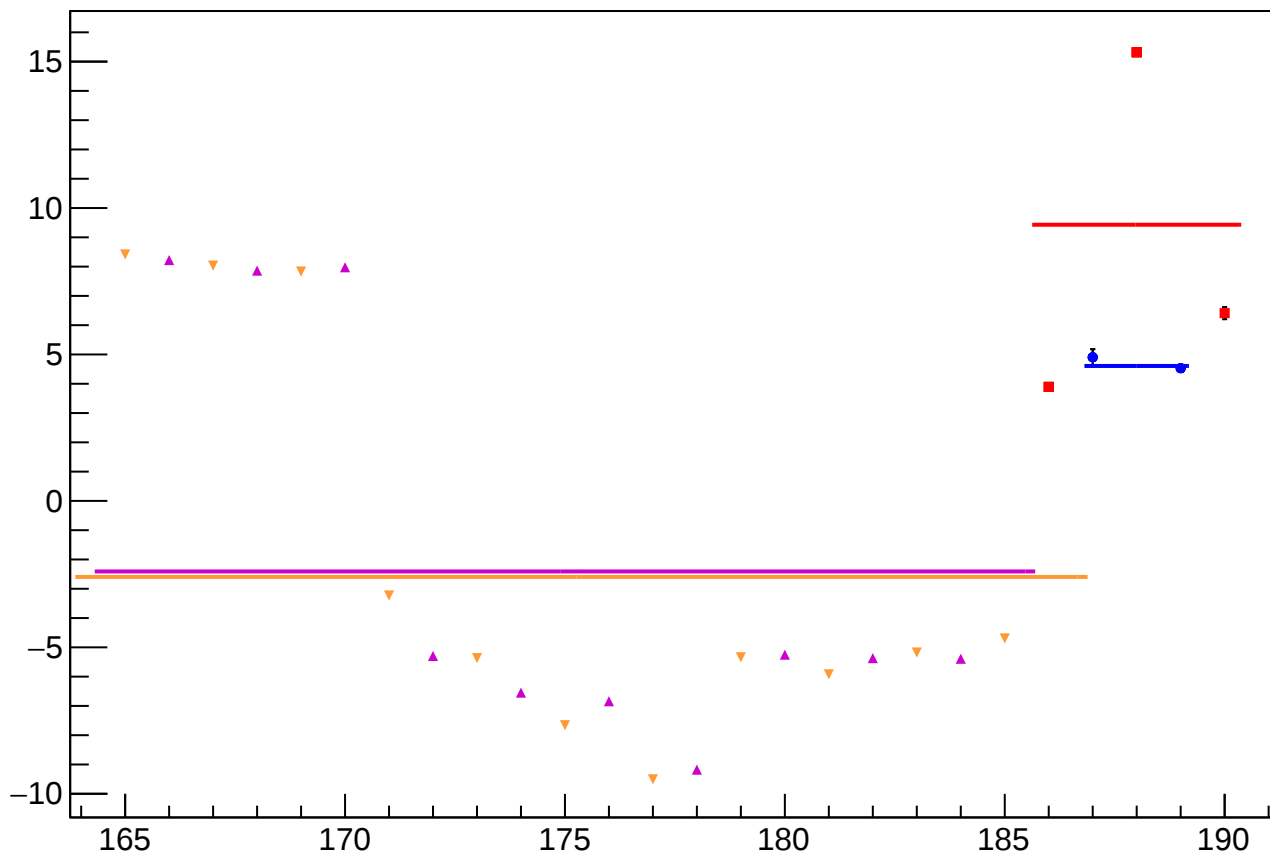
Right: -7.089 $\pm$ 1.113 χ^2/NDF : 47.4/8

In: 9.864 $\pm$ 0.364 χ^2/NDF :513.1/13

Out: 8.801 $\pm$ 0.345 χ^2/NDF :828.5/15

All: 9.305 $\pm$ 0.250 χ^2/NDF : 1346.1/29

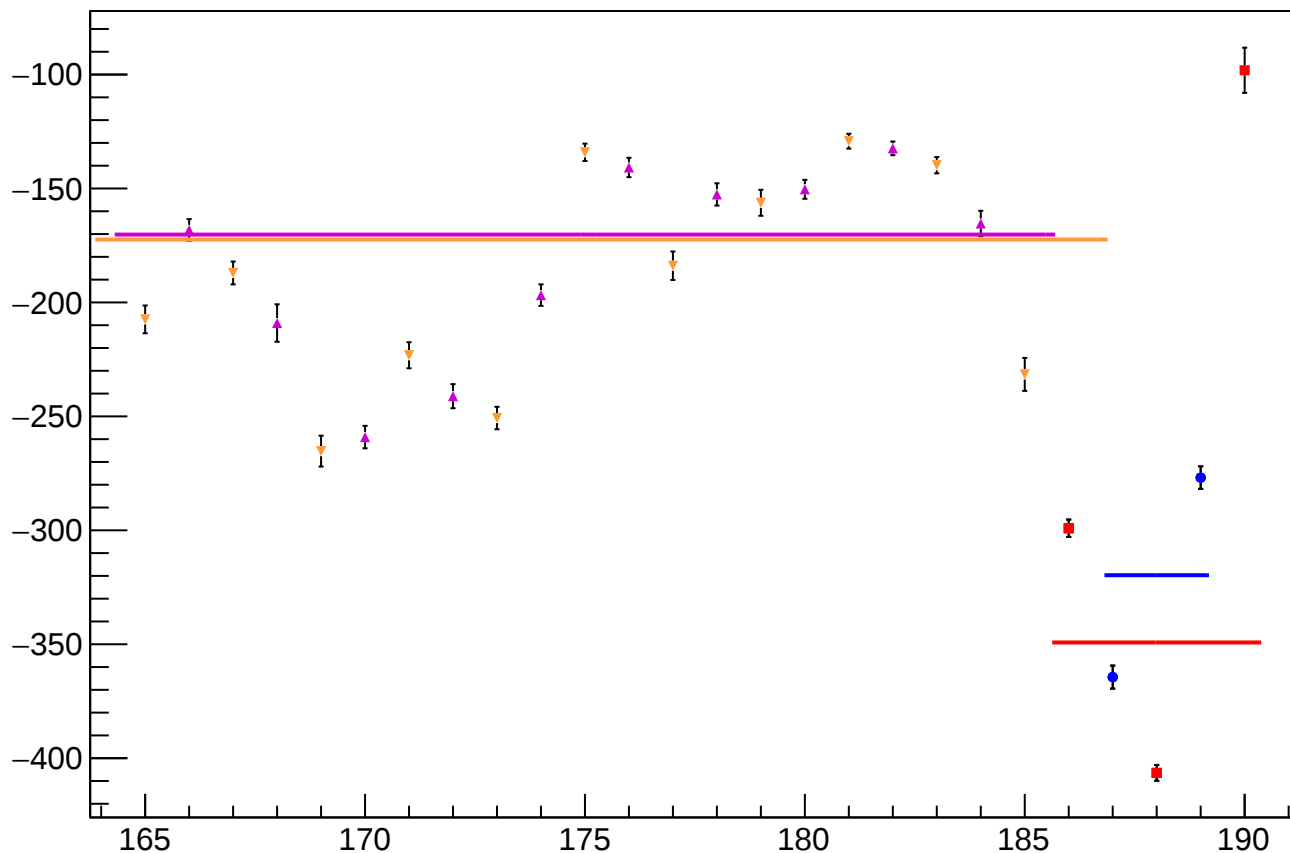
reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



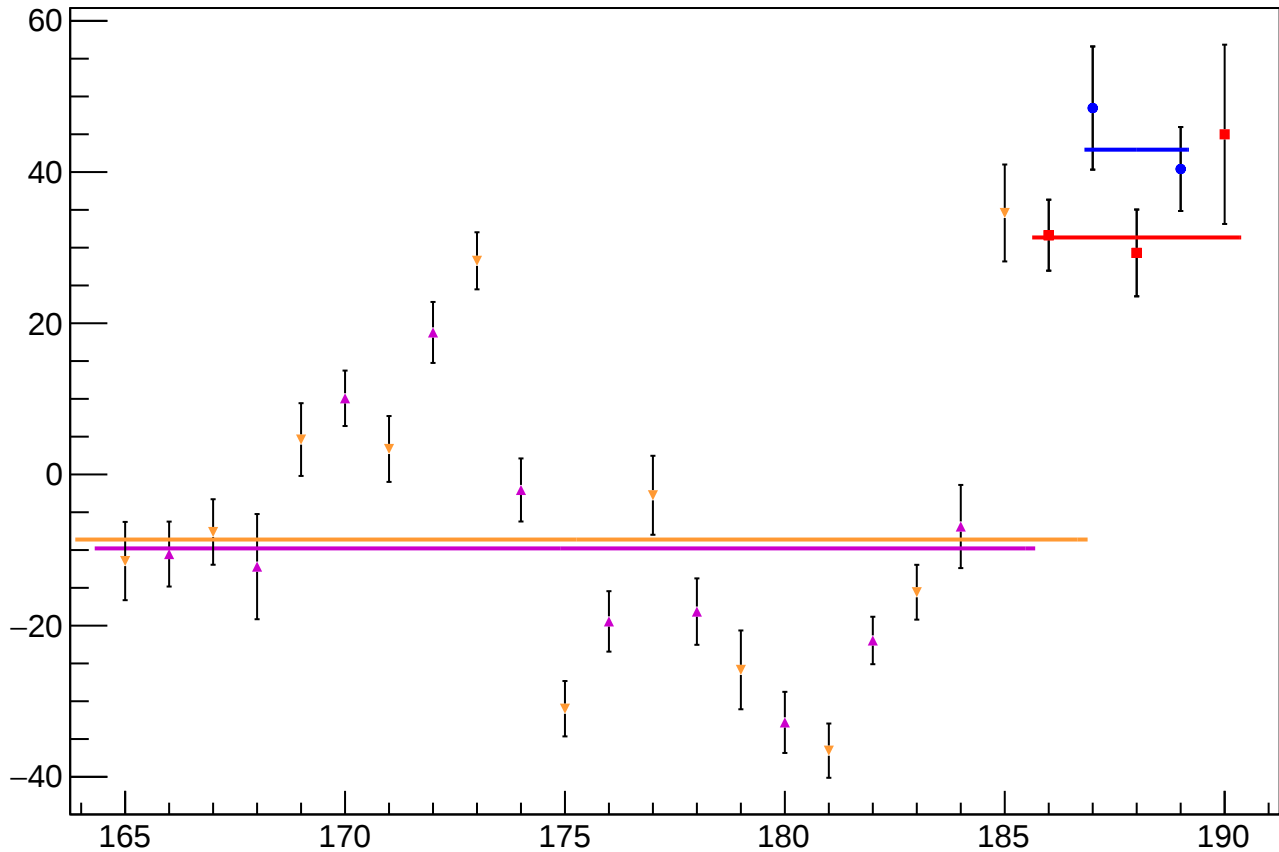
Right In: 4.608 $\pm$ 0.089 χ^2 /NDF: 2.9/3
 Left Out: -2.596 $\pm$ 0.016 χ^2 /NDF:150610.0/10
 Right Out: 9.430 $\pm$ 0.075 χ^2 /NDF: 5236.5/4
 Left In: -2.409 $\pm$ 0.016 χ^2 /NDF:154695.7/9

Left: -2.505 $\pm$ 0.011 χ^2 /NDF: 305372.9/20
 Right: 7.426 $\pm$ 0.058 χ^2 /NDF: 6945.1/8
 In: -2.179 $\pm$ 0.016 χ^2 /NDF:160676.7/13
 Out: -2.079 $\pm$ 0.016 χ^2 /NDF:180278.5/15
 All: -2.128 $\pm$ 0.011 χ^2 /NDF: 340975.0/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 42.962 ± 3.245 $\chi^2/\text{NDF}: 1.3/3$

Left Out: -8.609 ± 1.310 $\chi^2/\text{NDF}: 270.0/10$

Right Out: 31.349 ± 2.511 $\chi^2/\text{NDF}: 1.6/4$

Left In: -9.784 ± 1.315 $\chi^2/\text{NDF}: 140.3/9$

Left: -9.194 ± 0.928 $\chi^2/\text{NDF}: 410.7/20$

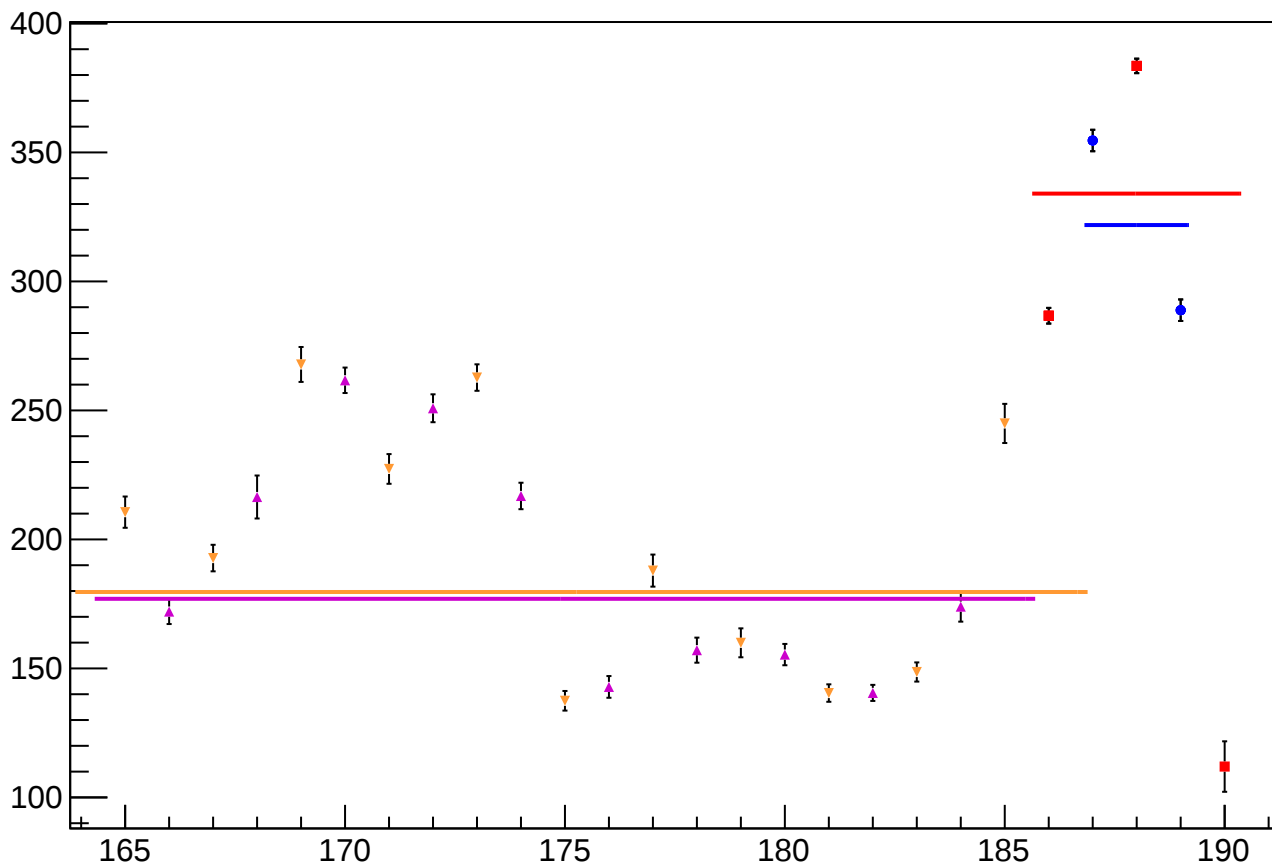
Right: 35.699 ± 1.986 $\chi^2/\text{NDF}: 10.9/8$

In: -2.342 ± 1.219 $\chi^2/\text{NDF}: 368.6/13$

Out: -0.059 ± 1.162 $\chi^2/\text{NDF}: 470.6/15$

All: -1.146 ± 0.841 $\chi^2/\text{NDF}: 841.0/29$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 178.299 +/- 1.043 χ^2/NDF : 1762.8/20

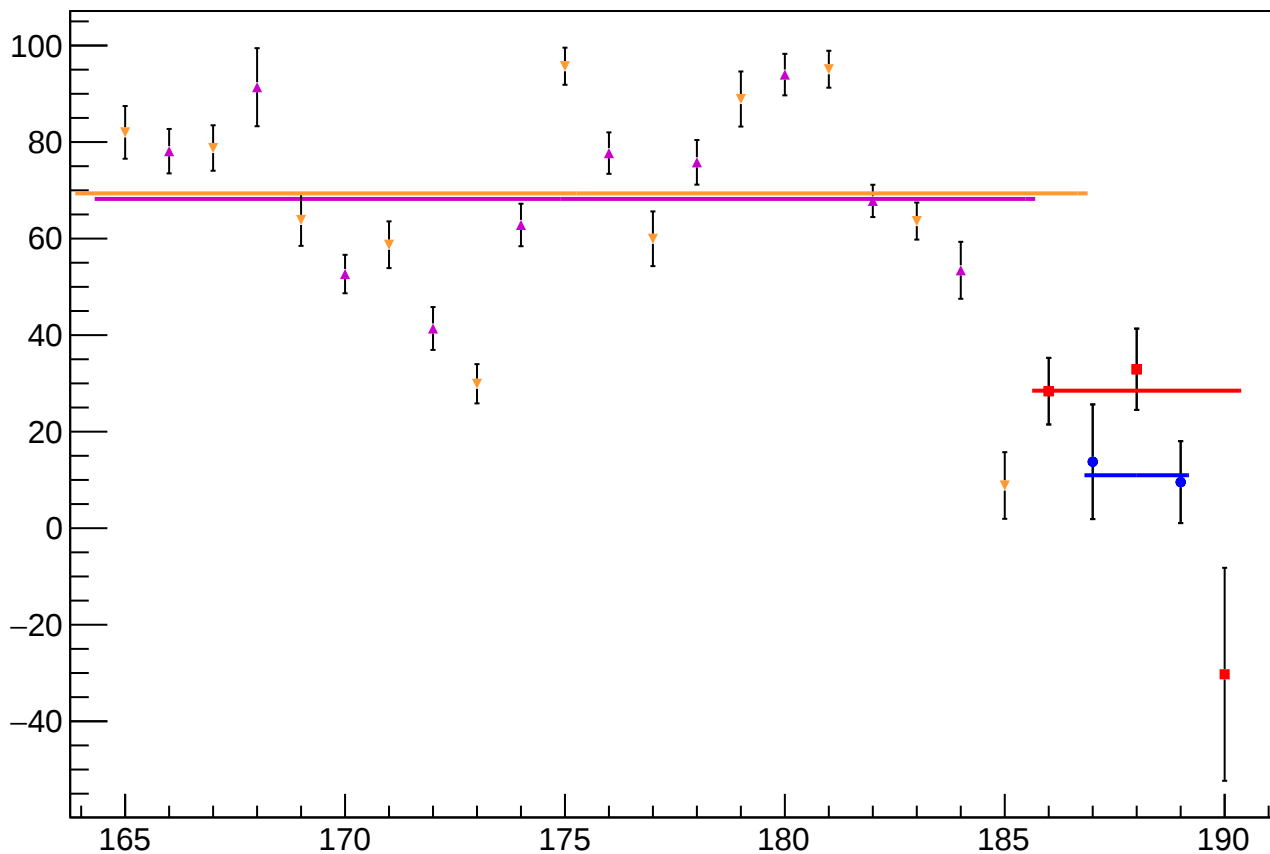
Right: 330.086 +/- 1.186 χ^2/NDF : 1893.9/8

In: 225.304 +/- 1.203 χ^2/NDF : 4286.1/13

Out: 258.600 +/- 1.032 χ^2/NDF : 8167.8/15

All: 244.490 +/- 0.783 χ^2/NDF : 12895.4/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.971 ± 4.883 $\chi^2/\text{NDF}: 0.2/3$

Left Out: 69.371 ± 1.410 $\chi^2/\text{NDF}: 295.1/10$

Right Out: 28.495 ± 3.719 $\chi^2/\text{NDF}: 7.6/4$

Left In: 68.220 ± 1.413 $\chi^2/\text{NDF}: 115.9/9$

Left: 68.797 ± 0.998 $\chi^2/\text{NDF}: 411.3/20$

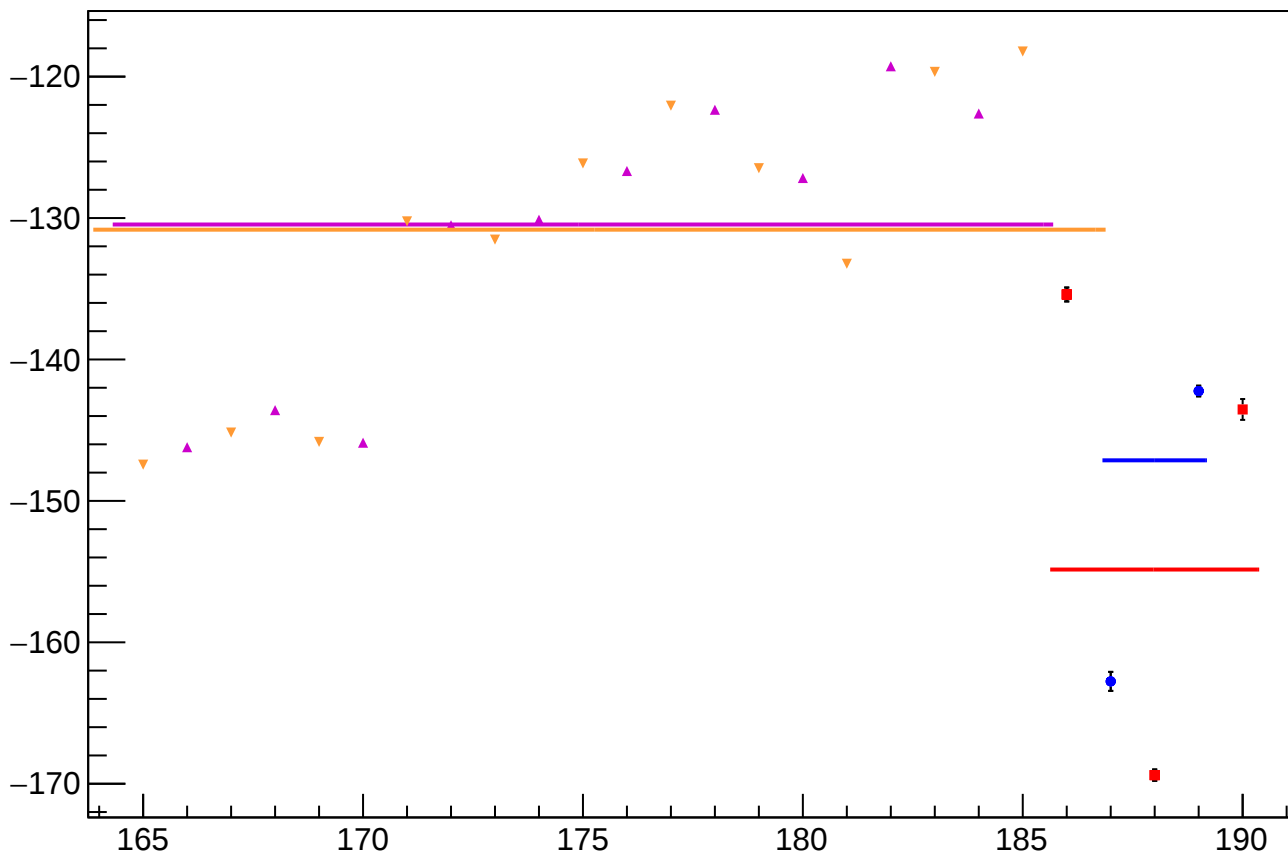
Right: 22.061 ± 2.959 $\chi^2/\text{NDF}: 16.0/8$

In: 63.797 ± 1.357 $\chi^2/\text{NDF}: 242.9/13$

Out: 64.236 ± 1.318 $\chi^2/\text{NDF}: 408.4/15$

All: 64.023 ± 0.946 $\chi^2/\text{NDF}: 651.3/29$

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -147.132+/-0.232 χ^2/NDF : 1421.6/3

Left Out: -130.822+/-0.063 χ^2/NDF :21492.2/10

Right Out: -154.853+/-0.211 χ^2/NDF : 5983.3/4

Left In: -130.457+/-0.064 χ^2/NDF :22634.4/9

Left: -130.640+/-0.045 χ^2/NDF : 44143.1/20

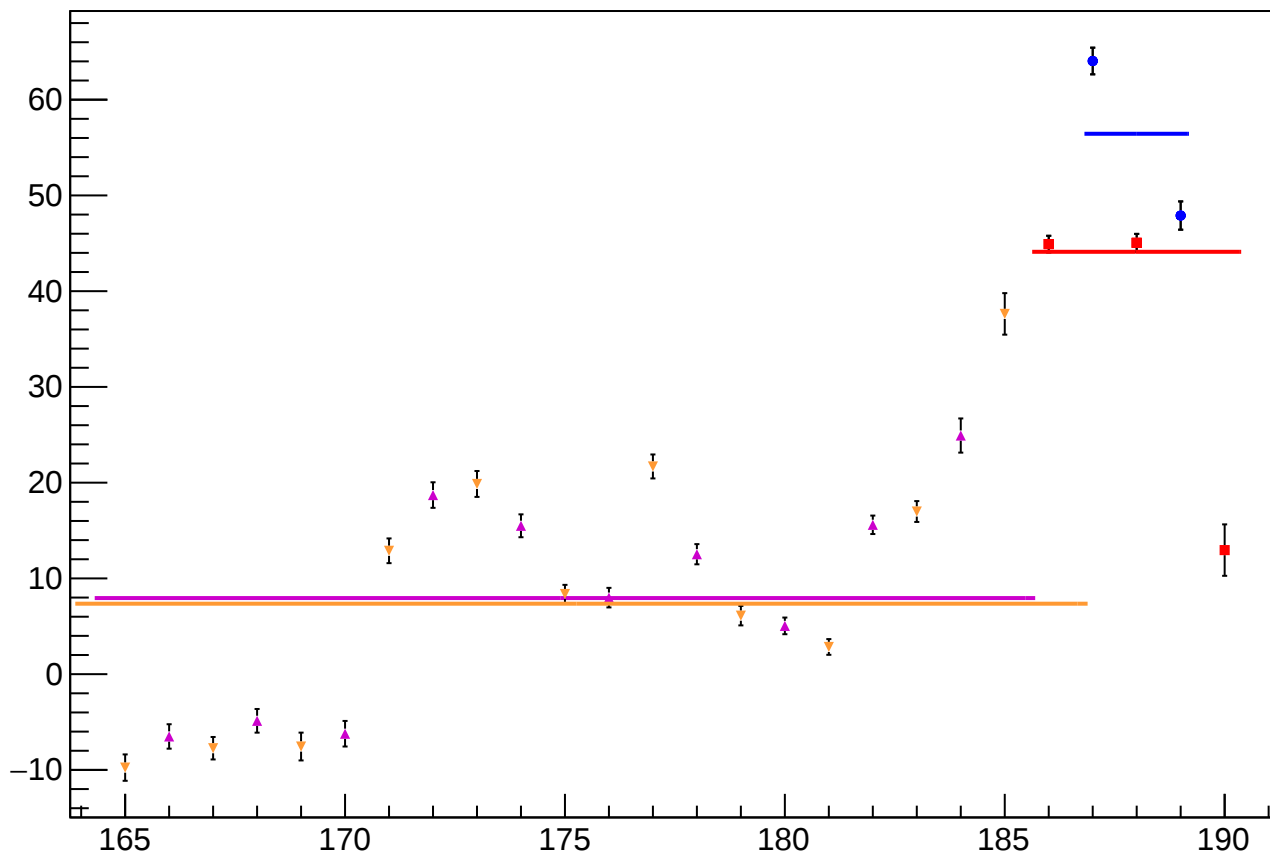
Right: -151.365+/-0.156 χ^2/NDF : 8011.6/8

In: -131.623+/-0.061 χ^2/NDF :28855.6/13

Out: -132.823+/-0.061 χ^2/NDF :39402.0/15

All: -132.229+/-0.043 χ^2/NDF : 68450.2/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 56.439+/-0.716 χ^2/NDF : 126.5/3

Left Out: 7.359+/-0.351 χ^2/NDF : 965.9/10

Right Out: 44.112+/-0.442 χ^2/NDF : 138.3/4

Left In: 7.948+/-0.361 χ^2/NDF : 636.7/9

Left: 7.645+/-0.252 χ^2/NDF : 1604.1/20

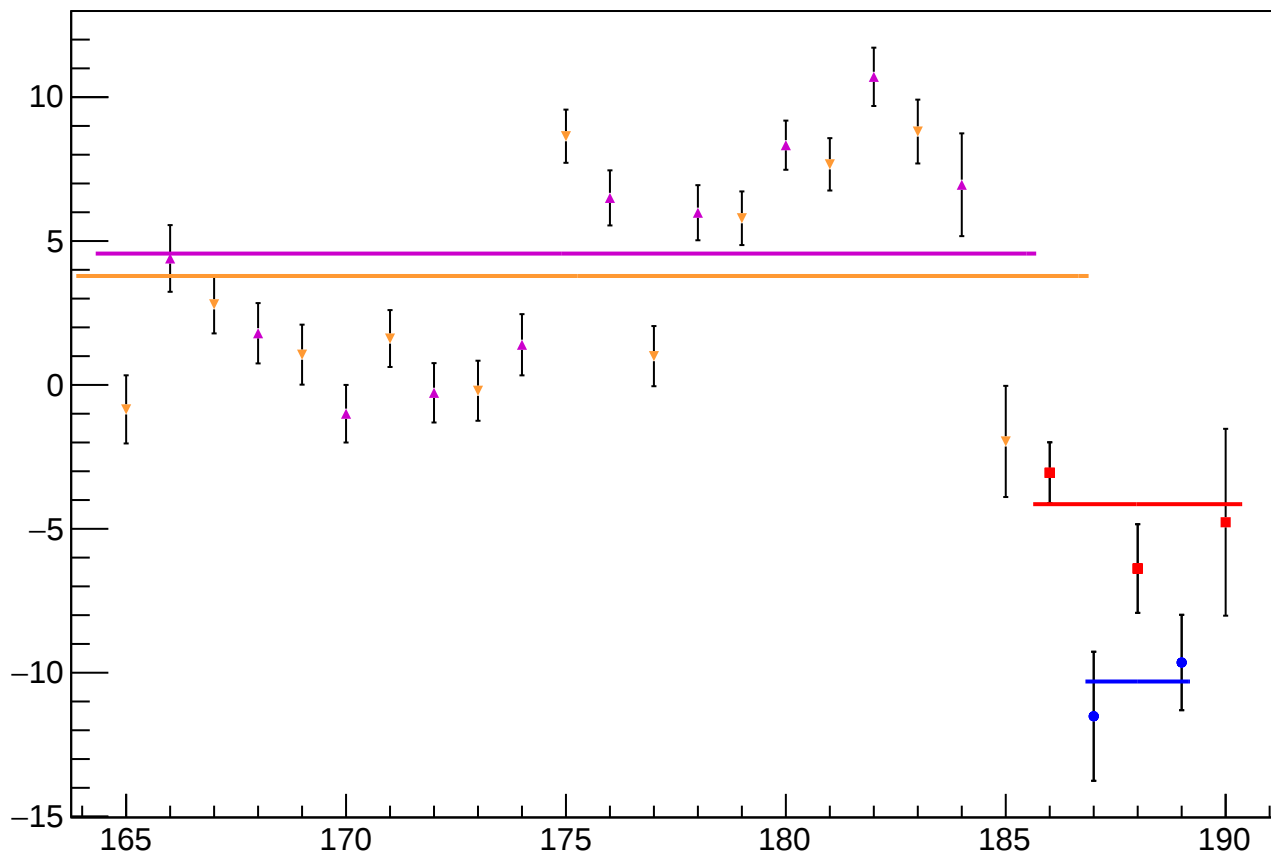
Right: 47.514+/-0.376 χ^2/NDF : 479.1/8

In: 17.779+/-0.323 χ^2/NDF : 4415.9/13

Out: 21.566+/-0.275 χ^2/NDF : 5340.2/15

All: 19.972+/-0.209 χ^2/NDF : 9835.9/29

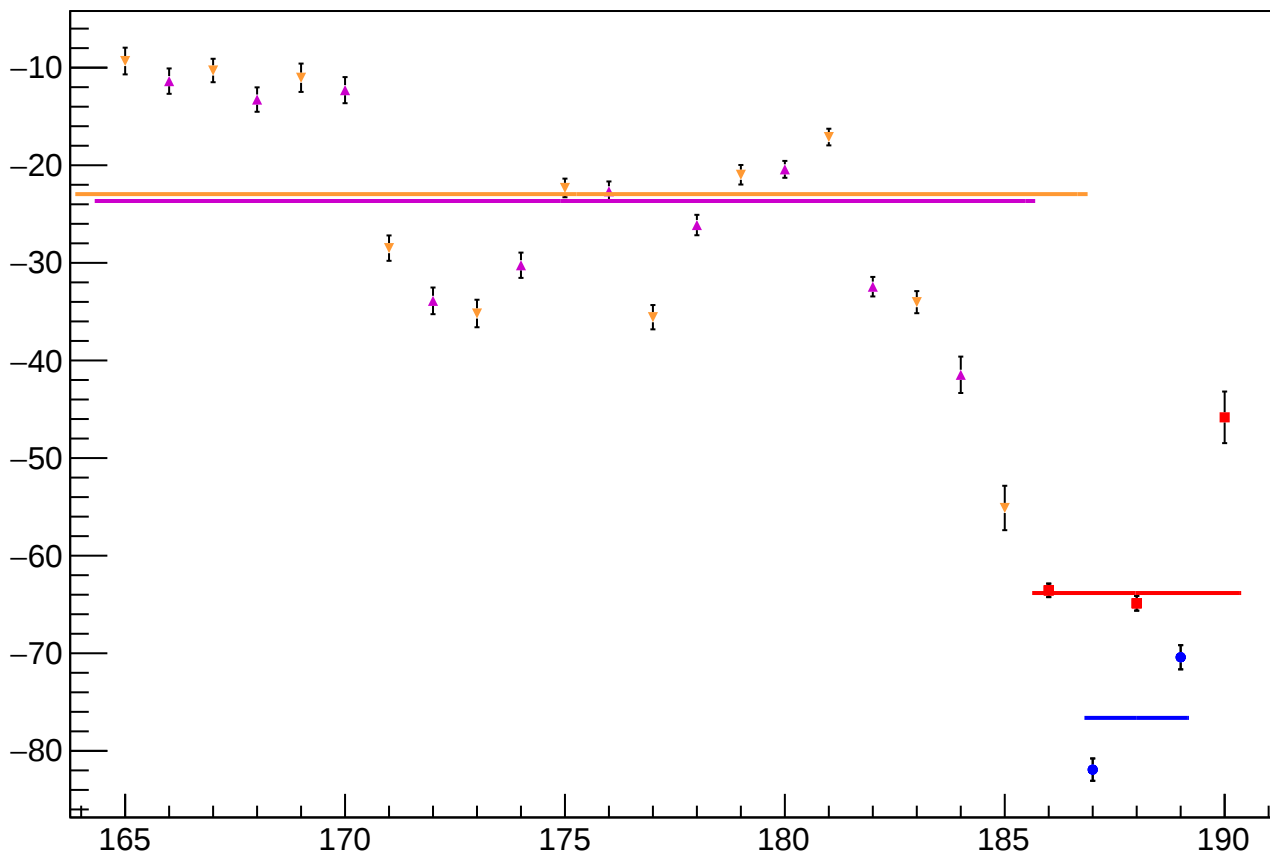
reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 4.160 ± 0.227 χ^2/NDF : 265.4/20
 Right: -5.948 ± 0.510 χ^2/NDF : 37.5/8
 In: 2.961 ± 0.309 χ^2/NDF : 356.1/13
 Out: 2.101 ± 0.280 χ^2/NDF : 270.5/15
 All: 2.487 ± 0.207 χ^2/NDF : 630.8/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



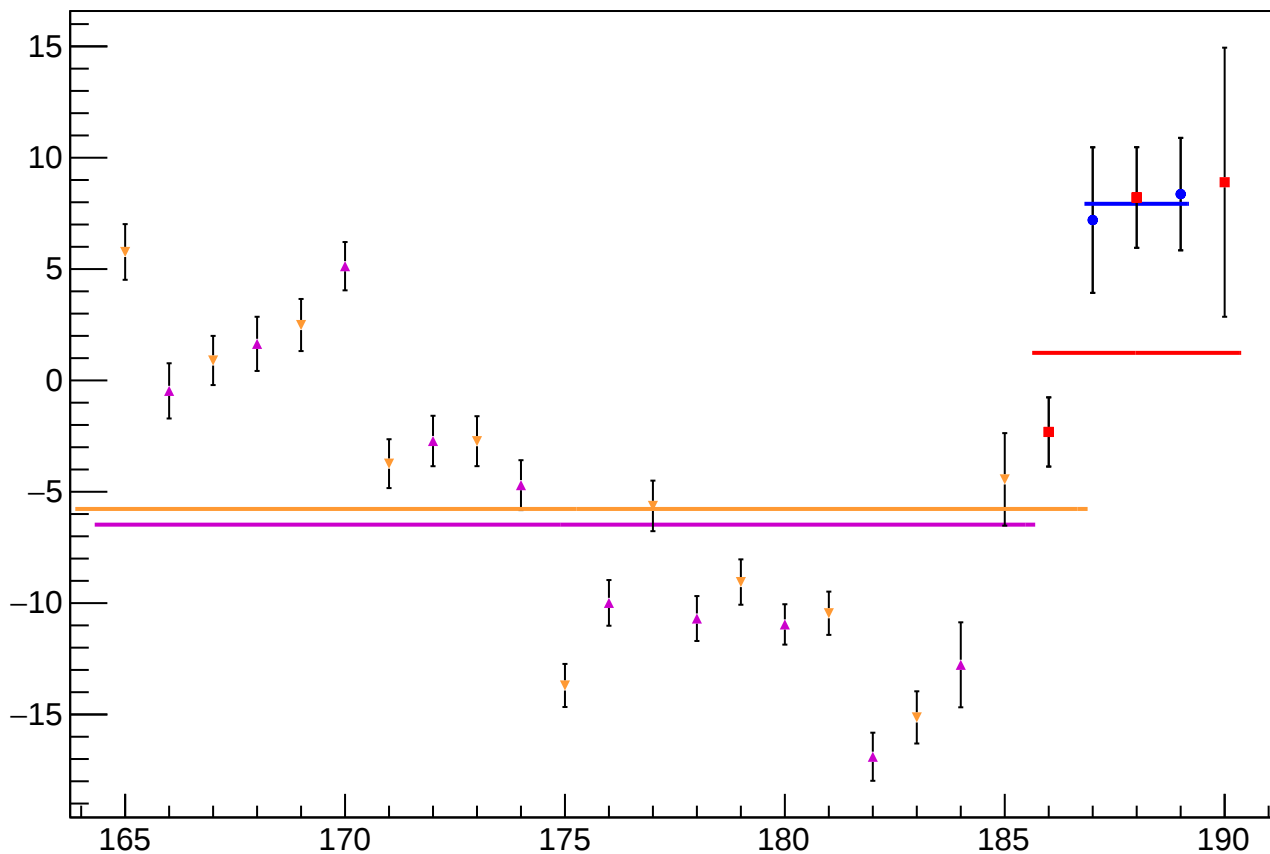
Right In: -76.620 ± 0.594 $\chi^2/\text{NDF}: 93.3/3$
 Left Out: -22.956 ± 0.356 $\chi^2/\text{NDF}: 820.5/10$
 Right Out: -63.827 ± 0.357 $\chi^2/\text{NDF}: 50.6/4$
 Left In: -23.662 ± 0.367 $\chi^2/\text{NDF}: 501.2/9$

Left: -23.299 ± 0.255 $\chi^2/\text{NDF}: 1323.6/20$
 Right: -67.218 ± 0.306 $\chi^2/\text{NDF}: 484.6/8$

In: -38.267 ± 0.312 $\chi^2/\text{NDF}: 6347.5/13$
 Out: -43.354 ± 0.252 $\chi^2/\text{NDF}: 7442.5/15$

All: -41.345 ± 0.196 $\chi^2/\text{NDF}: 13950.8/29$

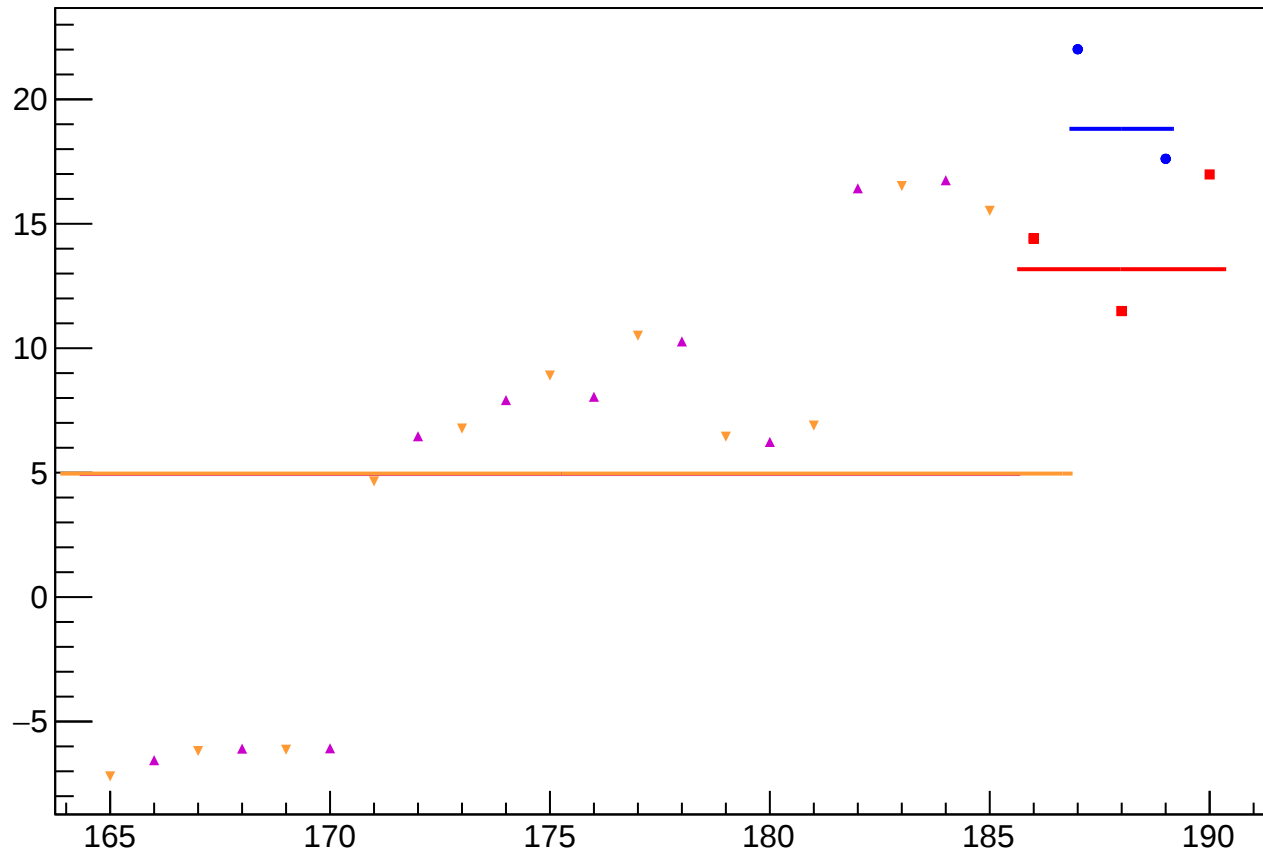
reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.931 ± 1.413 $\chi^2/\text{NDF}: 0.2/3$
 Left Out: -5.771 ± 0.340 $\chi^2/\text{NDF}: 347.2/10$
 Right Out: 1.238 ± 0.895 $\chi^2/\text{NDF}: 31.1/4$
 Left In: -6.476 ± 0.353 $\chi^2/\text{NDF}: 353.6/9$

Left: -6.111 ± 0.245 $\chi^2/\text{NDF}: 702.9/20$
 Right: 3.155 ± 0.756 $\chi^2/\text{NDF}: 47.3/8$
 In: -5.631 ± 0.342 $\chi^2/\text{NDF}: 451.6/13$
 Out: -4.887 ± 0.318 $\chi^2/\text{NDF}: 431.9/15$
 All: -5.232 ± 0.233 $\chi^2/\text{NDF}: 886.1/29$

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 18.816+/-0.068 χ^2/NDF : 822.6/3

Left Out: 4.963+/-0.015 χ^2/NDF : 232870.2/10

Right Out: 13.175+/-0.053 χ^2/NDF : 1090.3/4

Left In: 4.945+/-0.016 χ^2/NDF : 243744.8/9

Left: 4.954+/-0.011 χ^2/NDF : 476615.7/20

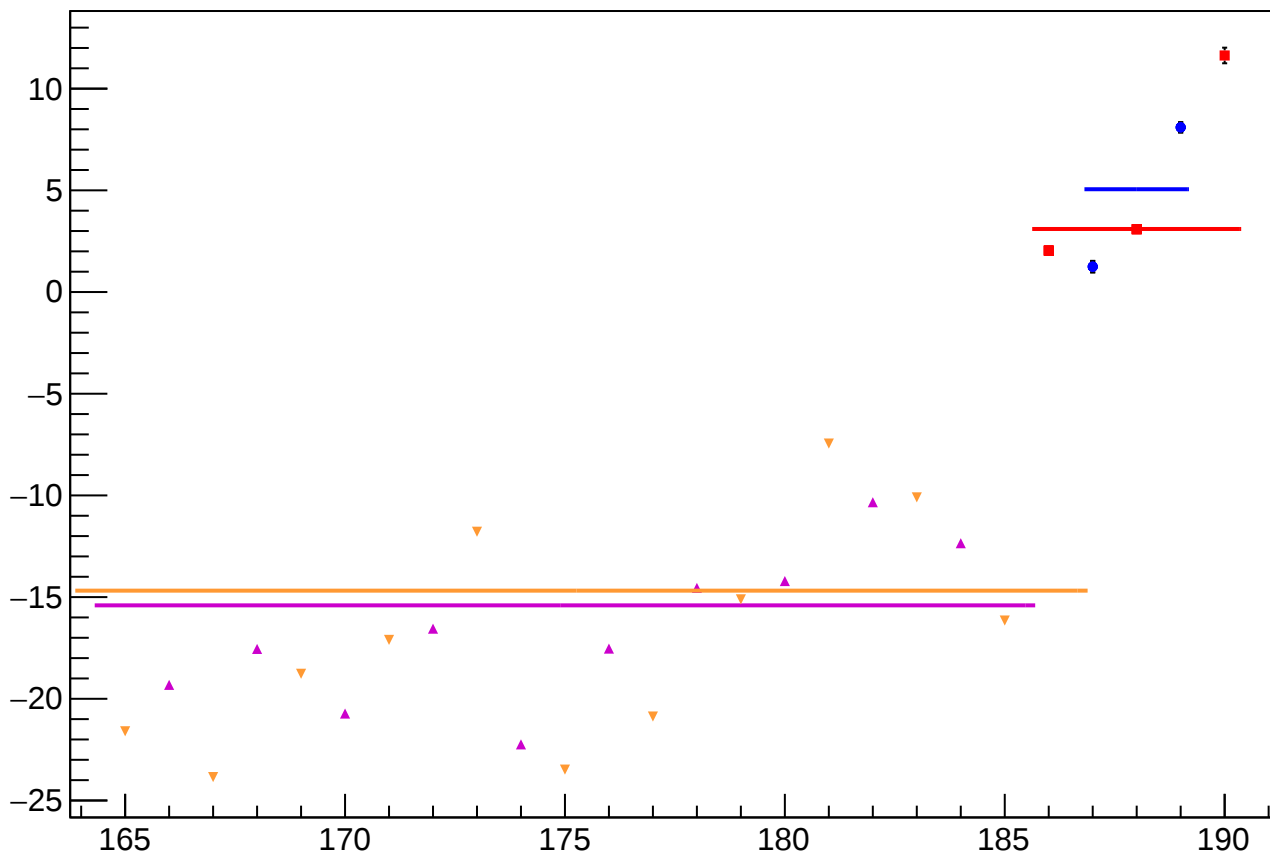
Right: 15.283+/-0.042 χ^2/NDF : 6172.1/8

In: 5.632+/-0.015 χ^2/NDF : 283660.9/13

Out: 5.590+/-0.015 χ^2/NDF : 256279.4/15

All: 5.610+/-0.011 χ^2/NDF : 539944.3/29

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -15.019 ± 0.035 χ^2/NDF : 20331.2/20

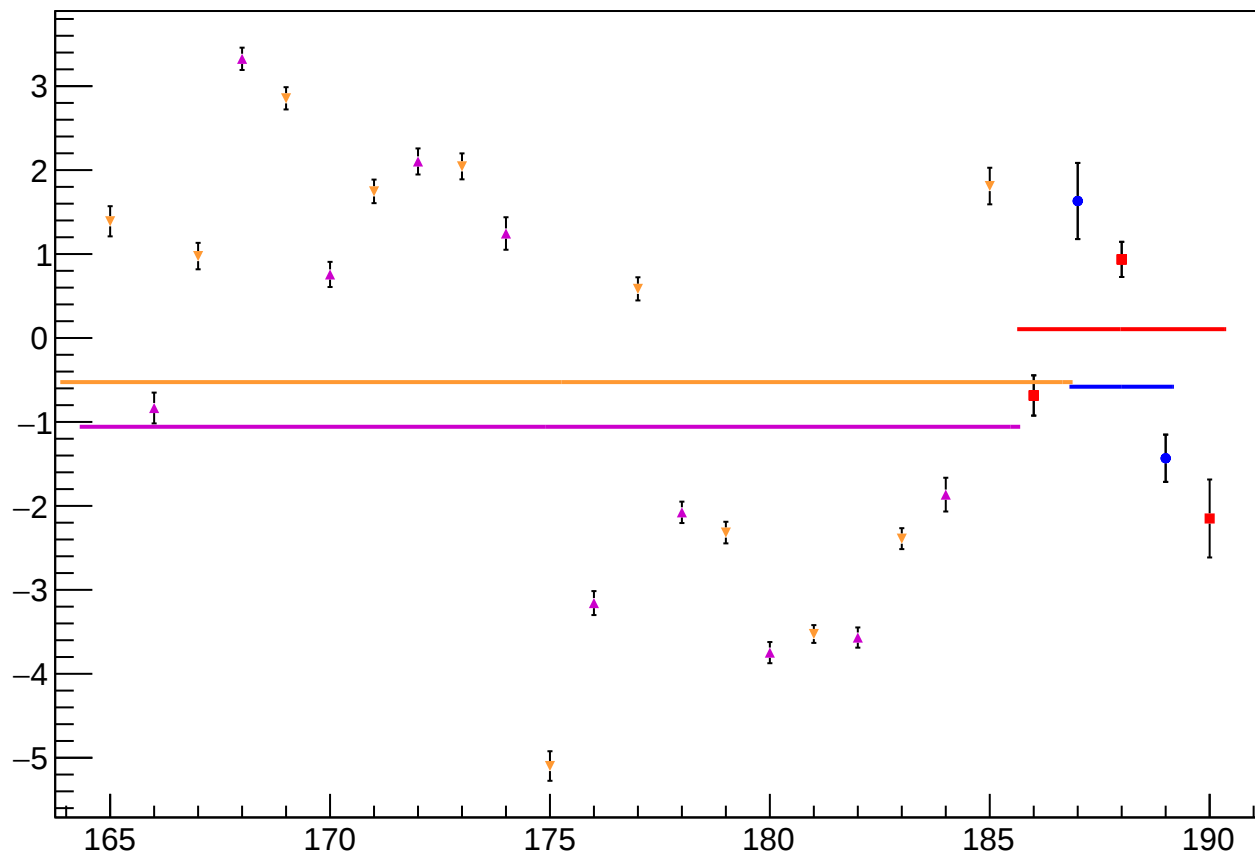
Right: 3.559 ± 0.064 χ^2/NDF : 1376.8/8

In: -12.803 ± 0.047 χ^2/NDF : 26156.4/13

Out: -9.486 ± 0.040 χ^2/NDF : 57446.8/15

All: -10.857 ± 0.030 χ^2/NDF : 86483.3/29

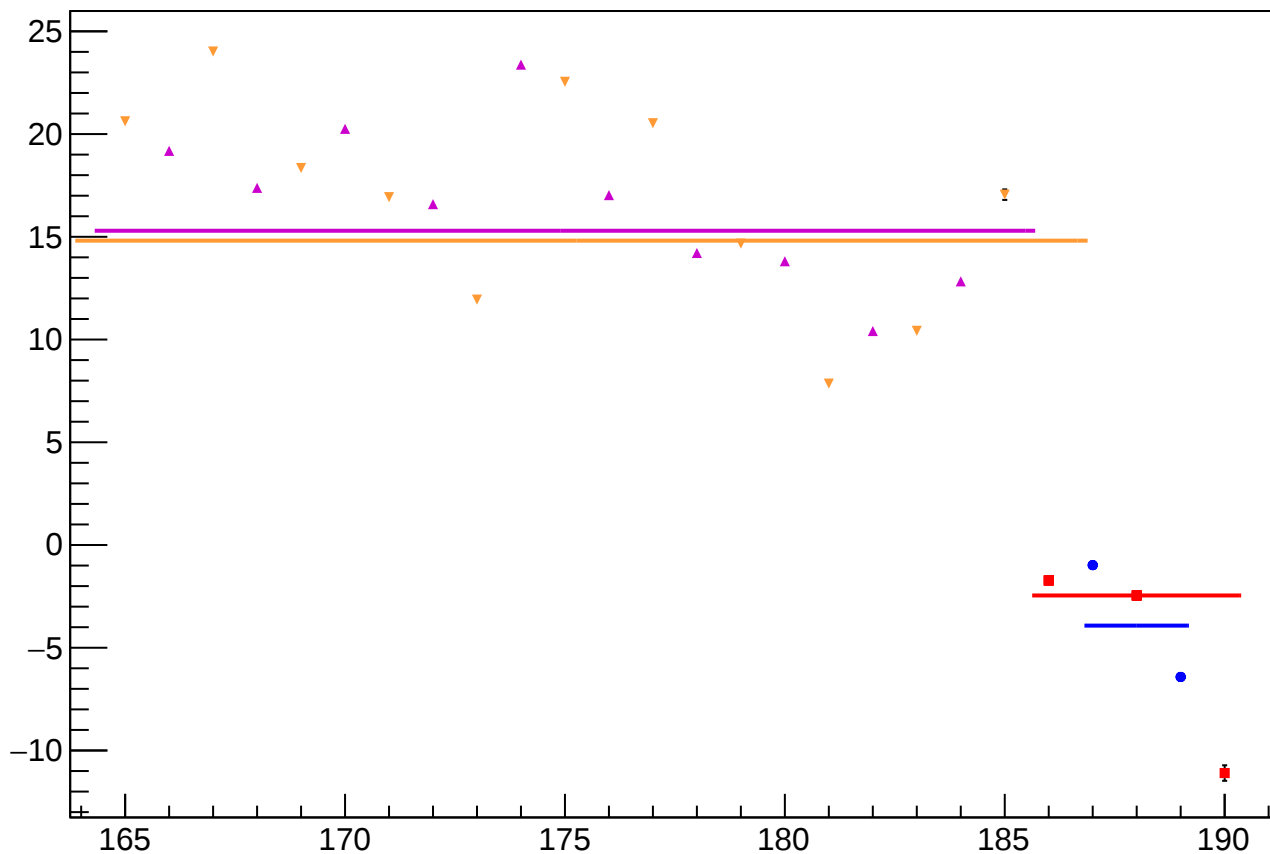
reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -0.772 ± 0.032 χ^2/NDF : 6516.1/20
 Right: -0.095 ± 0.091 χ^2/NDF : 154.4/8
 In: -1.024 ± 0.045 χ^2/NDF : 3052.1/13
 Out: -0.440 ± 0.040 χ^2/NDF : 3572.4/15
 All: -0.700 ± 0.030 χ^2/NDF : 6719.7/29

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 15.037 ± 0.035 χ^2/NDF : 17644.6/20

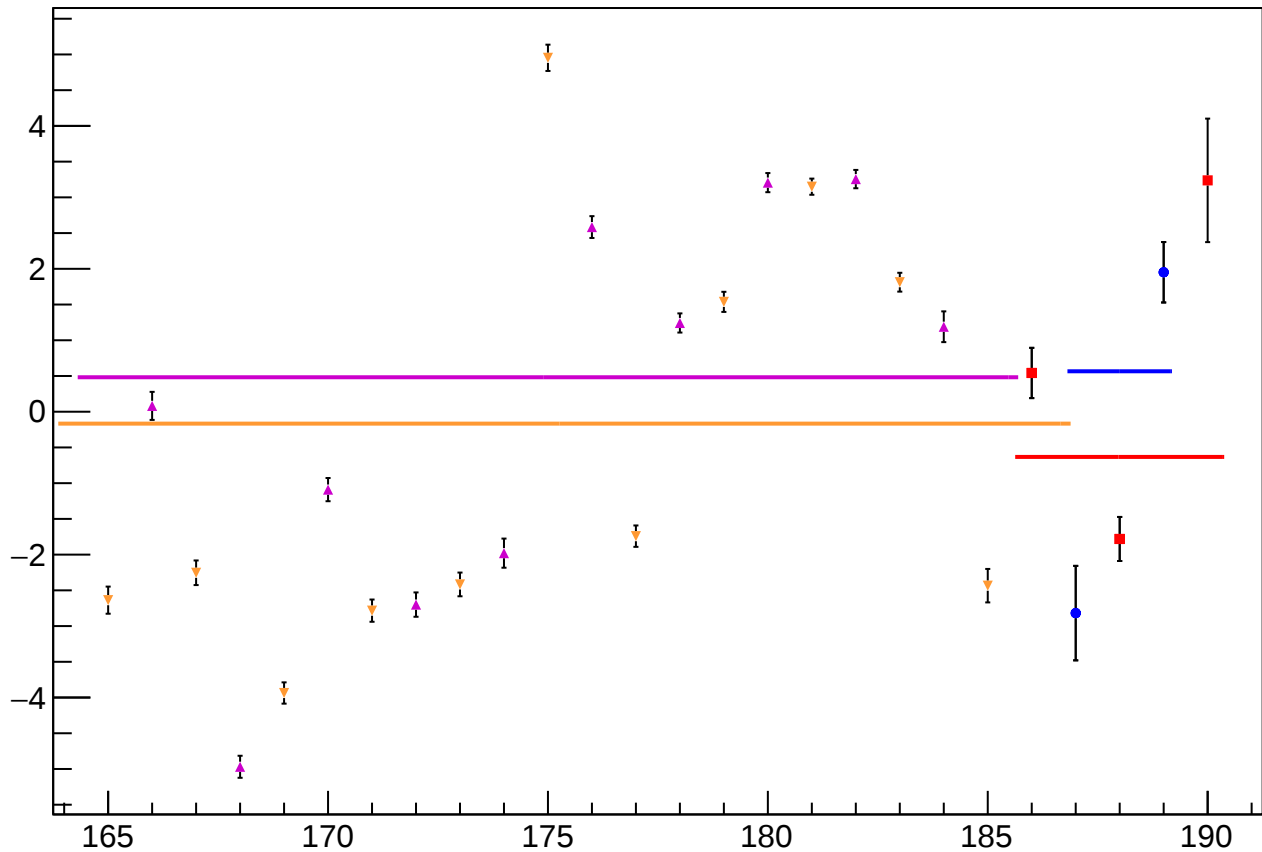
Right: -2.784 ± 0.052 χ^2/NDF : 1302.1/8

In: 11.888 ± 0.047 χ^2/NDF : 29801.0/13

Out: 7.988 ± 0.037 χ^2/NDF : 64621.1/15

All: 9.513 ± 0.029 χ^2/NDF : 98673.5/29

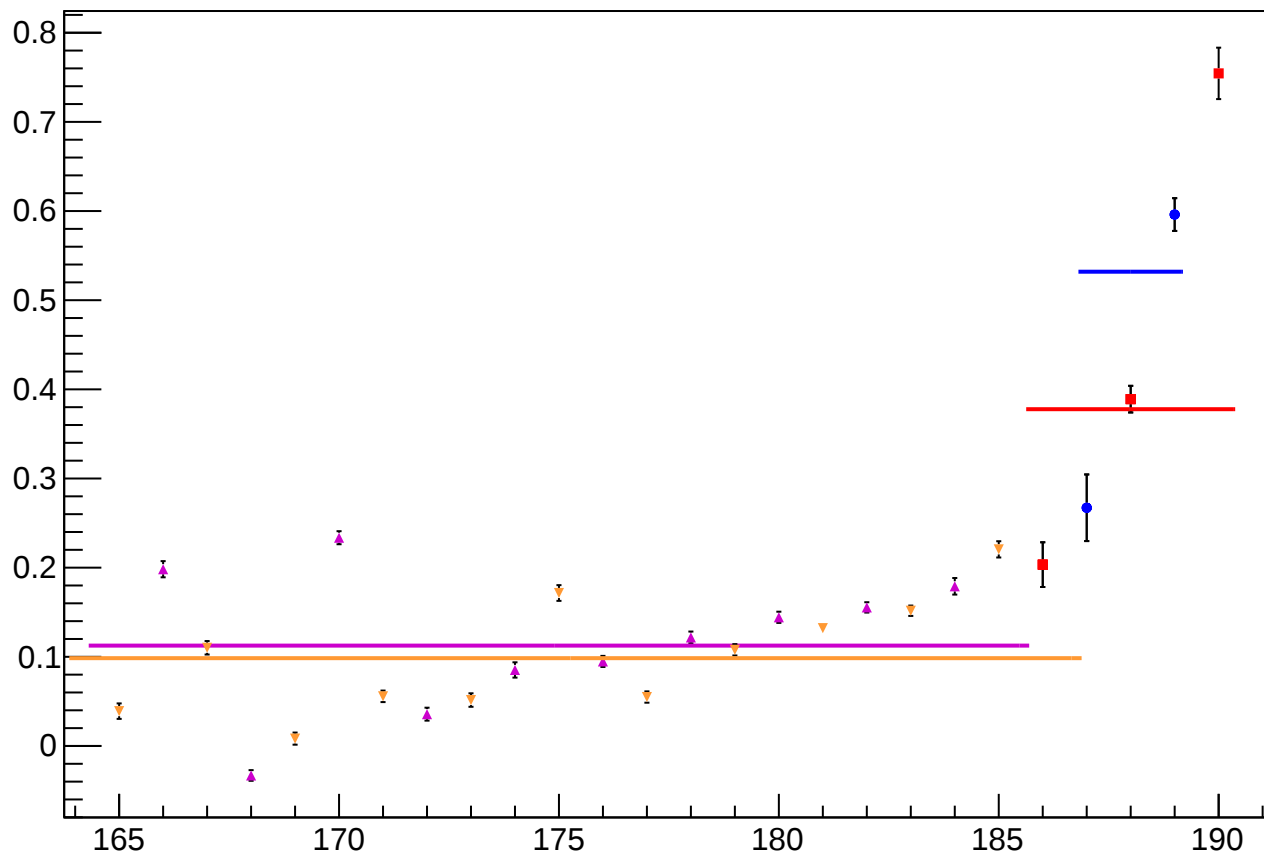
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.566 $\pm$ 0.252 χ^2 /NDF: 73.9/3
 Left Out: -0.167 $\pm$ 0.046 χ^2 /NDF: 3634.6/10
 Right Out: -0.633 $\pm$ 0.161 χ^2 /NDF: 70.1/4
 Left In: 0.482 $\pm$ 0.050 χ^2 /NDF: 2957.0/9

Left: 0.135 $\pm$ 0.034 χ^2 /NDF: 6682.0/20
 Right: -0.285 $\pm$ 0.136 χ^2 /NDF: 160.1/8
 In: 0.485 $\pm$ 0.049 χ^2 /NDF: 3031.0/13
 Out: -0.203 $\pm$ 0.045 χ^2 /NDF: 3712.4/15
 All: 0.110 $\pm$ 0.033 χ^2 /NDF: 6851.1/29

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.532 $\pm$ 0.012 χ^2 /NDF: 124.8/3

Left Out: 0.098 $\pm$ 0.002 χ^2 /NDF: 731.0/10

Right Out: 0.378 $\pm$ 0.009 χ^2 /NDF: 268.3/4

Left In: 0.113 $\pm$ 0.002 χ^2 /NDF: 1218.7/9

Left: 0.105 $\pm$ 0.002 χ^2 /NDF: 1971.6/20

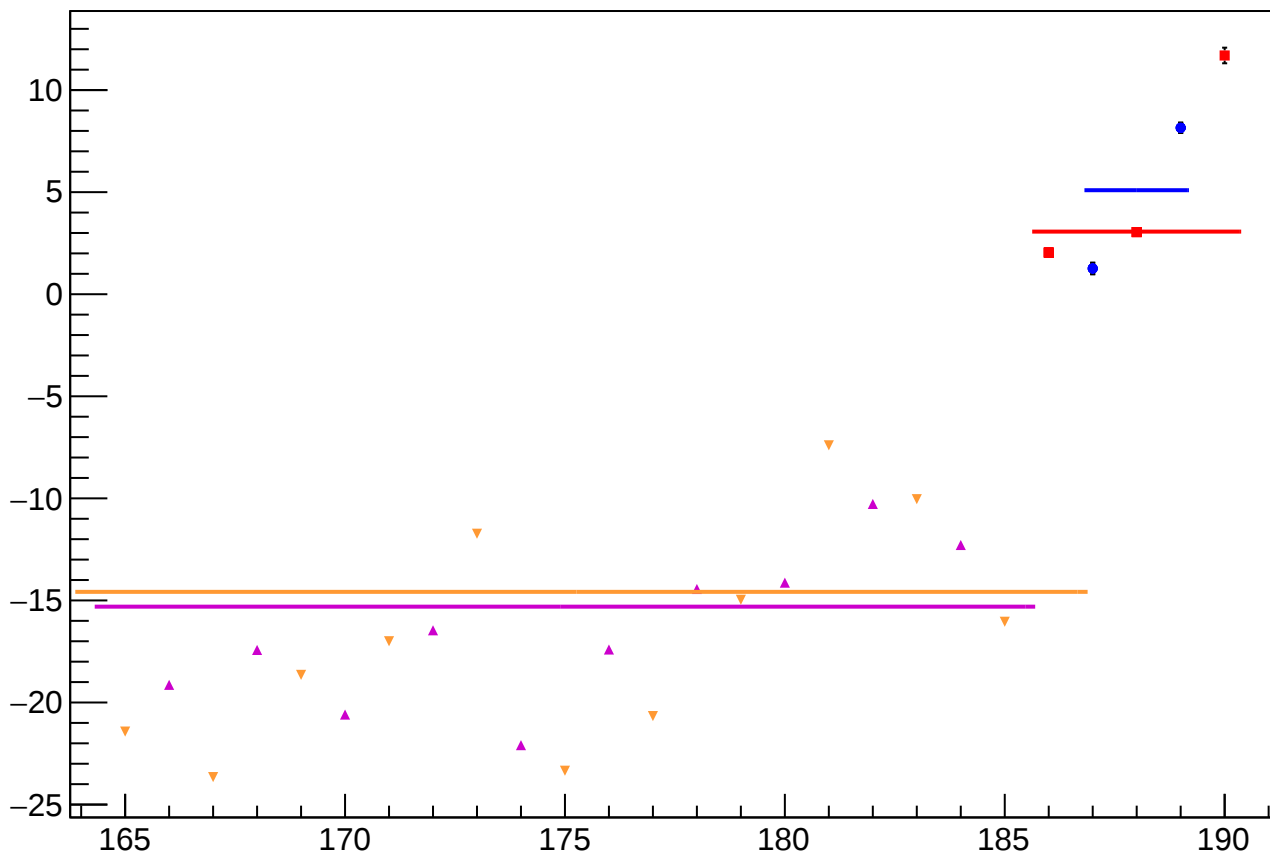
Right: 0.432 $\pm$ 0.007 χ^2 /NDF: 505.9/8

In: 0.127 $\pm$ 0.002 χ^2 /NDF: 2592.4/13

Out: 0.114 $\pm$ 0.002 χ^2 /NDF: 1985.1/15

All: 0.120 $\pm$ 0.001 χ^2 /NDF: 4598.3/29

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.095+/-0.132 χ^2/NDF : 670.7/3

Left Out: -14.580+/-0.047 χ^2/NDF :15411.0/10

Right Out: 3.068+/-0.072 χ^2/NDF : 566.2/4

Left In: -15.305+/-0.050 χ^2/NDF :4748.5/9

Left: -14.917+/-0.034 χ^2/NDF : 20270.8/20

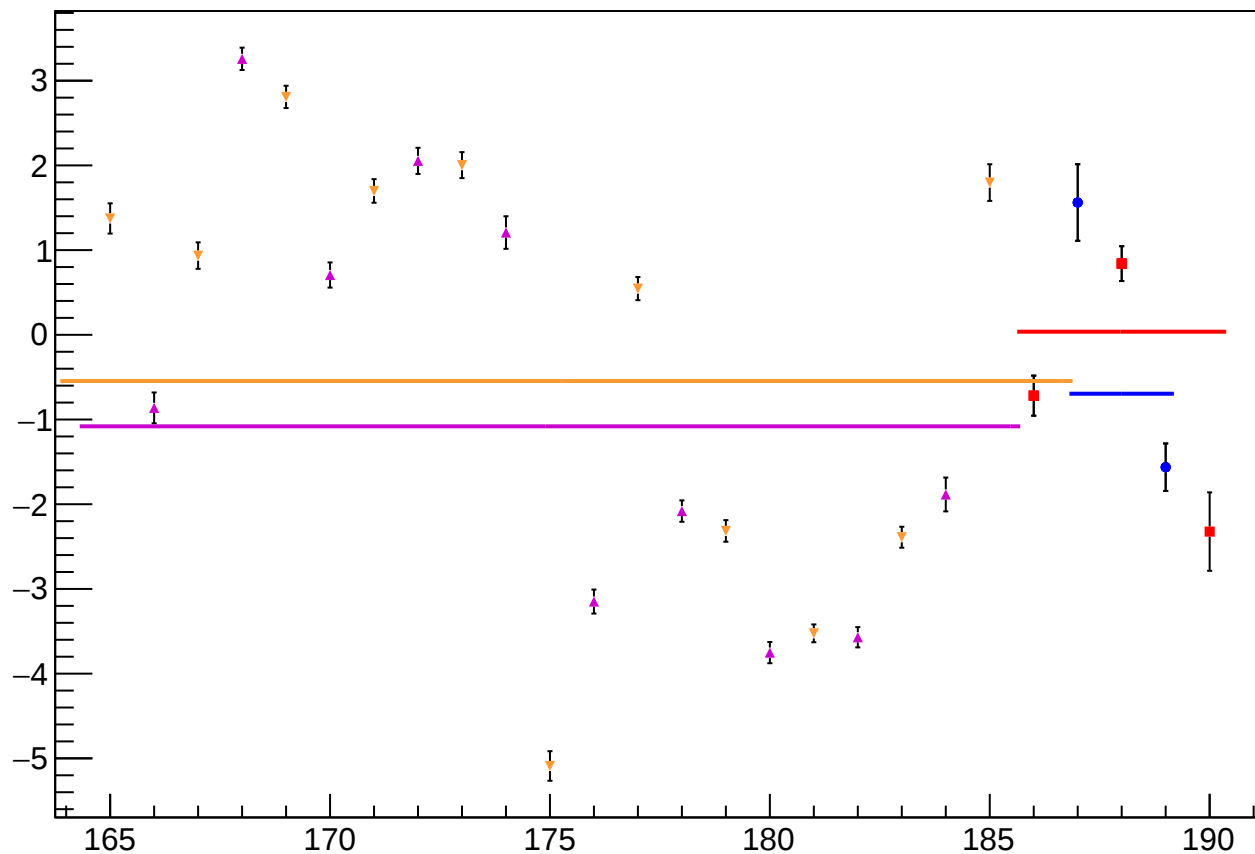
Right: 3.535+/-0.063 χ^2/NDF : 1417.9/8

In: -12.724+/-0.047 χ^2/NDF :26214.9/13

Out: -9.360+/-0.039 χ^2/NDF :57898.9/15

All: -10.745+/-0.030 χ^2/NDF : 87124.2/29

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: -0.793 ± 0.031 χ^2/NDF : 6495.9/20

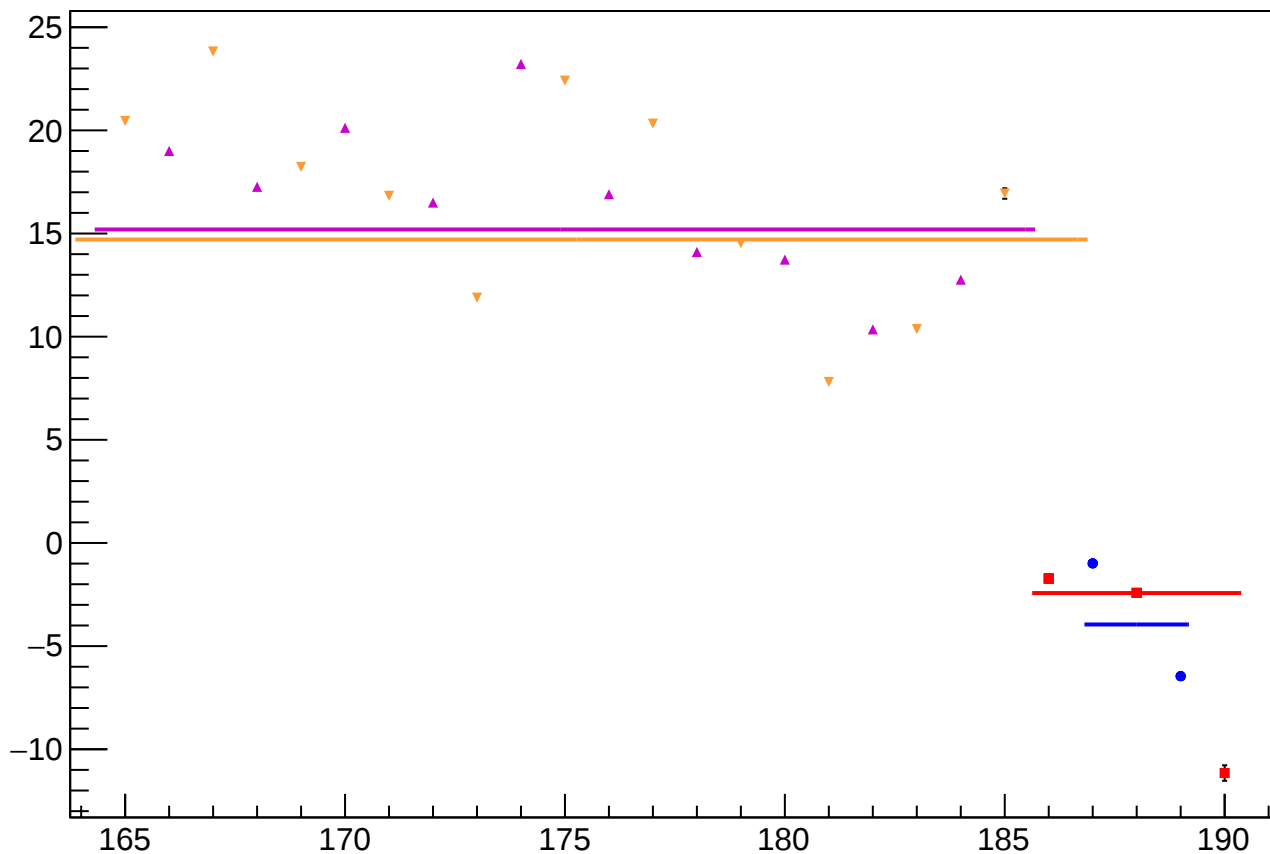
Right: -0.173 ± 0.090 χ^2/NDF : 159.5/8

In: -1.054 ± 0.044 χ^2/NDF : 3036.3/13

Out: -0.465 ± 0.040 χ^2/NDF : 3563.4/15

All: -0.727 ± 0.030 χ^2/NDF : 6697.6/29

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.951 ± 0.110 χ^2/NDF : 608.9/3

Left Out: 14.709 ± 0.048 χ^2/NDF : 13076.1/10

Right Out: -2.428 ± 0.059 χ^2/NDF : 579.4/4

Left In: 15.196 ± 0.051 χ^2/NDF : 4463.0/9

Left: 14.936 ± 0.035 χ^2/NDF : 17587.4/20

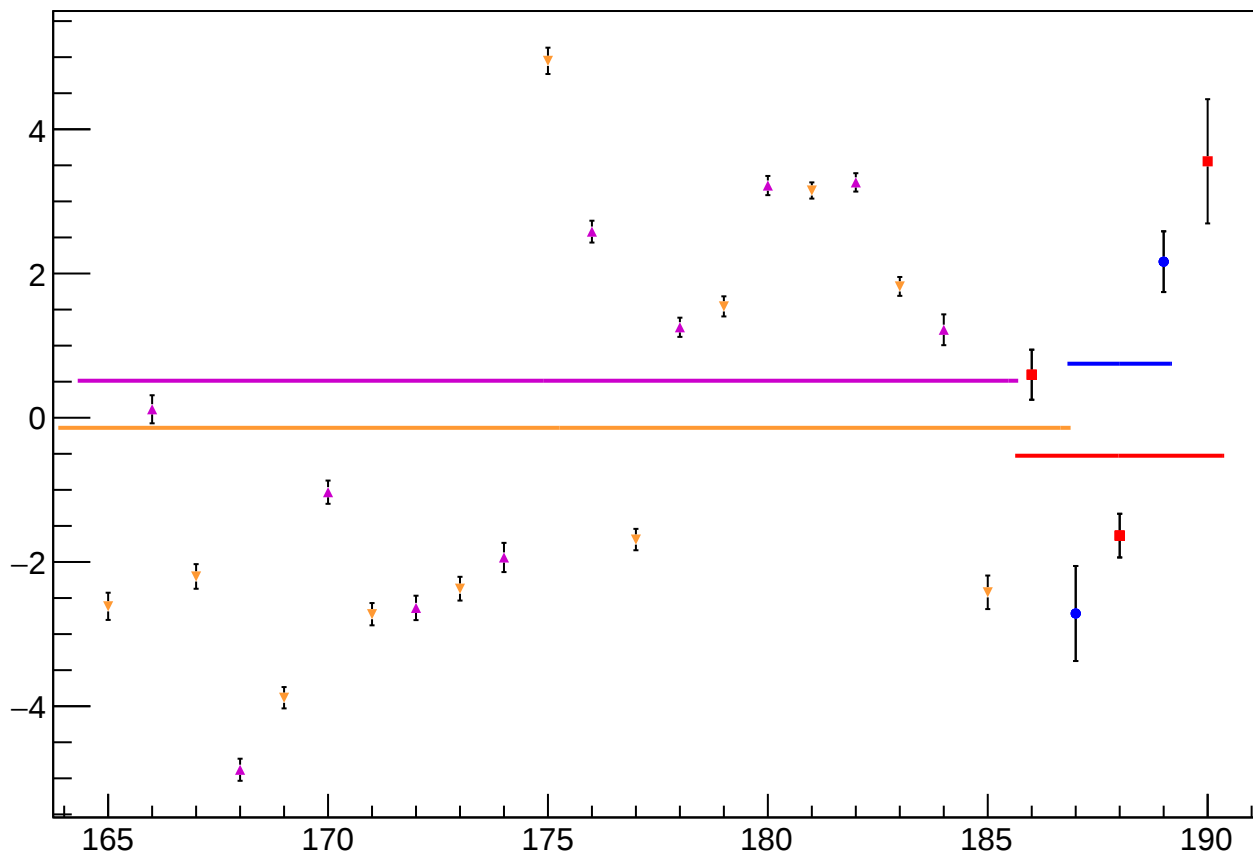
Right: -2.762 ± 0.052 χ^2/NDF : 1336.9/8

In: 11.819 ± 0.046 χ^2/NDF : 29841.4/13

Out: 7.865 ± 0.037 χ^2/NDF : 65109.8/15

All: 9.403 ± 0.029 χ^2/NDF : 99393.7/29

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 2939.2/9$

Left: 0.163 ± 0.034 $\chi^2/\text{NDF}: 6662.4/20$

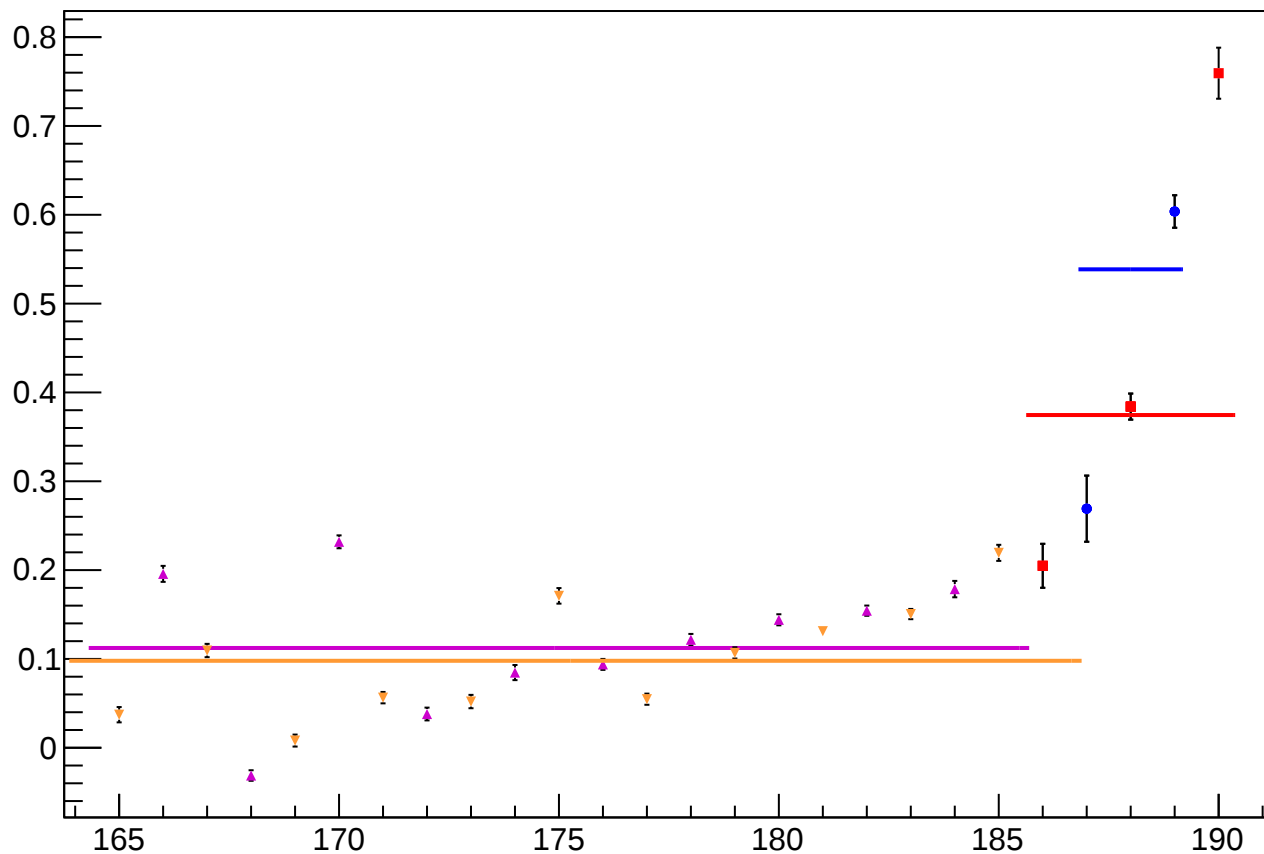
Right: -0.162 ± 0.134 $\chi^2/\text{NDF}: 166.5/8$

In: 0.522 ± 0.049 $\chi^2/\text{NDF}: 3017.9/13$

Out: -0.170 ± 0.044 $\chi^2/\text{NDF}: 3706.0/15$

All: 0.144 ± 0.033 $\chi^2/\text{NDF}: 6834.5/29$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.539 $\pm$ 0.012 χ^2 /NDF: 130.1/3

Left Out: 0.098 $\pm$ 0.002 χ^2 /NDF:732.0/10

Right Out: 0.375 $\pm$ 0.009 χ^2 /NDF: 274.1/4

Left In: 0.112 $\pm$ 0.002 χ^2 /NDF:1198.4/9

Left: 0.105 $\pm$ 0.001 χ^2 /NDF: 1953.6/20

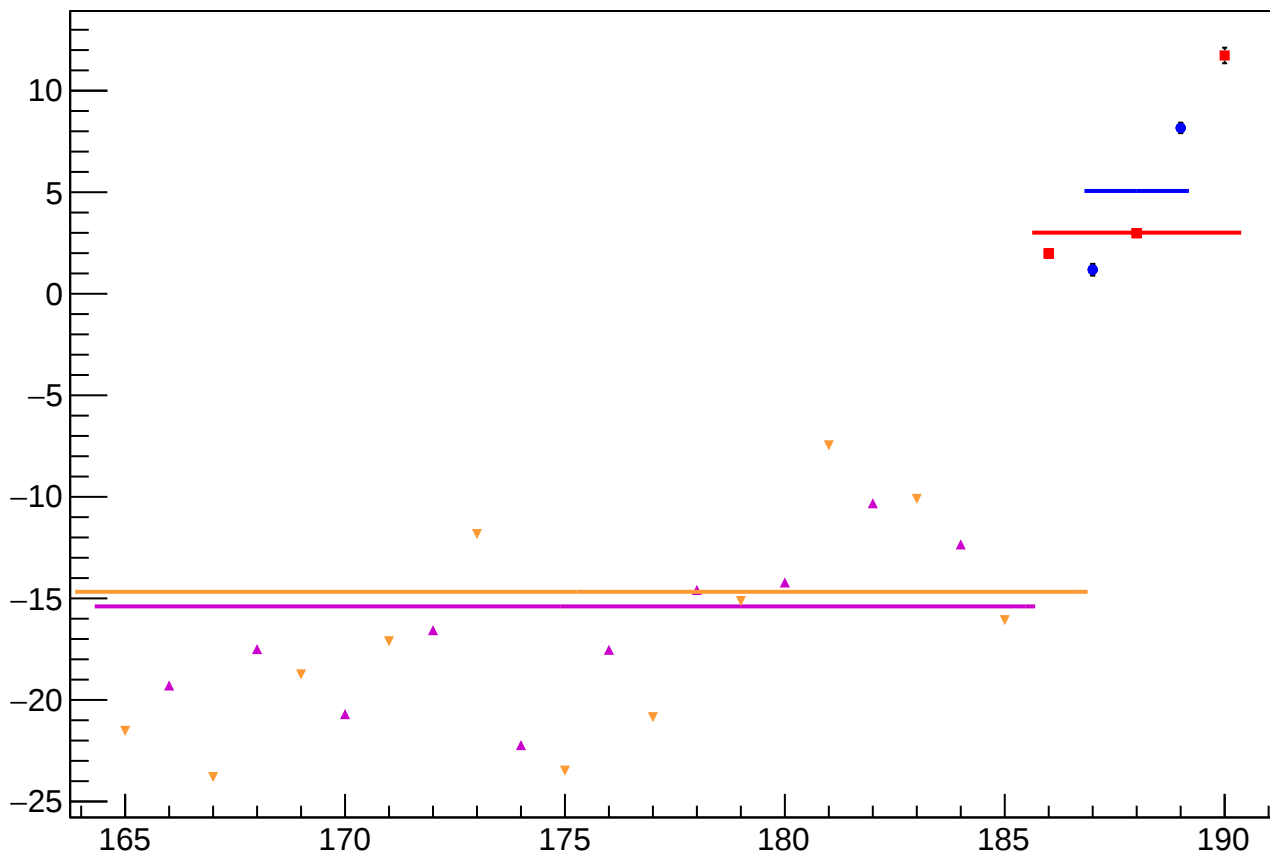
Right: 0.432 $\pm$ 0.007 χ^2 /NDF: 533.8/8

In: 0.127 $\pm$ 0.002 χ^2 /NDF:2629.4/13

Out: 0.113 $\pm$ 0.002 χ^2 /NDF:2002.1/15

All: 0.119 $\pm$ 0.001 χ^2 /NDF: 4654.0/29

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -15.010 ± 0.034 χ^2/NDF : 20339.6/20

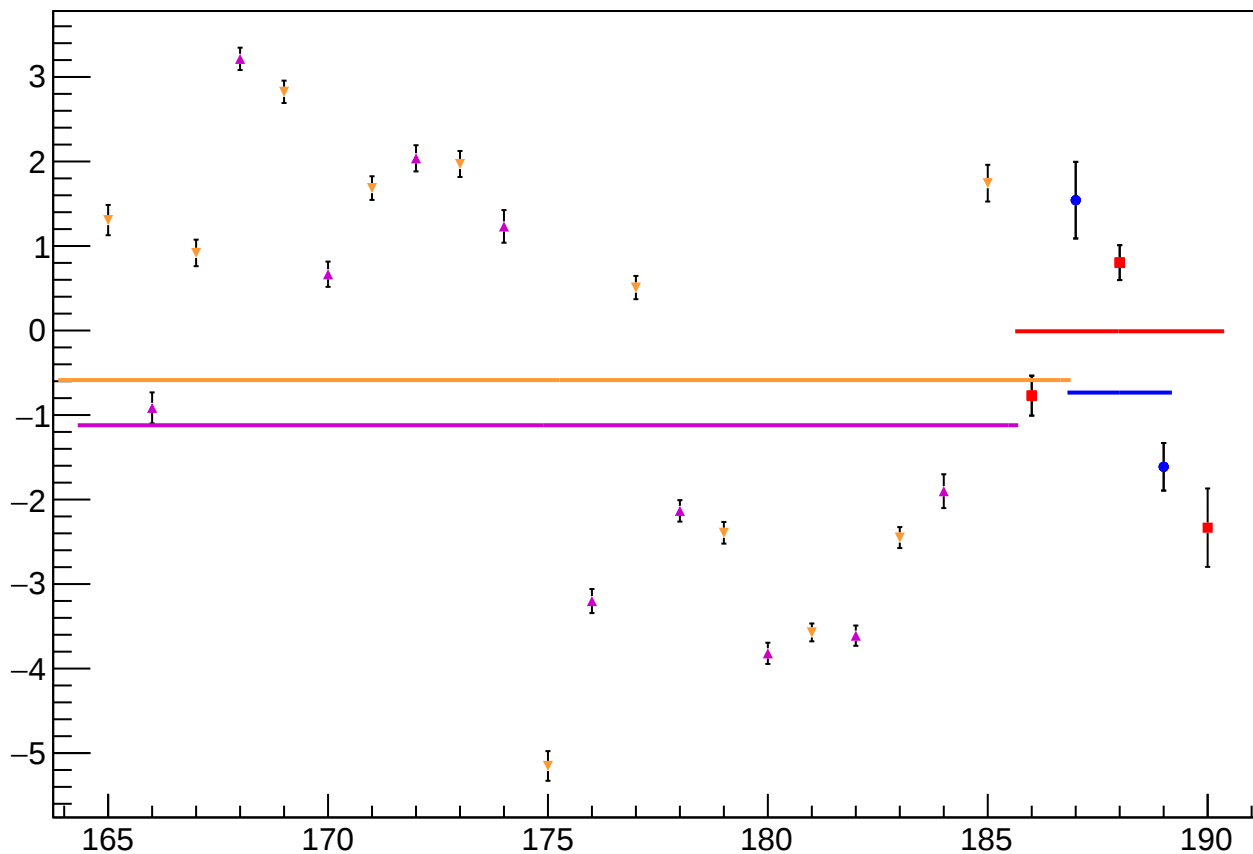
Right: 3.481 ± 0.064 χ^2/NDF : 1441.9/8

In: -12.805 ± 0.047 χ^2/NDF : 26211.1/13

Out: -9.431 ± 0.039 χ^2/NDF : 57878.6/15

All: -10.819 ± 0.030 χ^2/NDF : 87094.6/29

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.734 ± 0.169 χ^2/NDF : 69.9/3

Left Out: -0.586 ± 0.043 χ^2/NDF : 3483.4/10

Right Out: -0.009 ± 0.107 χ^2/NDF : 76.8/4

Left In: -1.121 ± 0.046 χ^2/NDF : 2966.6/9

Left: -0.834 ± 0.031 χ^2/NDF : 6522.0/20

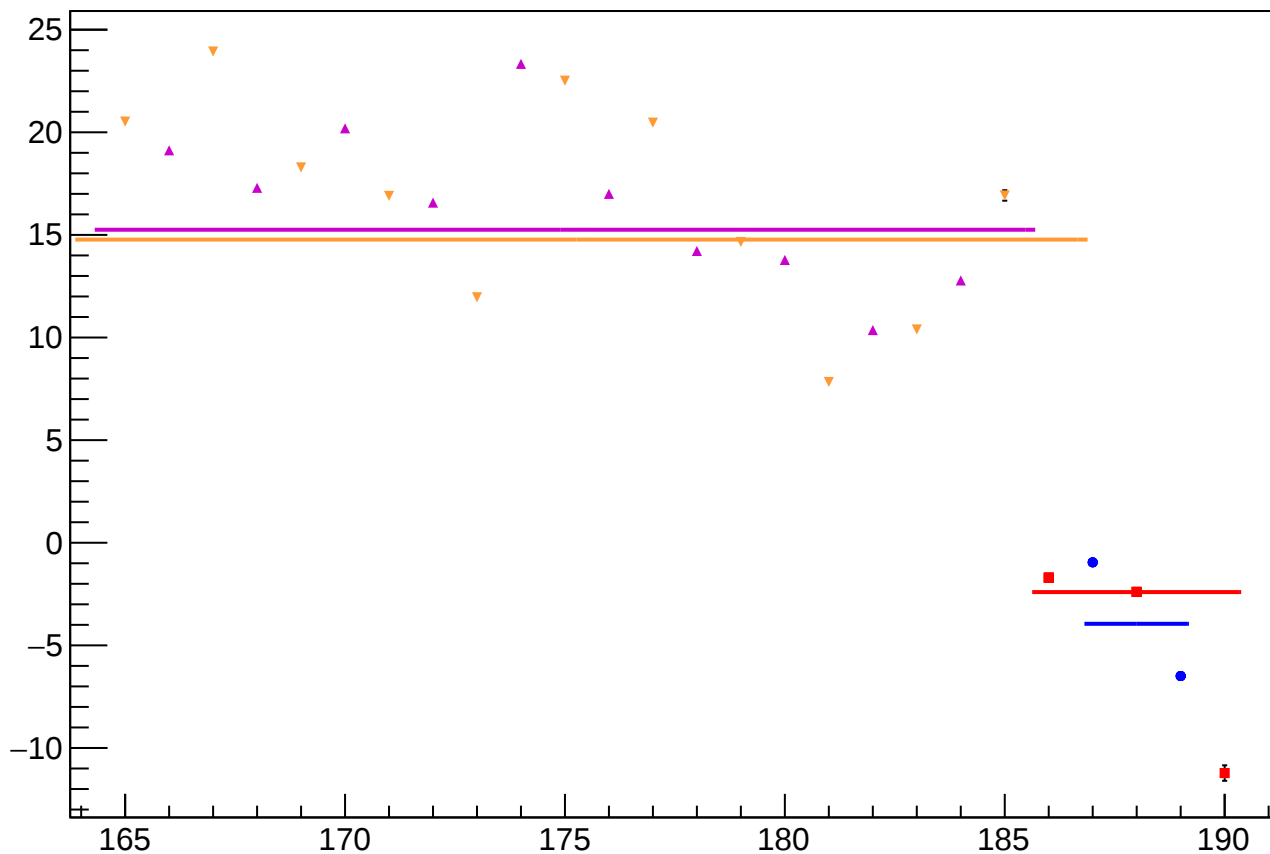
Right: -0.216 ± 0.090 χ^2/NDF : 159.9/8

In: -1.094 ± 0.045 χ^2/NDF : 3041.4/13

Out: -0.506 ± 0.040 χ^2/NDF : 3585.4/15

All: -0.767 ± 0.030 χ^2/NDF : 6723.5/29

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 14.996 ± 0.035 χ^2/NDF : 17650.8/20

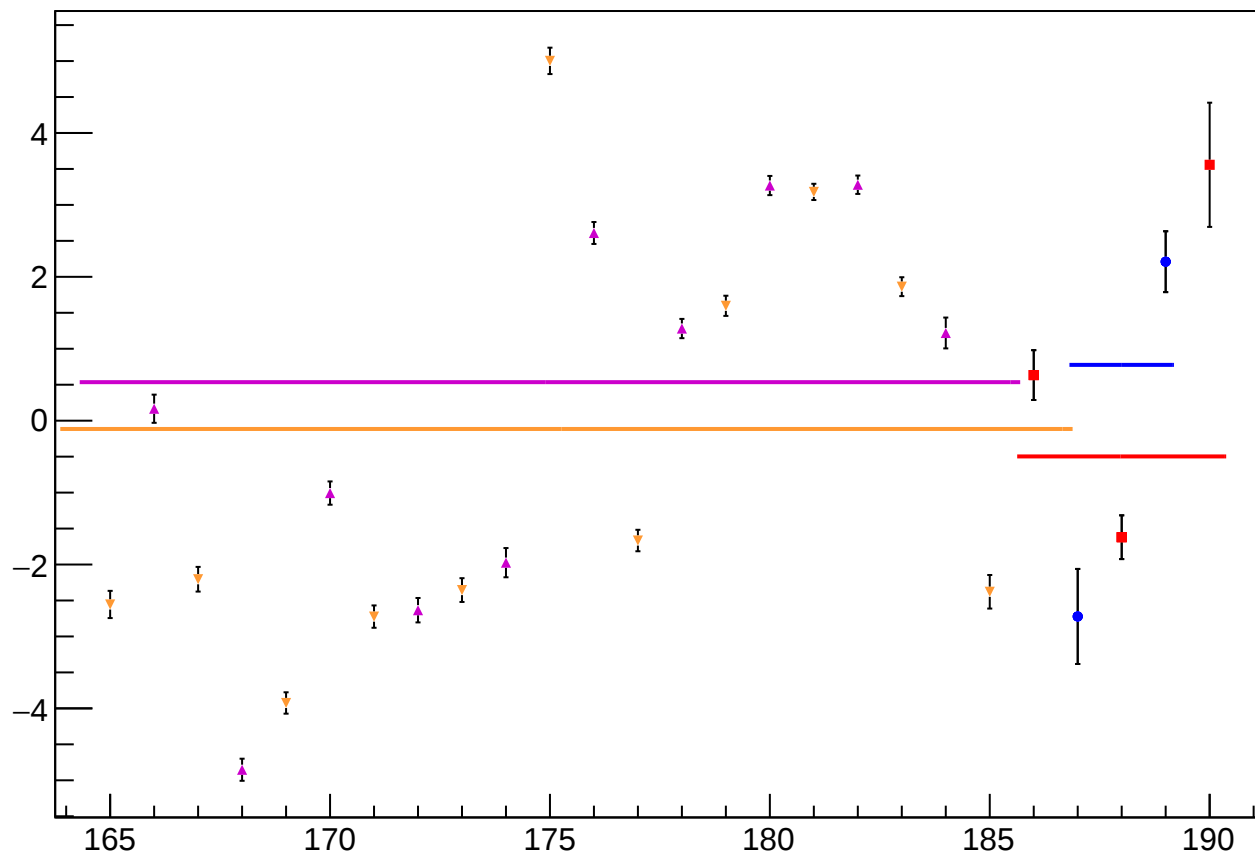
Right: -2.742 ± 0.052 χ^2/NDF : 1359.9/8

In: 11.865 ± 0.047 χ^2/NDF : 29824.0/13

Out: 7.896 ± 0.037 χ^2/NDF : 65054.6/15

All: 9.439 ± 0.029 χ^2/NDF : 99319.8/29

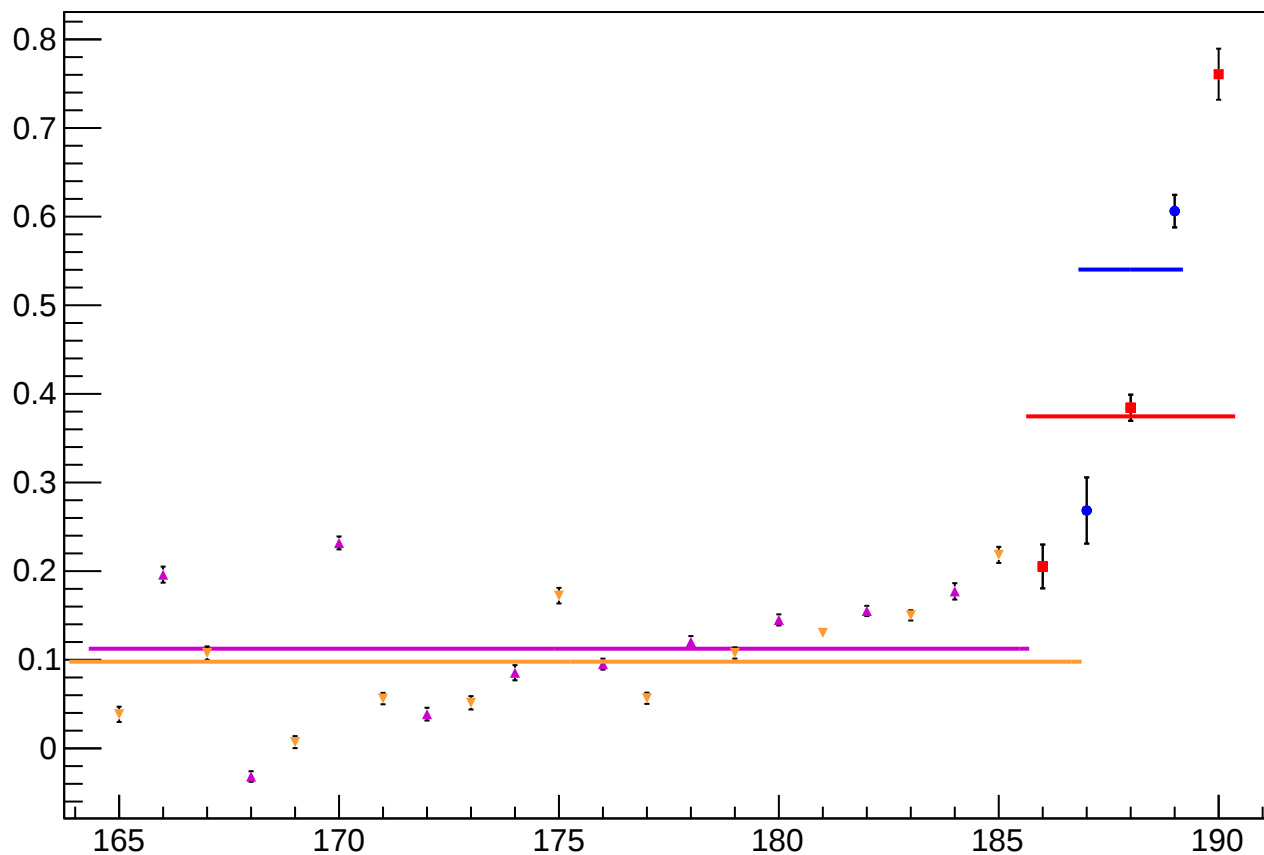
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.776 ± 0.252 $\chi^2/\text{NDF}: 79.0/3$
 Left Out: -0.115 ± 0.046 $\chi^2/\text{NDF}: 3647.8/10$
 Right Out: -0.497 ± 0.159 $\chi^2/\text{NDF}: 70.6/4$
 Left In: 0.536 ± 0.050 $\chi^2/\text{NDF}: 2934.5/9$

Left: 0.187 ± 0.034 $\chi^2/\text{NDF}: 6673.9/20$
 Right: -0.135 ± 0.134 $\chi^2/\text{NDF}: 167.9/8$
 In: 0.545 ± 0.049 $\chi^2/\text{NDF}: 3014.4/13$
 Out: -0.145 ± 0.044 $\chi^2/\text{NDF}: 3723.8/15$
 All: 0.168 ± 0.033 $\chi^2/\text{NDF}: 6847.2/29$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.105 $\pm$ 0.002 χ^2 /NDF: 1936.0/20

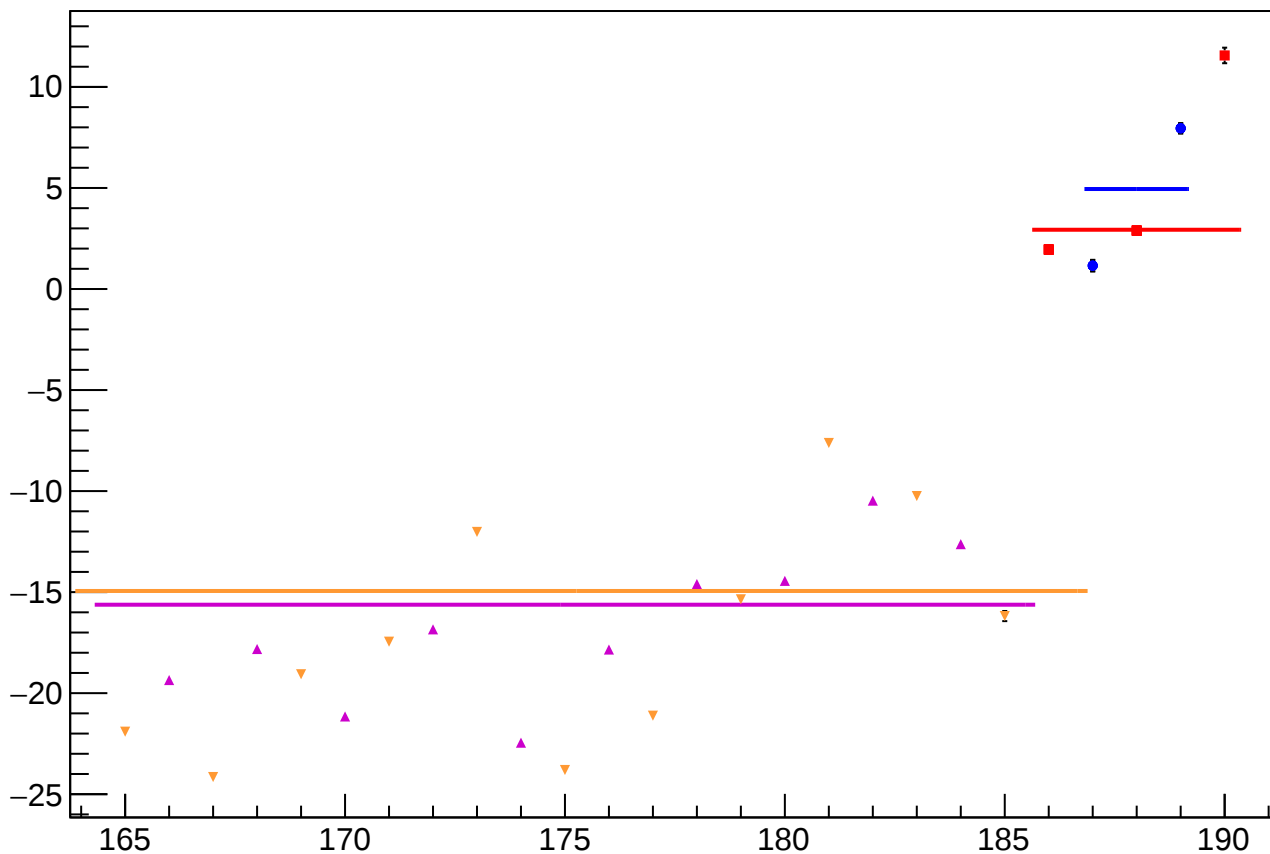
Right: 0.433 $\pm$ 0.007 χ^2 /NDF: 537.3/8

In: 0.127 $\pm$ 0.002 χ^2 /NDF: 2622.2/13

Out: 0.113 $\pm$ 0.002 χ^2 /NDF: 1986.4/15

All: 0.119 $\pm$ 0.001 χ^2 /NDF: 4631.6/29

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: -15.260 $\pm$ 0.035 χ^2 /NDF: 19793.9/20

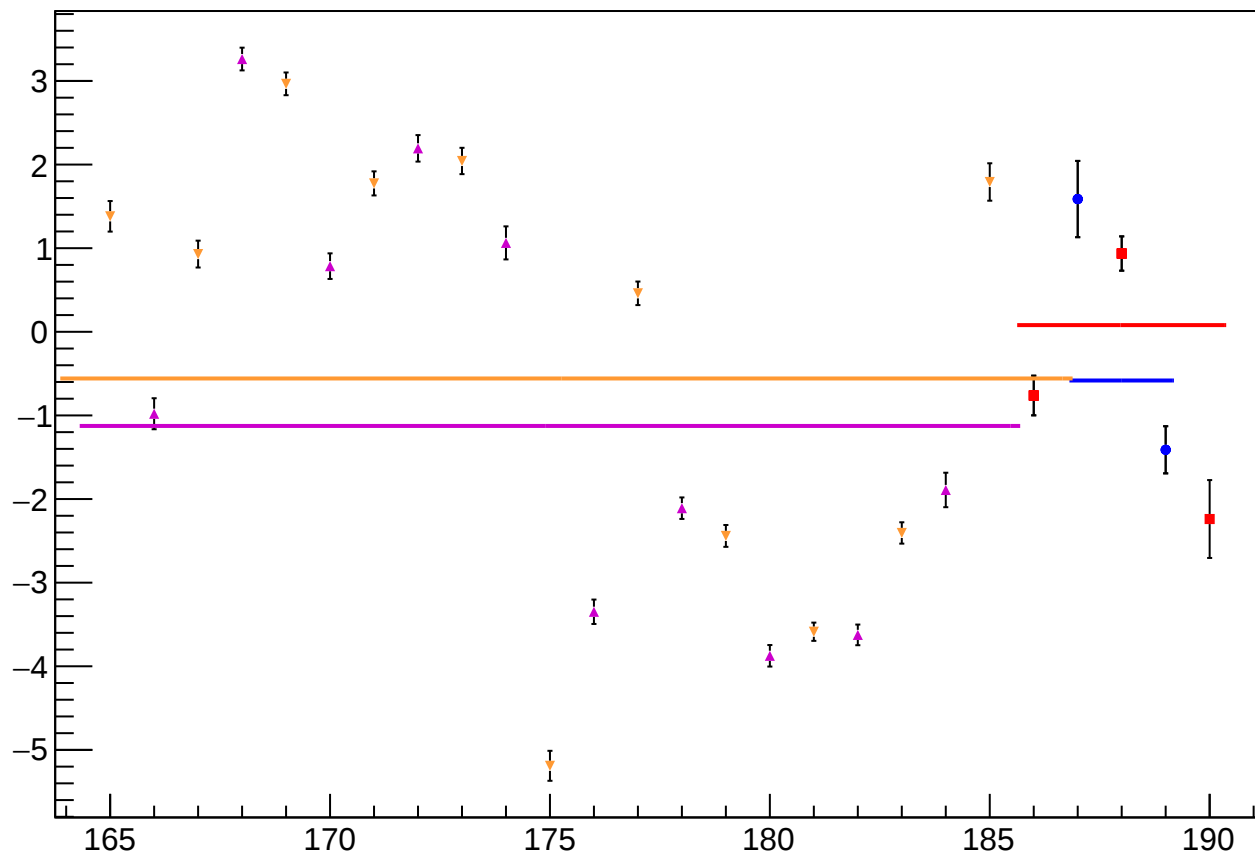
Right: 3.391 $\pm$ 0.064 χ^2 /NDF: 1373.1/8

In: -12.929 $\pm$ 0.048 χ^2 /NDF:26041.8/13

Out: -9.424 $\pm$ 0.040 χ^2 /NDF:57862.8/15

All: -10.860 $\pm$ 0.031 χ^2 /NDF: 87025.0/29

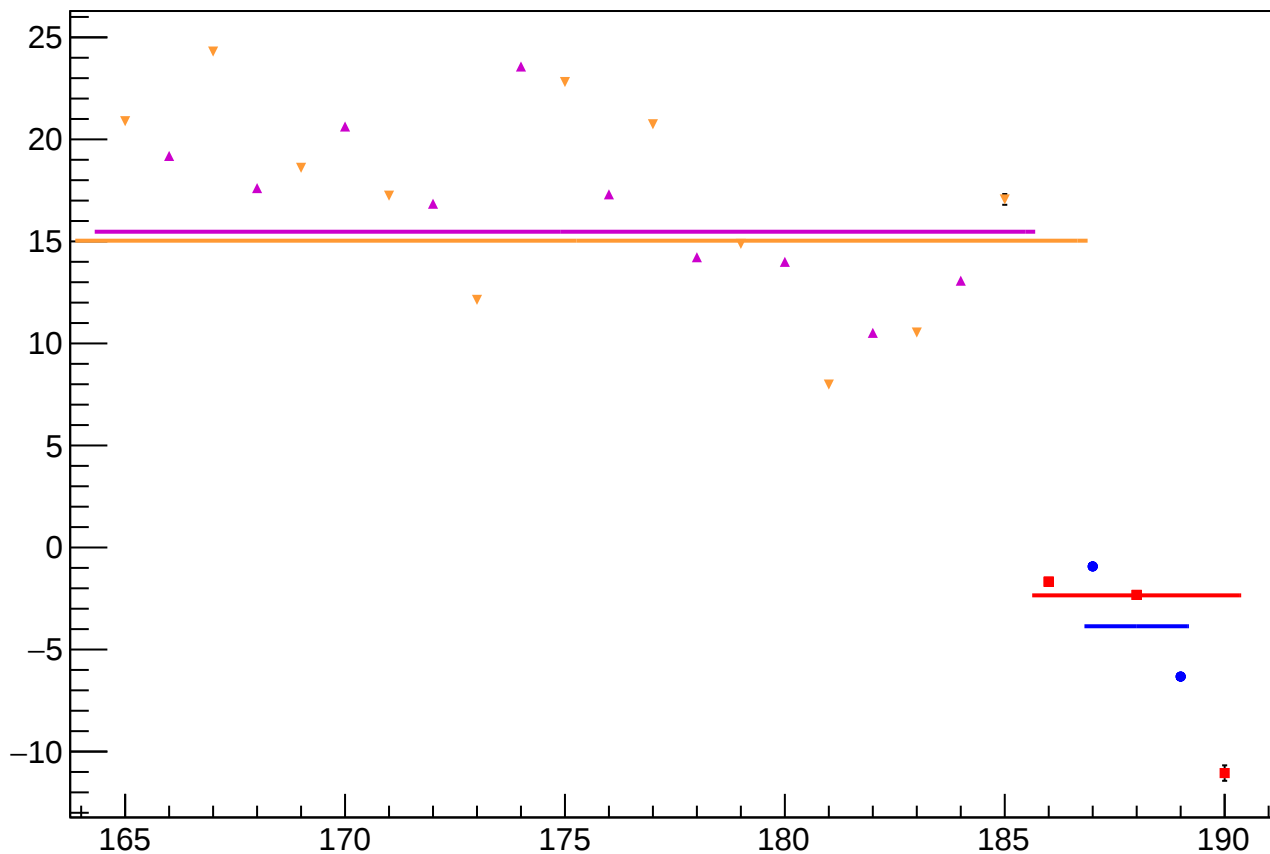
reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.582 ± 0.170 χ^2/NDF : 62.5/3
 Left Out: -0.558 ± 0.044 χ^2/NDF : 3424.9/10
 Right Out: 0.080 ± 0.107 χ^2/NDF : 84.8/4
 Left In: -1.126 ± 0.047 χ^2/NDF : 2929.9/9

Left: -0.822 ± 0.032 χ^2/NDF : 6432.2/20
 Right: -0.108 ± 0.090 χ^2/NDF : 158.3/8
 In: -1.087 ± 0.046 χ^2/NDF : 3002.0/13
 Out: -0.466 ± 0.041 χ^2/NDF : 3540.3/15
 All: -0.741 ± 0.030 χ^2/NDF : 6645.8/29

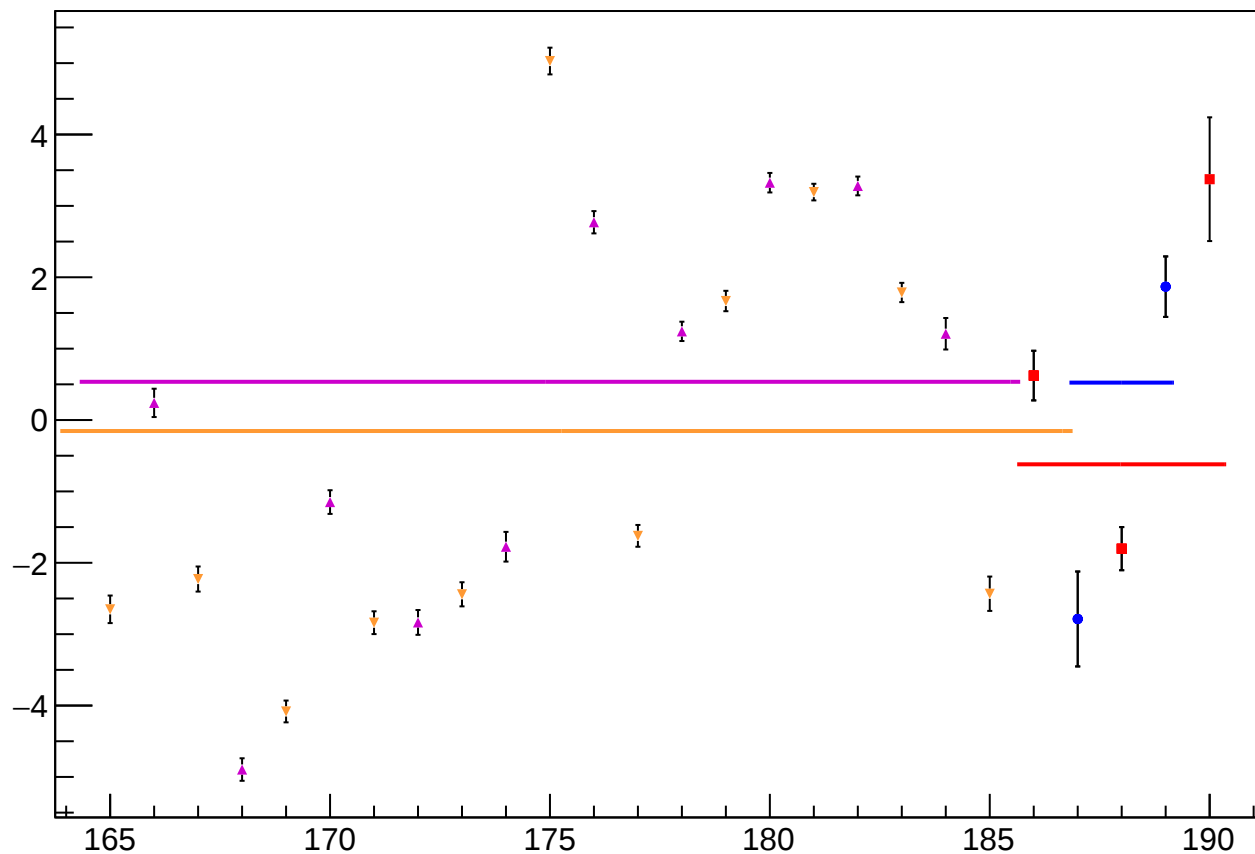
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 4397.1/9$

Left: 15.241 ± 0.036 $\chi^2/\text{NDF}: 17204.4/20$
 Right: -2.674 ± 0.052 $\chi^2/\text{NDF}: 1296.0/8$
 In: 11.952 ± 0.047 $\chi^2/\text{NDF}: 29690.7/13$
 Out: 7.835 ± 0.038 $\chi^2/\text{NDF}: 65033.9/15$
 All: 9.425 ± 0.030 $\chi^2/\text{NDF}: 99340.3/29$

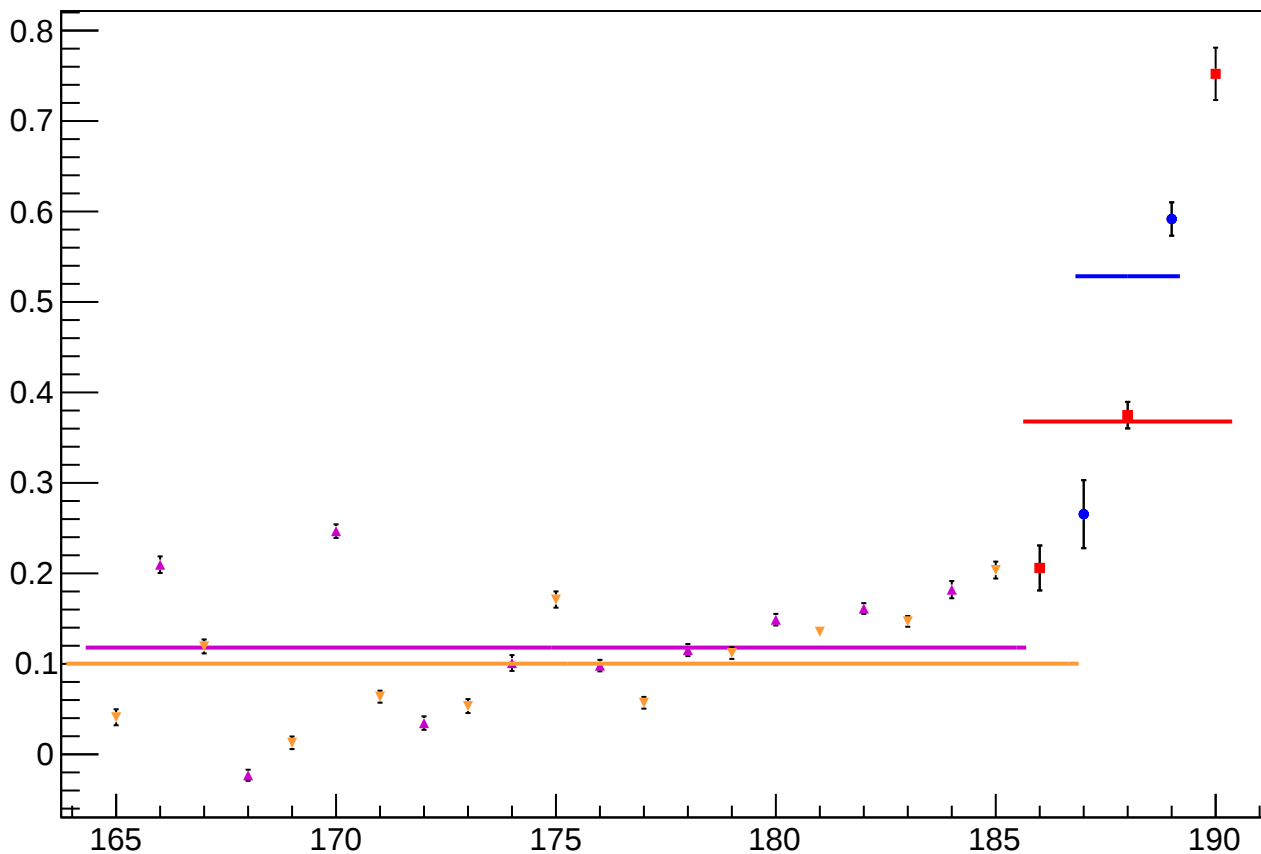
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.167 ± 0.035 χ^2/NDF : 6561.4/20
 Right: -0.297 ± 0.134 χ^2/NDF : 161.8/8
 In: 0.535 ± 0.050 χ^2/NDF : 2953.4/13
 Out: -0.192 ± 0.046 χ^2/NDF : 3665.0/15
 All: 0.138 ± 0.034 χ^2/NDF : 6734.4/29

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.528 $\pm$ 0.012 χ^2 /NDF: 121.5/3

Left Out: 0.100 $\pm$ 0.002 χ^2 /NDF:613.6/10

Right Out: 0.368 $\pm$ 0.009 χ^2 /NDF: 262.0/4

Left In: 0.118 $\pm$ 0.002 χ^2 /NDF:1188.5/9

Left: 0.109 $\pm$ 0.002 χ^2 /NDF: 1835.2/20

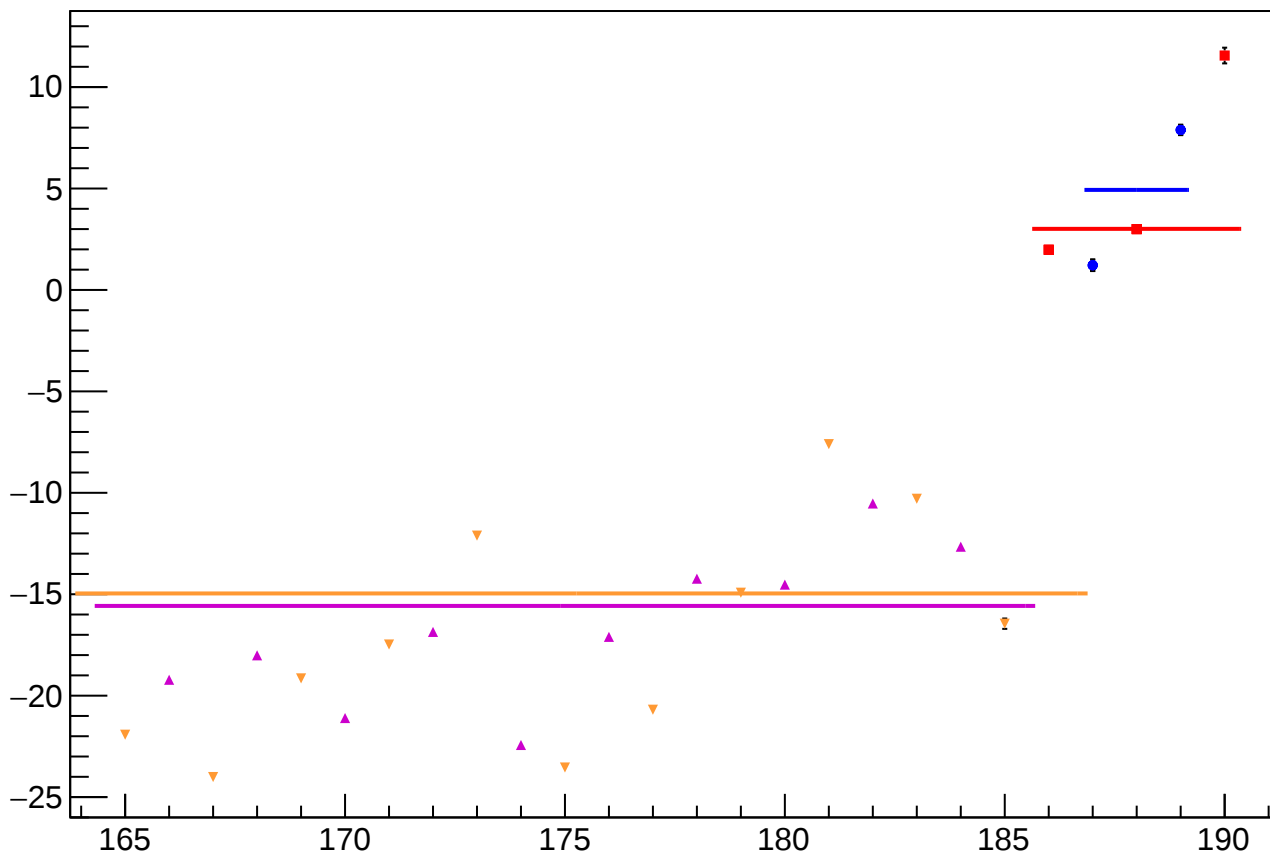
Right: 0.424 $\pm$ 0.007 χ^2 /NDF: 506.5/8

In: 0.133 $\pm$ 0.002 χ^2 /NDF:2497.0/13

Out: 0.116 $\pm$ 0.002 χ^2 /NDF:1804.3/15

All: 0.123 $\pm$ 0.002 χ^2 /NDF: 4332.6/29

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.932 $\pm$ 0.134 χ^2 /NDF: 614.2/3

Left Out: -14.961 $\pm$ 0.049 χ^2 /NDF:14408.4/10

Right Out: 3.012 $\pm$ 0.074 χ^2 /NDF: 542.7/4

Left In: -15.576 $\pm$ 0.052 χ^2 /NDF:4462.9/9

Left: -15.249 $\pm$ 0.036 χ^2 /NDF: 18945.8/20

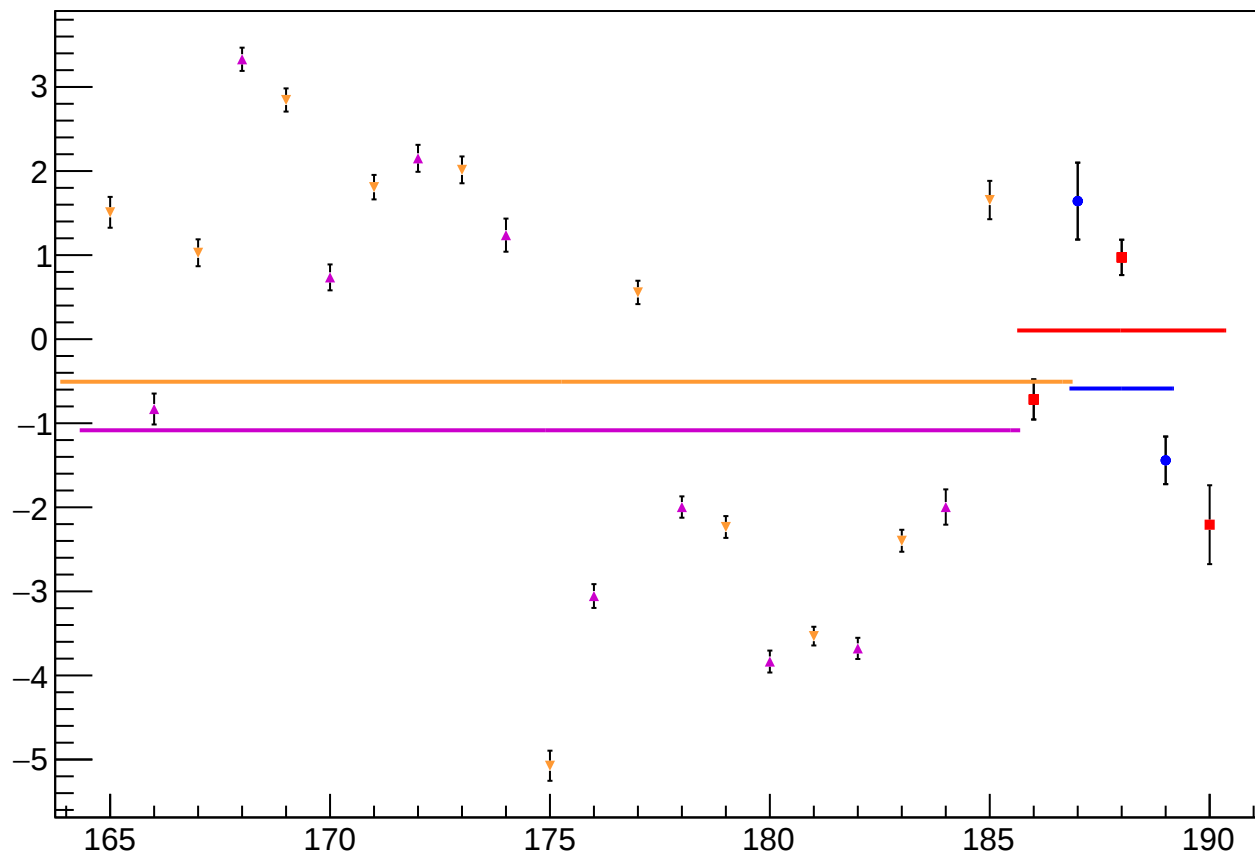
Right: 3.458 $\pm$ 0.064 χ^2 /NDF: 1315.1/8

In: -12.889 $\pm$ 0.048 χ^2 /NDF:25515.0/13

Out: -9.479 $\pm$ 0.041 χ^2 /NDF:56398.1/15

All: -10.889 $\pm$ 0.031 χ^2 /NDF: 84822.9/29

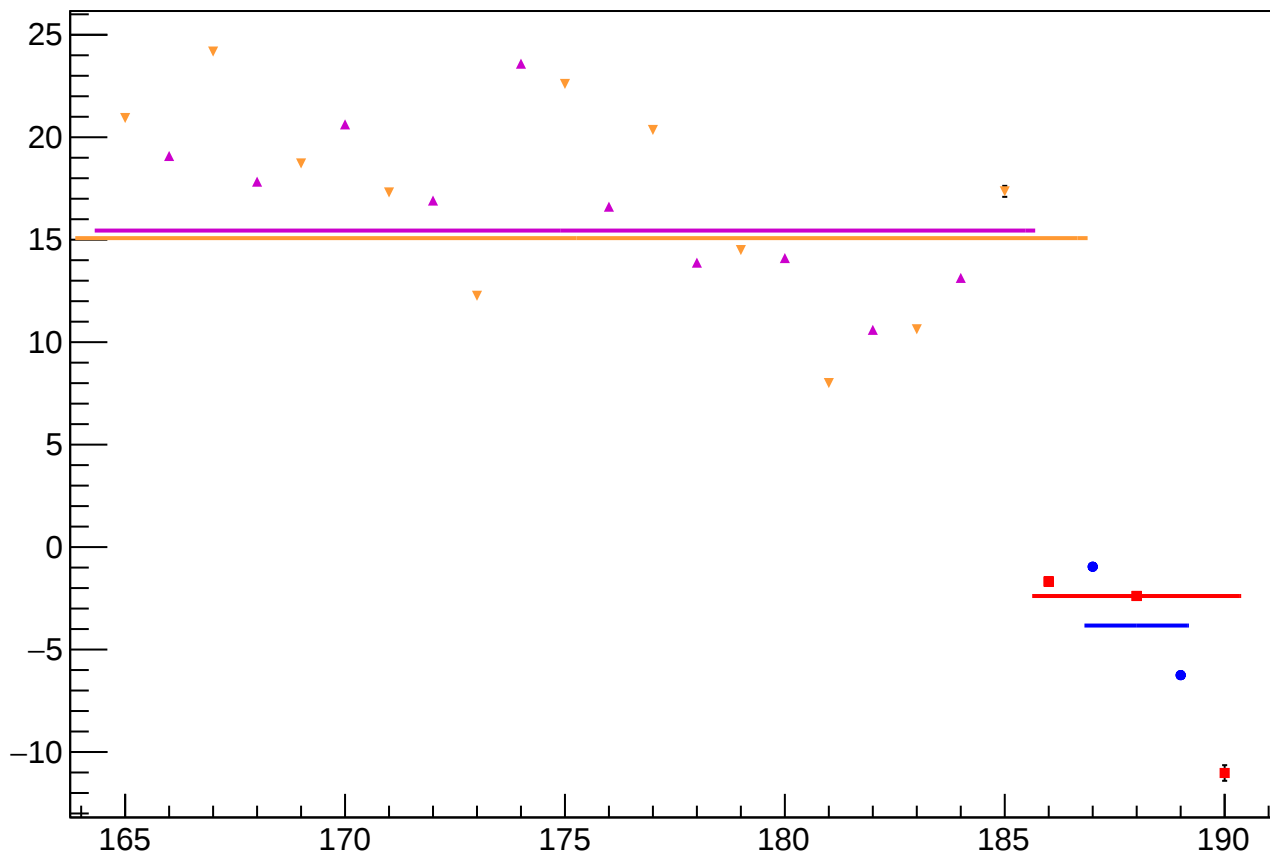
reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.587 ± 0.170 $\chi^2/\text{NDF}: 65.7/3$
 Left Out: -0.506 ± 0.044 $\chi^2/\text{NDF}: 3230.9/10$
 Right Out: 0.104 ± 0.108 $\chi^2/\text{NDF}: 82.1/4$
 Left In: -1.084 ± 0.047 $\chi^2/\text{NDF}: 2839.0/9$

Left: -0.776 ± 0.032 $\chi^2/\text{NDF}: 6149.1/20$
 Right: -0.096 ± 0.091 $\chi^2/\text{NDF}: 159.6/8$
 In: -1.048 ± 0.046 $\chi^2/\text{NDF}: 2912.6/13$
 Out: -0.419 ± 0.041 $\chi^2/\text{NDF}: 3340.1/15$
 All: -0.700 ± 0.031 $\chi^2/\text{NDF}: 6357.7/29$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 15.251 ± 0.036 χ^2/NDF : 16508.2/20

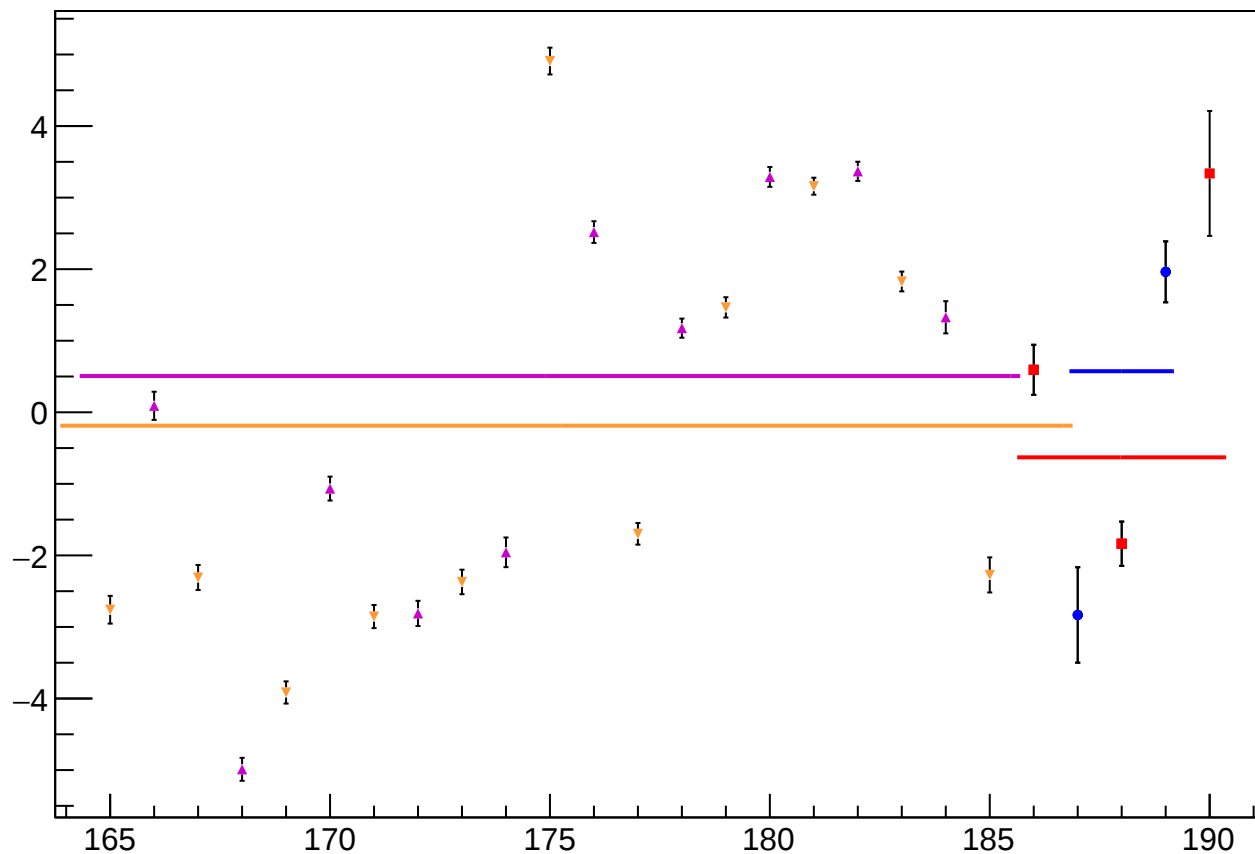
Right: -2.707 ± 0.053 χ^2/NDF : 1242.1/8

In: 11.934 ± 0.048 χ^2/NDF : 29184.1/13

Out: 7.922 ± 0.038 χ^2/NDF : 63518.1/15

All: 9.488 ± 0.030 χ^2/NDF : 97024.0/29

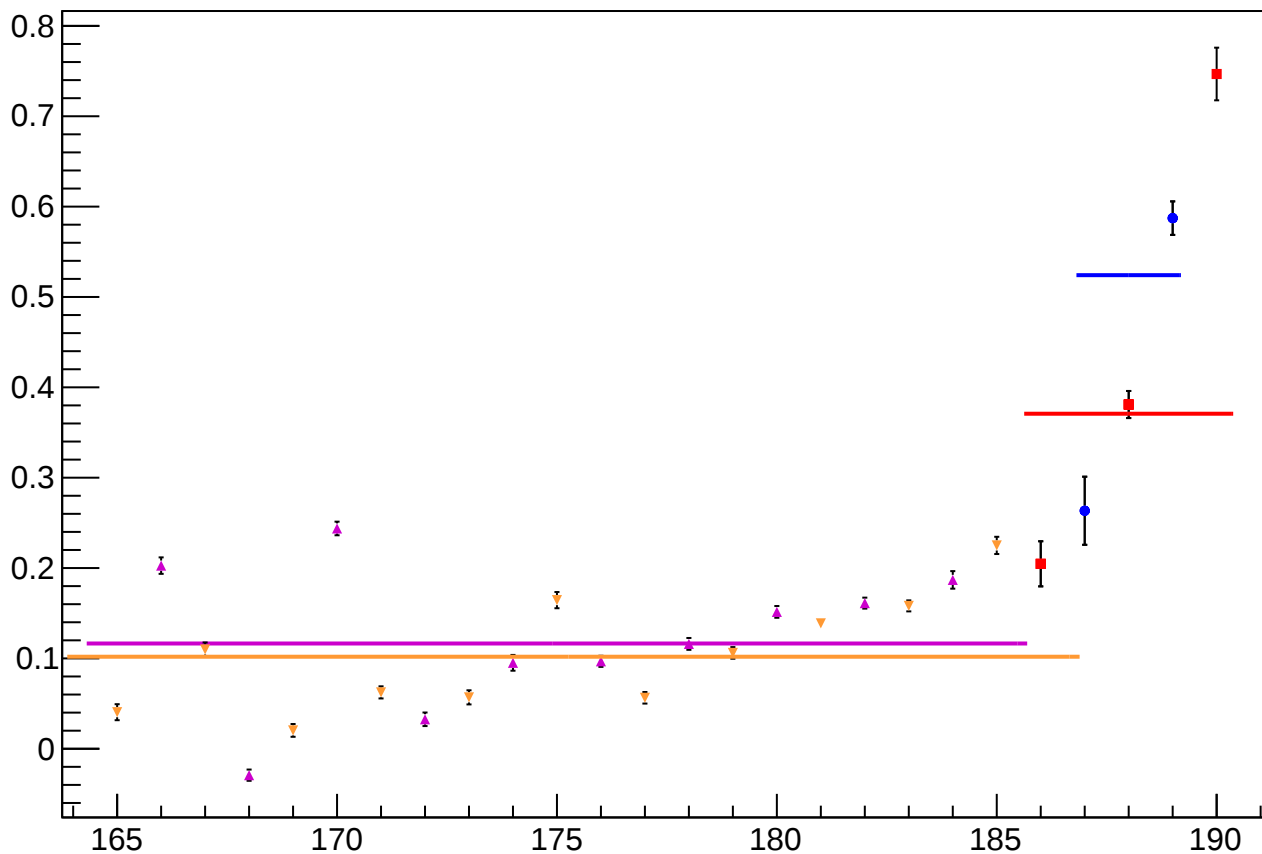
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.137 ± 0.035 χ^2/NDF : 6329.9/20
 Right: -0.284 ± 0.136 χ^2/NDF : 165.1/8
 In: 0.509 ± 0.050 χ^2/NDF : 2909.9/13
 Out: -0.223 ± 0.046 χ^2/NDF : 3477.9/15
 All: 0.111 ± 0.034 χ^2/NDF : 6504.0/29

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.109 $\pm$ 0.002 χ^2 /NDF: 1870.0/20

Right: 0.425 $\pm$ 0.007 χ^2 /NDF: 485.1/8

In: 0.131 $\pm$ 0.002 χ^2 /NDF: 2477.3/13

Out: 0.117 $\pm$ 0.002 χ^2 /NDF: 1810.4/15

All: 0.124 $\pm$ 0.002 χ^2 /NDF: 4308.5/29