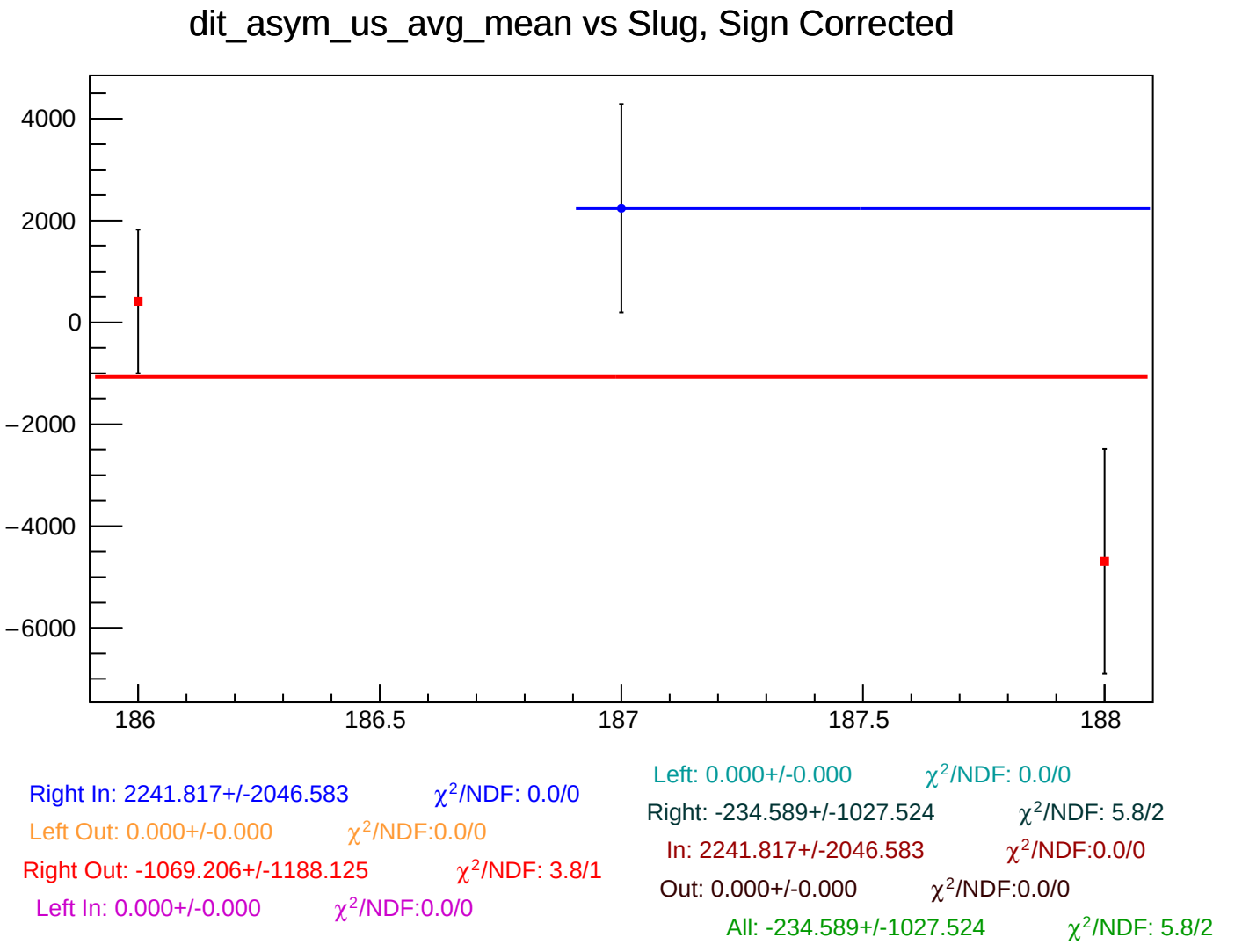
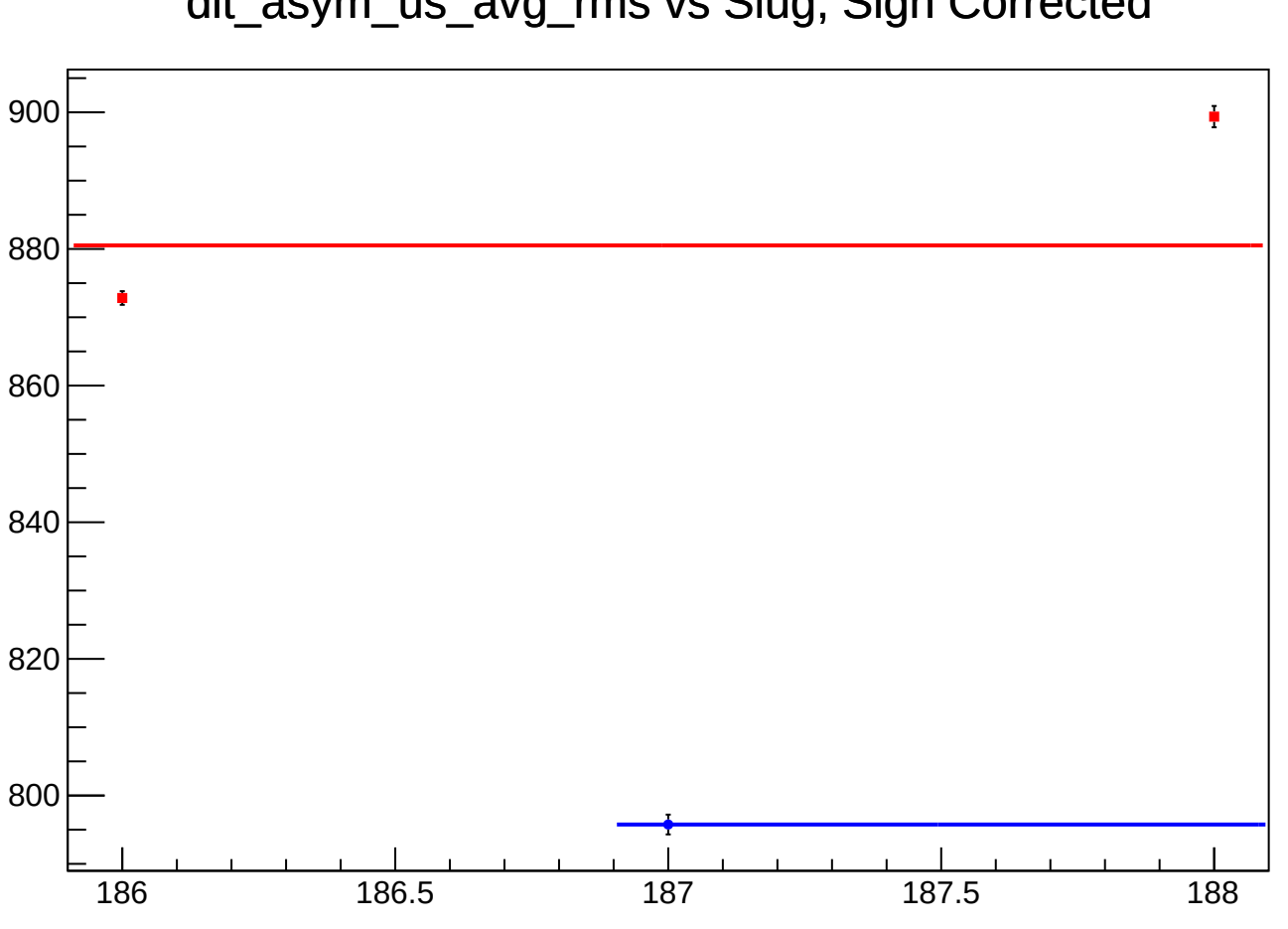

dit_asym_us_avg_mean vs Slug, Sign Corrected
4000
2000
0
−2000
−4000
−6000
186
186.5
187
187.5
188
Right In: 2241.817+/-2046.583 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -1069.206+/-1188.125 χ²/NDF: 3.8/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -234.589+/-1027.524 χ²/NDF: 5.8/2
In: 2241.817+/-2046.583 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -234.589+/-1027.524 χ²/NDF: 5.8/2



Right In: 795.757+/-1.447 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 880.519+/-0.840 χ^2/NDF: 205.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

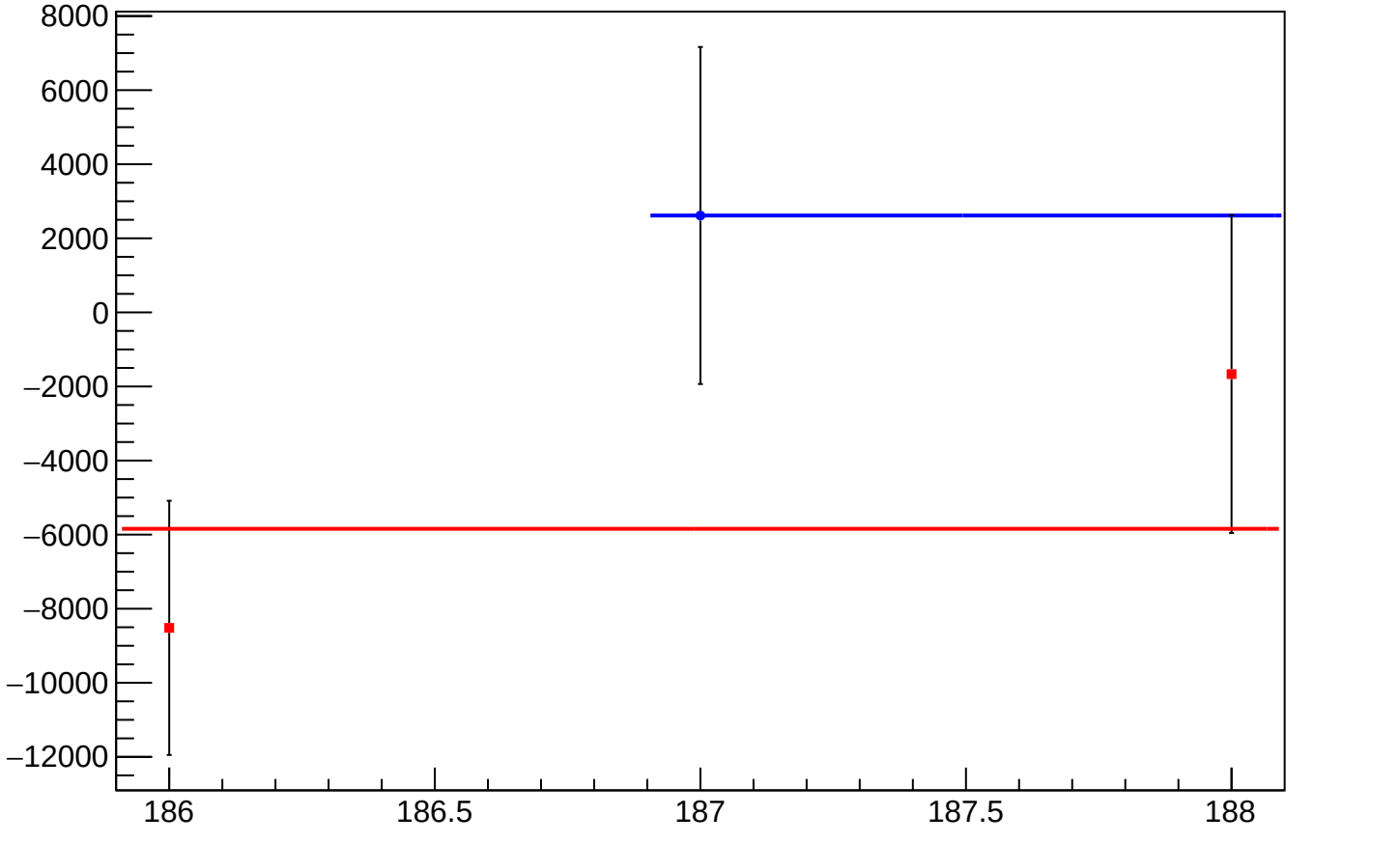
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 859.153+/-0.727 χ^2/NDF: 2771.4/2

In: 795.757+/-1.447 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 859.153+/-0.727 χ^2/NDF: 2771.4/2



Right In: 2615.301+/-4549.555 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5842.794+/-2679.057 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

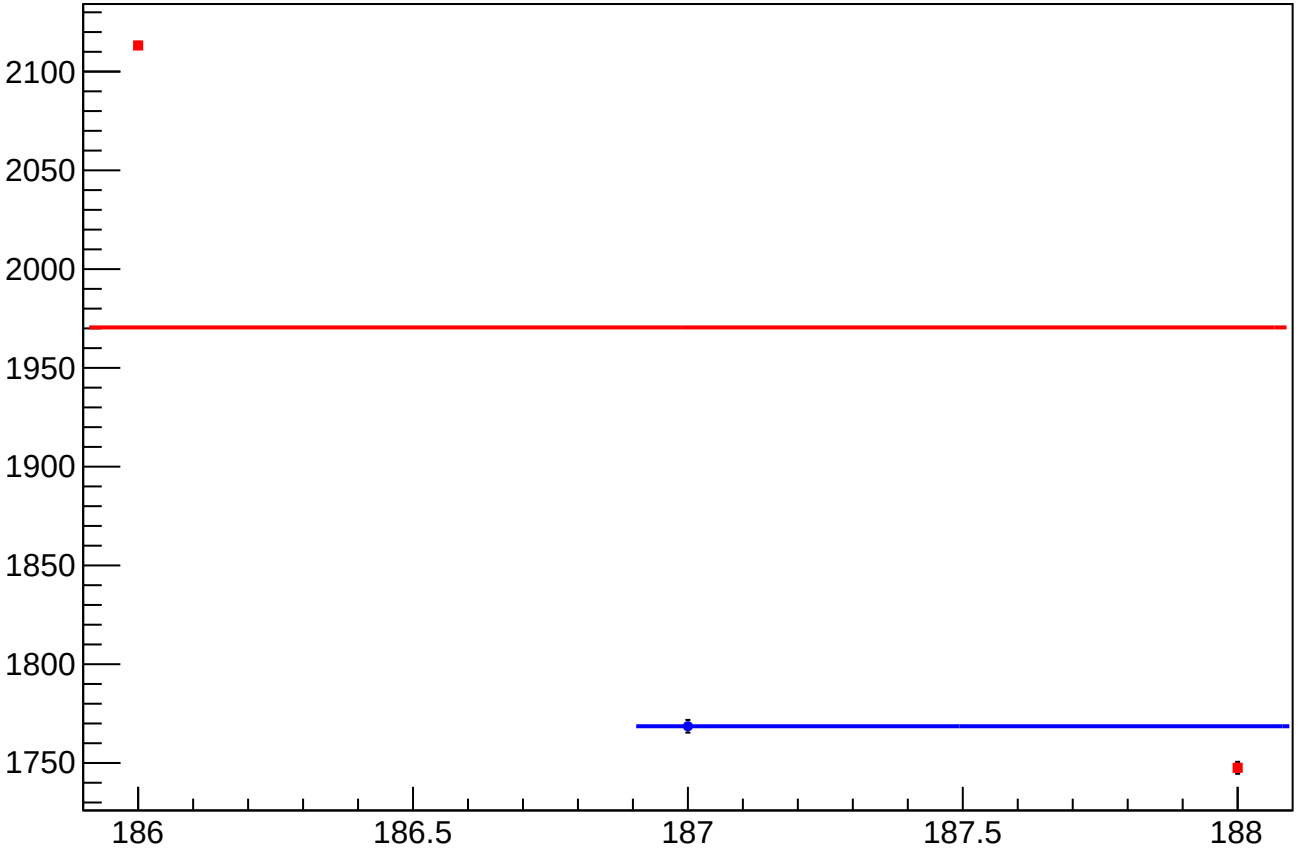
Right: -3665.038+/-2308.539 χ^2/NDF: 4.1/2

In: 2615.301+/-4549.555 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3665.038+/-2308.539 χ^2/NDF: 4.1/2

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1768.592+/-3.217 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1970.485+/-1.894 χ^2/NDF: 8866.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

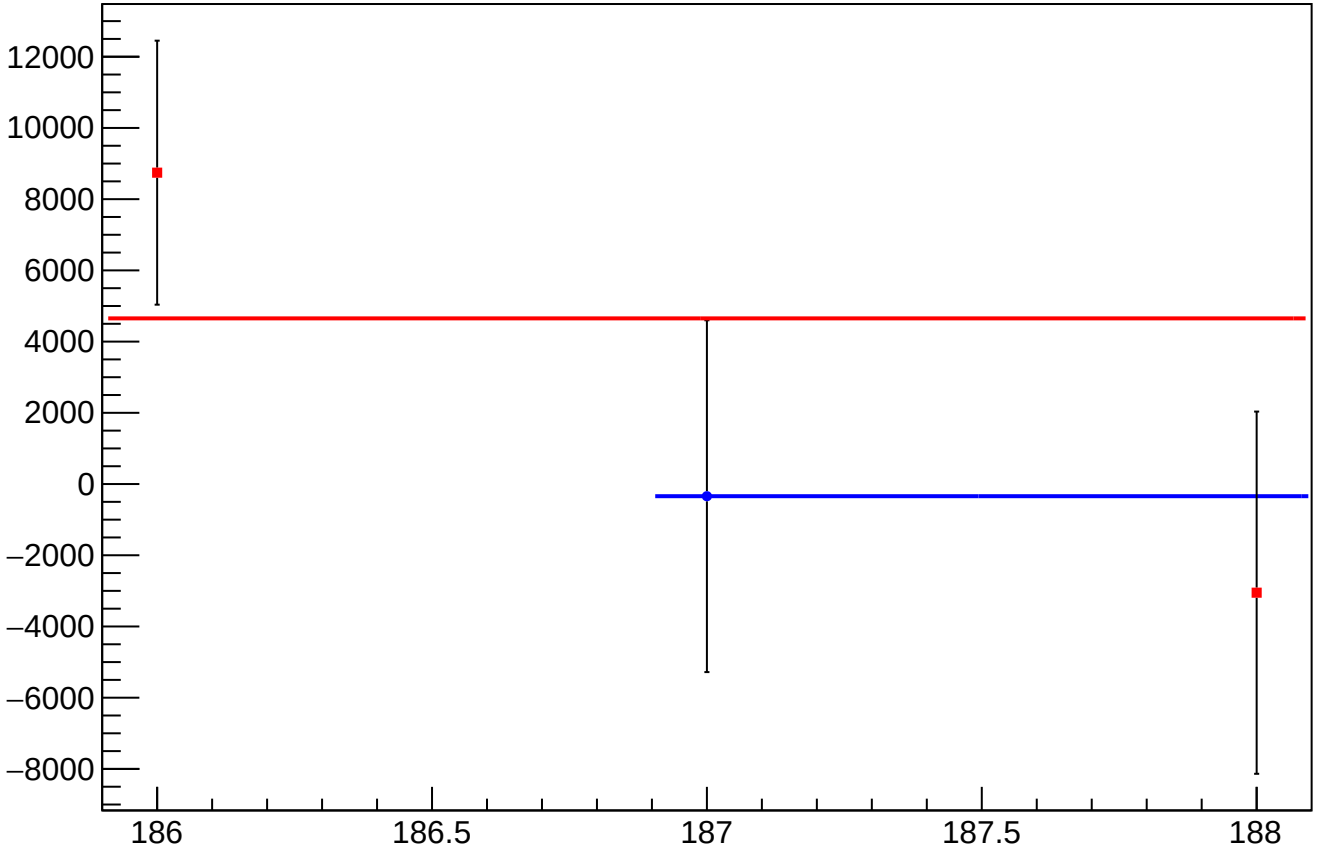
Right: 1918.503+/-1.632 χ^2/NDF: 11790.7/2

In: 1768.592+/-3.217 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1918.503+/-1.632 χ^2/NDF: 11790.7/2

asym_us_avg_mean vs Slug, Sign Corrected



Right In: -341.335+/-4939.699 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4652.130+/-2995.680 χ^2/NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

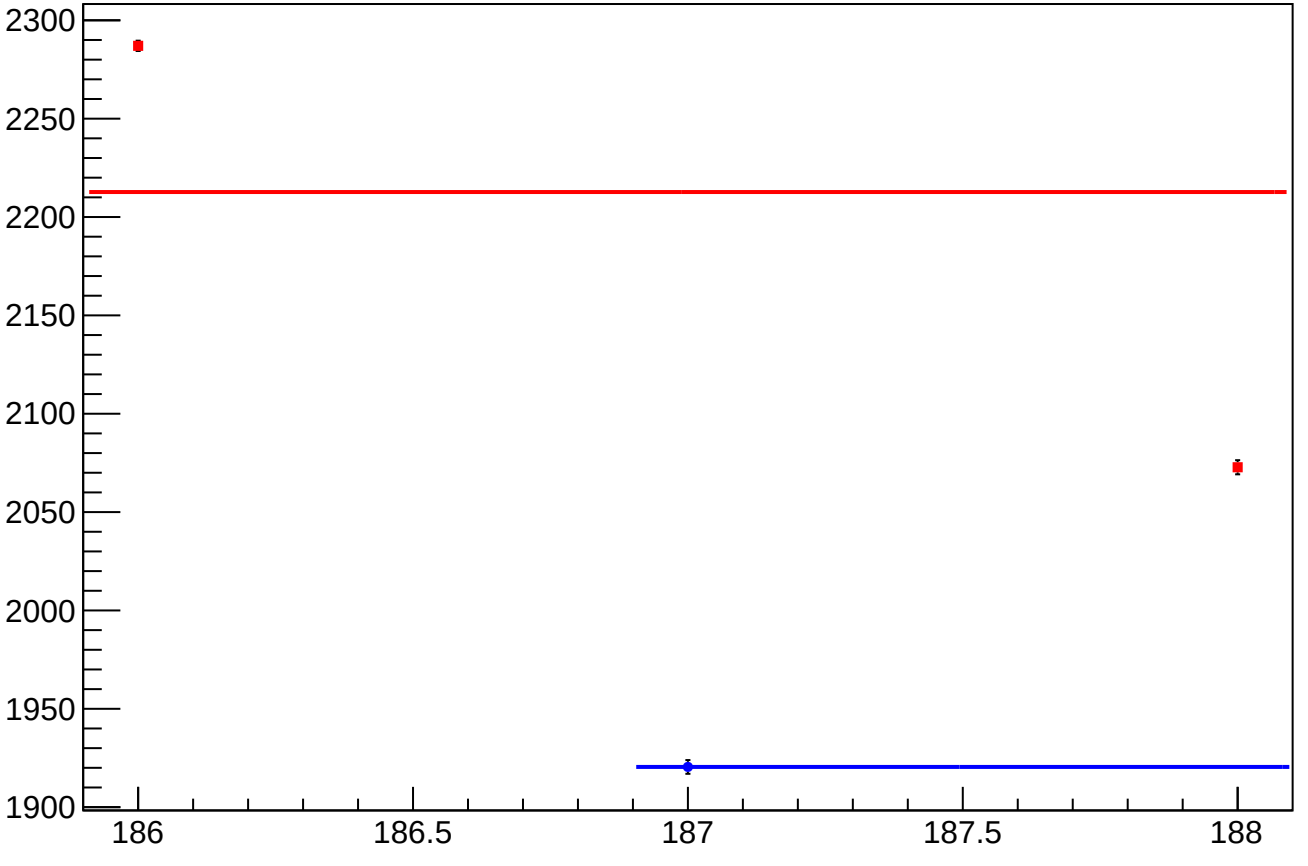
Right: 3309.441+/-2561.457 χ^2/NDF: 4.3/2

In: -341.335+/-4939.699 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3309.441+/-2561.457 χ^2/NDF: 4.3/2

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1920.453+/-3.493 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2212.705+/-2.118 χ^2/NDF: 2317.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

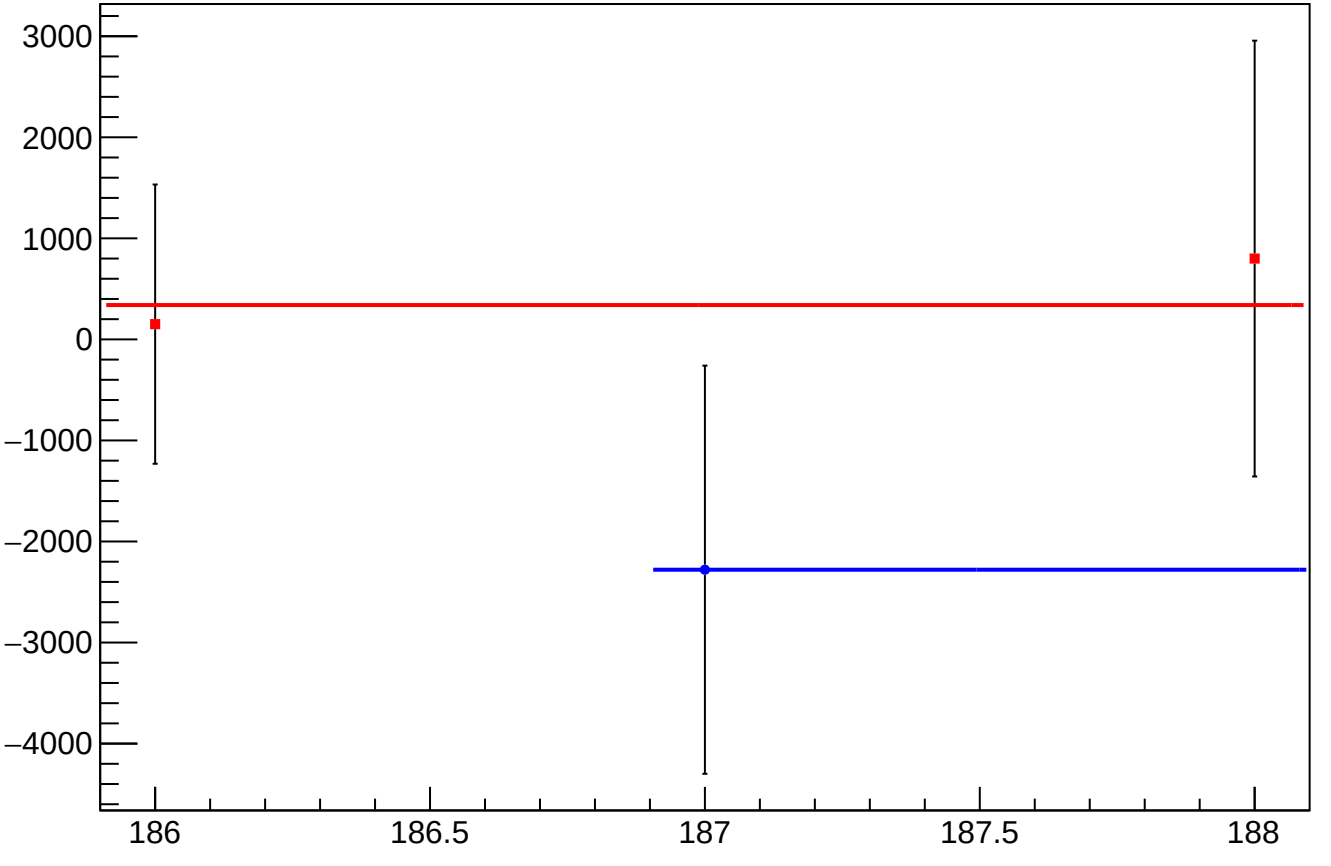
Right: 2134.121+/-1.811 χ^2/NDF: 7435.8/2

In: 1920.453+/-3.493 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2134.121+/-1.811 χ^2/NDF: 7435.8/2

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -2279.331+/-2019.540 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 339.839+/-1163.371 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

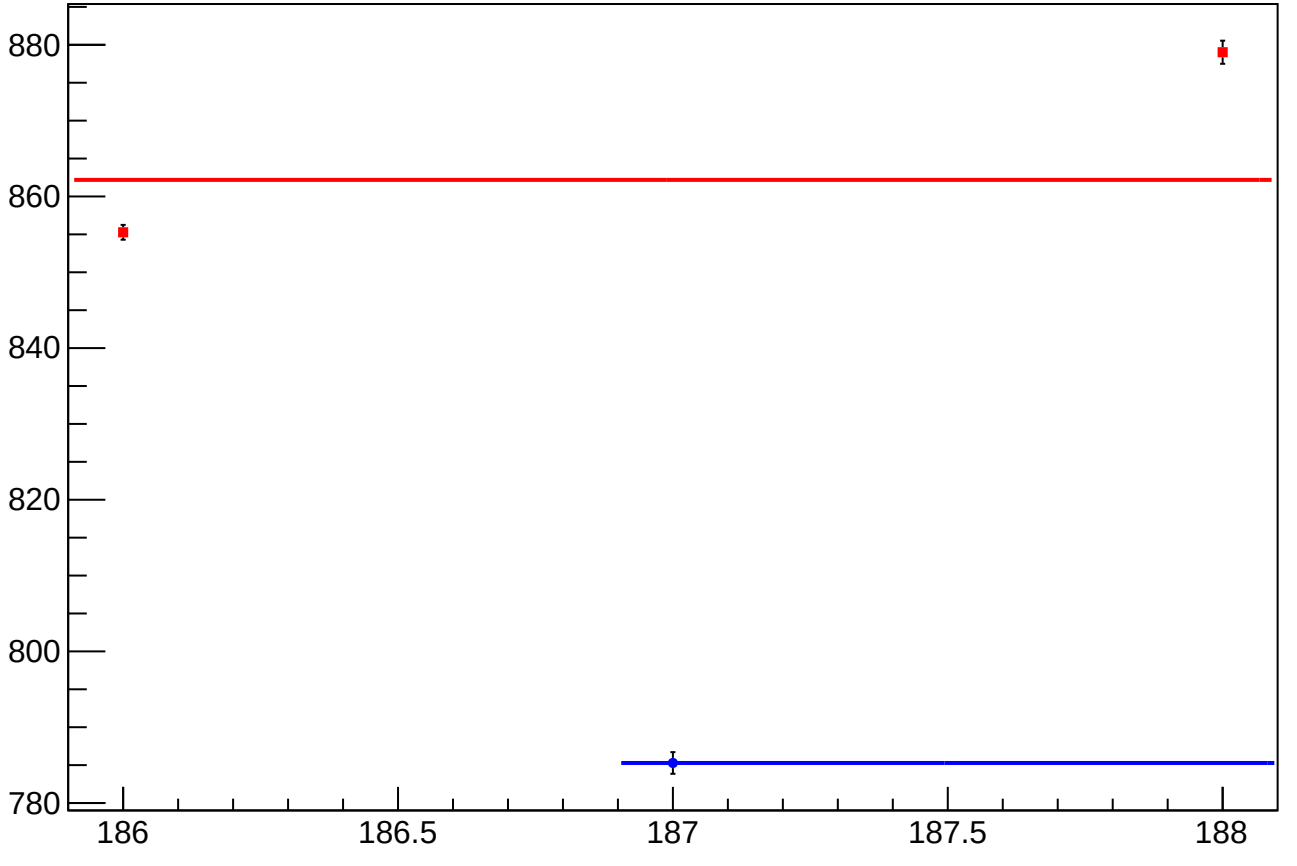
Right: -312.754+/-1008.073 χ^2/NDF: 1.3/2

In: -2279.331+/-2019.540 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -312.754+/-1008.073 χ^2/NDF: 1.3/2

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.284+/-1.428 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 862.186+/-0.823 χ^2/NDF: 172.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

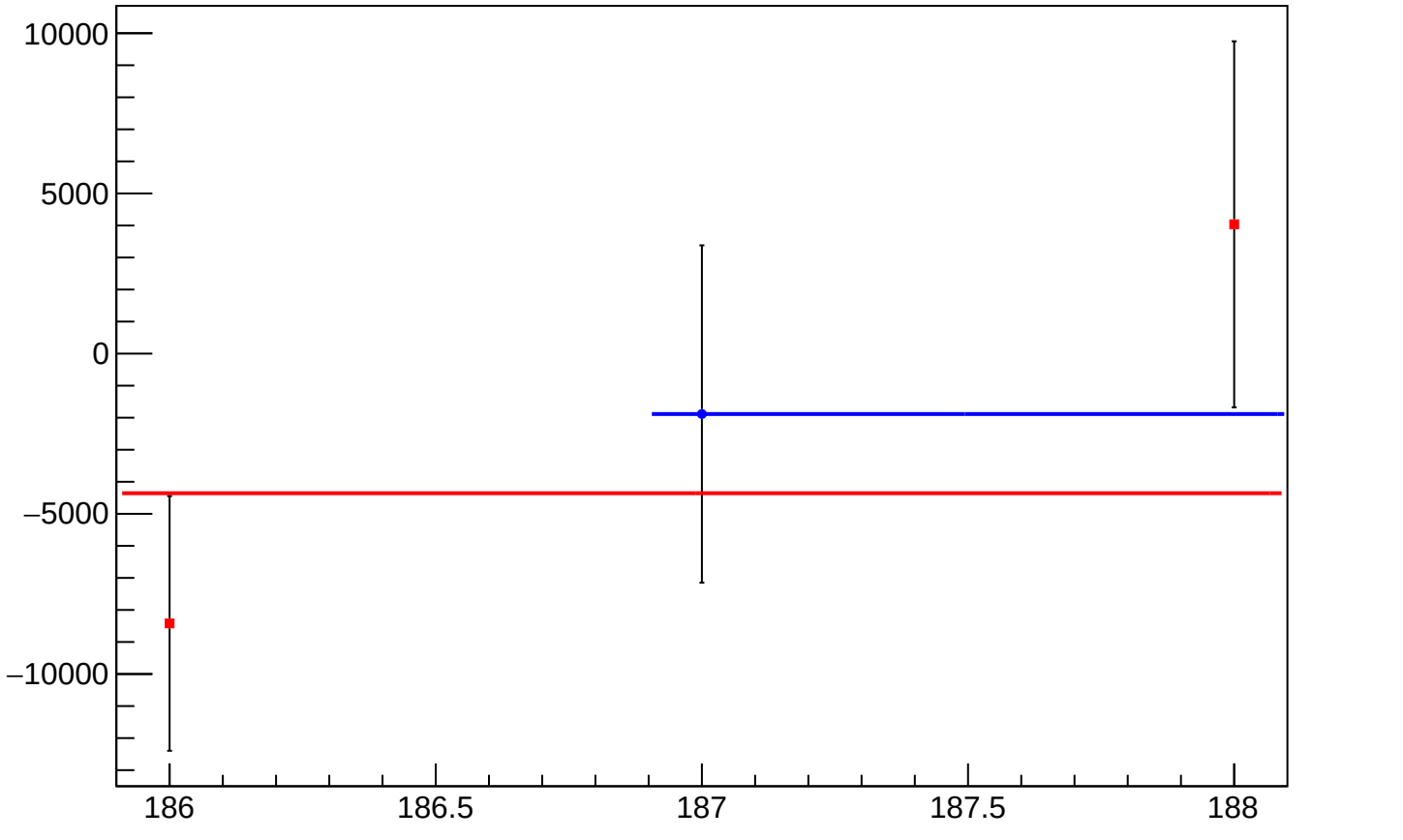
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 843.025+/-0.713 χ^2/NDF: 2349.5/2

In: 785.284+/-1.428 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 843.025+/-0.713 χ^2/NDF: 2349.5/2



Right In: -1885.124+/-5265.019 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4357.257+/-3262.388 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

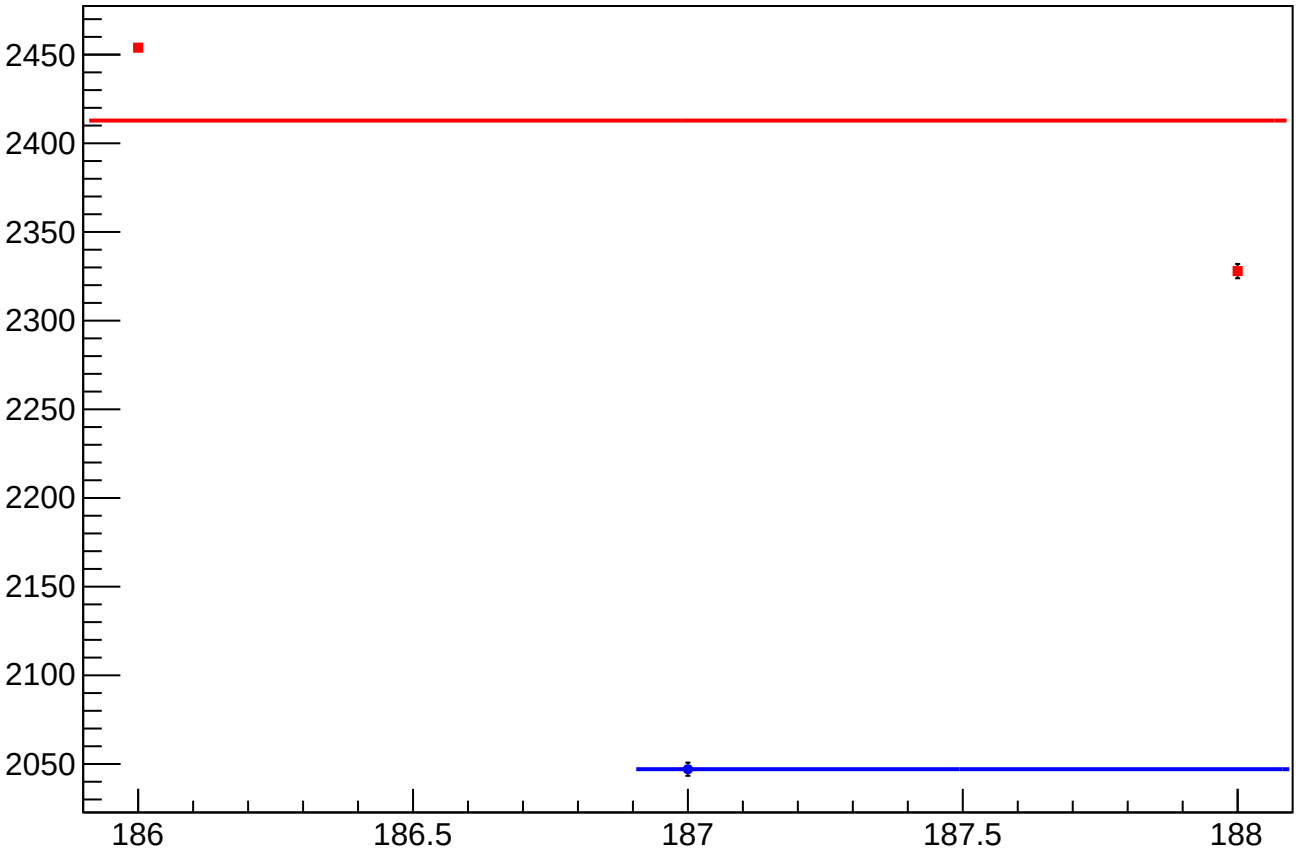
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3671.416+/-2773.166 χ^2/NDF: 3.4/2

In: -1885.124+/-5265.019 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3671.416+/-2773.166 χ^2/NDF: 3.4/2



Right In: 2047.072+/-3.723 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2412.829+/-2.307 χ^2/NDF: 655.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

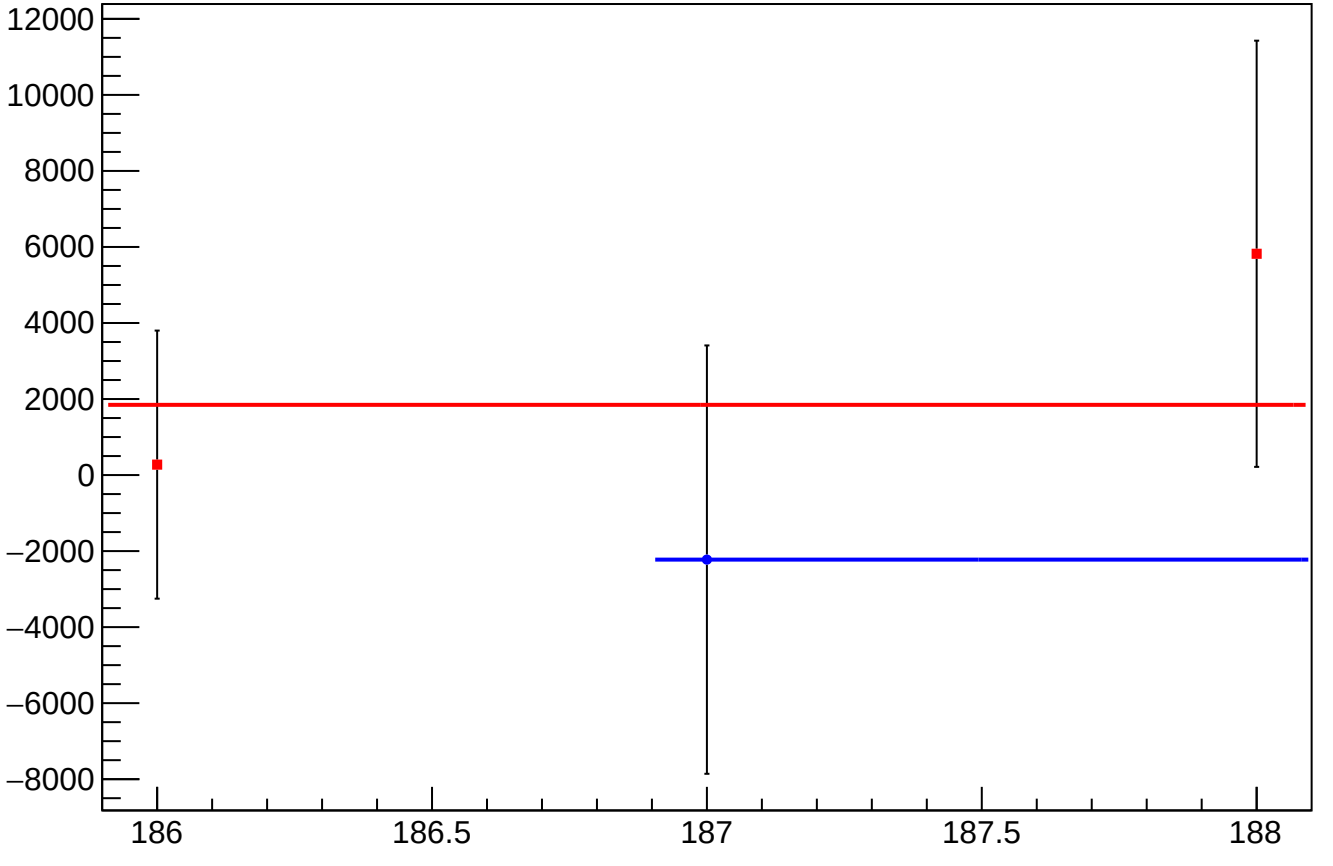
Right: 2311.358+/-1.961 χ^2/NDF: 7630.0/2

In: 2047.072+/-3.723 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2311.358+/-1.961 χ^2/NDF: 7630.0/2

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -2224.307+/-5634.016 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1846.889+/-2984.641 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

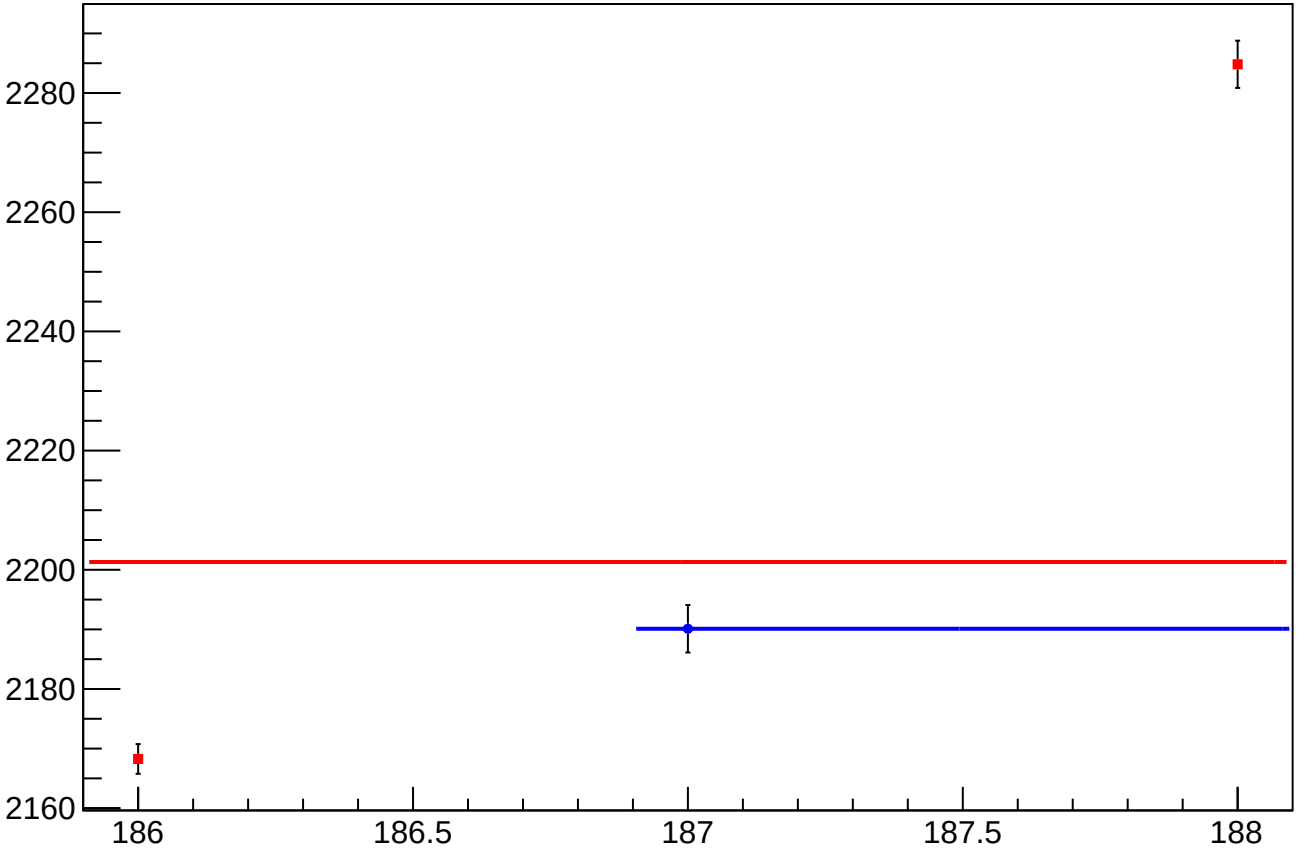
Right: 954.728+/-2637.417 χ^2/NDF: 1.1/2

In: -2224.307+/-5634.016 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 954.728+/-2637.417 χ^2/NDF: 1.1/2

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 2190.105+/-3.984 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2201.305+/-2.110 χ^2/NDF: 619.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

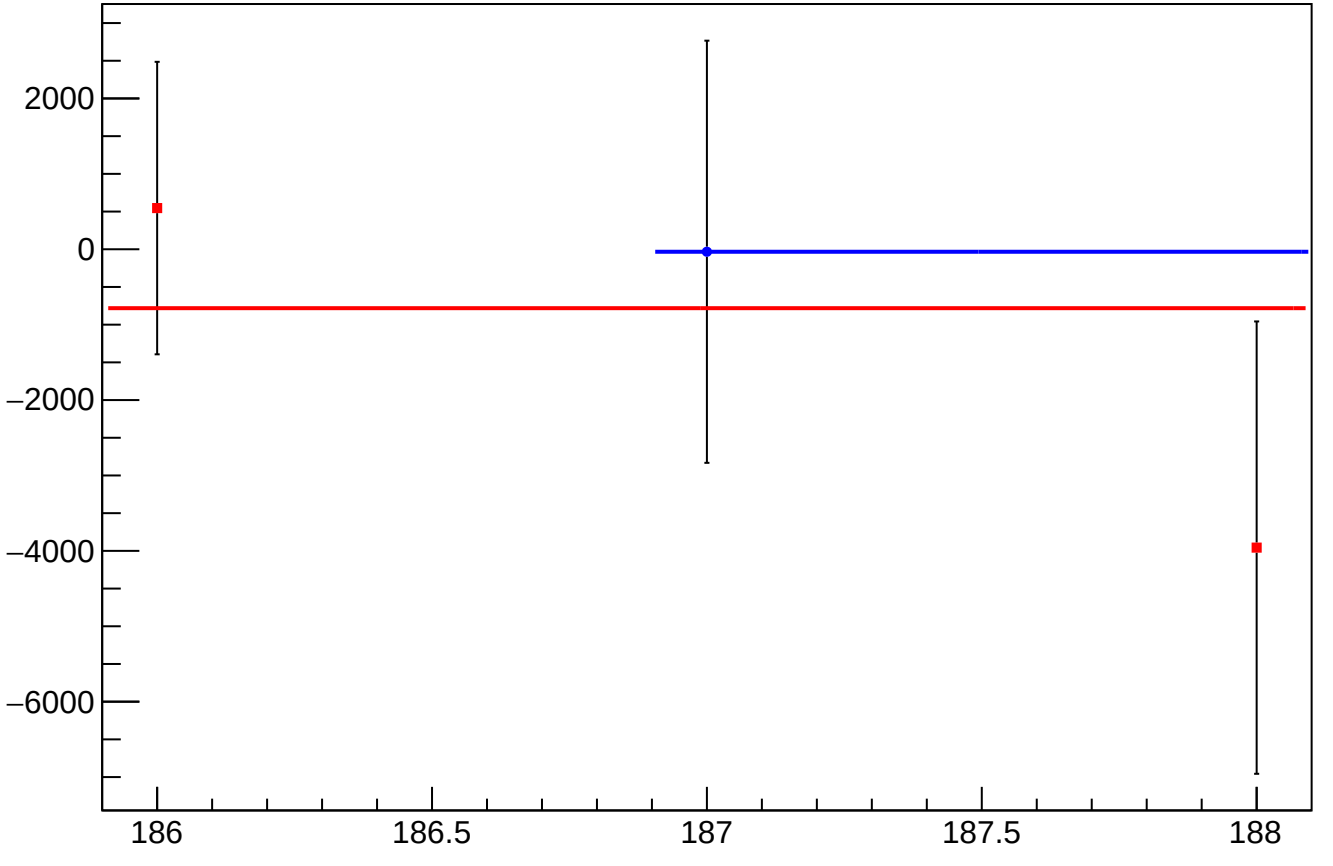
Right: 2198.850+/-1.865 χ^2/NDF: 625.7/2

In: 2190.105+/-3.984 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2198.850+/-1.865 χ^2/NDF: 625.7/2

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: -33.084+/-2799.466 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -781.358+/-1628.721 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

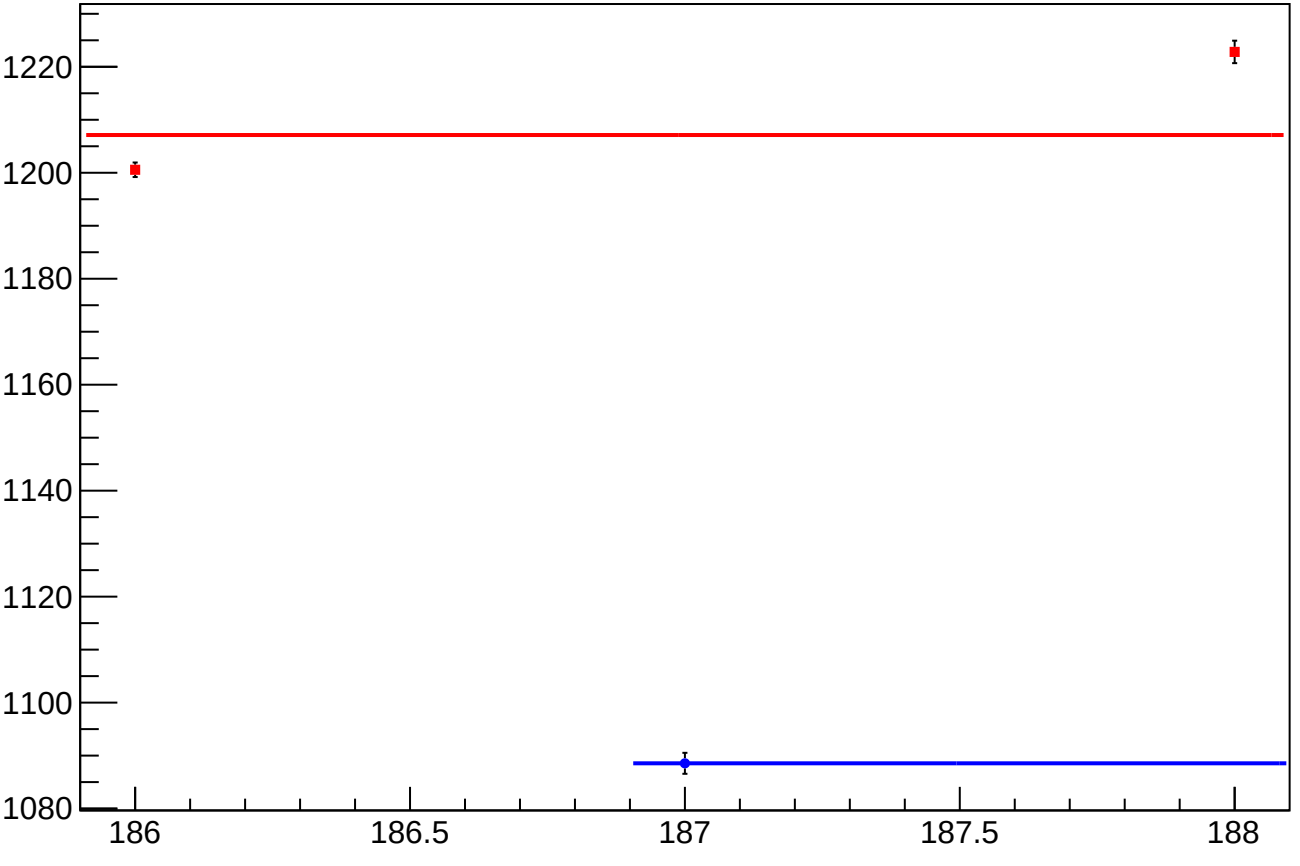
Right: -592.129+/-1407.795 χ^2/NDF: 1.6/2

In: -33.084+/-2799.466 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -592.129+/-1407.795 χ^2/NDF: 1.6/2

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1088.545+/-1.980 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1207.123+/-1.152 χ^2/NDF: 77.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

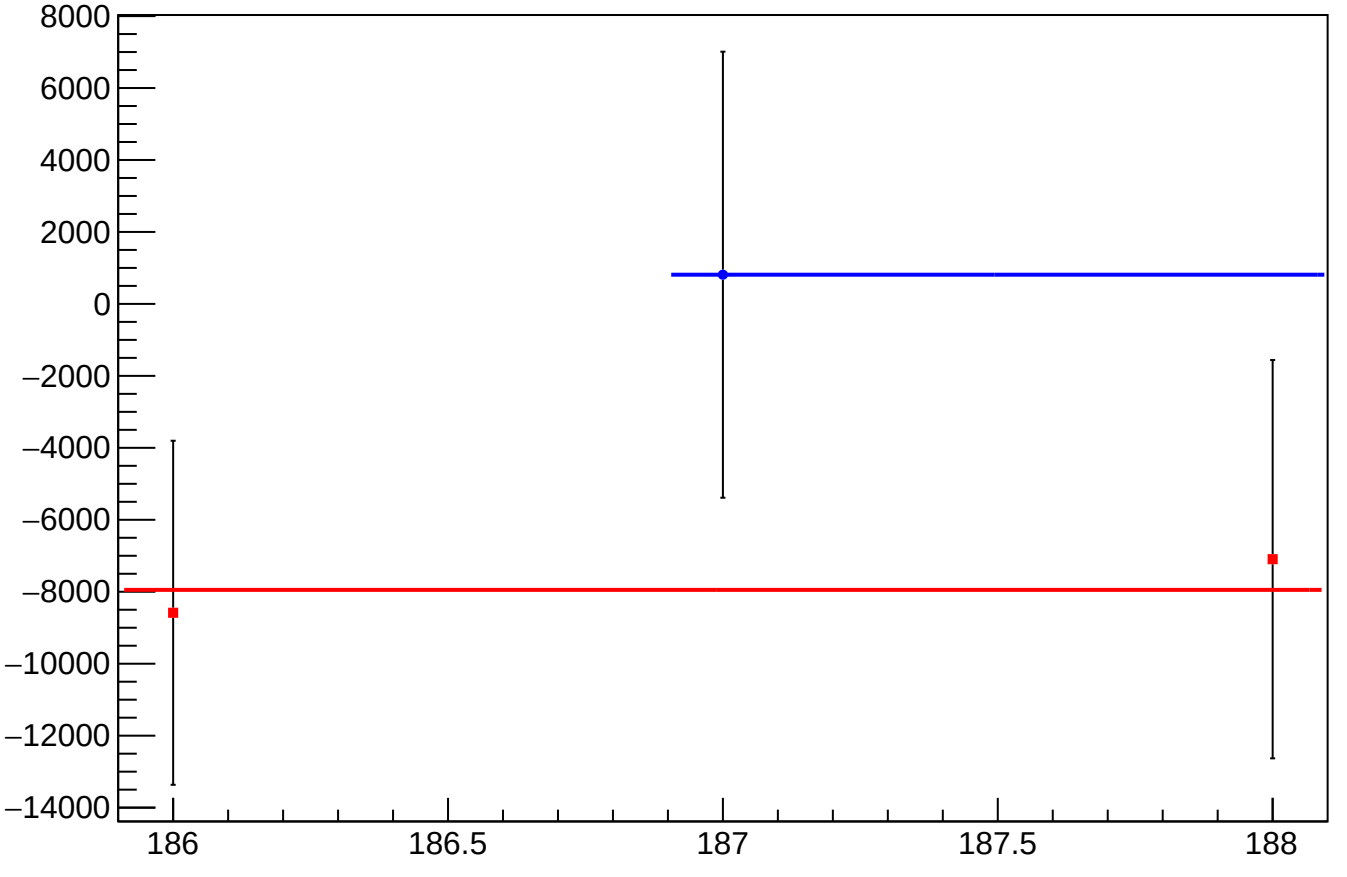
Right: 1177.136+/-0.995 χ^2/NDF: 2758.4/2

In: 1088.545+/-1.980 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1177.136+/-0.995 χ^2/NDF: 2758.4/2

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 811.567+/-6198.608 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7947.780+/-3618.156 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

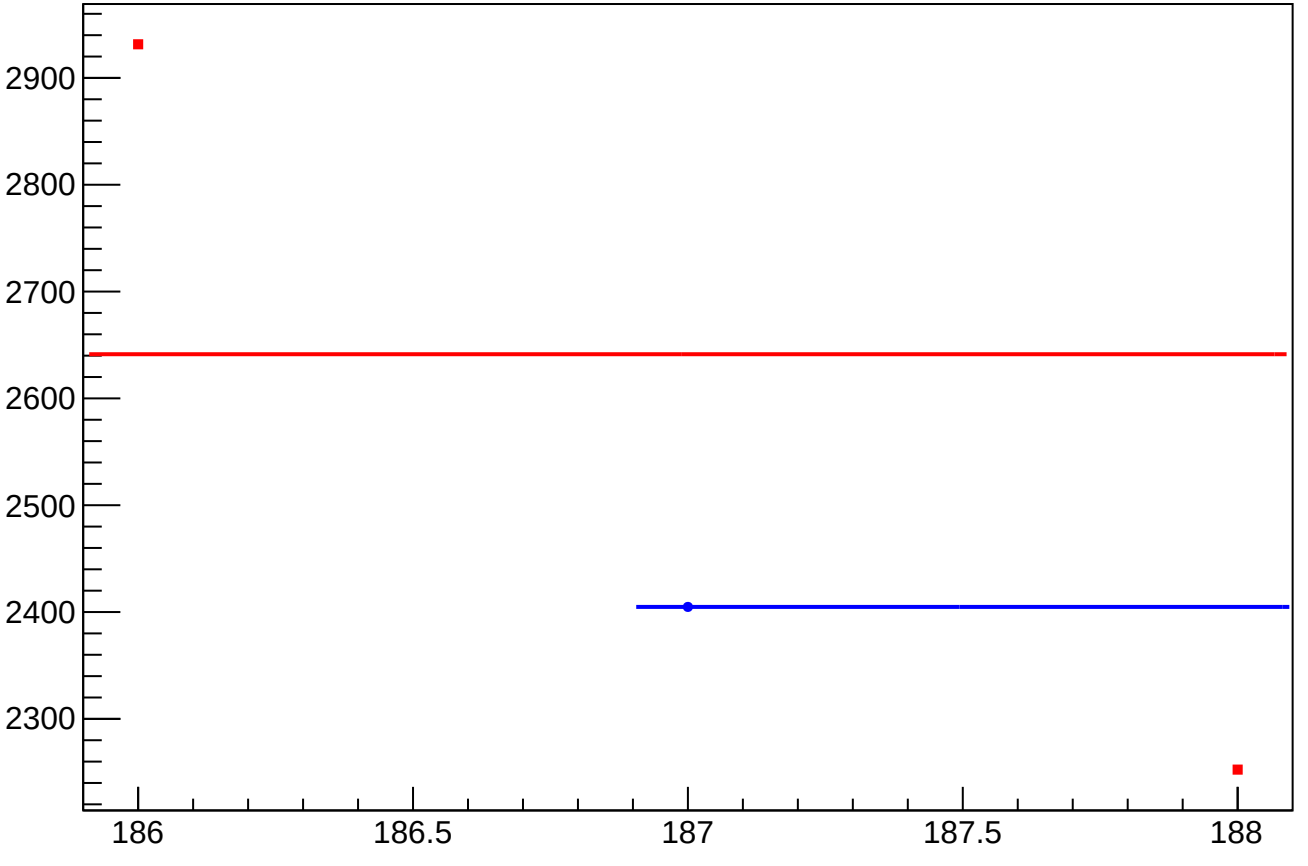
Right: -5721.792+/-3124.782 χ^2/NDF: 1.5/2

In: 811.567+/-6198.608 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5721.792+/-3124.782 χ^2/NDF: 1.5/2

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 2404.801+/-4.383 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2641.350+/-2.558 χ^2/NDF: 17236.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

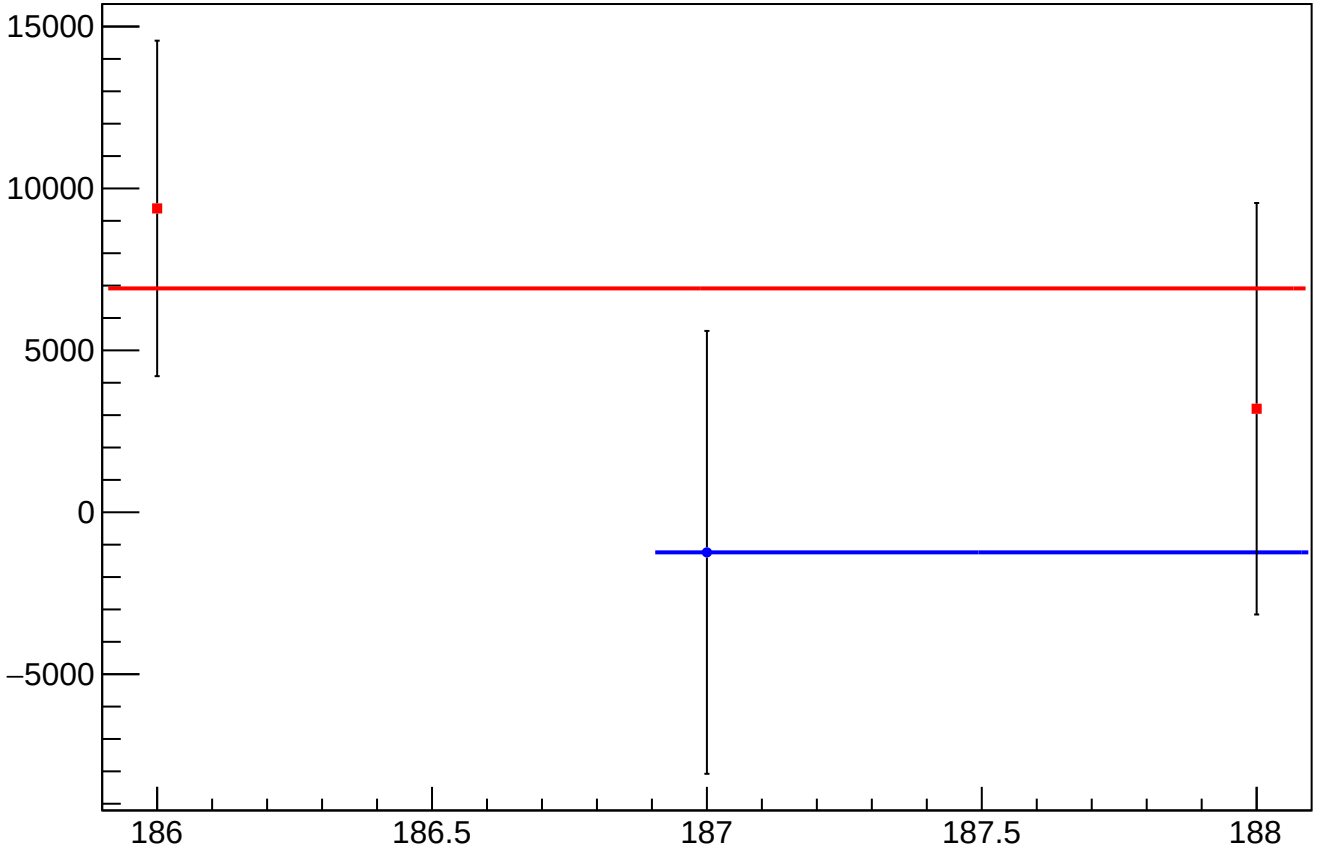
Right: 2581.237+/-2.210 χ^2/NDF: 19408.6/2

In: 2404.801+/-4.383 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2581.237+/-2.210 χ^2/NDF: 19408.6/2

asym_usl_mean vs Slug, Sign Corrected



Right In: -1237.564+/-6838.065 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6913.303+/-4014.764 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

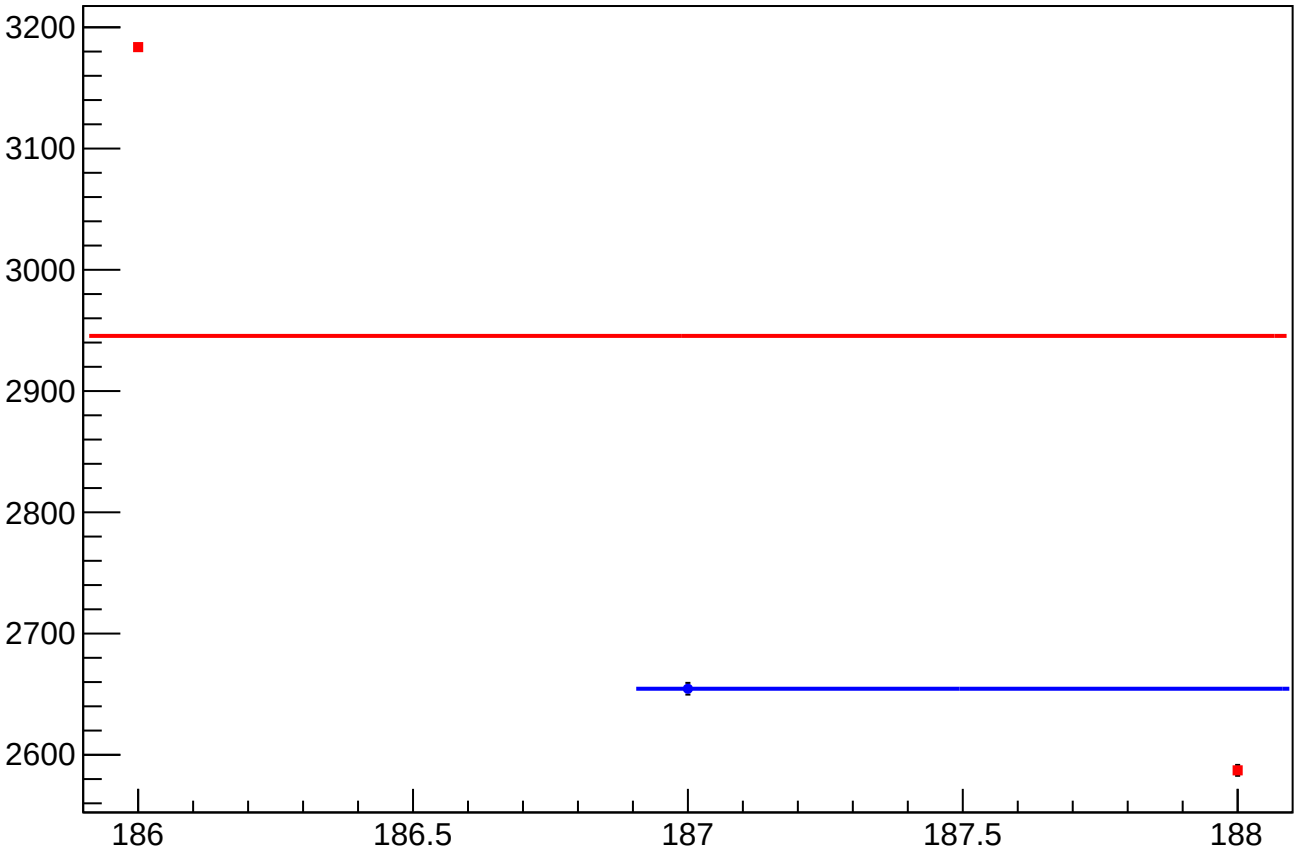
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4823.868+/-3462.149 χ^2/NDF: 1.6/2

In: -1237.564+/-6838.065 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4823.868+/-3462.149 χ^2/NDF: 1.6/2



Right In: 2654.494+/-4.835 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2945.488+/-2.839 χ^2/NDF: 10588.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

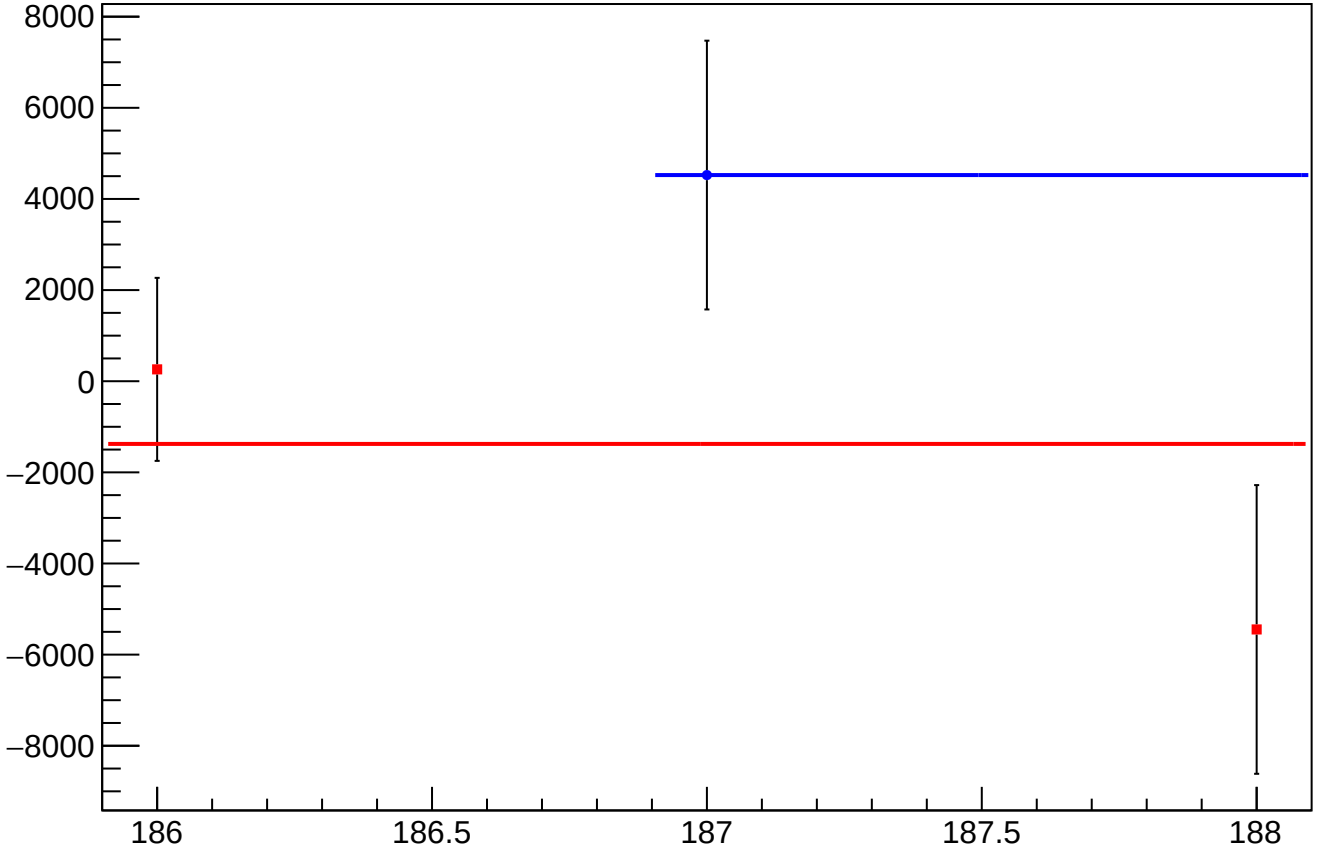
Right: 2870.893+/-2.448 χ^2/NDF: 13282.3/2

In: 2654.494+/-4.835 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2870.893+/-2.448 χ^2/NDF: 13282.3/2

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 4524.155+/-2949.316 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1376.044+/-1696.123 χ^2/NDF: 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

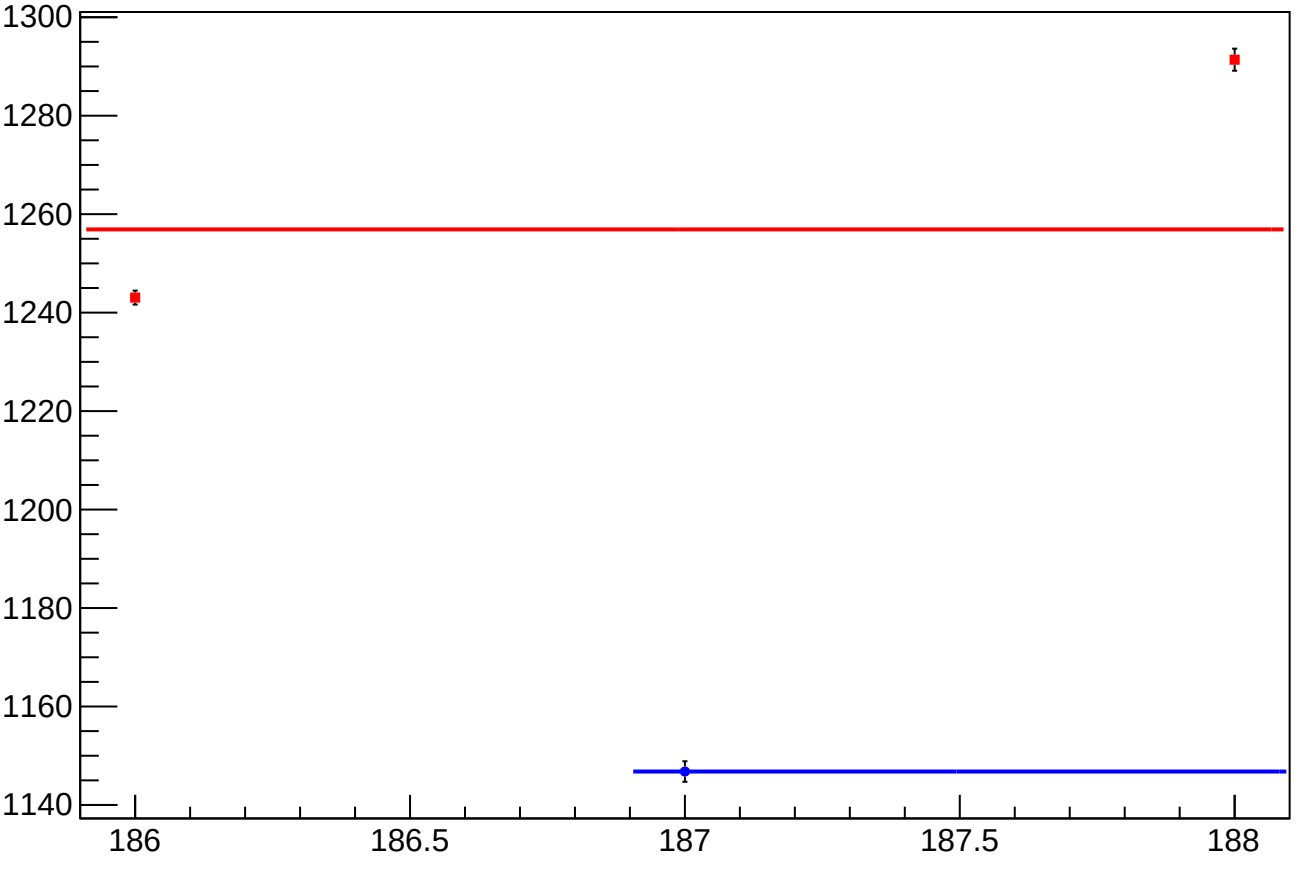
Right: 90.344+/-1470.322 χ^2/NDF: 5.3/2

In: 4524.155+/-2949.316 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 90.344+/-1470.322 χ^2/NDF: 5.3/2

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1146.792+/-2.085 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1256.906+/-1.199 χ^2/NDF: 331.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

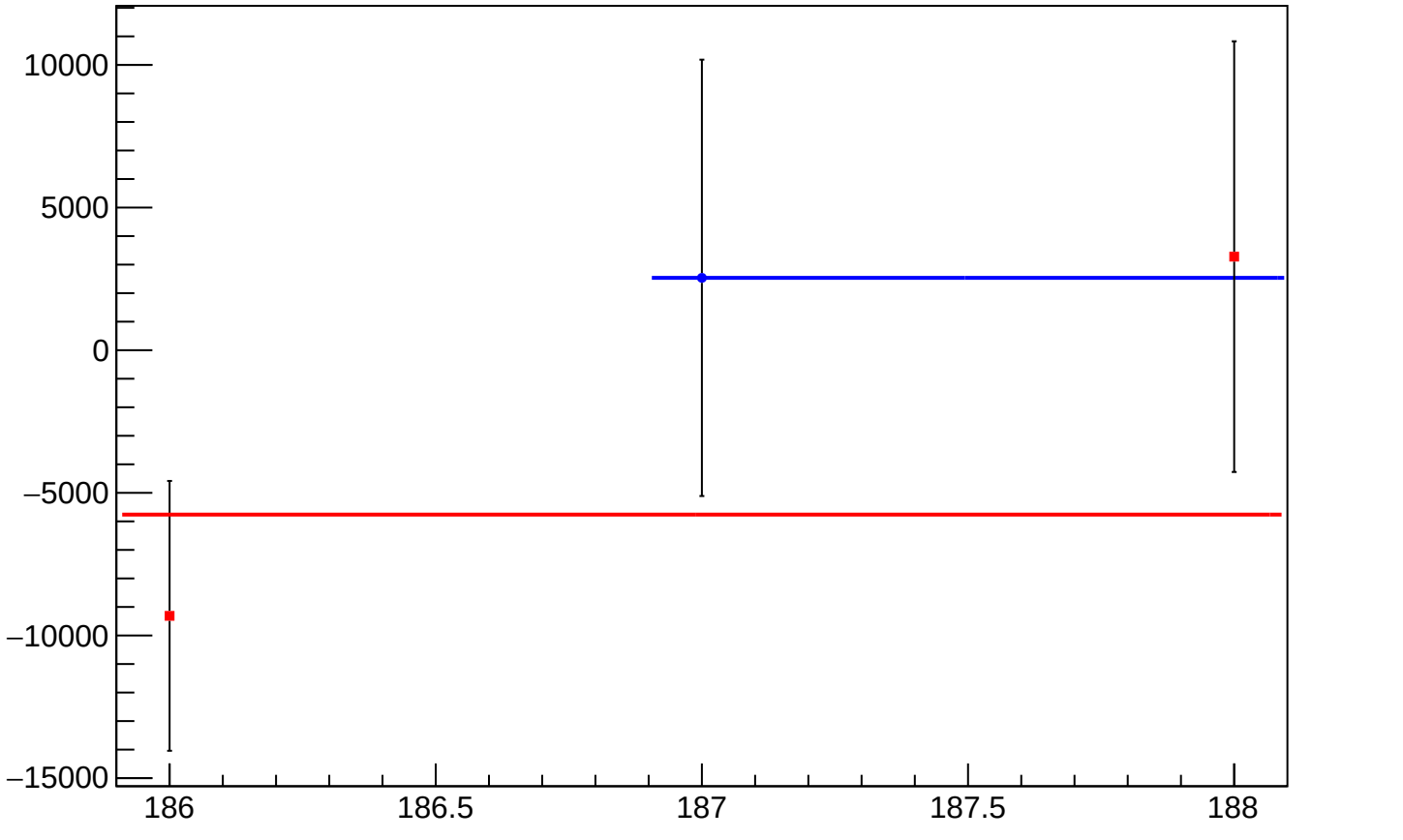
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1229.539+/-1.040 χ^2/NDF: 2426.9/2

In: 1146.792+/-2.085 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1229.539+/-1.040 χ^2/NDF: 2426.9/2



Right In: 2535.807+/-7647.578 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5762.416+/-4007.551 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

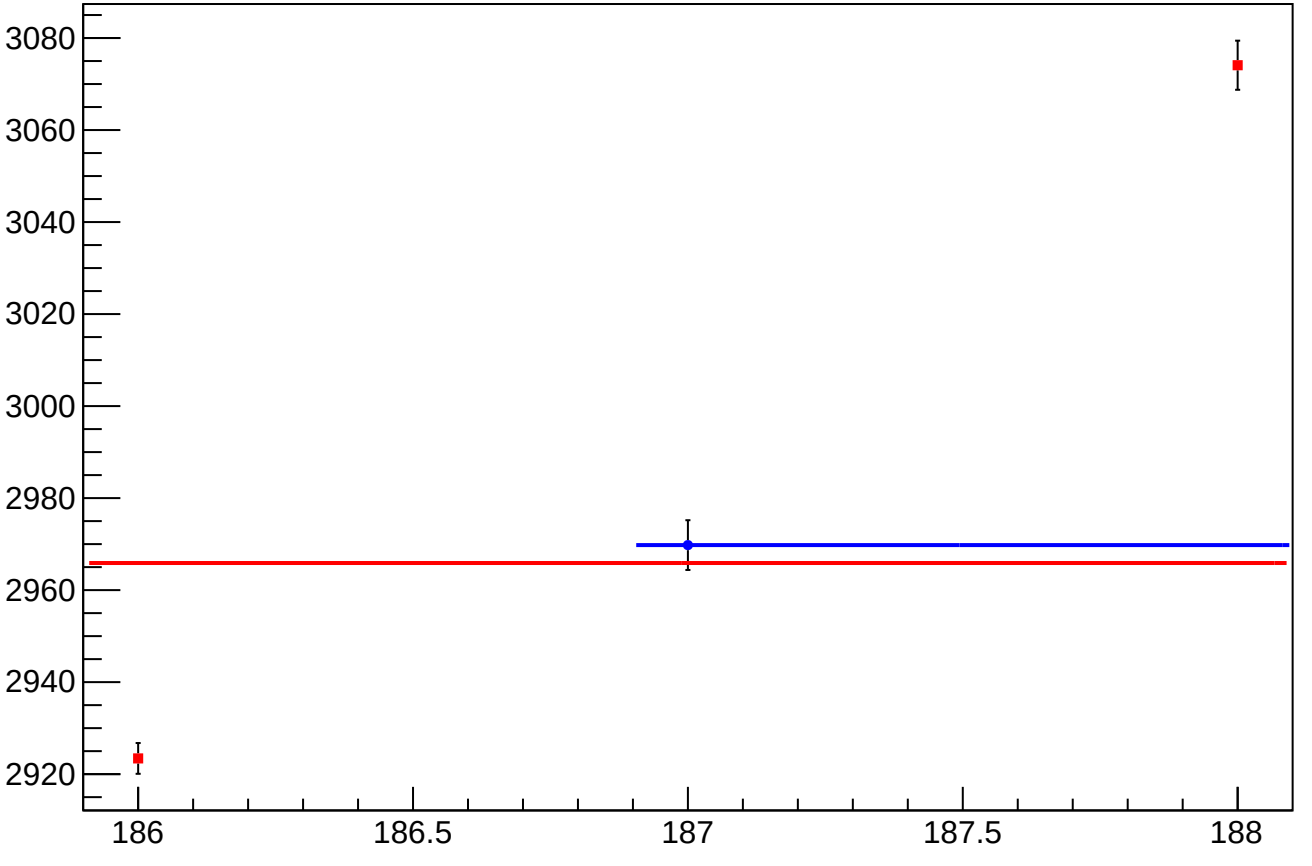
Right: -3974.614+/-3549.695 χ^2/NDF: 2.9/2

In: 2535.807+/-7647.578 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3974.614+/-3549.695 χ^2/NDF: 2.9/2

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2969.788+/-5.408 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2965.891+/-2.834 χ^2/NDF: 572.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

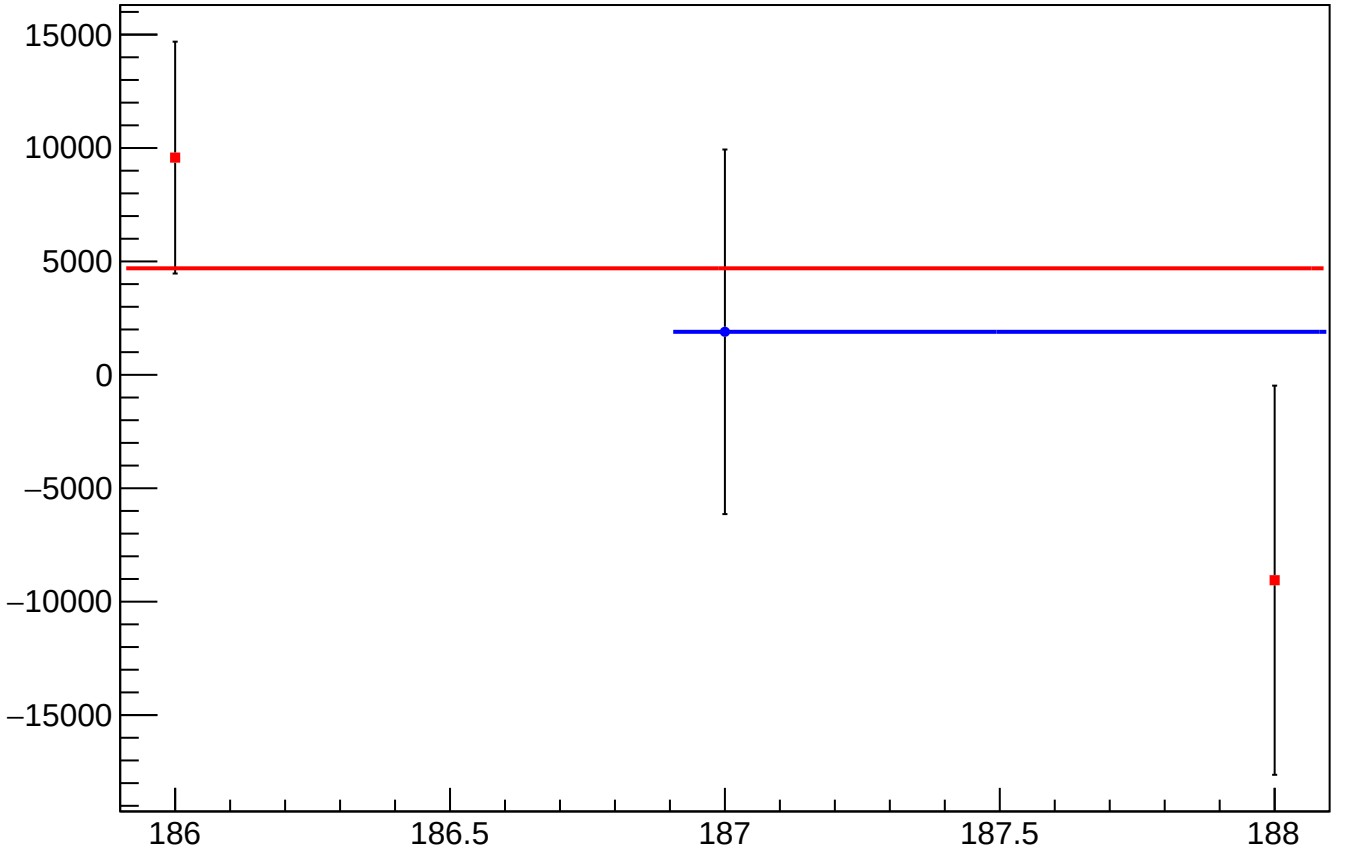
Right: 2966.730+/-2.510 χ^2/NDF: 572.7/2

In: 2969.788+/-5.408 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2966.730+/-2.510 χ^2/NDF: 572.7/2

asym_usr_mean vs Slug, Sign Corrected



Right In: 1897.107+/-8036.791 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4696.365+/-4390.694 χ^2/NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

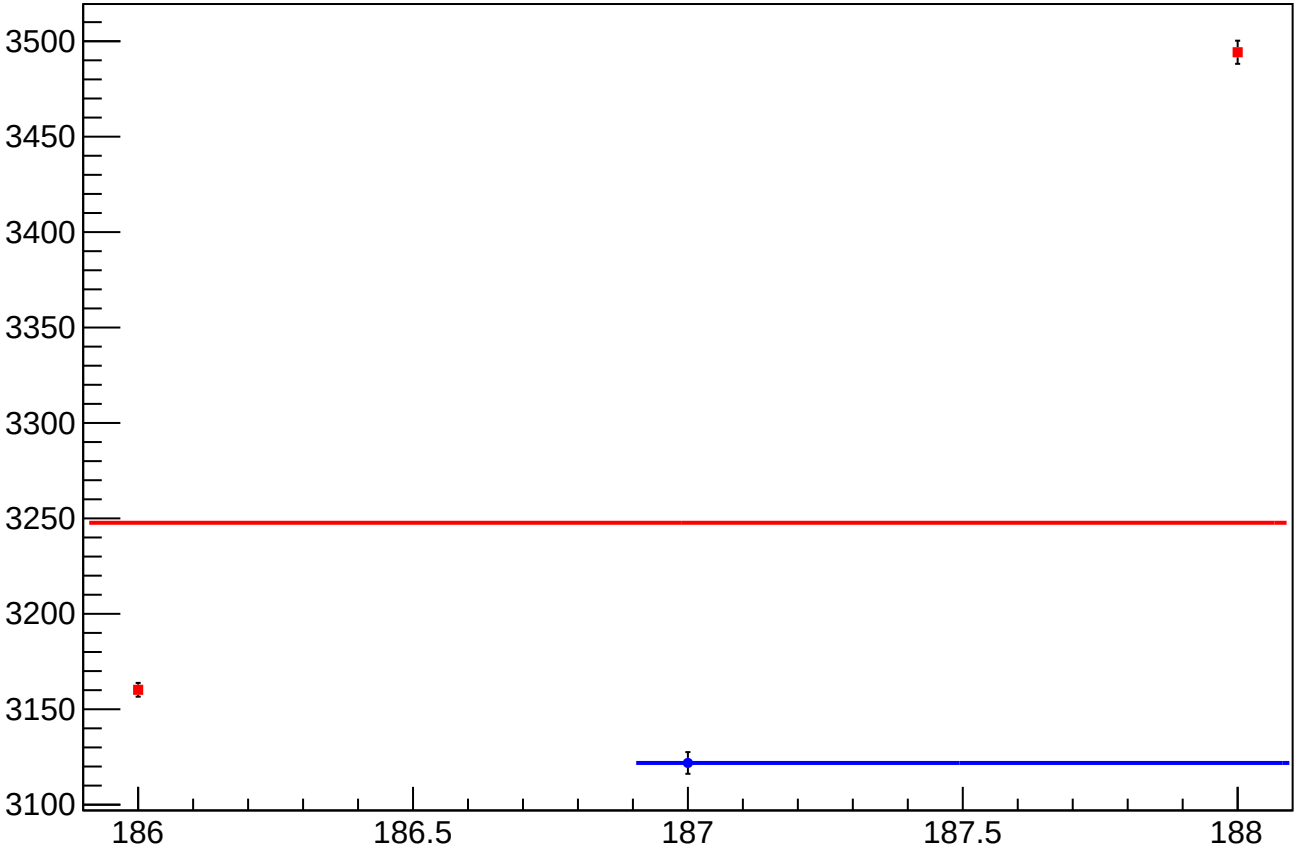
Right: 4052.920+/-3853.161 χ^2/NDF: 3.6/2

In: 1897.107+/-8036.791 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4052.920+/-3853.161 χ^2/NDF: 3.6/2

asym_usr_rms vs Slug, Sign Corrected



Right In: 3121.869+/-5.683 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3247.707+/-3.105 χ^2/NDF: 2238.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

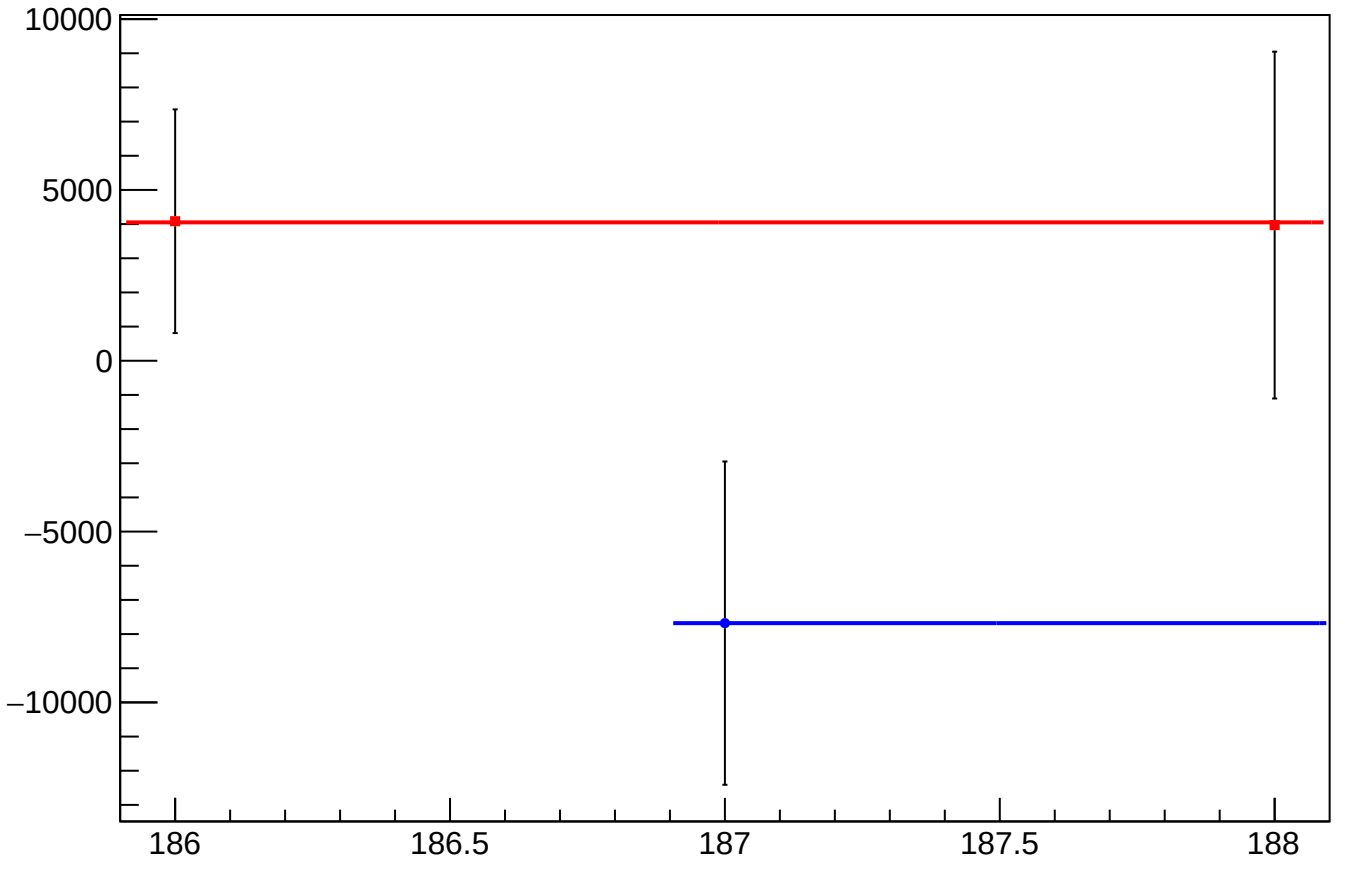
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3218.782+/-2.725 χ^2/NDF: 2615.6/2

In: 3121.869+/-5.683 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3218.782+/-2.725 χ^2/NDF: 2615.6/2



Right In: -7679.927+/-4731.719 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4050.889+/-2751.035 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

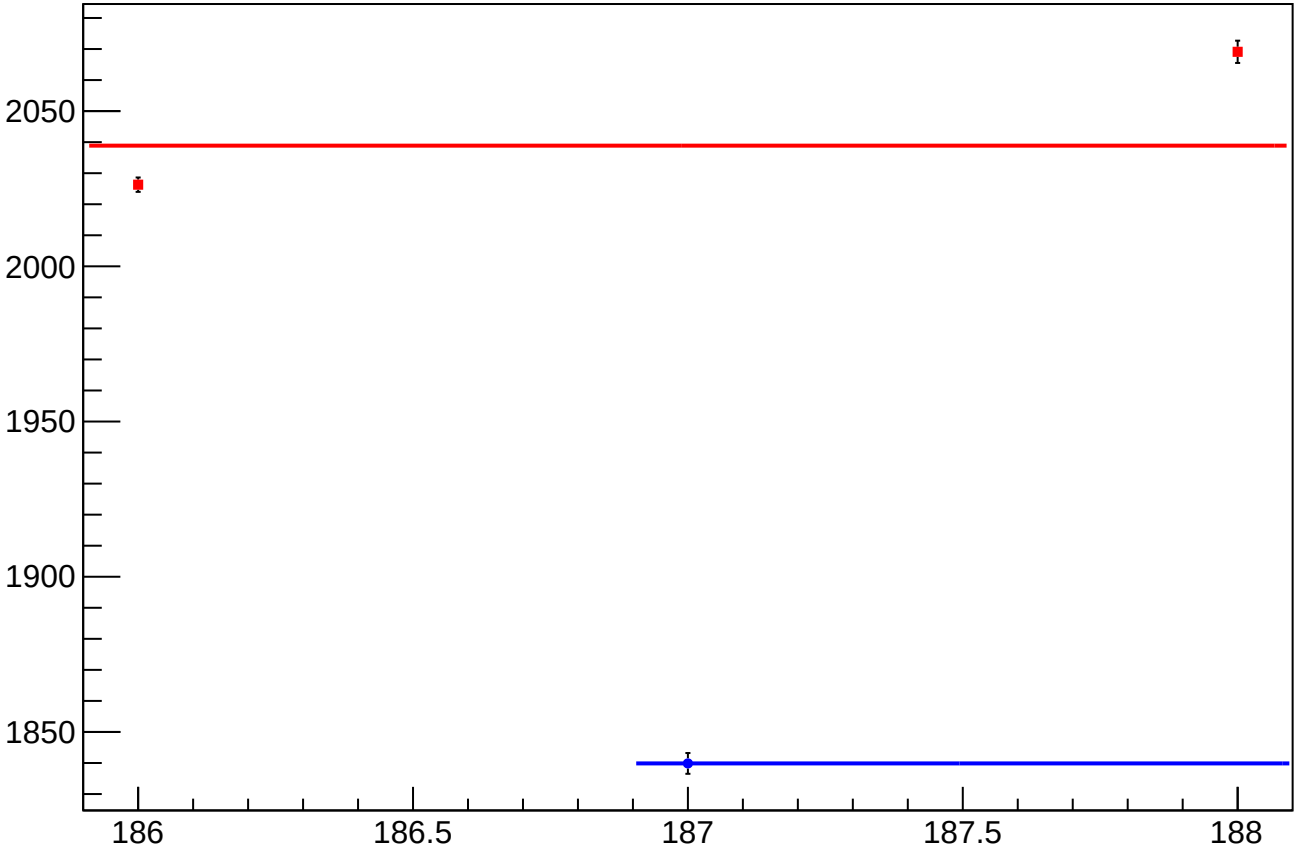
Right: 1087.308+/-2378.281 χ^2/NDF: 4.6/2

In: -7679.927+/-4731.719 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1087.308+/-2378.281 χ^2/NDF: 4.6/2

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1839.867+/-3.346 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2038.874+/-1.945 χ^2/NDF: 100.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

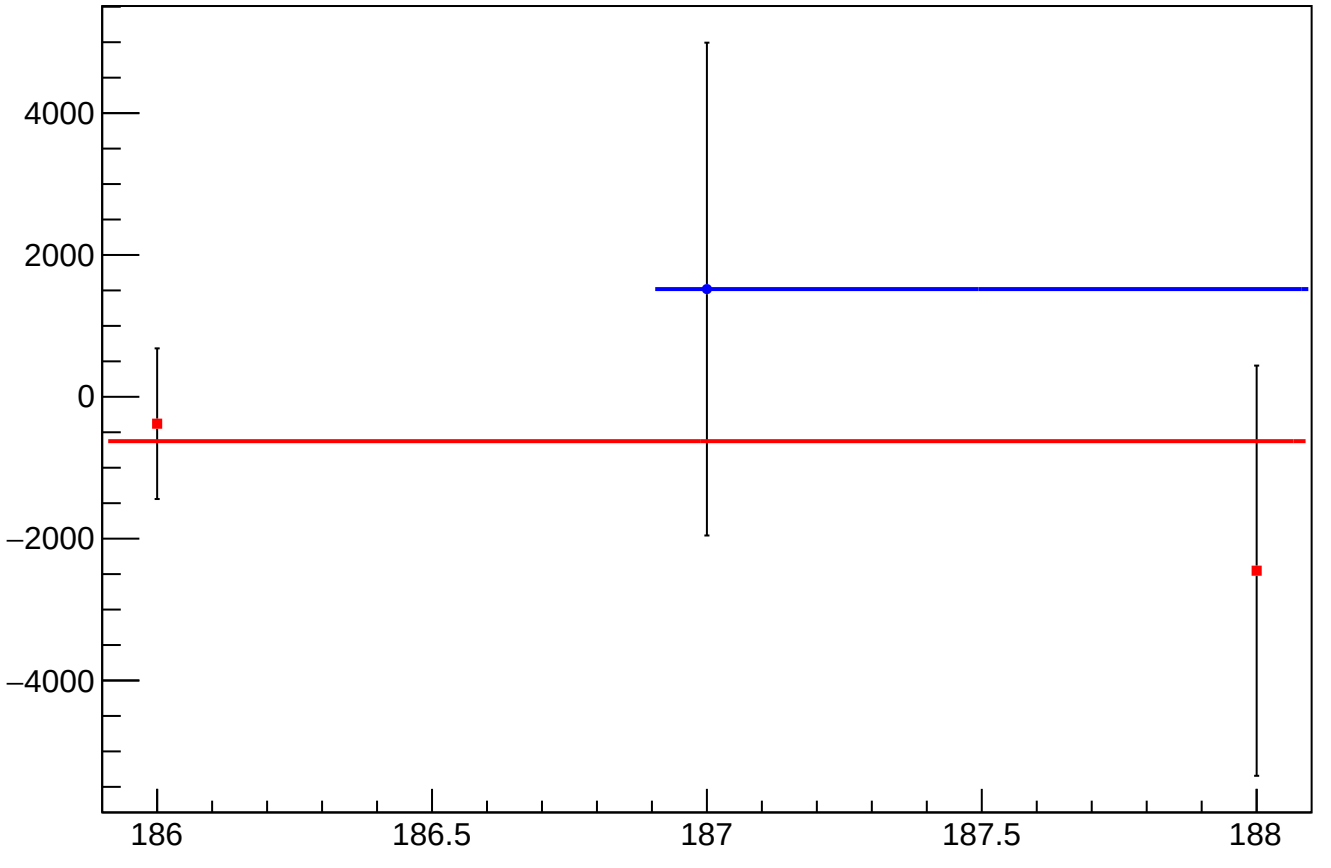
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1988.598+/-1.682 χ^2/NDF: 2744.4/2

In: 1839.867+/-3.346 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1988.598+/-1.682 χ^2/NDF: 2744.4/2



Right In: 1518.971+/-3474.573 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -625.406+/-997.048 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

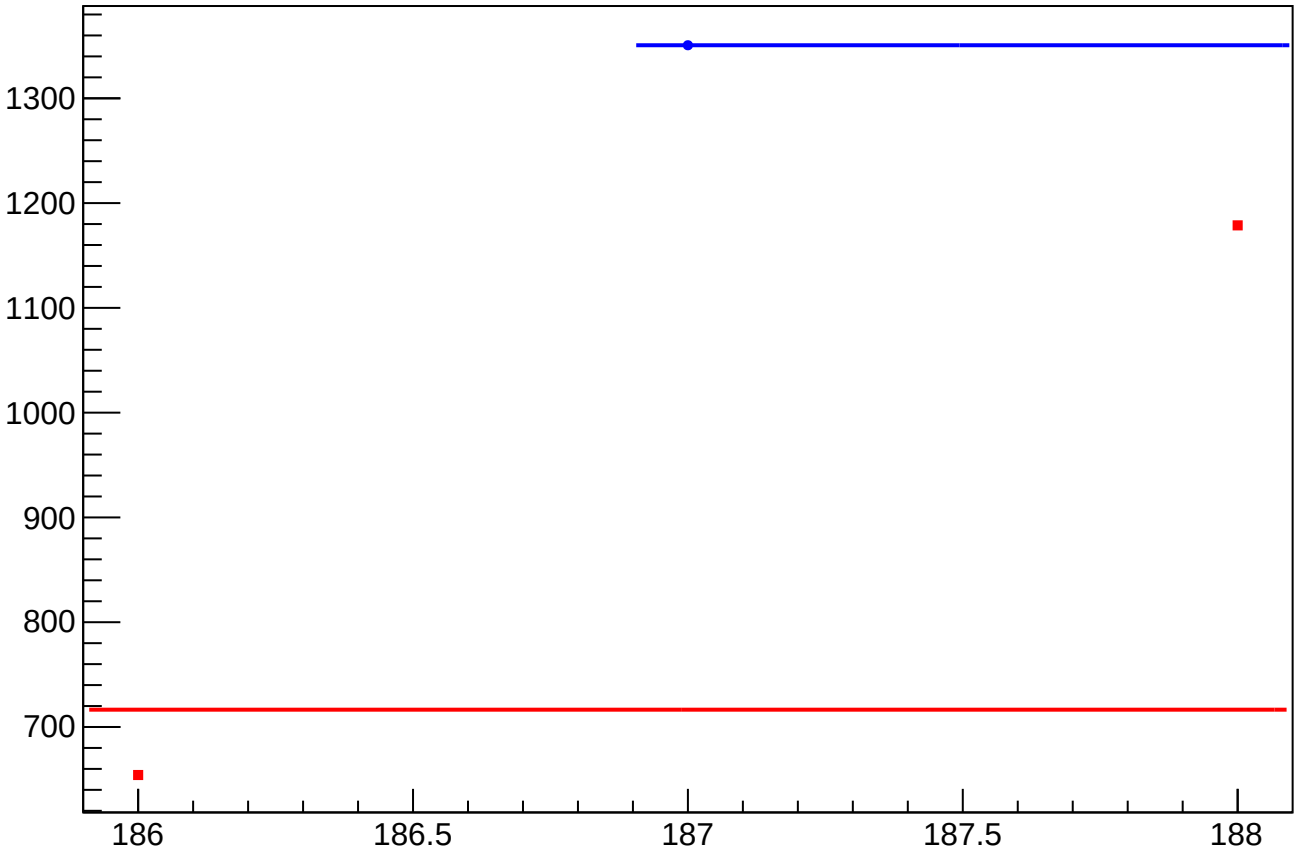
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -462.264+/-958.371 χ^2/NDF: 0.8/2

In: 1518.971+/-3474.573 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -462.264+/-958.371 χ^2/NDF: 0.8/2



Right In: 1350.648+/-2.457 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 716.518+/-0.705 χ^2/NDF: 57980.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

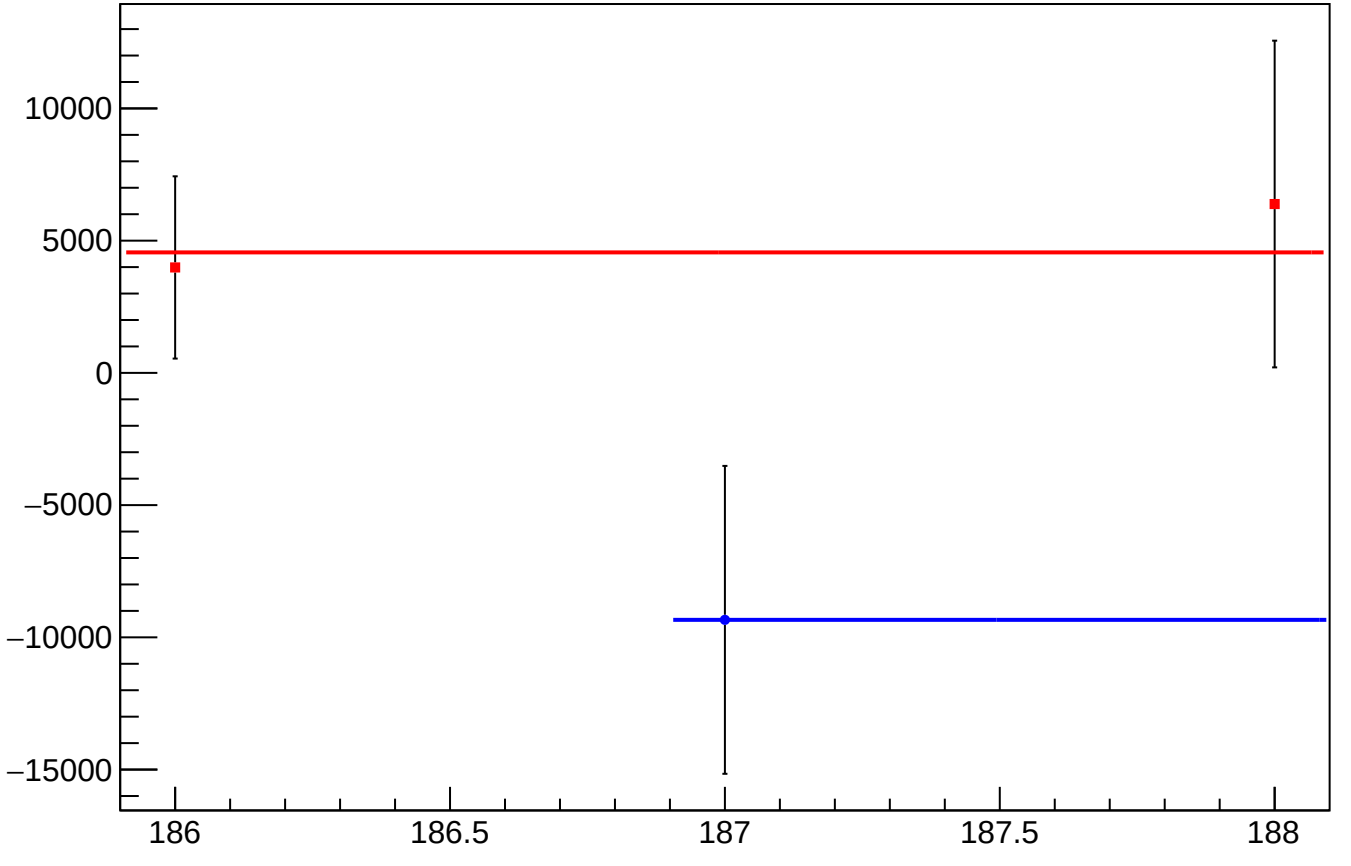
Right: 764.762+/-0.678 χ^2/NDF: 119528.8/2

In: 1350.648+/-2.457 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 764.762+/-0.678 χ^2/NDF: 119528.8/2

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -9338.750+/-5821.264 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4556.163+/-3009.511 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

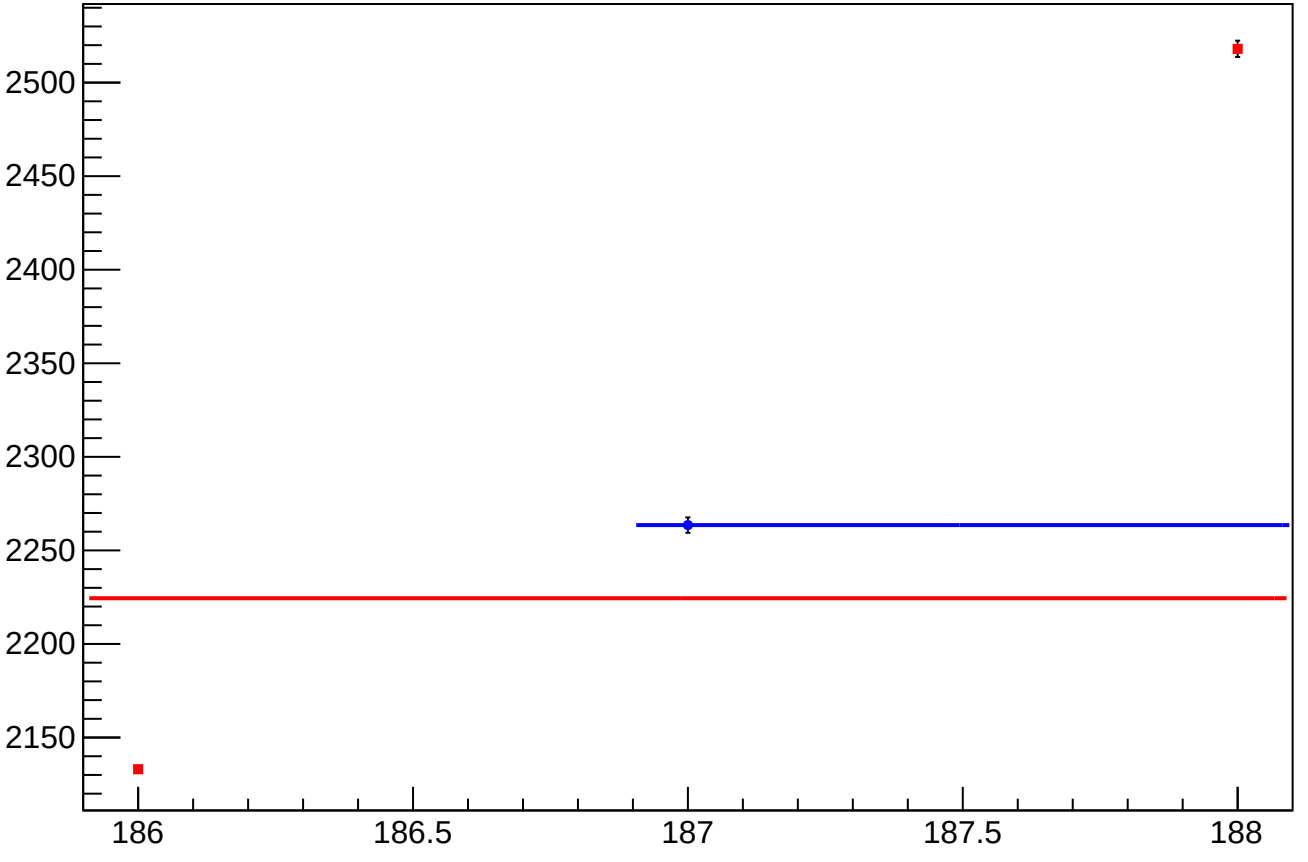
Right: 1625.657+/-2673.380 χ^2/NDF: 4.6/2

In: -9338.750+/-5821.264 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1625.657+/-2673.380 χ^2/NDF: 4.6/2

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2263.525+/-4.116 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2224.433+/-2.128 χ^2/NDF: 5924.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

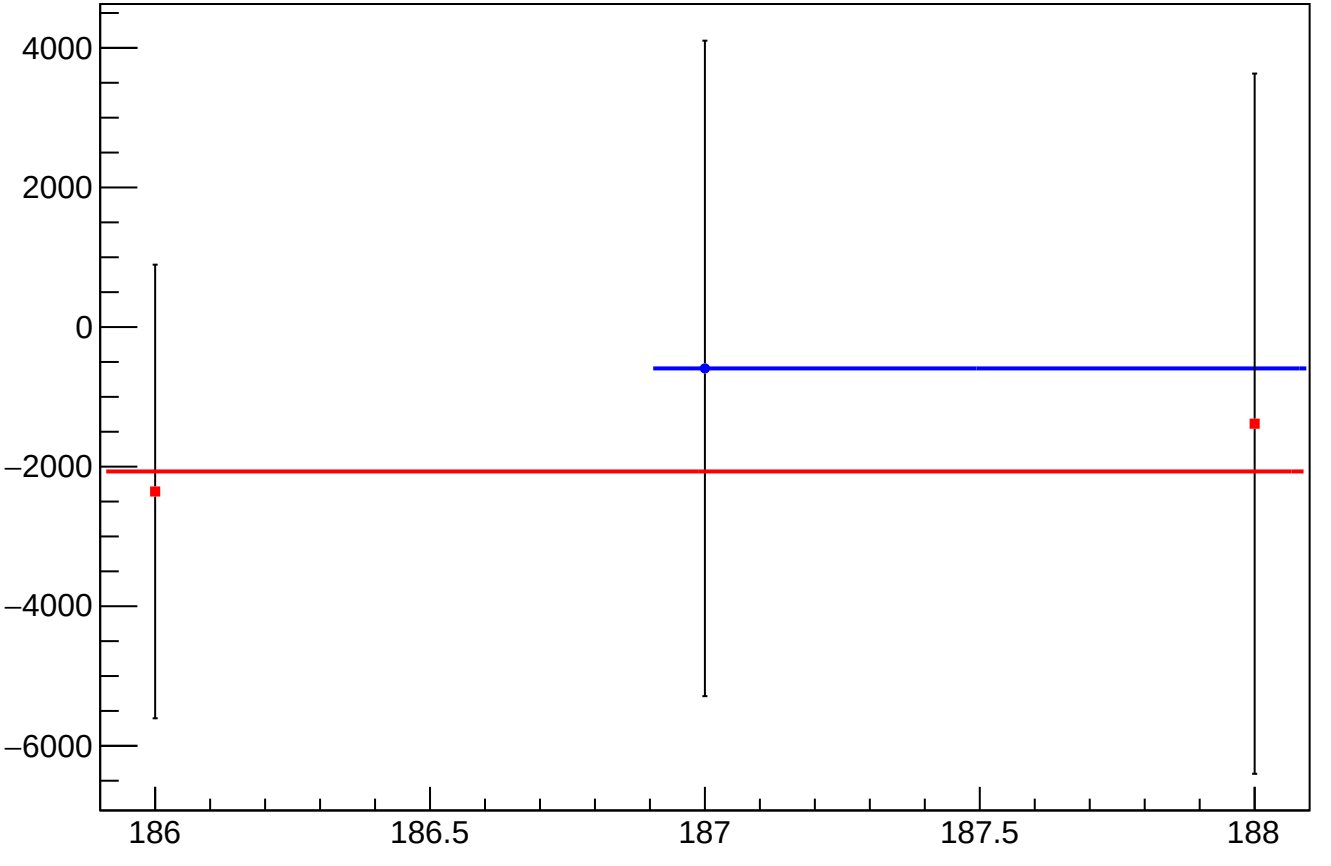
Right: 2232.678+/-1.890 χ^2/NDF: 5995.6/2

In: 2263.525+/-4.116 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2232.678+/-1.890 χ^2/NDF: 5995.6/2

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -592.523+/-4695.846 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2068.645+/-2727.479 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

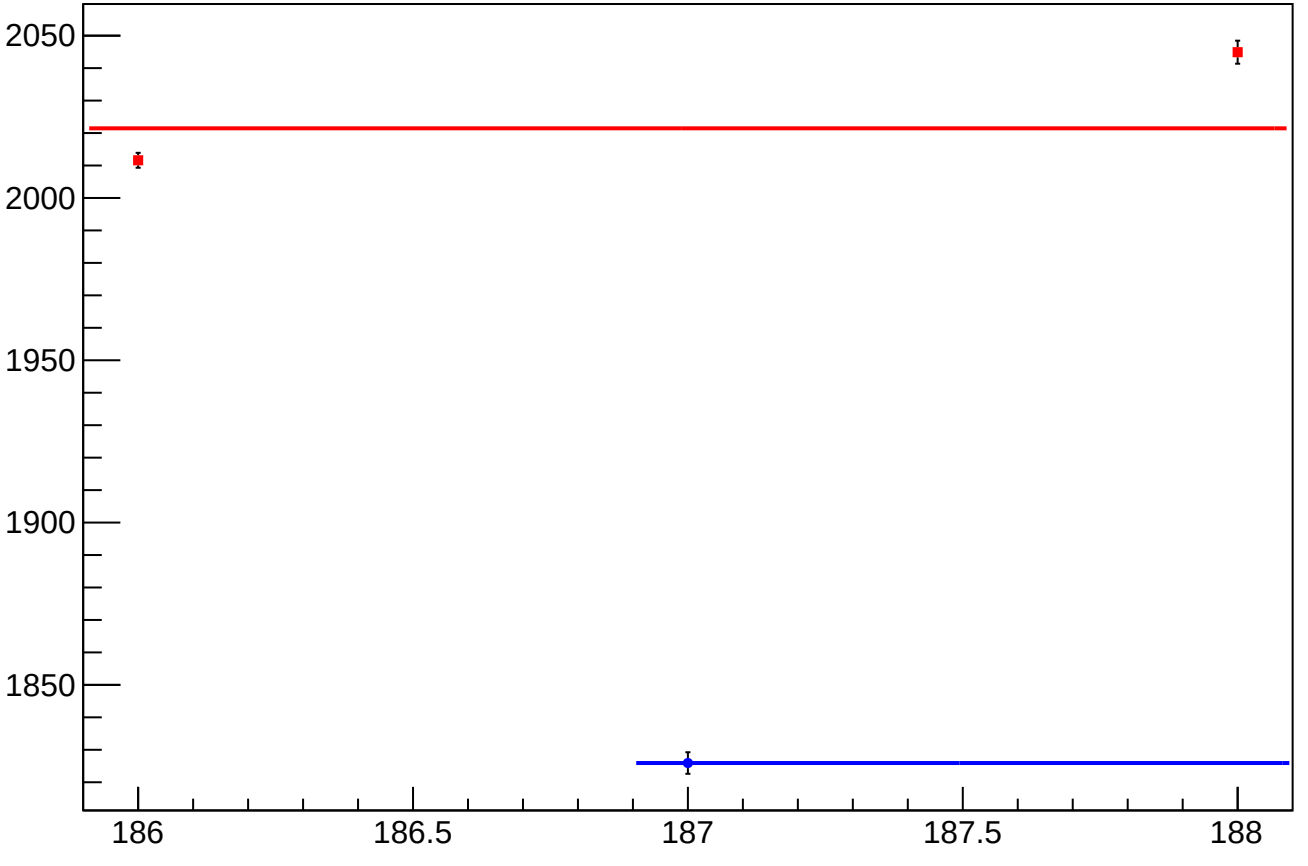
Right: -1696.280+/-2358.507 χ^2/NDF: 0.1/2

In: -592.523+/-4695.846 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1696.280+/-2358.507 χ^2/NDF: 0.1/2

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1825.925+/-3.320 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2021.455+/-1.929 χ^2/NDF: 62.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

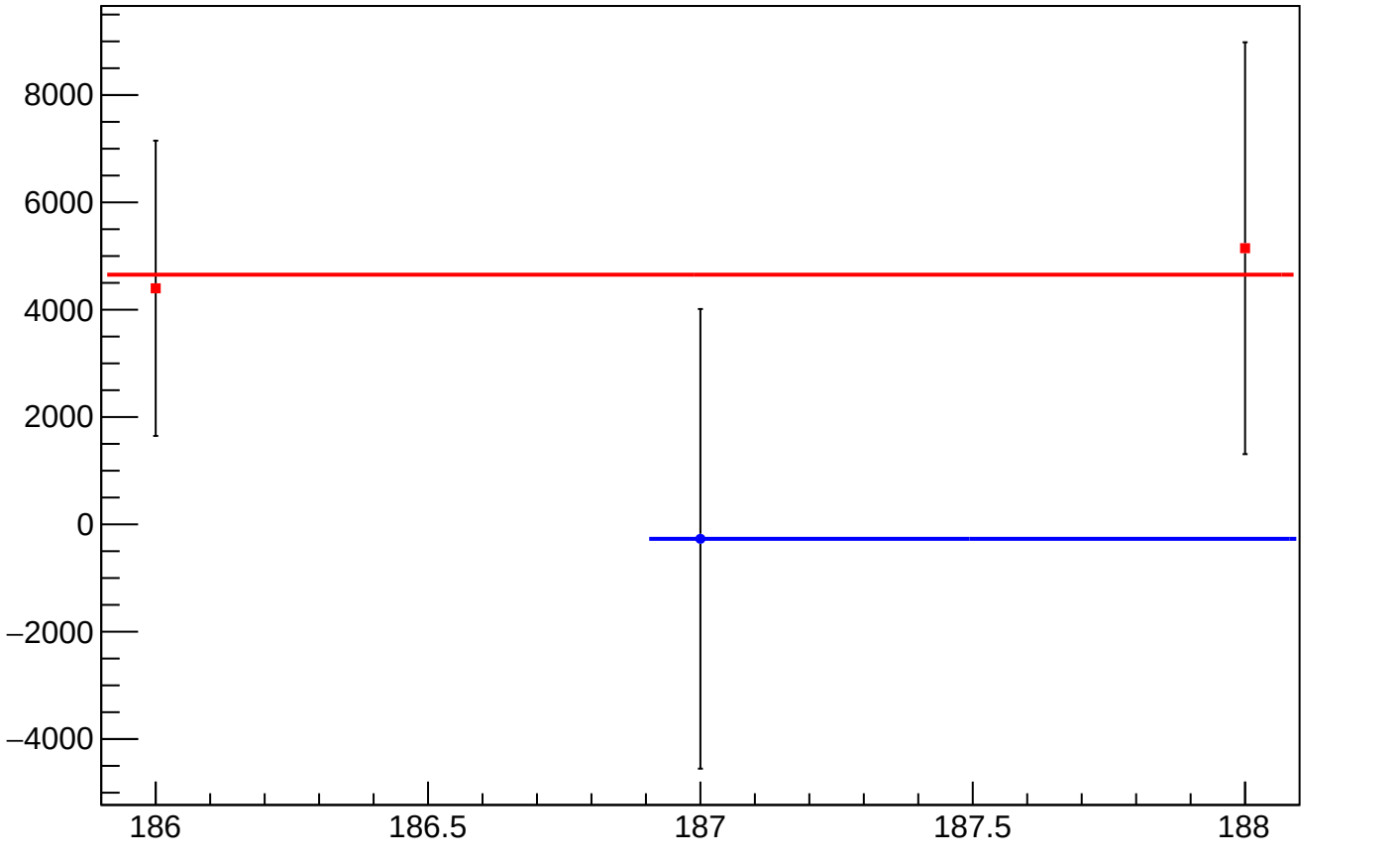
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1972.131+/-1.668 χ^2/NDF: 2654.9/2

In: 1825.925+/-3.320 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1972.131+/-1.668 χ^2/NDF: 2654.9/2



Right In: -269.475+/-4282.385 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4652.559+/-2235.527 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

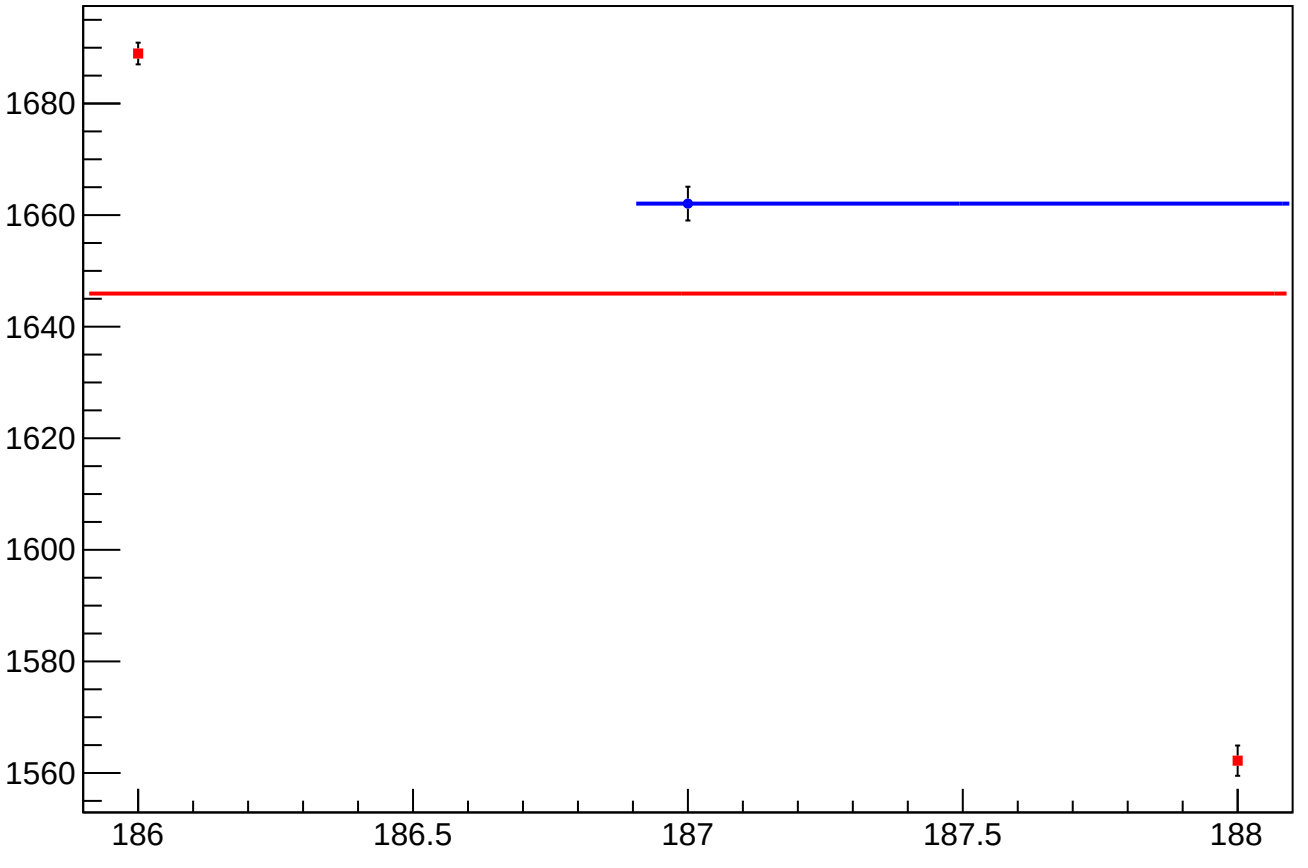
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3598.487+/-1981.749 χ^2/NDF: 1.1/2

In: -269.475+/-4282.385 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3598.487+/-1981.749 χ^2/NDF: 1.1/2



Right In: 1662.058+/-3.028 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1645.936+/-1.581 χ^2/NDF: 1441.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

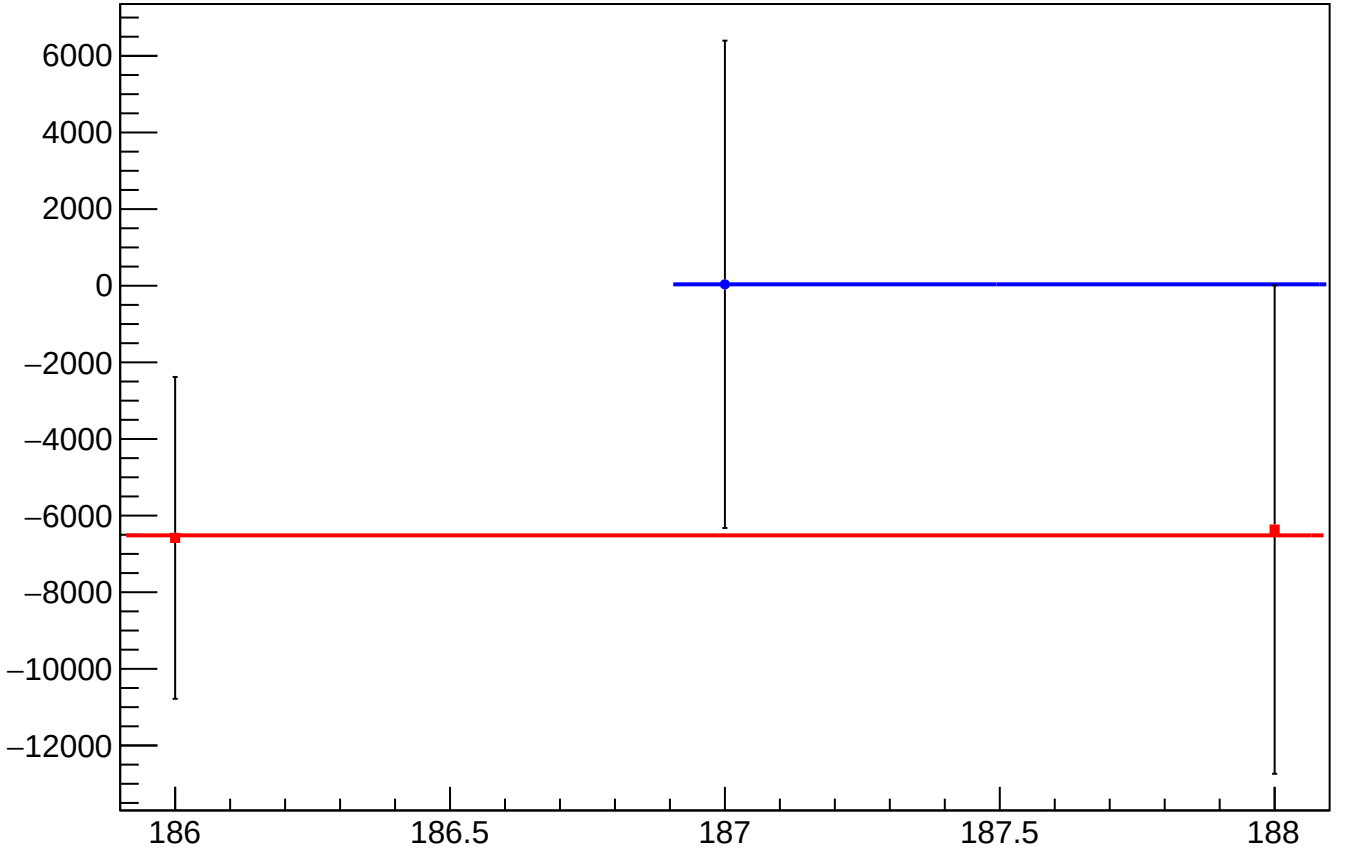
Right: 1649.389+/-1.401 χ^2/NDF: 1463.9/2

In: 1662.058+/-3.028 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1649.389+/-1.401 χ^2/NDF: 1463.9/2

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 36.339+/-6360.237 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6515.613+/-3507.591 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

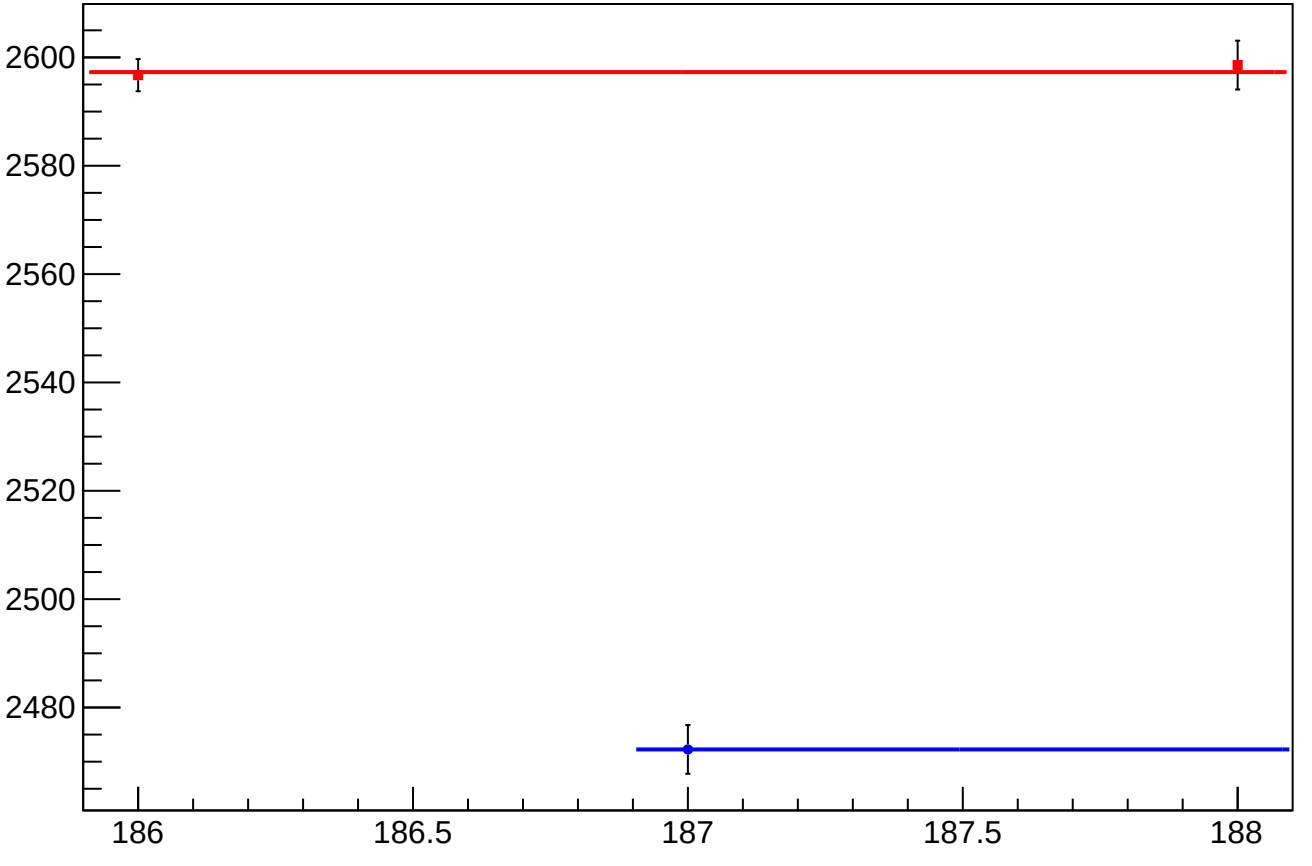
Right: -4987.631+/-3071.476 χ^2/NDF: 0.8/2

In: 36.339+/-6360.237 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4987.631+/-3071.476 χ^2/NDF: 0.8/2

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2472.259+/-4.497 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2597.287+/-2.480 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

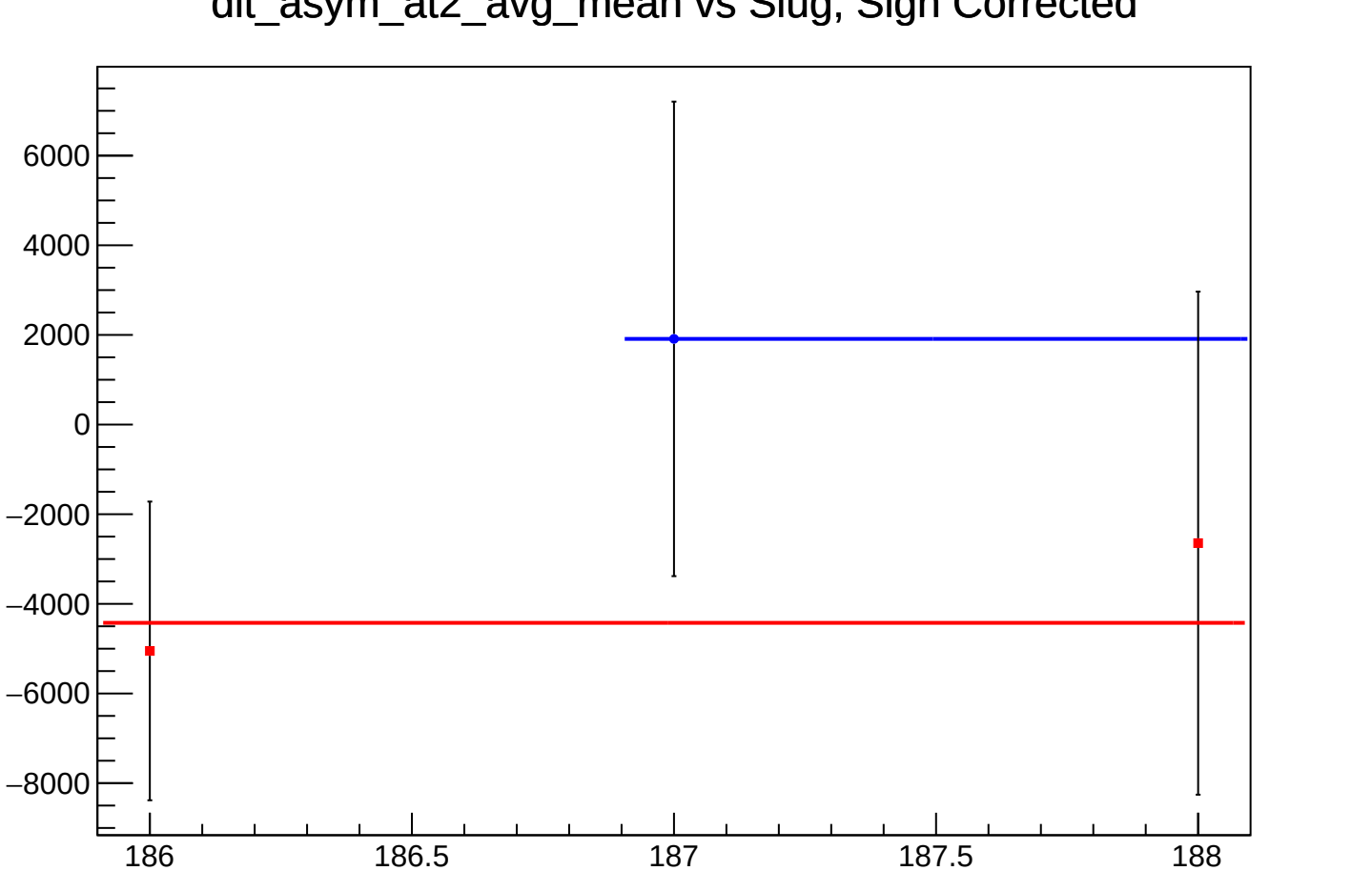
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2568.129+/-2.172 χ^2/NDF: 592.7/2

In: 2472.259+/-4.497 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2568.129+/-2.172 χ^2/NDF: 592.7/2



Right In: 1911.386+/-5293.037 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4423.494+/-2865.142 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

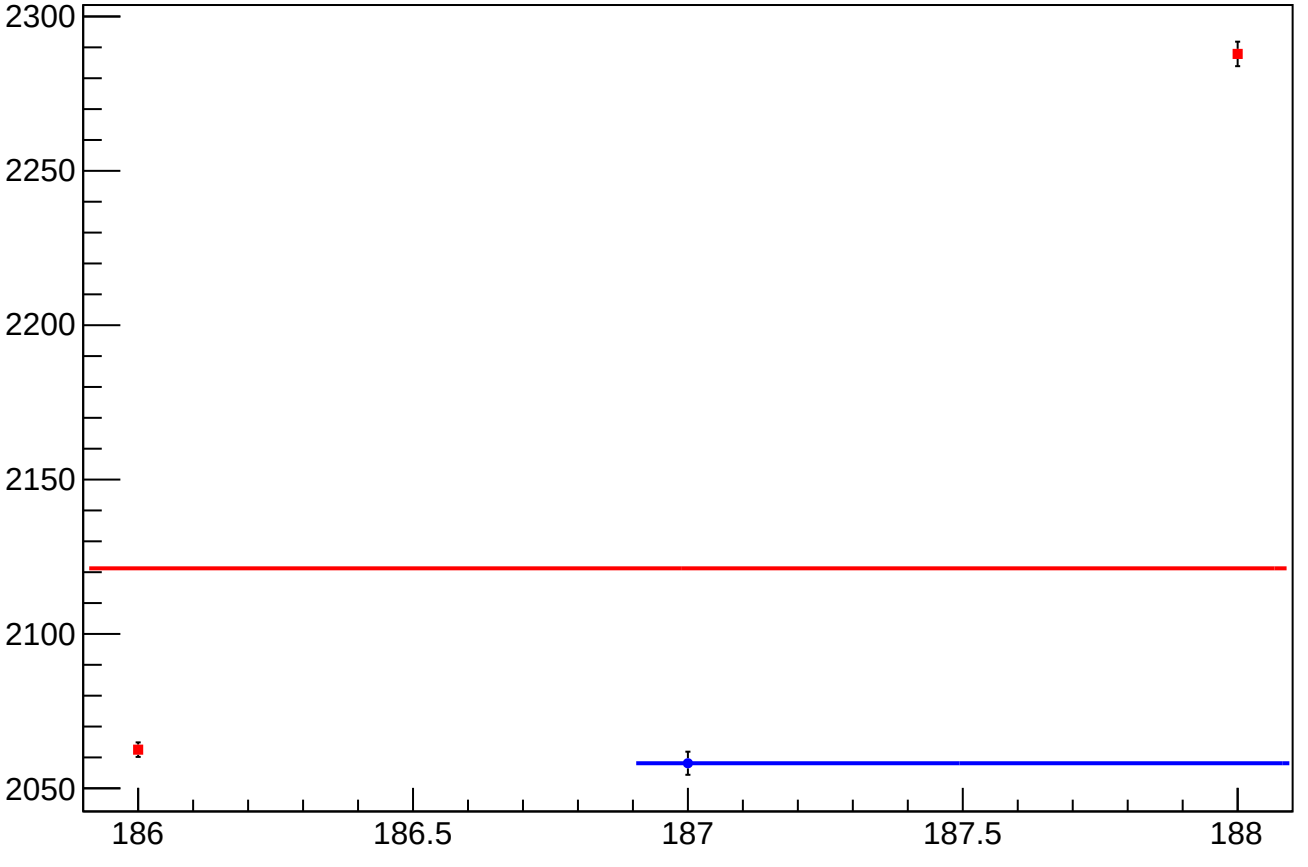
Right: -2987.942+/-2519.679 χ^2/NDF: 1.2/2

In: 1911.386+/-5293.037 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2987.942+/-2519.679 χ^2/NDF: 1.2/2

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2058.115+/-3.743 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2121.251+/-2.026 χ^2/NDF: 2384.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

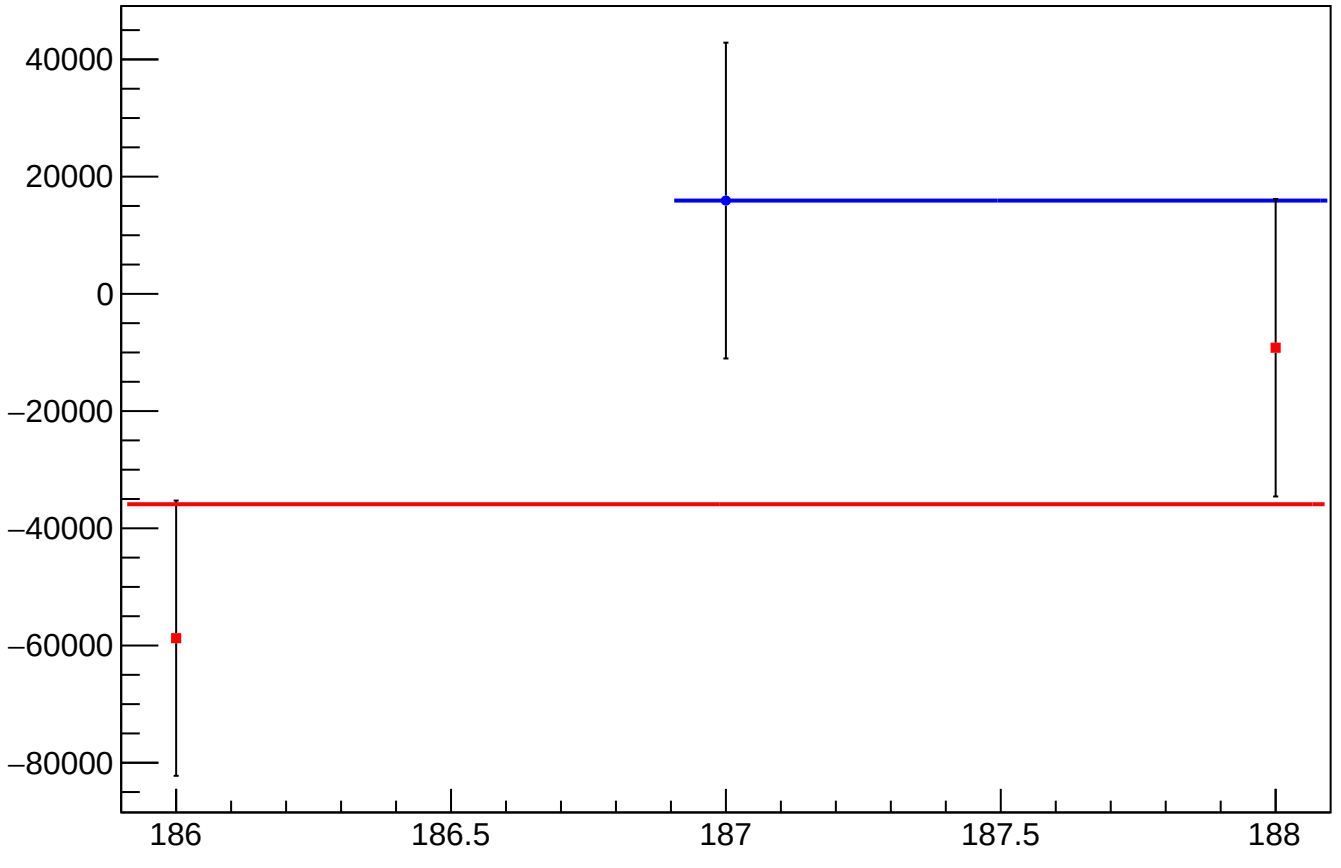
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2106.943+/-1.782 χ^2/NDF: 2604.3/2

In: 2058.115+/-3.743 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2106.943+/-1.782 χ^2/NDF: 2604.3/2



Right In: 15917.561+/-26941.543 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -35890.716+/-17235.576 χ^2/NDF: 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

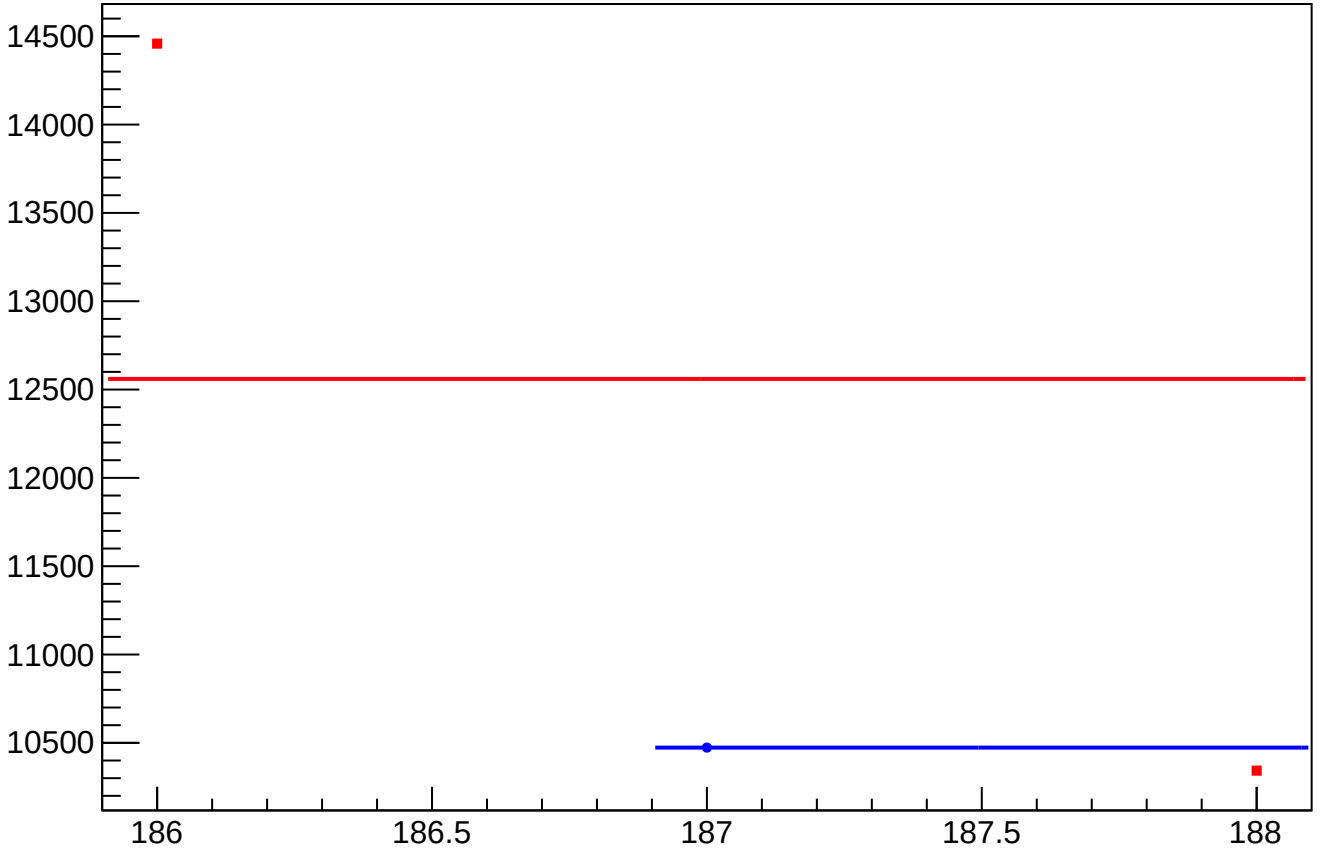
Right: -20845.010+/-14518.748 χ^2/NDF: 4.7/2

In: 15917.561+/-26941.543 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -20845.010+/-14518.748 χ^2/NDF: 4.7/2

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 10473.059+/-19.051 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12560.269+/-12.187 χ^2/NDF: 28338.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

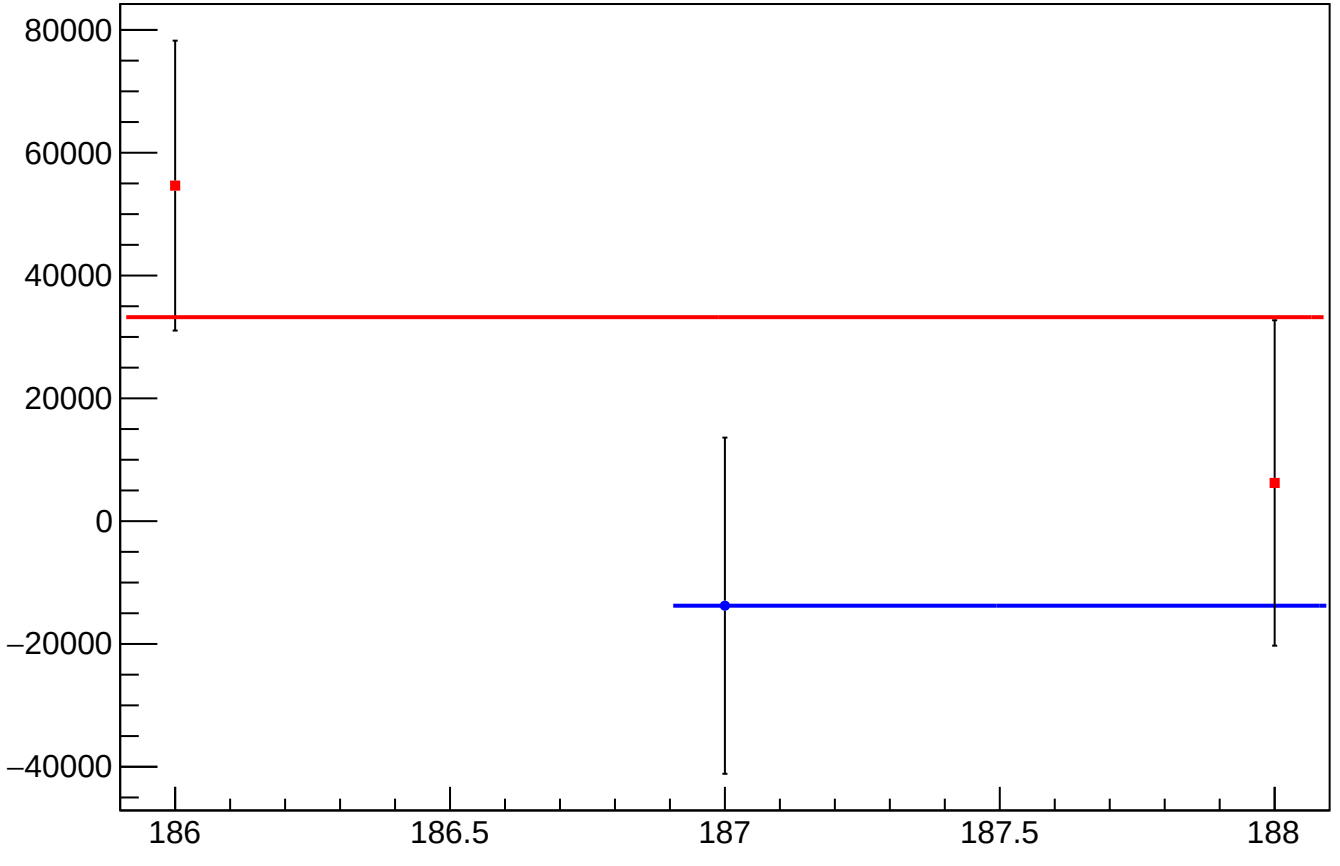
Right: 11954.120+/-10.266 χ^2/NDF: 36855.8/2

In: 10473.059+/-19.051 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11954.120+/-10.266 χ^2/NDF: 36855.8/2

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -13768.330+/-27376.356 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 33221.537+/-17626.684 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

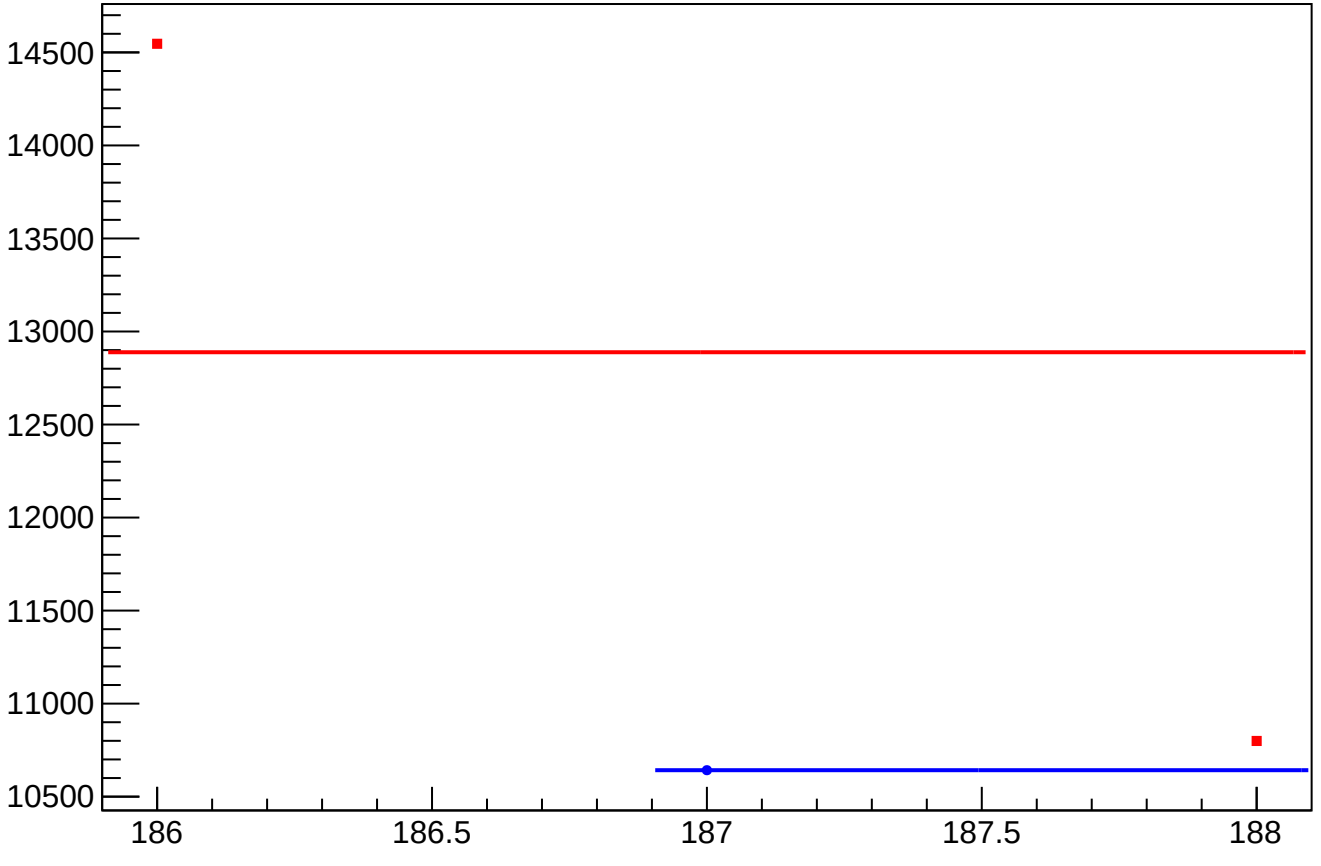
Right: 19450.330+/-14820.387 χ^2/NDF: 3.9/2

In: -13768.330+/-27376.356 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 19450.330+/-14820.387 χ^2/NDF: 3.9/2

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 10642.178+/-19.358 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12888.547+/-12.464 χ^2/NDF: 22295.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

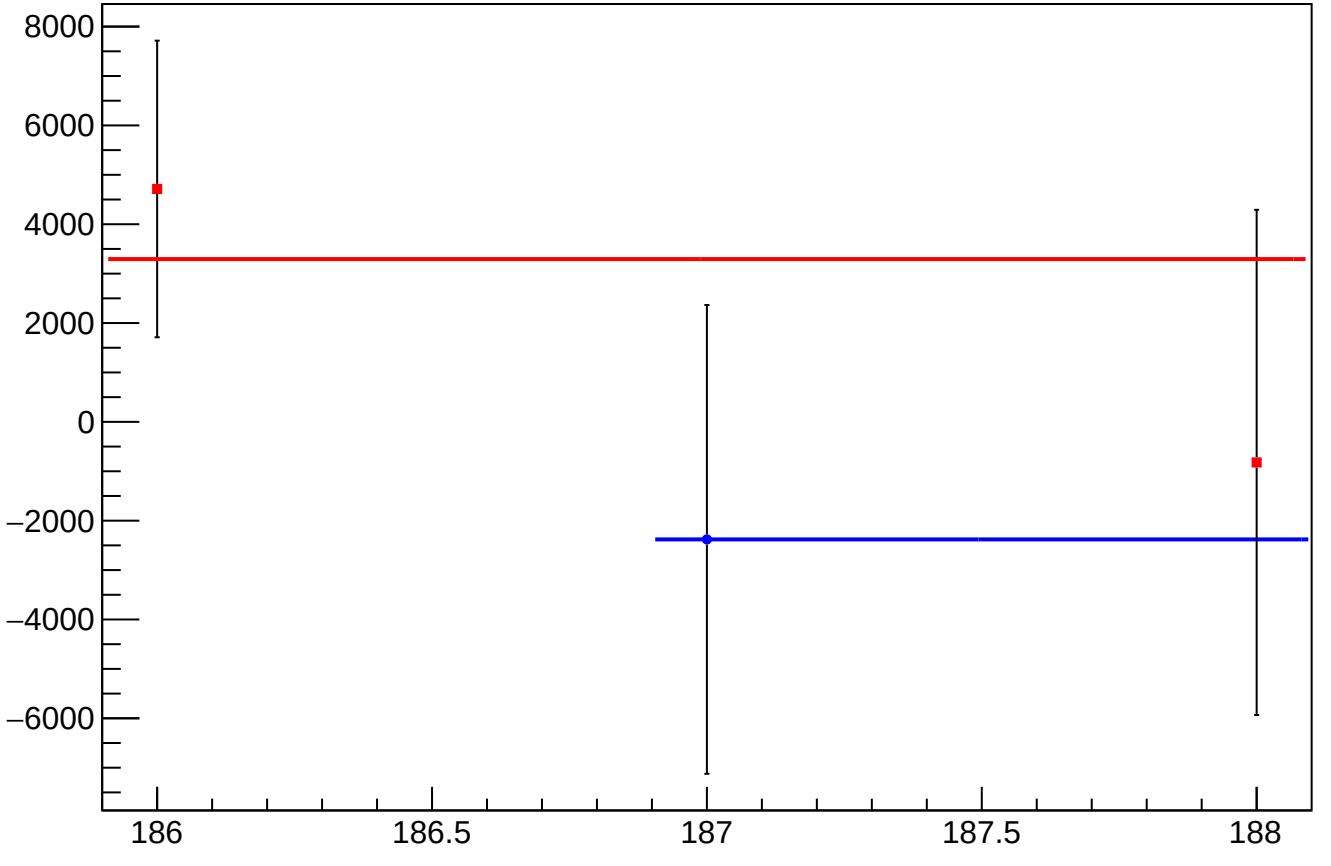
Right: 12230.209+/-10.480 χ^2/NDF: 31815.2/2

In: 10642.178+/-19.358 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 12230.209+/-10.480 χ^2/NDF: 31815.2/2

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -2379.197+/-4744.194 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3294.981+/-2588.568 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

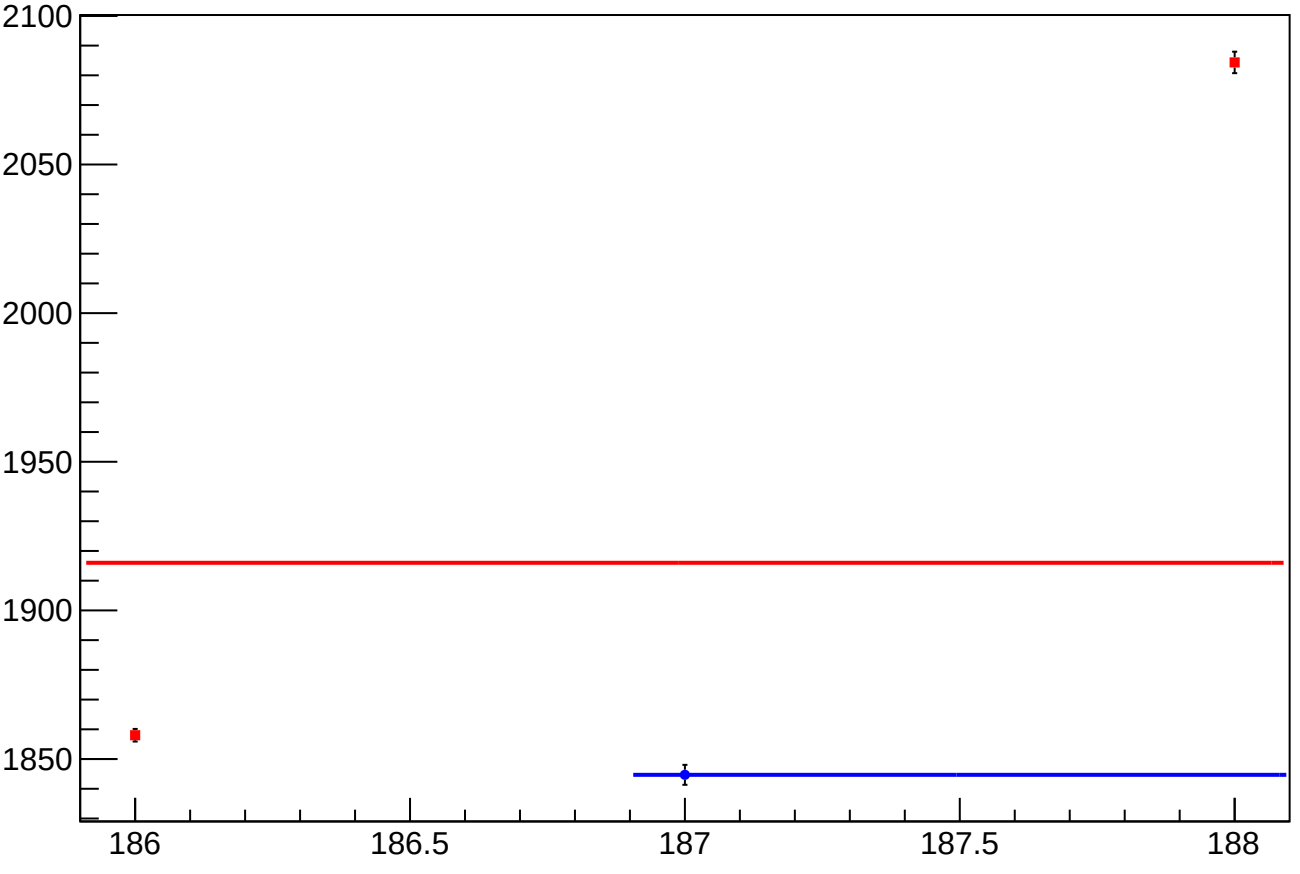
Right: 1993.256+/-2272.326 χ^2/NDF: 2.0/2

In: -2379.197+/-4744.194 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1993.256+/-2272.326 χ^2/NDF: 2.0/2

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1844.691+/-3.355 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1916.020+/-1.830 χ^2/NDF: 2914.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

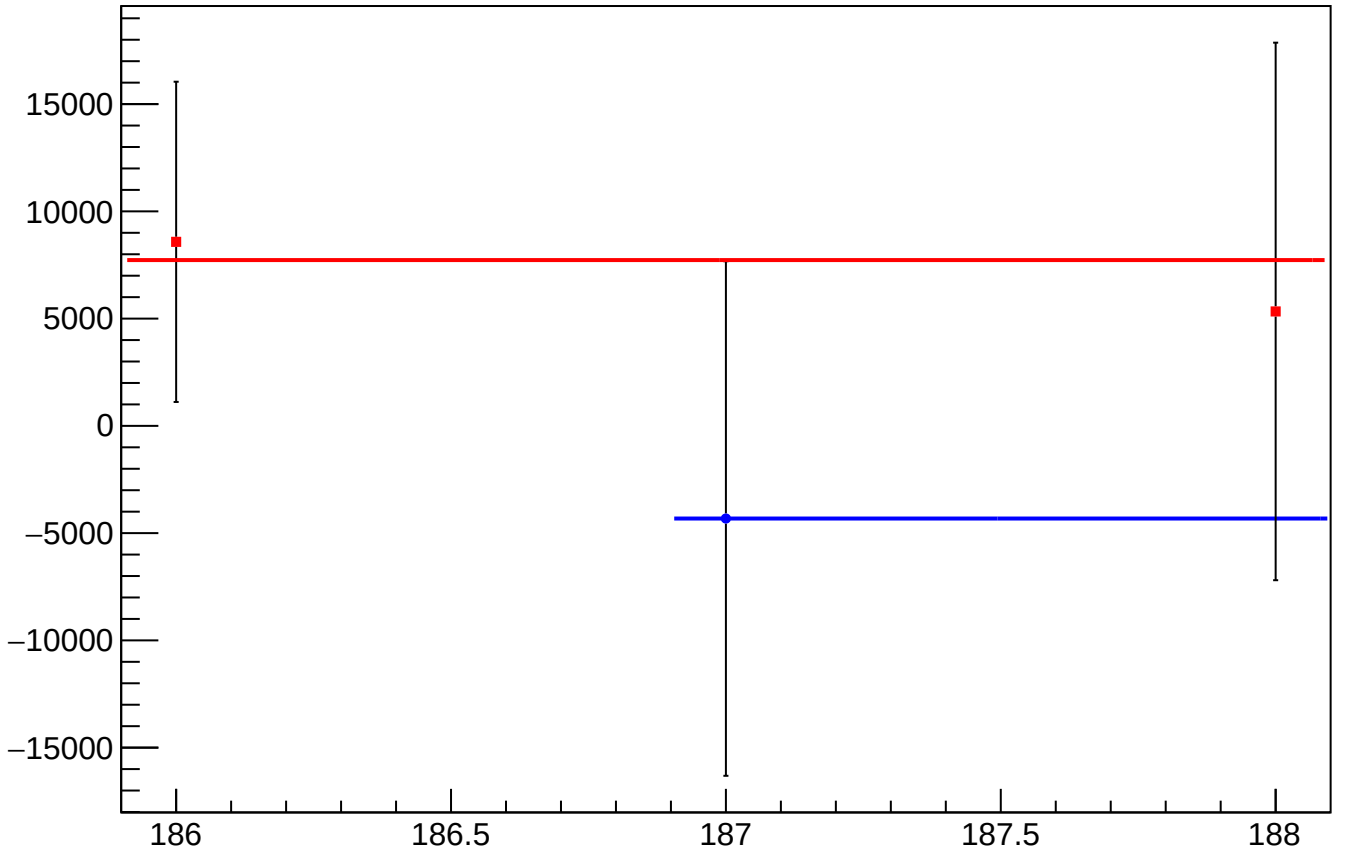
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1899.656+/-1.607 χ^2/NDF: 3262.8/2

In: 1844.691+/-3.355 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1899.656+/-1.607 χ^2/NDF: 3262.8/2



Right In: -4319.803+/-11993.231 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7728.727+/-6412.805 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

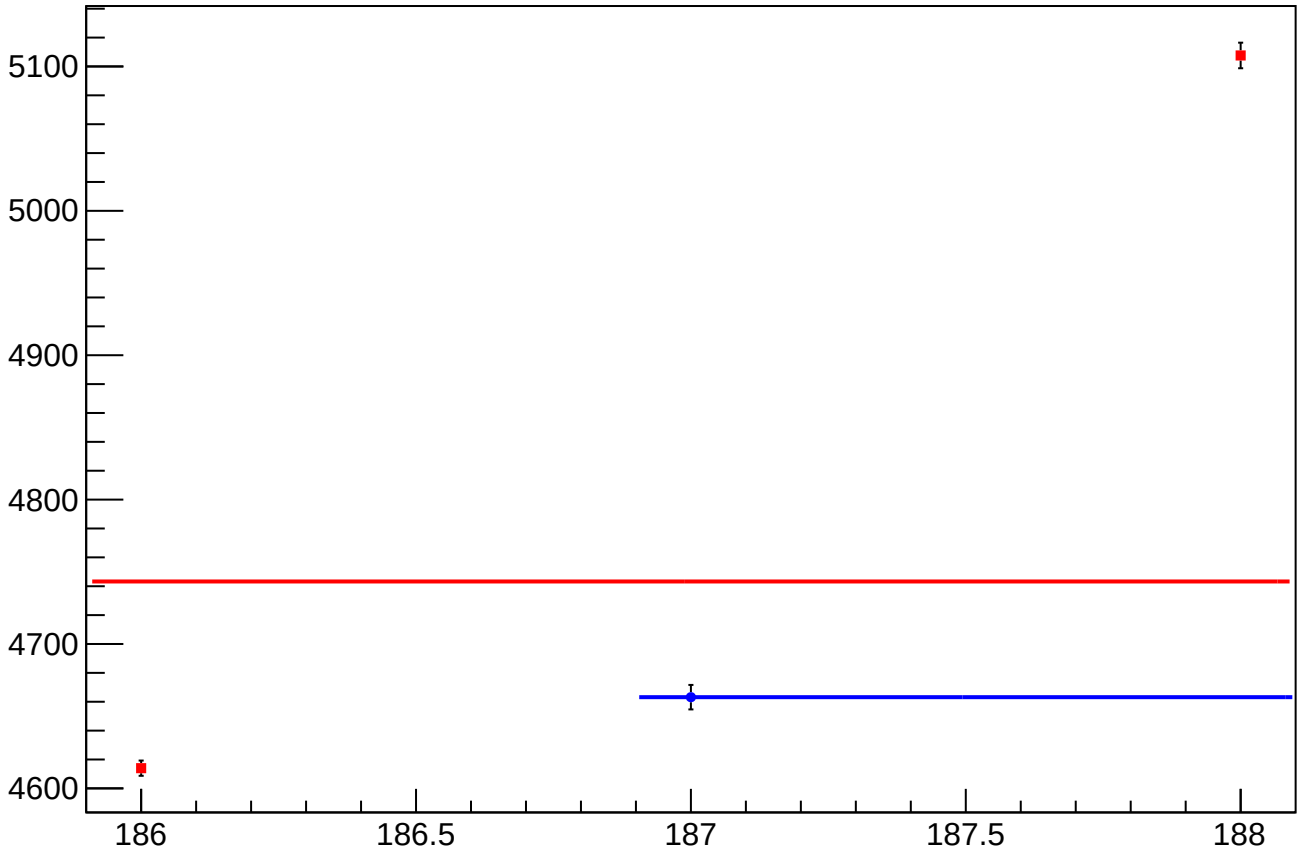
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5049.877+/-5655.140 χ^2/NDF: 0.8/2

In: -4319.803+/-11993.231 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5049.877+/-5655.140 χ^2/NDF: 0.8/2



Right In: 4663.166+/-8.480 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4743.297+/-4.535 χ^2/NDF: 2291.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

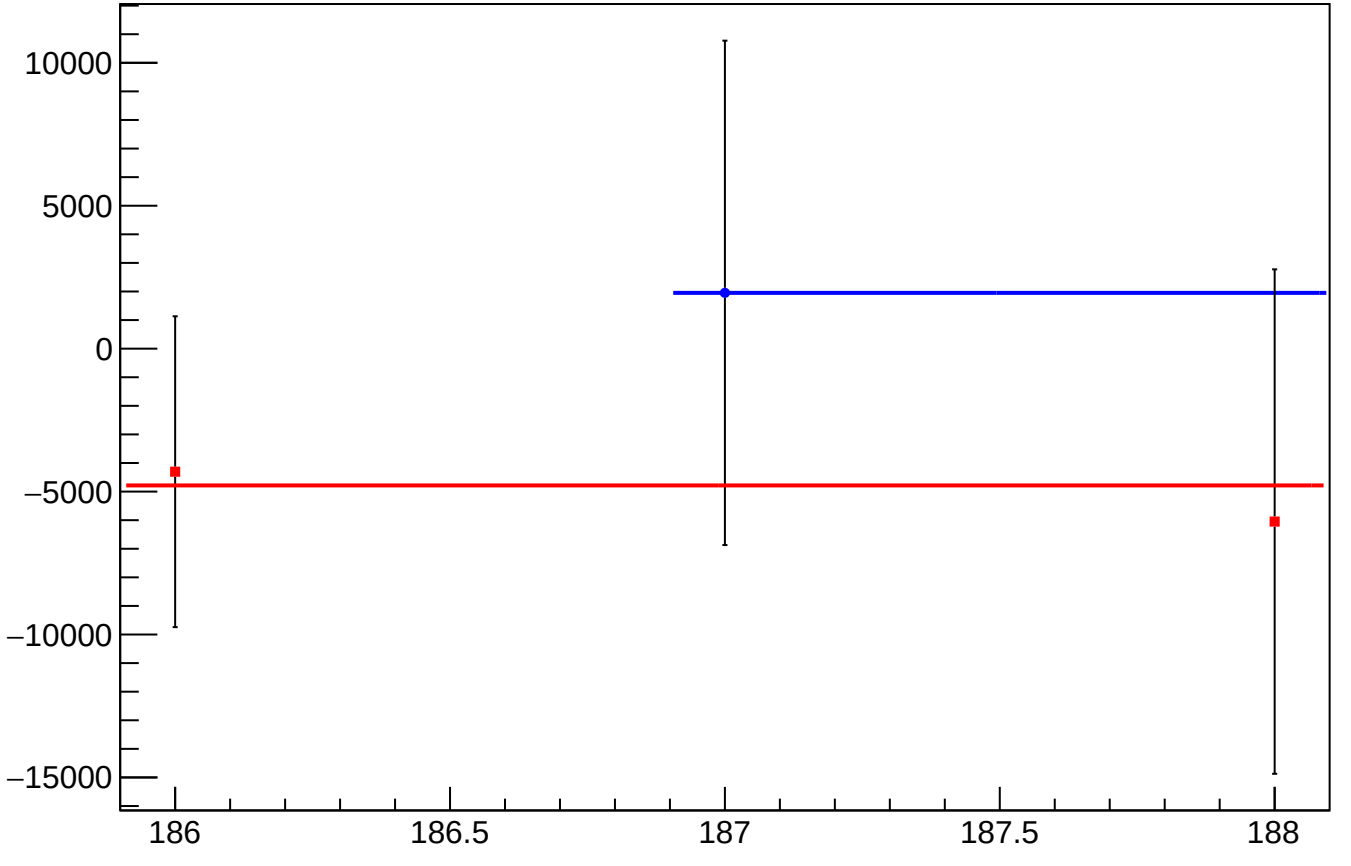
Right: 4725.481+/-3.999 χ^2/NDF: 2360.5/2

In: 4663.166+/-8.480 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4725.481+/-3.999 χ^2/NDF: 2360.5/2

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1951.893+/-8822.384 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4784.524+/-4628.689 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

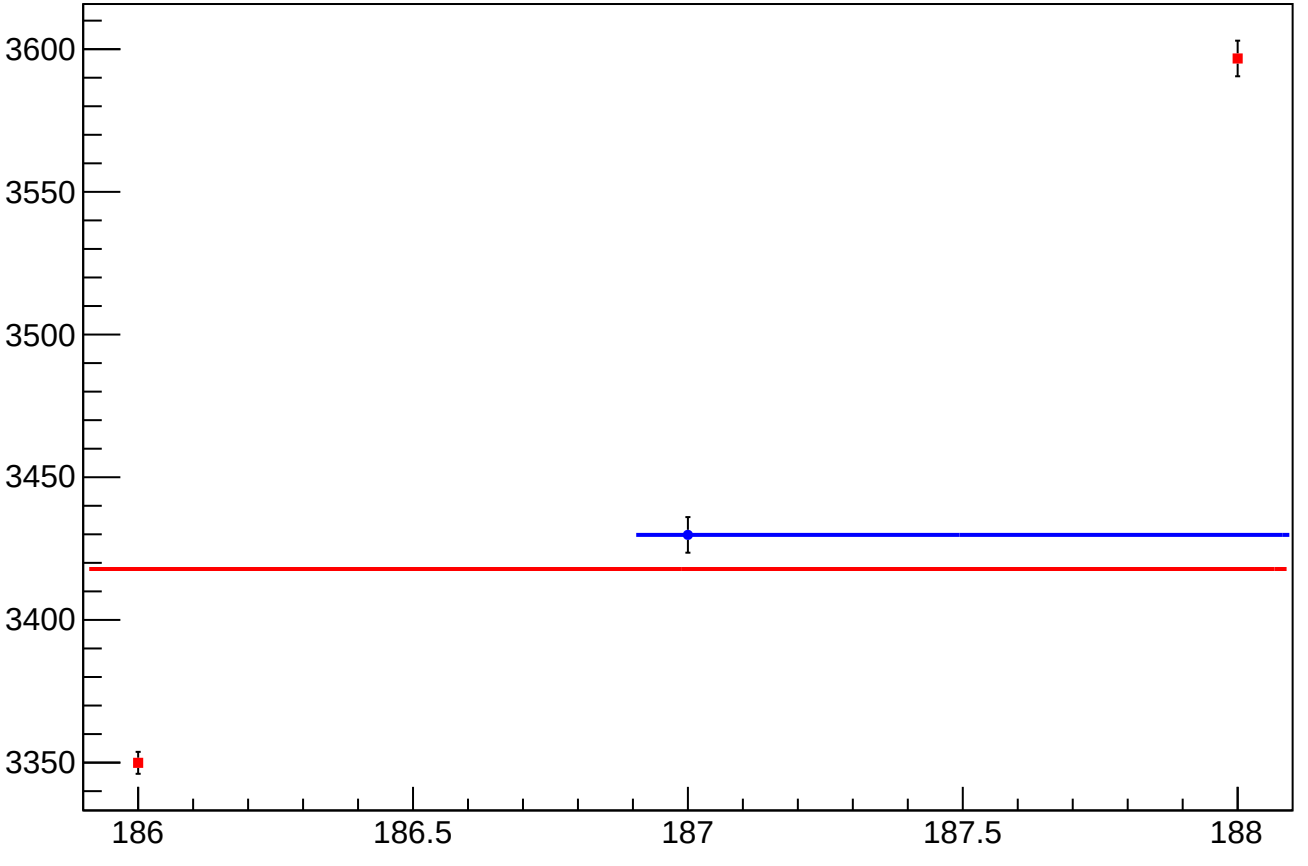
Right: -3330.491+/-4098.817 χ^2/NDF: 0.5/2

In: 1951.893+/-8822.384 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3330.491+/-4098.817 χ^2/NDF: 0.5/2

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 3429.798+/-6.238 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3417.845+/-3.273 χ^2/NDF: 1134.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

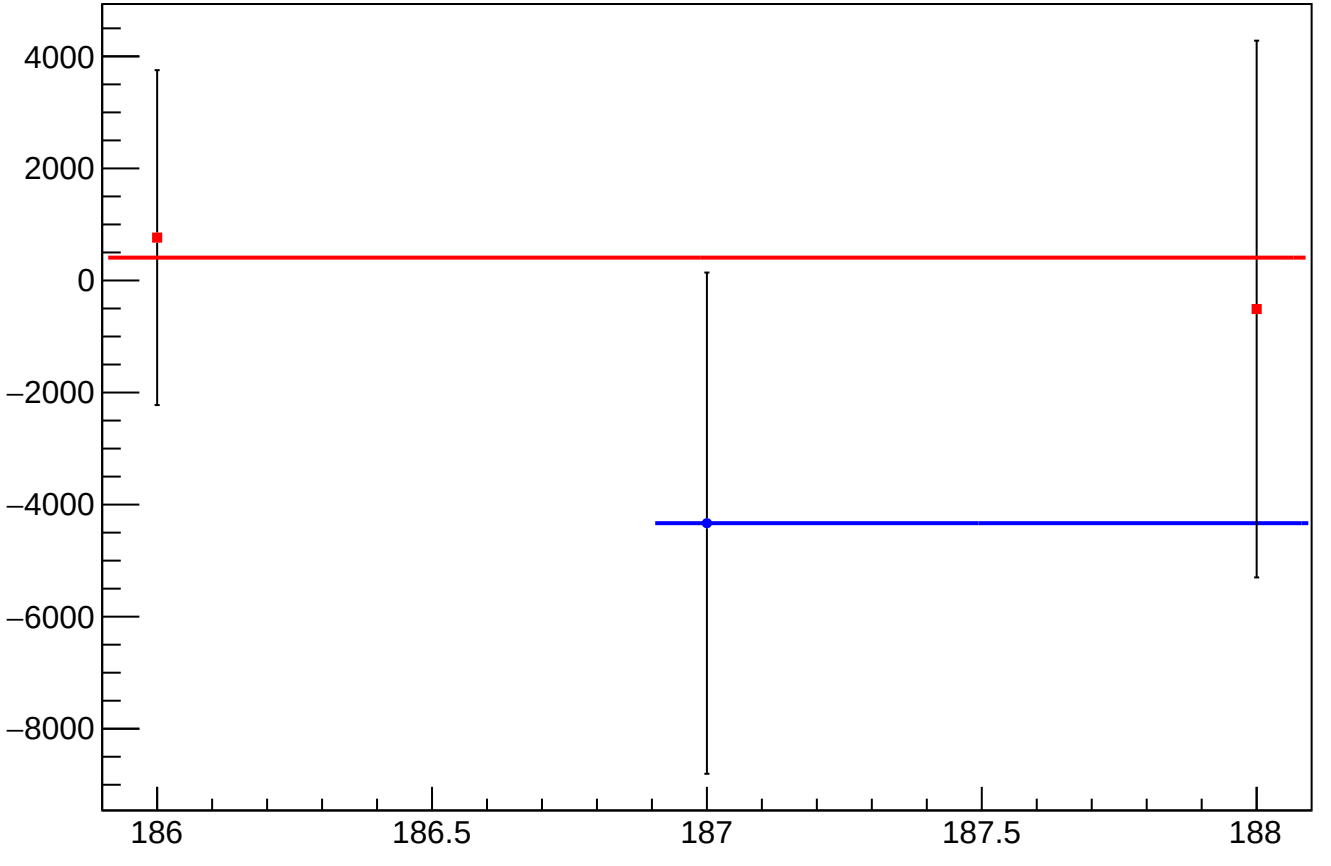
Right: 3420.425+/-2.898 χ^2/NDF: 1137.1/2

In: 3429.798+/-6.238 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3420.425+/-2.898 χ^2/NDF: 1137.1/2

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: -4331.558+/-4472.839 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 407.940+/-2535.517 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

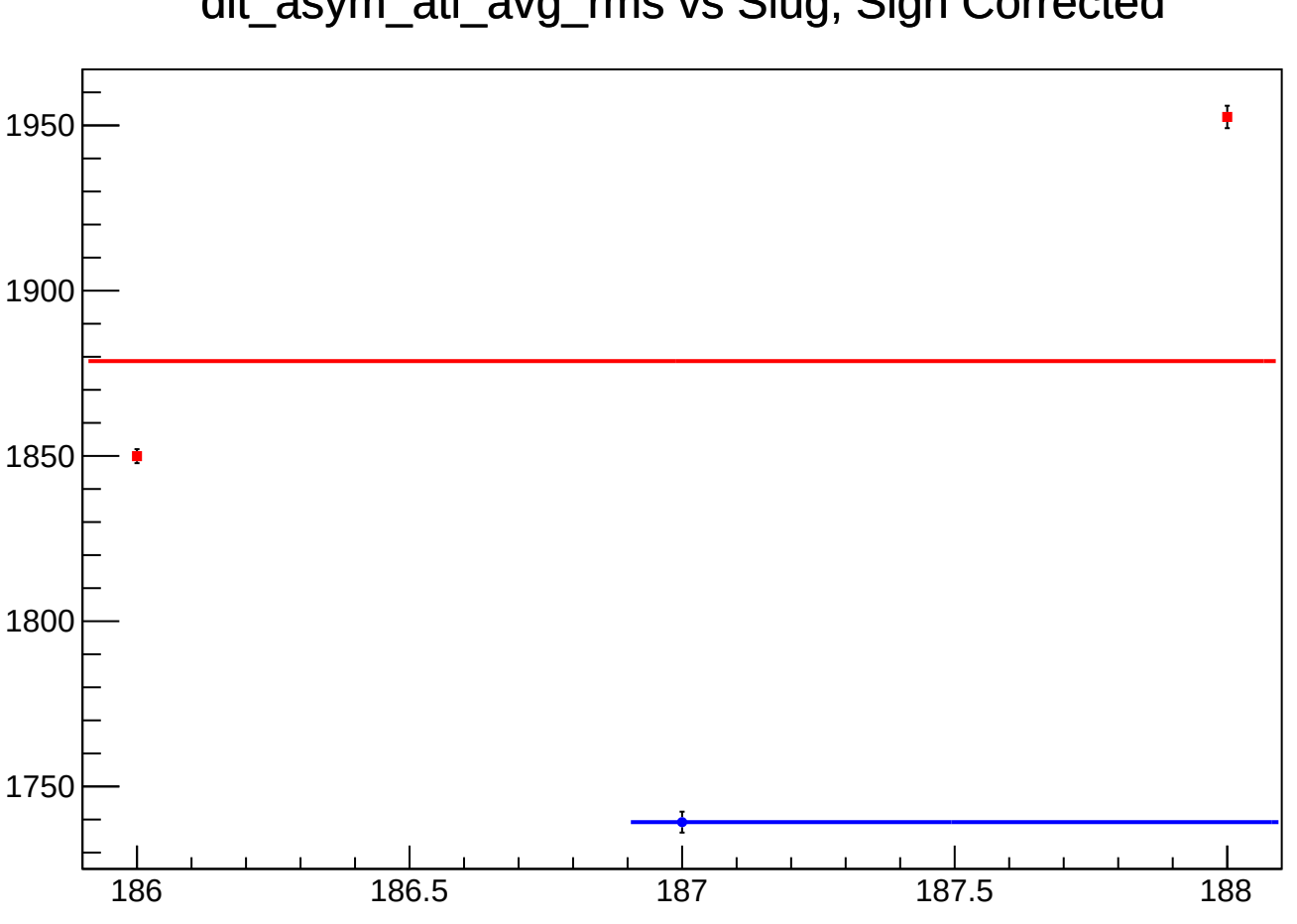
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -744.674+/-2205.764 χ^2/NDF: 0.9/2

In: -4331.558+/-4472.839 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -744.674+/-2205.764 χ^2/NDF: 0.9/2



Right In: 1739.211+/-3.163 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1878.695+/-1.793 χ^2/NDF: 660.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

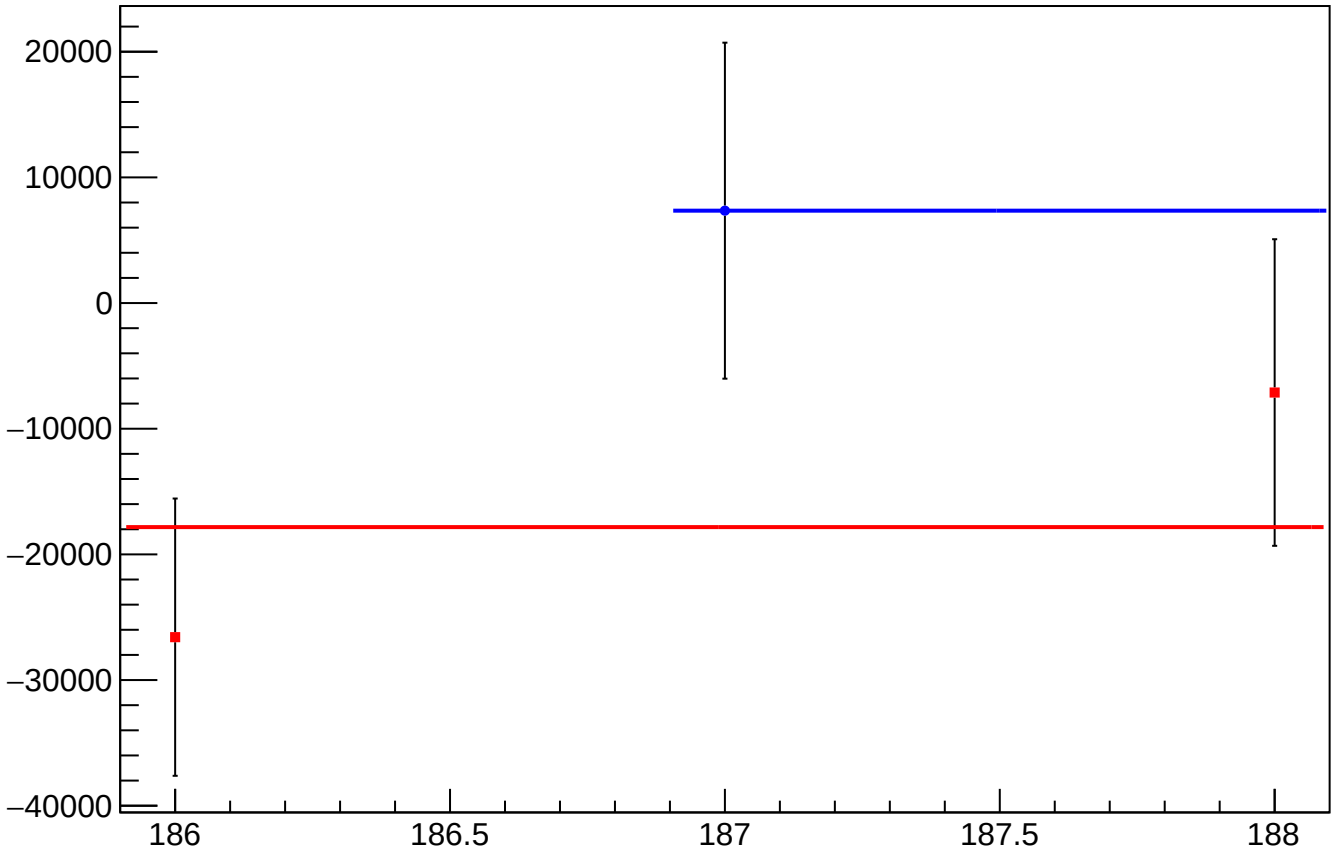
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1844.773+/-1.560 χ^2/NDF: 2132.8/2

In: 1739.211+/-3.163 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1844.773+/-1.560 χ^2/NDF: 2132.8/2



Right In: 7351.671+/-13368.679 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -17828.845+/-8182.294 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

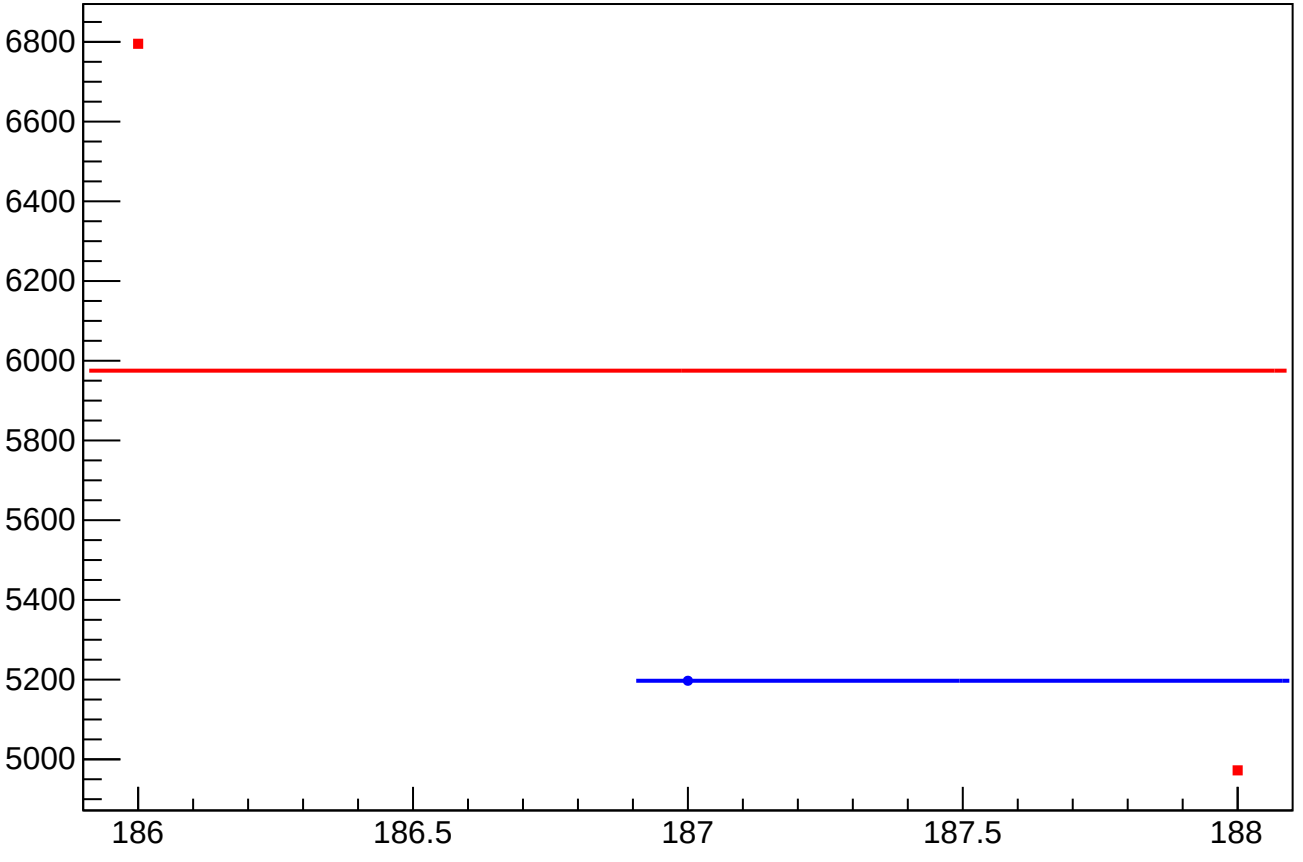
Right: -10966.699+/-6978.887 χ^2/NDF: 4.0/2

In: 7351.671+/-13368.679 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10966.699+/-6978.887 χ^2/NDF: 4.0/2

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 5197.110+/-9.453 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5975.119+/-5.786 χ^2/NDF: 24568.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

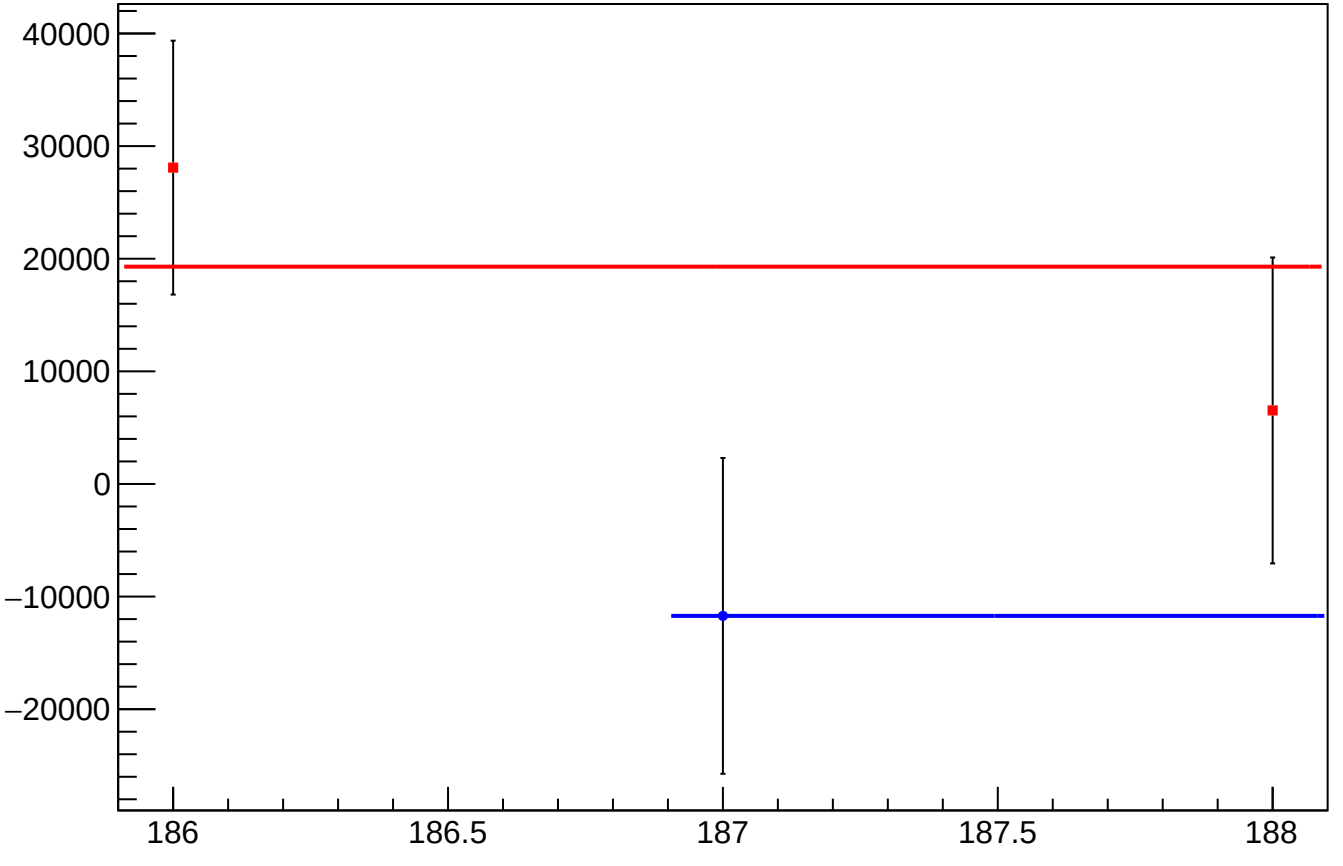
Right: 5763.097+/-4.935 χ^2/NDF: 29496.0/2

In: 5197.110+/-9.453 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5763.097+/-4.935 χ^2/NDF: 29496.0/2

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: -11714.566+/-14022.148 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19296.215+/-8674.993 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

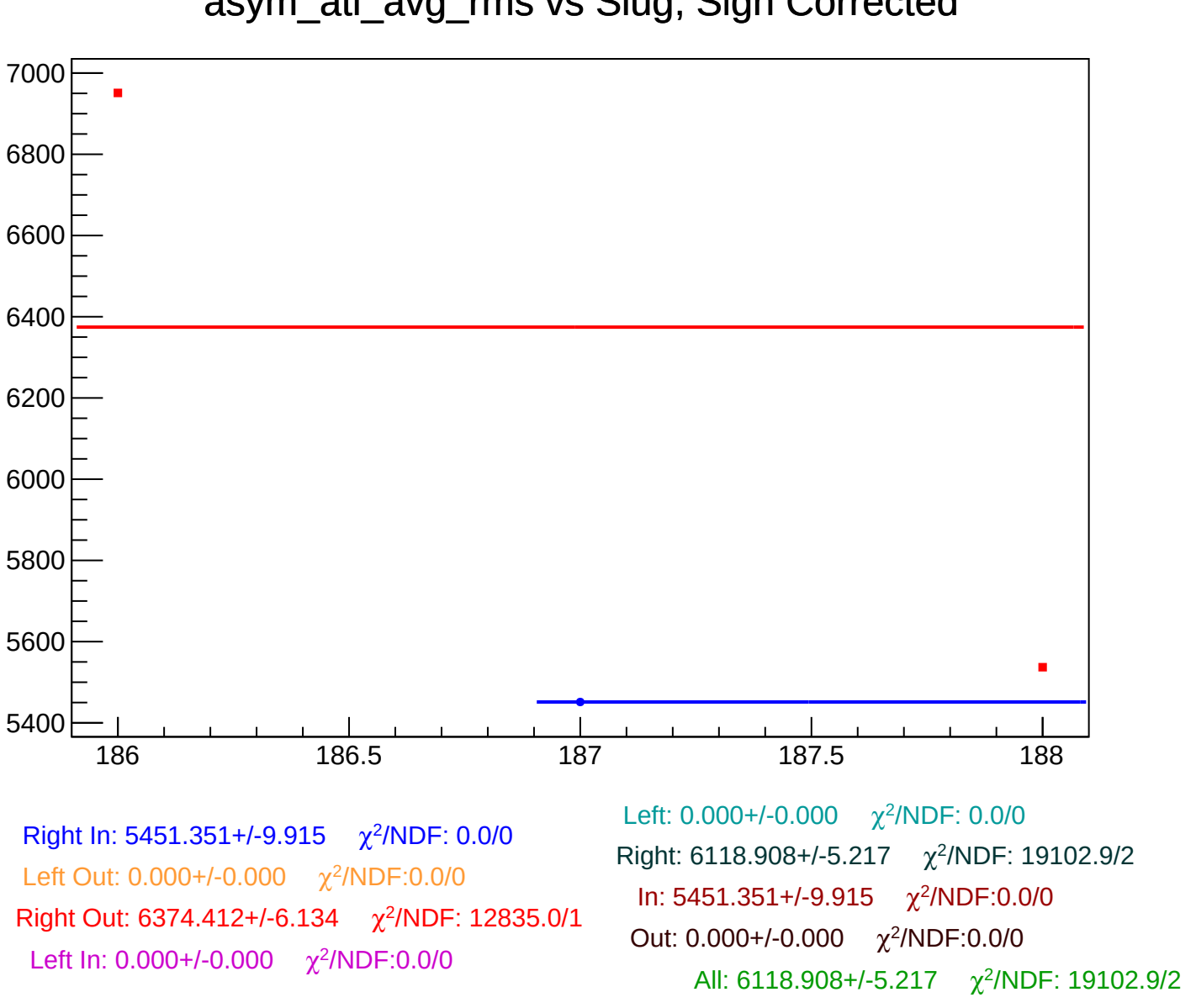
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 10712.409+/-7377.312 χ^2/NDF: 5.0/2

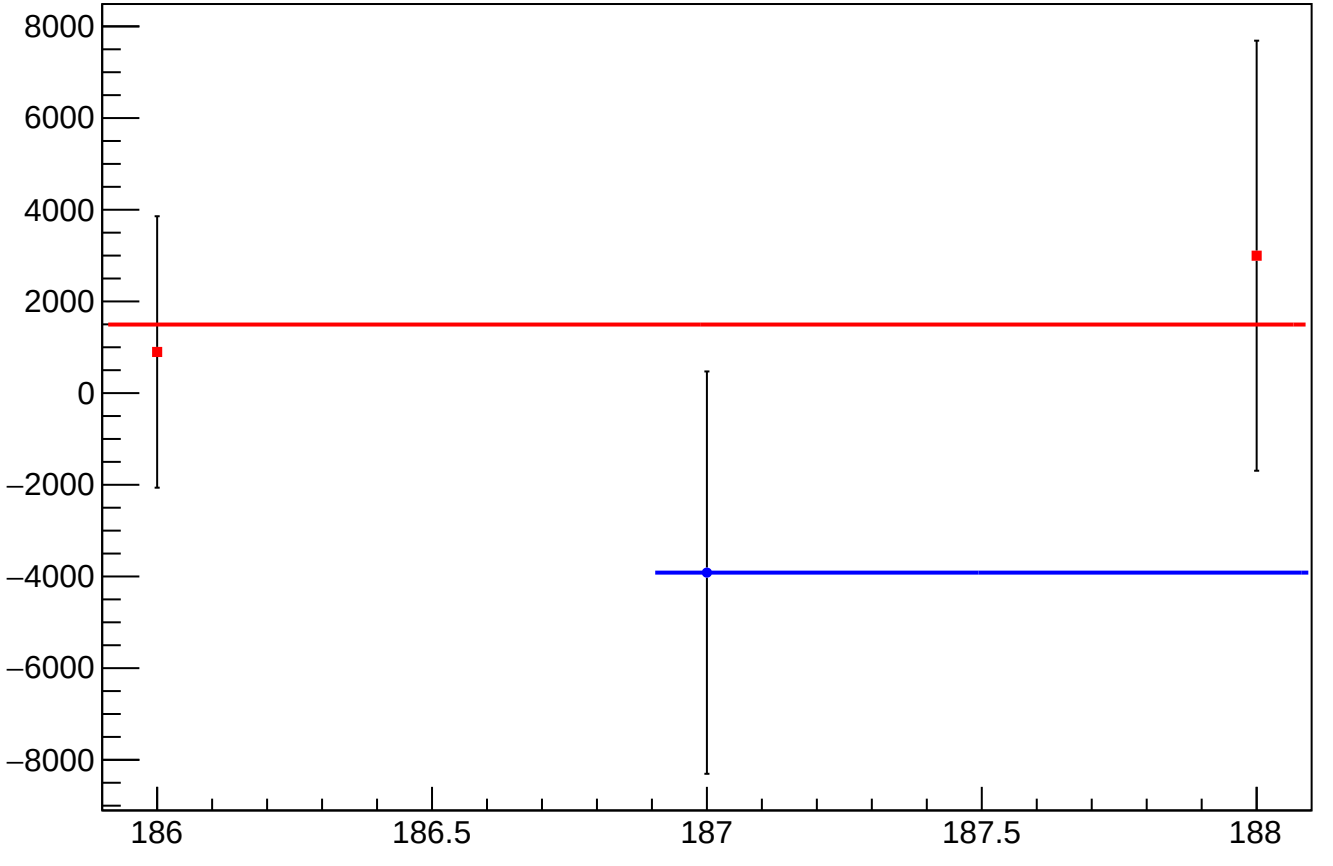
In: -11714.566+/-14022.148 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10712.409+/-7377.312 χ^2/NDF: 5.0/2


asym_atl_avg_rms vs Slug, Sign Corrected
7000
6800
6600
6400
6200
6000
5800
5600
5400
186
186.5
187
187.5
188
Right In: 5451.351+/-9.915 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 6374.412+/-6.134 χ²/NDF: 12835.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 6118.908+/-5.217 χ²/NDF: 19102.9/2
In: 5451.351+/-9.915 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 6118.908+/-5.217 χ²/NDF: 19102.9/2

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -3915.940+/-4388.603 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1495.852+/-2503.769 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

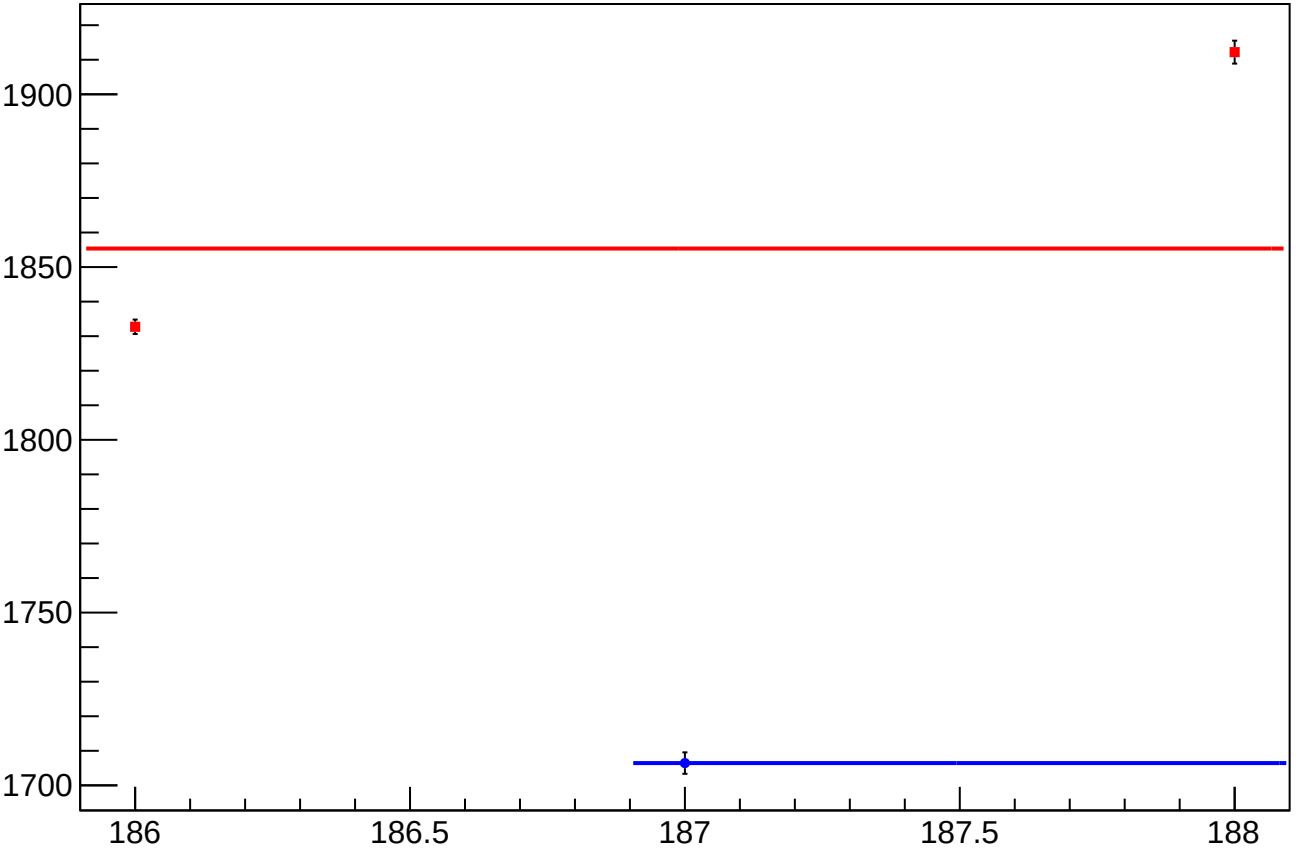
Right: 166.925+/-2174.734 χ^2/NDF: 1.3/2

In: -3915.940+/-4388.603 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 166.925+/-2174.734 χ^2/NDF: 1.3/2

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1706.449+/-3.103 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1855.363+/-1.770 χ^2/NDF: 410.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

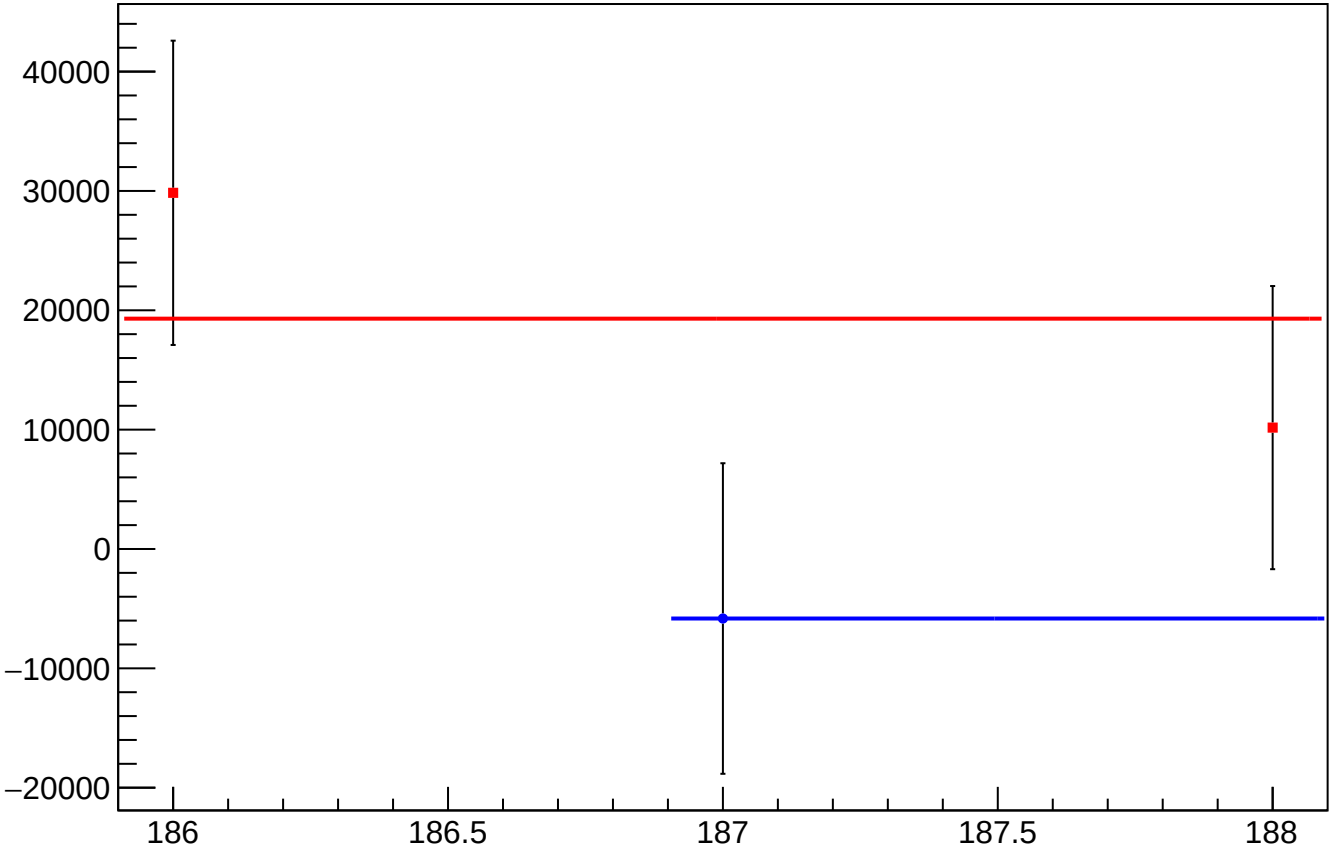
Right: 1818.795+/-1.538 χ^2/NDF: 2148.0/2

In: 1706.449+/-3.103 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1818.795+/-1.538 χ^2/NDF: 2148.0/2

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -5825.400+/-13010.791 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19299.198+/-8684.217 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

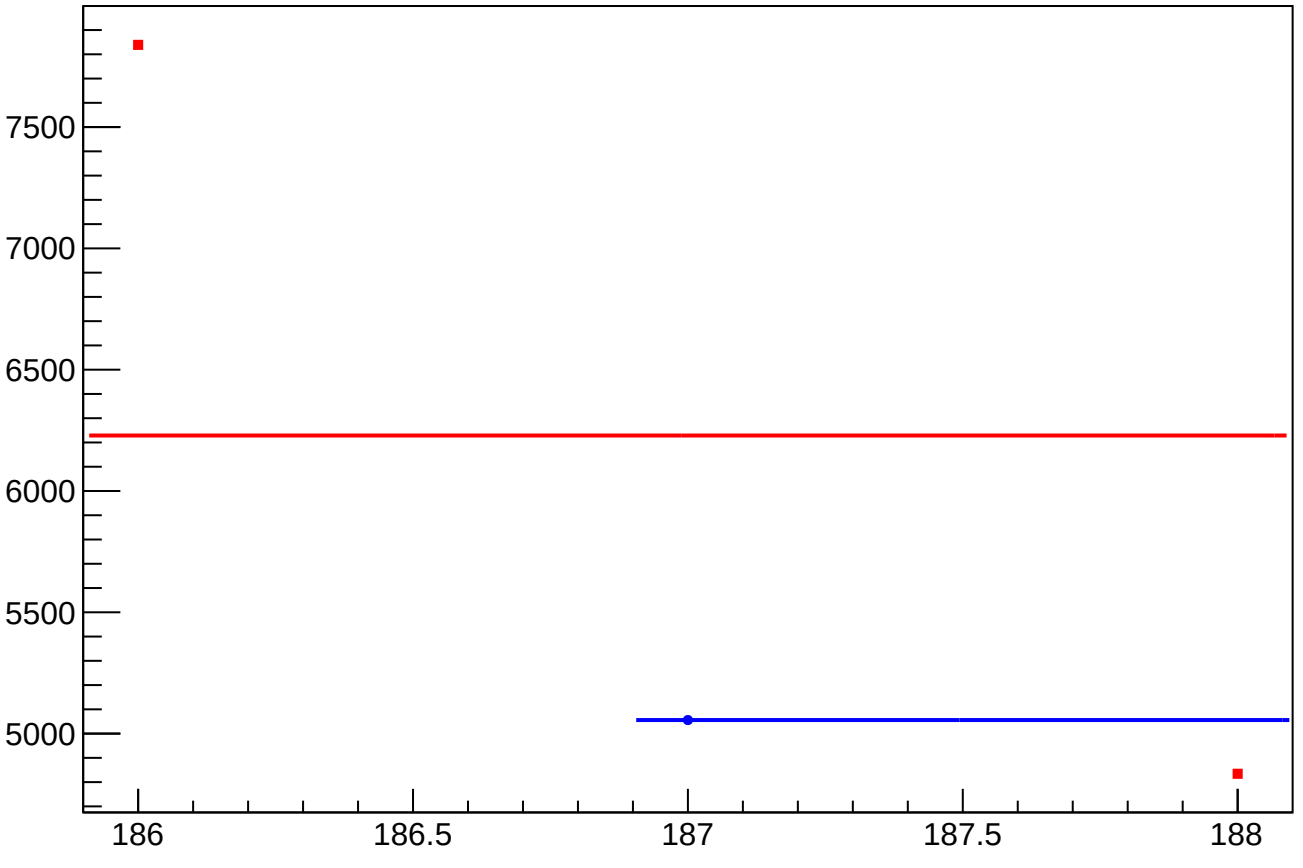
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11555.774+/-7223.050 χ^2/NDF: 3.9/2

In: -5825.400+/-13010.791 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11555.774+/-7223.050 χ^2/NDF: 3.9/2



Right In: 5055.817+/-9.200 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6228.687+/-6.141 χ^2/NDF: 59538.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

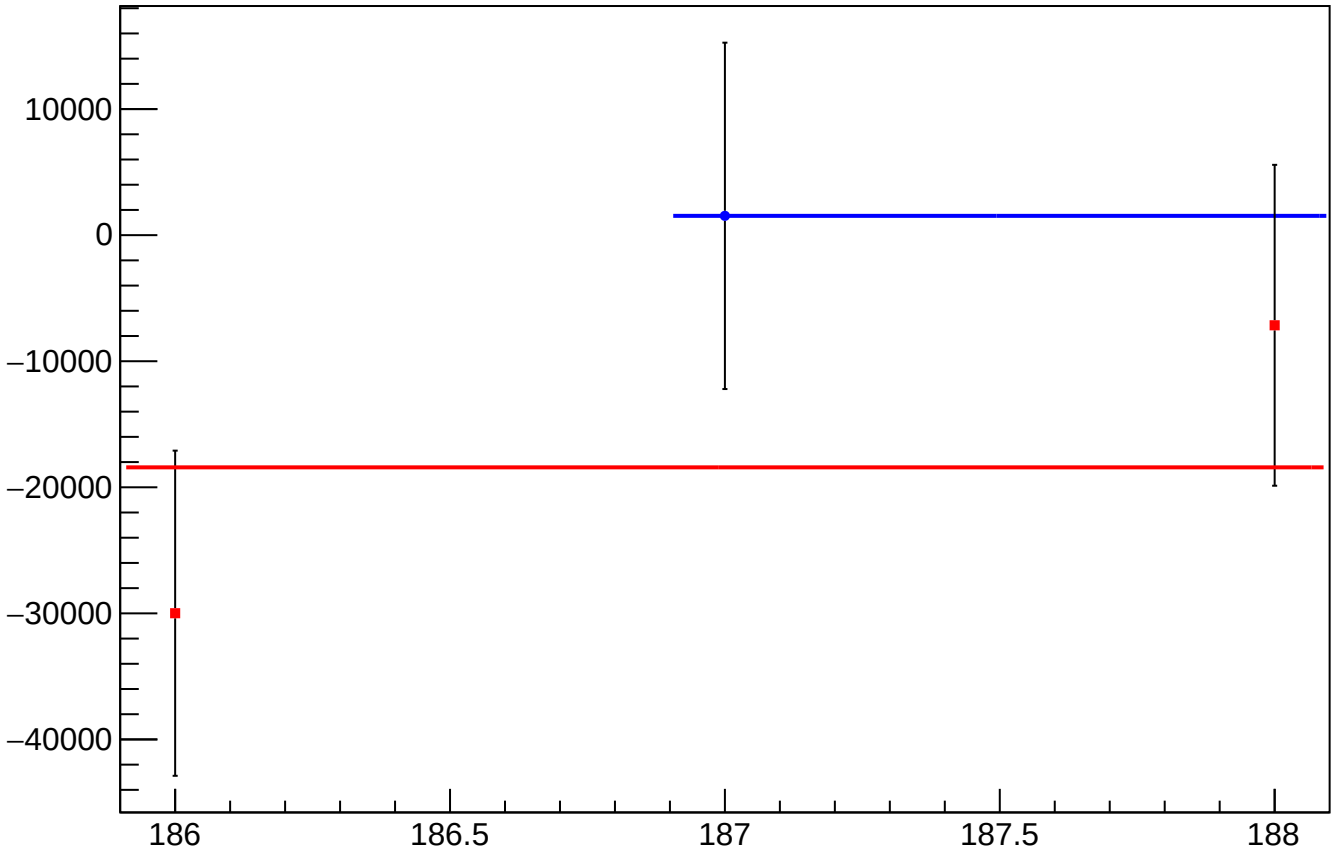
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5867.207+/-5.107 χ^2/NDF: 70782.1/2

In: 5055.817+/-9.200 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5867.207+/-5.107 χ^2/NDF: 70782.1/2



Right In: 1531.092+/-13737.078 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18418.188+/-9058.388 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

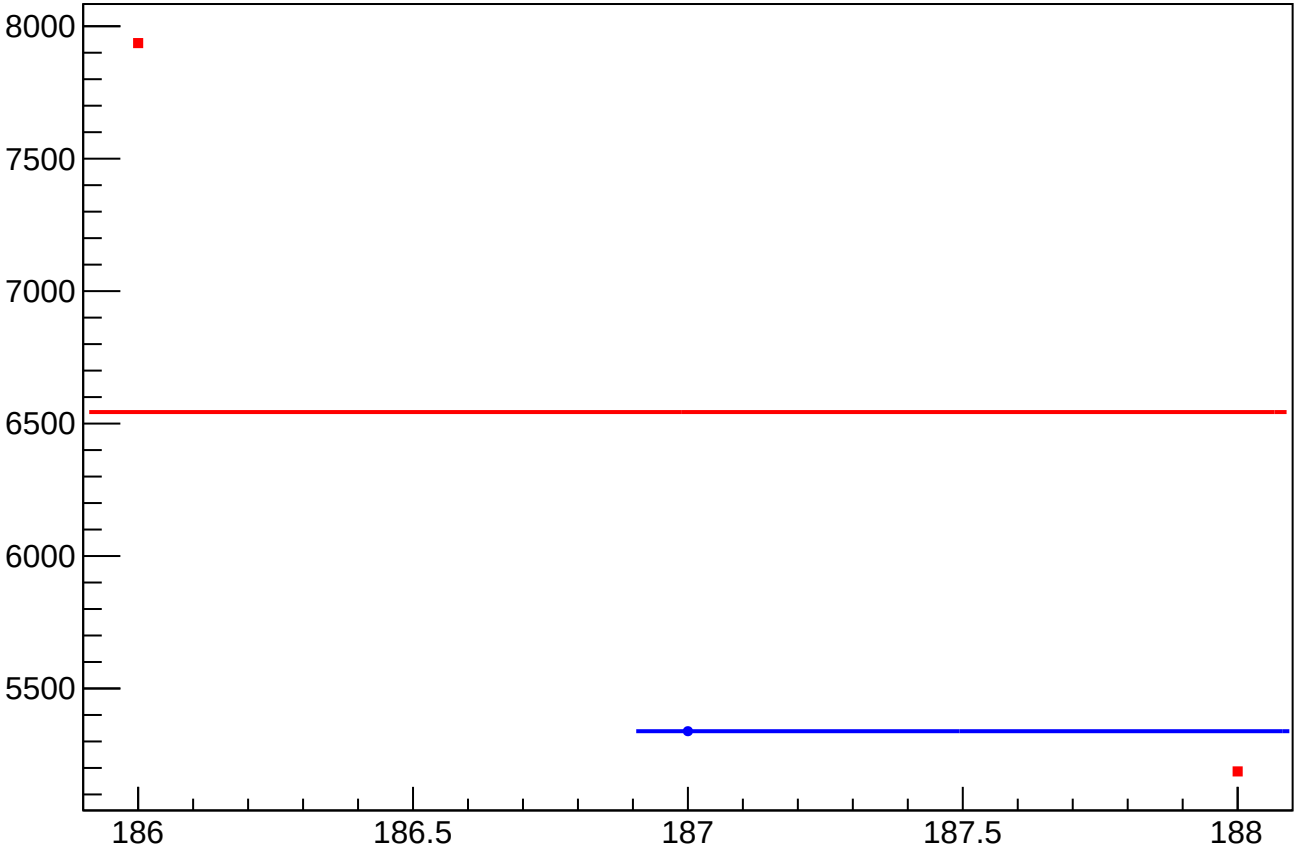
Right: -12372.555+/-7562.261 χ^2/NDF: 3.1/2

In: 1531.092+/-13737.078 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12372.555+/-7562.261 χ^2/NDF: 3.1/2

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 5338.722+/-9.714 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6543.482+/-6.405 χ^2/NDF: 46055.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

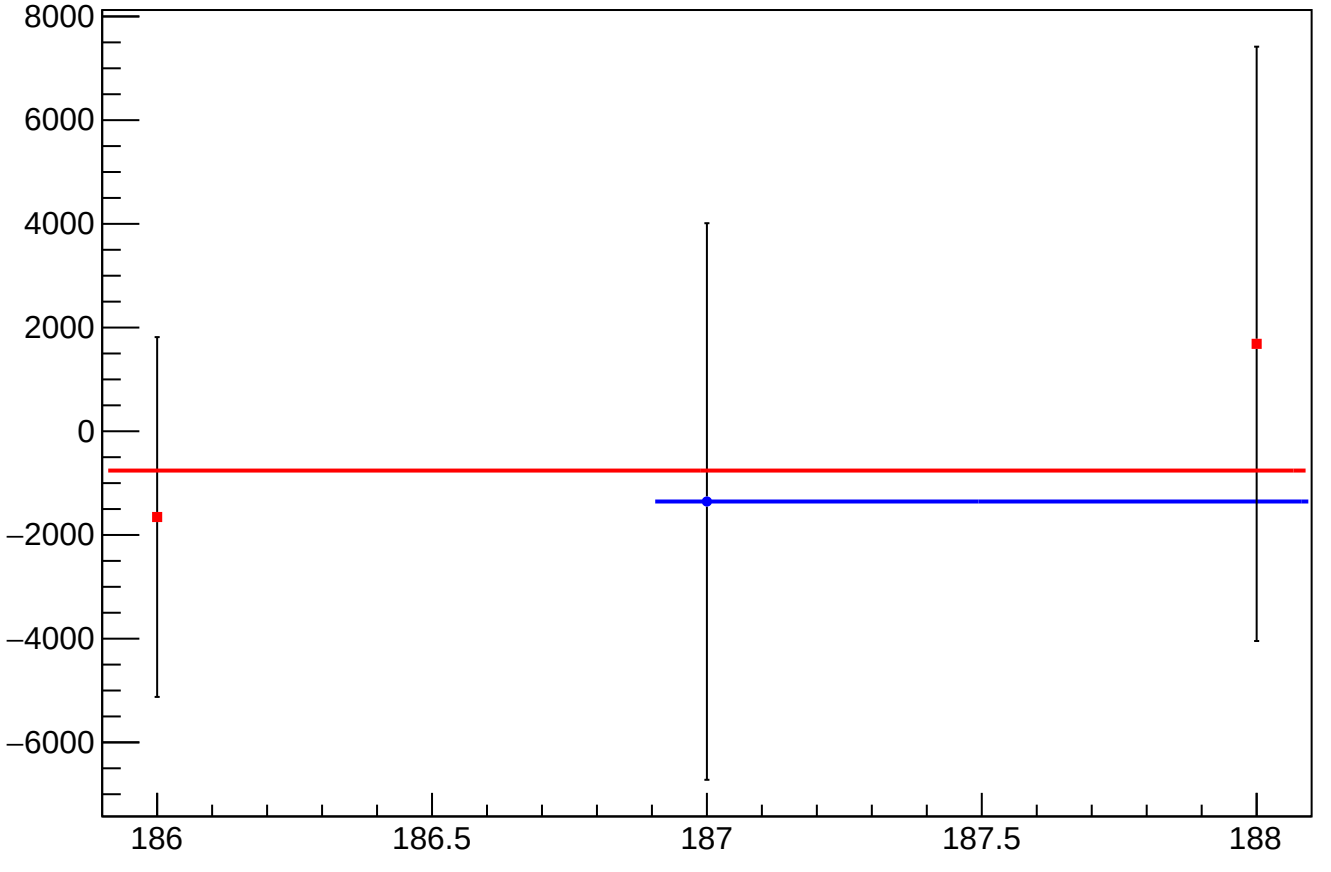
Right: 6178.379+/-5.347 χ^2/NDF: 56776.4/2

In: 5338.722+/-9.714 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6178.379+/-5.347 χ^2/NDF: 56776.4/2

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: -1354.534+/-5367.249 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -757.915+/-2968.127 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

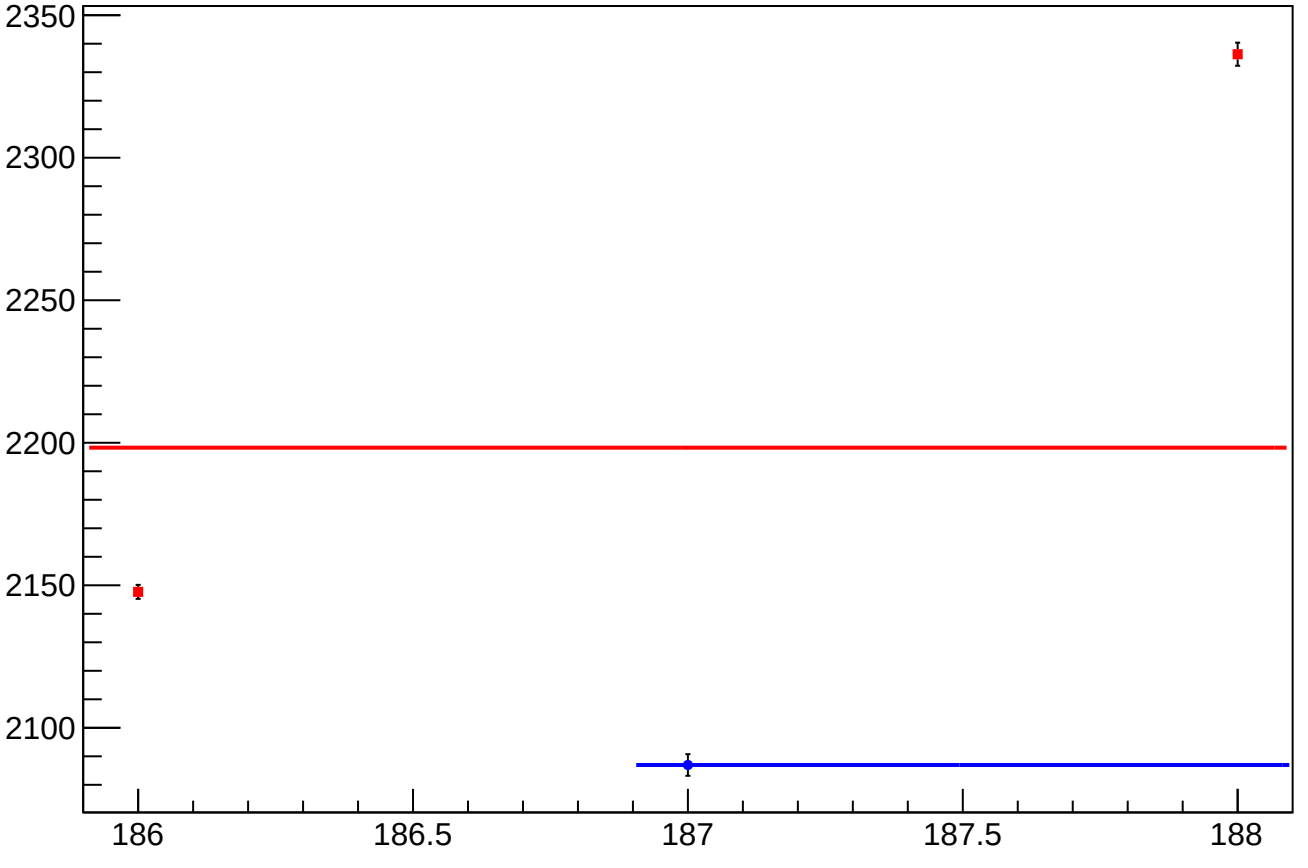
Right: -897.641+/-2597.415 χ^2/NDF: 0.3/2

In: -1354.534+/-5367.249 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -897.641+/-2597.415 χ^2/NDF: 0.3/2

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2086.960+/-3.795 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2198.285+/-2.099 χ^2/NDF: 1585.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

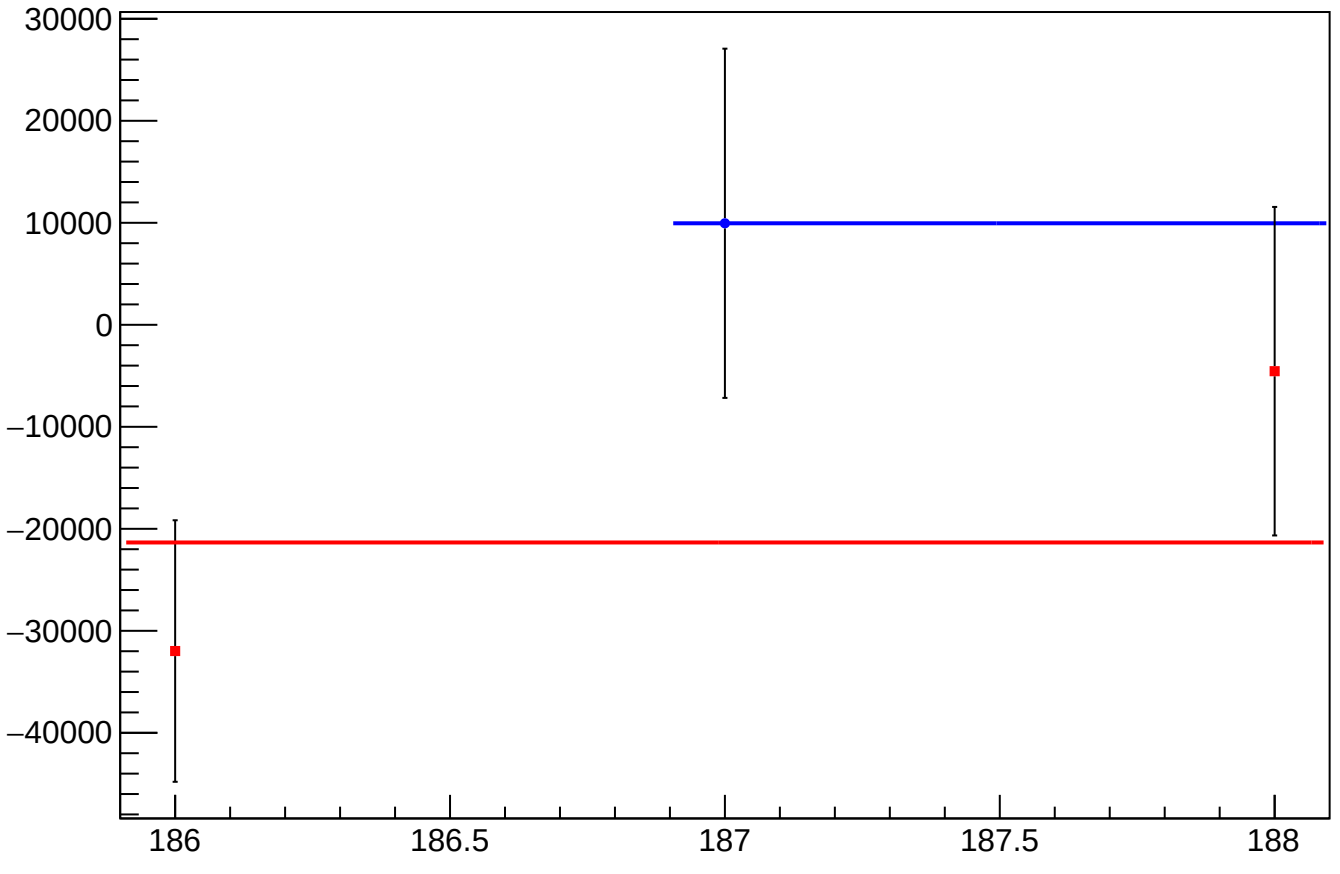
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2172.213+/-1.837 χ^2/NDF: 2244.1/2

In: 2086.960+/-3.795 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2172.213+/-1.837 χ^2/NDF: 2244.1/2



Right In: 9952.825+/-17118.304 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21338.731+/-10029.641 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

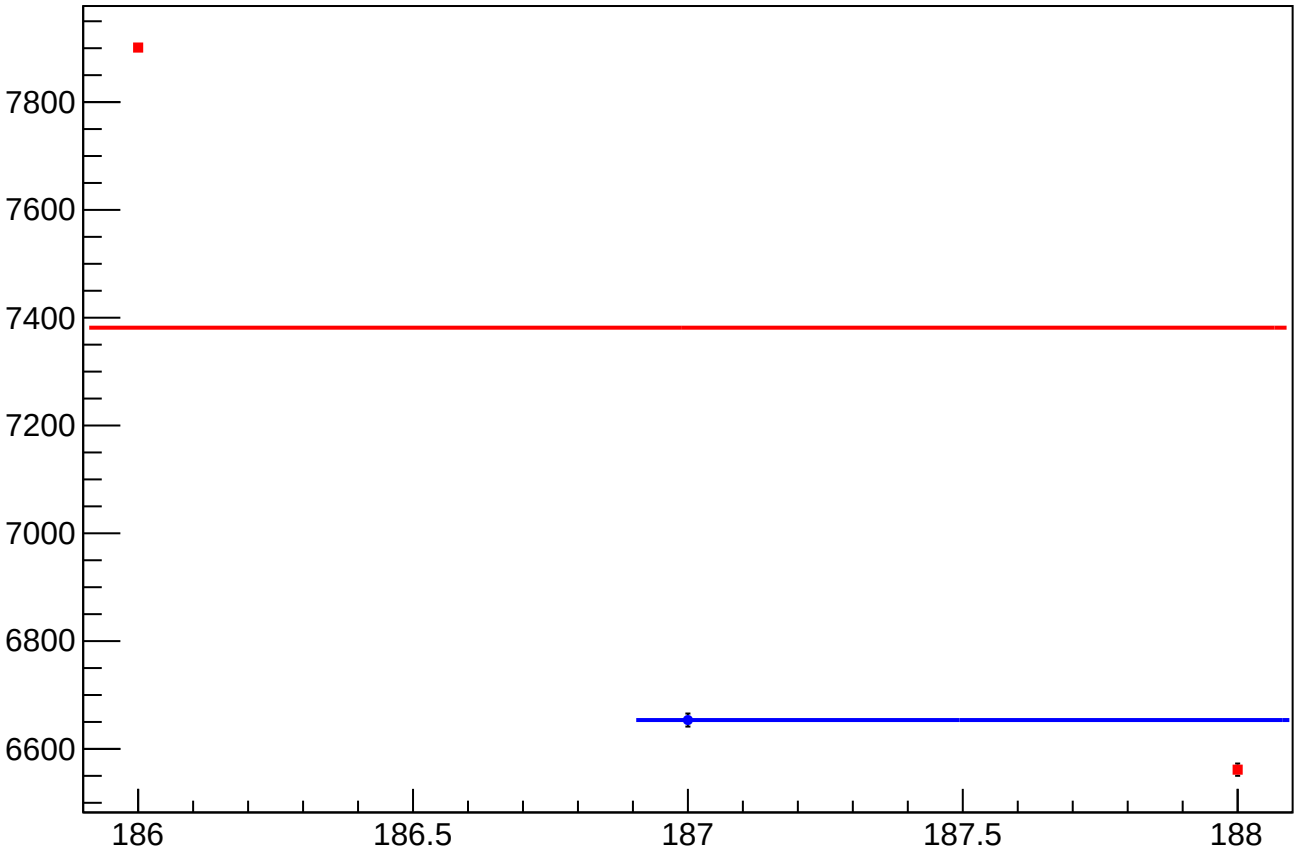
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -13342.051+/-8653.704 χ^2/NDF: 4.3/2

In: 9952.825+/-17118.304 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13342.051+/-8653.704 χ^2/NDF: 4.3/2



Right In: 6653.539+/-12.104 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7381.488+/-7.092 χ^2/NDF: 8473.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

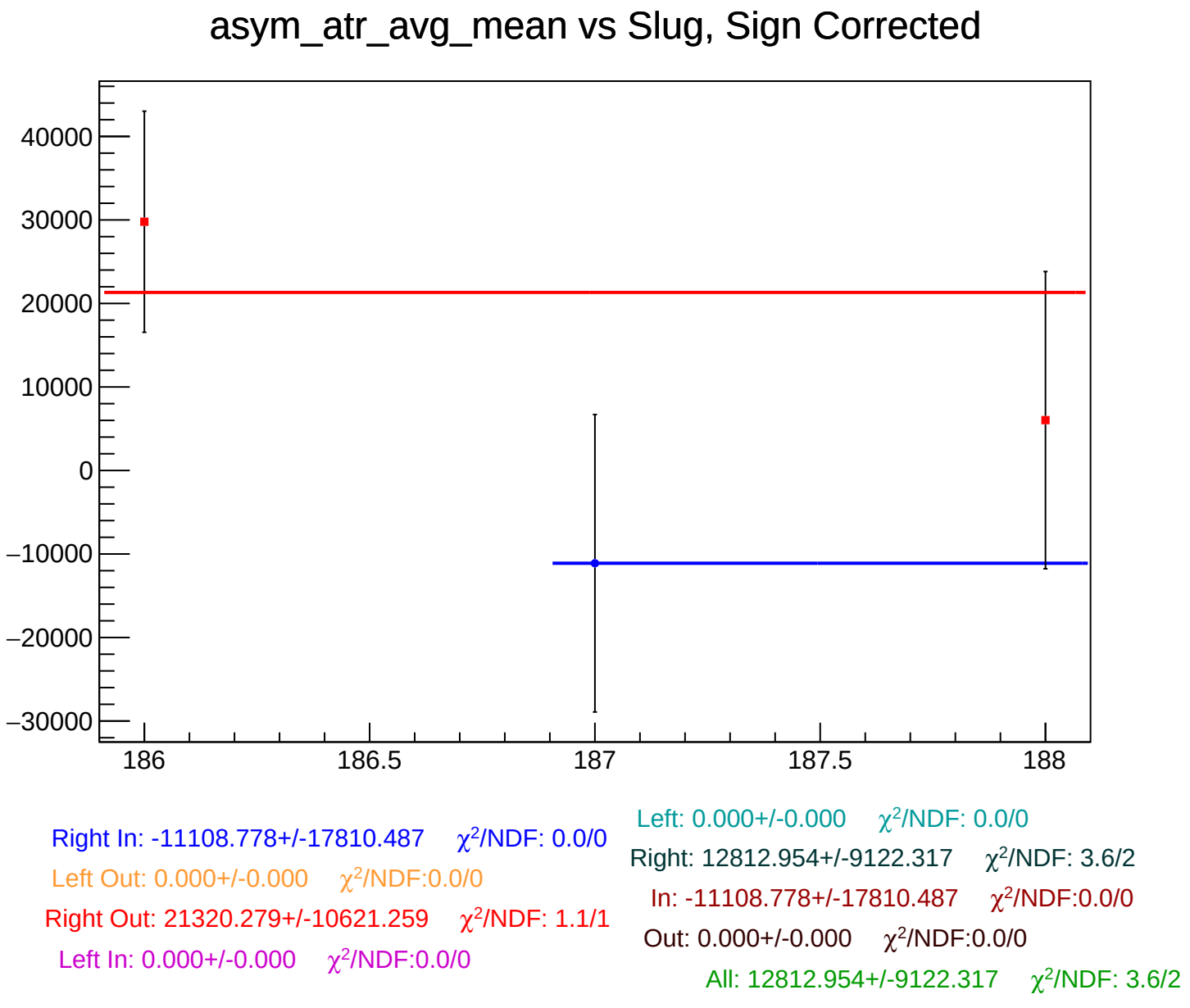
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7195.458+/-6.119 χ^2/NDF: 11165.5/2

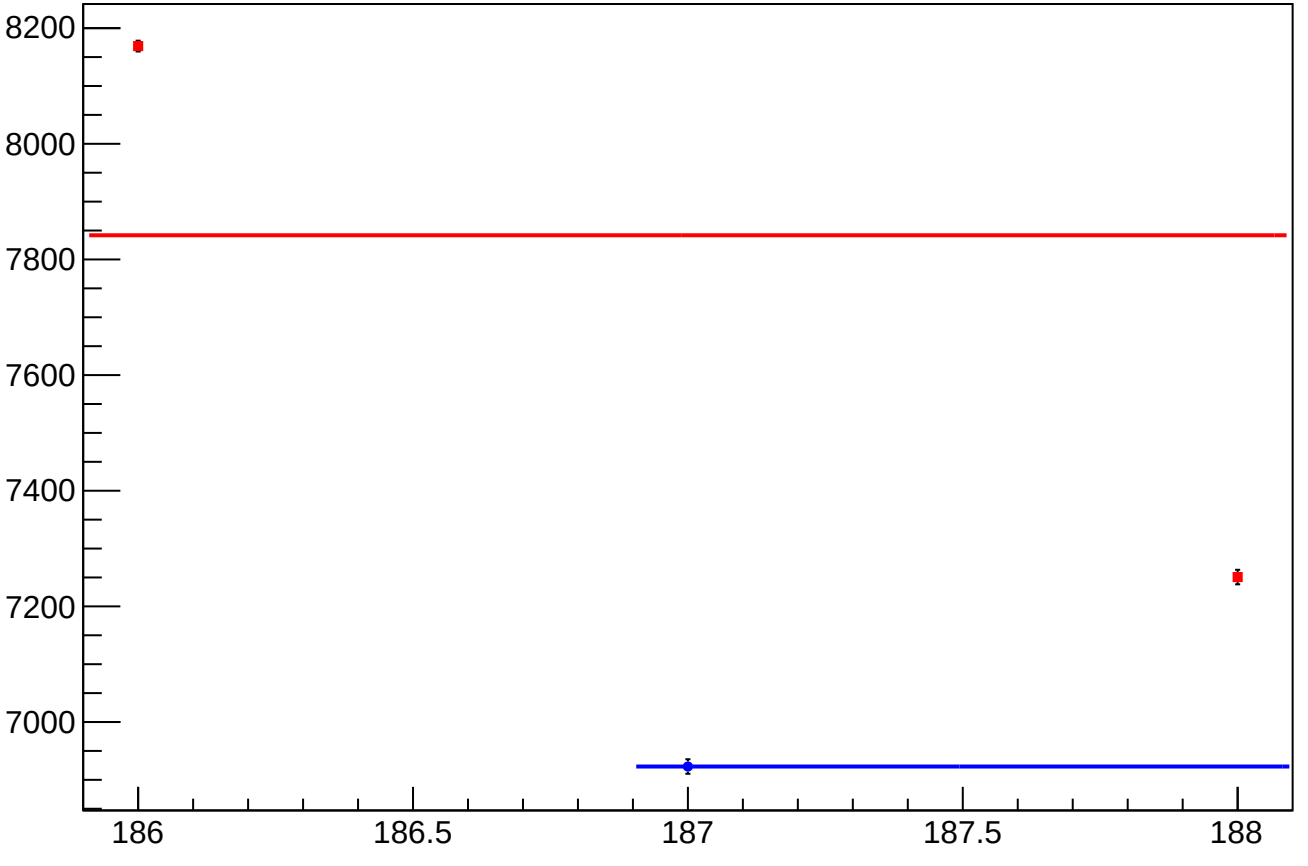
In: 6653.539+/-12.104 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7195.458+/-6.119 χ^2/NDF: 11165.5/2


asym_atr_avg_mean vs Slug, Sign Corrected
40000
30000
20000
10000
0
−10000
−20000
−30000
186
186.5
187
187.5
188
Right In: -11108.778+/-17810.487 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 21320.279+/-10621.259 χ²/NDF: 1.1/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 12812.954+/-9122.317 χ²/NDF: 3.6/2
In: -11108.778+/-17810.487 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 12812.954+/-9122.317 χ²/NDF: 3.6/2

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6923.037+/-12.594 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7841.839+/-7.510 χ^2/NDF: 3428.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

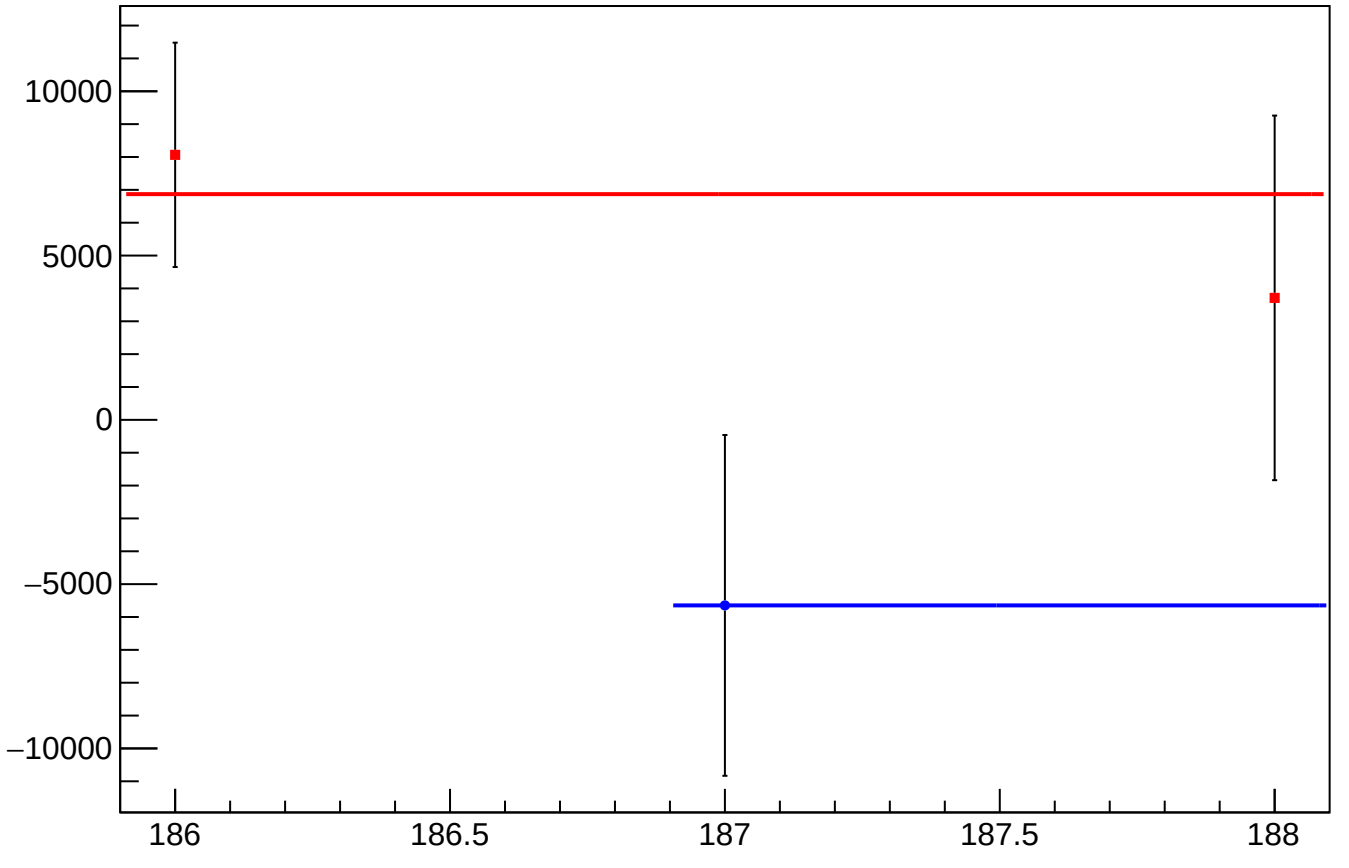
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7600.804+/-6.450 χ^2/NDF: 7355.1/2

In: 6923.037+/-12.594 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7600.804+/-6.450 χ^2/NDF: 7355.1/2



Right In: -5646.931+/-5185.878 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6869.490+/-2907.632 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

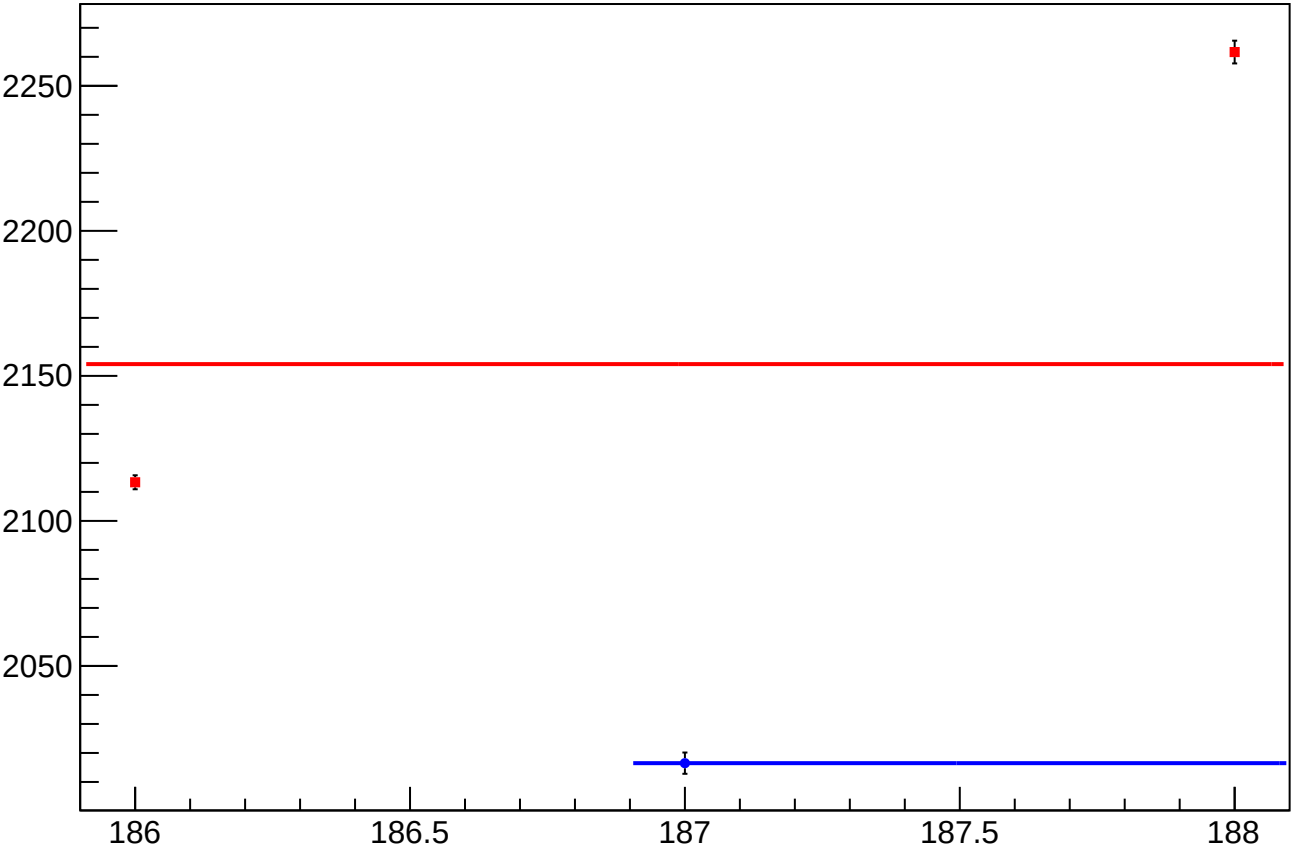
Right: 3875.859+/-2536.188 χ^2/NDF: 4.9/2

In: -5646.931+/-5185.878 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3875.859+/-2536.188 χ^2/NDF: 4.9/2

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2016.481+/-3.667 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2154.062+/-2.056 χ^2/NDF: 1036.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

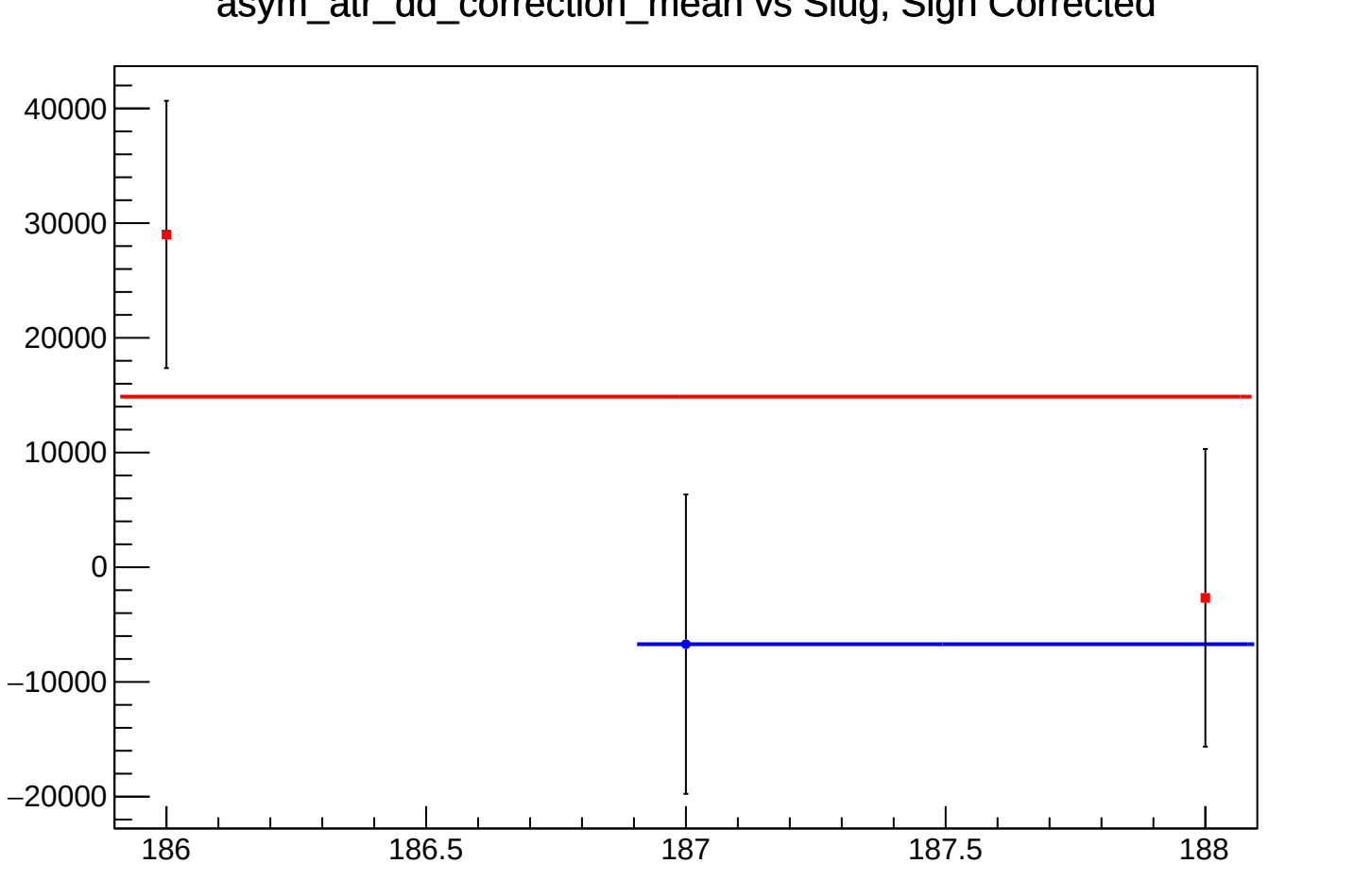
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2121.156+/-1.793 χ^2/NDF: 2107.9/2

In: 2016.481+/-3.667 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2121.156+/-1.793 χ^2/NDF: 2107.9/2



Right In: -6709.099+/-13047.963 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14874.921+/-8669.265 χ^2/NDF: 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

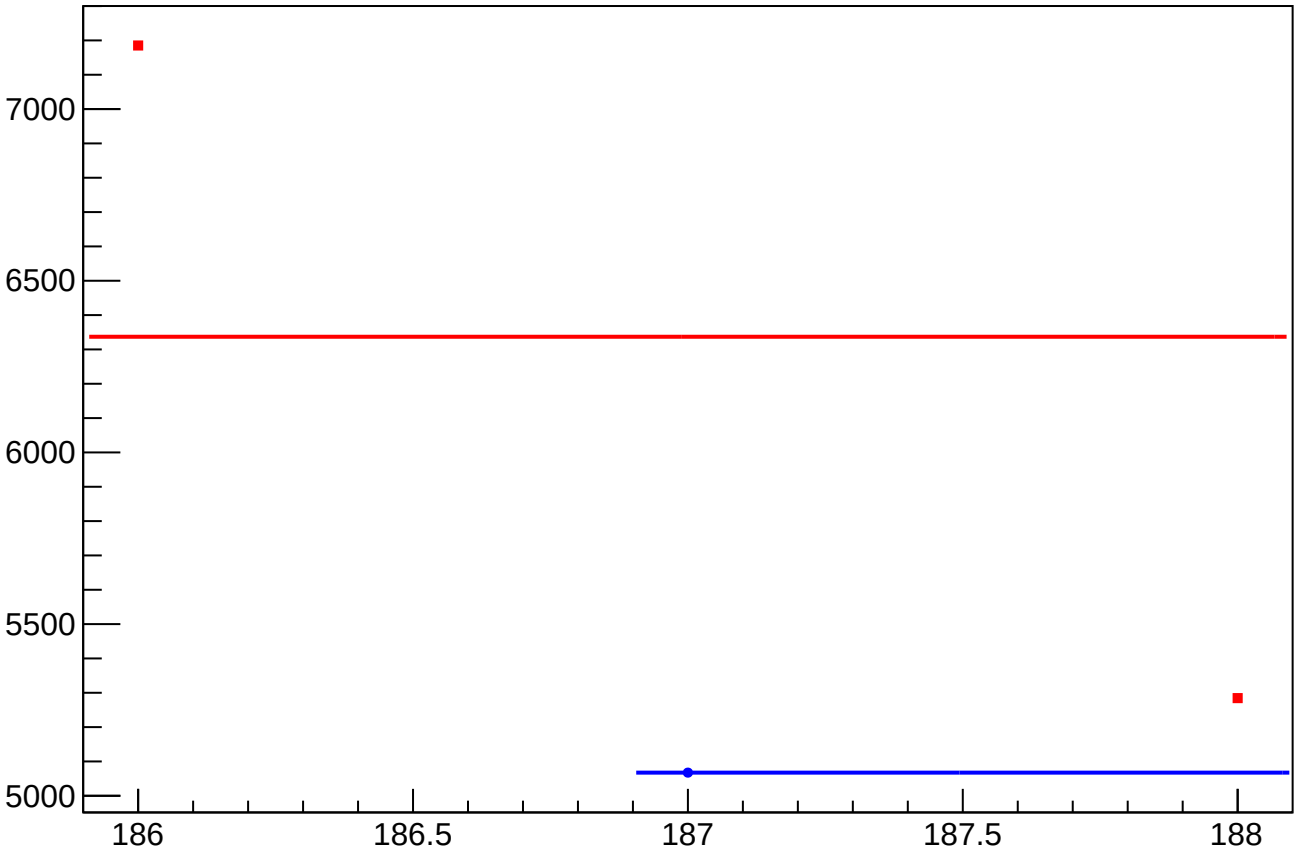
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8264.751+/-7220.759 χ^2/NDF: 5.2/2

In: -6709.099+/-13047.963 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8264.751+/-7220.759 χ^2/NDF: 5.2/2



Right In: 5067.425+/-9.226 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6336.914+/-6.130 χ^2/NDF: 23757.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

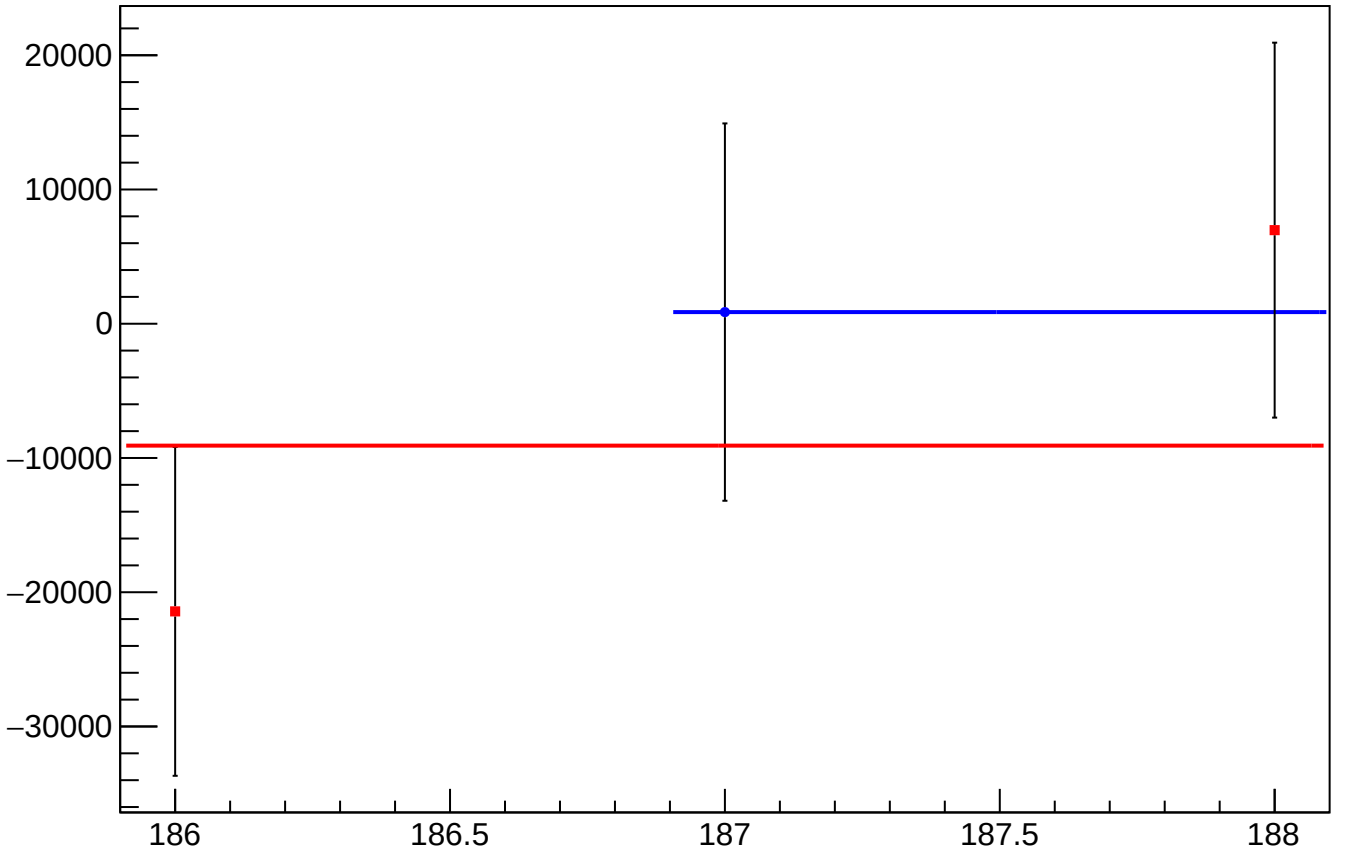
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5948.129+/-5.106 χ^2/NDF: 36891.2/2

In: 5067.425+/-9.226 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5948.129+/-5.106 χ^2/NDF: 36891.2/2



Right In: 867.679+/-14053.764 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -9079.574+/-9207.859 χ^2/NDF: 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

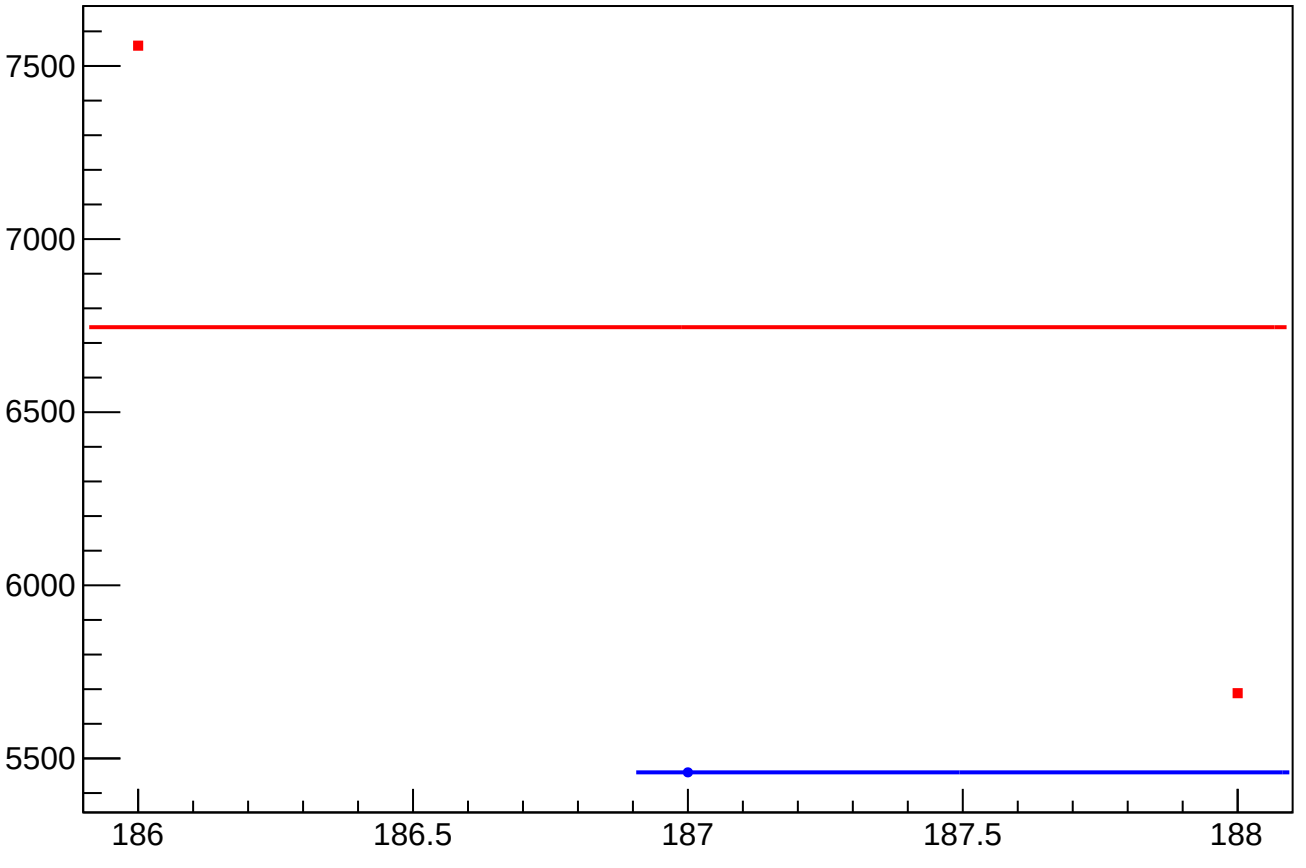
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6091.988+/-7701.961 χ^2/NDF: 2.7/2

In: 867.679+/-14053.764 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6091.988+/-7701.961 χ^2/NDF: 2.7/2



Right In: 5459.761+/-9.938 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6745.545+/-6.511 χ^2/NDF: 20275.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

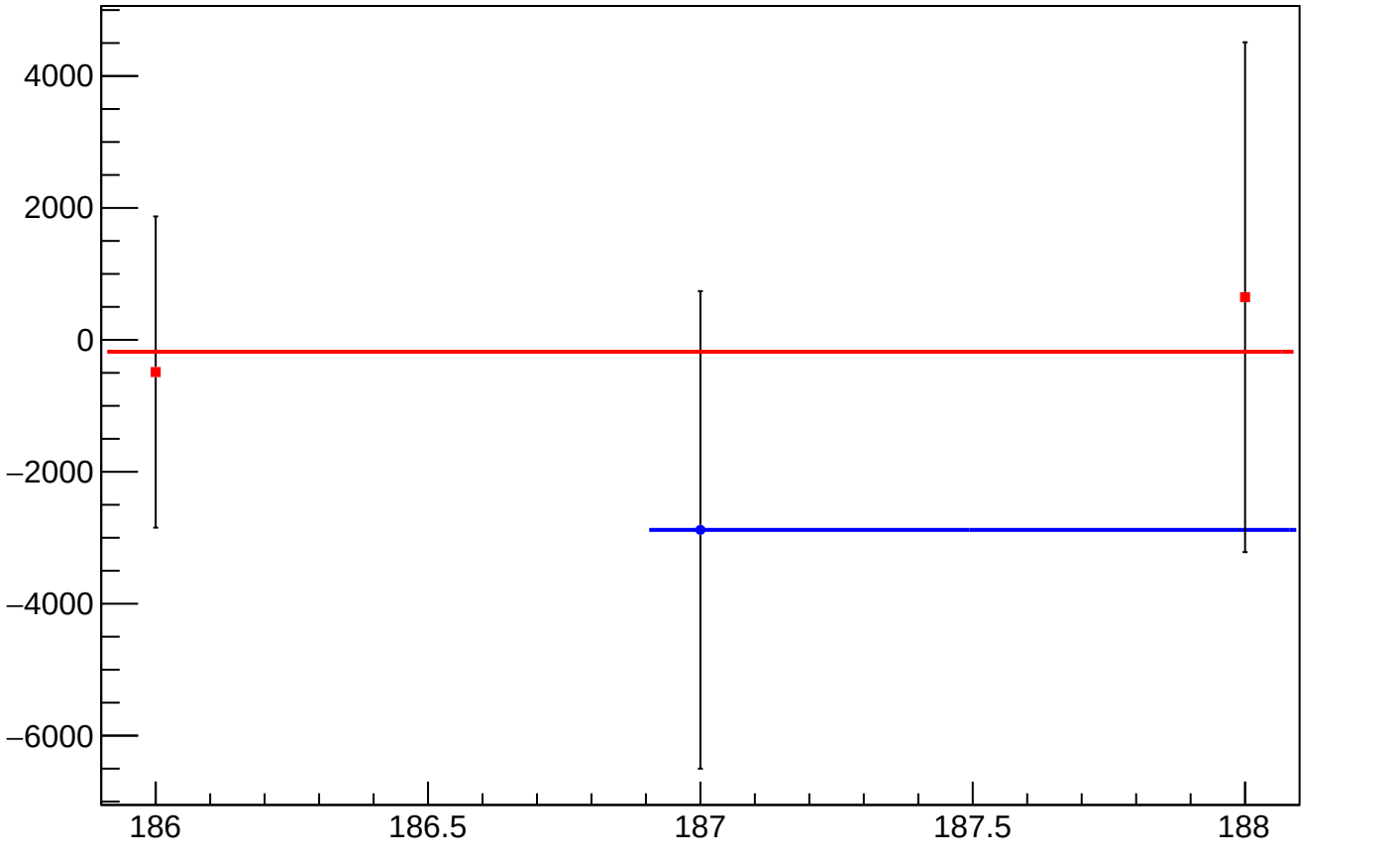
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6359.369+/-5.446 χ^2/NDF: 31988.6/2

In: 5459.761+/-9.938 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6359.369+/-5.446 χ^2/NDF: 31988.6/2



Right In: -2880.579+/-3619.601 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -179.638+/-2013.581 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

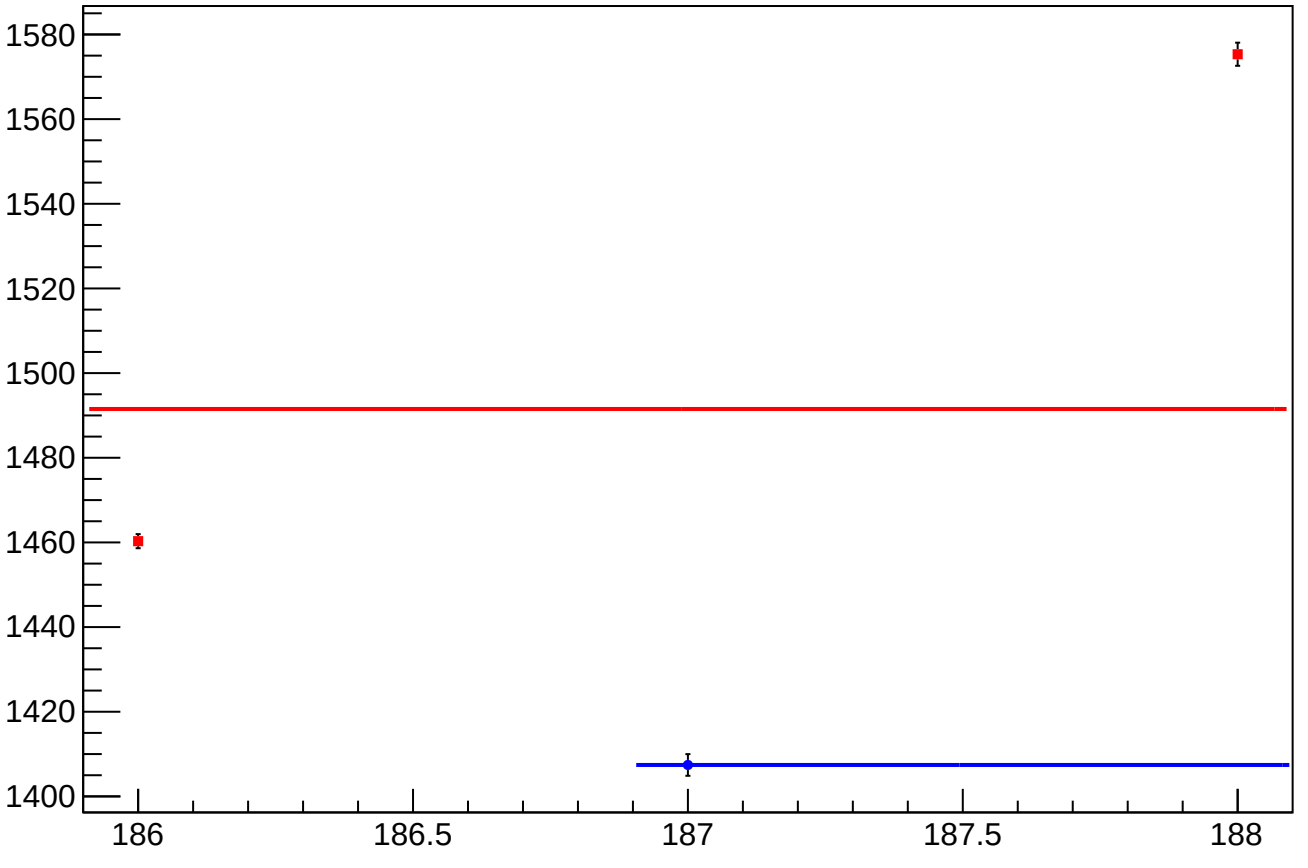
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -817.956+/-1759.631 χ^2/NDF: 0.5/2

In: -2880.579+/-3619.601 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -817.956+/-1759.631 χ^2/NDF: 0.5/2



Right In: 1407.427+/-2.559 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1491.527+/-1.424 χ^2/NDF: 1291.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

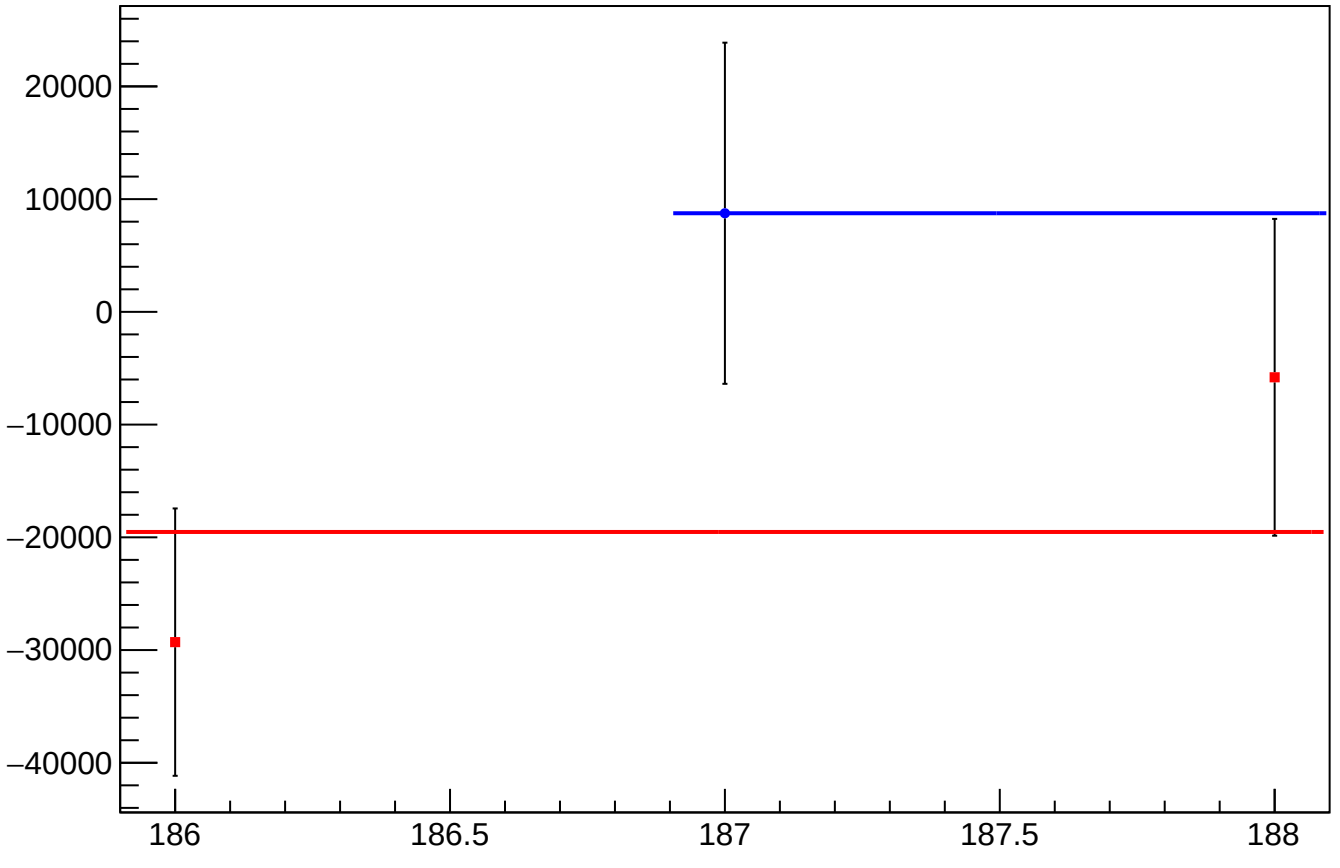
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1471.651+/-1.244 χ^2/NDF: 2115.6/2

In: 1407.427+/-2.559 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1471.651+/-1.244 χ^2/NDF: 2115.6/2



Right In: 8747.654+/-15131.018 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19524.337+/-9062.129 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

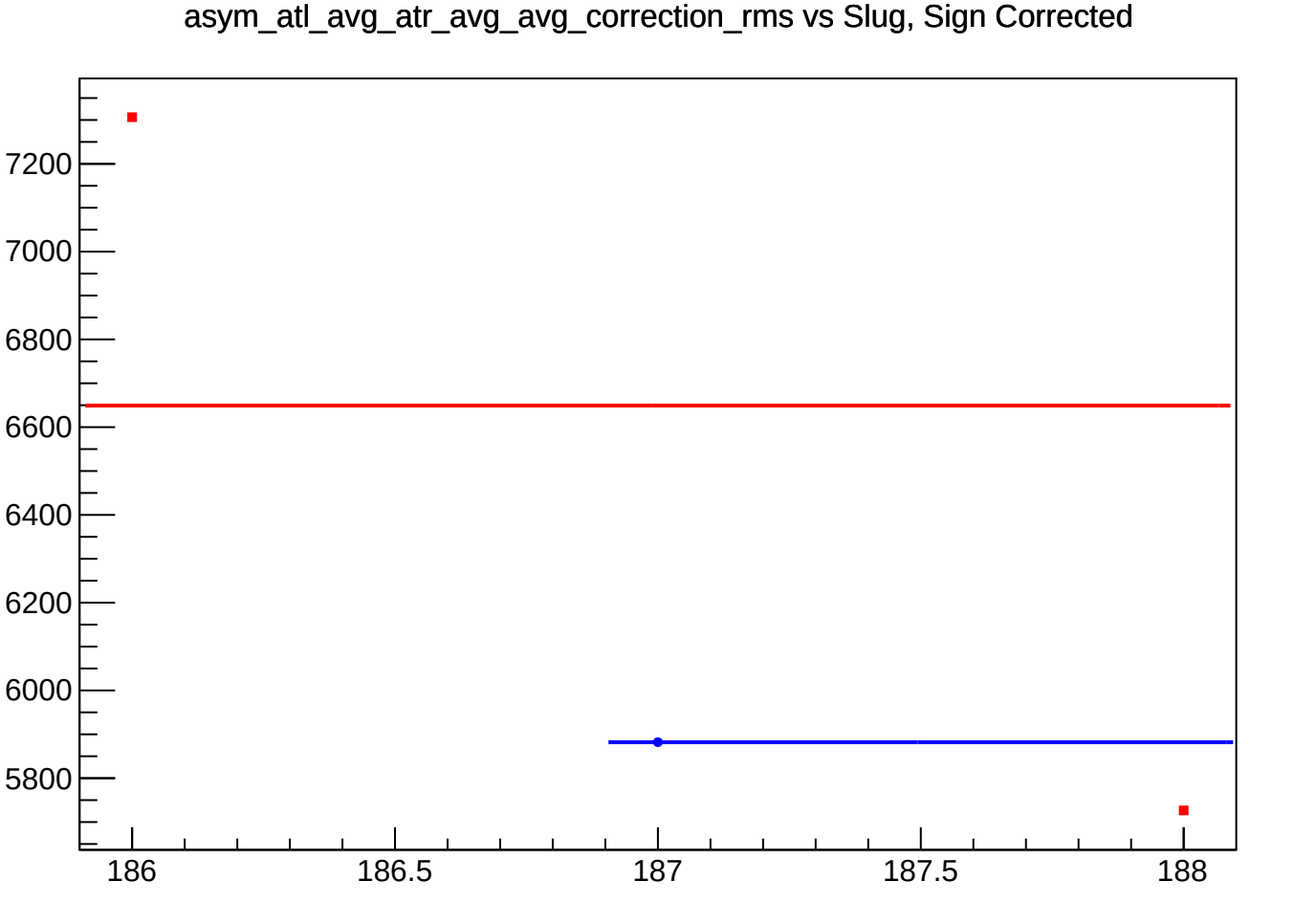
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -12060.557+/-7774.445 χ^2/NDF: 4.2/2

In: 8747.654+/-15131.018 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12060.557+/-7774.445 χ^2/NDF: 4.2/2



Right In: 5882.088+/-10.699 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6649.206+/-6.408 χ^2/NDF: 14767.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

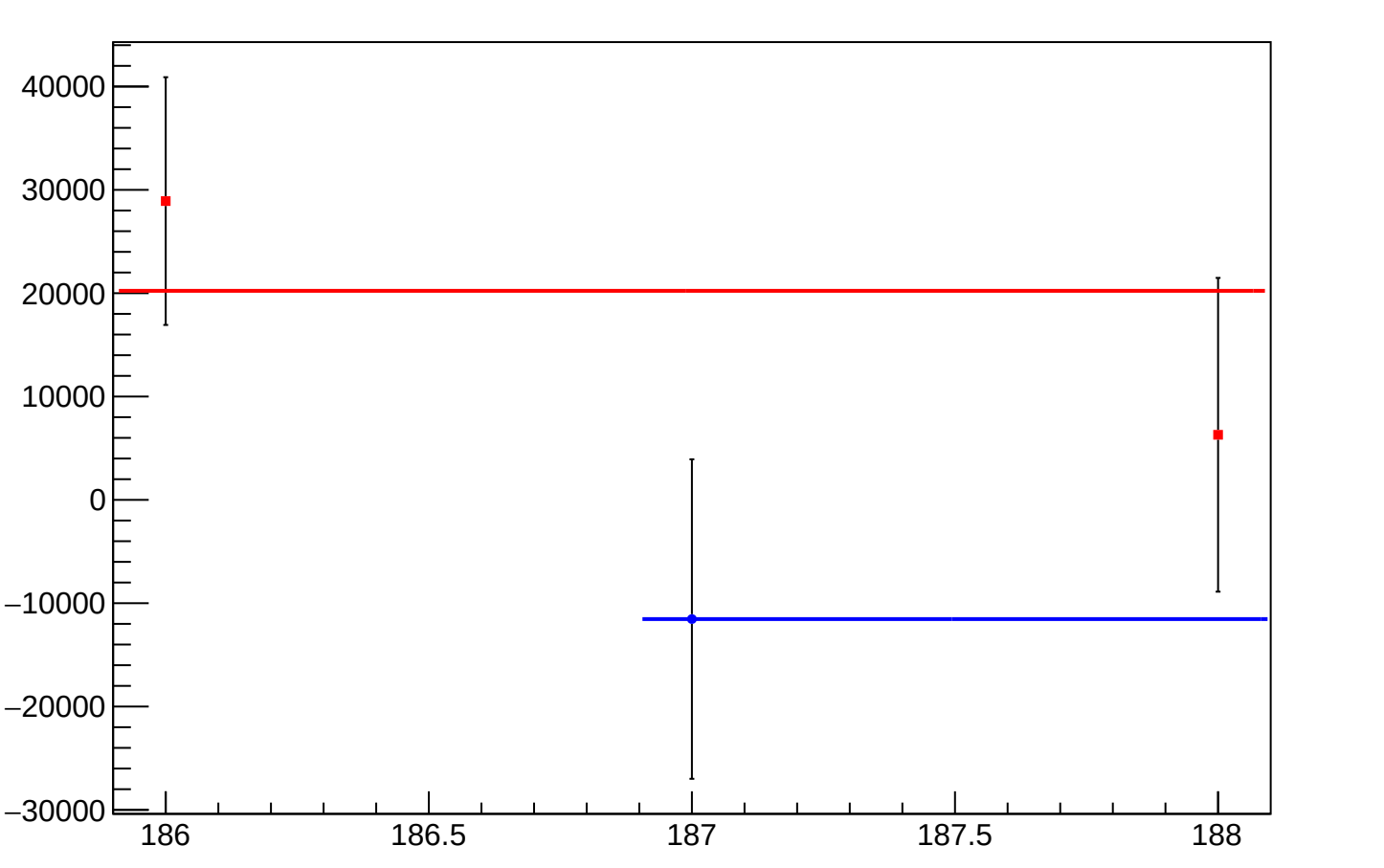
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6446.687+/-5.497 χ^2/NDF: 18550.7/2

In: 5882.088+/-10.699 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6446.687+/-5.497 χ^2/NDF: 18550.7/2



Right In: -11535.233+/-15458.115 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20229.565+/-9408.339 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

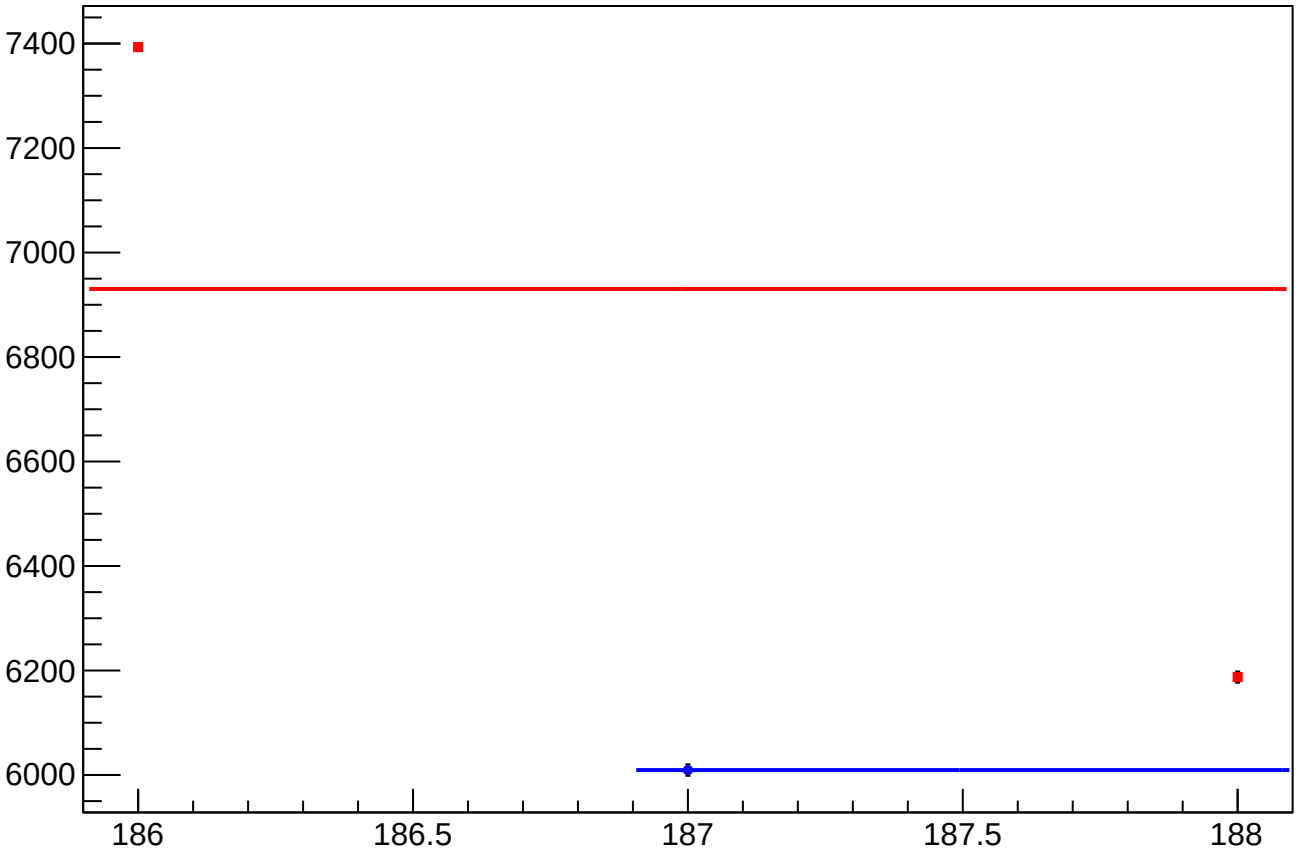
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11643.380+/-8036.809 χ^2/NDF: 4.4/2

In: -11535.233+/-15458.115 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11643.380+/-8036.809 χ^2/NDF: 4.4/2



Right In: 6009.383+/-10.931 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6930.161+/-6.653 χ^2/NDF: 7771.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

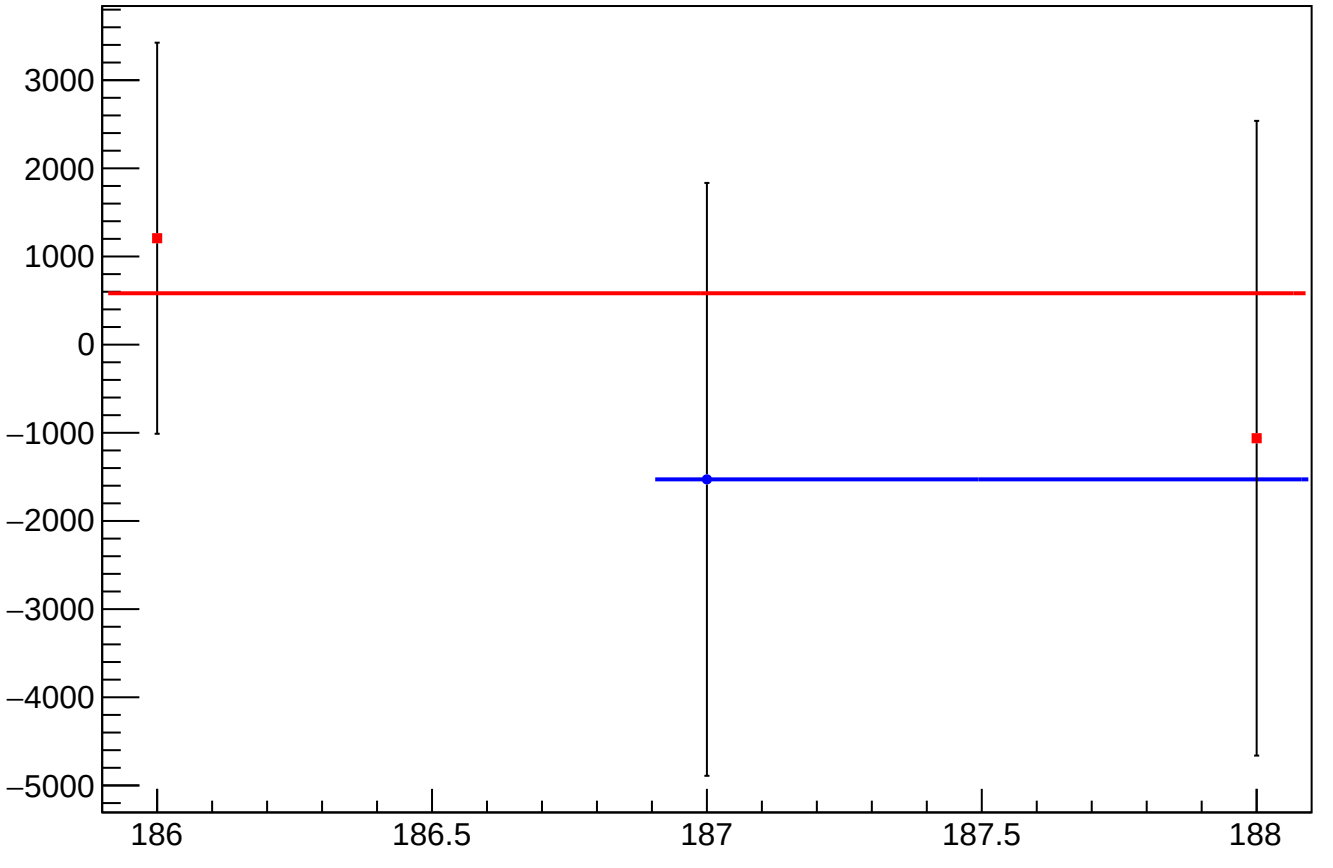
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6681.270+/-5.683 χ^2/NDF: 12949.5/2

In: 6009.383+/-10.931 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6681.270+/-5.683 χ^2/NDF: 12949.5/2



Right In: -1528.107+/-3362.517 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 582.935+/-1888.442 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

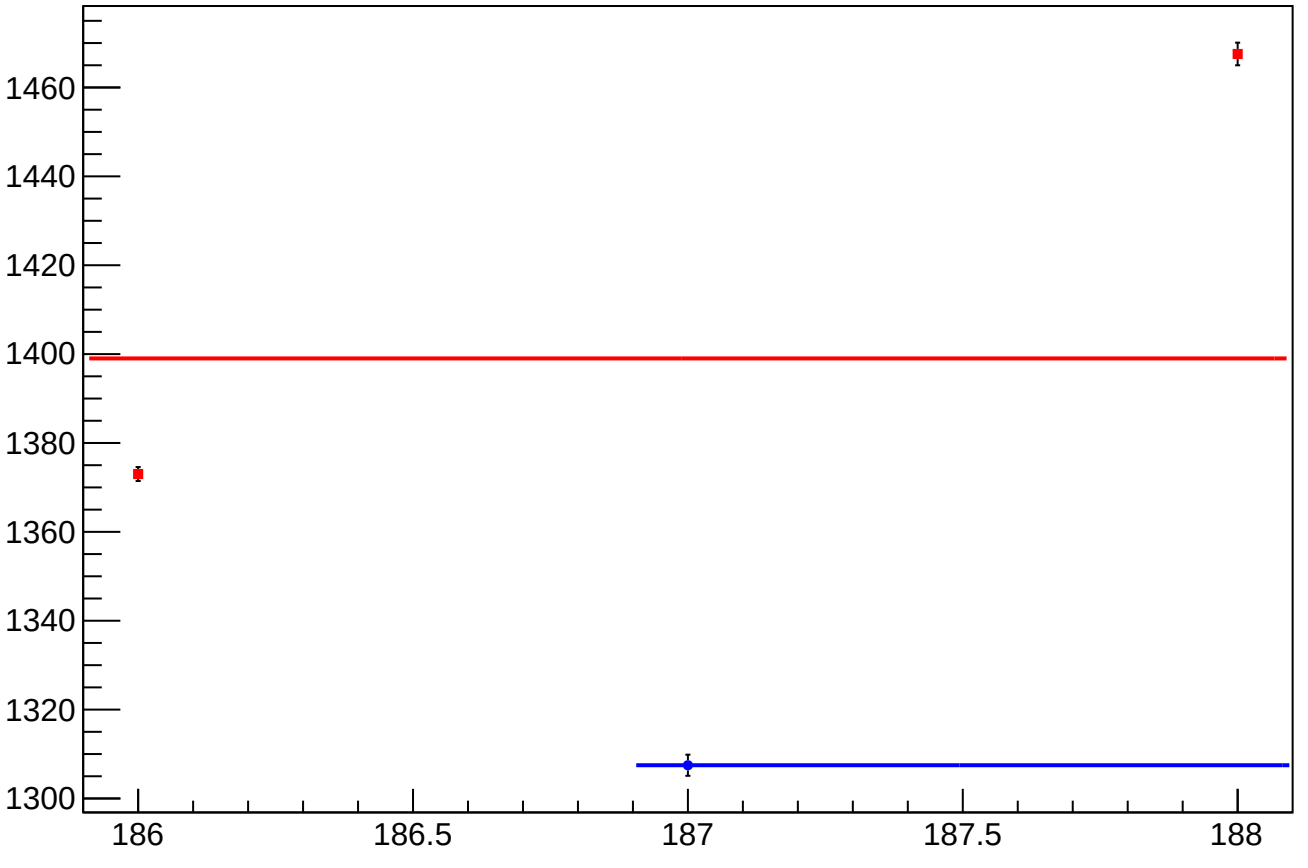
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 76.746+/-1646.541 χ^2/NDF: 0.6/2

In: -1528.107+/-3362.517 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 76.746+/-1646.541 χ^2/NDF: 0.6/2



Right In: 1307.482+/-2.378 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1399.027+/-1.335 χ^2/NDF: 999.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

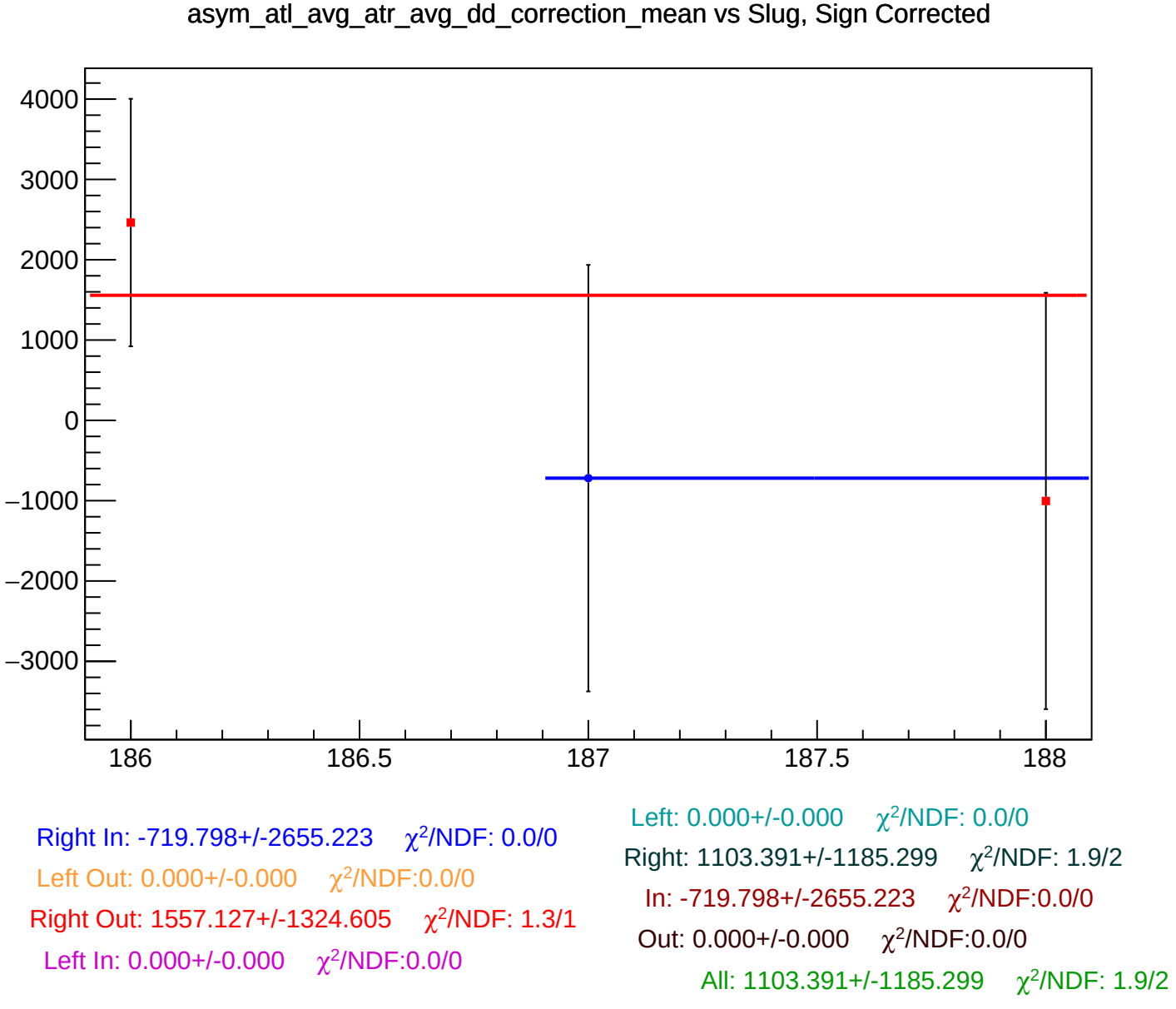
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1377.076+/-1.164 χ^2/NDF: 2126.4/2

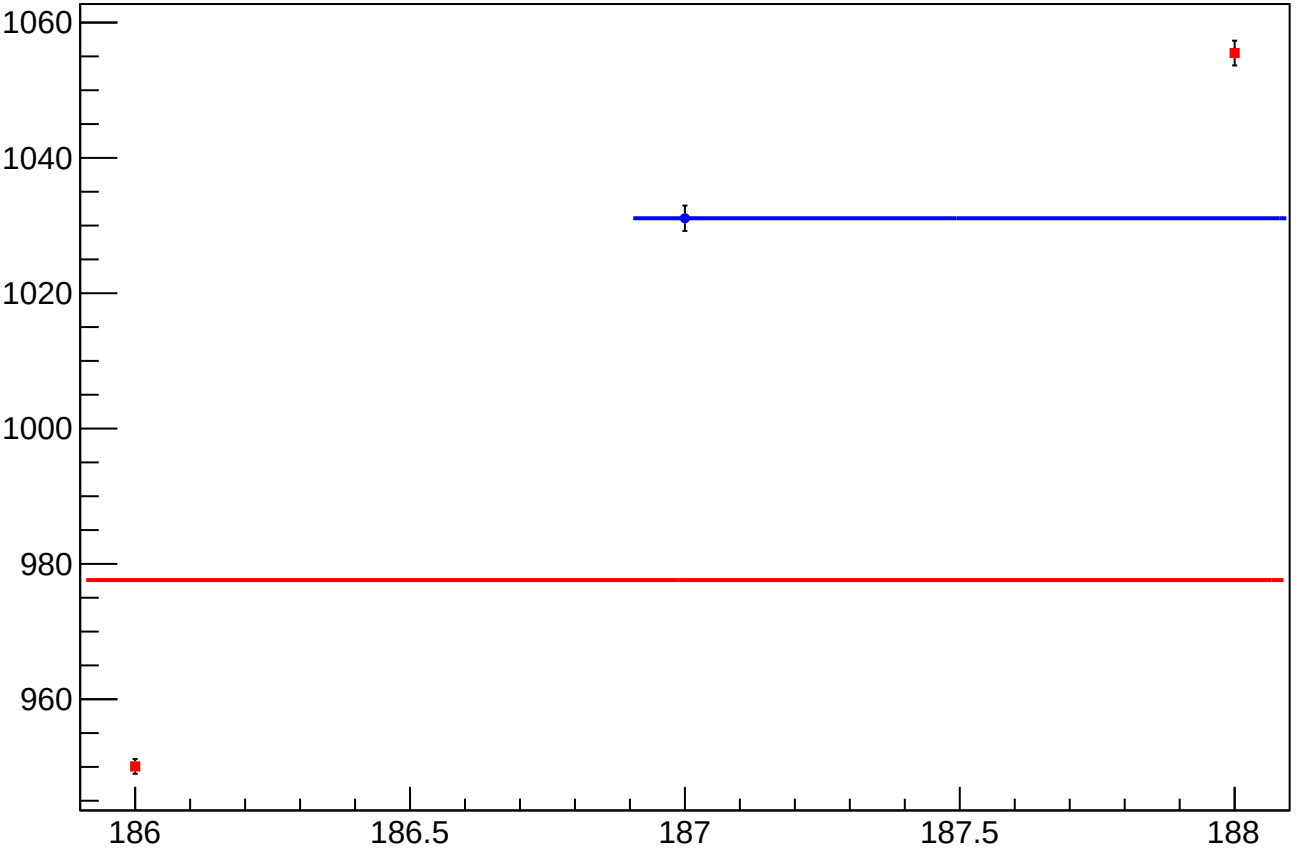
In: 1307.482+/-2.378 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1377.076+/-1.164 χ^2/NDF: 2126.4/2


asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected
4000
3000
2000
1000
0
−1000
−2000
−3000
186
186.5
187
187.5
188
Right In: -719.798+/-2655.223 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1557.127+/-1324.605 χ²/NDF: 1.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1103.391+/-1185.299 χ²/NDF: 1.9/2
In: -719.798+/-2655.223 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1103.391+/-1185.299 χ²/NDF: 1.9/2

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1031.080+/-1.878 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 977.610+/-0.937 χ^2/NDF: 2444.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

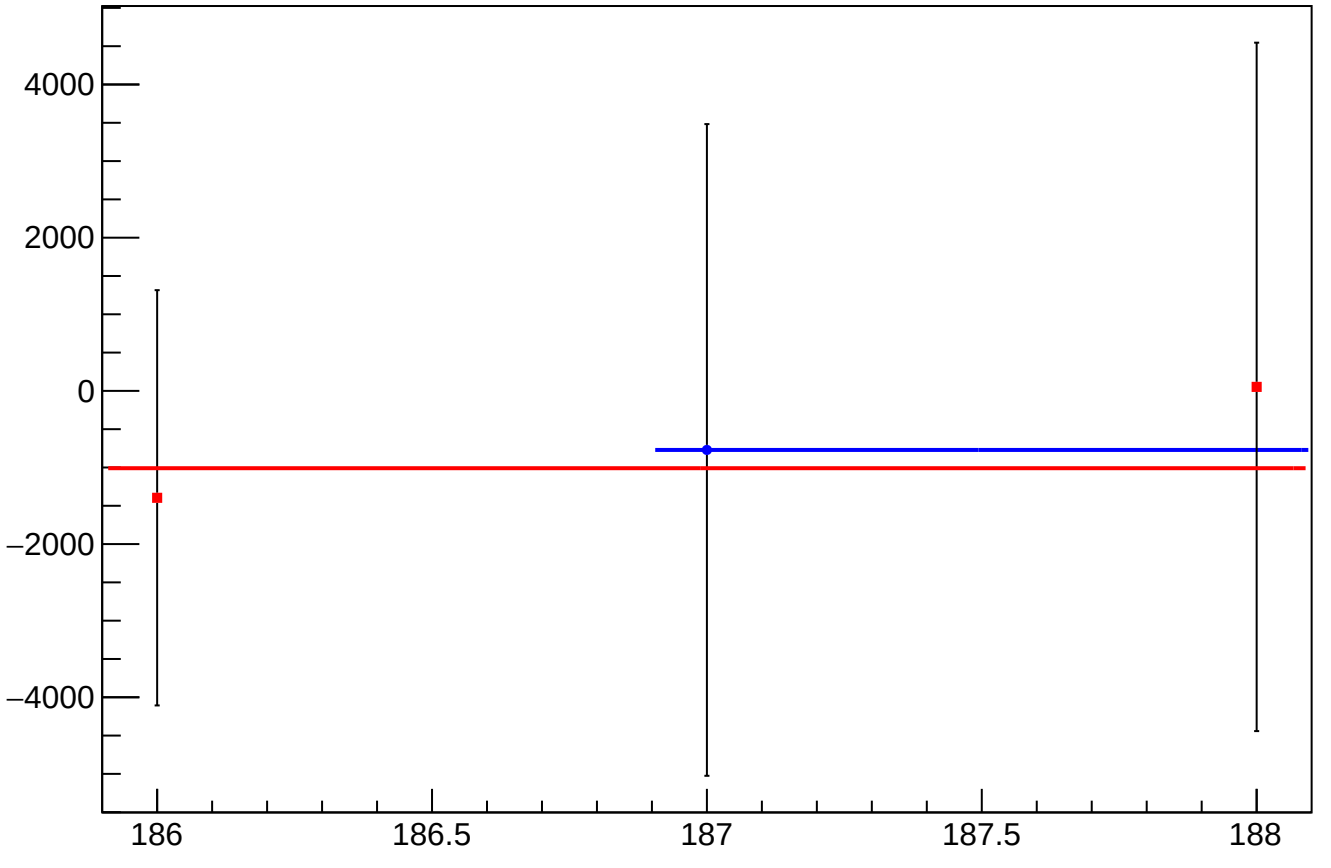
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 988.265+/-0.838 χ^2/NDF: 3094.2/2

In: 1031.080+/-1.878 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 988.265+/-0.838 χ^2/NDF: 3094.2/2



Right In: -771.055+/-4254.110 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1009.479+/-2321.187 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

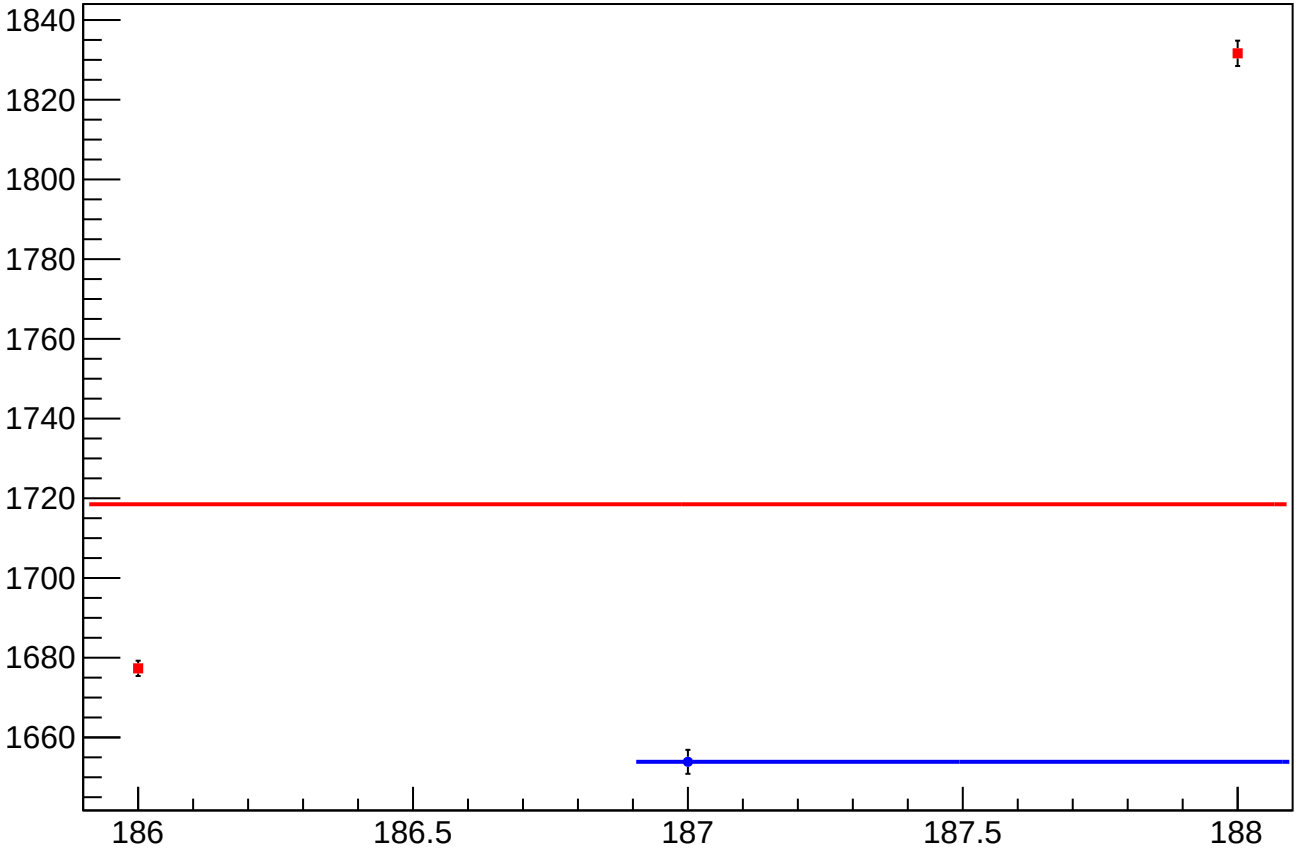
Right: -954.781+/-2037.606 χ^2/NDF: 0.1/2

In: -771.055+/-4254.110 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -954.781+/-2037.606 χ^2/NDF: 0.1/2

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1653.880+/-3.008 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1718.500+/-1.641 χ^2/NDF: 1729.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

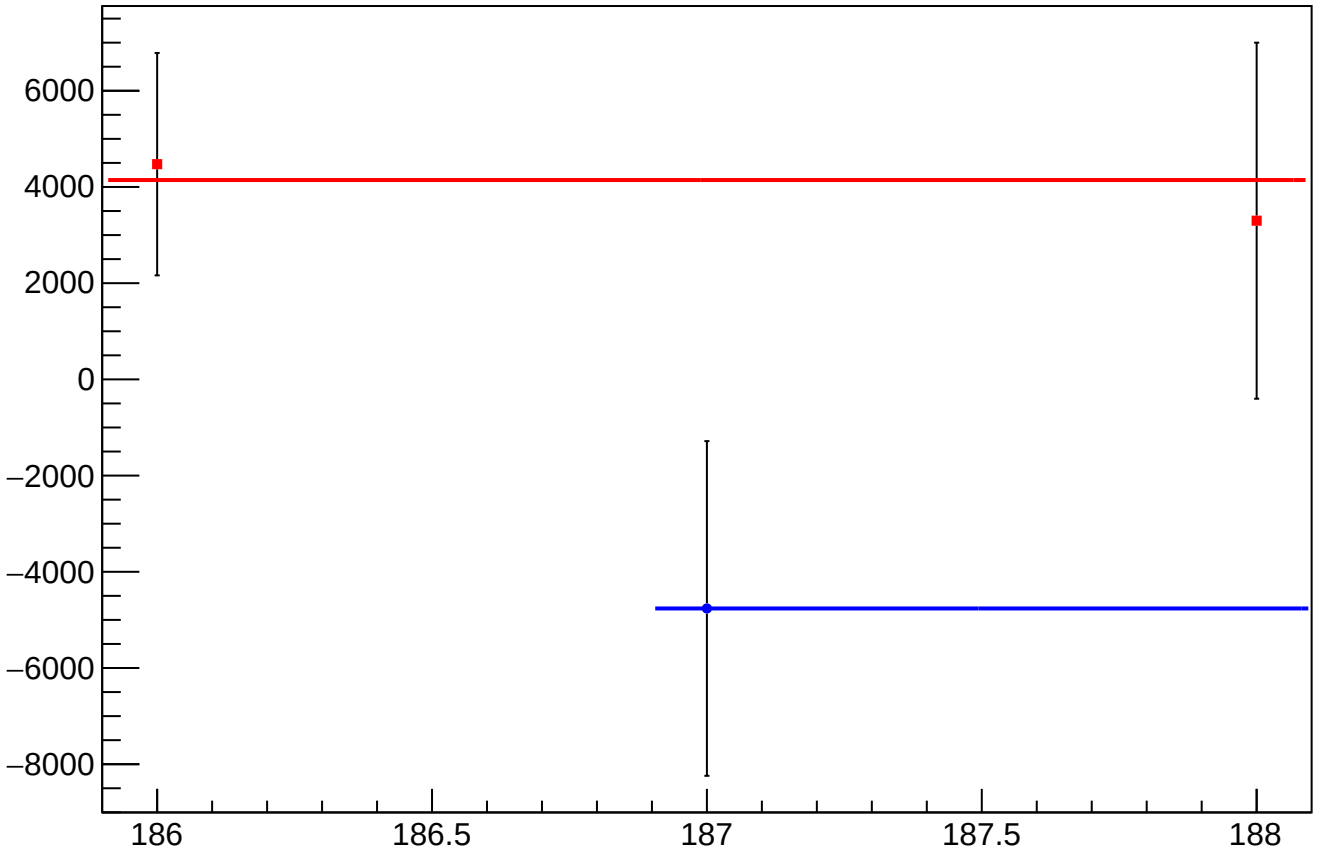
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1703.675+/-1.441 χ^2/NDF: 2084.7/2

In: 1653.880+/-3.008 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1703.675+/-1.441 χ^2/NDF: 2084.7/2



Right In: -4762.105+/-3478.727 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4144.130+/-1960.772 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

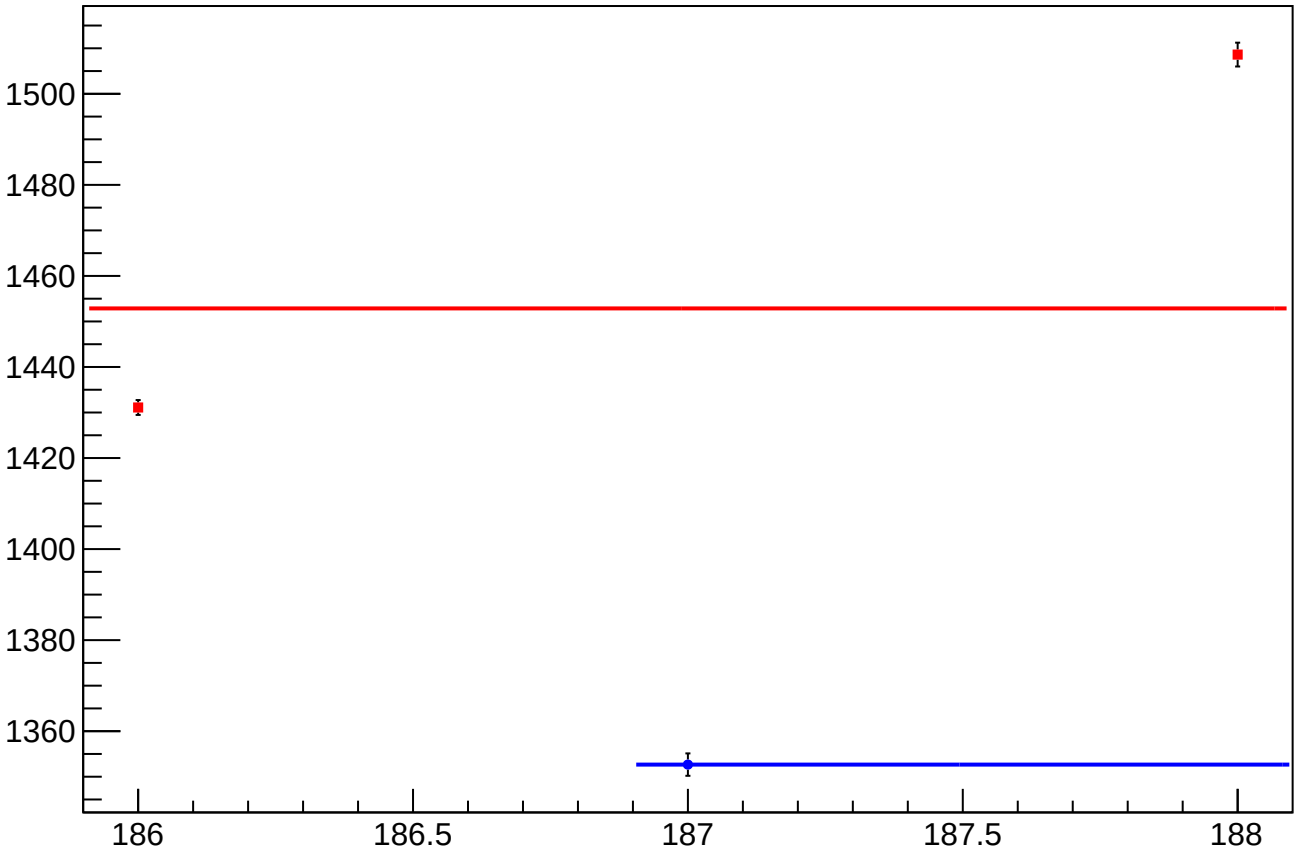
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1996.835+/-1708.123 χ^2/NDF: 5.0/2

In: -4762.105+/-3478.727 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1996.835+/-1708.123 χ^2/NDF: 5.0/2



Right In: 1352.661+/-2.460 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1452.863+/-1.386 χ^2/NDF: 631.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

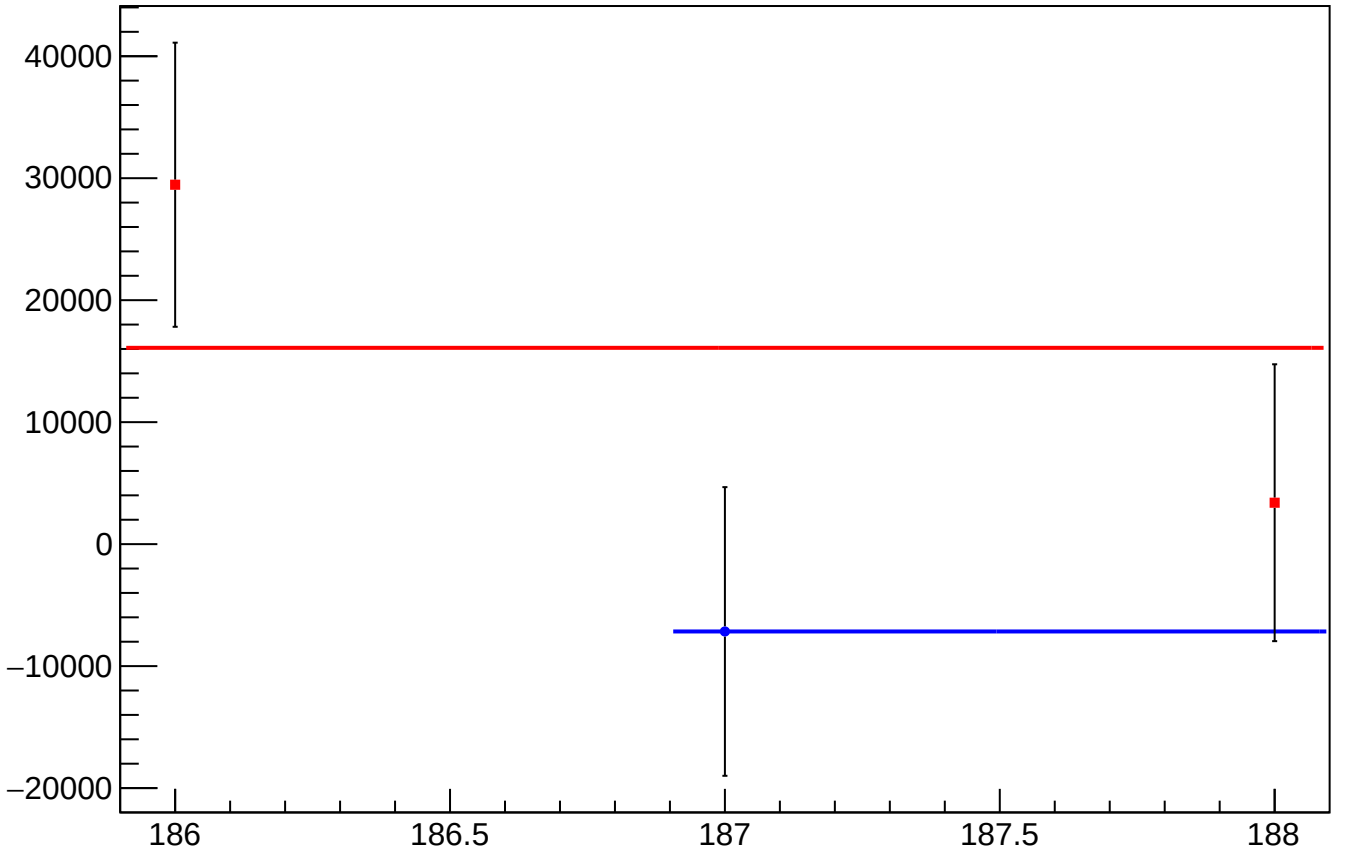
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1428.704+/-1.208 χ^2/NDF: 1890.4/2

In: 1352.661+/-2.460 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1428.704+/-1.208 χ^2/NDF: 1890.4/2



Right In: -7159.298+/-11832.734 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16093.475+/-8128.142 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

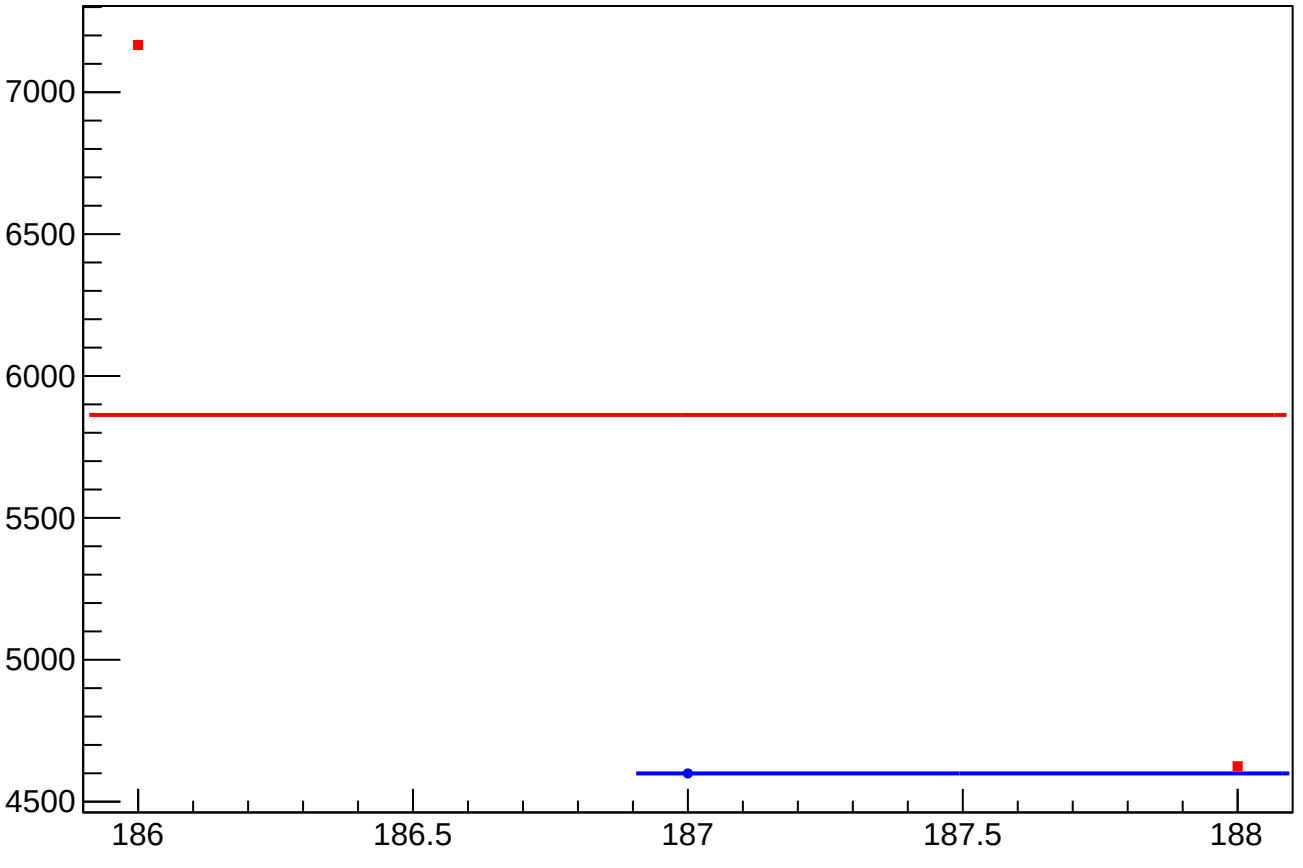
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8638.934+/-6699.743 χ^2/NDF: 5.2/2

In: -7159.298+/-11832.734 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8638.934+/-6699.743 χ^2/NDF: 5.2/2



Right In: 4599.561+/-8.367 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5862.798+/-5.747 χ^2/NDF: 48851.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

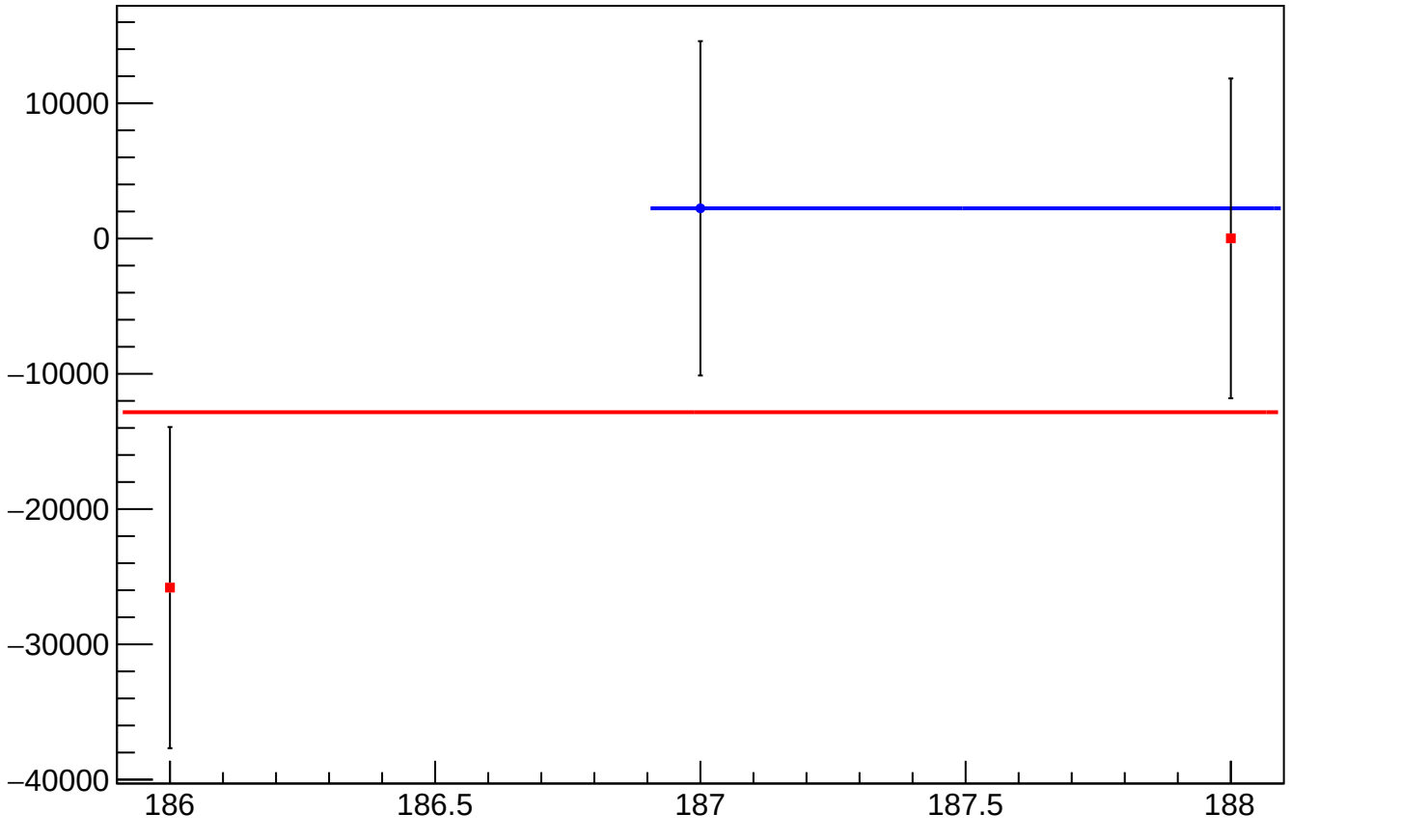
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5457.821+/-4.737 χ^2/NDF: 64338.7/2

In: 4599.561+/-8.367 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5457.821+/-4.737 χ^2/NDF: 64338.7/2



Right In: 2234.450+/-12358.930 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12838.811+/-8376.937 χ^2/NDF: 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

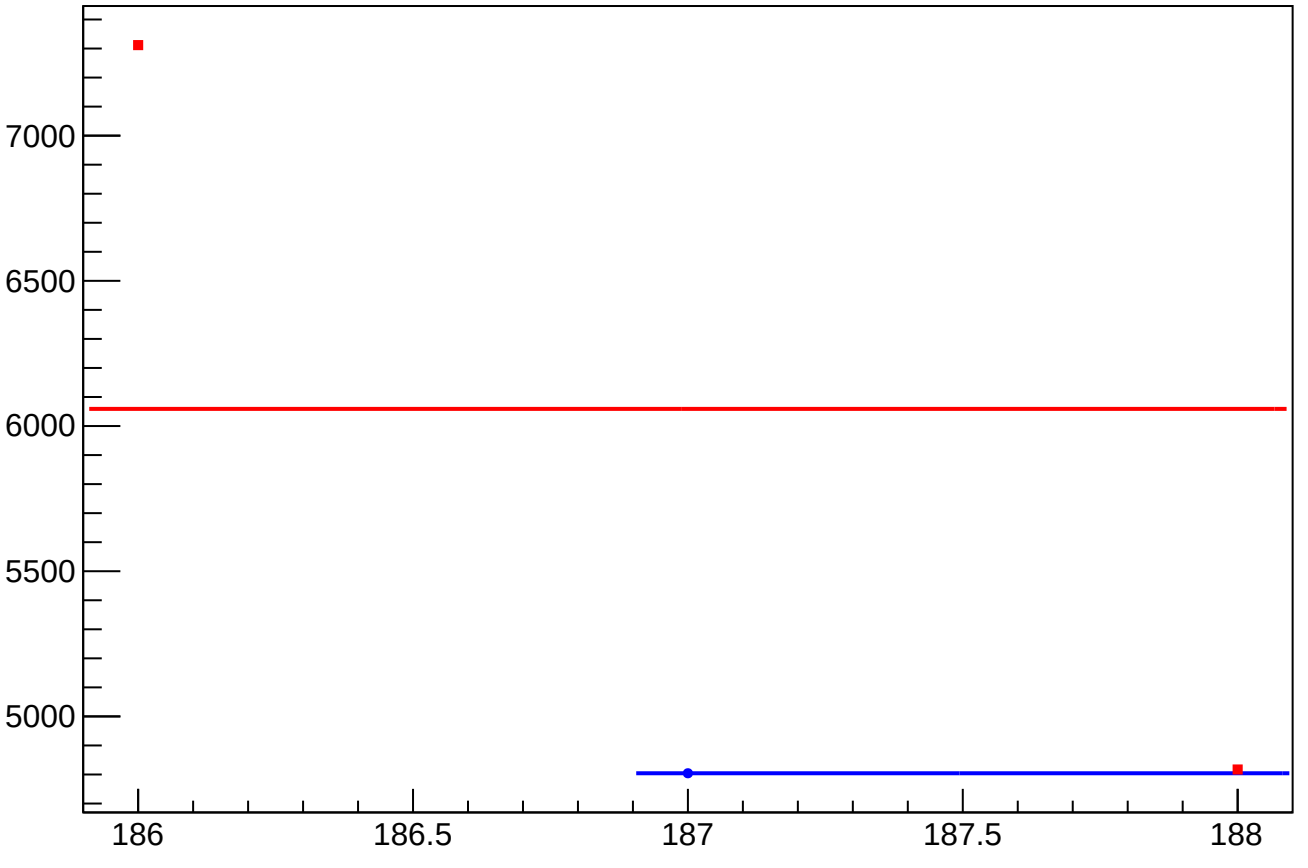
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8093.813+/-6934.183 χ^2/NDF: 3.4/2

In: 2234.450+/-12358.930 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8093.813+/-6934.183 χ^2/NDF: 3.4/2



Right In: 4804.263+/-8.739 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6059.042+/-5.923 χ^2/NDF: 44339.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

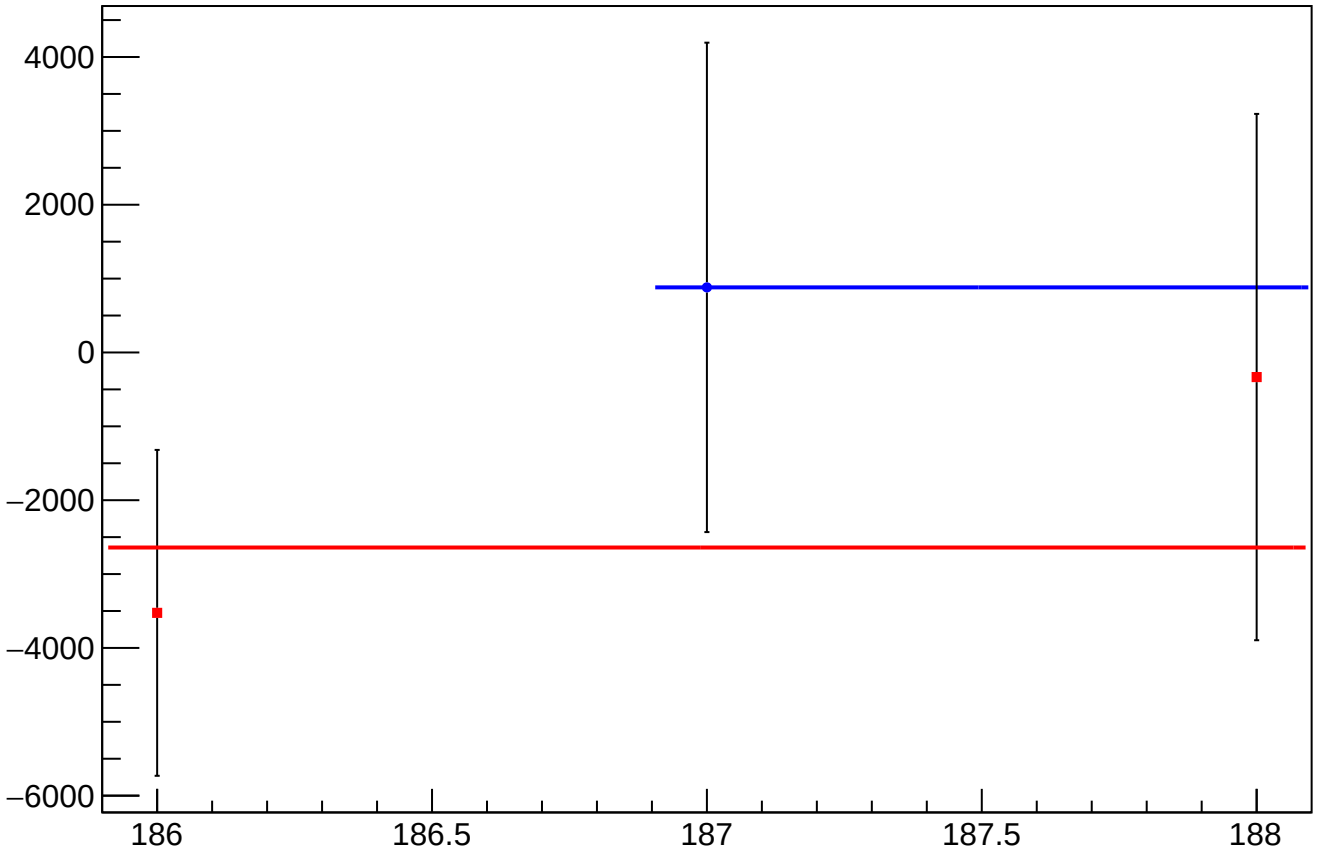
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5664.043+/-4.903 χ^2/NDF: 58465.2/2

In: 4804.263+/-8.739 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5664.043+/-4.903 χ^2/NDF: 58465.2/2



Right In: 881.184+/-3312.846 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2640.516+/-1875.515 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

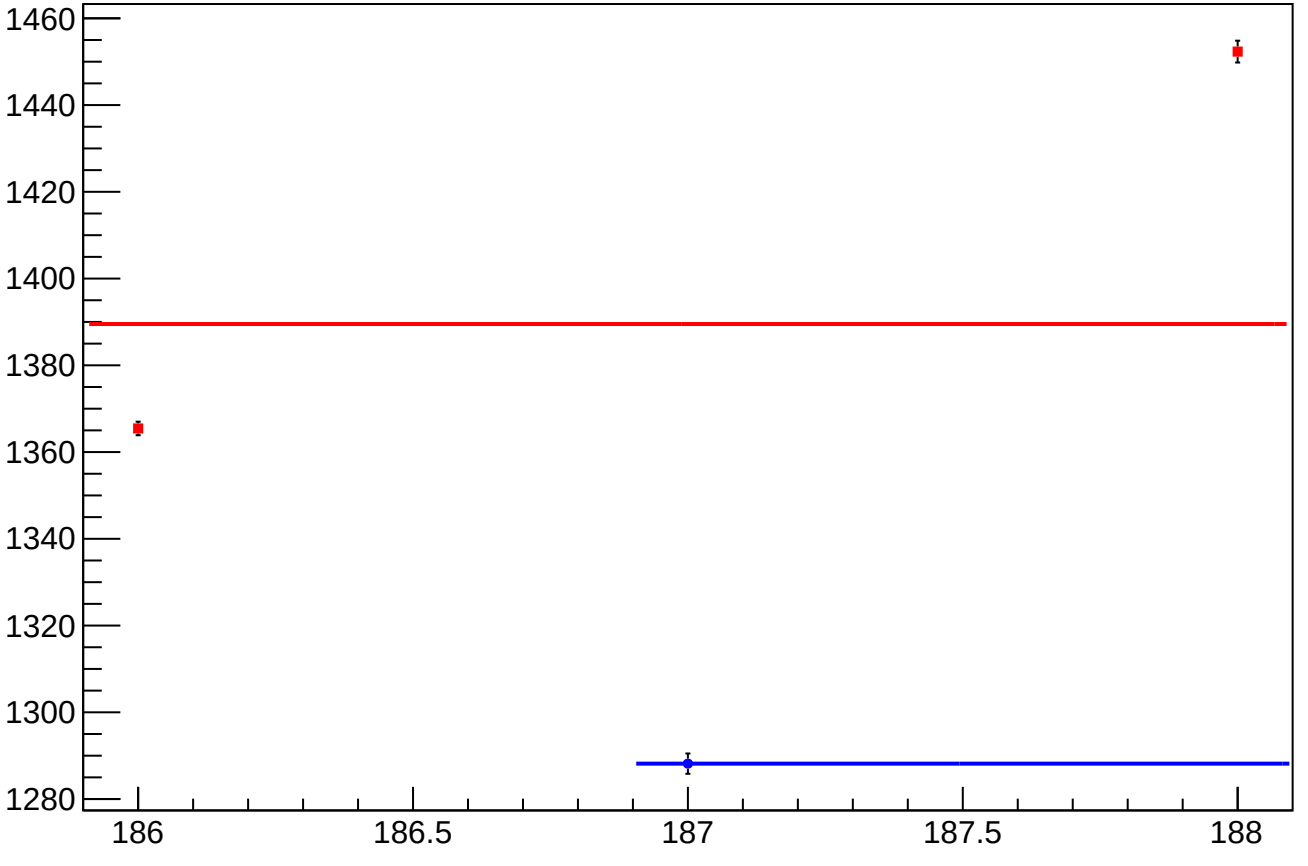
Right: -1785.745+/-1632.112 χ^2/NDF: 1.4/2

In: 881.184+/-3312.846 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1785.745+/-1632.112 χ^2/NDF: 1.4/2

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1288.166+/-2.343 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1389.520+/-1.326 χ^2/NDF: 859.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

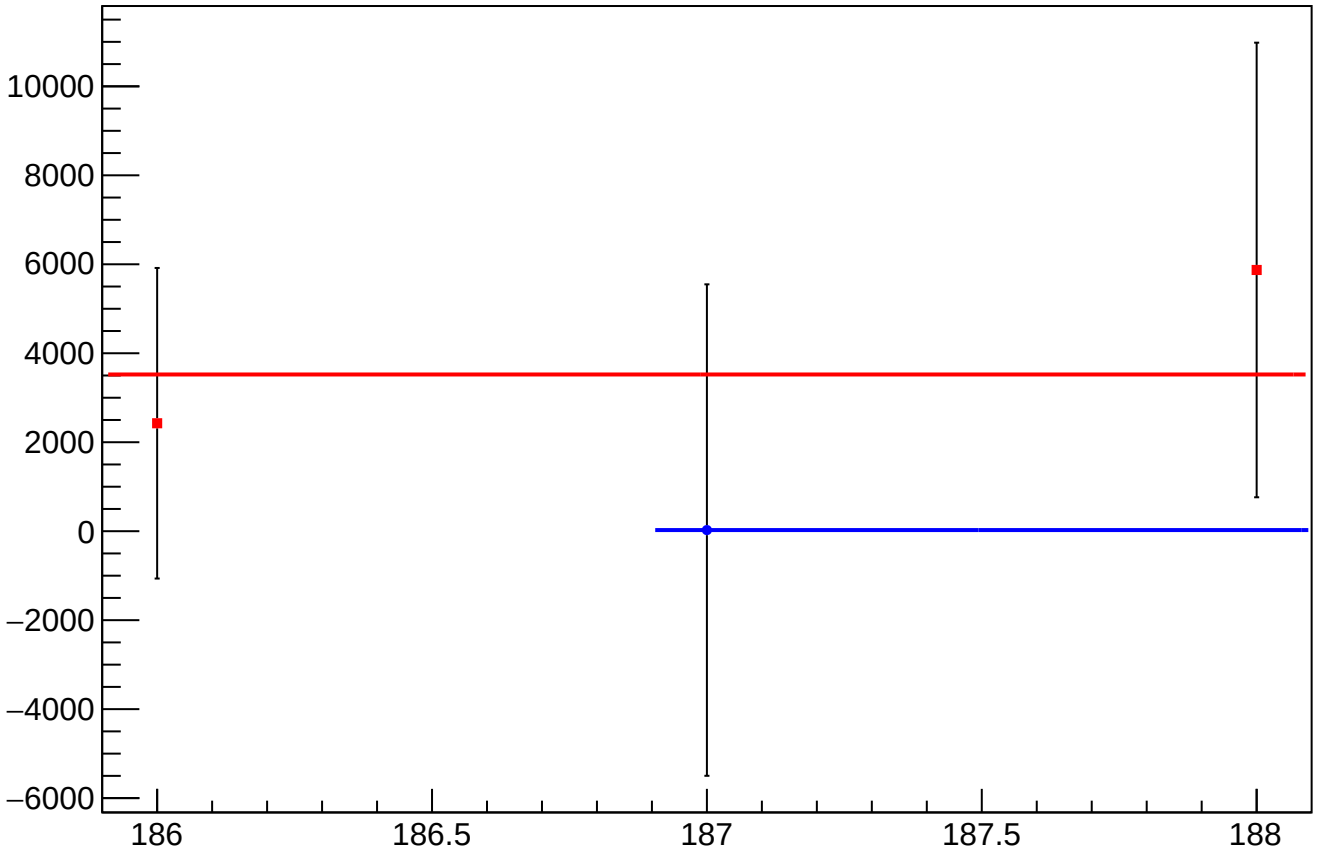
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1364.920+/-1.154 χ^2/NDF: 2277.5/2

In: 1288.166+/-2.343 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1364.920+/-1.154 χ^2/NDF: 2277.5/2



Right In: 25.429+/-5523.863 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3522.829+/-2882.384 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

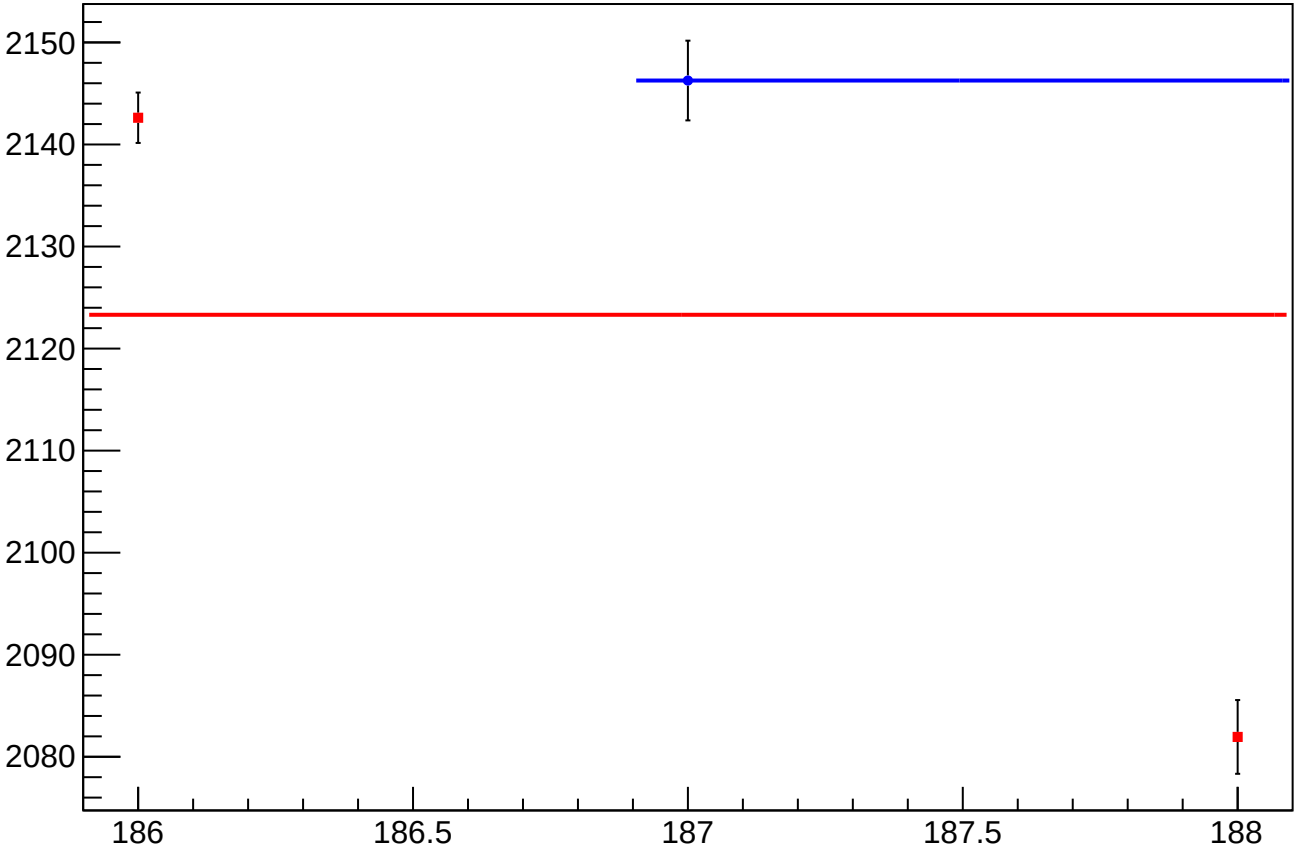
Right: 2774.349+/-2555.408 χ^2/NDF: 0.6/2

In: 25.429+/-5523.863 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2774.349+/-2555.408 χ^2/NDF: 0.6/2

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 2146.266+/-3.906 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2123.312+/-2.038 χ^2/NDF: 192.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

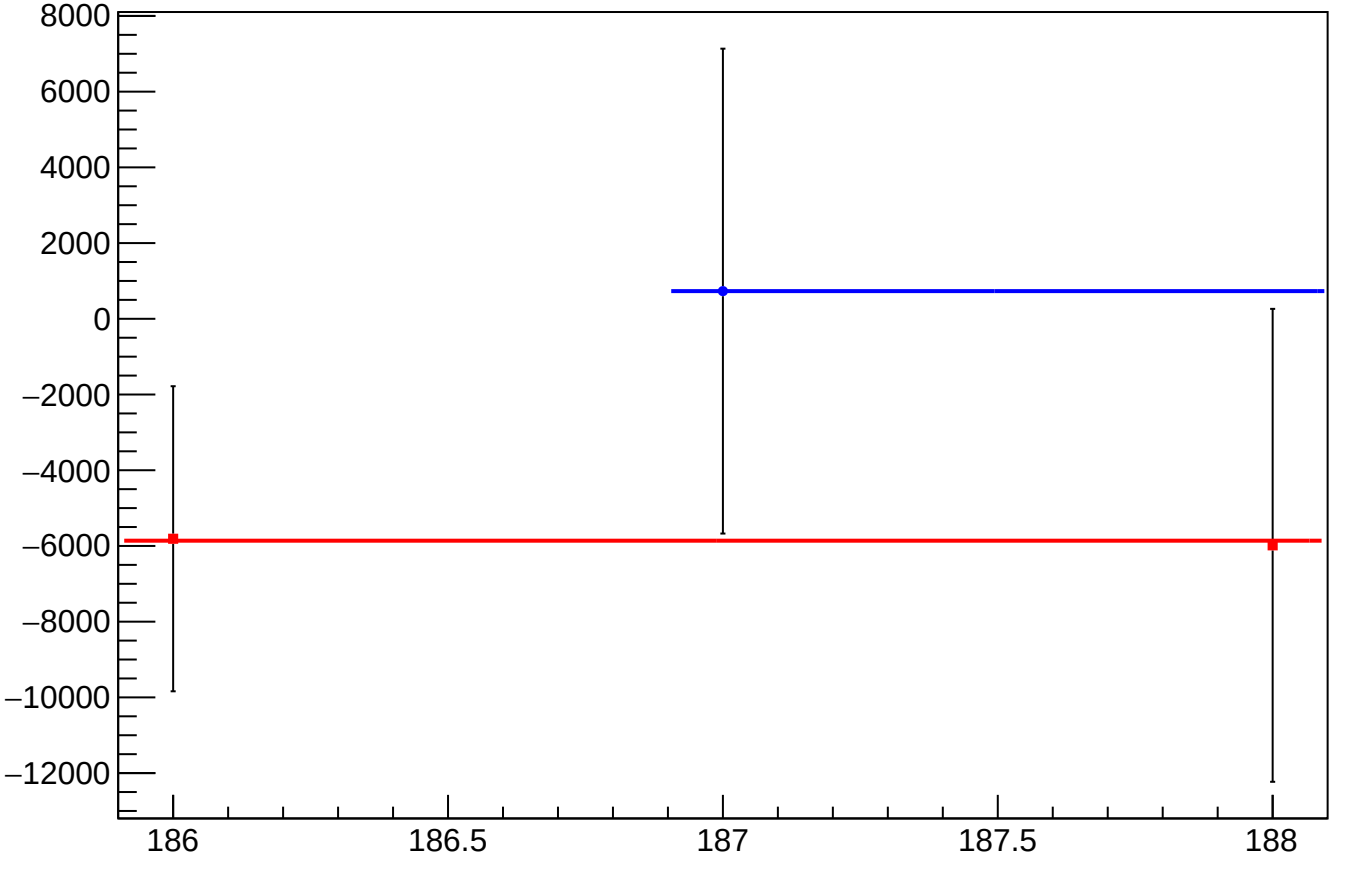
Right: 2128.224+/-1.807 χ^2/NDF: 219.4/2

In: 2146.266+/-3.906 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2128.224+/-1.807 χ^2/NDF: 219.4/2

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 731.356+/-6403.869 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5861.048+/-3385.885 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

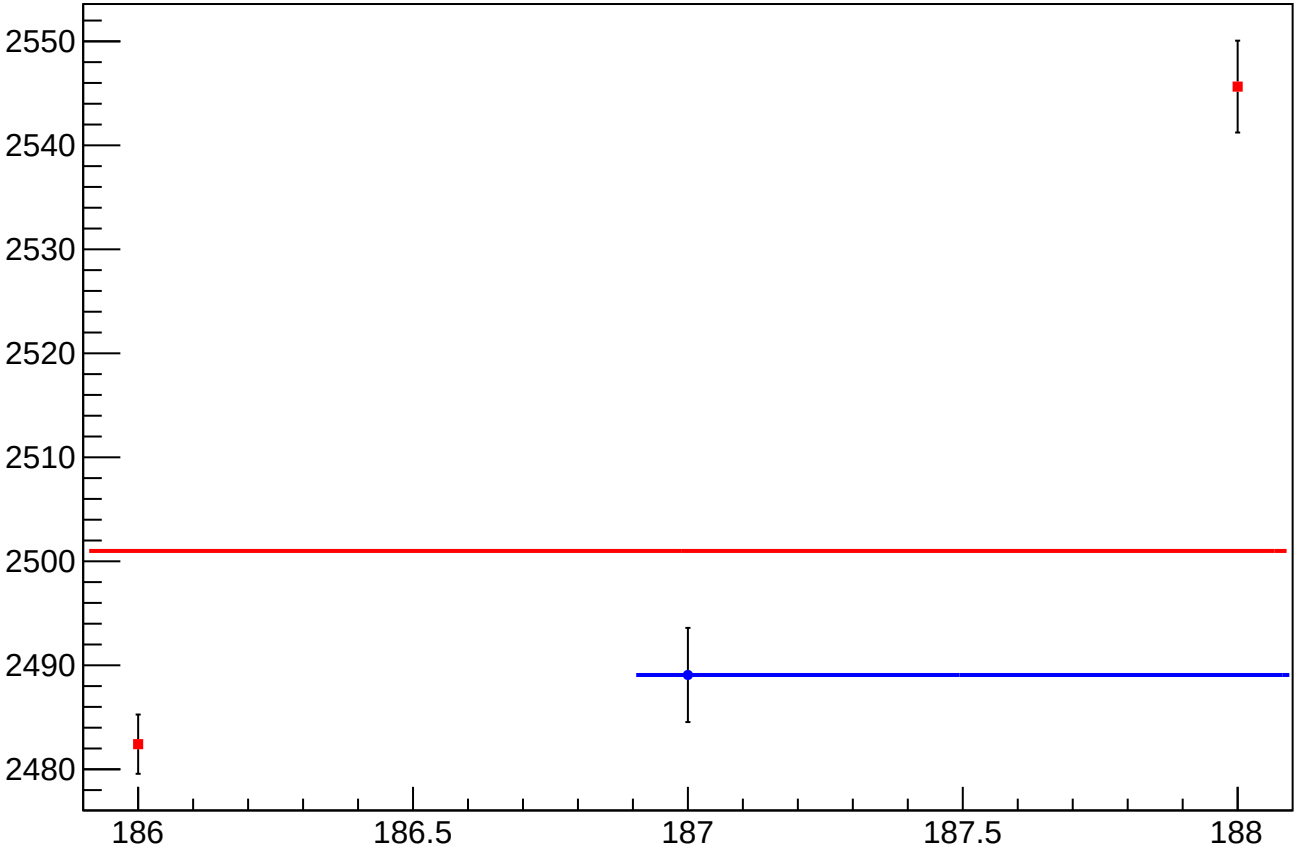
Right: -4420.771+/-2993.254 χ^2/NDF: 0.8/2

In: 731.356+/-6403.869 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4420.771+/-2993.254 χ^2/NDF: 0.8/2

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2489.069+/-4.528 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2500.997+/-2.394 χ^2/NDF: 144.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

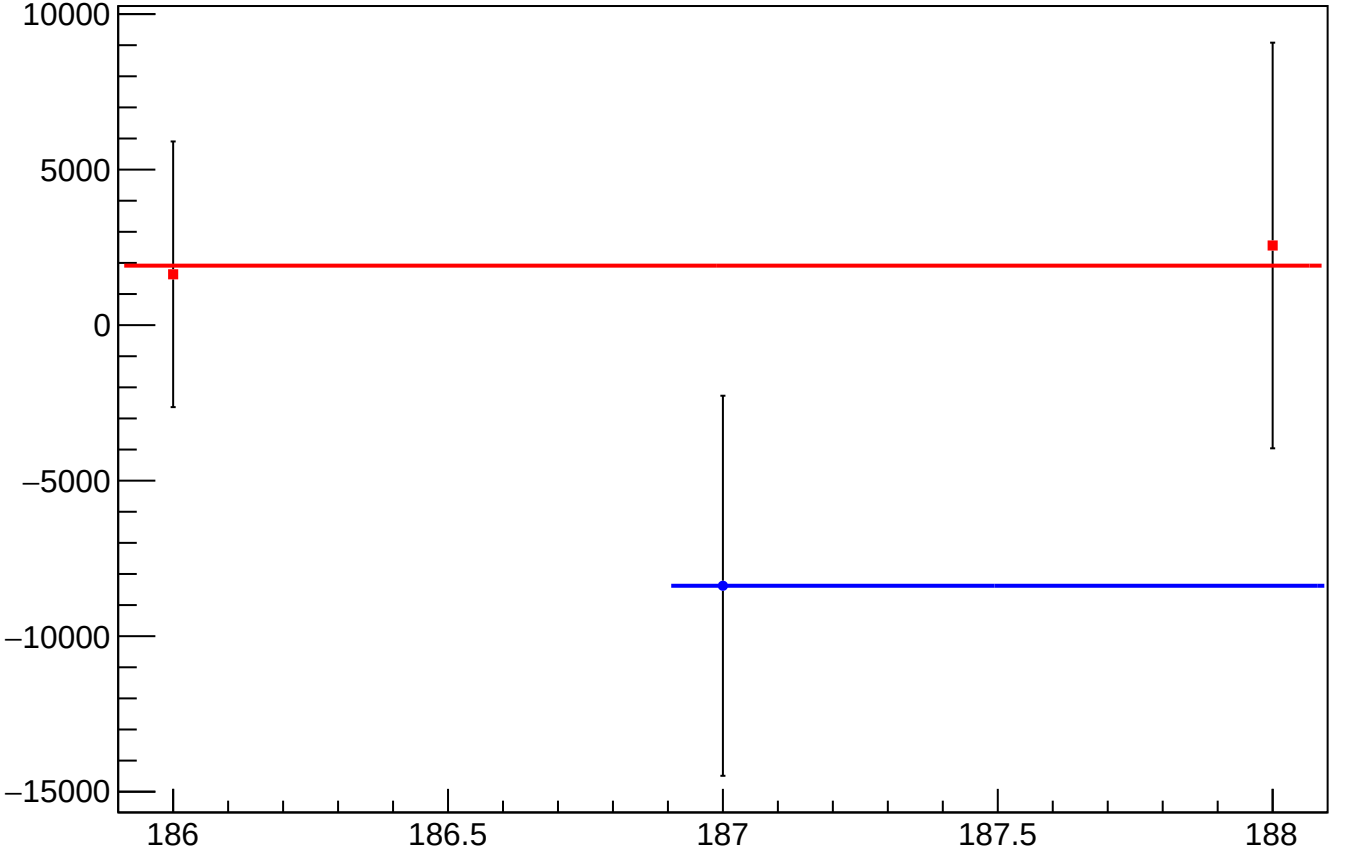
Right: 2498.391+/-2.117 χ^2/NDF: 150.2/2

In: 2489.069+/-4.528 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2498.391+/-2.117 χ^2/NDF: 150.2/2

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: -8379.225+/-6109.481 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1912.564+/-3572.536 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

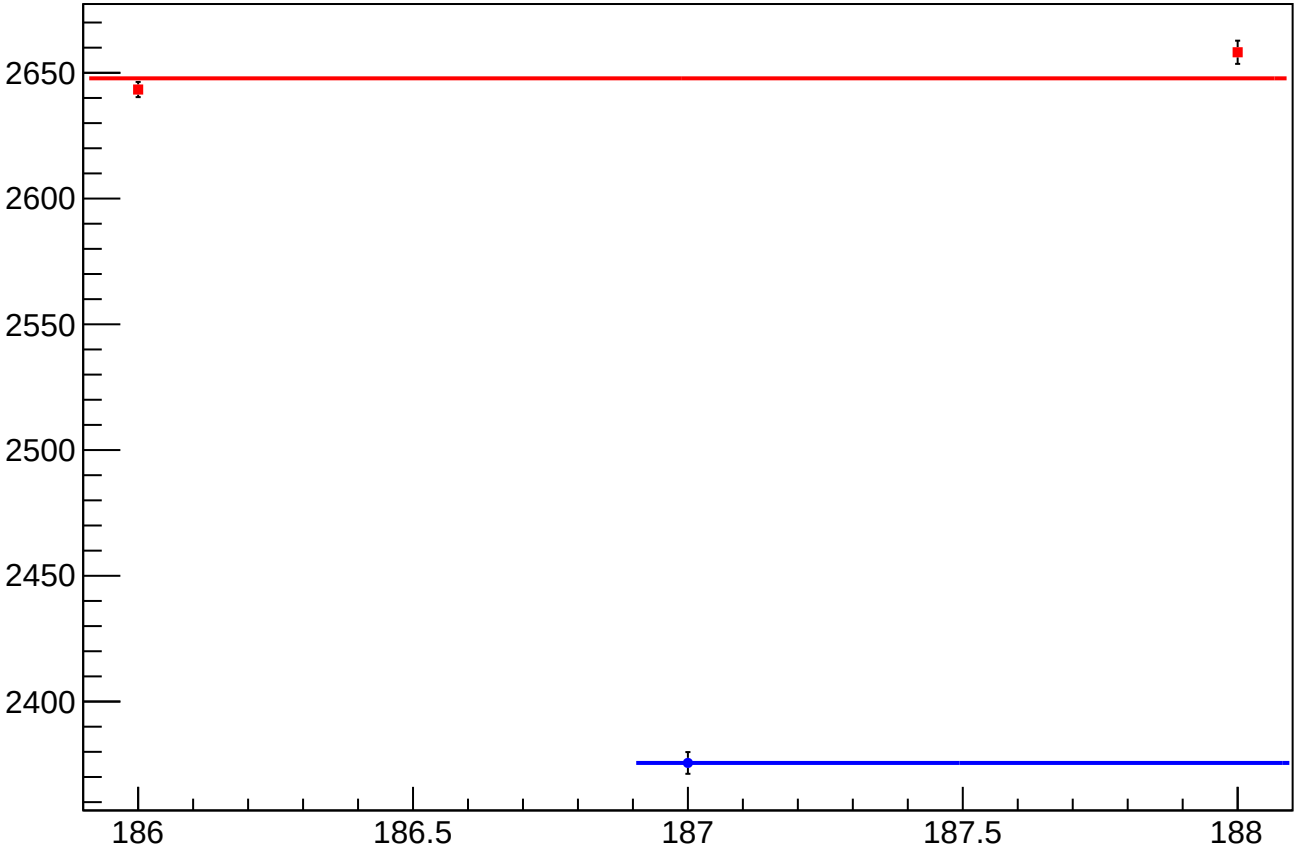
Right: -709.864+/-3083.974 χ^2/NDF: 2.1/2

In: -8379.225+/-6109.481 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -709.864+/-3083.974 χ^2/NDF: 2.1/2

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2375.589+/-4.320 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2647.805+/-2.526 χ^2/NDF: 7.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

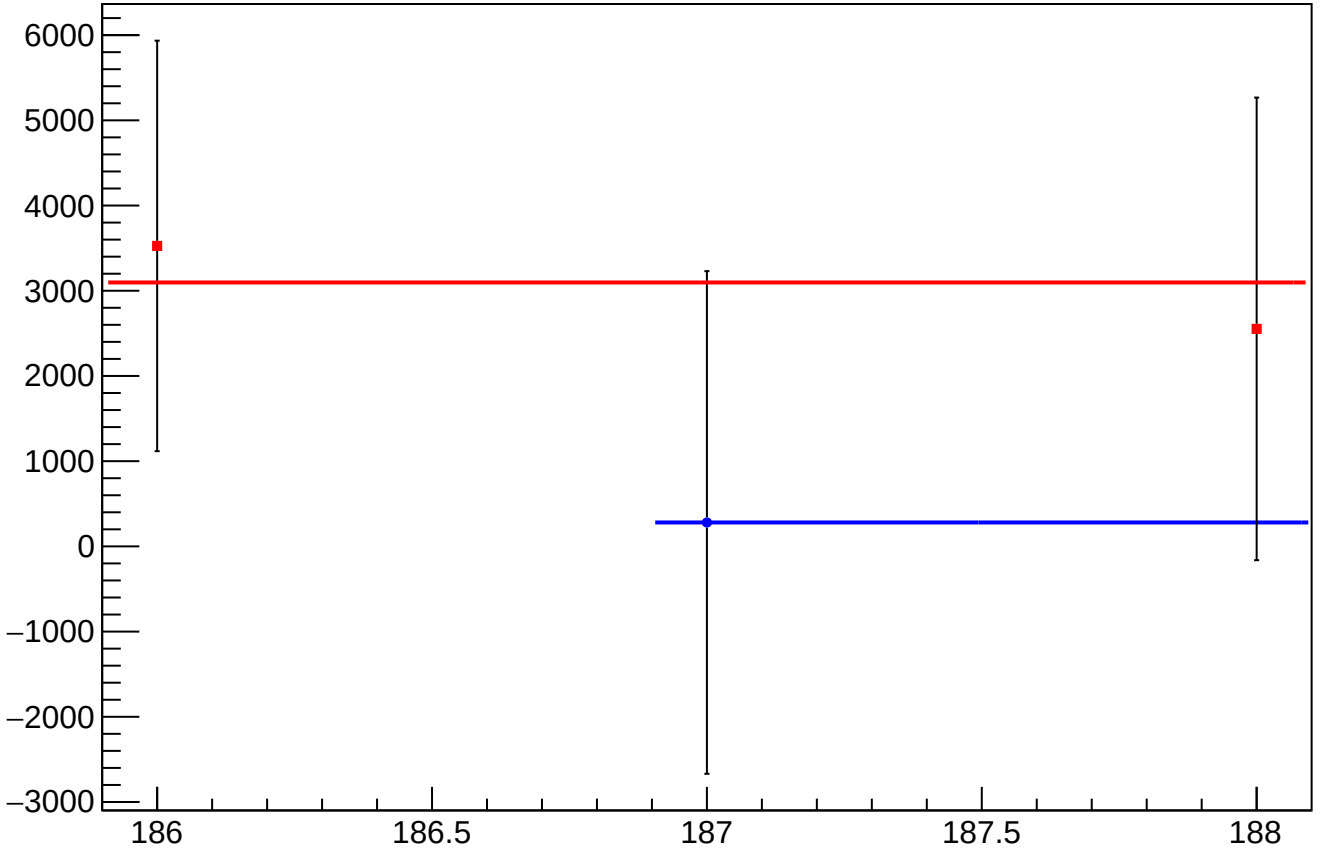
Right: 2578.442+/-2.181 χ^2/NDF: 2966.0/2

In: 2375.589+/-4.320 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2578.442+/-2.181 χ^2/NDF: 2966.0/2

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 280.614+/-2949.625 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3097.190+/-1801.773 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

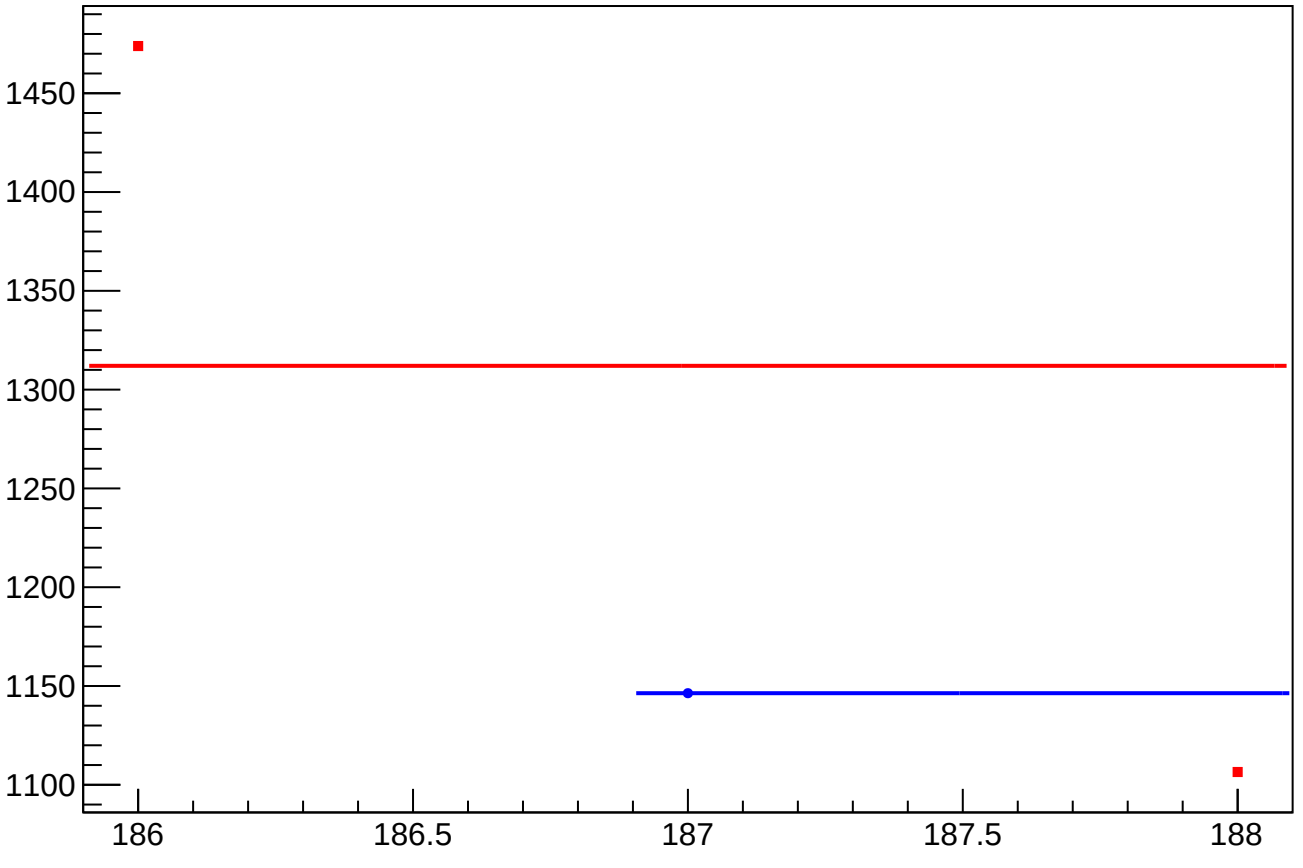
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2331.815+/-1537.600 χ^2/NDF: 0.7/2

In: 280.614+/-2949.625 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2331.815+/-1537.600 χ^2/NDF: 0.7/2



Right In: 1146.360+/-2.086 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1312.044+/-1.274 χ^2/NDF: 20497.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

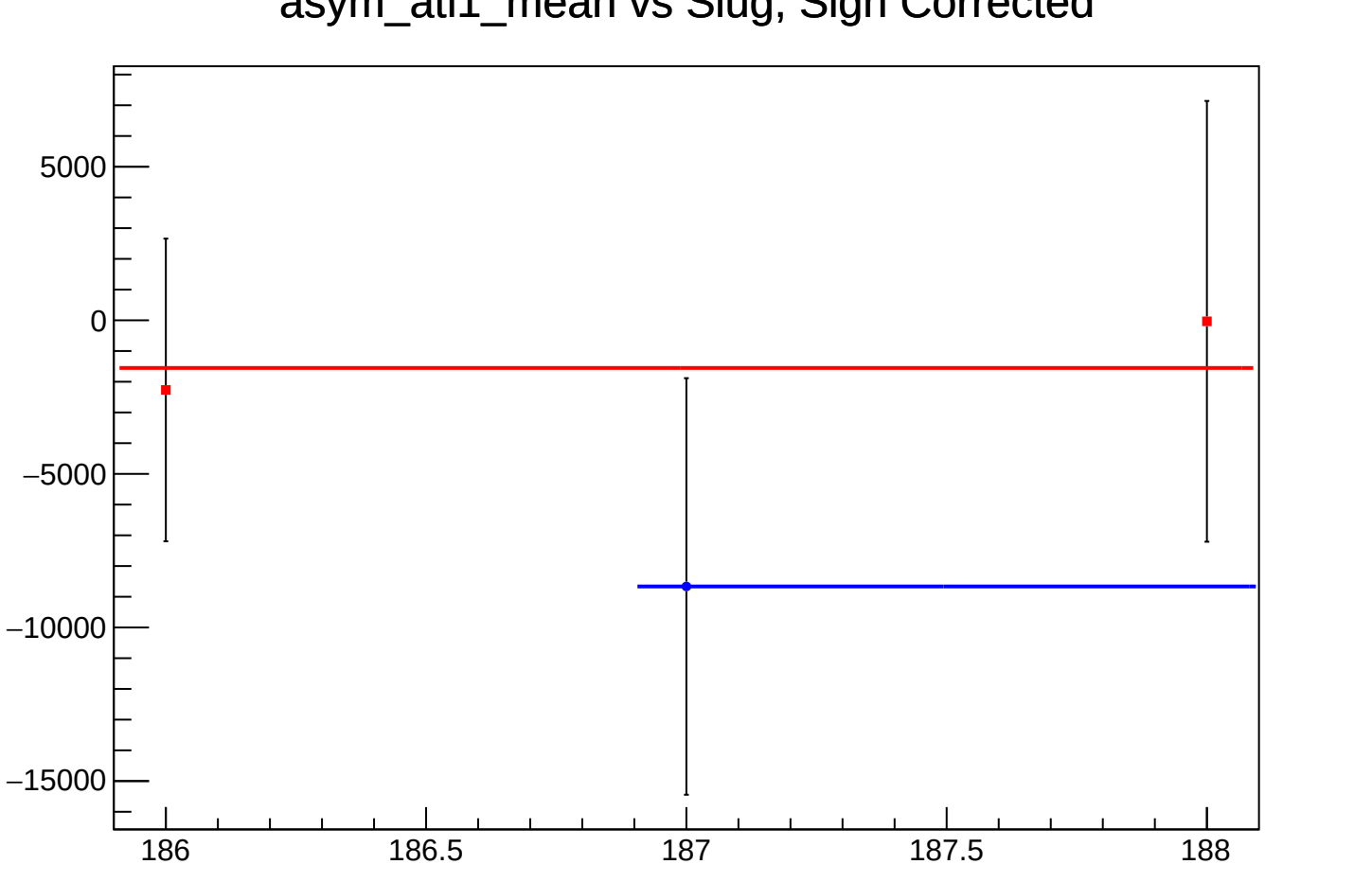
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1267.021+/-1.087 χ^2/NDF: 25093.3/2

In: 1146.360+/-2.086 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1267.021+/-1.087 χ^2/NDF: 25093.3/2



Right In: -8664.804+/-6780.630 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1551.477+/-4060.873 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

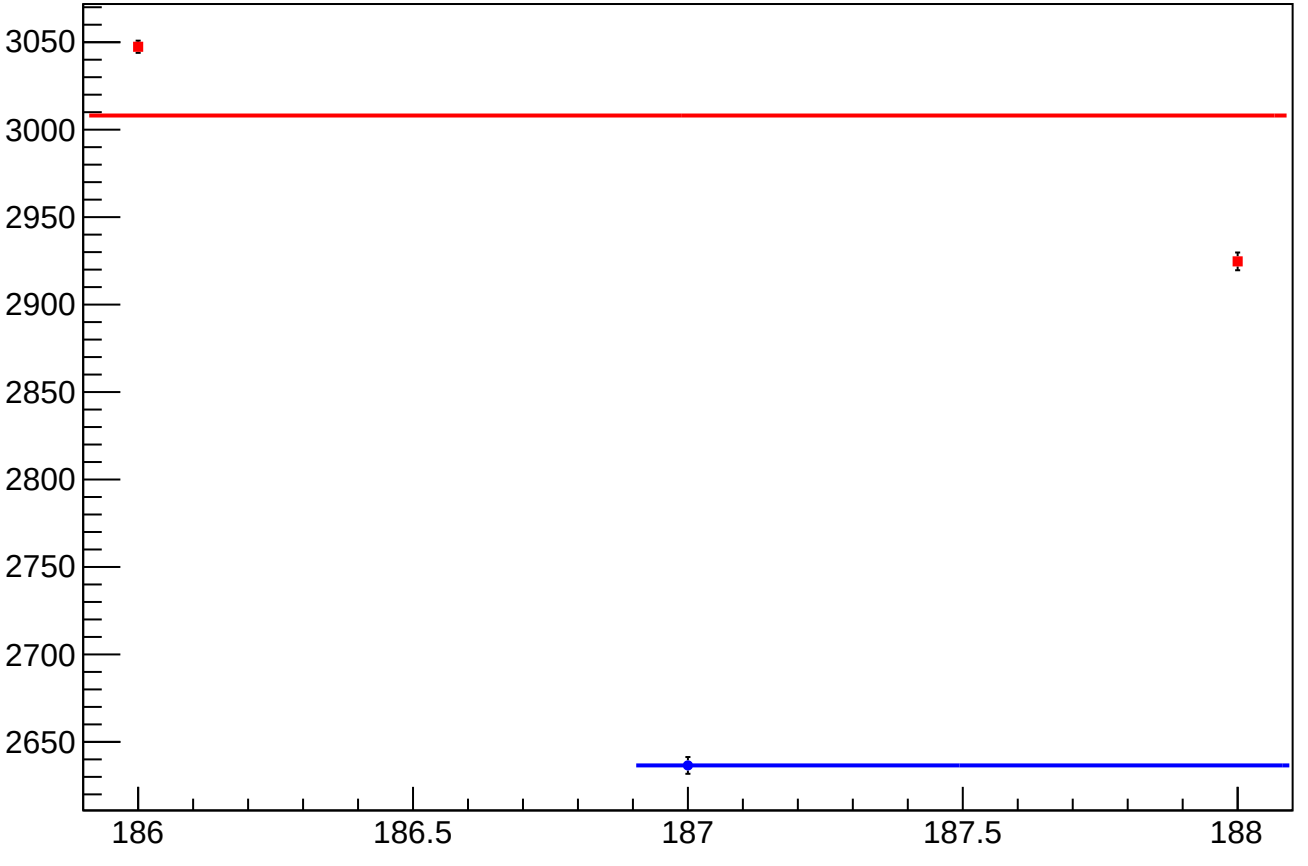
Right: -3429.309+/-3483.870 χ^2/NDF: 0.9/2

In: -8664.804+/-6780.630 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3429.309+/-3483.870 χ^2/NDF: 0.9/2

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2636.557+/-4.795 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3008.091+/-2.871 χ^2/NDF: 397.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

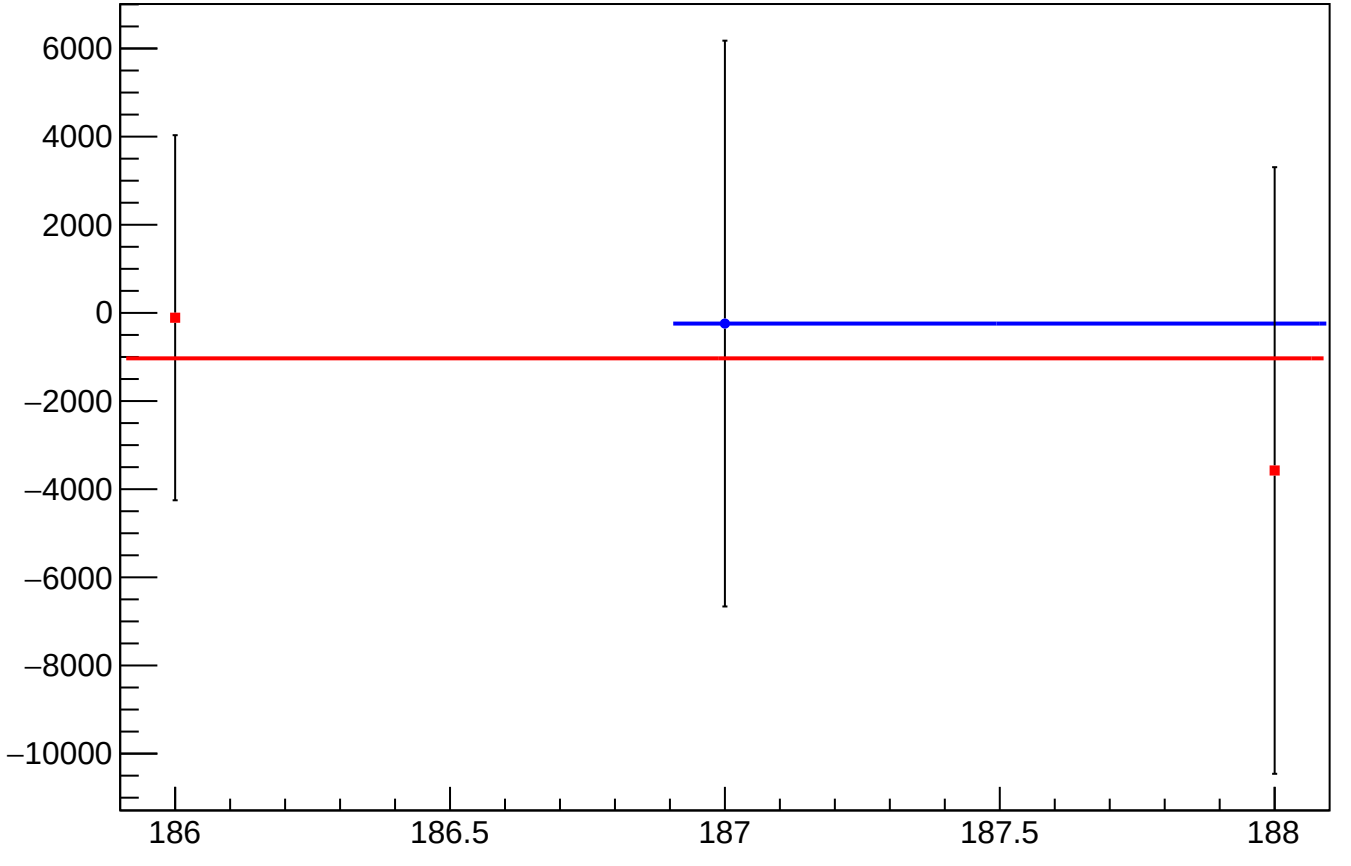
Right: 2910.011+/-2.463 χ^2/NDF: 4817.0/2

In: 2636.557+/-4.795 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2910.011+/-2.463 χ^2/NDF: 4817.0/2

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: -241.975+/-6419.239 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1031.129+/-3548.941 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

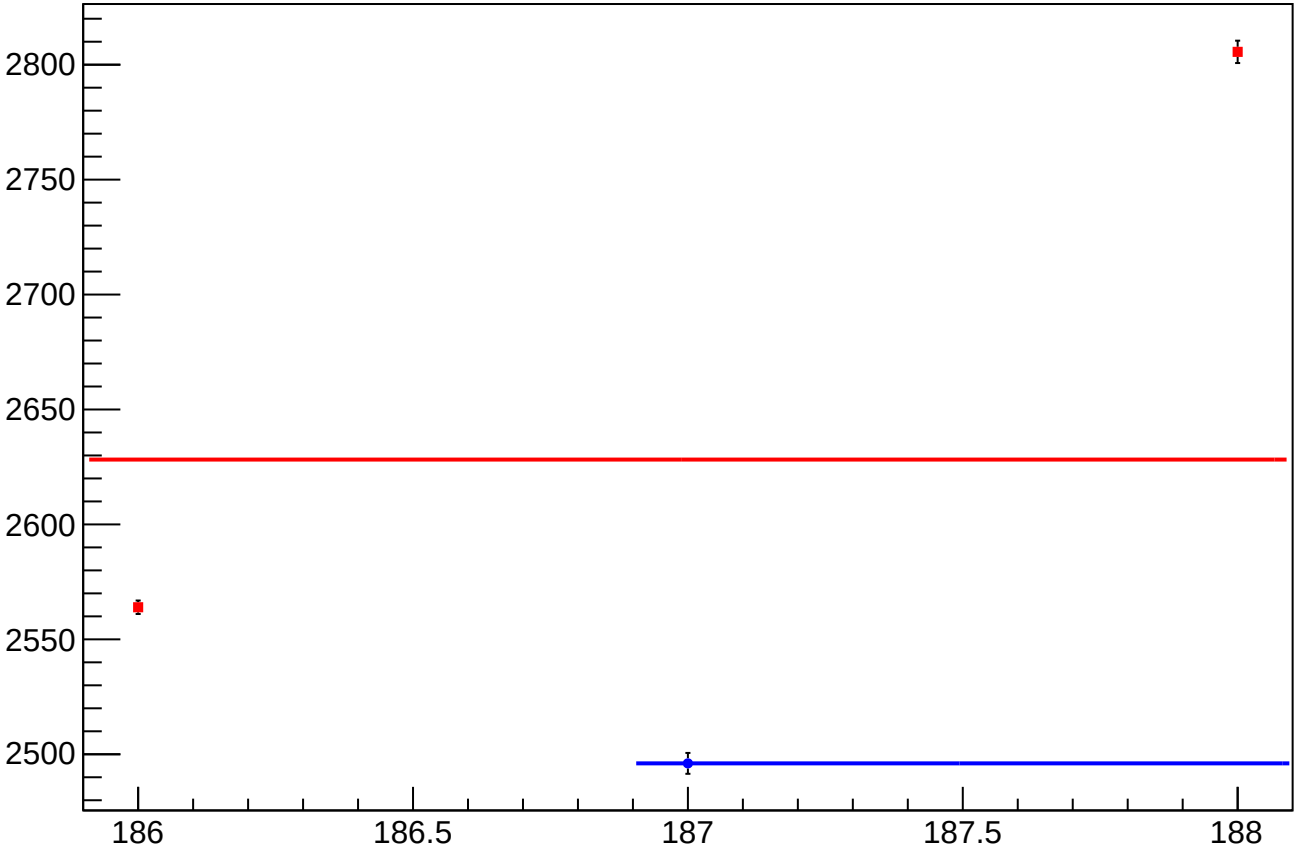
Right: -846.388+/-3105.880 χ^2/NDF: 0.2/2

In: -241.975+/-6419.239 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -846.388+/-3105.880 χ^2/NDF: 0.2/2

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2496.046+/-4.539 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2628.212+/-2.509 χ^2/NDF: 1809.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

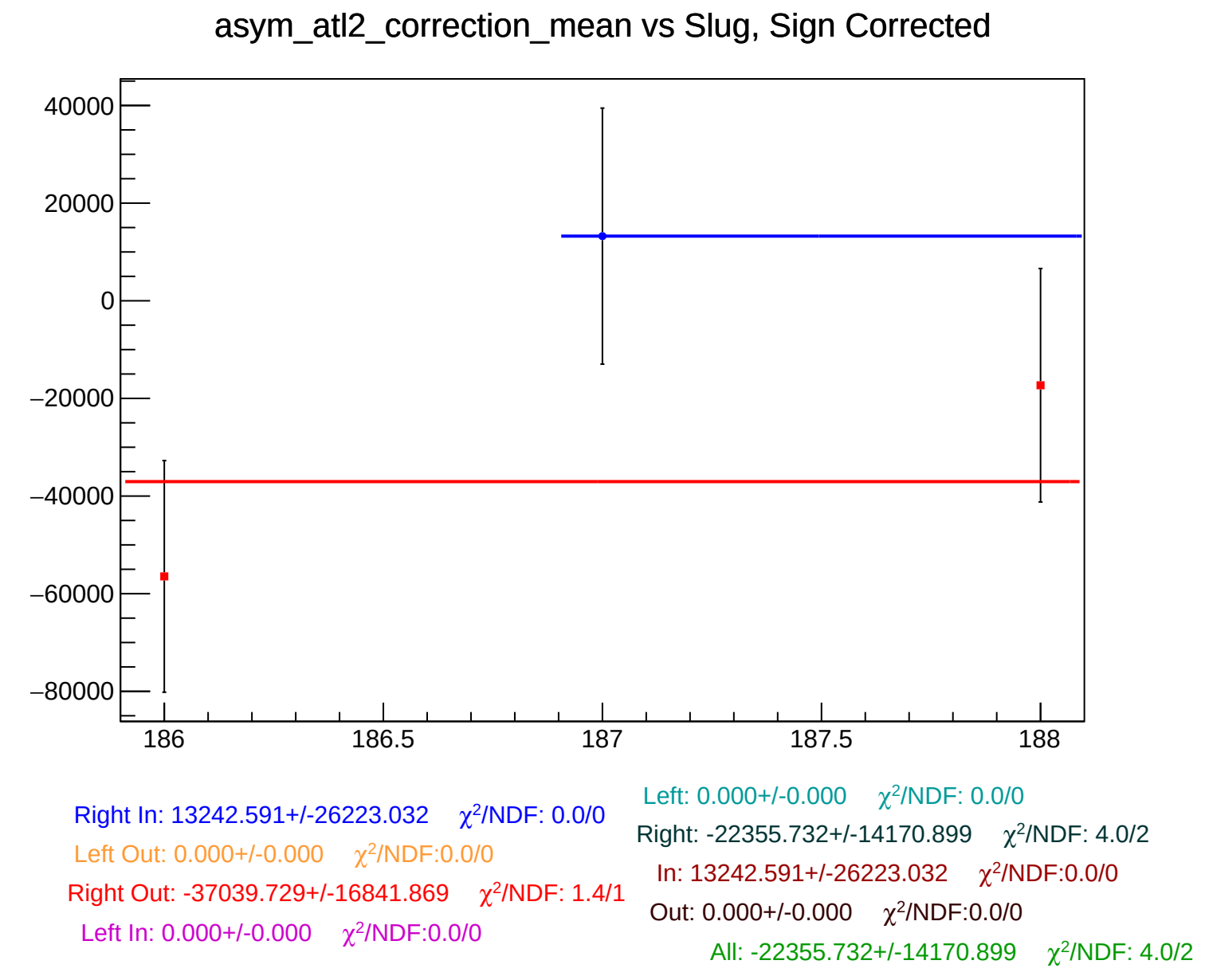
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2597.272+/-2.196 χ^2/NDF: 2459.0/2

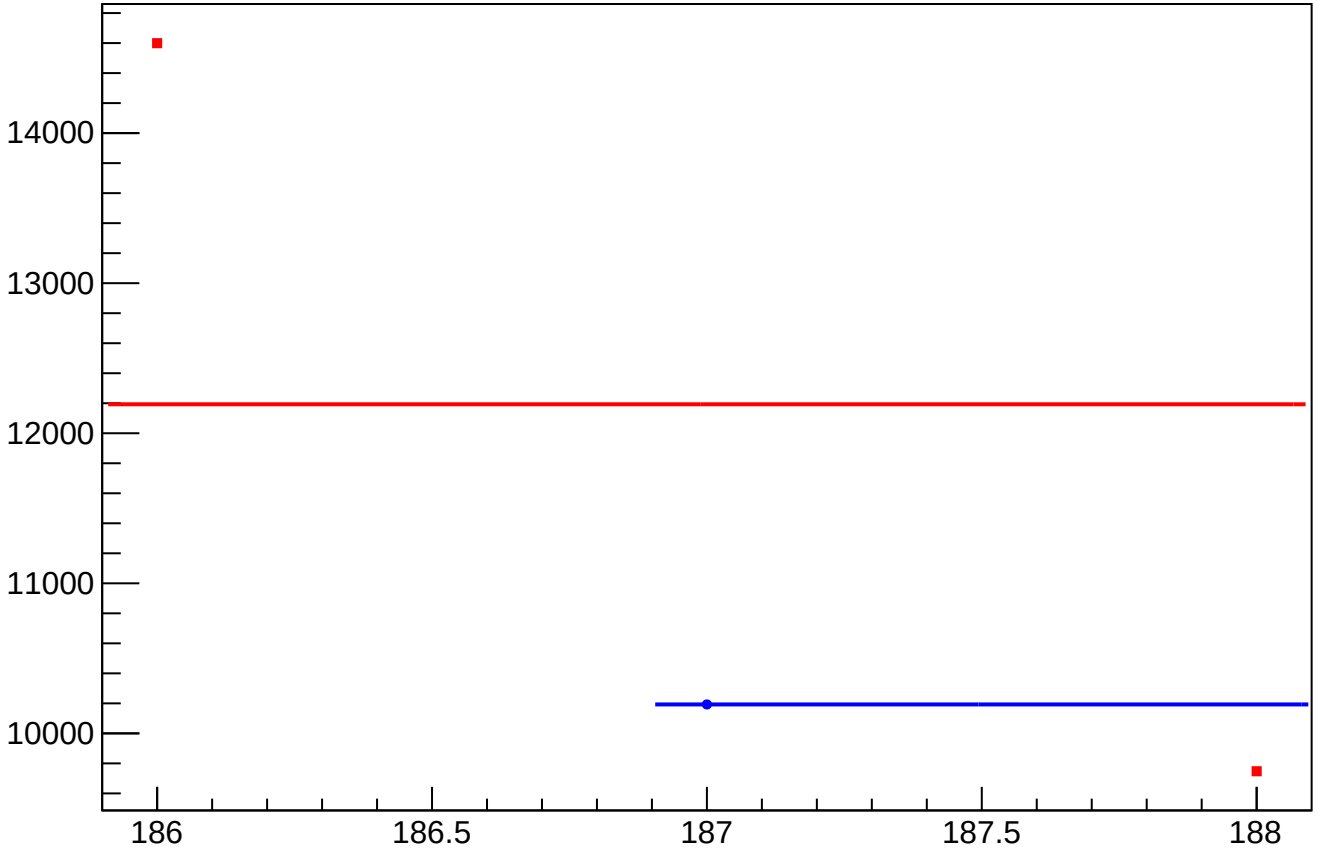
In: 2496.046+/-4.539 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2597.272+/-2.196 χ^2/NDF: 2459.0/2


asym_atl2_correction_mean vs Slug, Sign Corrected
40000
20000
0
−20000
−40000
−60000
−80000
186
186.5
187
187.5
188
Right In: 13242.591+/-26223.032 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -37039.729+/-16841.869 χ²/NDF: 1.4/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -22355.732+/-14170.899 χ²/NDF: 4.0/2
In: 13242.591+/-26223.032 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -22355.732+/-14170.899 χ²/NDF: 4.0/2

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 10192.810+/-18.542 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12192.990+/-11.909 χ^2/NDF: 41490.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

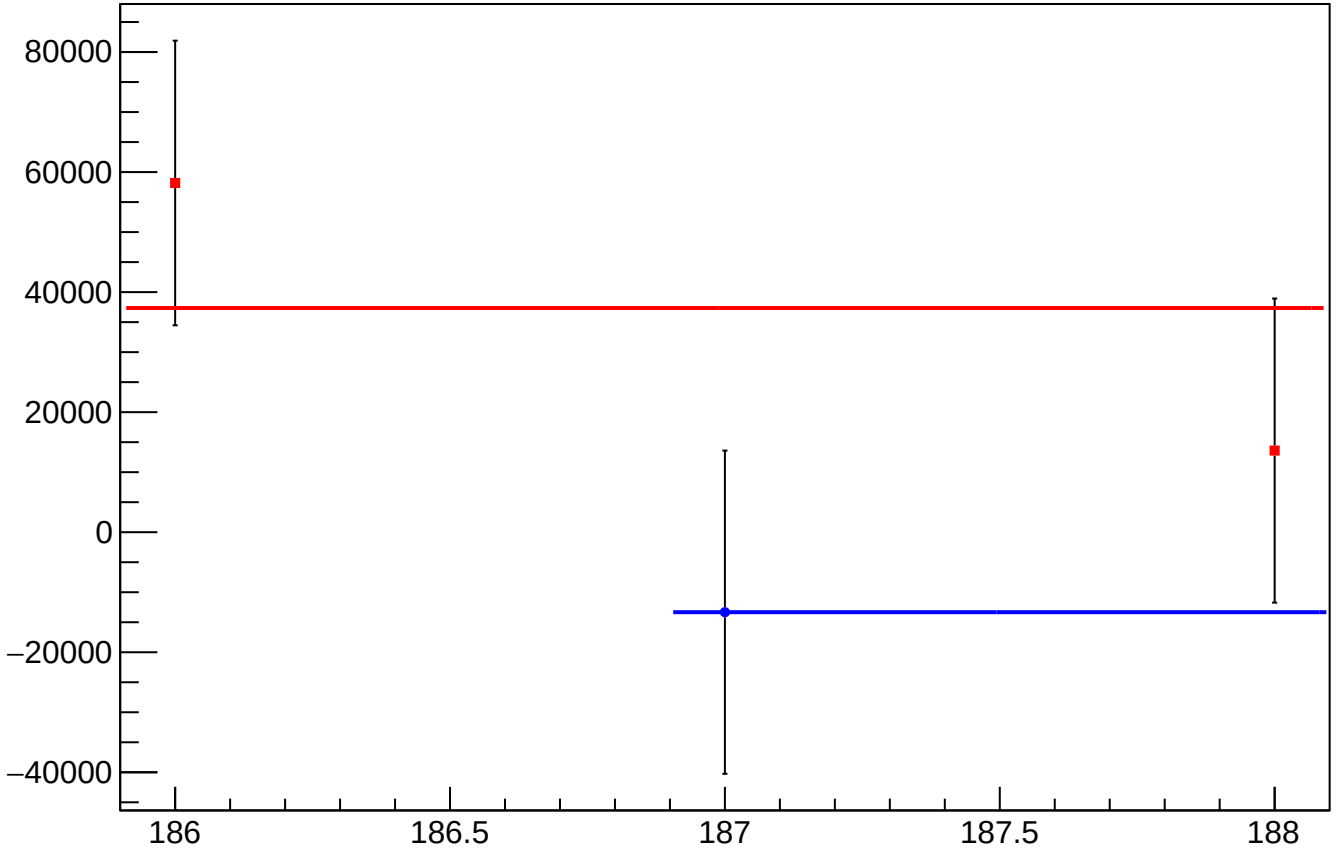
Right: 11608.876+/-10.020 χ^2/NDF: 49728.5/2

In: 10192.810+/-18.542 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11608.876+/-10.020 χ^2/NDF: 49728.5/2

asym_atl2_mean vs Slug, Sign Corrected



Right In: -13326.998+/-26924.345 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 37358.793+/-17311.764 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

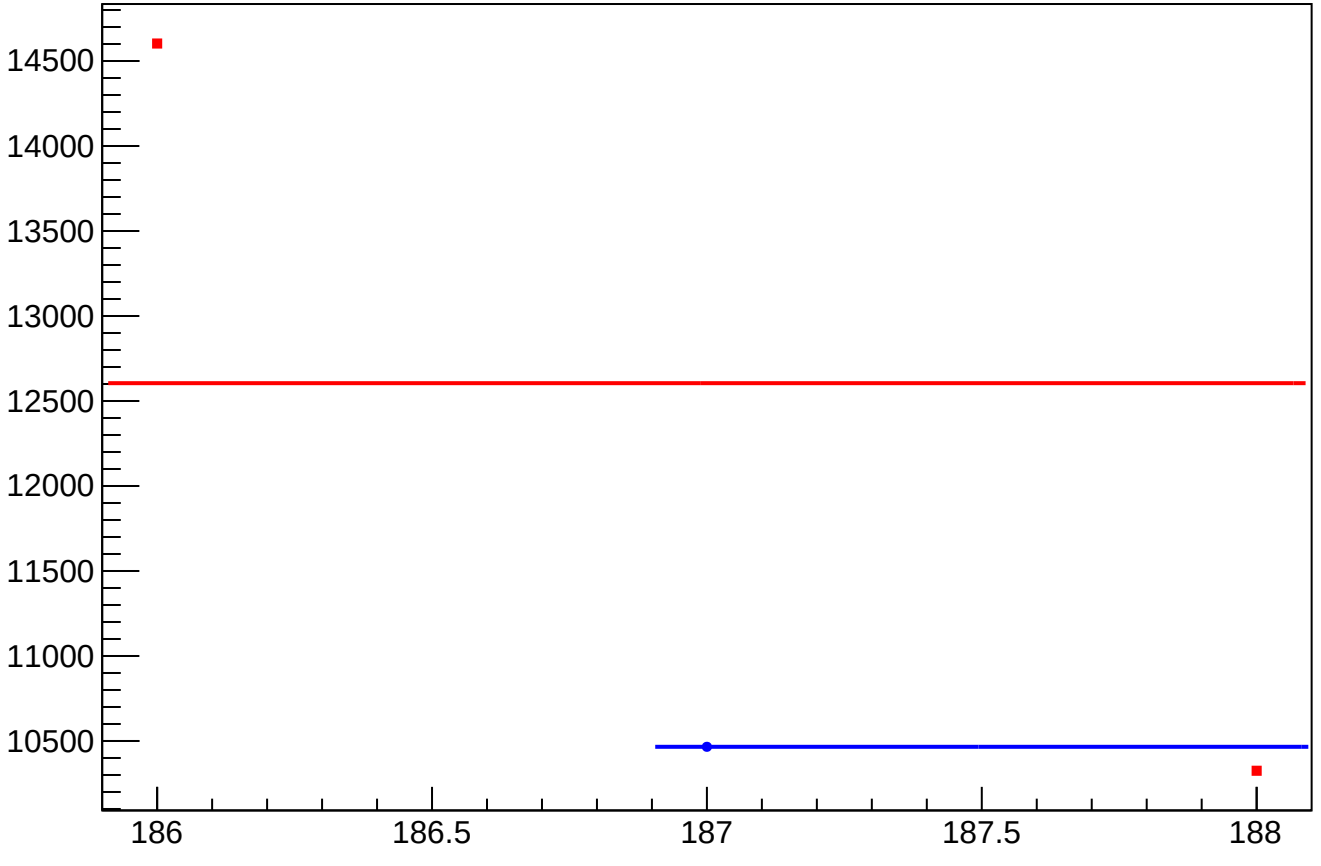
Right: 22533.370+/-14561.482 χ^2/NDF: 4.2/2

In: -13326.998+/-26924.345 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22533.370+/-14561.482 χ^2/NDF: 4.2/2

asym_atl2_rms vs Slug, Sign Corrected



Right In: 10465.779+/-19.038 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12604.827+/-12.241 χ^2/NDF: 30399.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

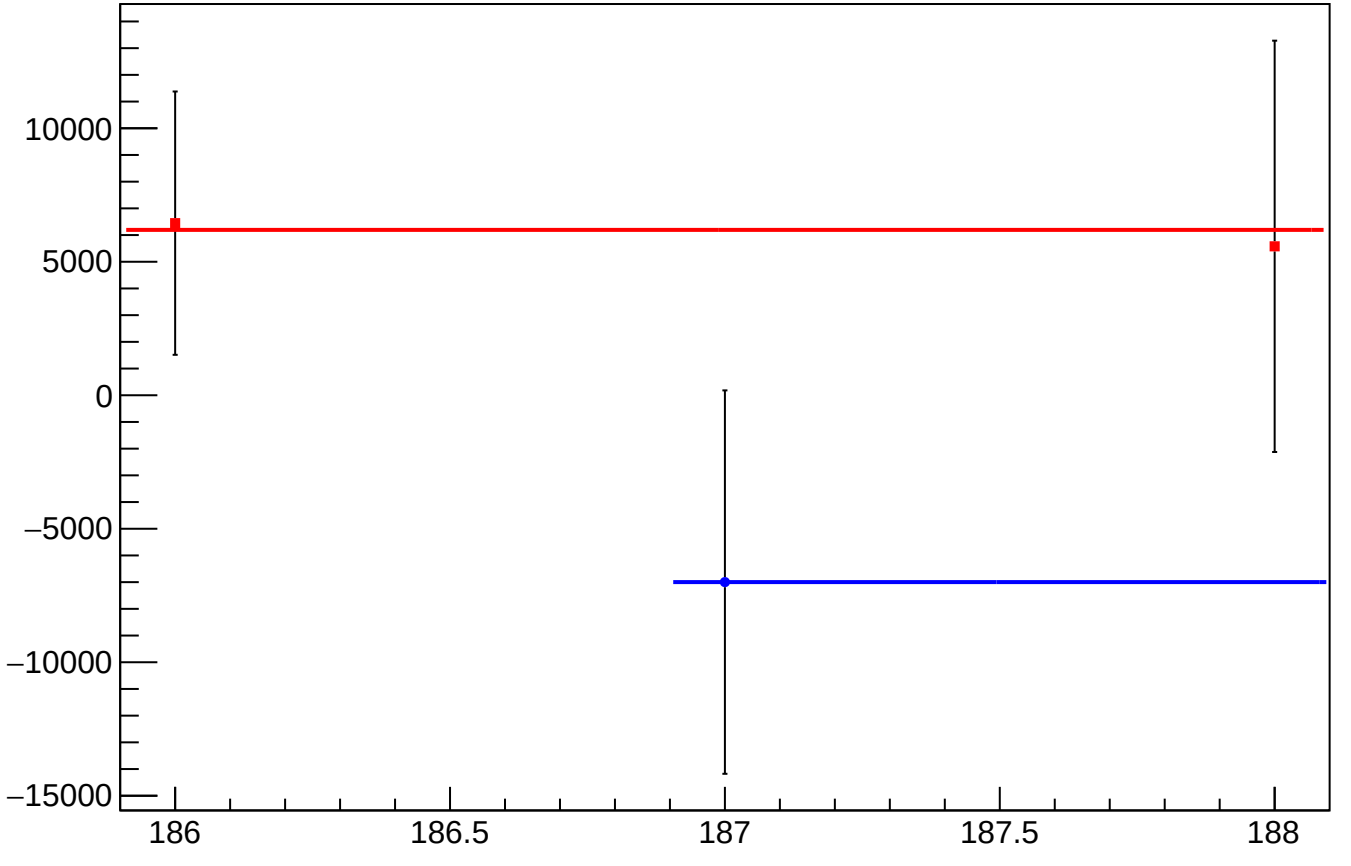
Right: 11979.162+/-10.297 χ^2/NDF: 39330.4/2

In: 10465.779+/-19.038 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11979.162+/-10.297 χ^2/NDF: 39330.4/2

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -6997.871+/-7180.237 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6193.661+/-4153.131 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

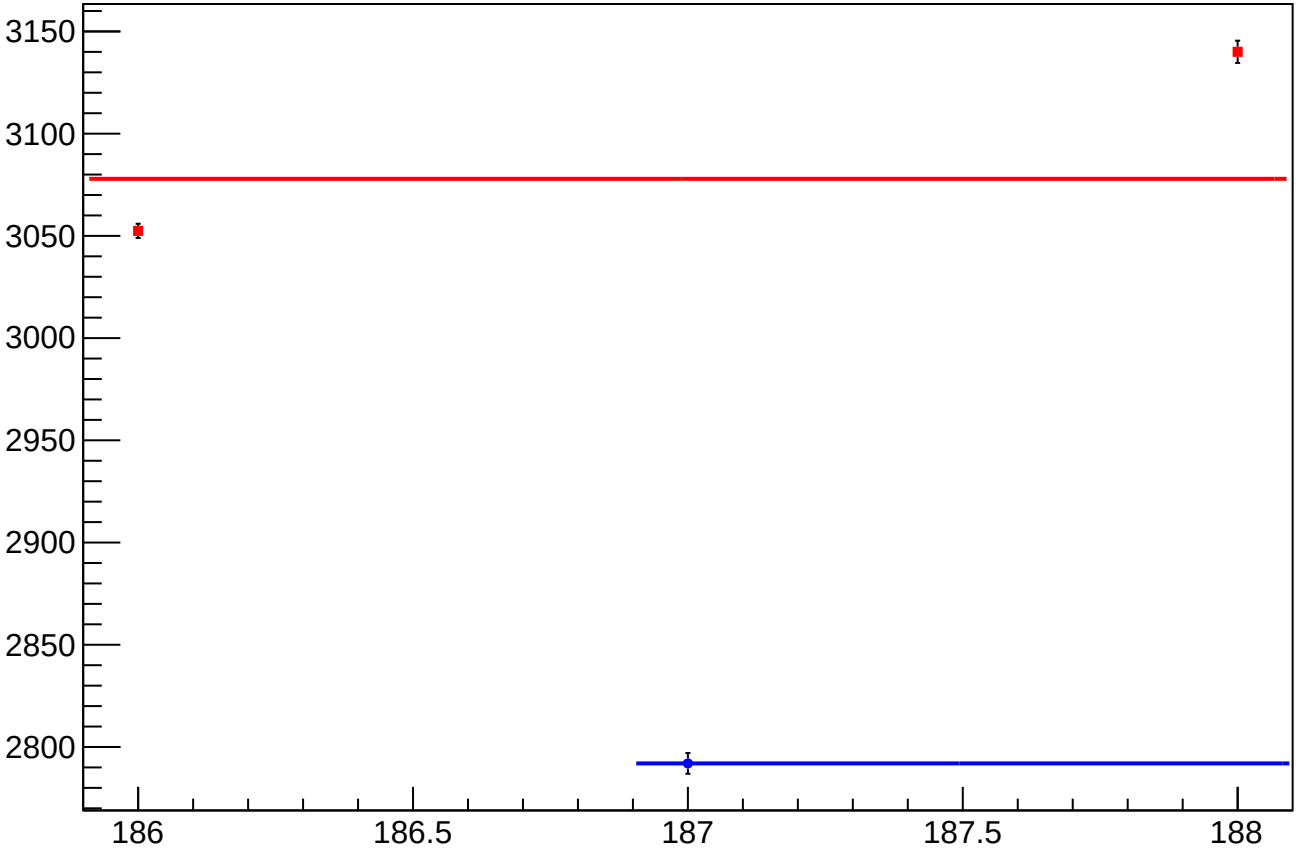
Right: 2886.686+/-3595.064 χ^2/NDF: 2.5/2

In: -6997.871+/-7180.237 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2886.686+/-3595.064 χ^2/NDF: 2.5/2

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2791.962+/-5.077 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3077.912+/-2.937 χ^2/NDF: 183.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

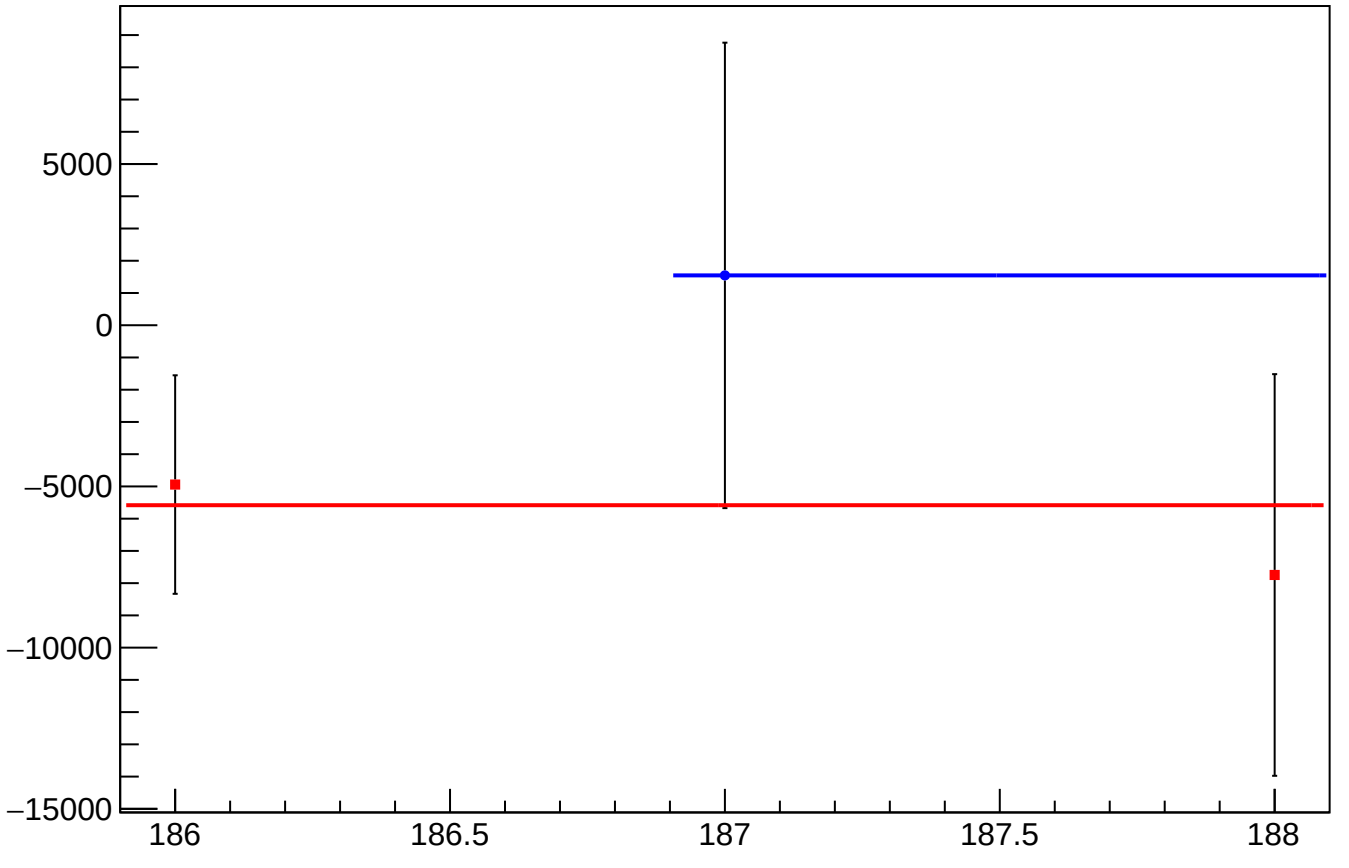
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3006.228+/-2.542 χ^2/NDF: 2560.3/2

In: 2791.962+/-5.077 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3006.228+/-2.542 χ^2/NDF: 2560.3/2



Right In: 1546.019+/-7218.248 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5582.338+/-2976.889 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

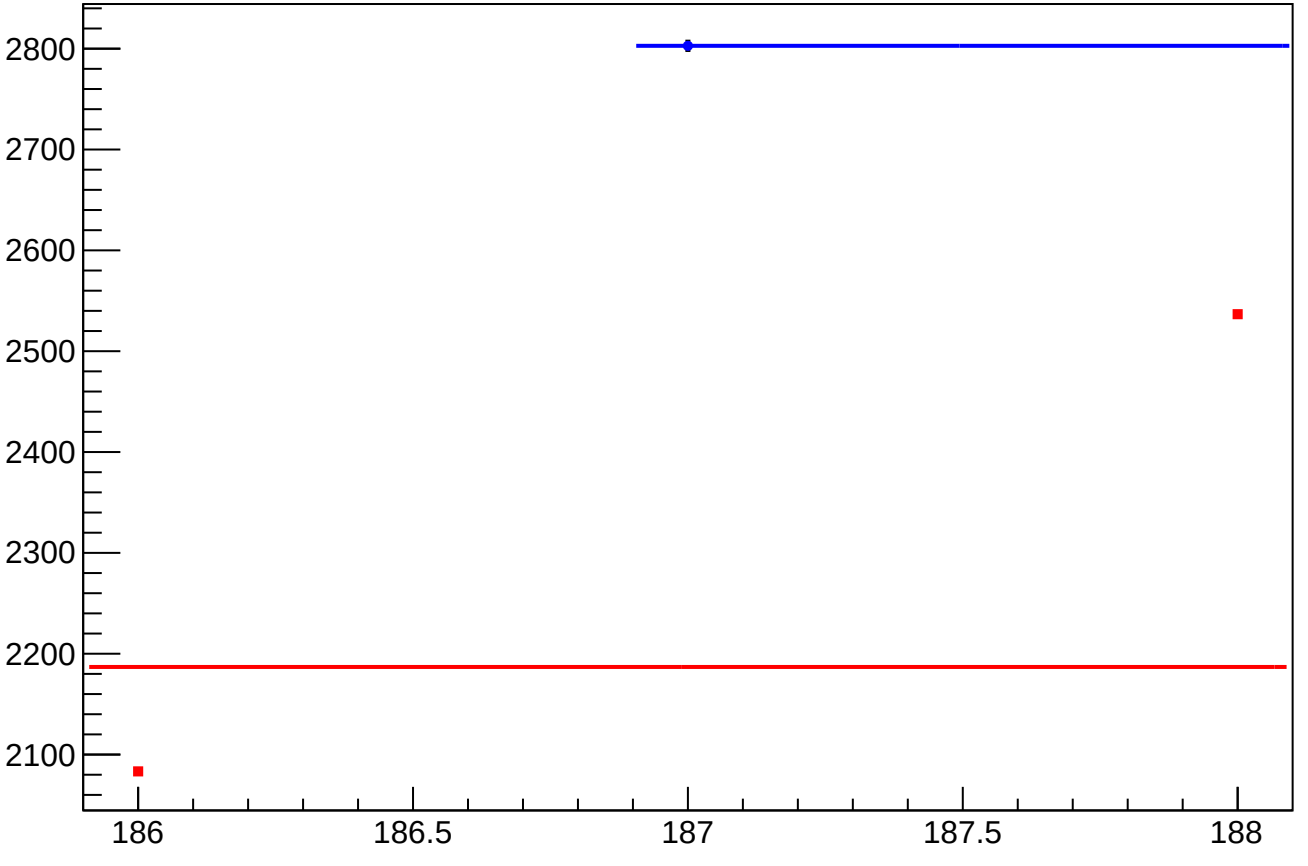
Right: -4546.161+/-2752.037 χ^2/NDF: 1.0/2

In: 1546.019+/-7218.248 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4546.161+/-2752.037 χ^2/NDF: 1.0/2

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 2802.834+/-5.104 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2186.871+/-2.105 χ^2/NDF: 8175.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

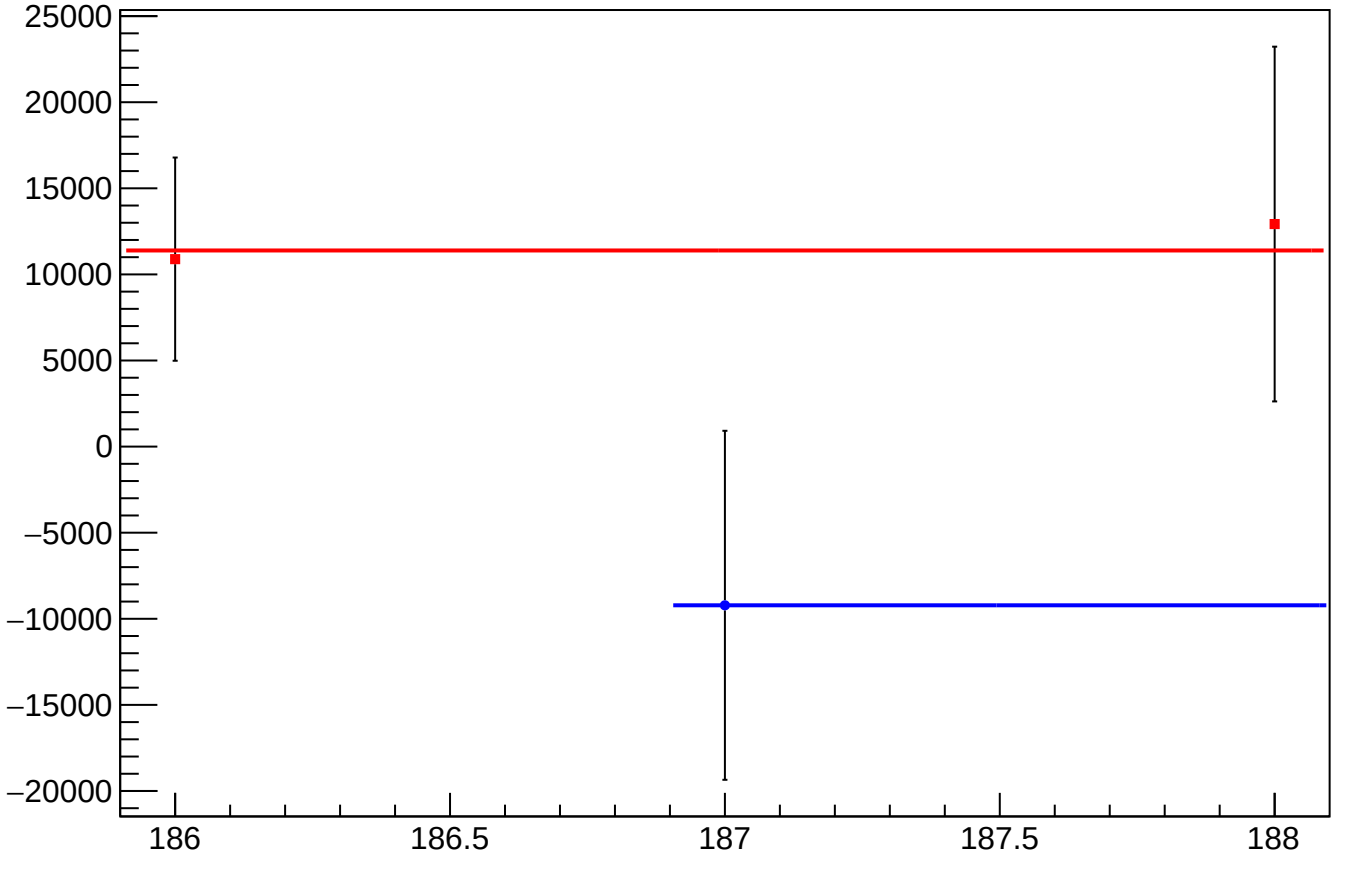
Right: 2276.407+/-1.946 χ^2/NDF: 20622.4/2

In: 2802.834+/-5.104 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2276.407+/-1.946 χ^2/NDF: 20622.4/2

asym_atr1_mean vs Slug, Sign Corrected



Right In: -9216.577+/-10134.127 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11390.174+/-5120.402 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

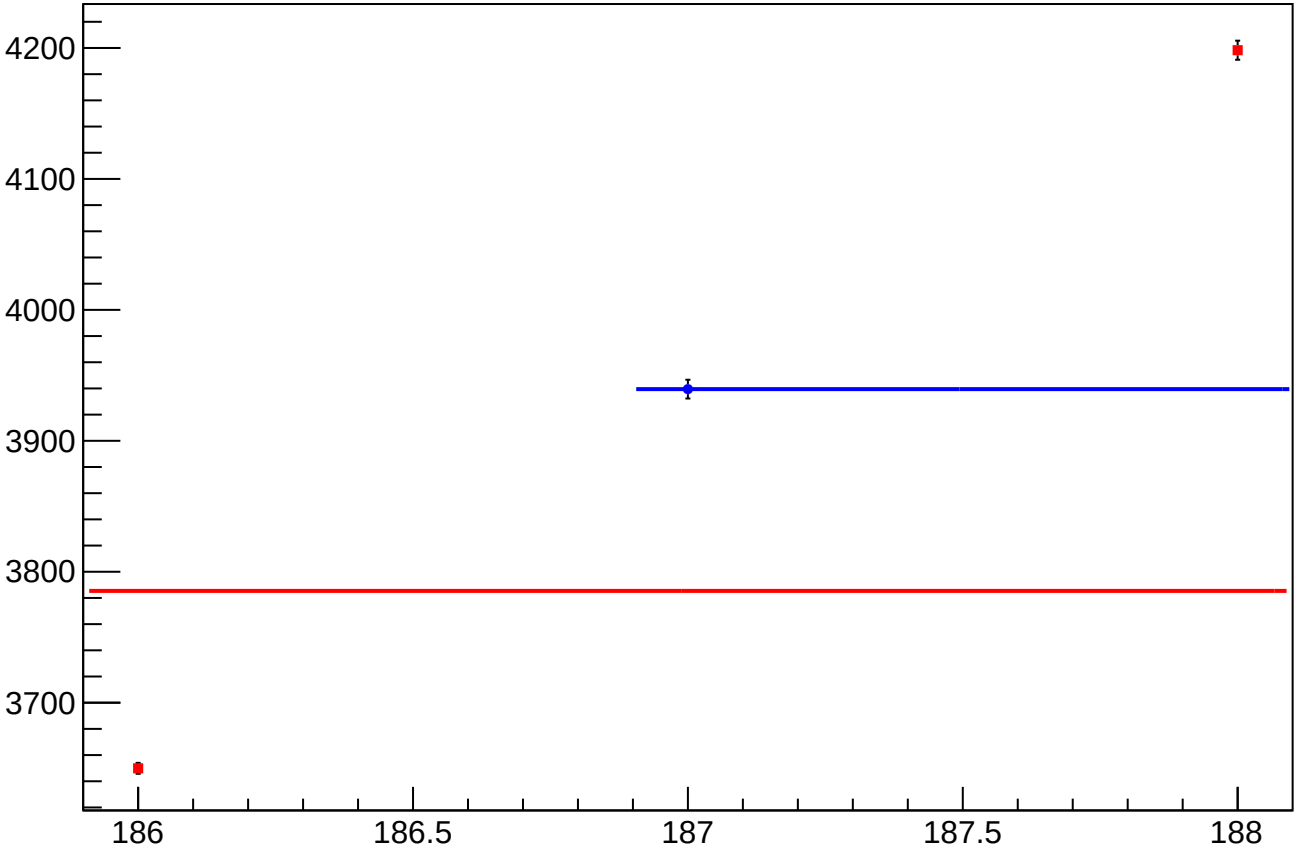
Right: 7199.339+/-4570.165 χ^2/NDF: 3.3/2

In: -9216.577+/-10134.127 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7199.339+/-4570.165 χ^2/NDF: 3.3/2

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3939.475+/-7.166 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3785.385+/-3.621 χ^2/NDF: 4268.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

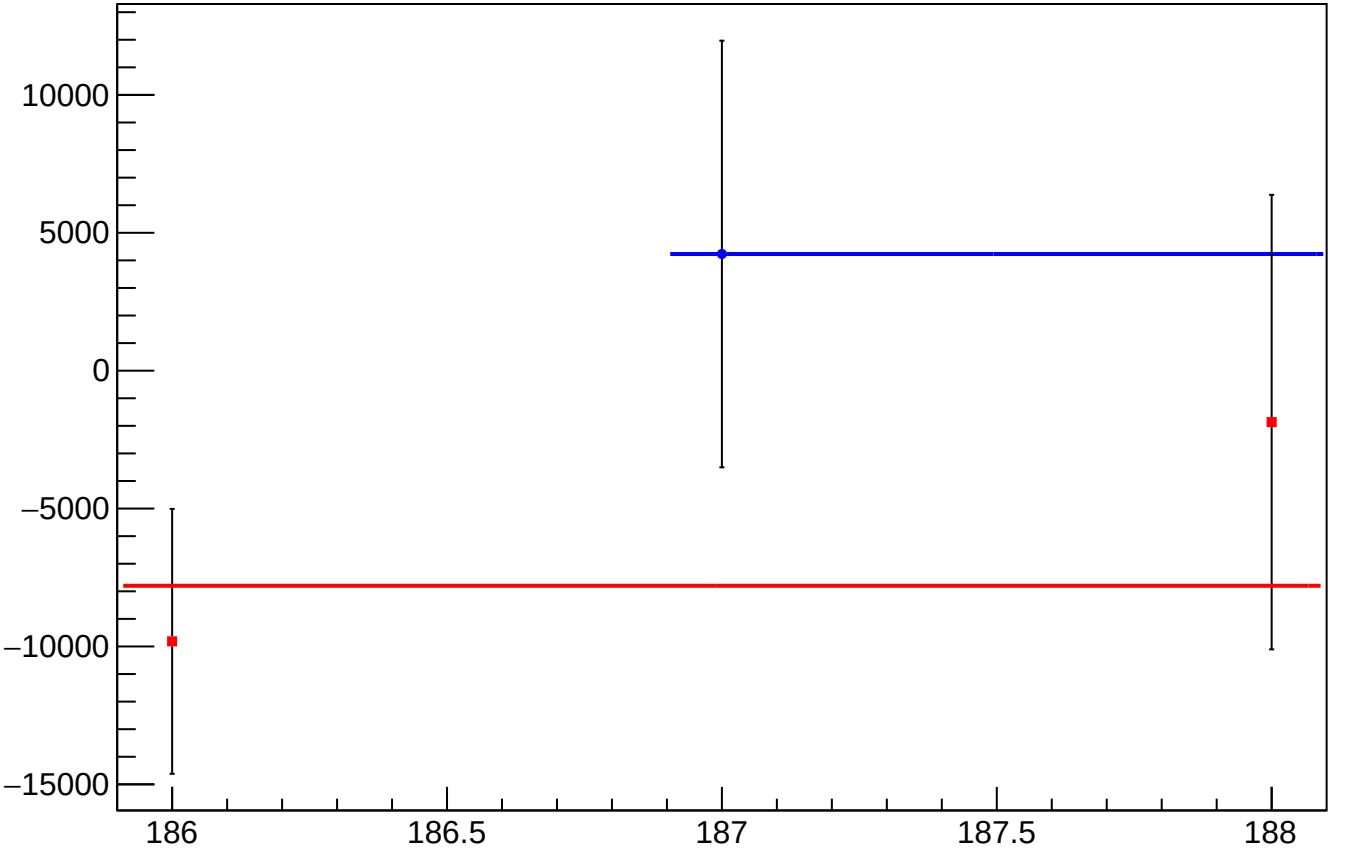
Right: 3816.722+/-3.232 χ^2/NDF: 4636.7/2

In: 3939.475+/-7.166 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3816.722+/-3.232 χ^2/NDF: 4636.7/2

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4231.412+/-7735.722 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7799.396+/-4149.516 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

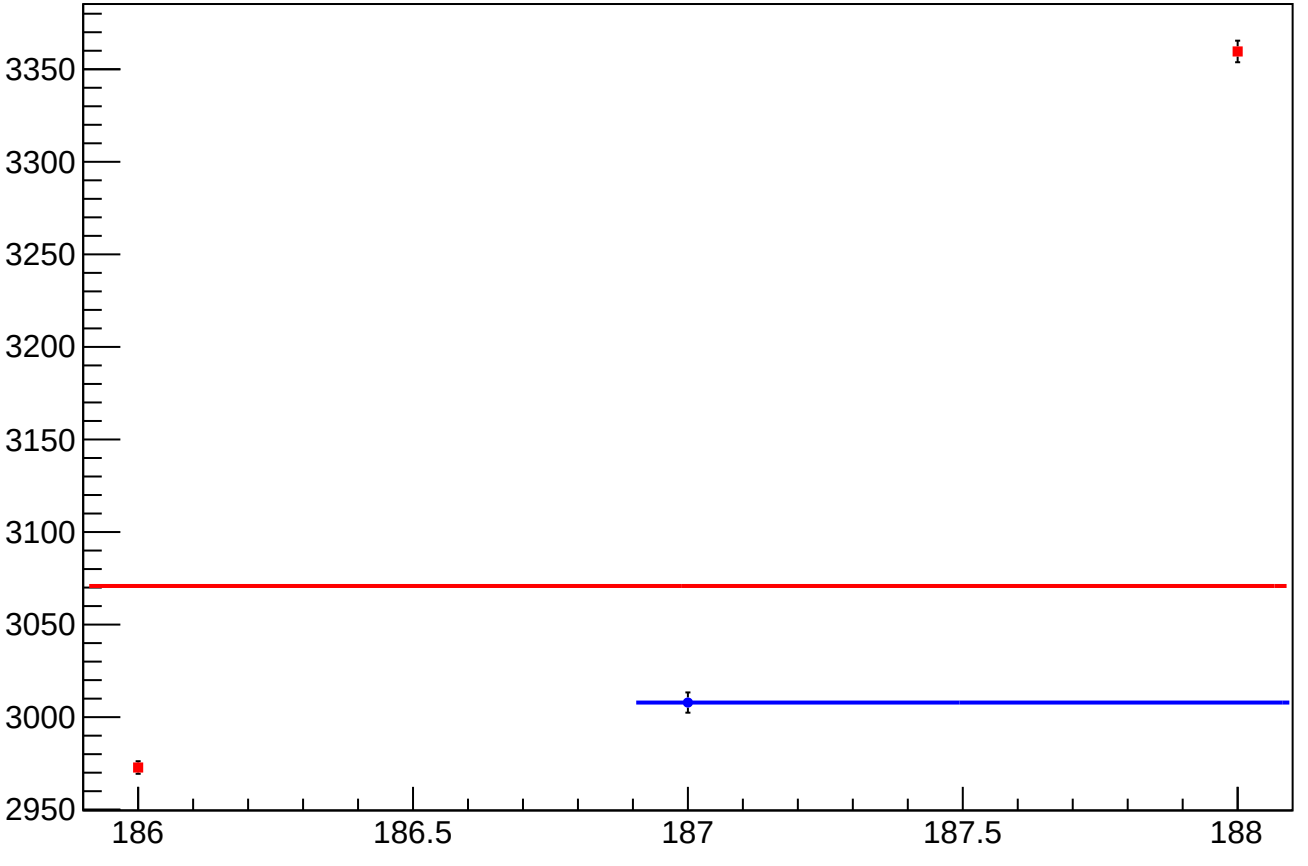
Right: -5111.198+/-3656.656 χ^2/NDF: 2.6/2

In: 4231.412+/-7735.722 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5111.198+/-3656.656 χ^2/NDF: 2.6/2

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 3007.882+/-5.470 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3070.857+/-2.934 χ^2/NDF: 3289.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

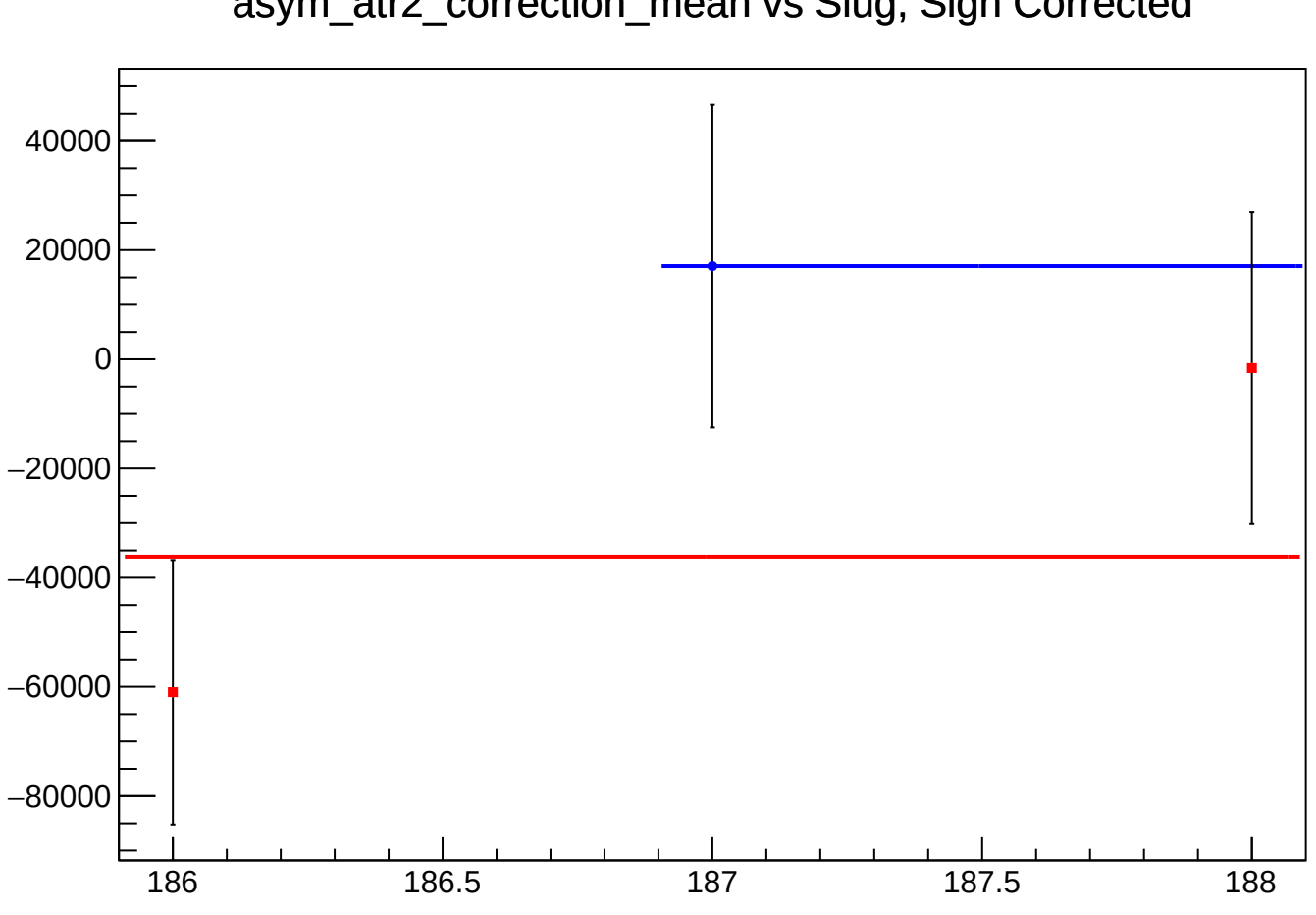
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3056.786+/-2.586 χ^2/NDF: 3392.1/2

In: 3007.882+/-5.470 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3056.786+/-2.586 χ^2/NDF: 3392.1/2



Right In: 17075.610+/-29558.967 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36143.019+/-18476.807 χ^2/NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

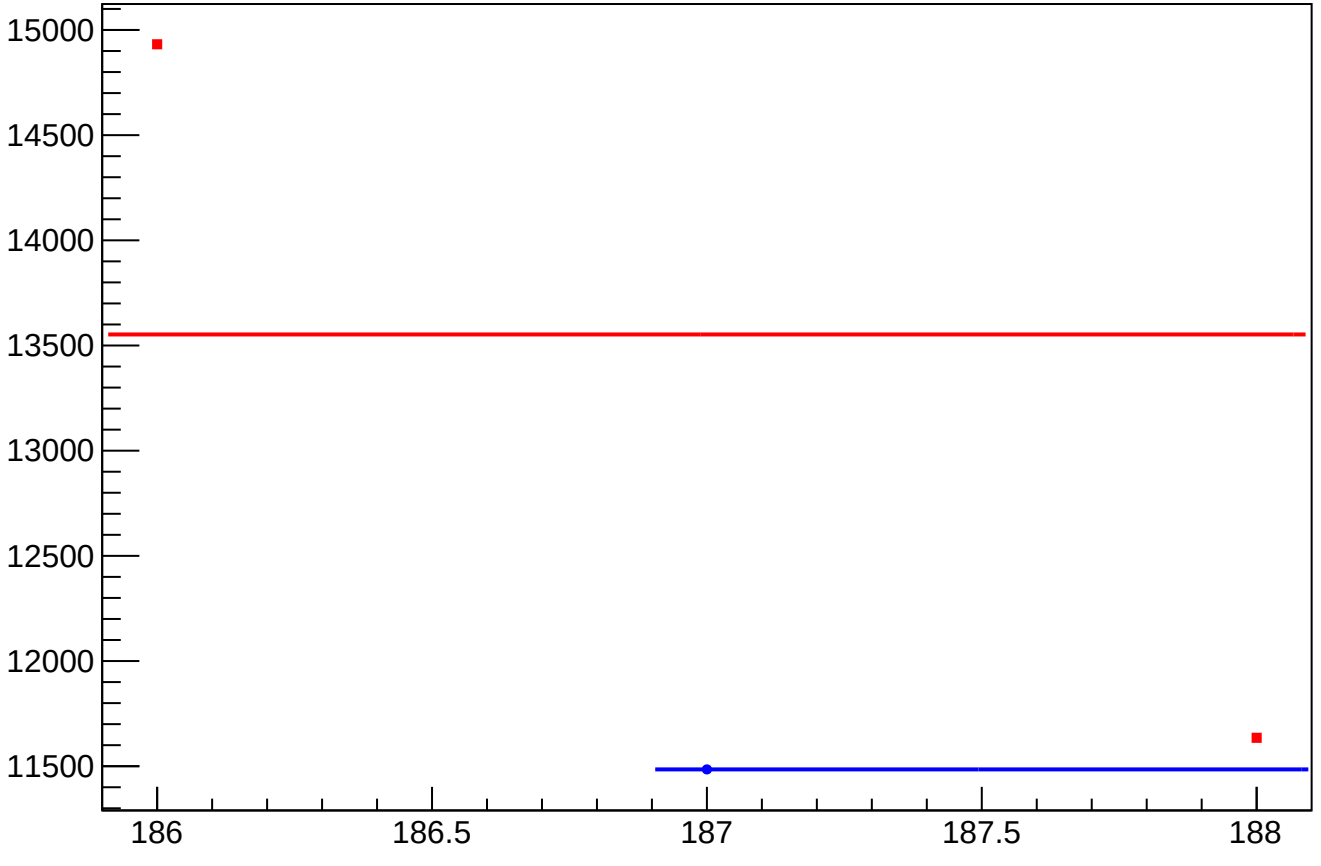
Right: -21191.113+/-15667.717 χ^2/NDF: 4.8/2

In: 17075.610+/-29558.967 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -21191.113+/-15667.717 χ^2/NDF: 4.8/2

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 11484.853+/-20.901 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13552.505+/-13.065 χ^2/NDF: 15496.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

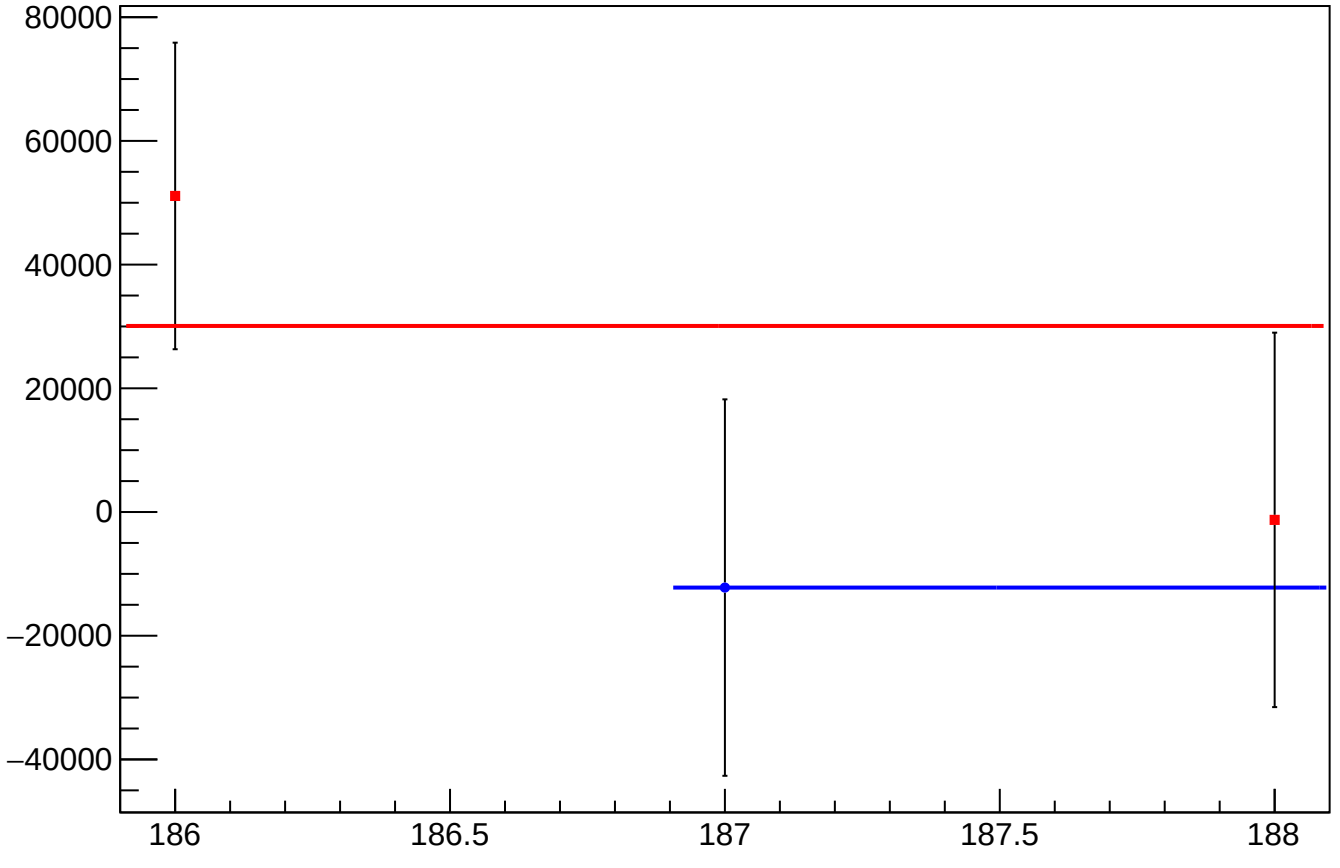
Right: 12971.593+/-11.079 χ^2/NDF: 22532.9/2

In: 11484.853+/-20.901 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 12971.593+/-11.079 χ^2/NDF: 22532.9/2

asym_atr2_mean vs Slug, Sign Corrected



Right In: -12215.916+/-30430.595 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30082.183+/-19175.075 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

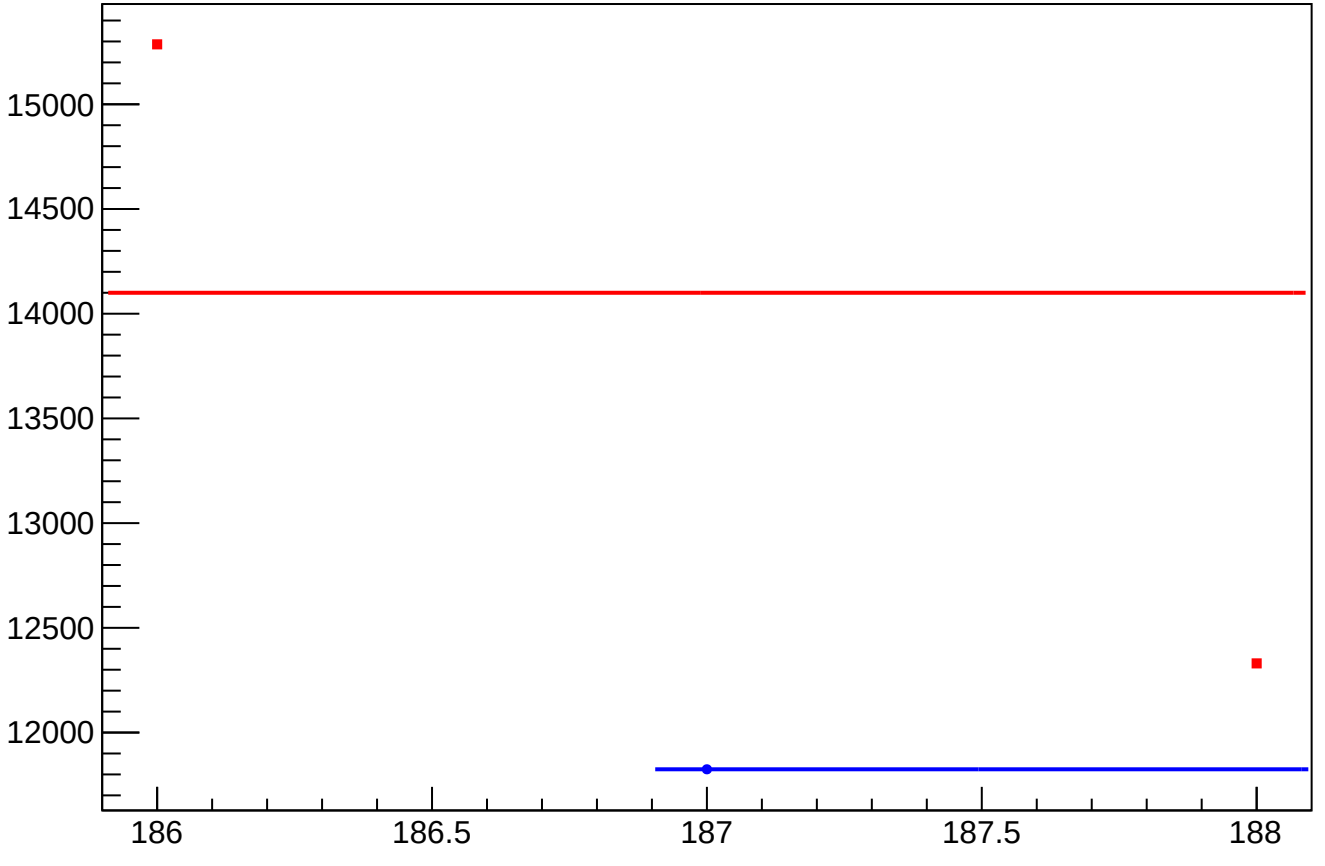
Right: 18060.650+/-16222.954 χ^2/NDF: 3.2/2

In: -12215.916+/-30430.595 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18060.650+/-16222.954 χ^2/NDF: 3.2/2

asym_atr2_rms vs Slug, Sign Corrected



Right In: 11824.528+/-21.518 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14099.989+/-13.559 χ^2/NDF: 11419.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

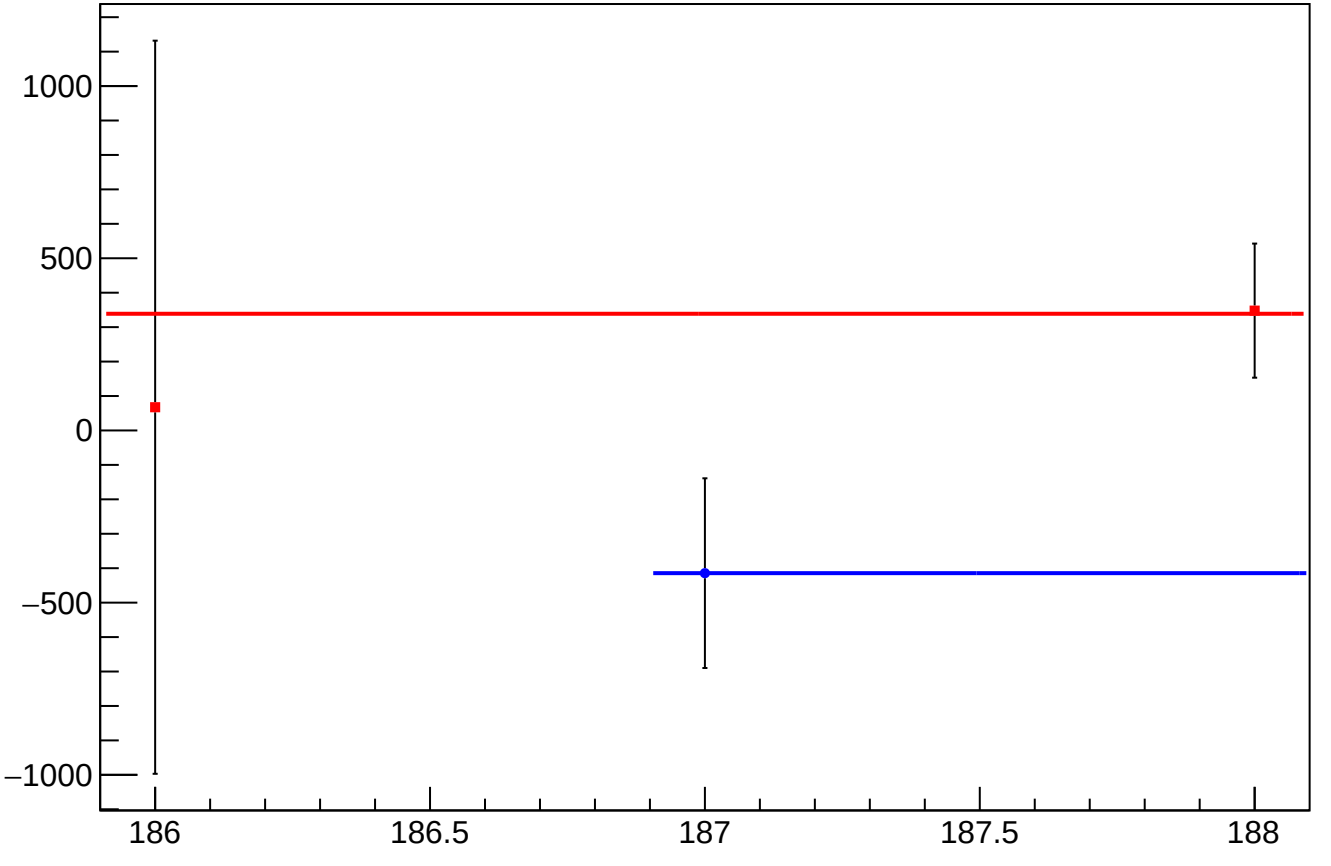
Right: 13453.281+/-11.471 χ^2/NDF: 19424.3/2

In: 11824.528+/-21.518 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13453.281+/-11.471 χ^2/NDF: 19424.3/2

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: -414.357+/-275.421 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 338.833+/-191.521 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

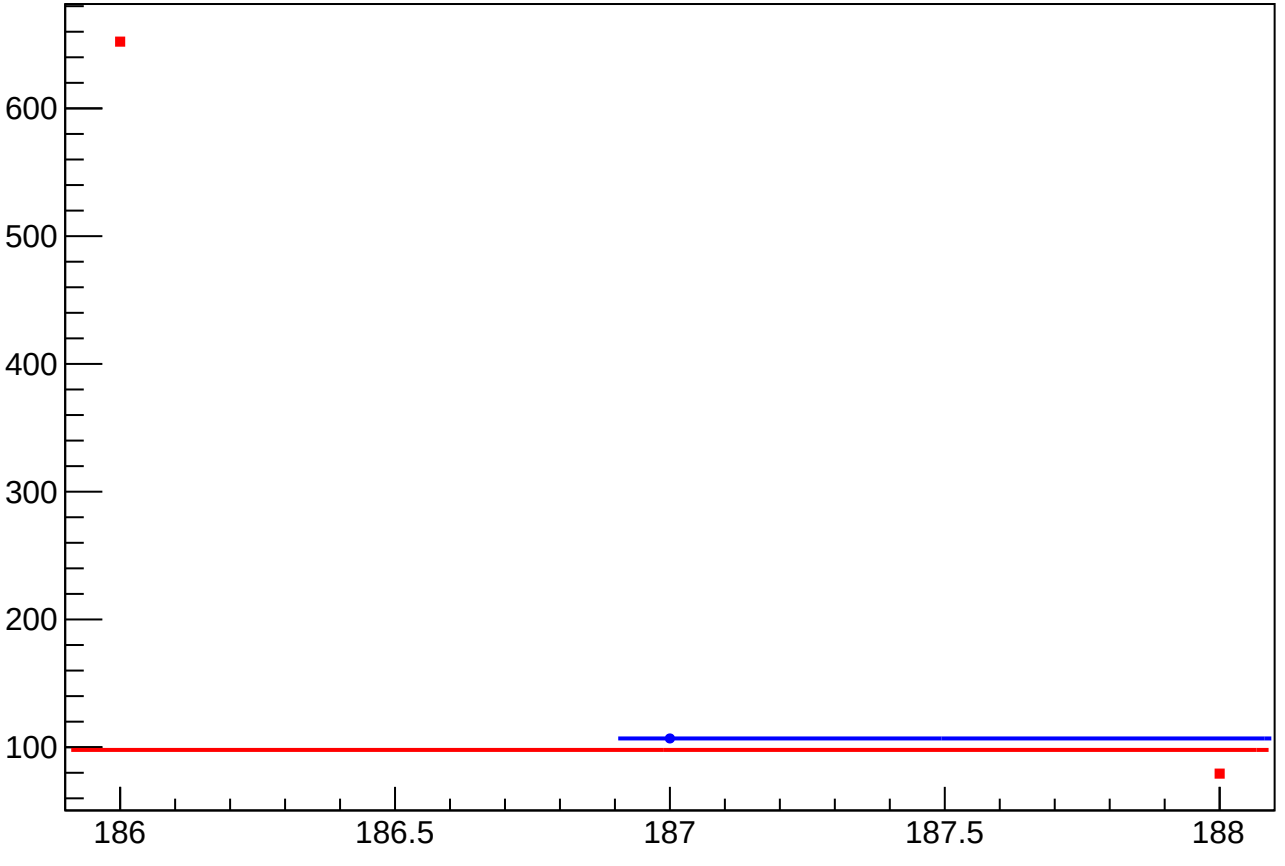
Right: 93.338+/-157.241 χ^2/NDF: 5.1/2

In: -414.357+/-275.421 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 93.338+/-157.241 χ^2/NDF: 5.1/2

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 106.869+/-0.195 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 97.889+/-0.135 χ^2/NDF: 560657.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

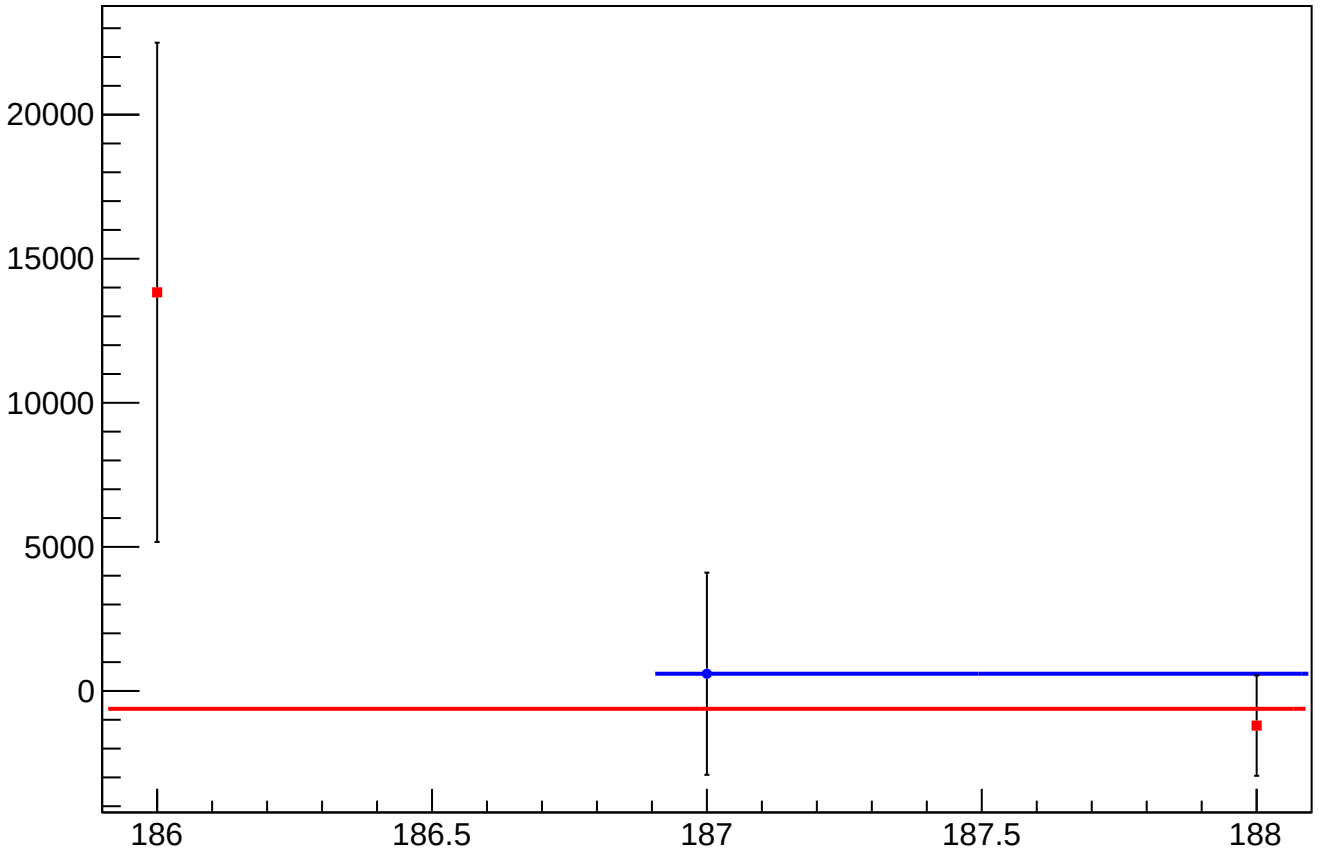
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 100.816+/-0.111 χ^2/NDF: 562090.2/2

In: 106.869+/-0.195 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 100.816+/-0.111 χ^2/NDF: 562090.2/2



Right In: 598.048+/-3508.673 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -619.077+/-1707.029 χ^2/NDF: 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

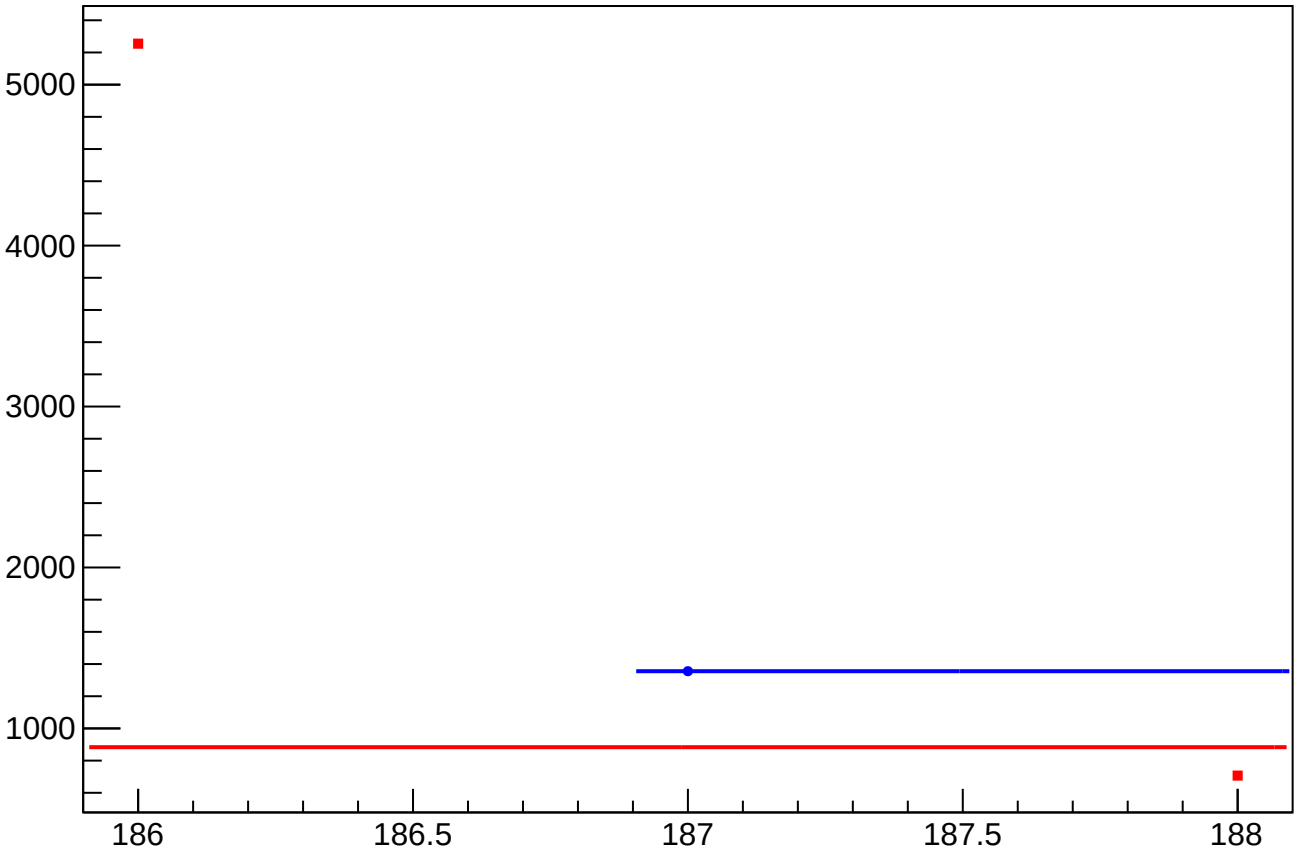
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -386.124+/-1535.002 χ^2/NDF: 3.0/2

In: 598.048+/-3508.673 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -386.124+/-1535.002 χ^2/NDF: 3.0/2



Right In: 1355.507+/-2.481 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 883.444+/-1.207 χ^2/NDF: 529753.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

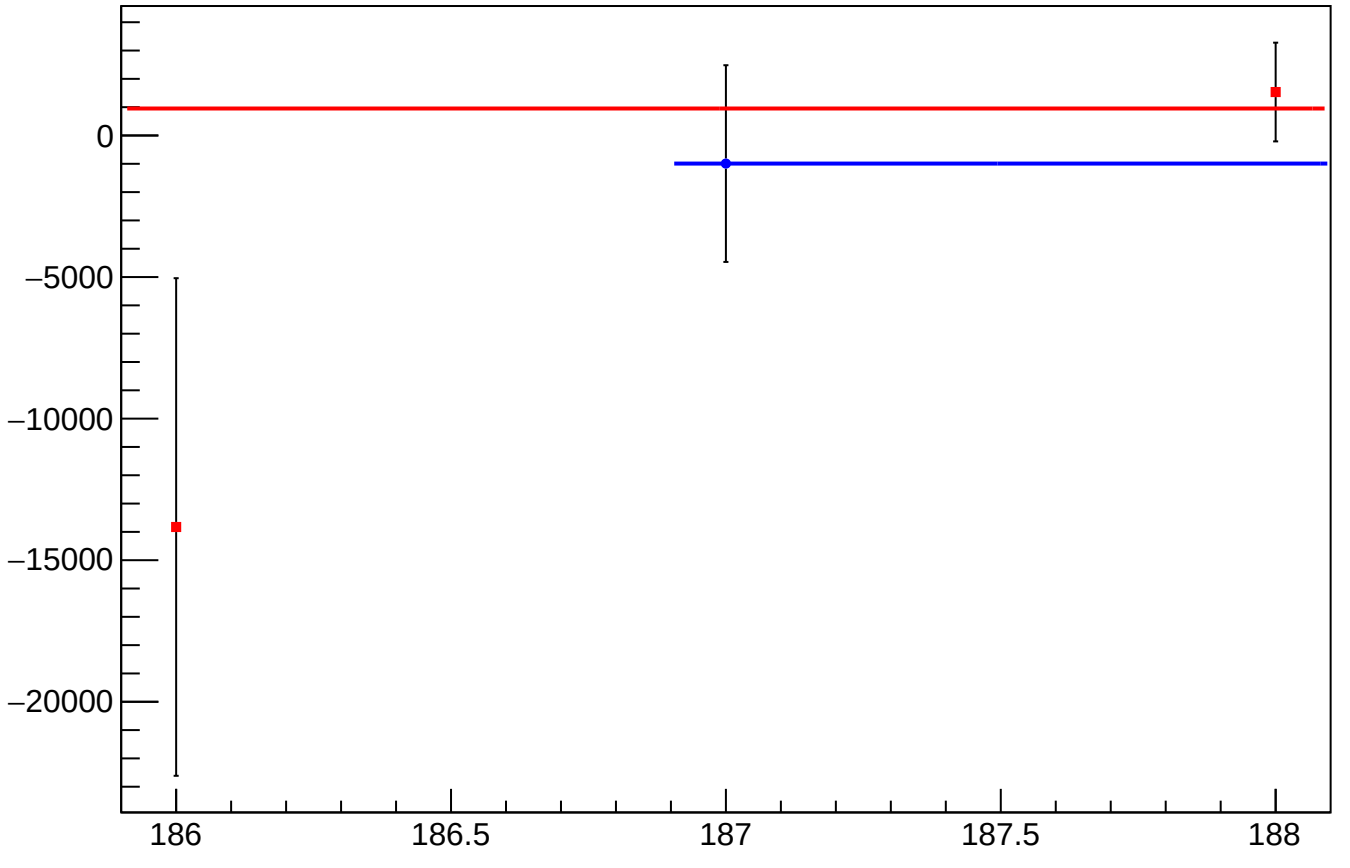
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 973.795+/-1.085 χ^2/NDF: 559027.2/2

In: 1355.507+/-2.481 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 973.795+/-1.085 χ^2/NDF: 559027.2/2



Right In: -992.145+/-3473.687 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 952.820+/-1710.054 χ^2/NDF: 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

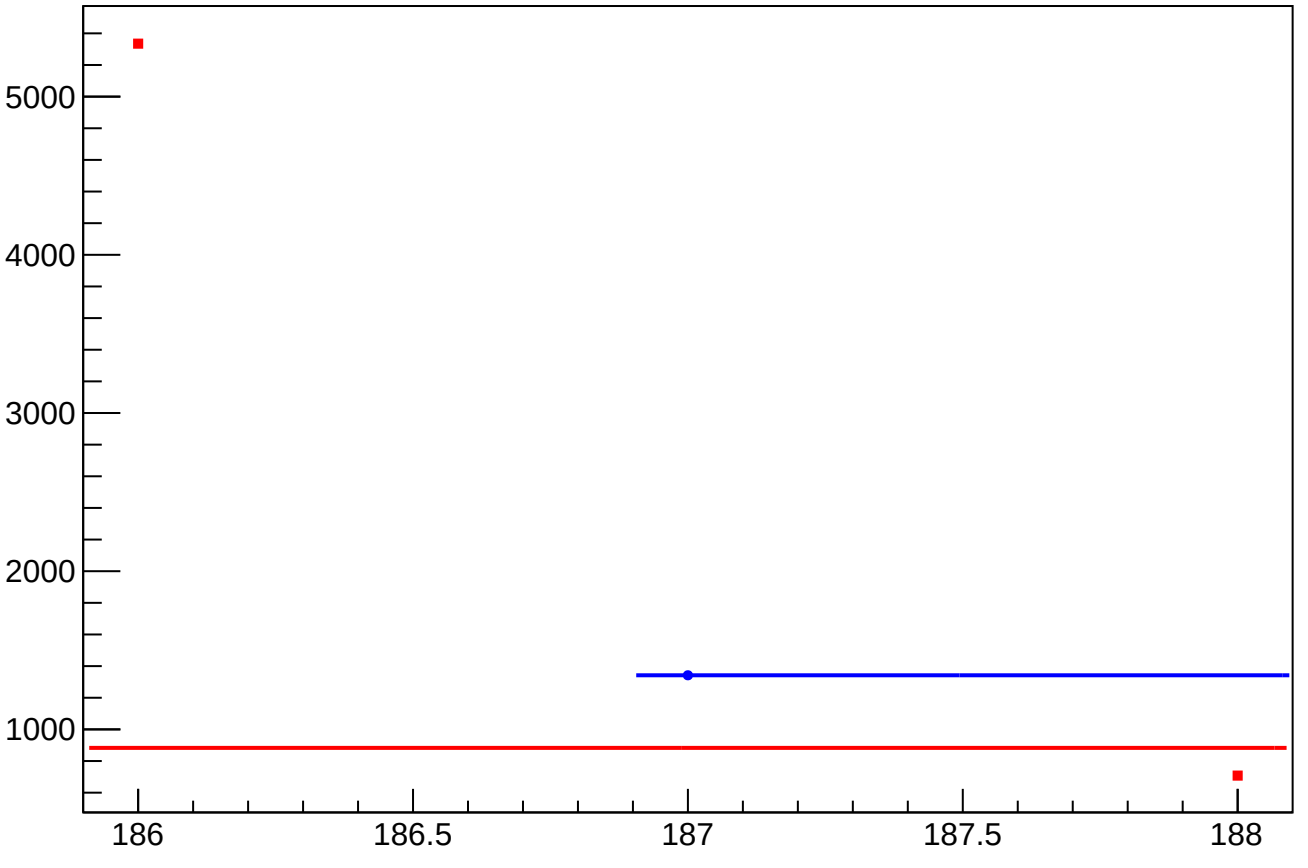
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 573.412+/-1534.222 χ^2/NDF: 3.2/2

In: -992.145+/-3473.687 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 573.412+/-1534.222 χ^2/NDF: 3.2/2



Right In: 1342.035+/-2.456 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 883.102+/-1.209 χ^2/NDF: 533535.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

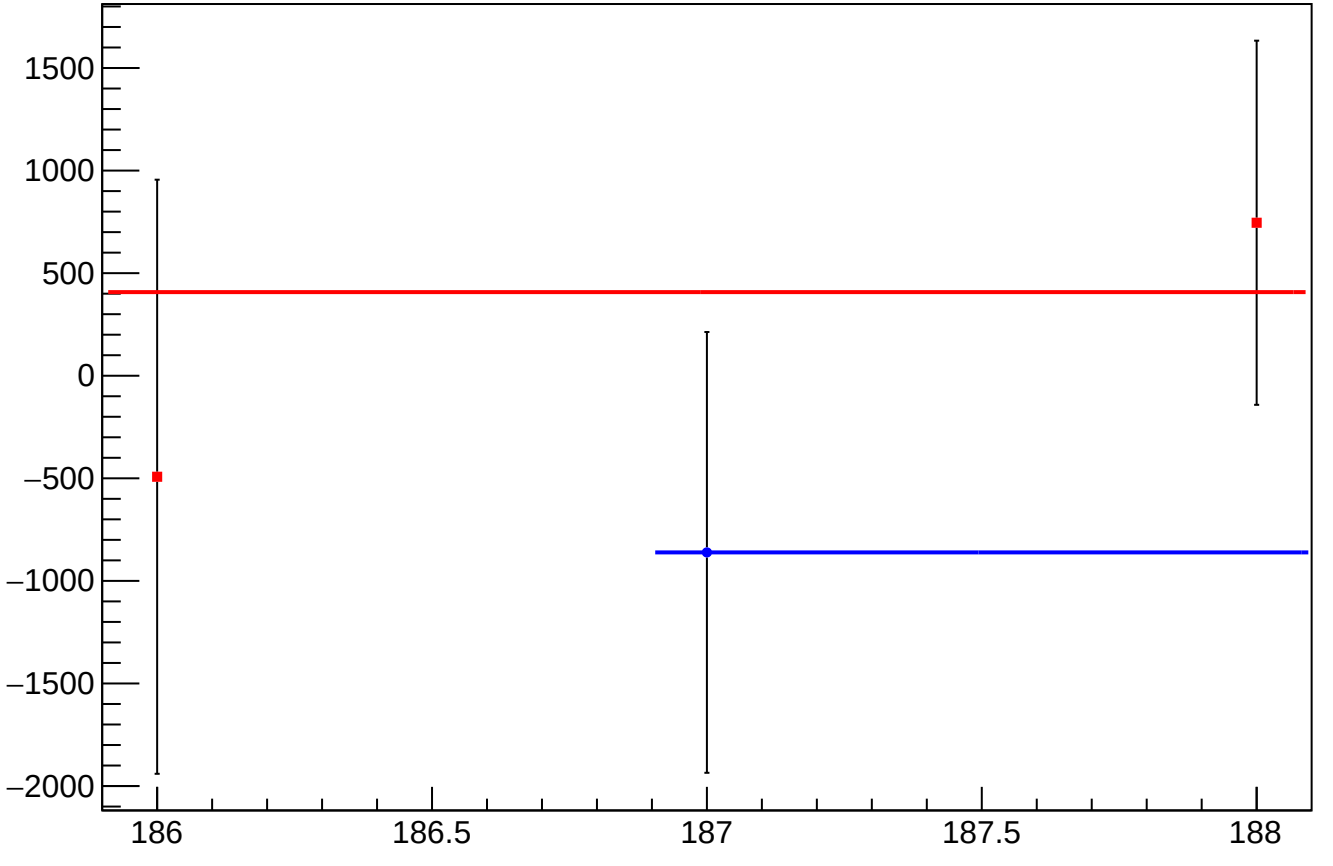
Right: 972.627+/-1.085 χ^2/NDF: 561635.4/2

In: 1342.035+/-2.456 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 972.627+/-1.085 χ^2/NDF: 561635.4/2

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: -861.128+/-1074.327 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 407.627+/-756.684 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

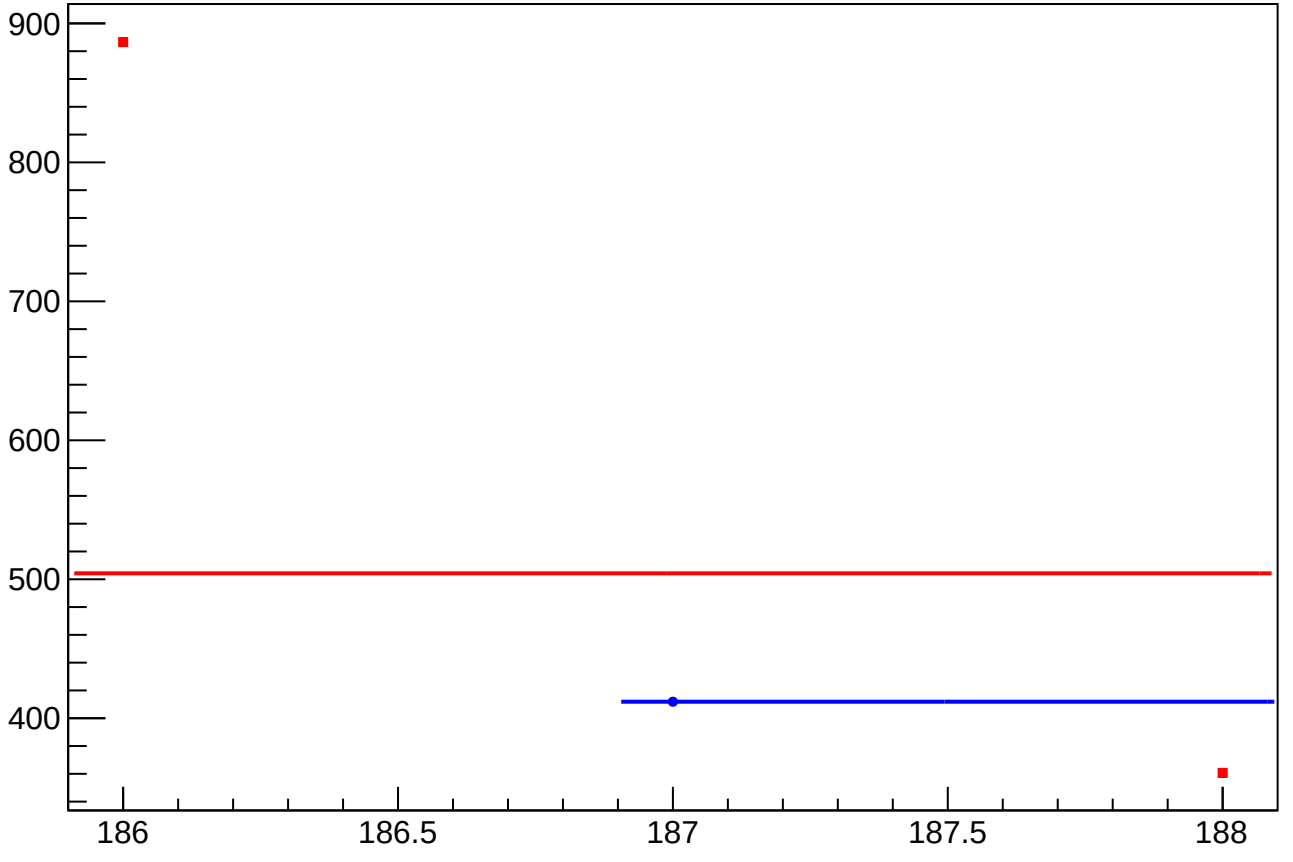
Right: -13.078+/-618.638 χ^2/NDF: 1.5/2

In: -861.128+/-1074.327 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13.078+/-618.638 χ^2/NDF: 1.5/2

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 411.889+/-0.760 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 504.268+/-0.535 χ^2/NDF: 191785.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

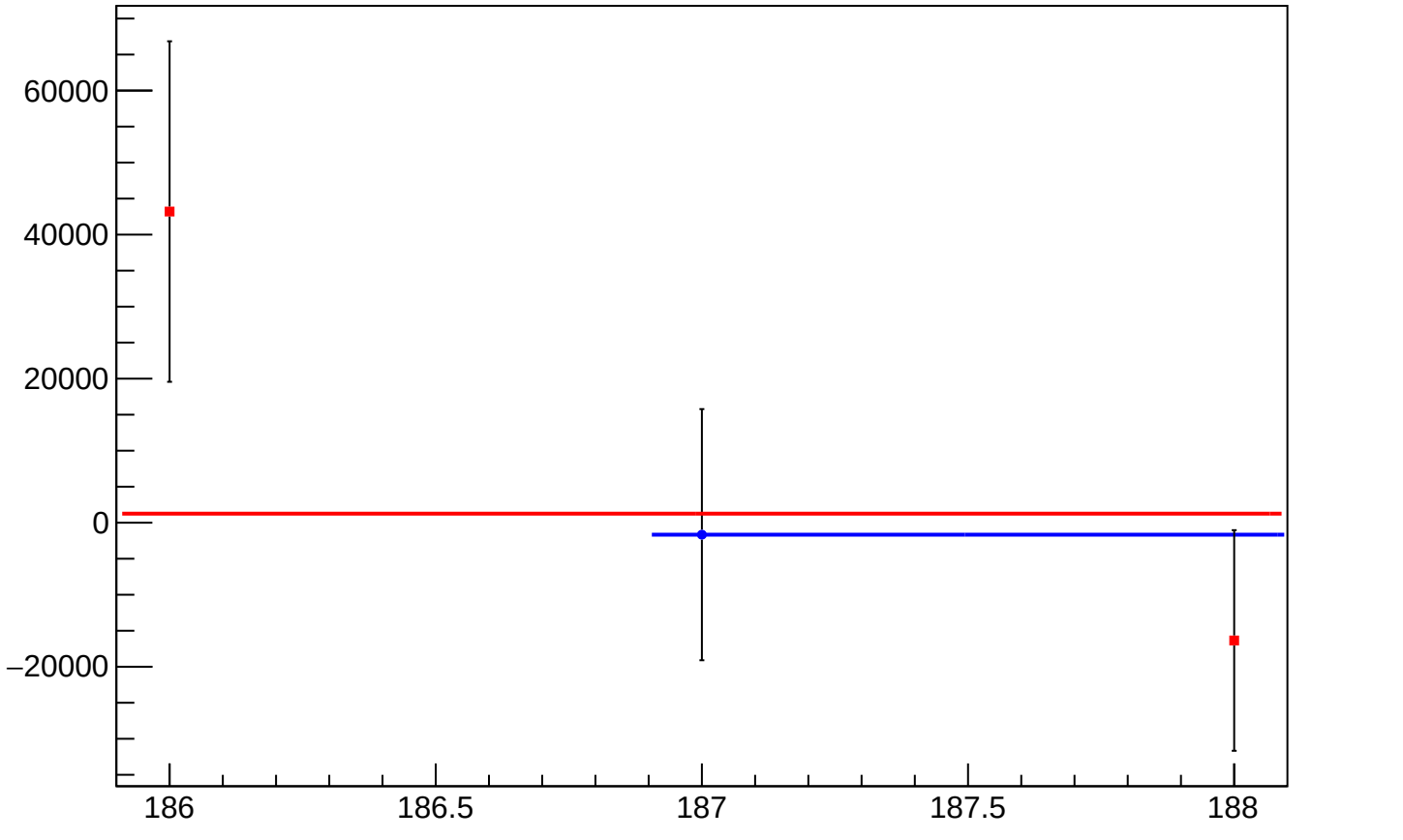
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 473.636+/-0.437 χ^2/NDF: 201669.9/2

In: 411.889+/-0.760 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 473.636+/-0.437 χ^2/NDF: 201669.9/2



Right In: -1661.633+/-17437.007 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1257.296+/-12853.511 χ^2/NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

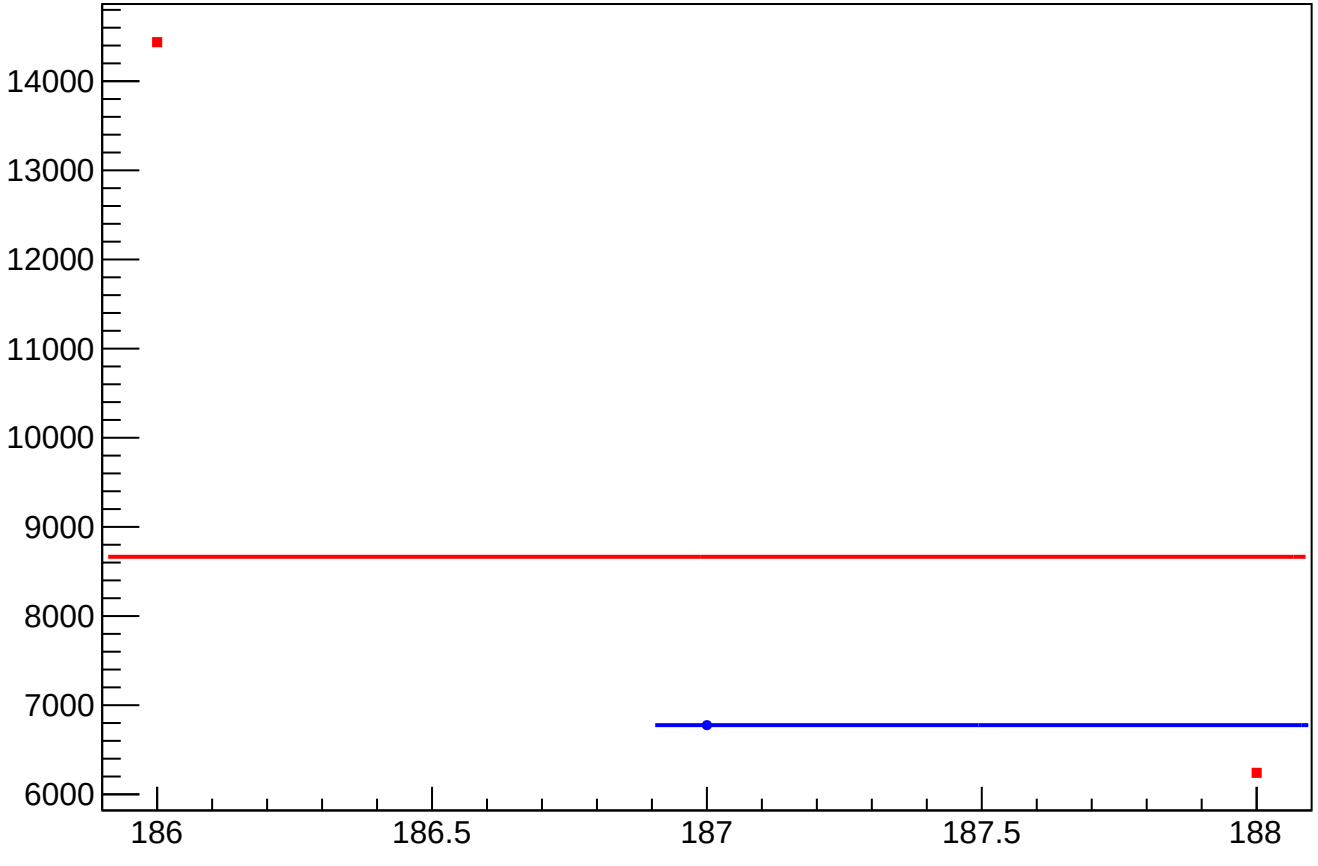
Right: 229.630+/-10346.323 χ^2/NDF: 4.5/2

In: -1661.633+/-17437.007 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 229.630+/-10346.323 χ^2/NDF: 4.5/2

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 6776.157+/-12.330 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8664.688+/-9.089 χ^2/NDF: 169370.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

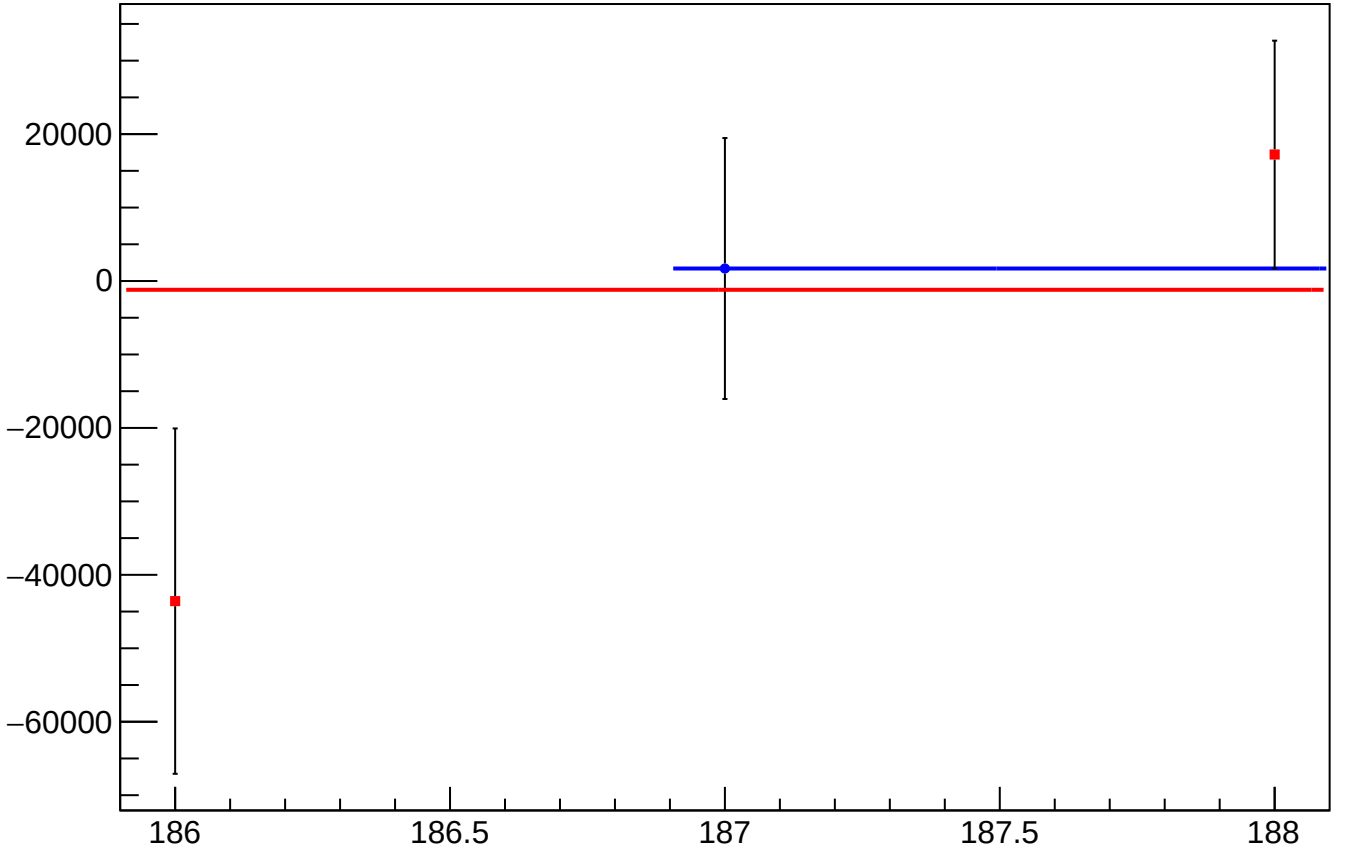
Right: 7999.794+/-7.316 χ^2/NDF: 184571.2/2

In: 6776.157+/-12.330 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7999.794+/-7.316 χ^2/NDF: 184571.2/2

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1703.774+/-17762.966 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1193.332+/-12938.806 χ^2/NDF: 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

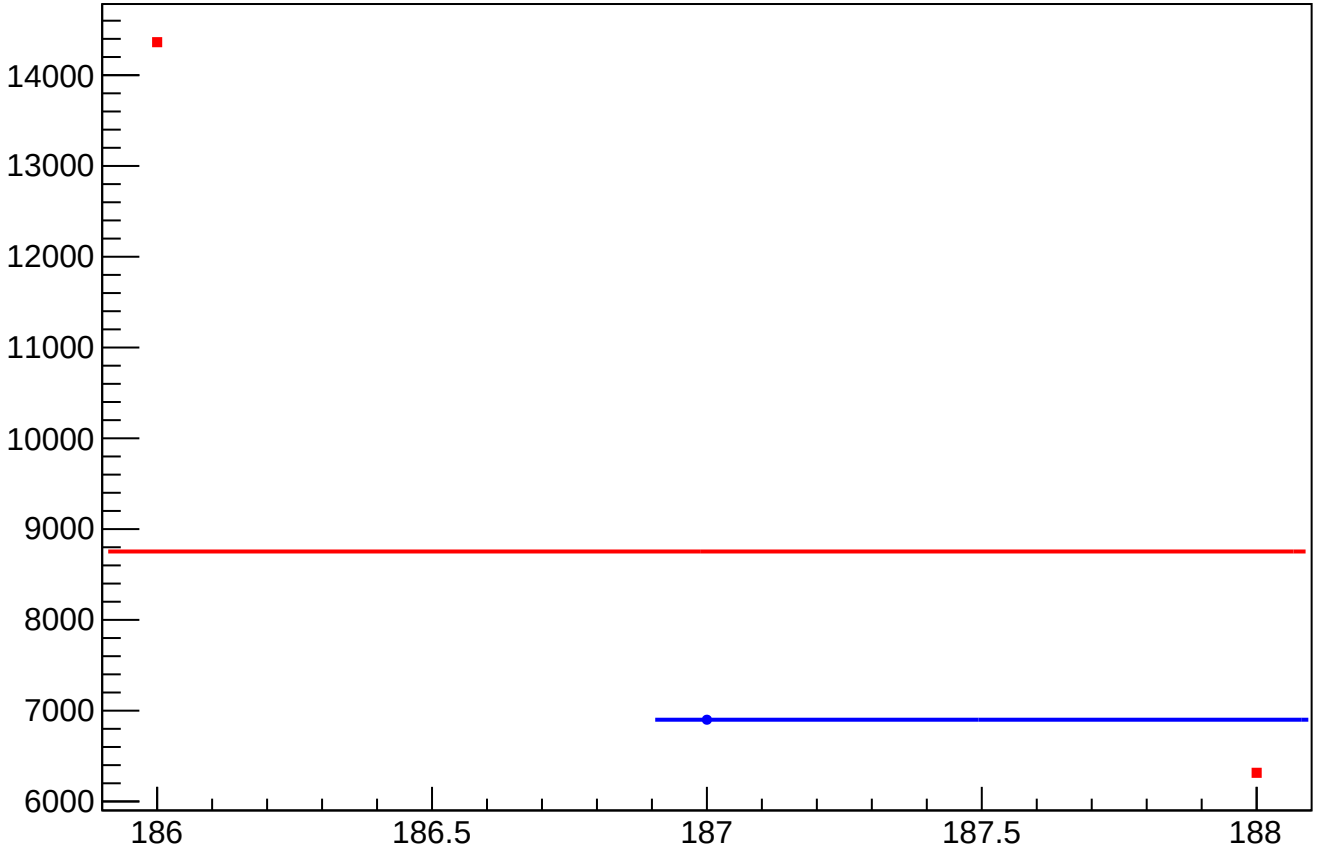
Right: -189.032+/-10458.395 χ^2/NDF: 4.7/2

In: 1703.774+/-17762.966 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -189.032+/-10458.395 χ^2/NDF: 4.7/2

asym_sam2_rms vs Slug, Sign Corrected



Right In: 6900.230+/-12.560 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8753.307+/-9.149 χ^2/NDF: 163381.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

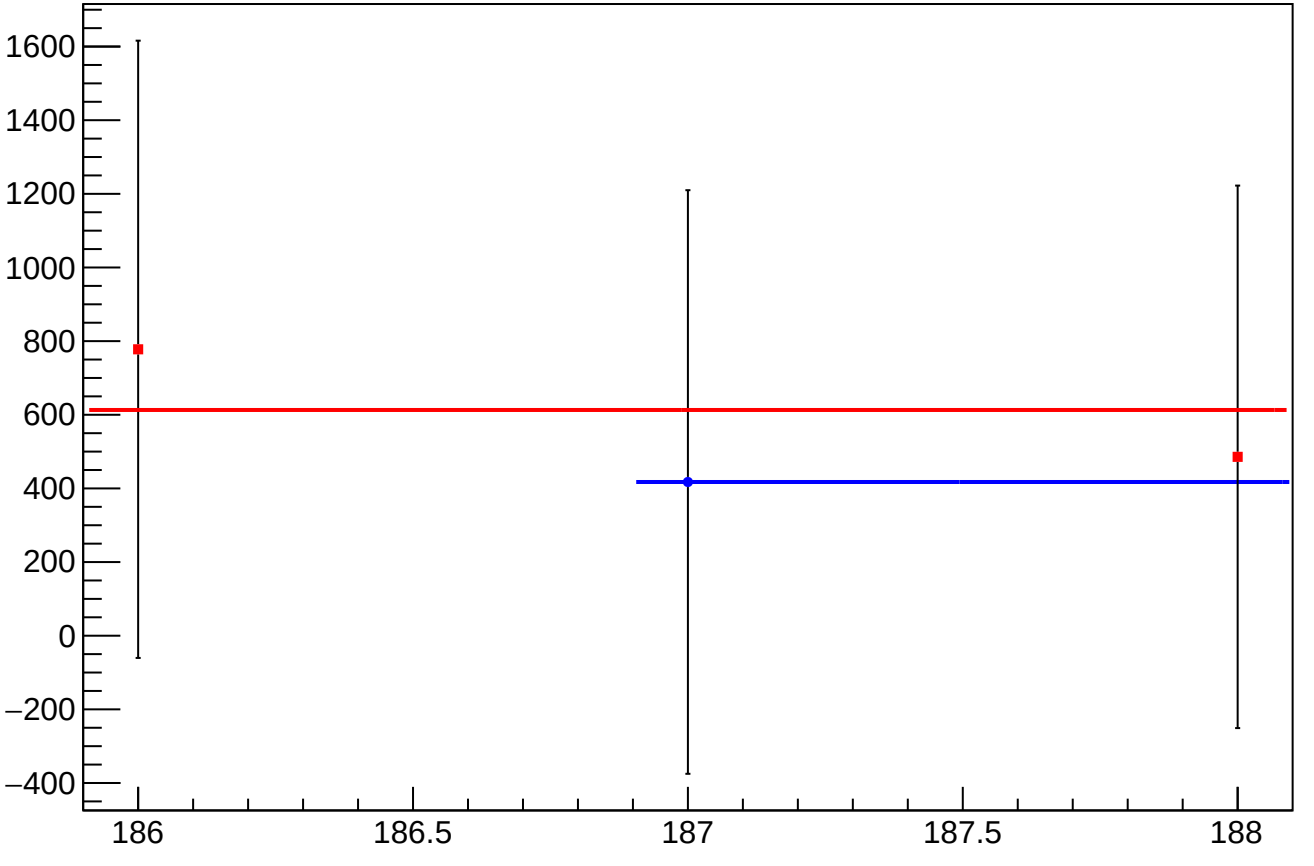
Right: 8110.926+/-7.395 χ^2/NDF: 177602.3/2

In: 6900.230+/-12.560 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8110.926+/-7.395 χ^2/NDF: 177602.3/2

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 417.454+/-792.477 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 613.036+/-553.324 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

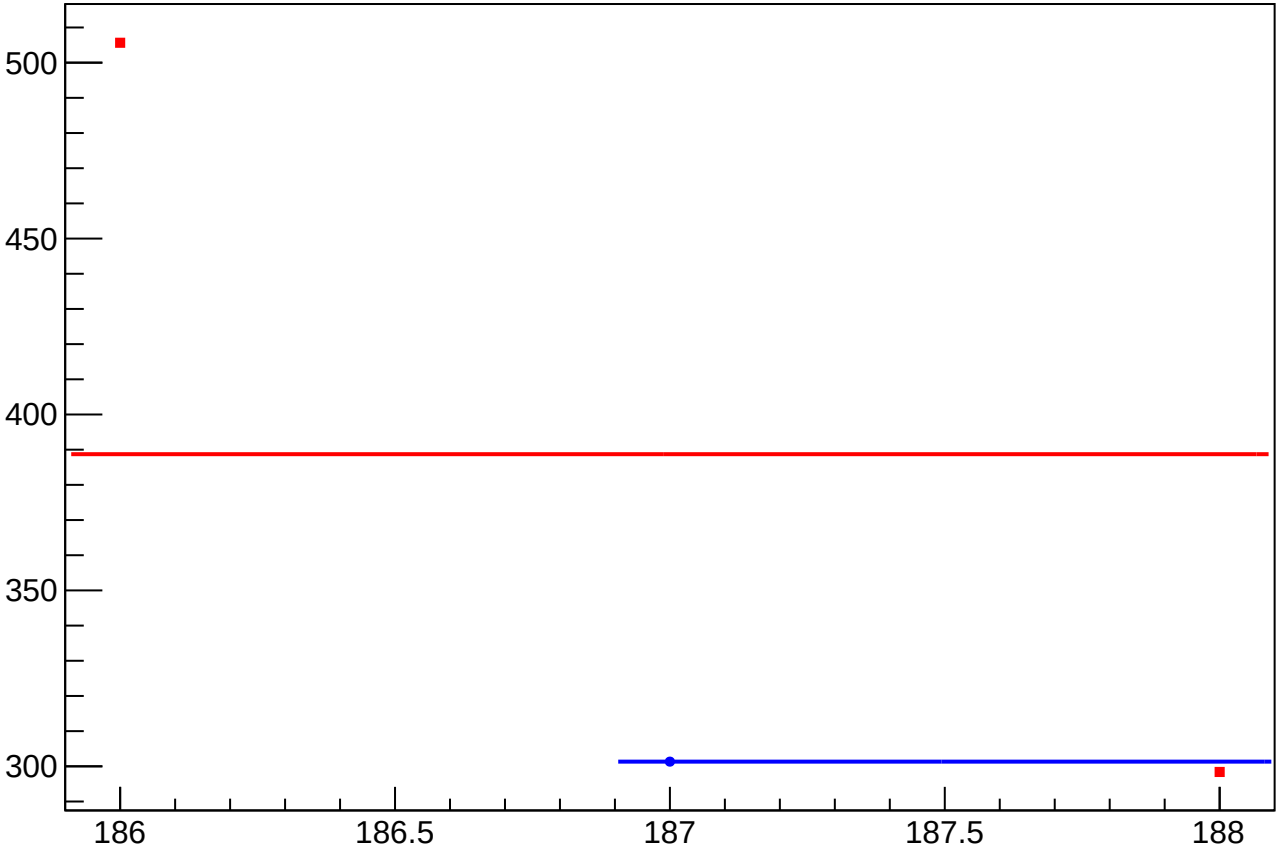
Right: 548.937+/-453.679 χ^2/NDF: 0.1/2

In: 417.454+/-792.477 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 548.937+/-453.679 χ^2/NDF: 0.1/2

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 301.334+/-0.560 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 388.720+/-0.391 χ^2/NDF: 68996.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

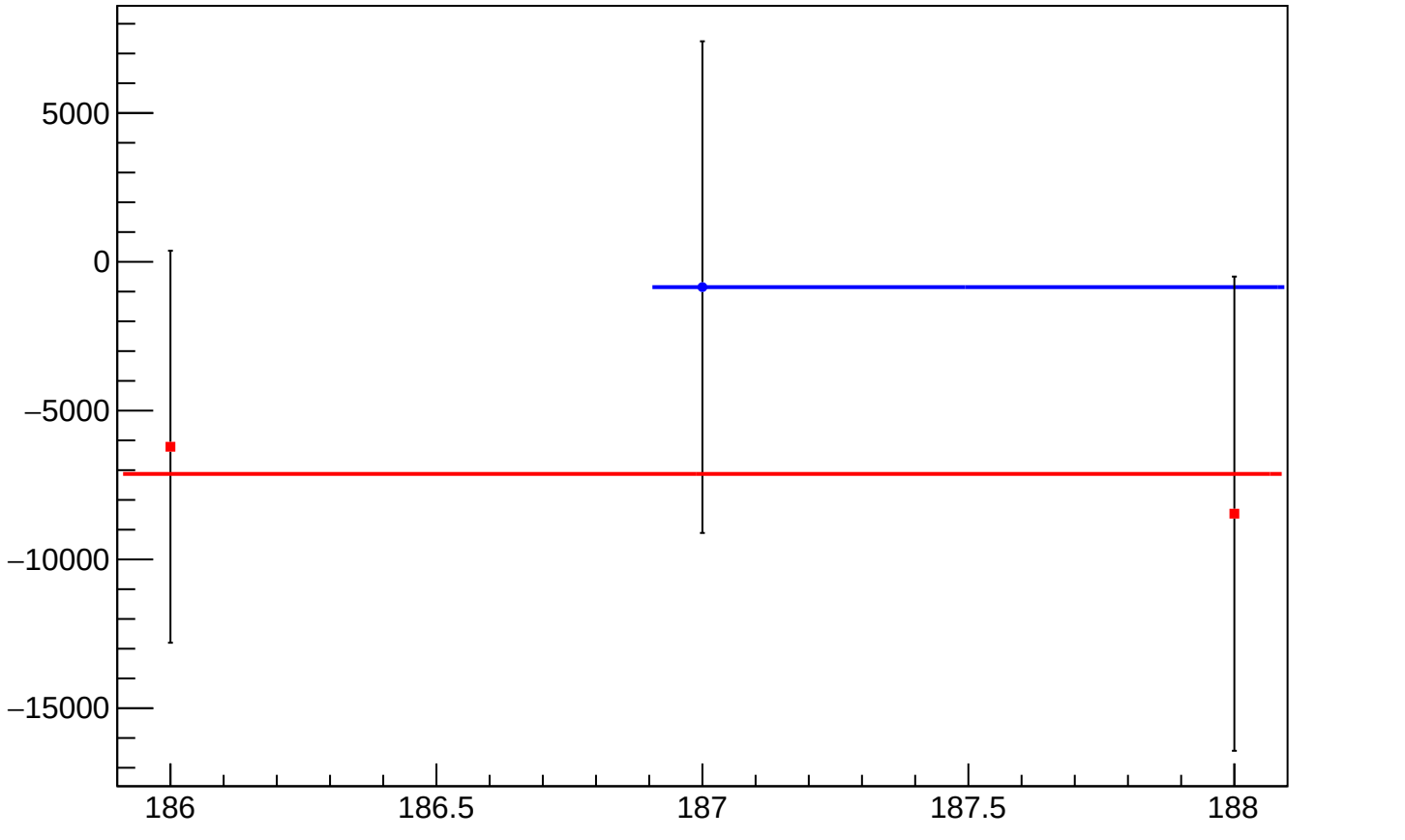
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 360.080+/-0.321 χ^2/NDF: 85344.9/2

In: 301.334+/-0.560 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 360.080+/-0.321 χ^2/NDF: 85344.9/2



Right In: -850.058+/-8260.174 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7126.564+/-5075.812 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

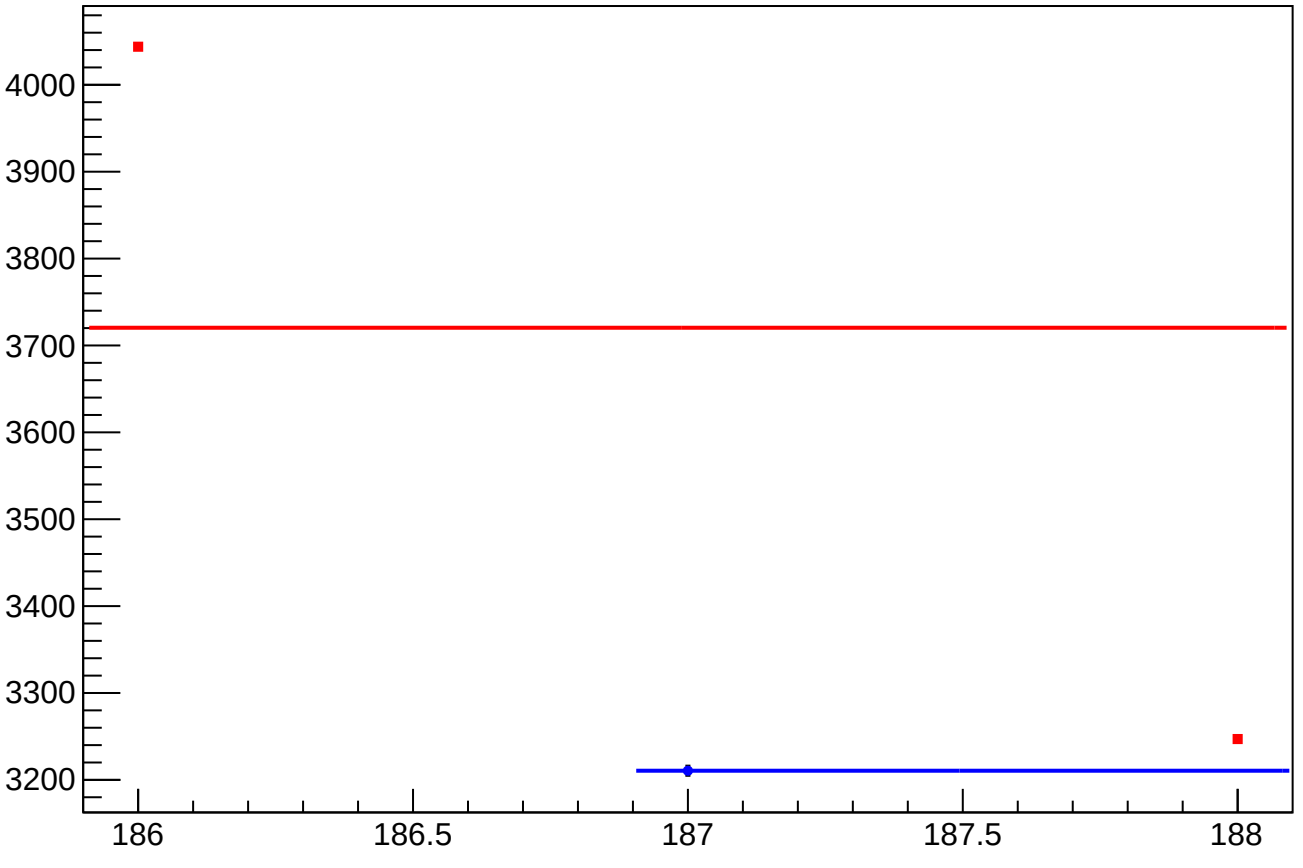
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -5406.172+/-4324.579 χ^2/NDF: 0.5/2

In: -850.058+/-8260.174 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5406.172+/-4324.579 χ^2/NDF: 0.5/2



Right In: 3210.533+/-5.841 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3720.395+/-3.589 χ^2/NDF: 11886.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

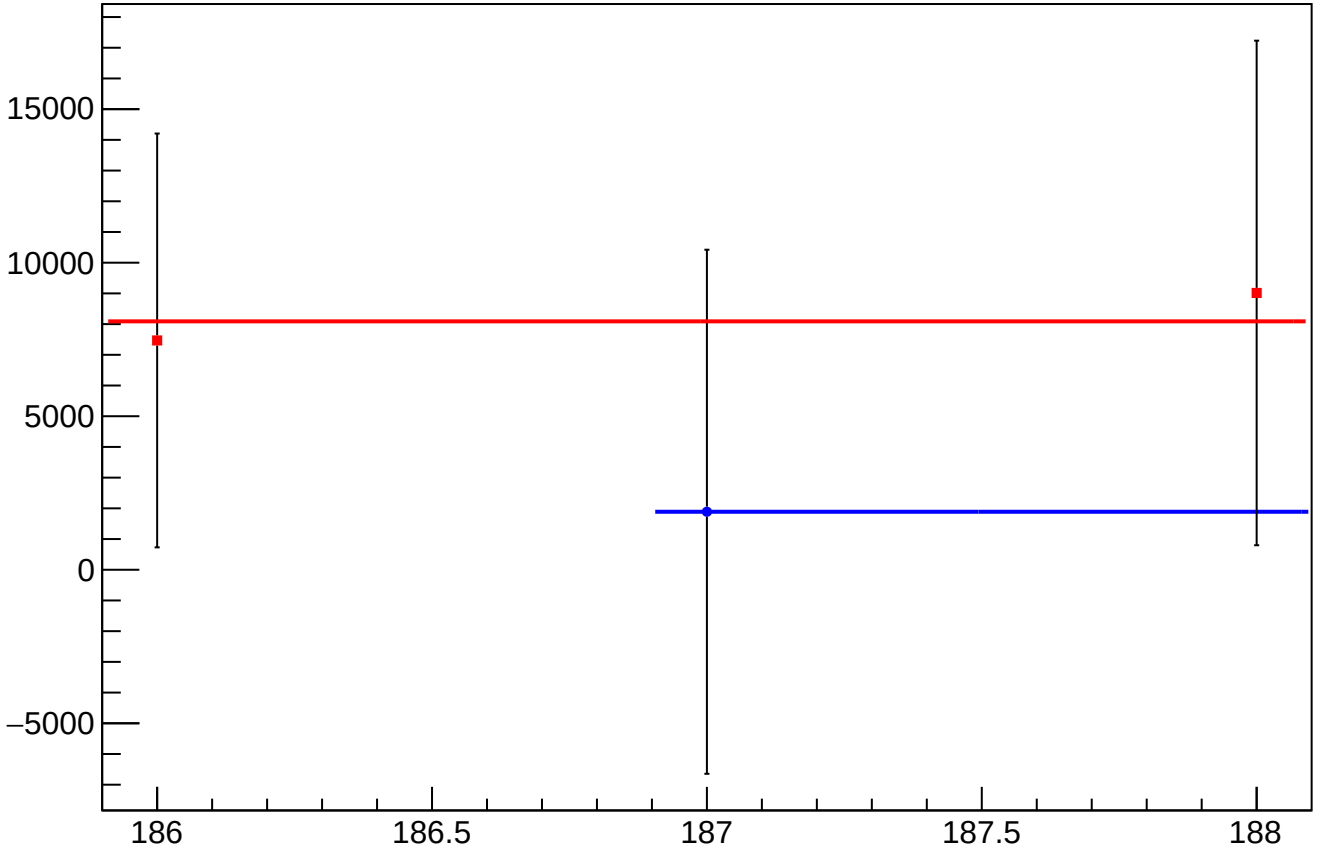
Right: 3580.641+/-3.058 χ^2/NDF: 17417.9/2

In: 3210.533+/-5.841 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3580.641+/-3.058 χ^2/NDF: 17417.9/2

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1888.713+/-8533.746 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8089.643+/-5210.264 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

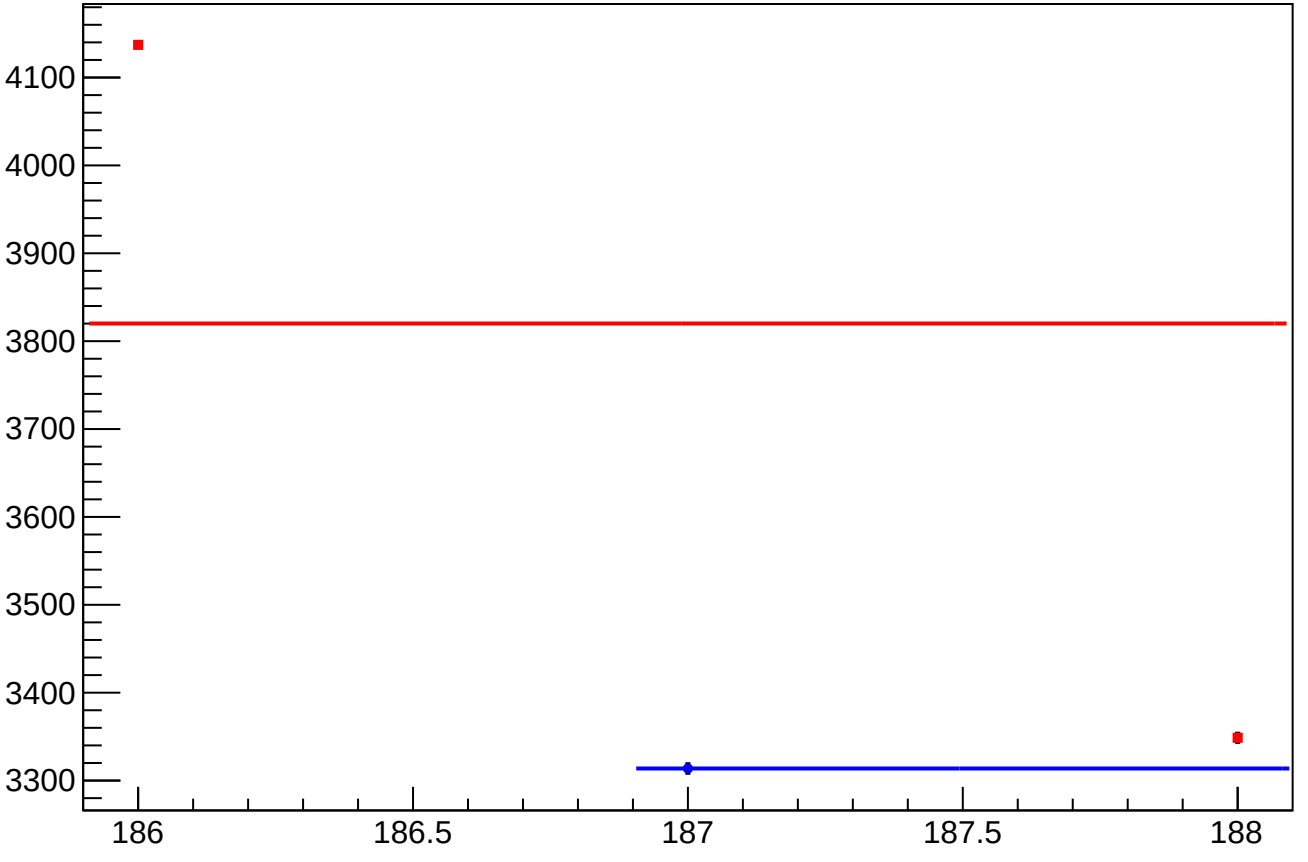
Right: 6405.809+/-4446.937 χ^2/NDF: 0.4/2

In: 1888.713+/-8533.746 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6405.809+/-4446.937 χ^2/NDF: 0.4/2

asym_sam3_rms vs Slug, Sign Corrected



Right In: 3313.730+/-6.034 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3820.094+/-3.684 χ^2/NDF: 11012.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

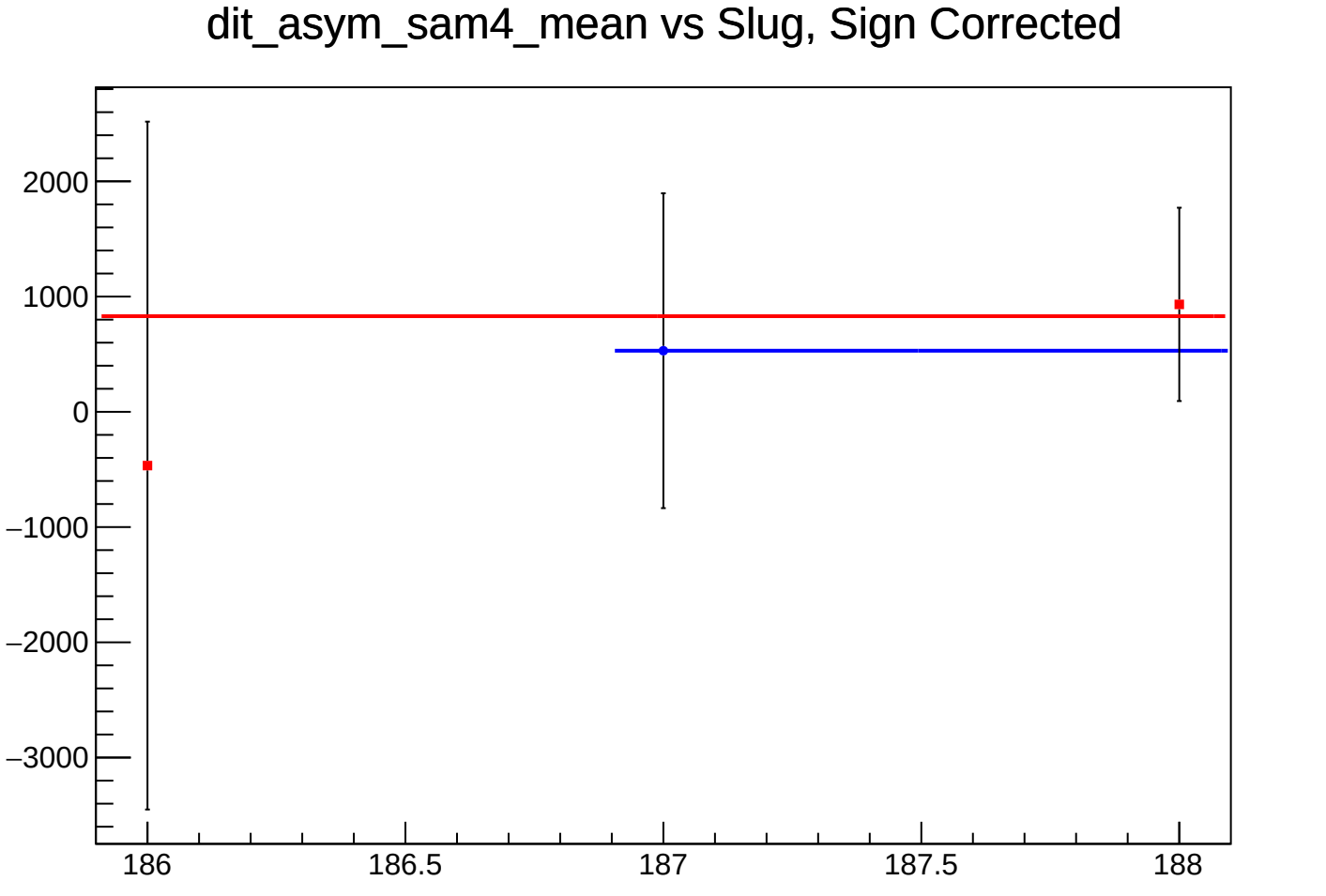
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3682.593+/-3.144 χ^2/NDF: 16141.5/2

In: 3313.730+/-6.034 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3682.593+/-3.144 χ^2/NDF: 16141.5/2



Right In: 530.218+/-1365.811 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 829.843+/-807.388 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

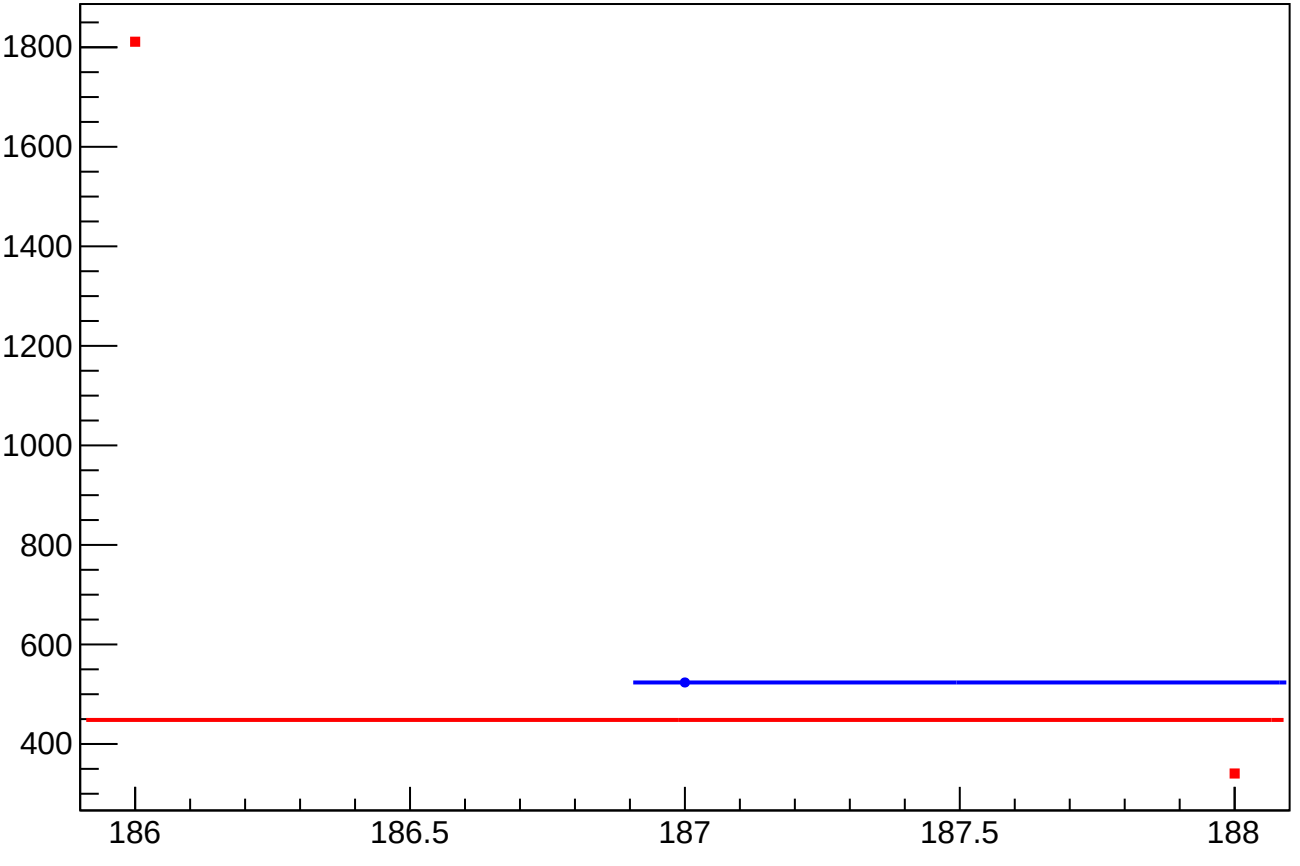
Right: 752.253+/-695.031 χ^2/NDF: 0.2/2

In: 530.218+/-1365.811 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 752.253+/-695.031 χ^2/NDF: 0.2/2

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 523.609+/-0.966 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 448.326+/-0.571 χ^2/NDF: 450083.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

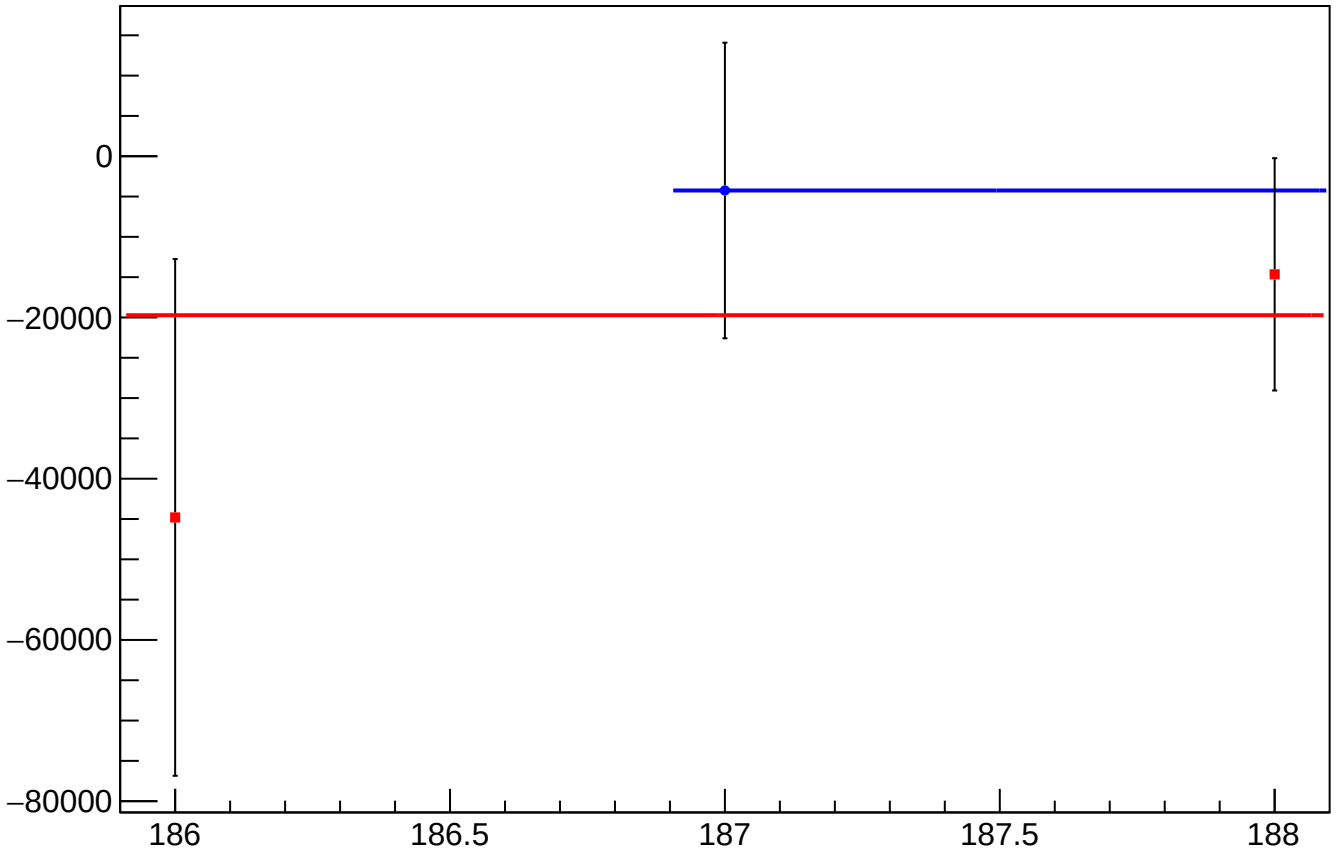
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 467.821+/-0.491 χ^2/NDF: 454586.4/2

In: 523.609+/-0.966 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 467.821+/-0.491 χ^2/NDF: 454586.4/2



Right In: -4249.099+/-18335.031 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19719.842+/-13141.467 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

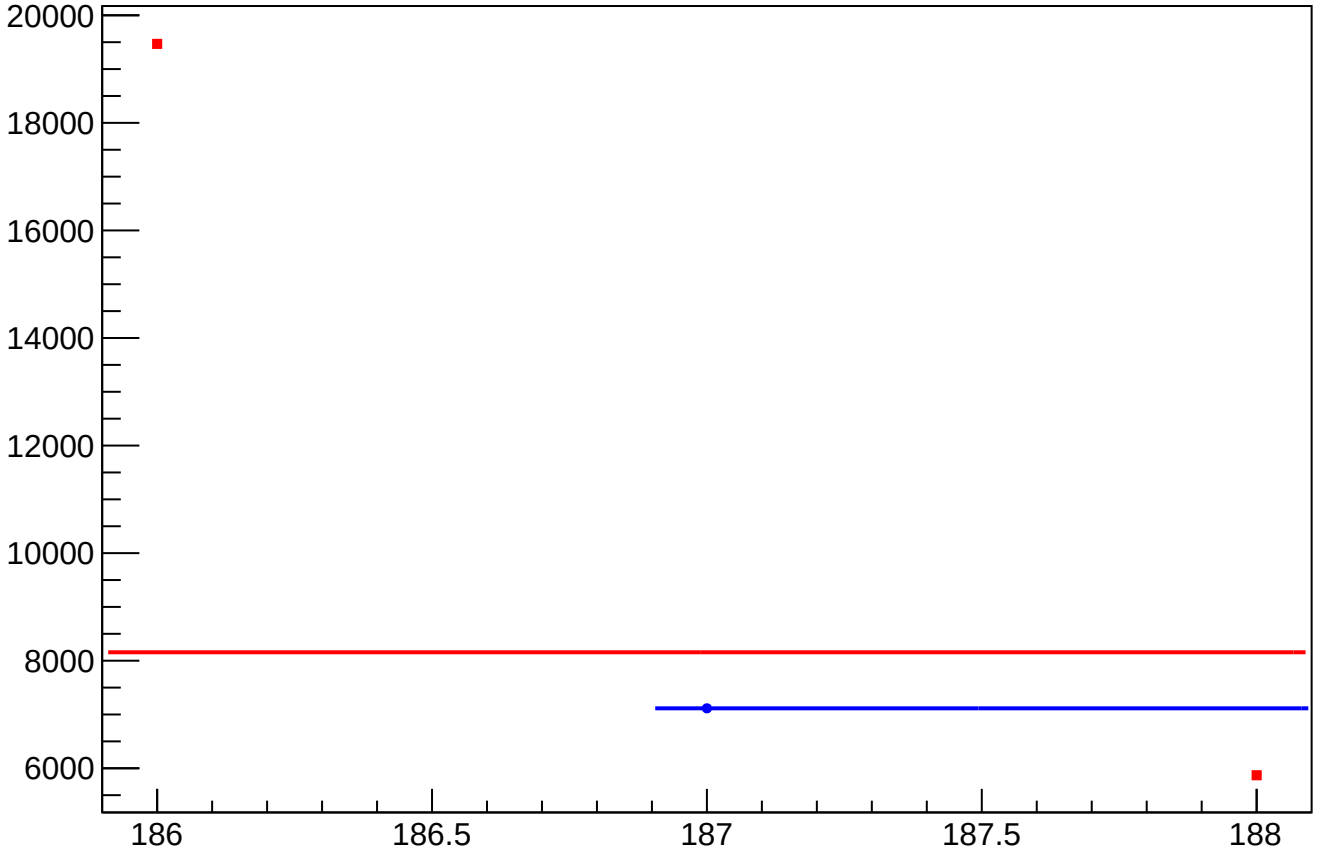
Right: -14469.462+/-10681.234 χ^2/NDF: 1.2/2

In: -4249.099+/-18335.031 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14469.462+/-10681.234 χ^2/NDF: 1.2/2

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 7114.756+/-12.965 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8156.590+/-9.292 χ^2/NDF: 299510.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

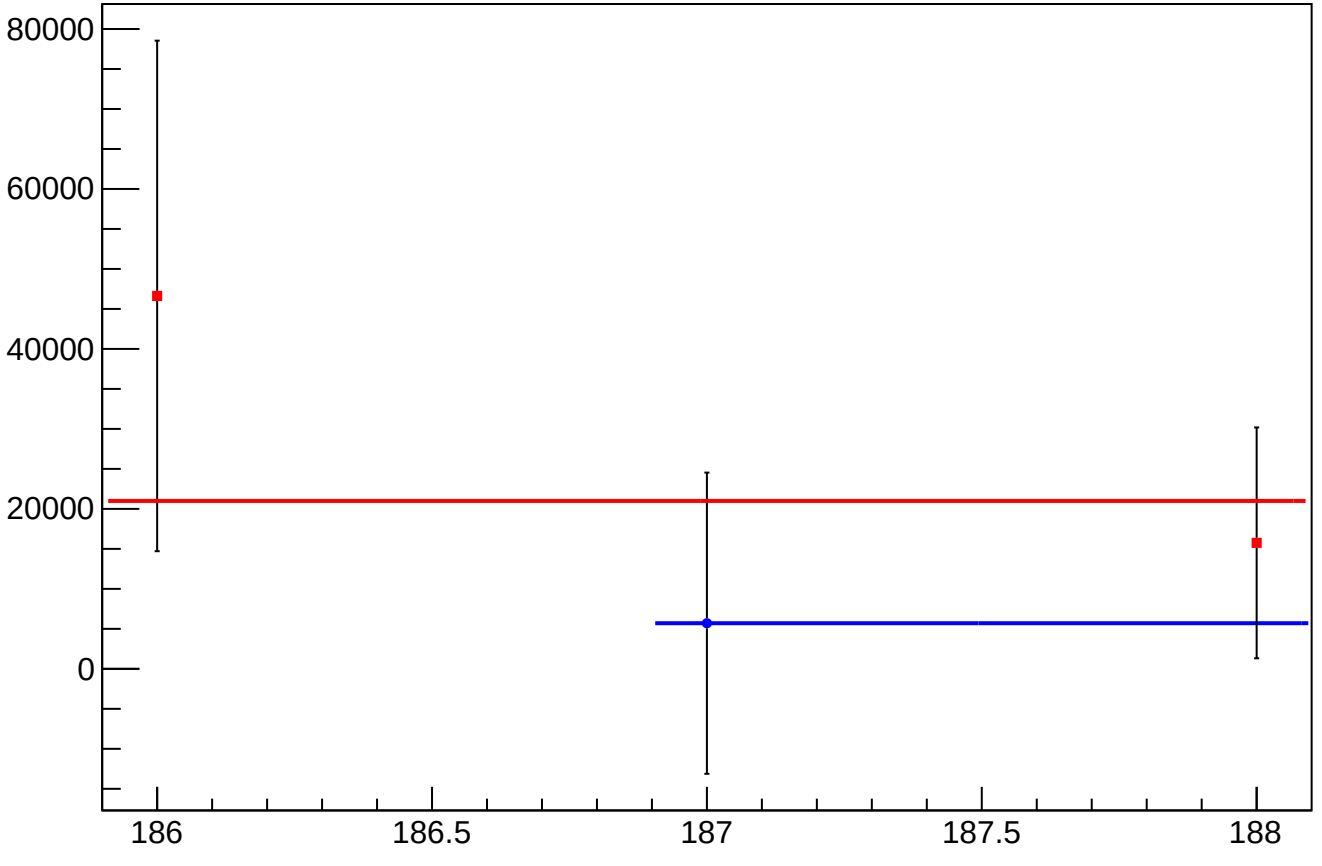
Right: 7803.017+/-7.553 χ^2/NDF: 303776.2/2

In: 7114.756+/-12.965 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7803.017+/-7.553 χ^2/NDF: 303776.2/2

asym_sam4_mean vs Slug, Sign Corrected



Right In: 5704.921+/-18828.021 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20991.034+/-13150.467 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

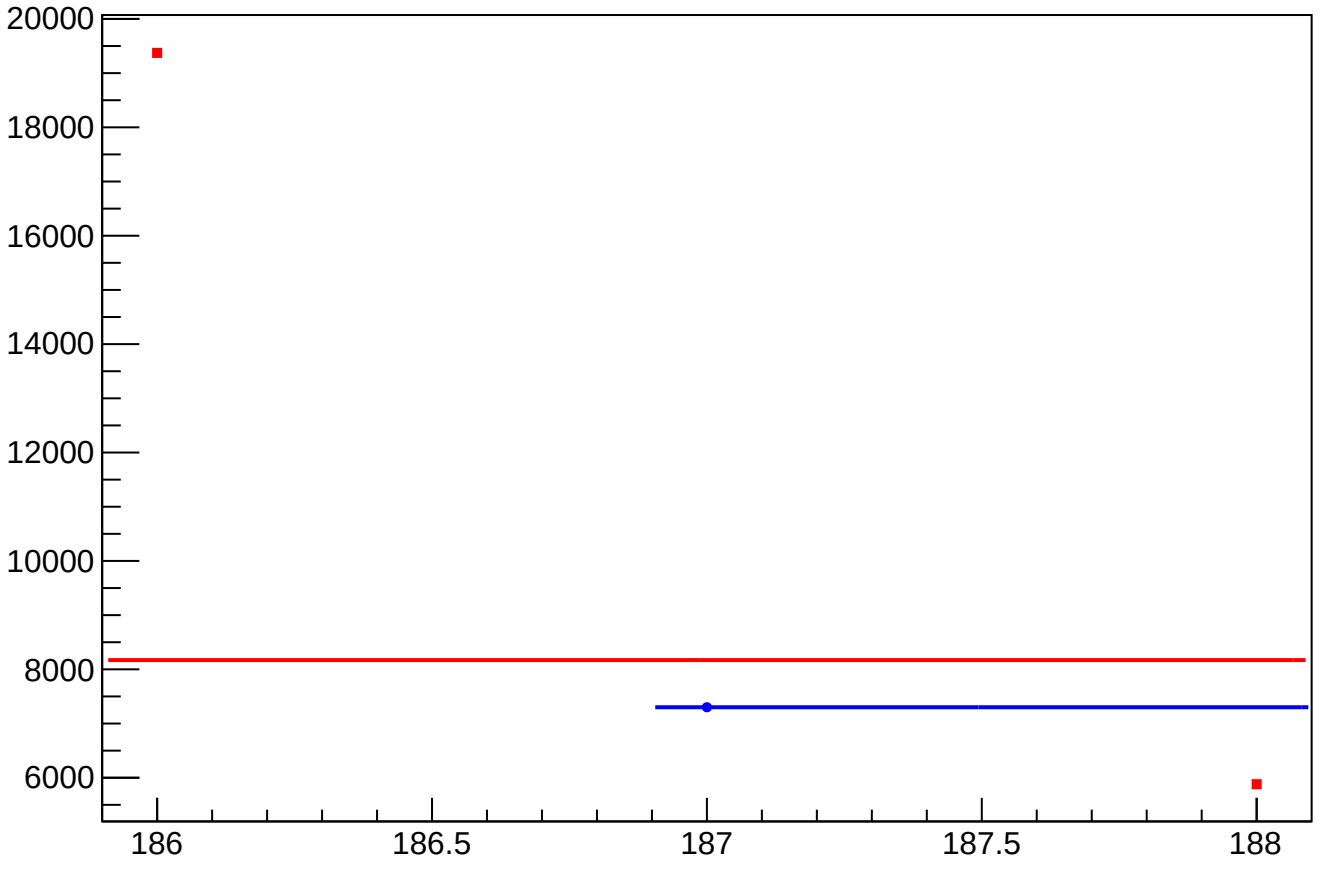
Right: 15978.985+/-10781.118 χ^2/NDF: 1.2/2

In: 5704.921+/-18828.021 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15978.985+/-10781.118 χ^2/NDF: 1.2/2

asym_sam4_rms vs Slug, Sign Corrected



Right In: 7300.517+/-13.313 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8170.676+/-9.299 χ^2/NDF: 296787.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

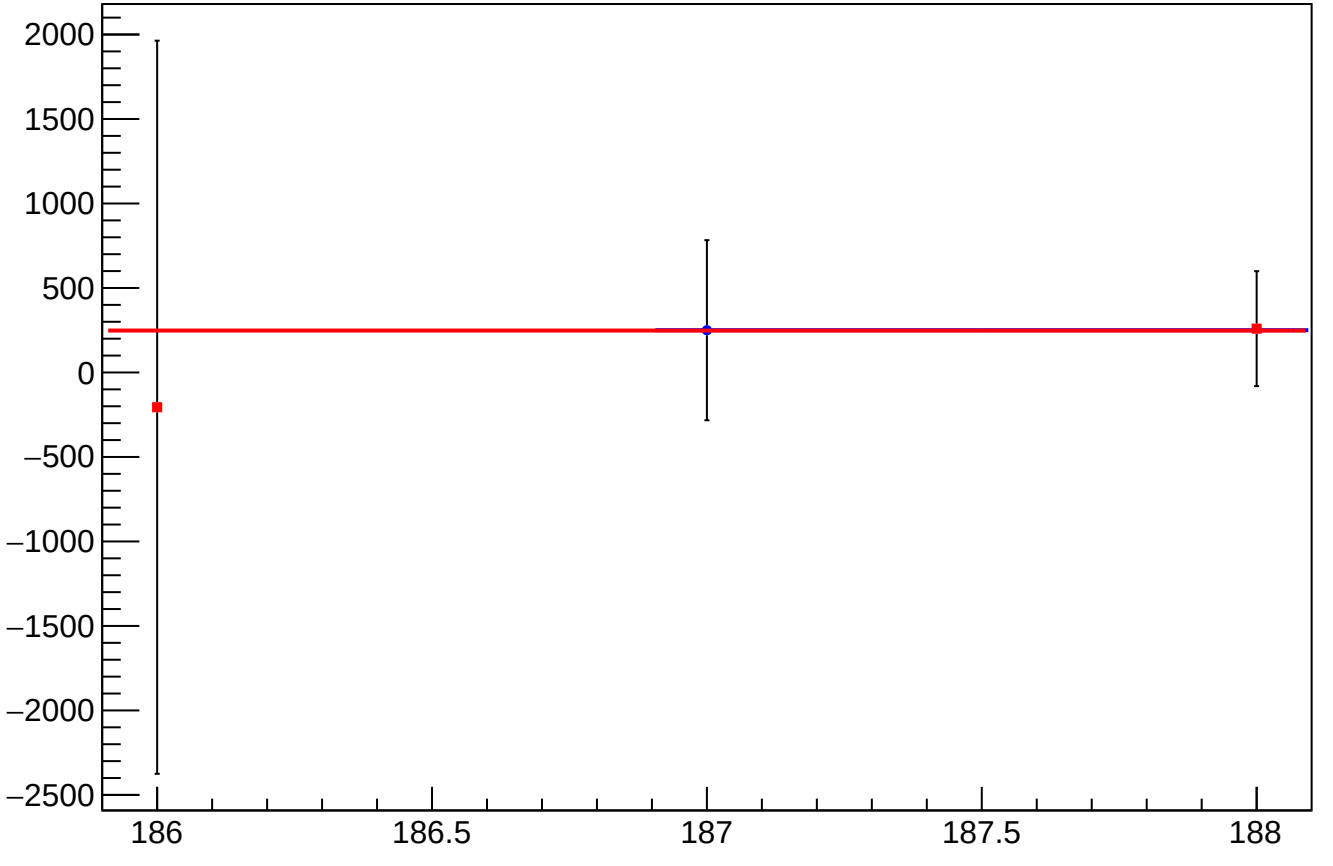
Right: 7885.366+/-7.623 χ^2/NDF: 299659.0/2

In: 7300.517+/-13.313 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7885.366+/-7.623 χ^2/NDF: 299659.0/2

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 250.073+/-532.855 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 248.107+/-336.046 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

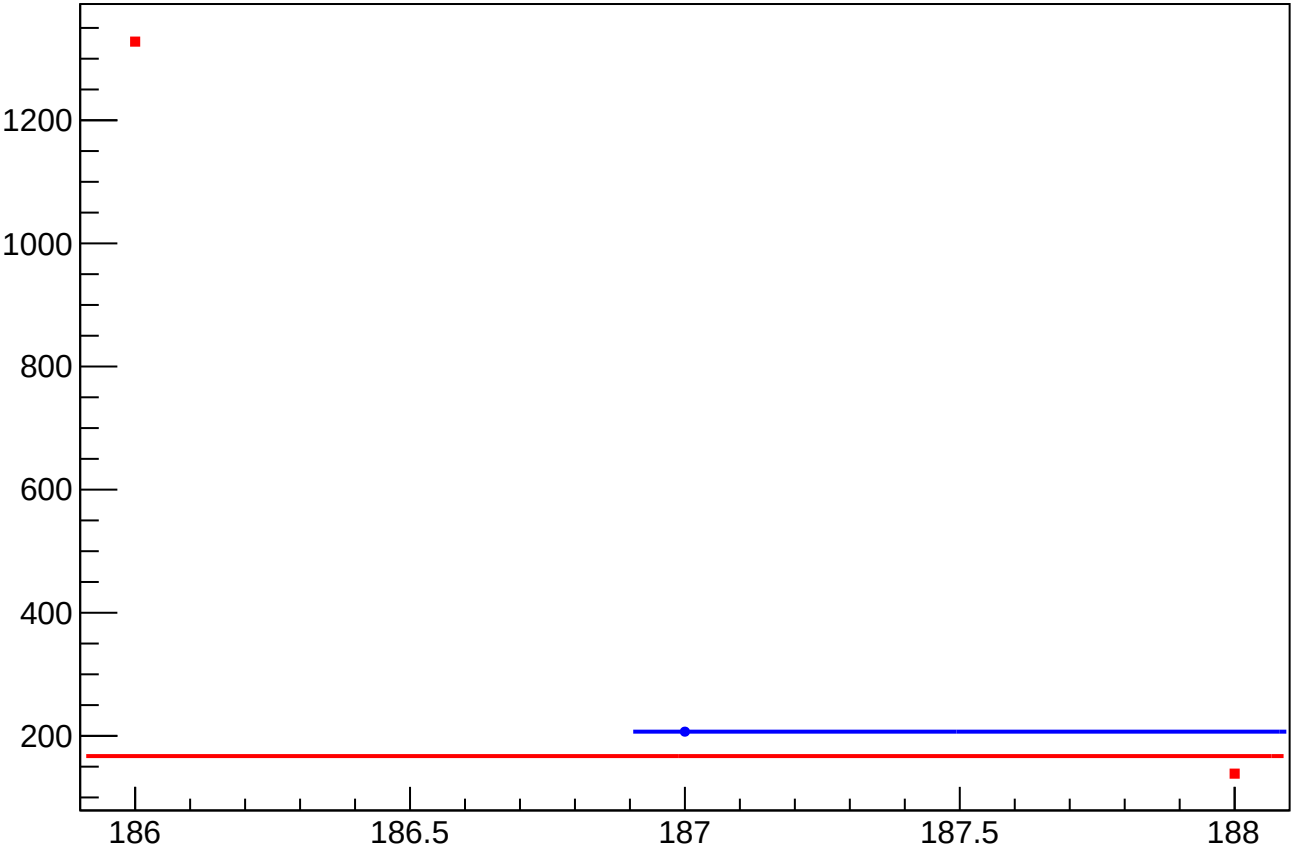
Right: 248.667+/-284.242 χ^2/NDF: 0.0/2

In: 250.073+/-532.855 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 248.667+/-284.242 χ^2/NDF: 0.0/2

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 206.864+/-0.377 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 167.186+/-0.238 χ^2/NDF: 586519.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

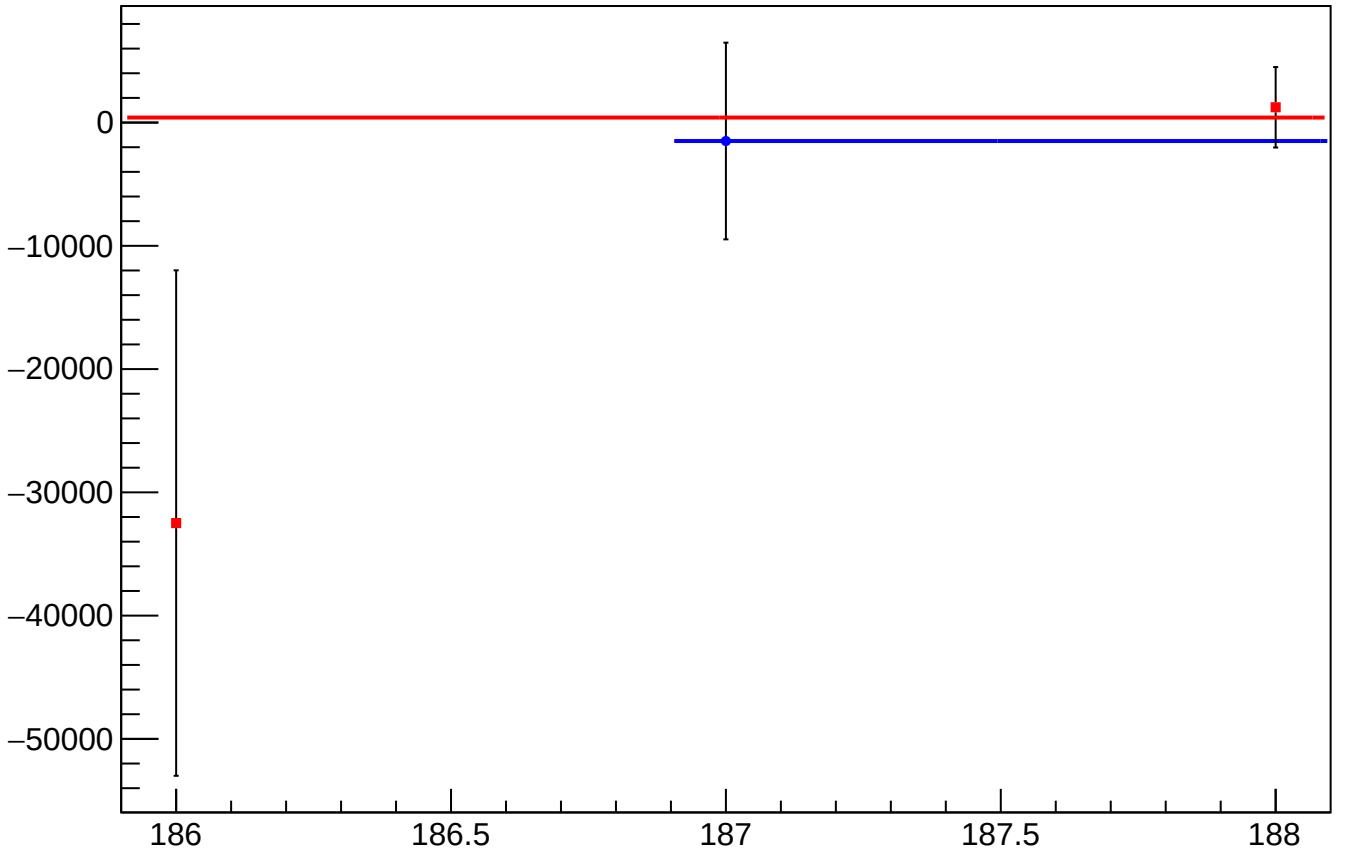
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 178.476+/-0.201 χ^2/NDF: 594453.7/2

In: 206.864+/-0.377 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 178.476+/-0.201 χ^2/NDF: 594453.7/2



Right In: -1497.056+/-7978.349 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 406.165+/-3222.657 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

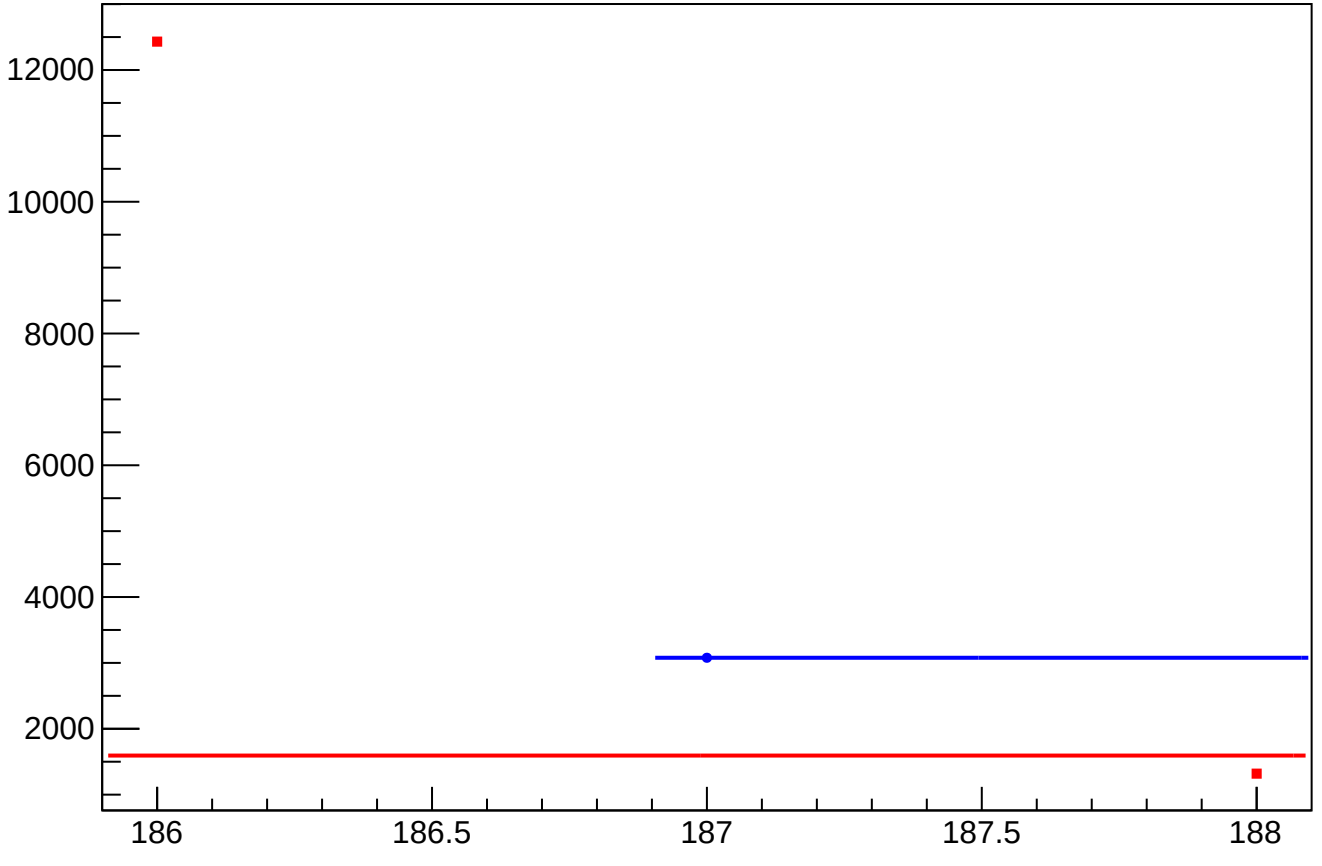
Right: 139.200+/-2988.101 χ^2/NDF: 2.7/2

In: -1497.056+/-7978.349 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 139.200+/-2988.101 χ^2/NDF: 2.7/2

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 3077.969+/-5.642 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1593.406+/-2.279 χ^2/NDF: 572920.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

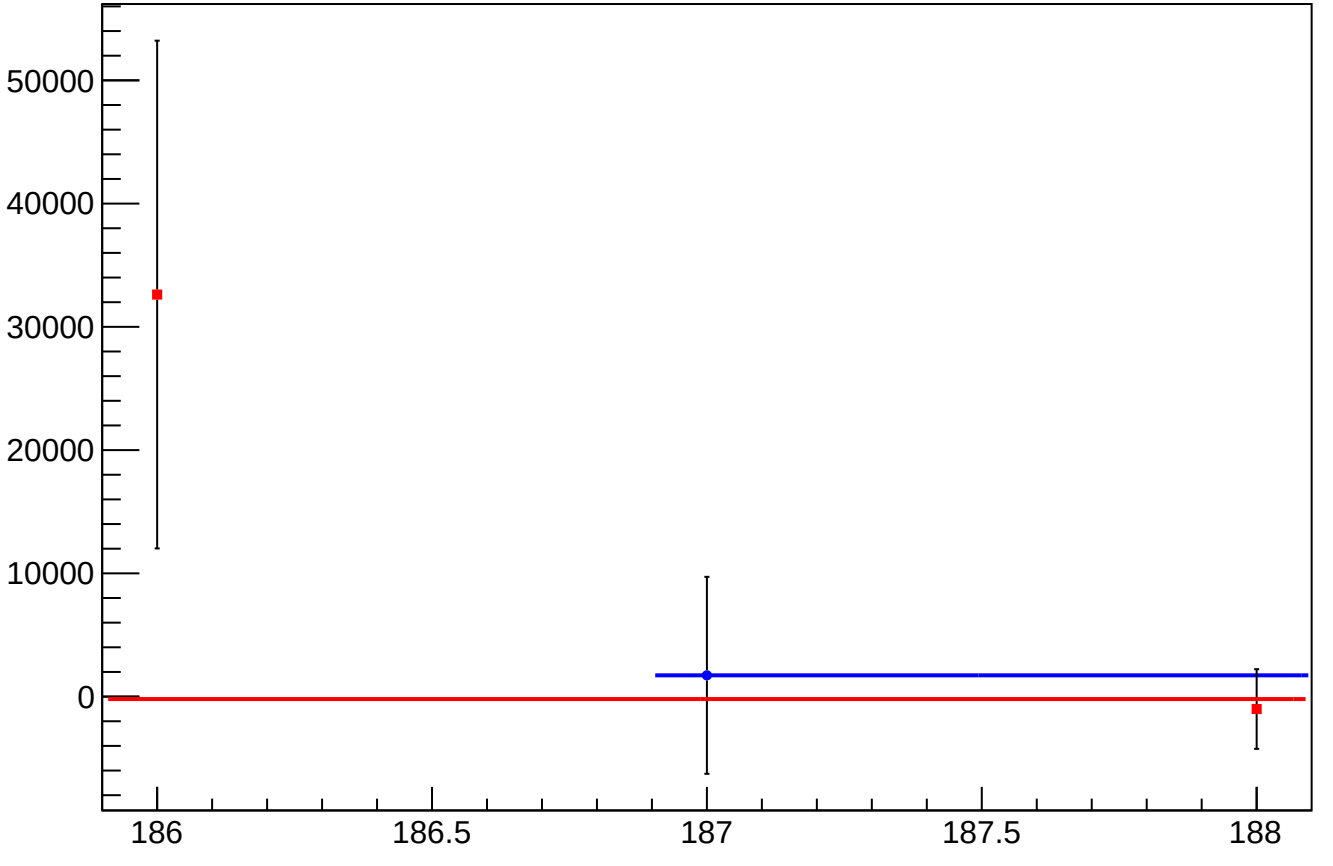
Right: 1801.645+/-2.113 χ^2/NDF: 632454.6/2

In: 3077.969+/-5.642 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1801.645+/-2.113 χ^2/NDF: 632454.6/2

asym_sam5_mean vs Slug, Sign Corrected



Right In: 1726.662+/-7989.964 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -198.783+/-3193.548 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

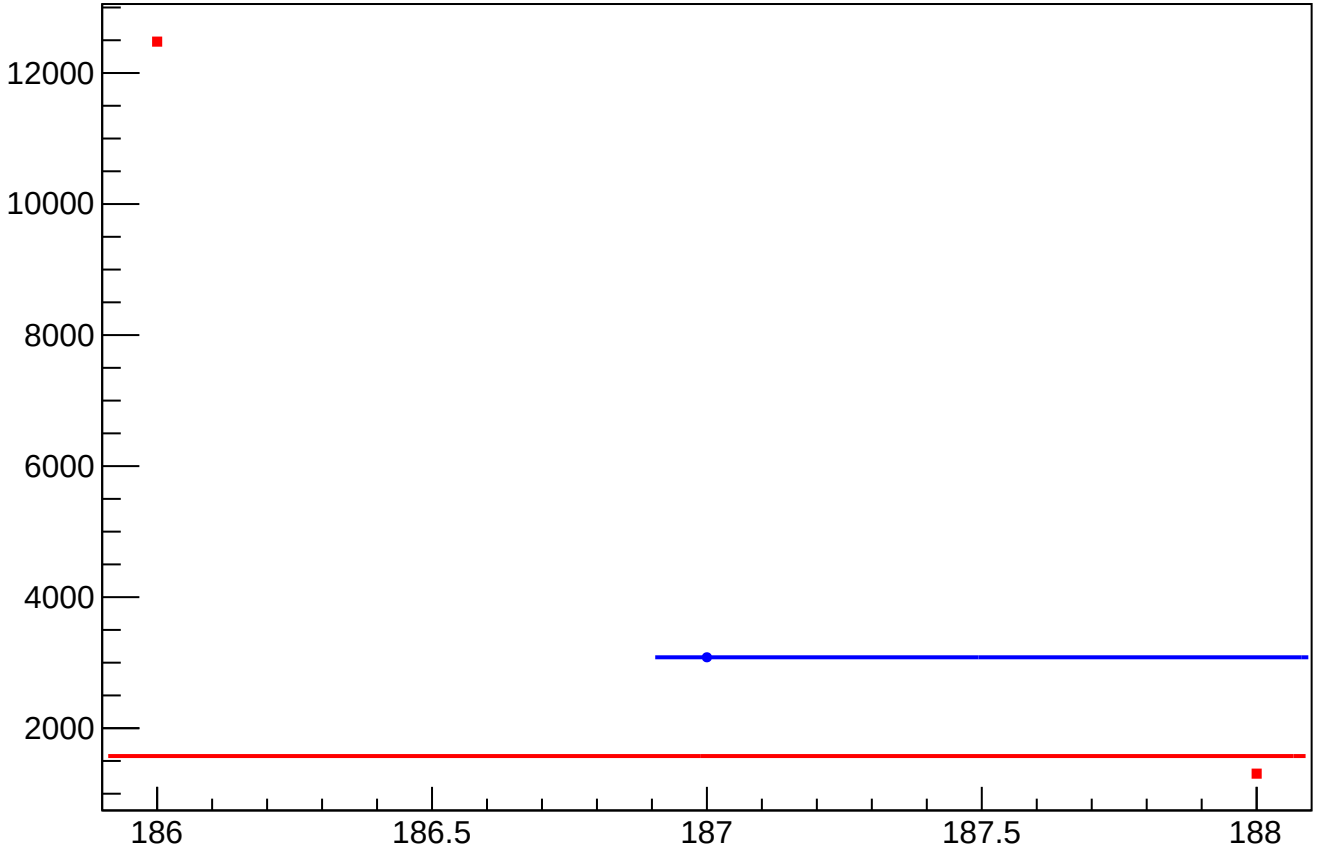
Right: 66.446+/-2965.447 χ^2/NDF: 2.7/2

In: 1726.662+/-7989.964 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 66.446+/-2965.447 χ^2/NDF: 2.7/2

asym_sam5_rms vs Slug, Sign Corrected



Right In: 3082.090+/-5.650 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1574.774+/-2.258 χ^2/NDF: 574229.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

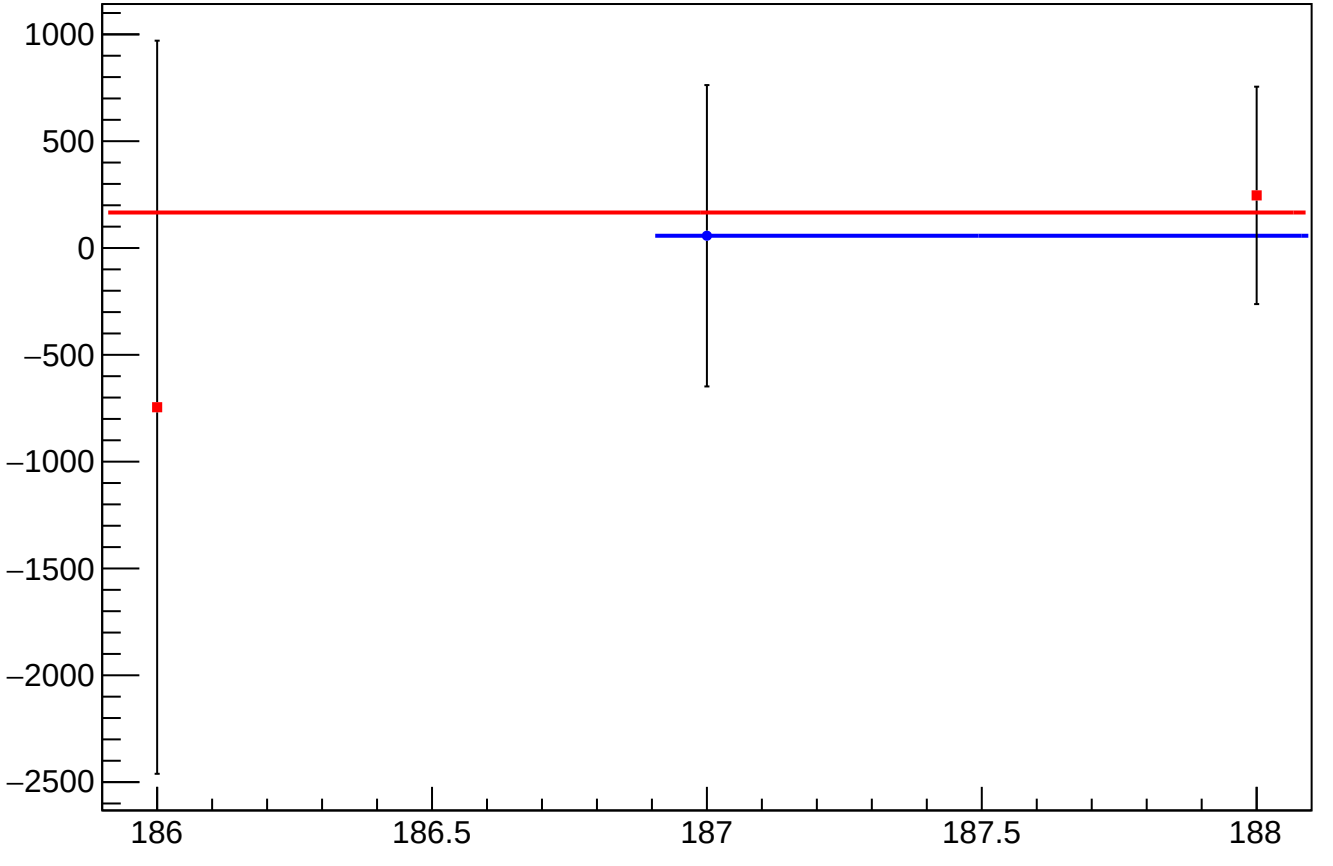
Right: 1782.406+/-2.097 χ^2/NDF: 635603.6/2

In: 3082.090+/-5.650 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1782.406+/-2.097 χ^2/NDF: 635603.6/2

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: 57.364+/-705.326 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 166.164+/-487.818 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

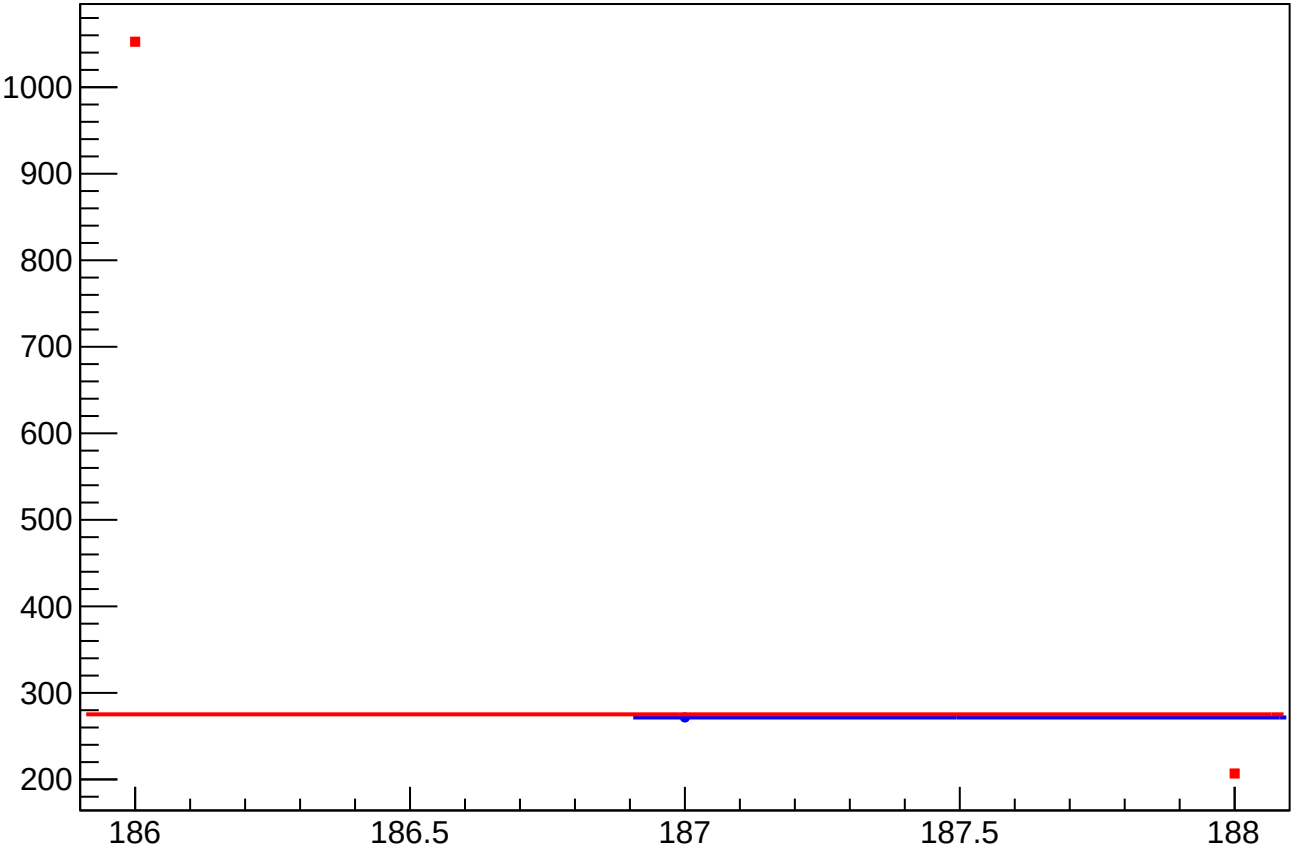
Right: 130.960+/-401.209 χ^2/NDF: 0.3/2

In: 57.364+/-705.326 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 130.960+/-401.209 χ^2/NDF: 0.3/2

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 271.594+/-0.499 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 275.221+/-0.345 χ^2/NDF: 446635.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

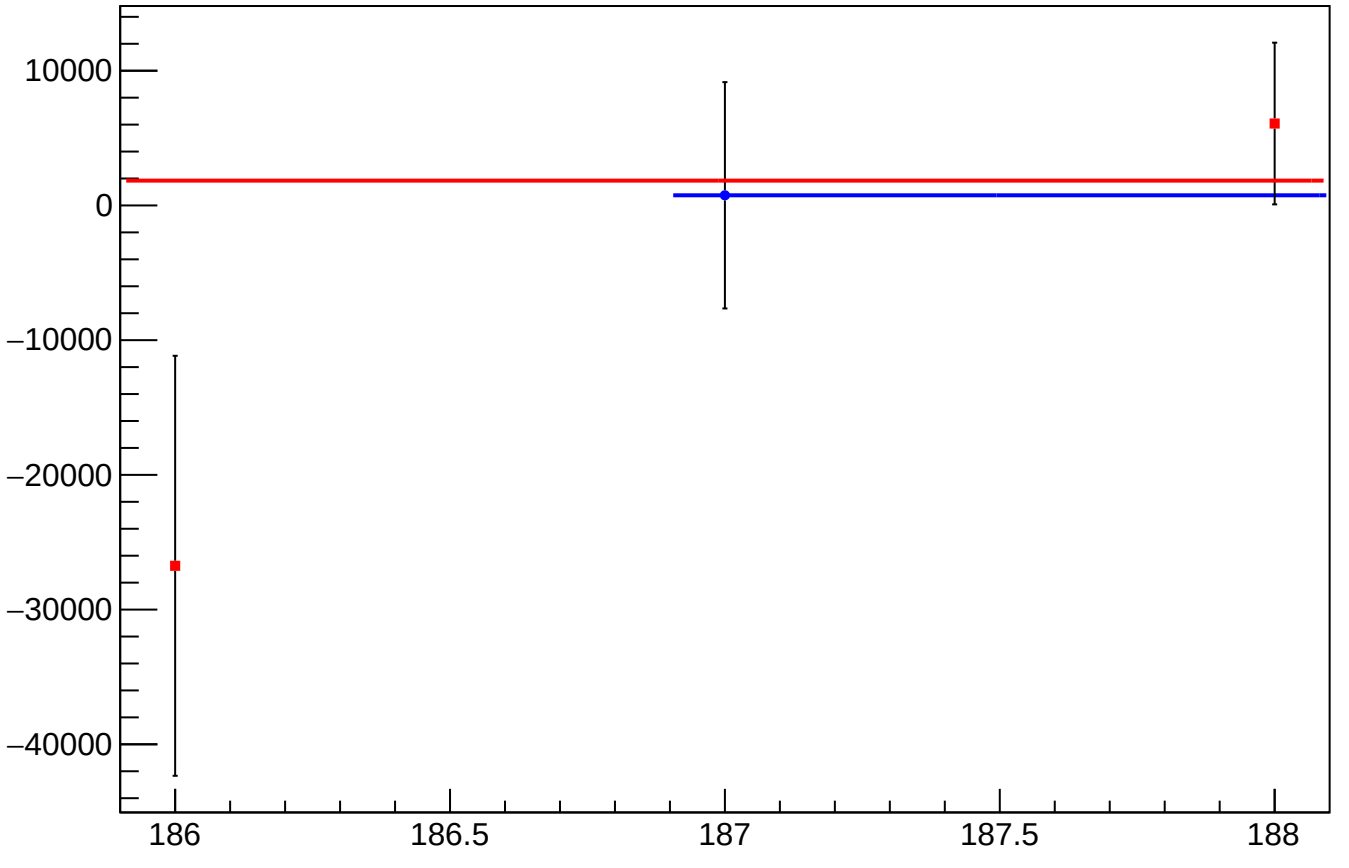
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 274.048+/-0.284 χ^2/NDF: 446671.1/2

In: 271.594+/-0.499 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 274.048+/-0.284 χ^2/NDF: 446671.1/2



Right In: 753.836+/-8400.562 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1843.162+/-5600.820 χ^2/NDF: 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

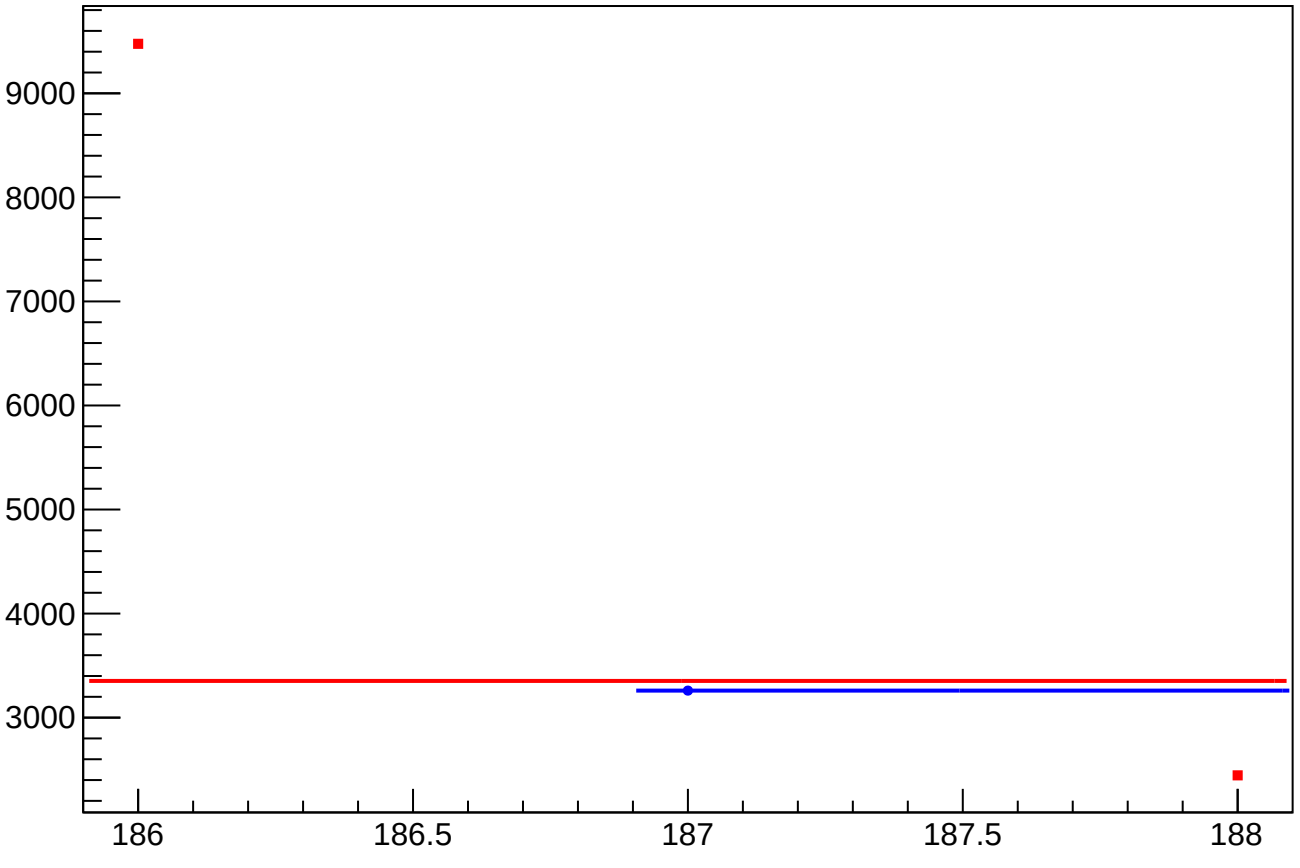
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1507.948+/-4660.050 χ^2/NDF: 3.9/2

In: 753.836+/-8400.562 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1507.948+/-4660.050 χ^2/NDF: 3.9/2



Right In: 3259.641+/-5.940 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3352.706+/-3.960 χ^2/NDF: 354298.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

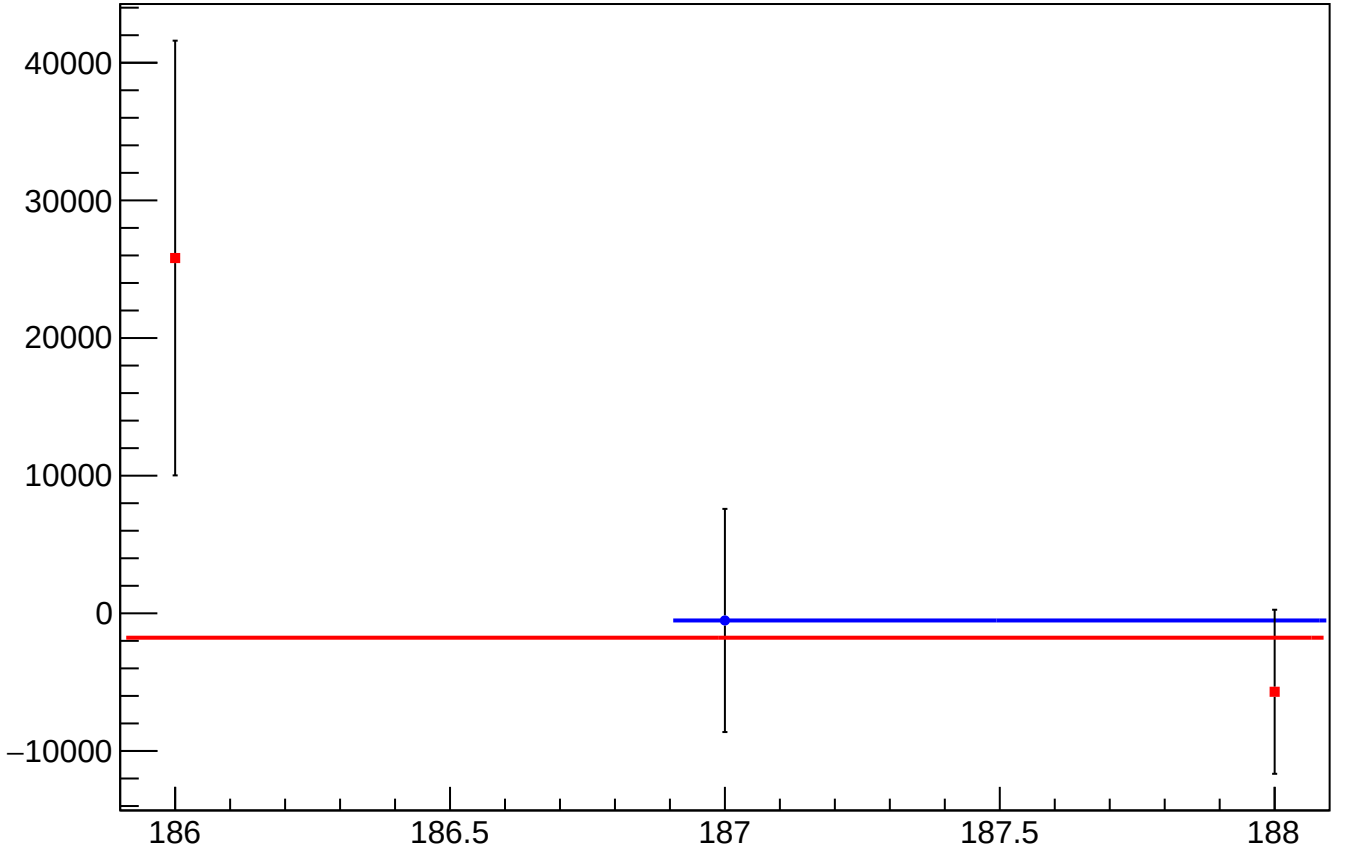
Right: 3324.068+/-3.295 χ^2/NDF: 354468.5/2

In: 3259.641+/-5.940 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3324.068+/-3.295 χ^2/NDF: 354468.5/2

asym_sam6_mean vs Slug, Sign Corrected



Right In: -518.846+/-8106.332 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1771.132+/-5575.360 χ^2/NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

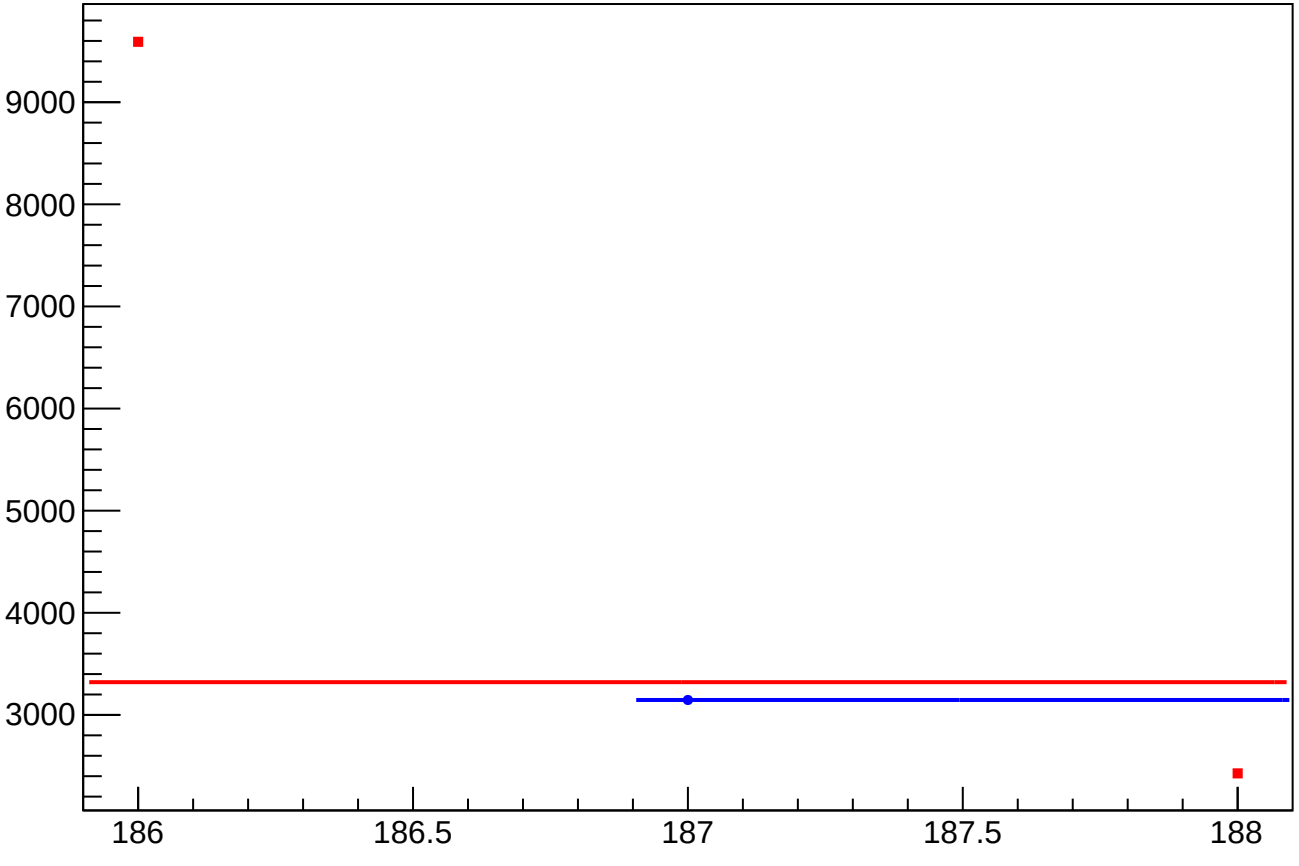
Right: -1368.984+/-4593.733 χ^2/NDF: 3.5/2

In: -518.846+/-8106.332 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1368.984+/-4593.733 χ^2/NDF: 3.5/2

asym_sam6_rms vs Slug, Sign Corrected



Right In: 3146.319+/-5.732 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3320.679+/-3.942 χ^2/NDF: 360293.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

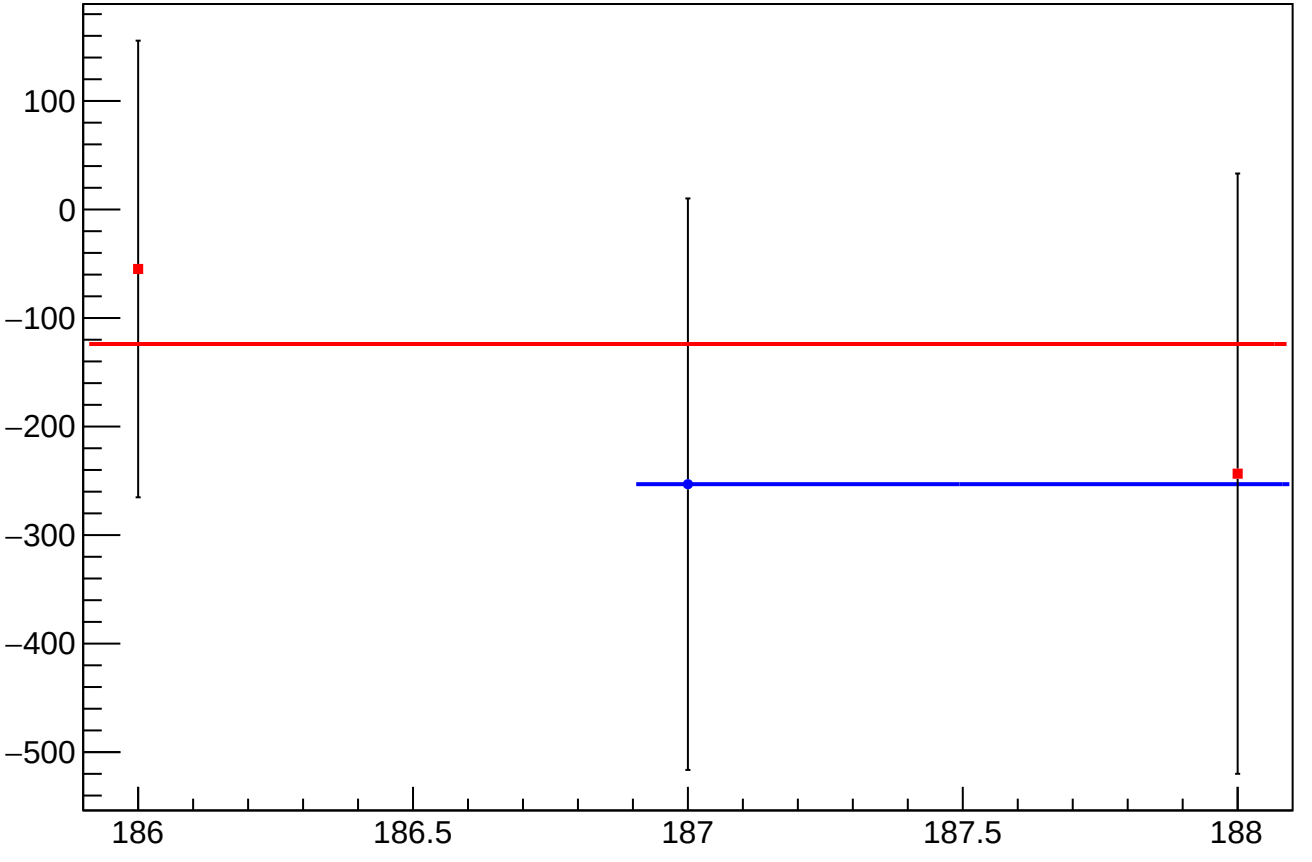
Right: 3264.687+/-3.248 χ^2/NDF: 360921.5/2

In: 3146.319+/-5.732 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3264.687+/-3.248 χ^2/NDF: 360921.5/2

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -253.096+/-263.290 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -123.947+/-167.435 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

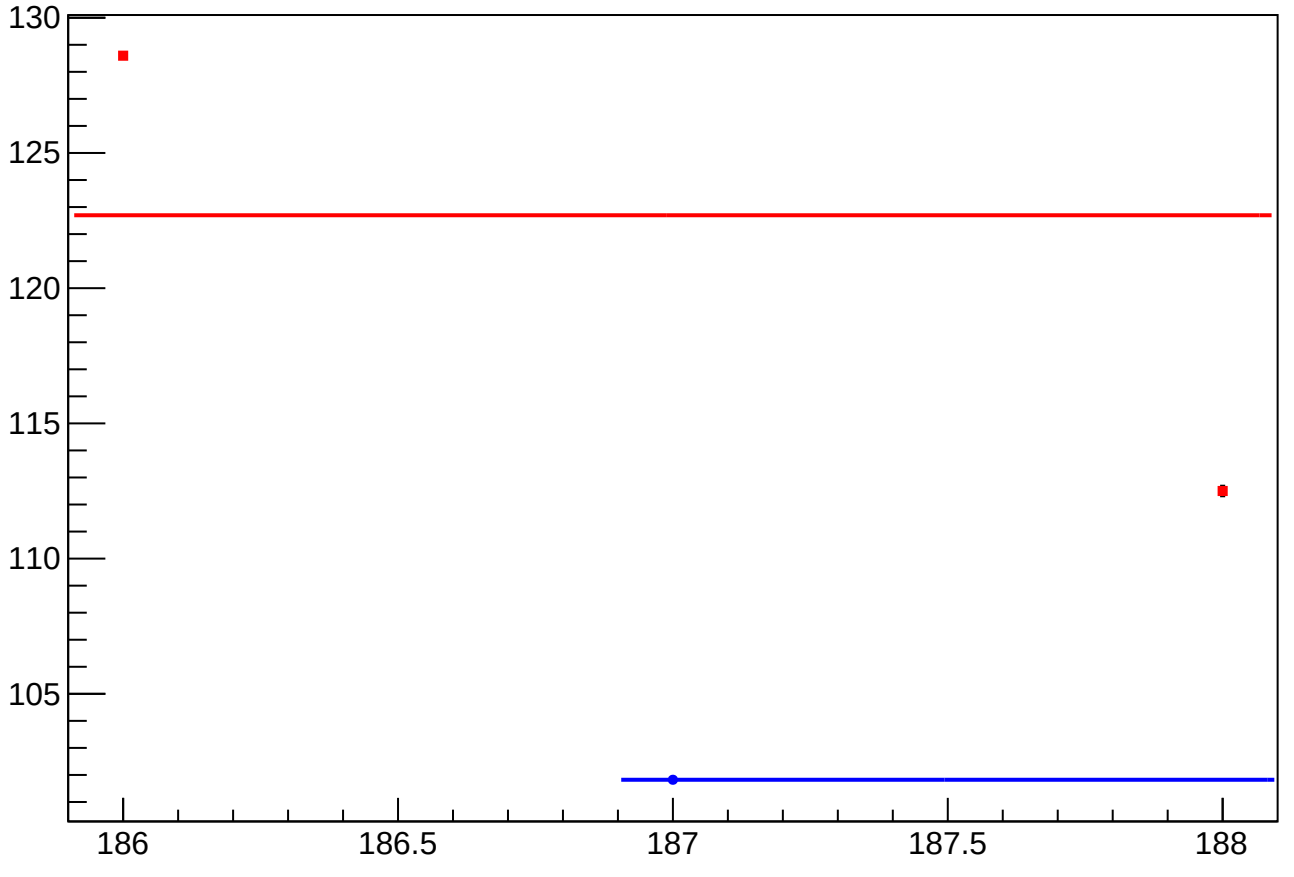
Right: -161.136+/-141.286 χ^2/NDF: 0.5/2

In: -253.096+/-263.290 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -161.136+/-141.286 χ^2/NDF: 0.5/2

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 101.822+/-0.186 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 122.697+/-0.118 χ^2/NDF: 4292.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

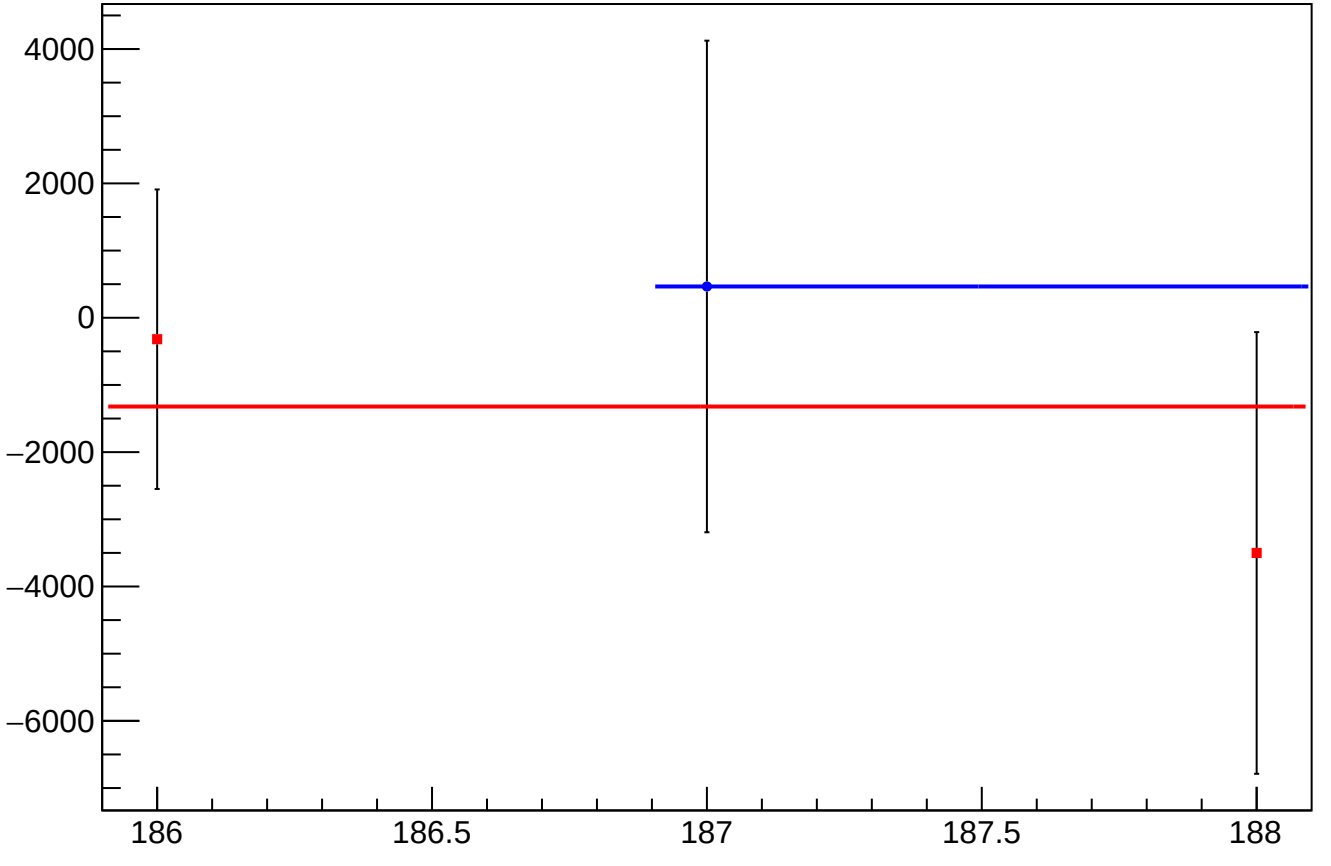
Right: 116.686+/-0.100 χ^2/NDF: 13243.8/2

In: 101.822+/-0.186 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 116.686+/-0.100 χ^2/NDF: 13243.8/2

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 465.728+/-3658.757 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1321.365+/-1844.975 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

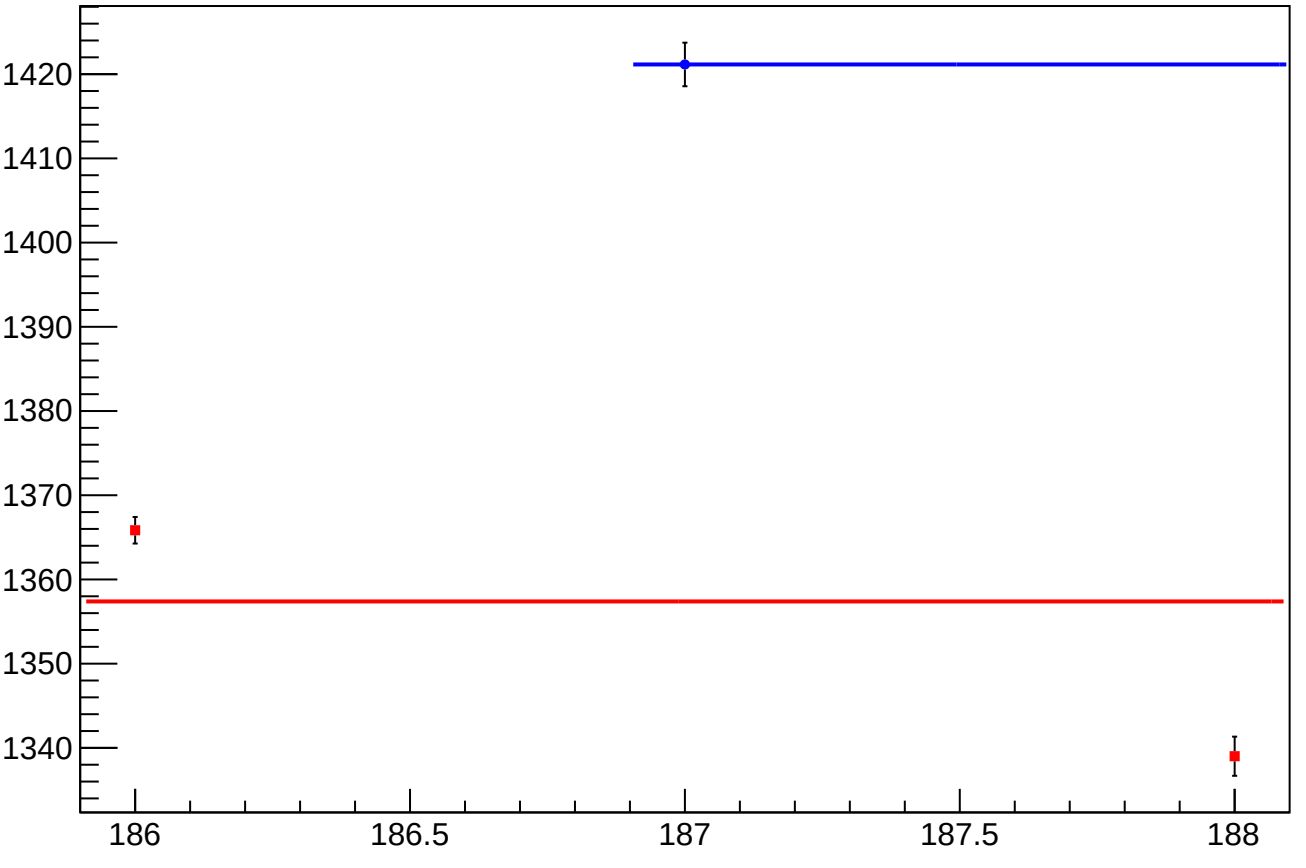
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -959.067+/-1647.377 χ^2/NDF: 0.8/2

In: 465.728+/-3658.757 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -959.067+/-1647.377 χ^2/NDF: 0.8/2



Right In: 1421.154+/-2.587 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1357.389+/-1.305 χ^2/NDF: 91.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

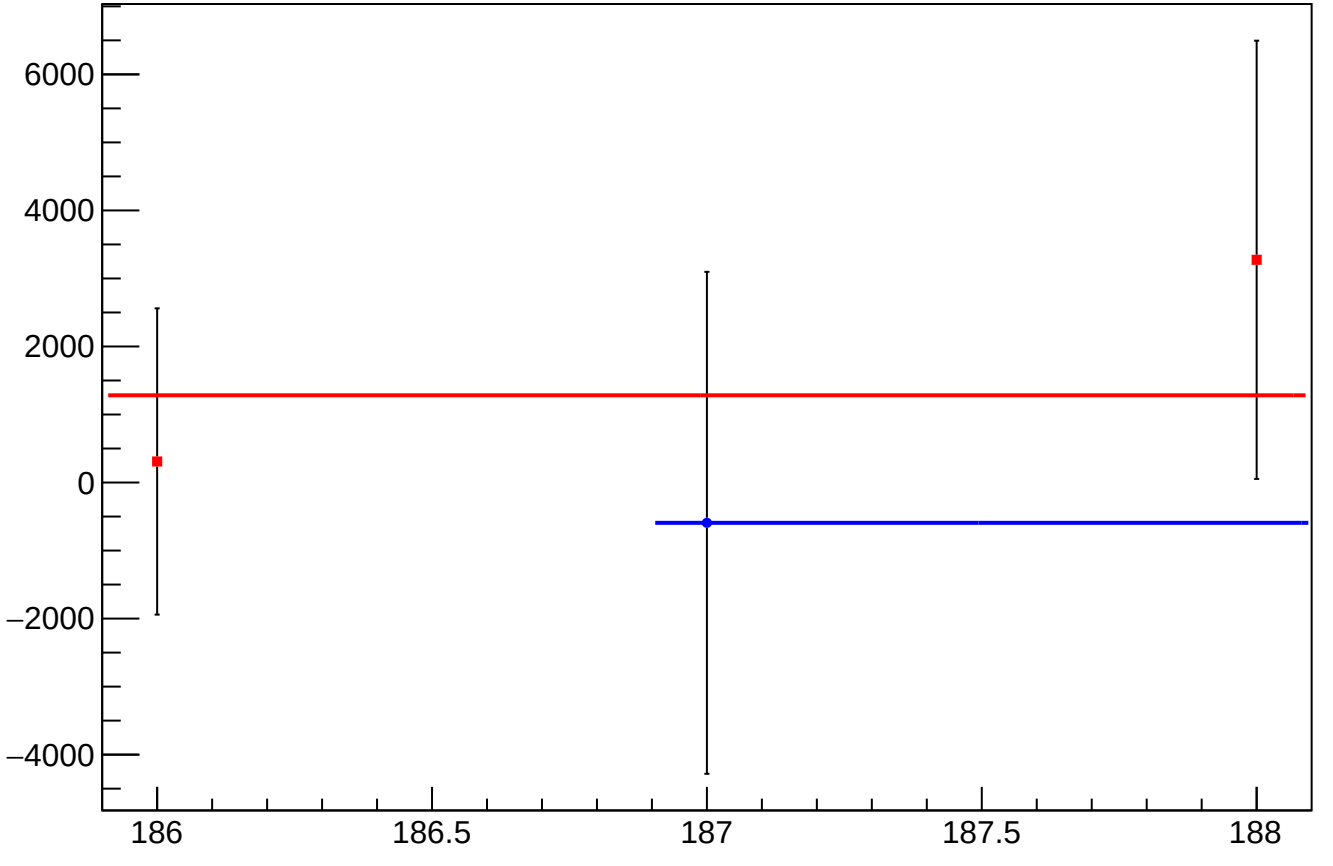
Right: 1370.316+/-1.165 χ^2/NDF: 575.6/2

In: 1421.154+/-2.587 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1370.316+/-1.165 χ^2/NDF: 575.6/2

asym_sam7_mean vs Slug, Sign Corrected



Right In: -592.307+/-3689.412 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1282.247+/-1845.178 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

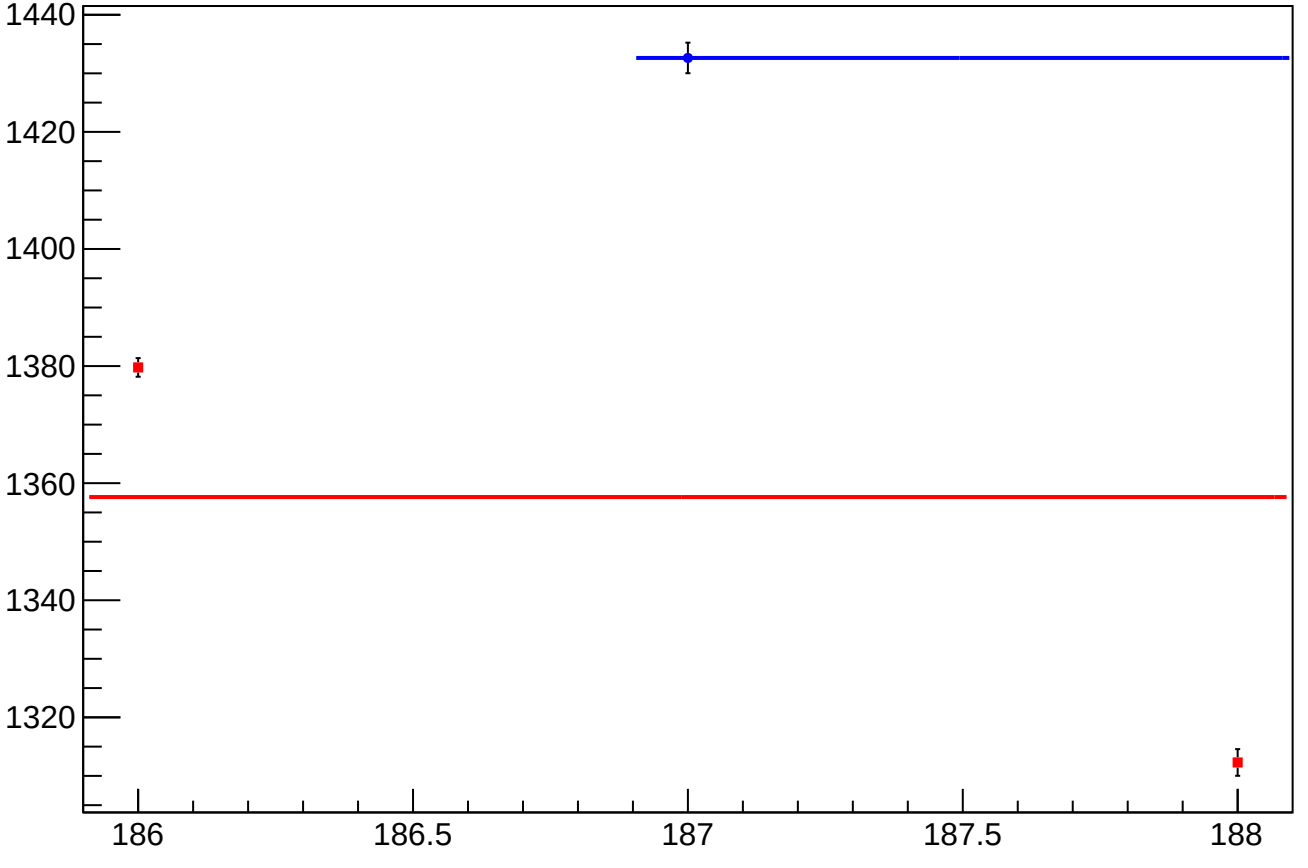
Right: 907.183+/-1650.293 χ^2/NDF: 0.8/2

In: -592.307+/-3689.412 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 907.183+/-1650.293 χ^2/NDF: 0.8/2

asym_sam7_rms vs Slug, Sign Corrected



Right In: 1432.630+/-2.609 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1357.630+/-1.305 χ^2/NDF: 589.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

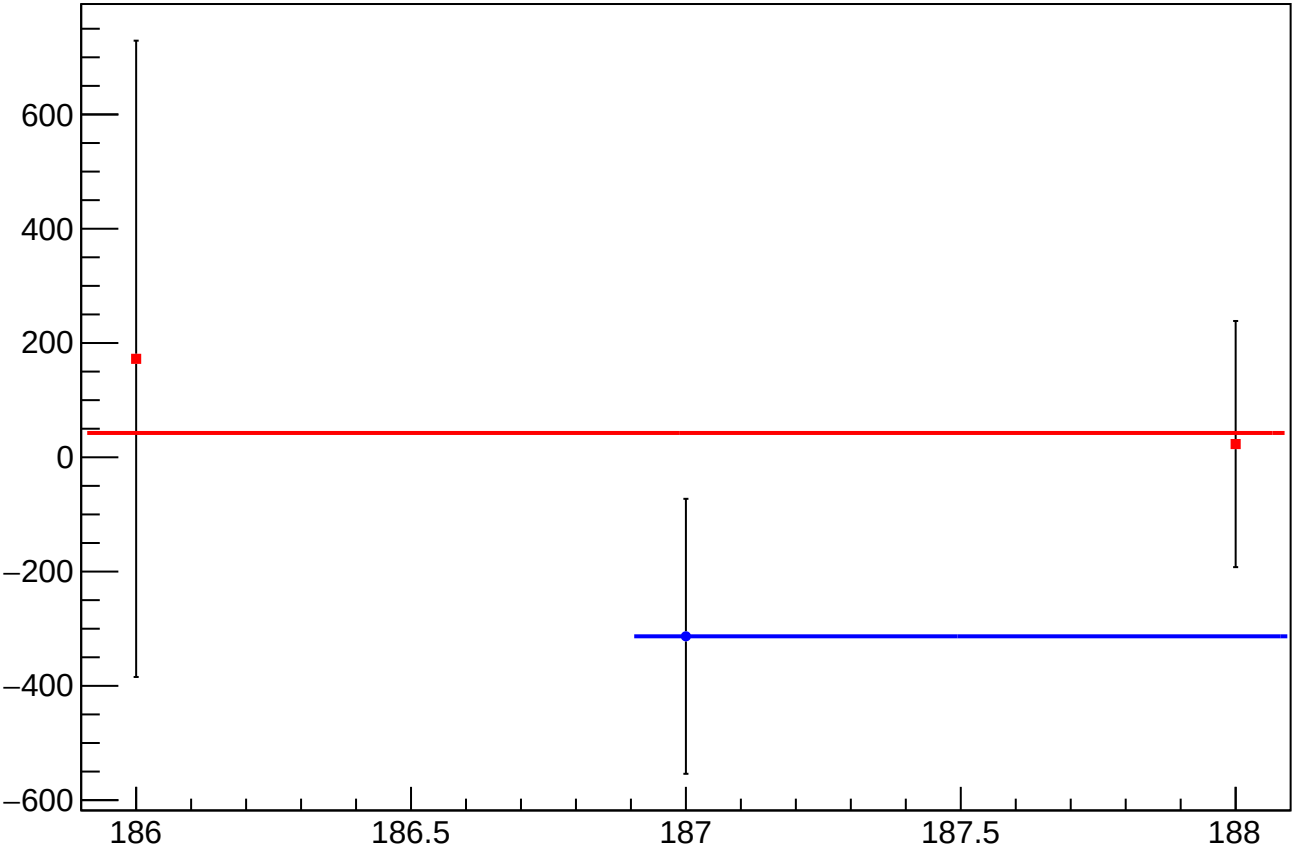
Right: 1372.636+/-1.167 χ^2/NDF: 1250.7/2

In: 1432.630+/-2.609 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1372.636+/-1.167 χ^2/NDF: 1250.7/2

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -313.293+/-240.613 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 42.578+/-200.884 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

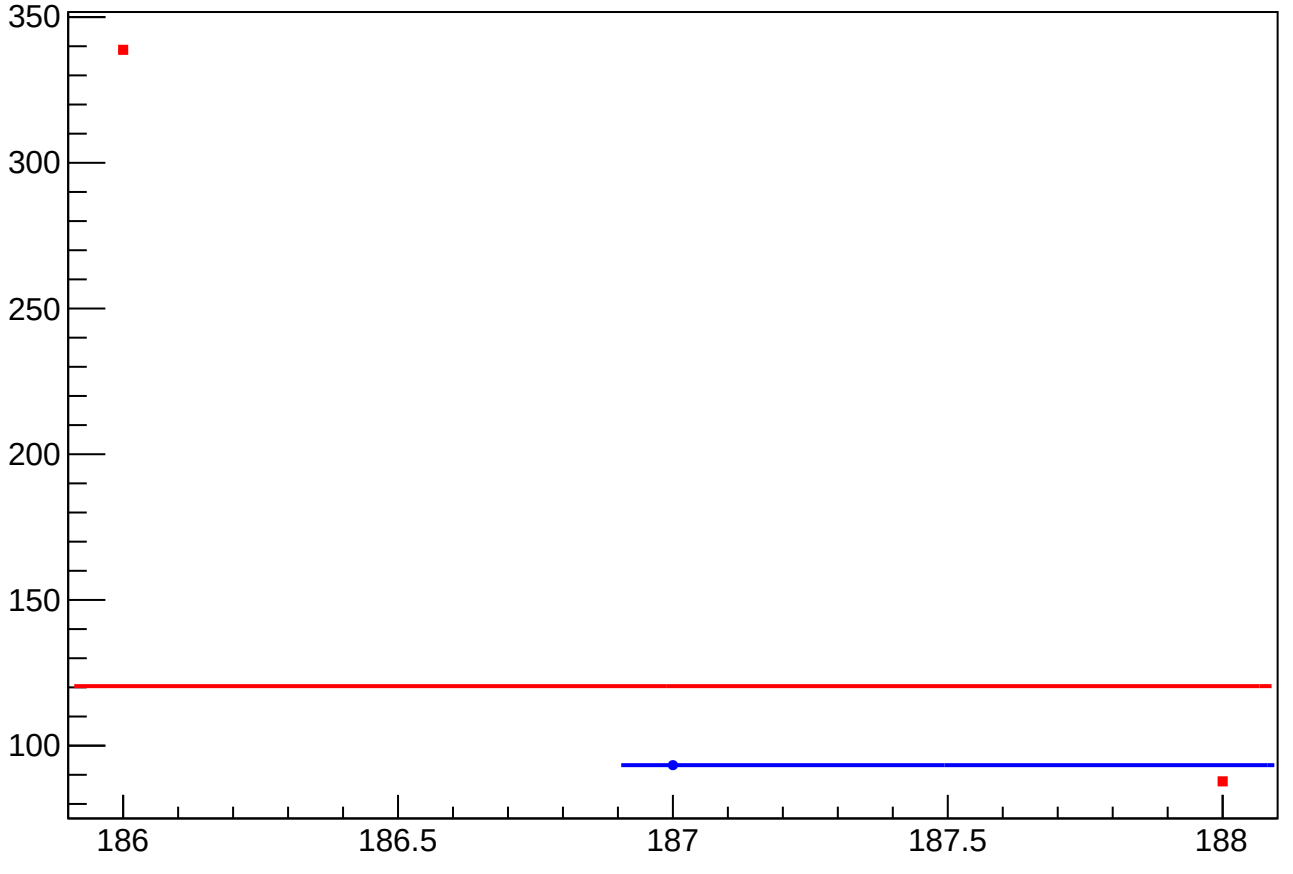
Right: -103.590+/-154.206 χ^2/NDF: 1.4/2

In: -313.293+/-240.613 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -103.590+/-154.206 χ^2/NDF: 1.4/2

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 93.308+/-0.170 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 120.426+/-0.142 χ^2/NDF: 353589.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

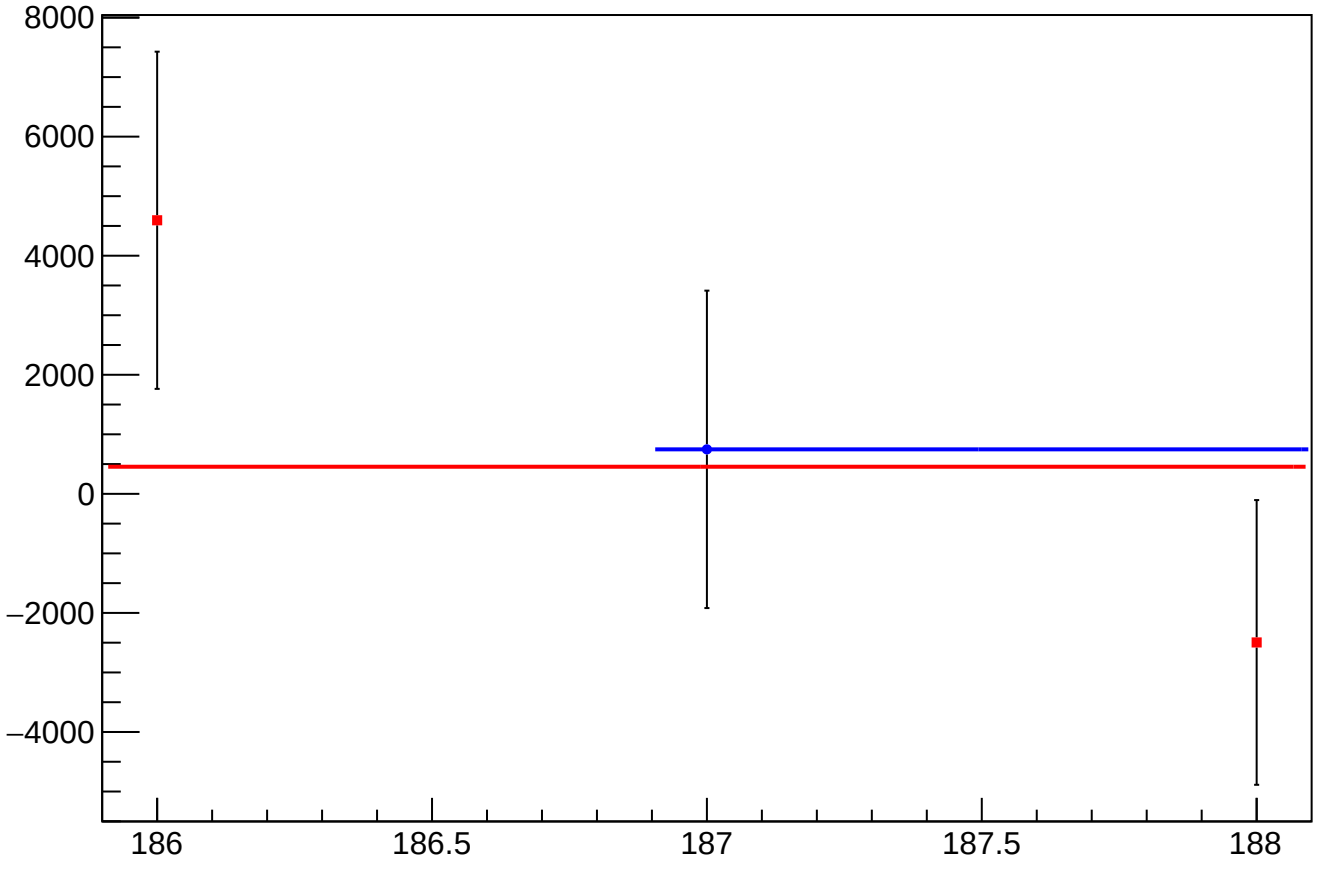
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 109.288+/-0.109 χ^2/NDF: 368559.3/2

In: 93.308+/-0.170 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 109.288+/-0.109 χ^2/NDF: 368559.3/2



Right In: 747.327+/-2665.861 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 455.416+/-1826.999 χ^2/NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

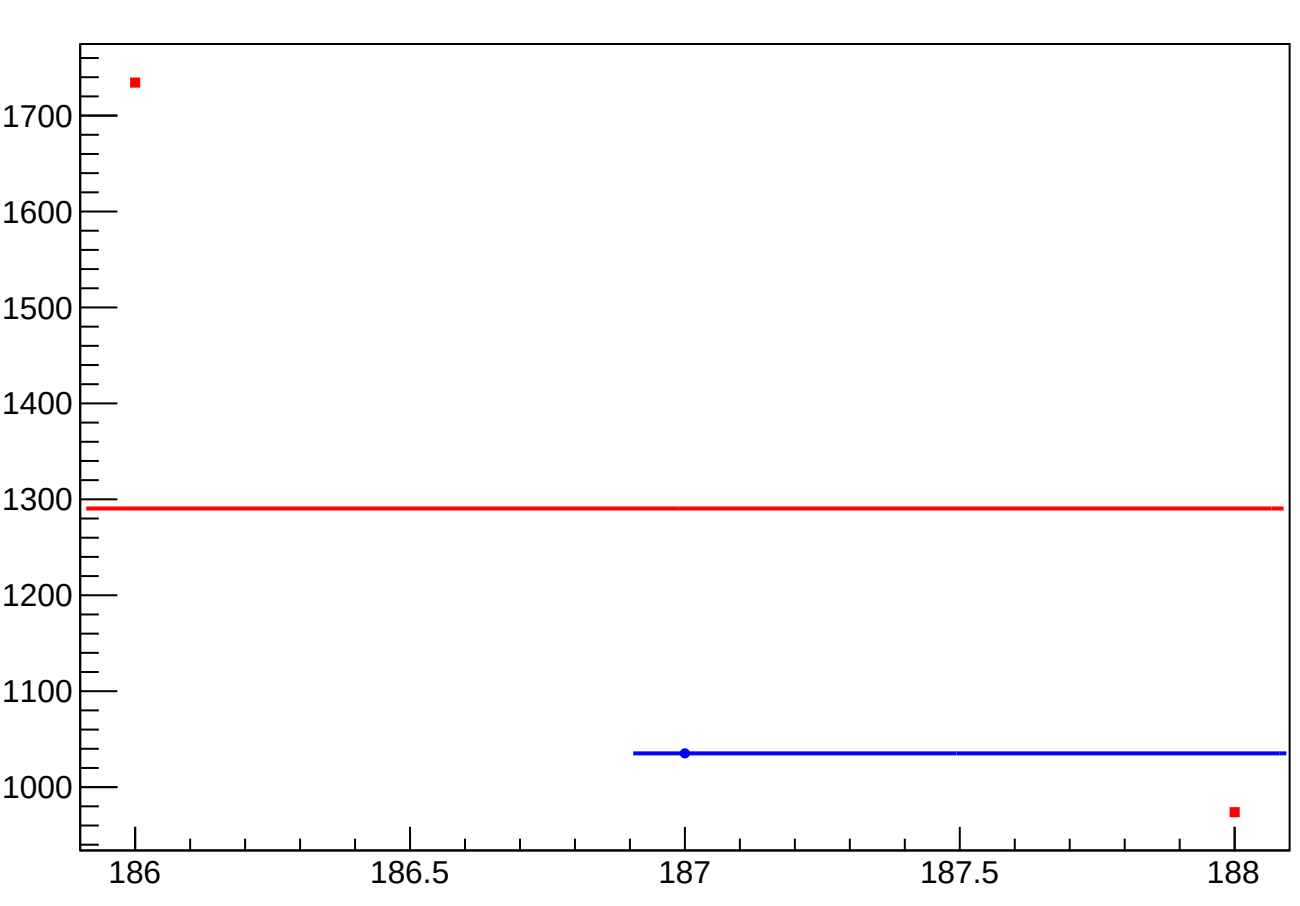
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 548.705+/-1507.048 χ^2/NDF: 3.7/2

In: 747.327+/-2665.861 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 548.705+/-1507.048 χ^2/NDF: 3.7/2



Right In: 1035.215+/-1.885 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1290.421+/-1.292 χ^2/NDF: 84198.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

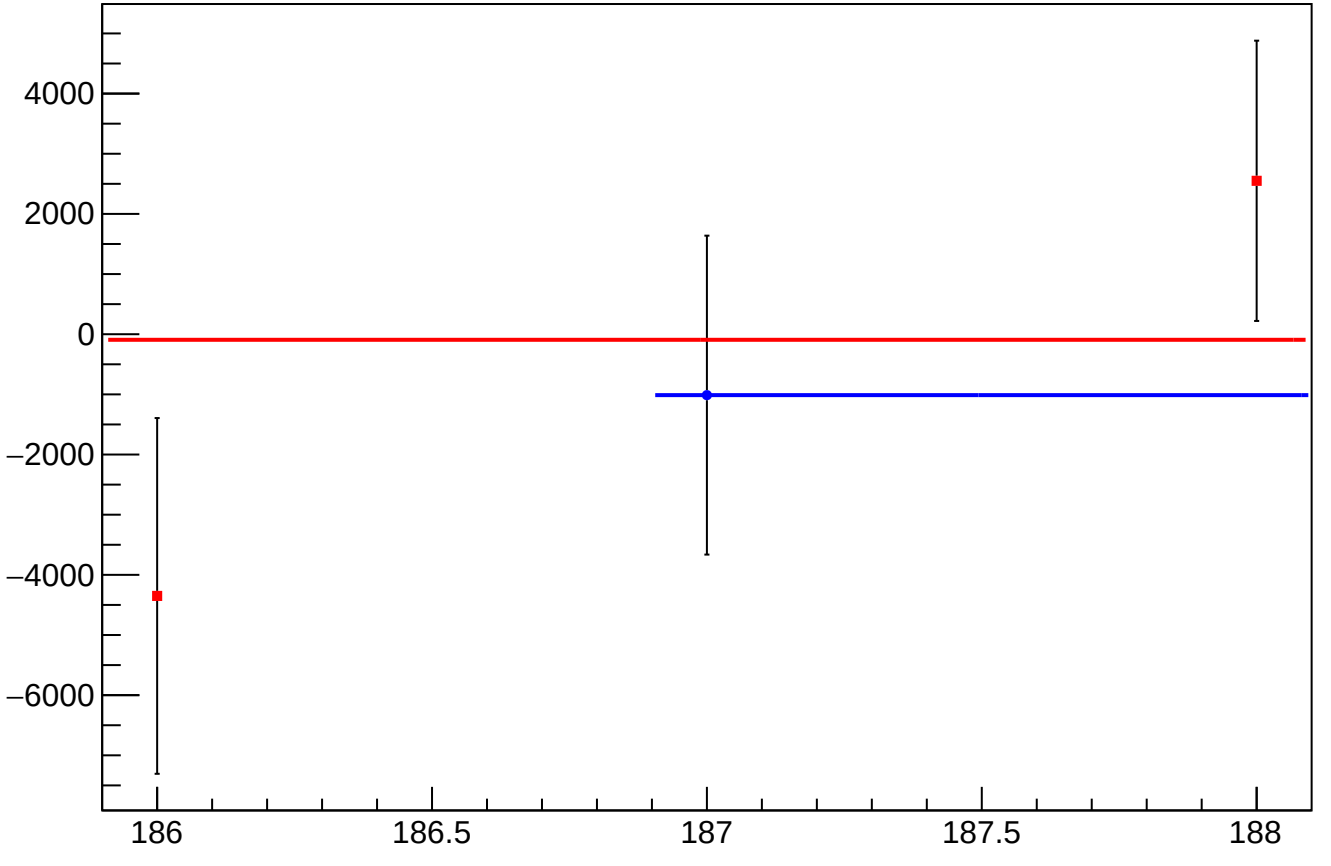
Right: 1208.863+/-1.066 χ^2/NDF: 96670.2/2

In: 1035.215+/-1.885 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1208.863+/-1.066 χ^2/NDF: 96670.2/2

asym_sam8_mean vs Slug, Sign Corrected



Right In: -1012.397+/-2650.742 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -92.658+/-1829.868 χ^2/NDF: 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

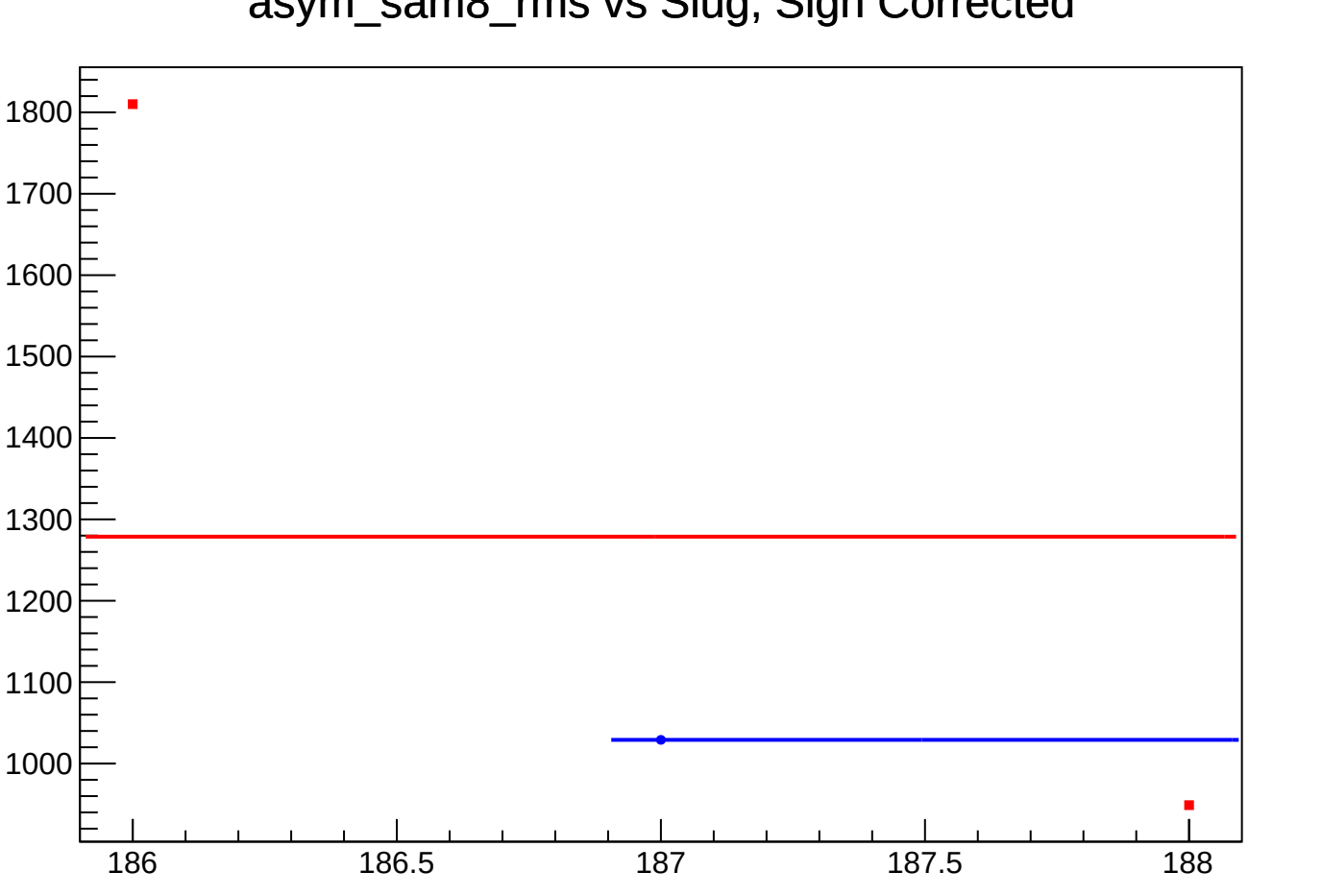
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

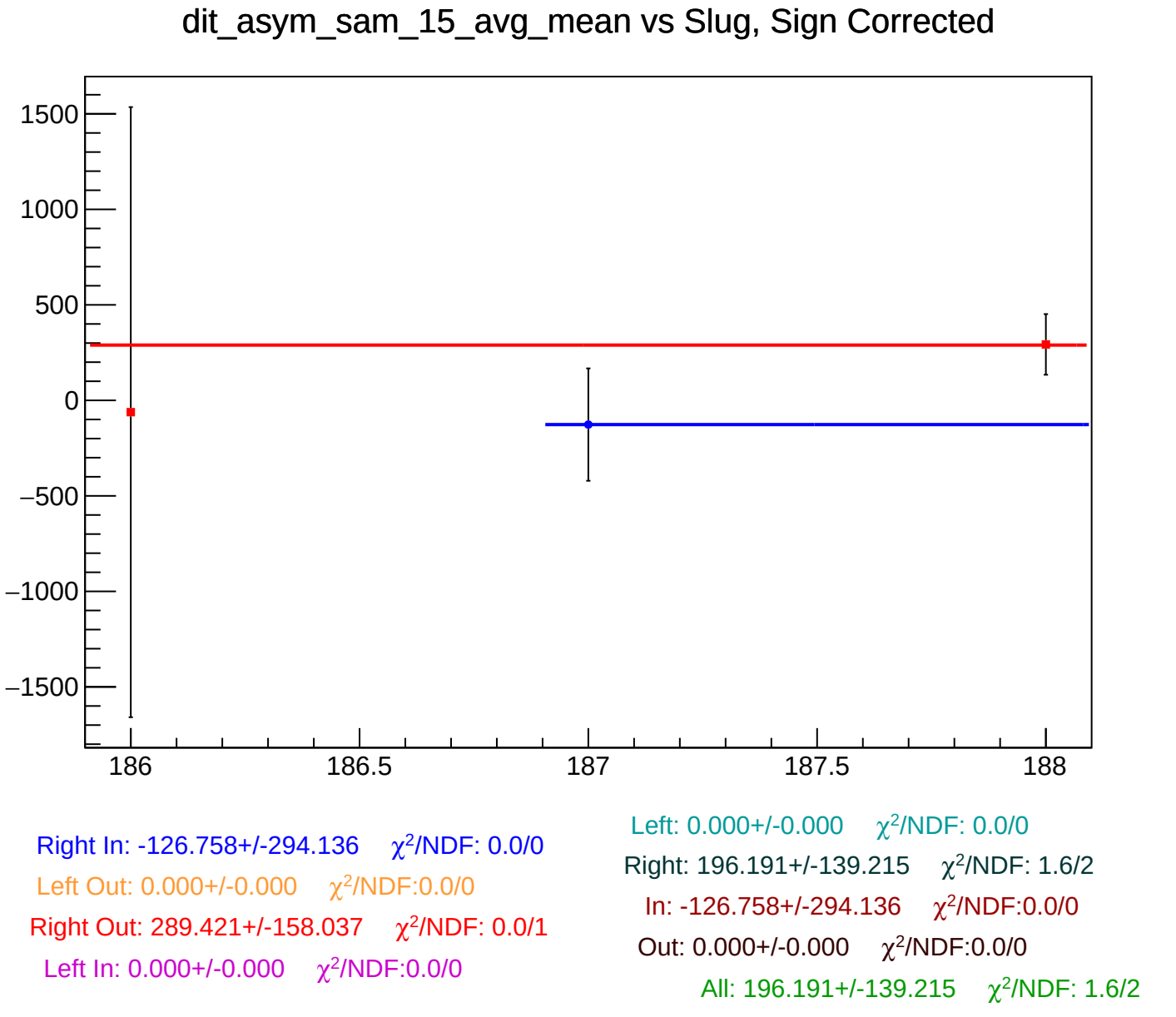
Right: -389.498+/-1505.901 χ^2/NDF: 3.4/2

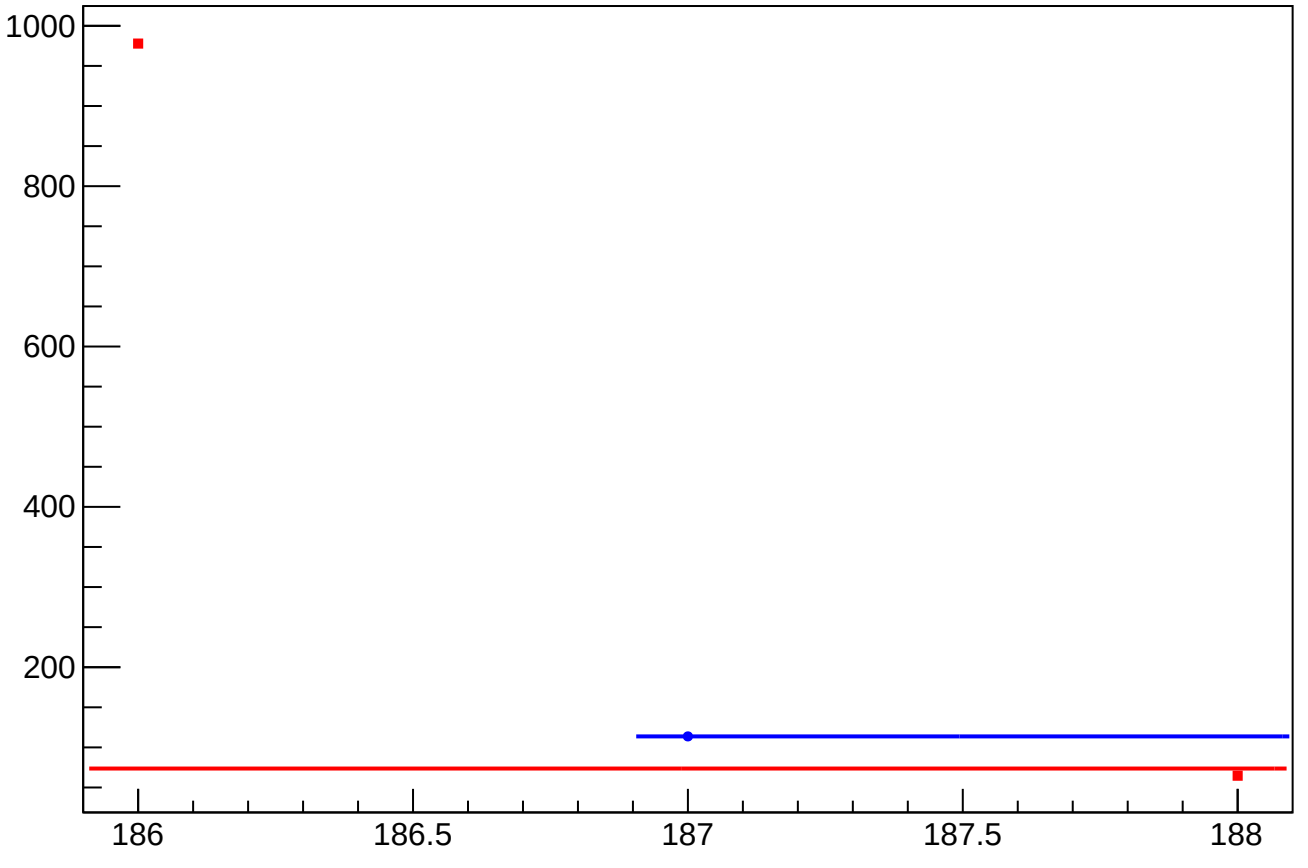
In: -1012.397+/-2650.742 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -389.498+/-1505.901 χ^2/NDF: 3.4/2


asym_sam8_rms vs Slug, Sign Corrected
1800
1700
1600
1500
1400
1300
1200
1100
1000
186
186.5
187
187.5
188
Right In: 1029.089+/-1.874 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1278.724+/-1.294 χ²/NDF: 104694.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1198.156+/-1.065 χ²/NDF: 116707.2/2
In: 1029.089+/-1.874 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1198.156+/-1.065 χ²/NDF: 116707.2/2


dit_asym_sam_15_avg_mean vs Slug, Sign Corrected
1500
1000
500
0
−500
−1000
−1500
186
186.5
187
187.5
188
Right In: -126.758+/-294.136 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 289.421+/-158.037 χ²/NDF: 0.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 196.191+/-139.215 χ²/NDF: 1.6/2
In: -126.758+/-294.136 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 196.191+/-139.215 χ²/NDF: 1.6/2



Right In: 113.719+/-0.208 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 73.634+/-0.112 χ^2/NDF: 647430.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

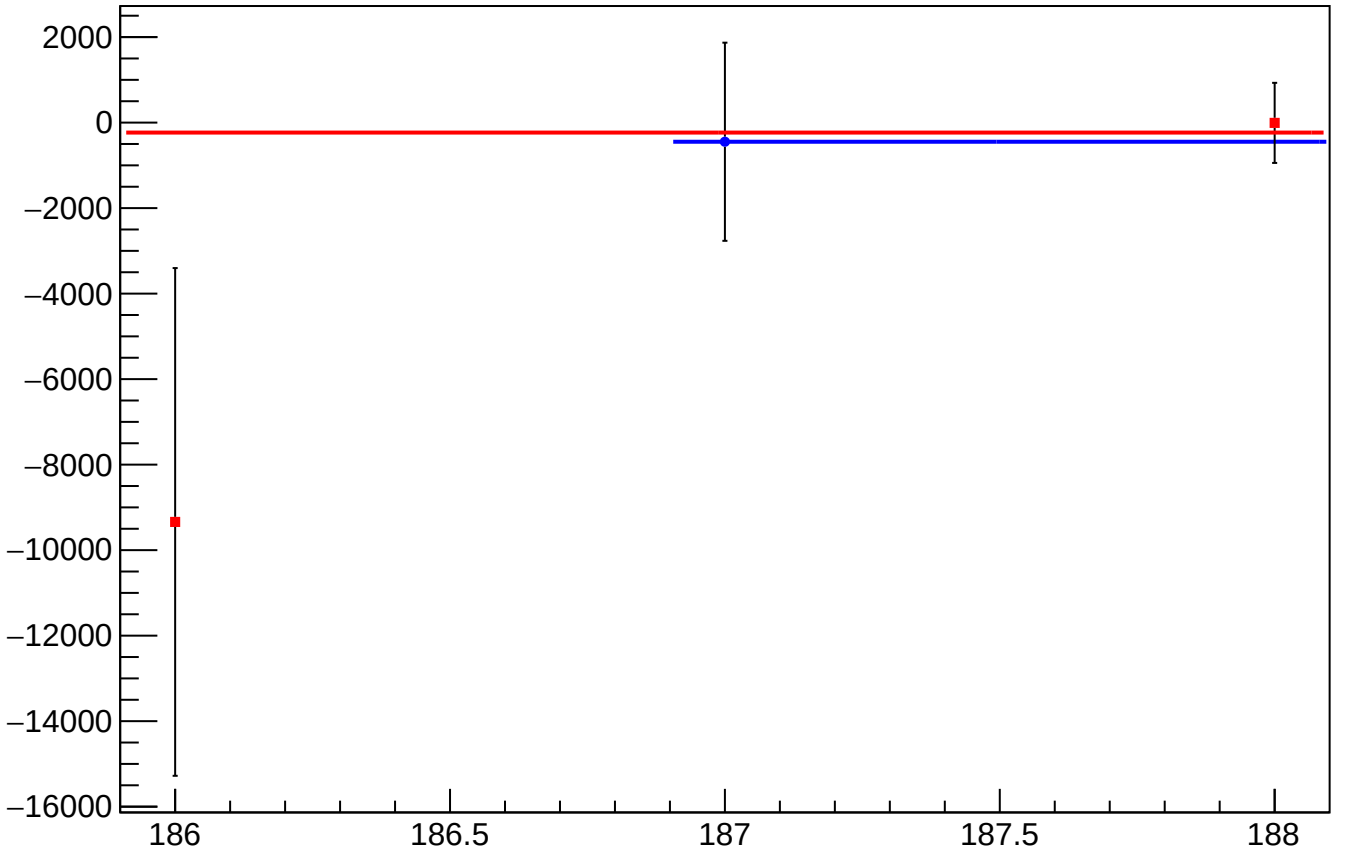
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 82.614+/-0.098 χ^2/NDF: 676254.5/2

In: 113.719+/-0.208 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 82.614+/-0.098 χ^2/NDF: 676254.5/2



Right In: -447.825+/-2317.345 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -233.155+/-925.209 χ^2/NDF: 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

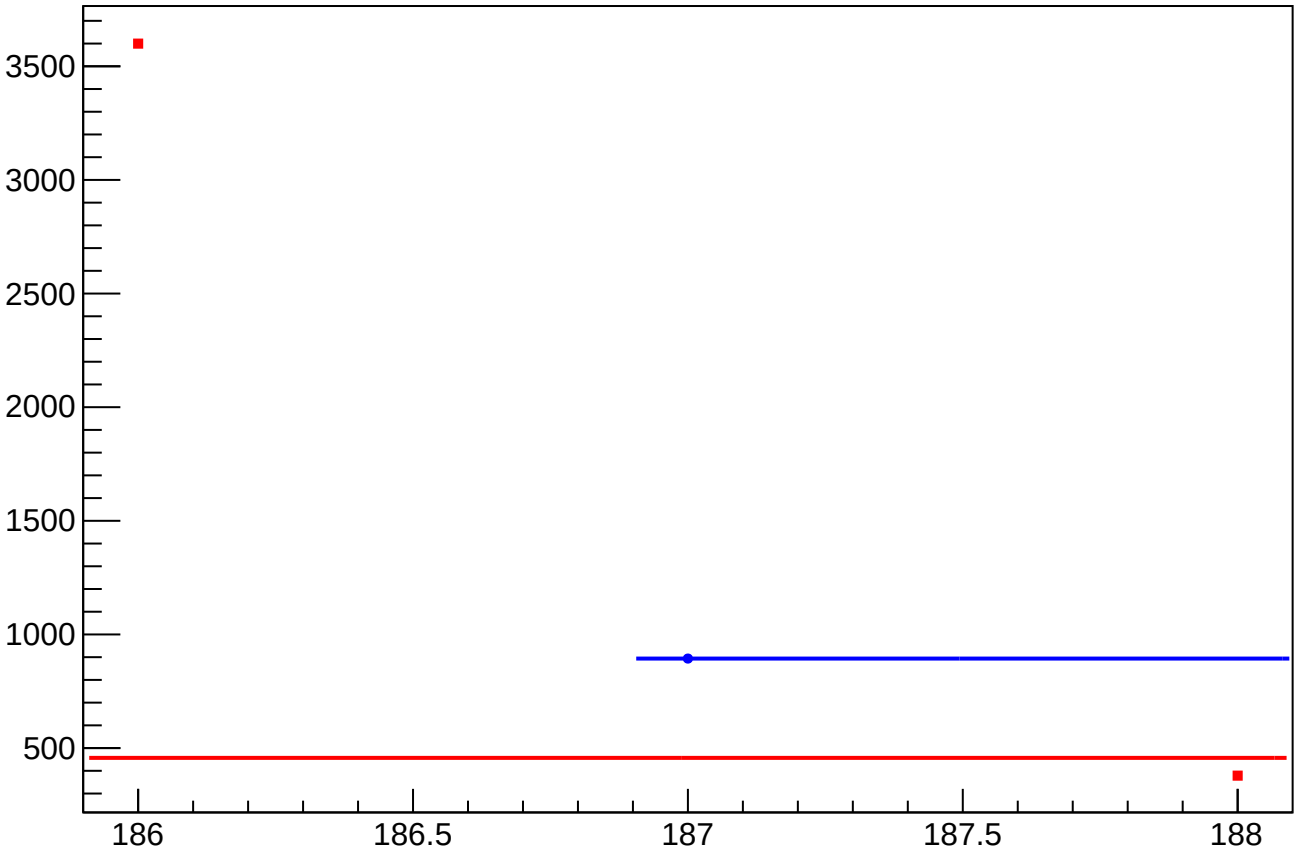
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -262.670+/-859.256 χ^2/NDF: 2.4/2

In: -447.825+/-2317.345 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -262.670+/-859.256 χ^2/NDF: 2.4/2



Right In: 893.877+/-1.639 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 456.914+/-0.654 χ^2/NDF: 574229.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

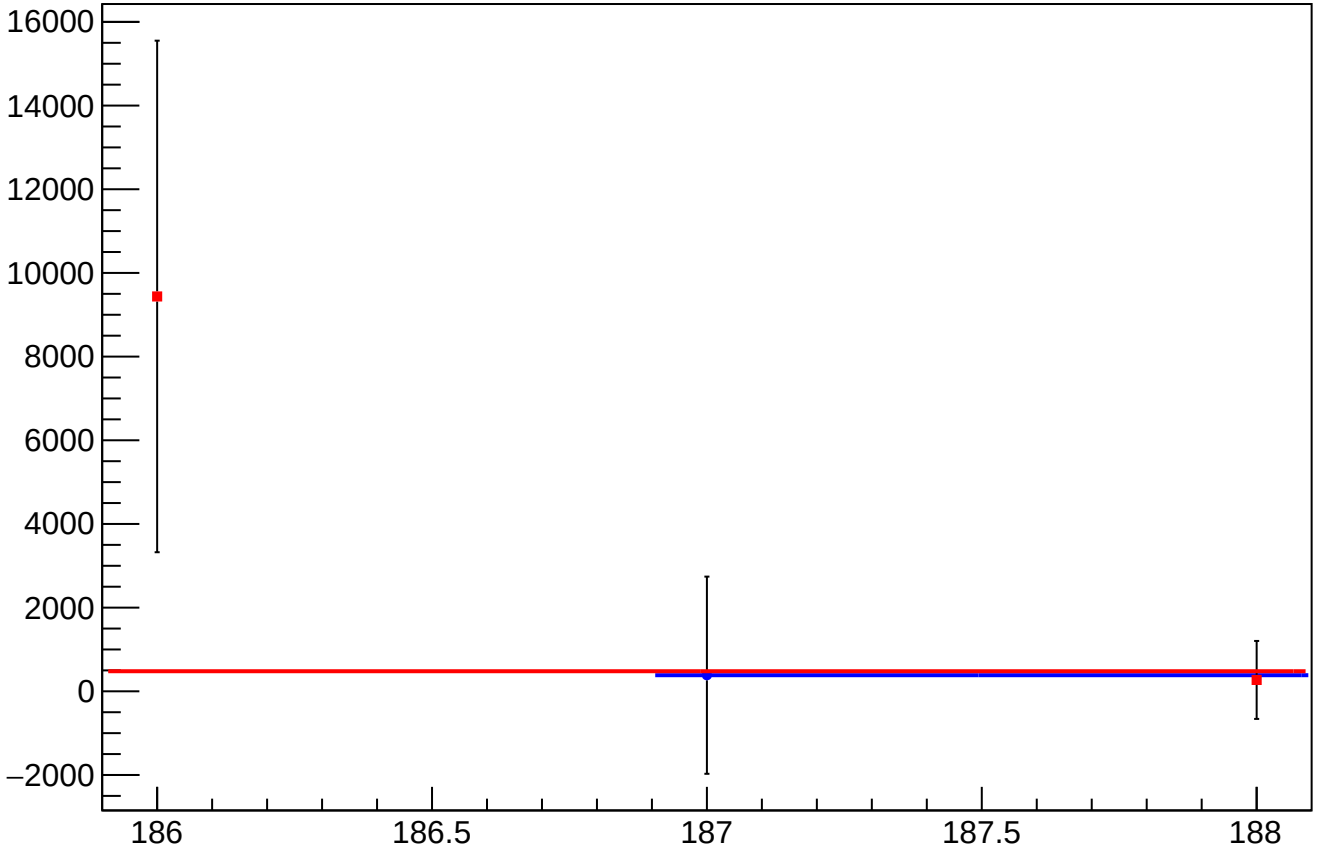
Right: 516.991+/-0.608 χ^2/NDF: 635563.2/2

In: 893.877+/-1.639 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 516.991+/-0.608 χ^2/NDF: 635563.2/2

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 384.844+/-2356.540 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 479.941+/-921.135 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

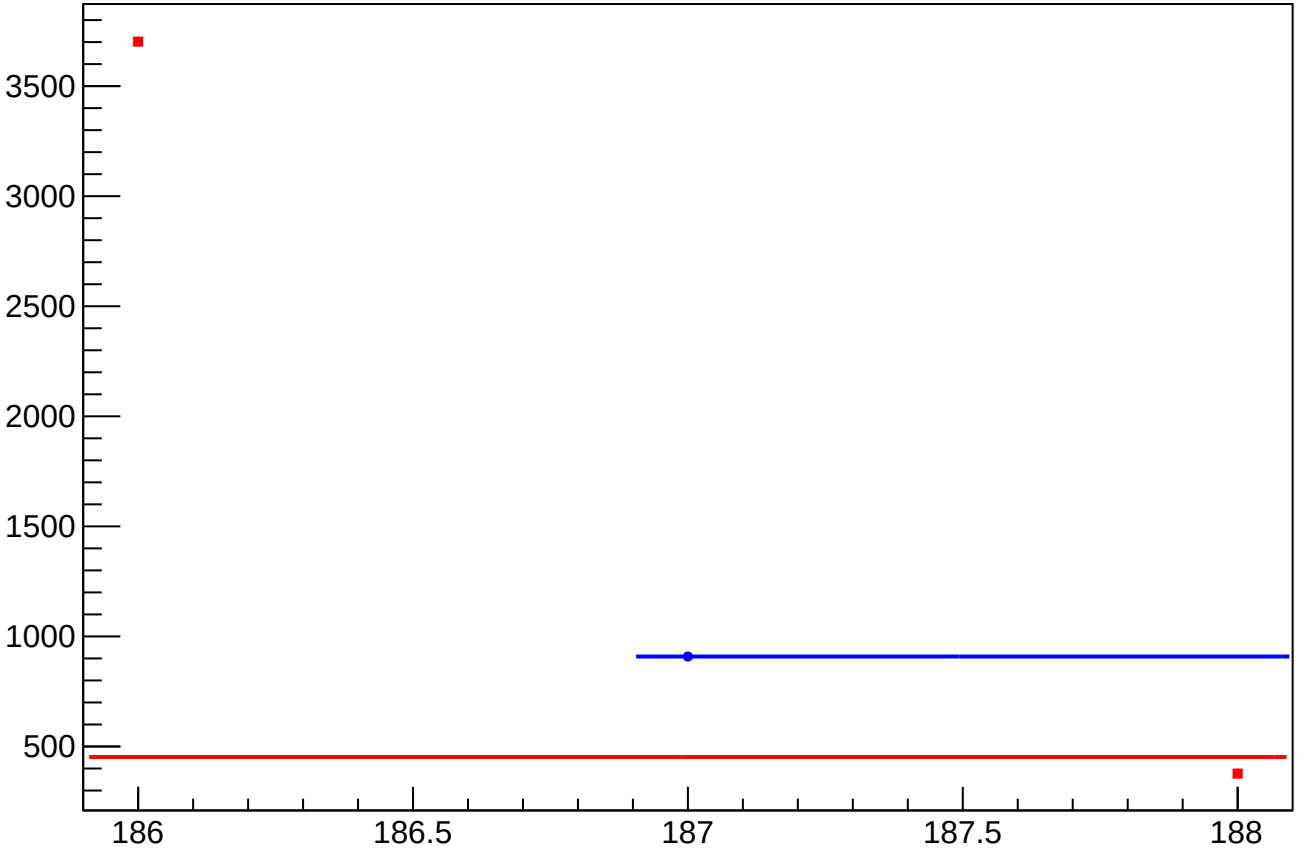
Right: 467.337+/-857.922 χ^2/NDF: 2.2/2

In: 384.844+/-2356.540 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 467.337+/-857.922 χ^2/NDF: 2.2/2

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 908.760+/-1.666 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 452.137+/-0.651 χ^2/NDF: 578320.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

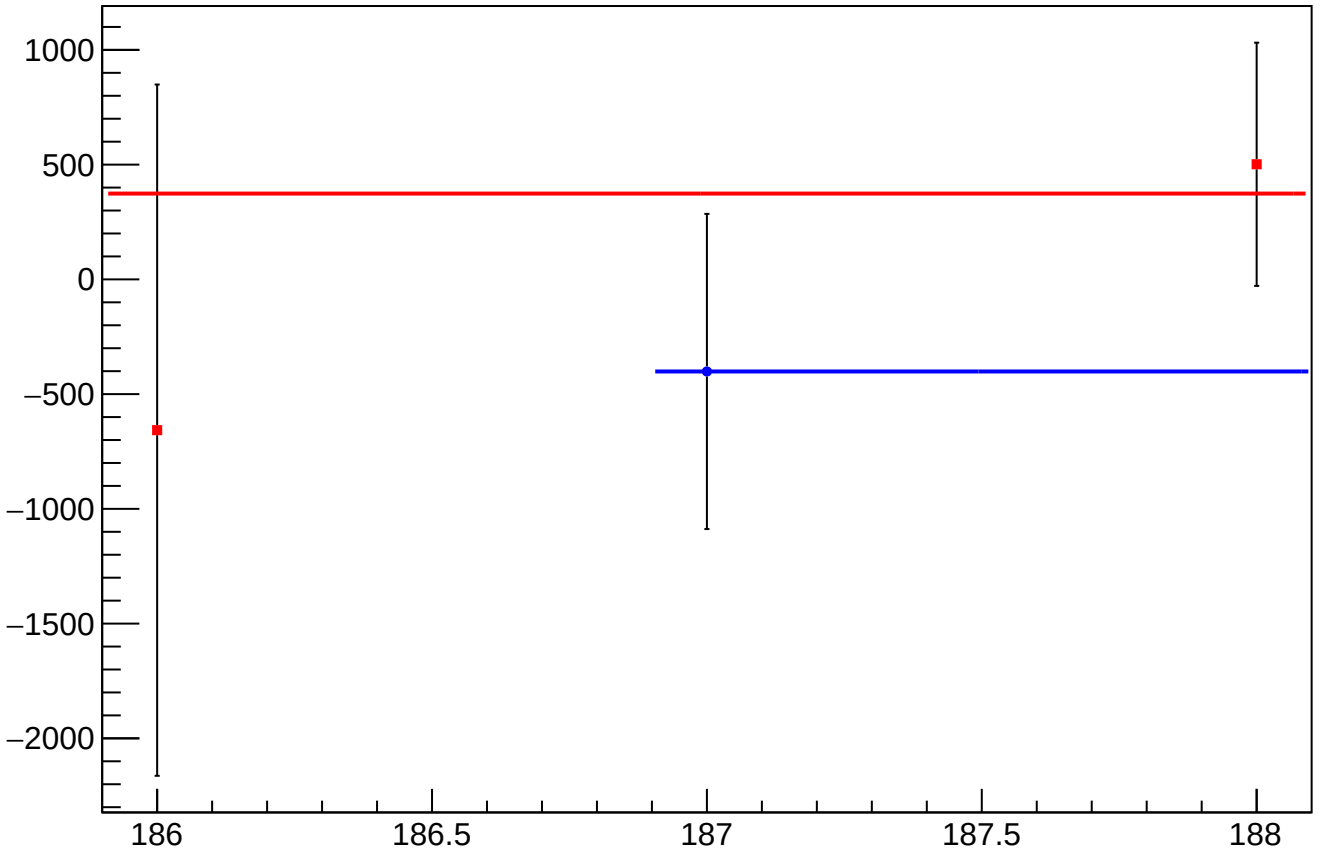
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 512.658+/-0.607 χ^2/NDF: 643460.0/2

In: 908.760+/-1.666 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 512.658+/-0.607 χ^2/NDF: 643460.0/2



Right In: -401.319+/-686.692 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 373.871+/-499.906 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

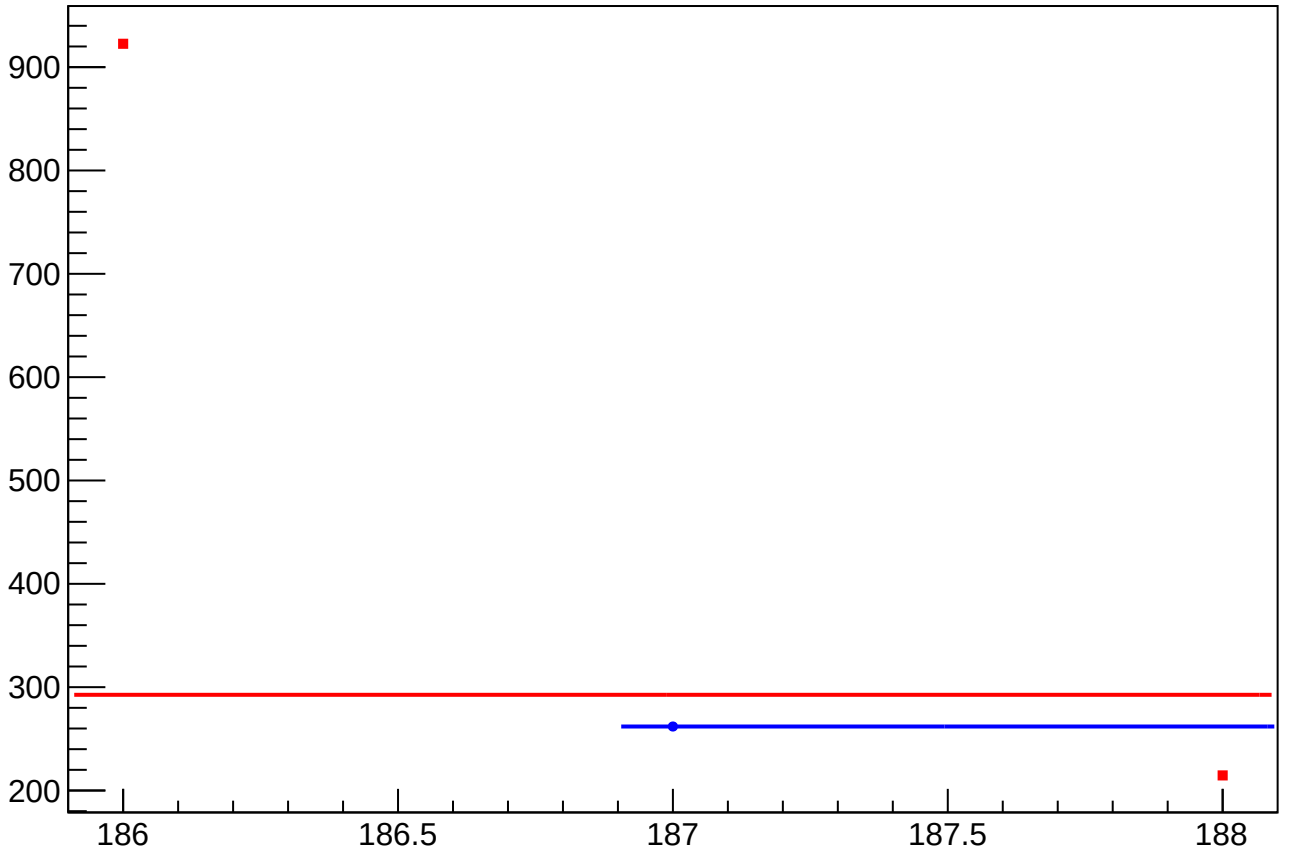
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 105.350+/-404.154 χ^2/NDF: 1.4/2

In: -401.319+/-686.692 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 105.350+/-404.154 χ^2/NDF: 1.4/2



Right In: 261.934+/-0.486 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 292.609+/-0.353 χ^2/NDF: 393269.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

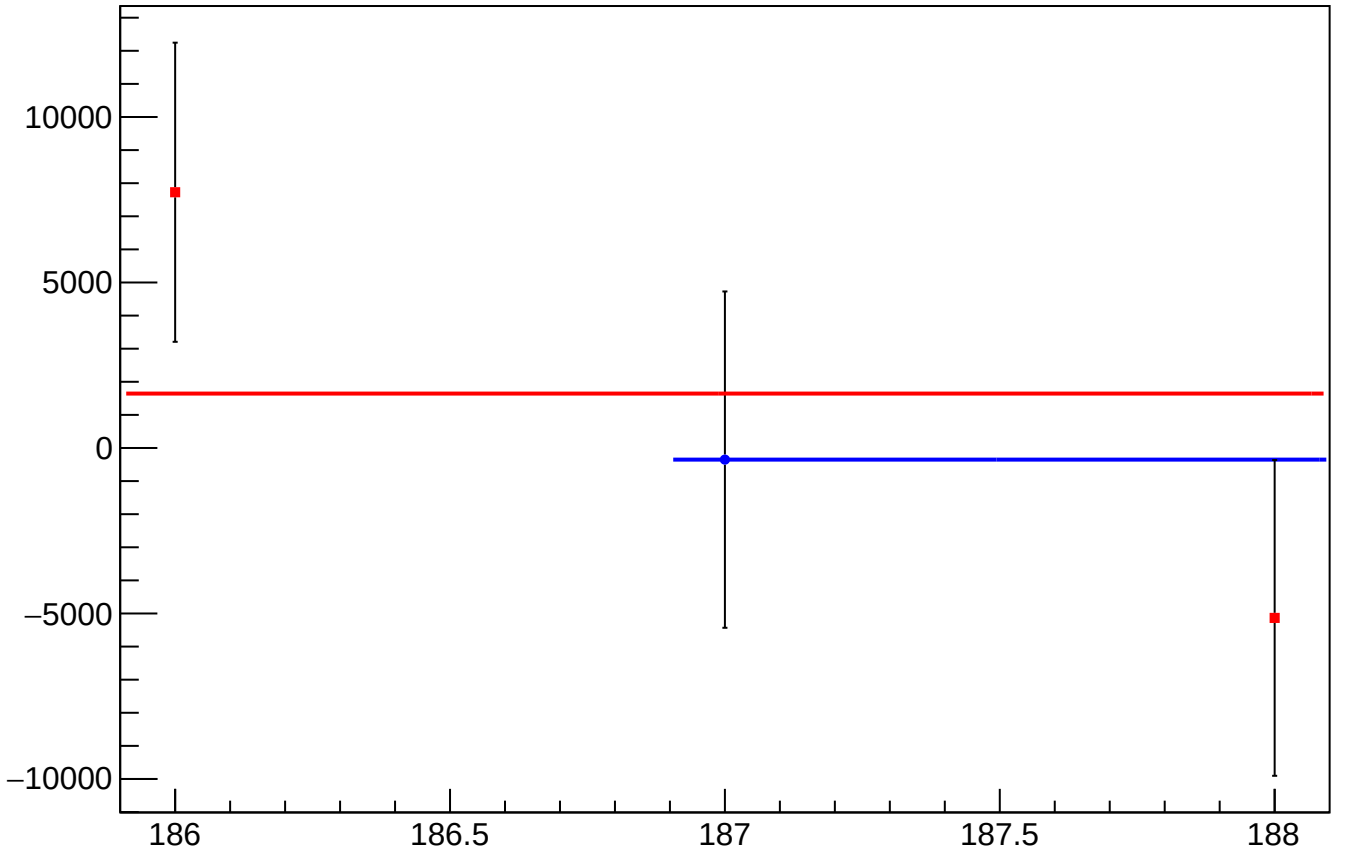
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 281.983+/-0.286 χ^2/NDF: 395877.6/2

In: 261.934+/-0.486 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 281.983+/-0.286 χ^2/NDF: 395877.6/2



Right In: -351.405+/-5080.709 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1644.006+/-3280.544 χ^2/NDF: 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

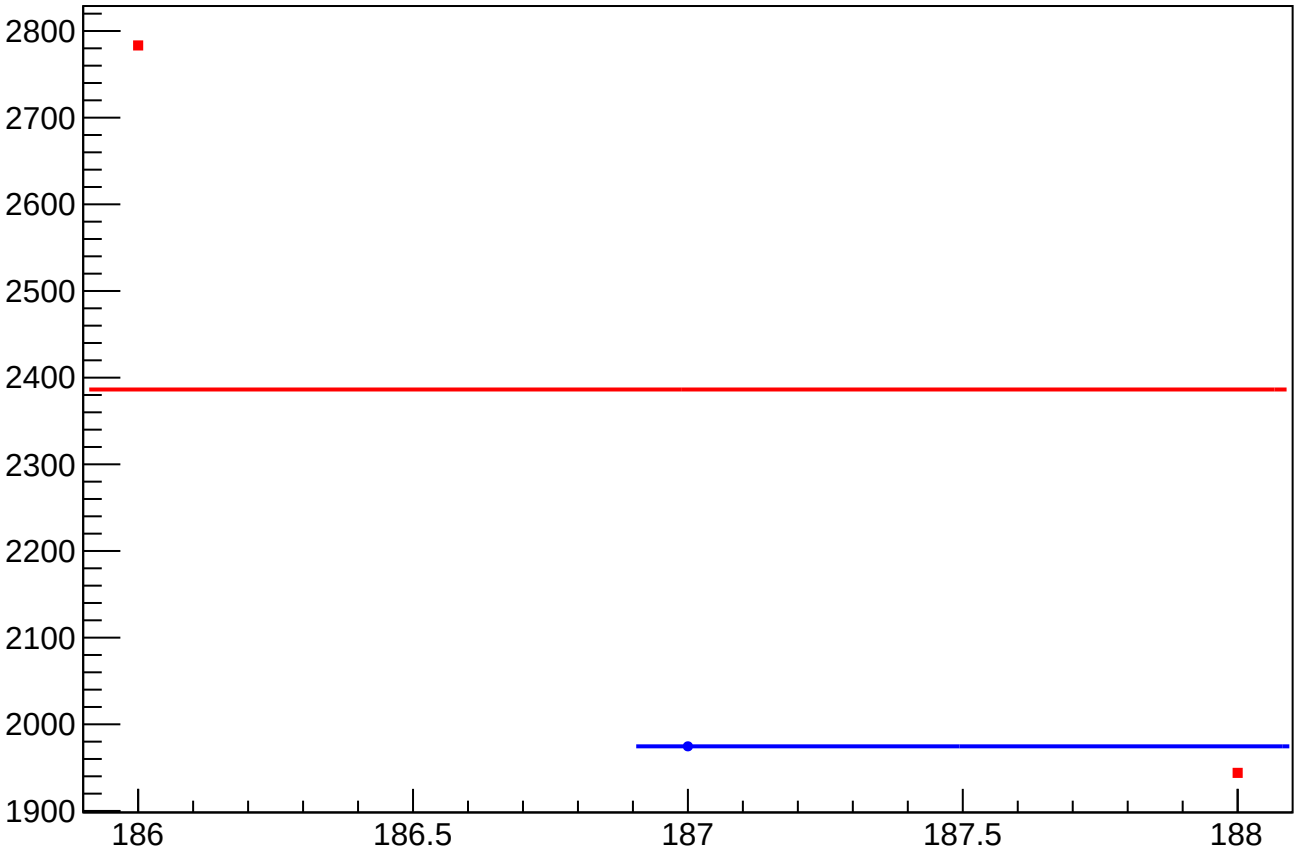
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1056.878+/-2755.971 χ^2/NDF: 3.9/2

In: -351.405+/-5080.709 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1056.878+/-2755.971 χ^2/NDF: 3.9/2



Right In: 1974.581+/-3.593 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2386.333+/-2.320 χ^2/NDF: 32637.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

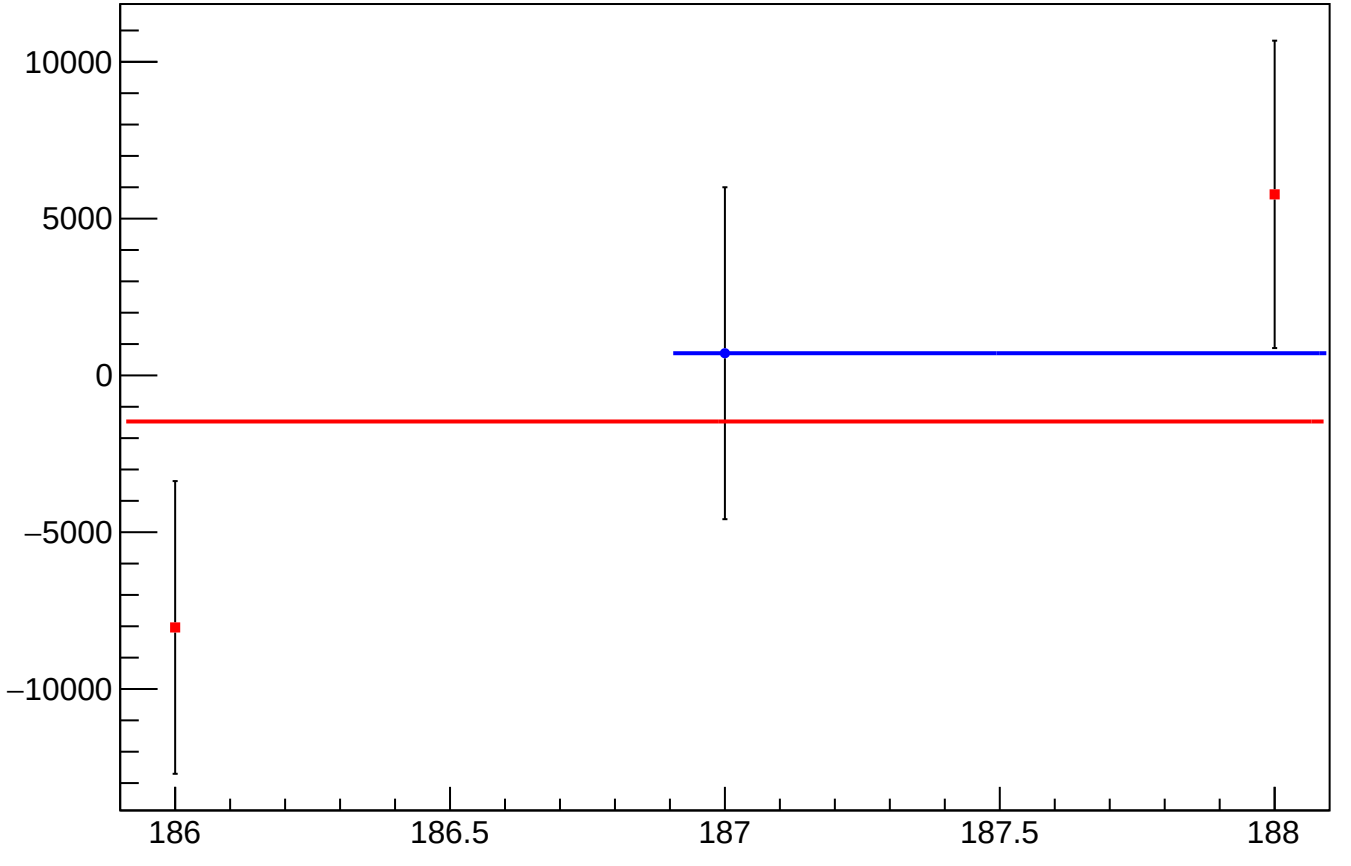
Right: 2265.180+/-1.949 χ^2/NDF: 41908.3/2

In: 1974.581+/-3.593 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2265.180+/-1.949 χ^2/NDF: 41908.3/2

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 707.944+/-5292.618 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1469.019+/-3380.025 χ^2/NDF: 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

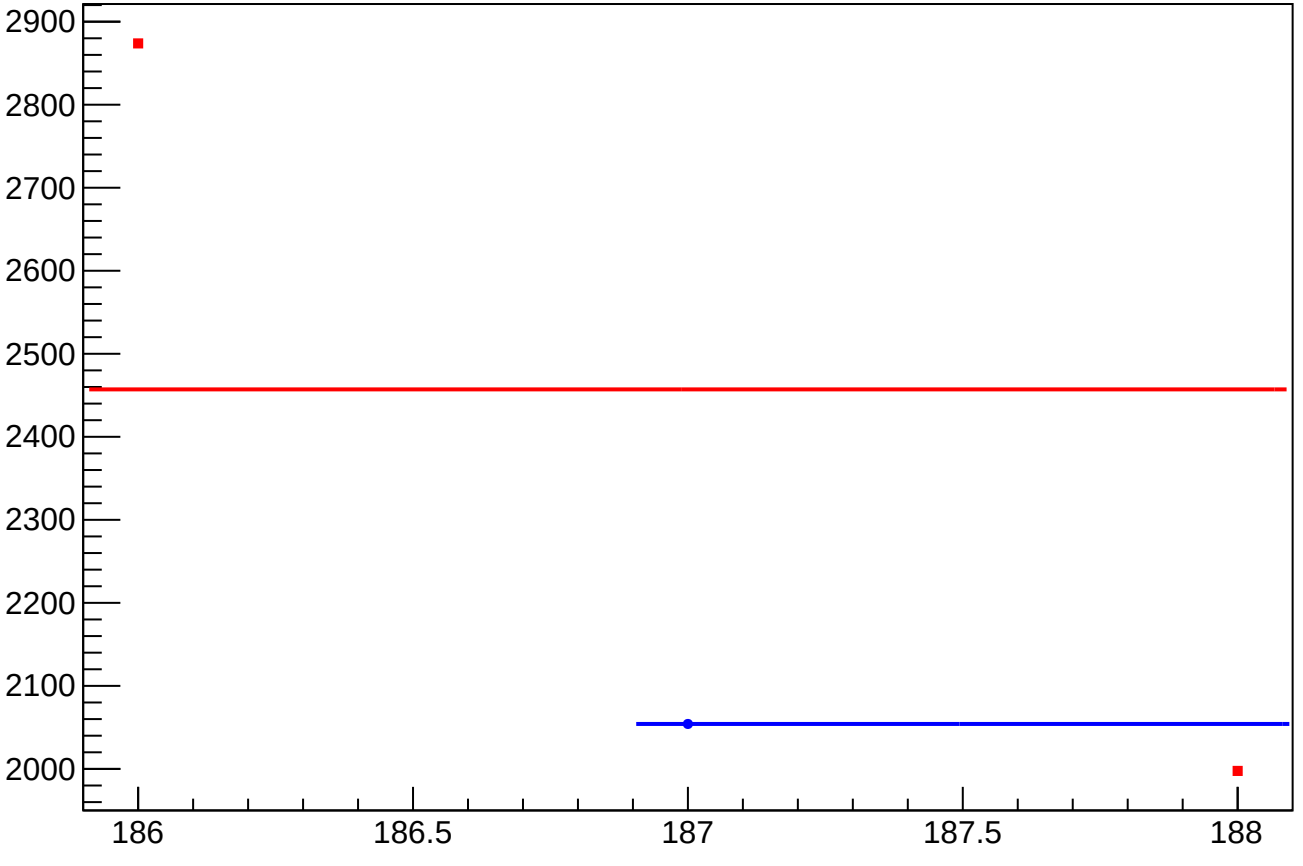
Right: -838.361+/-2848.669 χ^2/NDF: 4.3/2

In: 707.944+/-5292.618 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -838.361+/-2848.669 χ^2/NDF: 4.3/2

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2054.143+/-3.742 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2457.111+/-2.390 χ^2/NDF: 33523.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

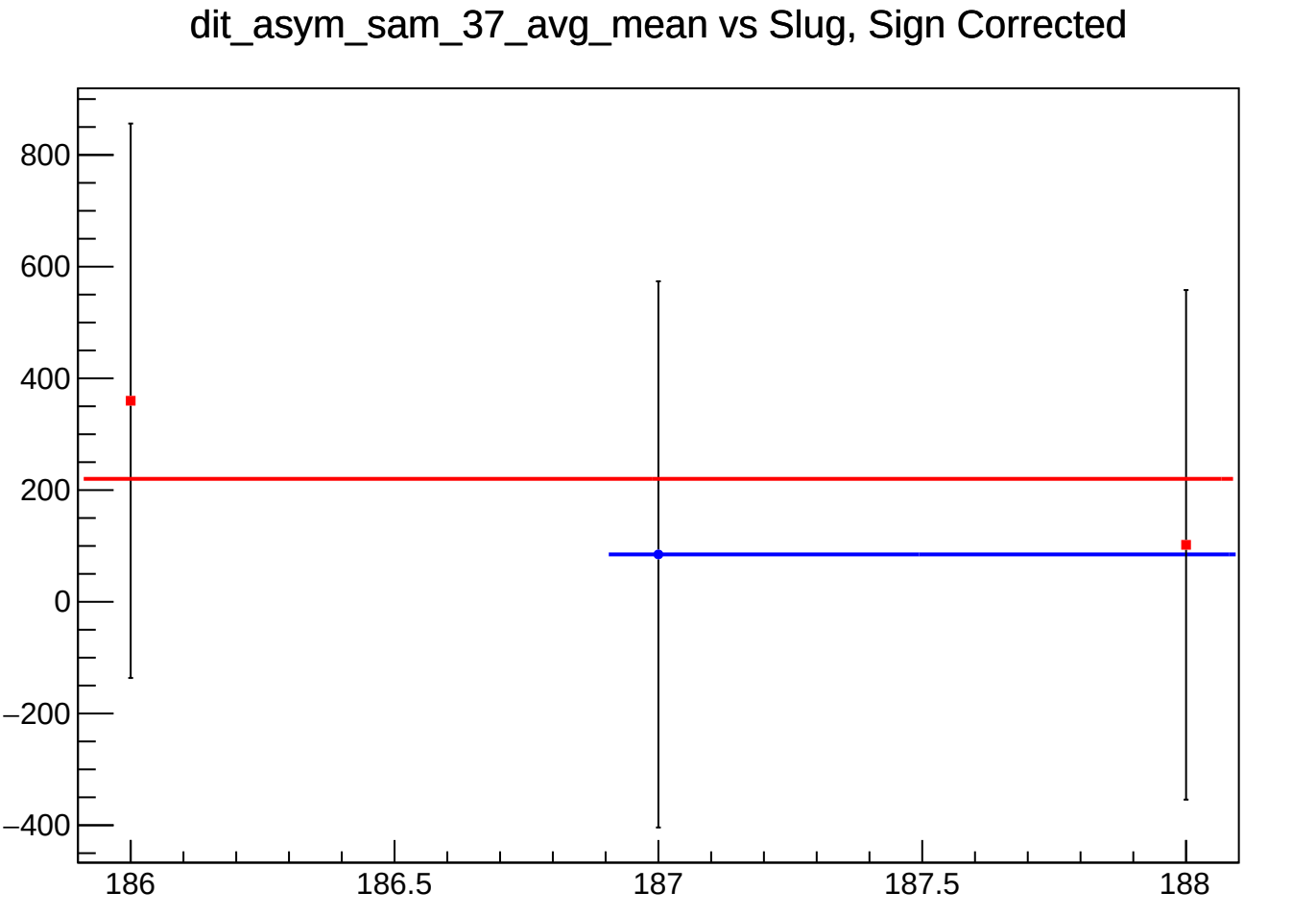
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2340.372+/-2.014 χ^2/NDF: 41759.0/2

In: 2054.143+/-3.742 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2340.372+/-2.014 χ^2/NDF: 41759.0/2



Right In: 84.860+/-488.855 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 220.117+/-335.830 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

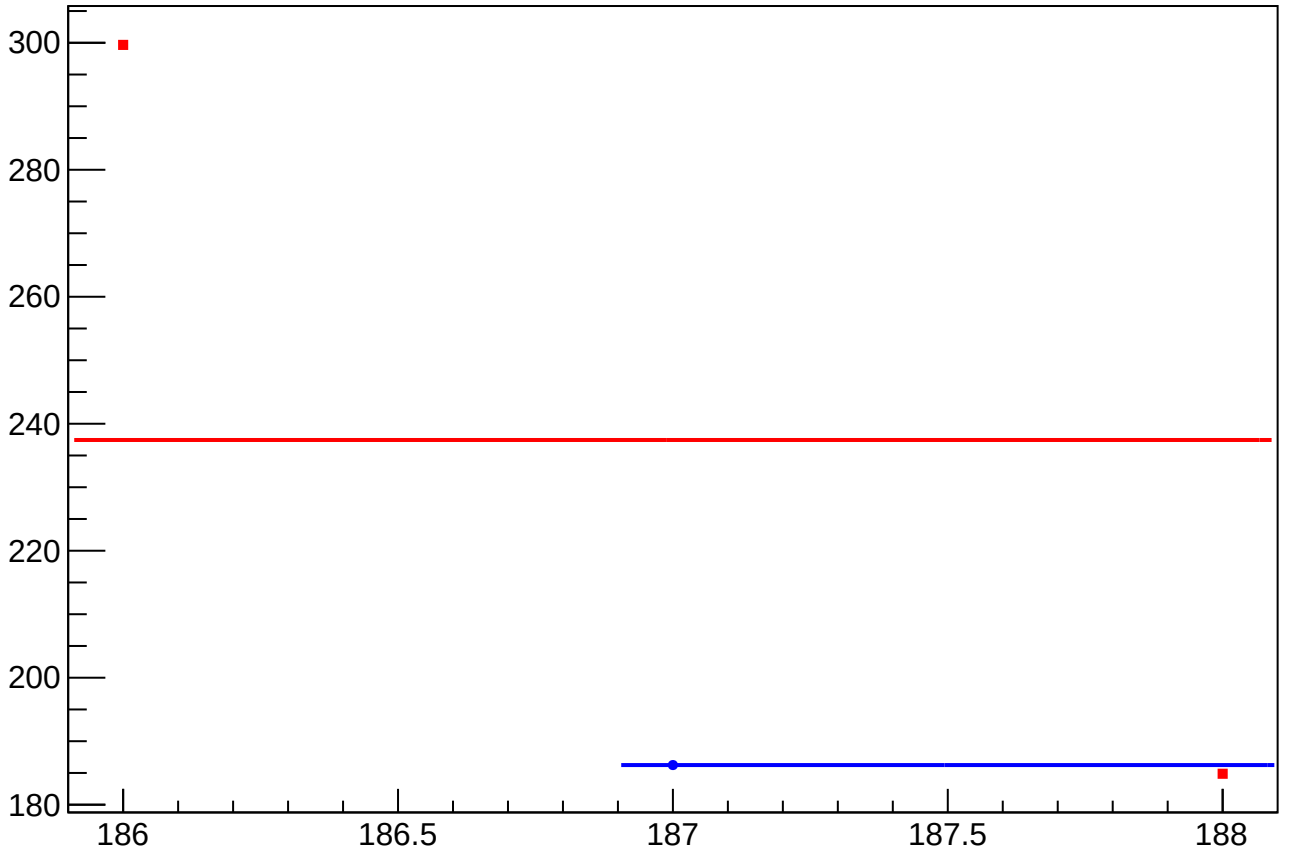
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 176.751+/-276.806 χ^2/NDF: 0.2/2

In: 84.860+/-488.855 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 176.751+/-276.806 χ^2/NDF: 0.2/2



Right In: 186.243+/-0.346 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 237.441+/-0.237 χ^2/NDF: 58005.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

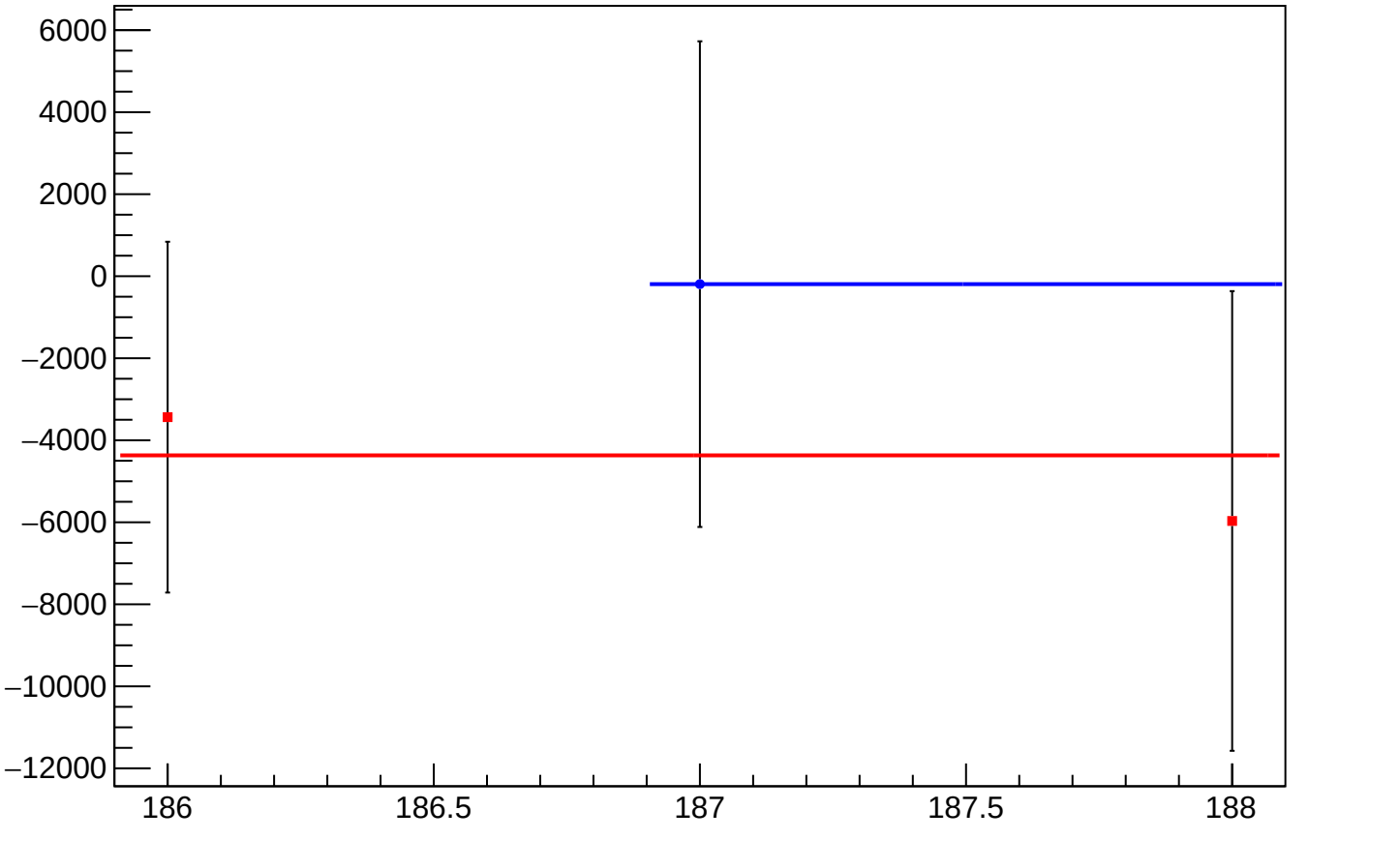
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 221.026+/-0.196 χ^2/NDF: 72909.1/2

In: 186.243+/-0.346 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 221.026+/-0.196 χ^2/NDF: 72909.1/2



Right In: -193.230+/-5921.206 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4368.308+/-3400.043 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

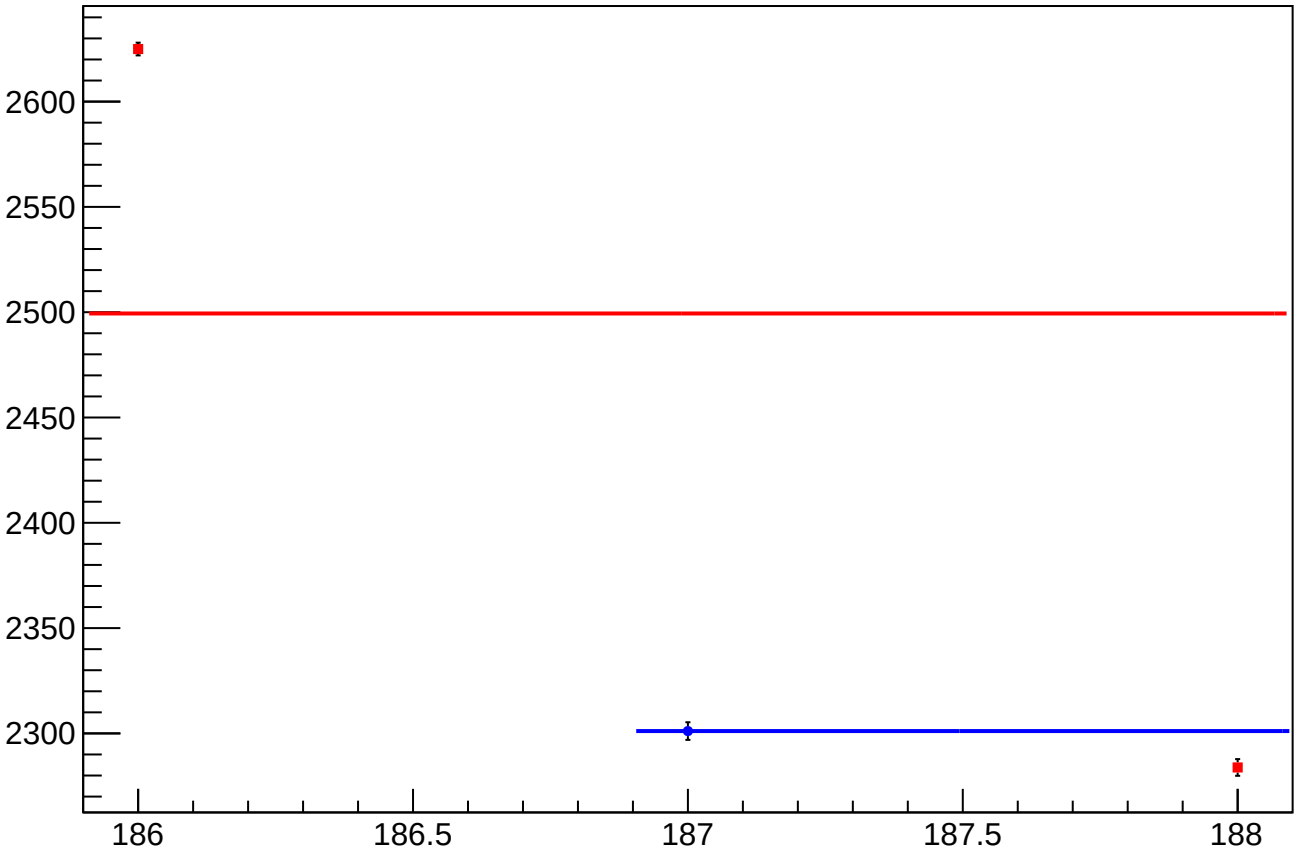
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3333.042+/-2948.519 χ^2/NDF: 0.5/2

In: -193.230+/-5921.206 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3333.042+/-2948.519 χ^2/NDF: 0.5/2



Right In: 2301.113+/-4.187 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2499.394+/-2.404 χ^2/NDF: 4682.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

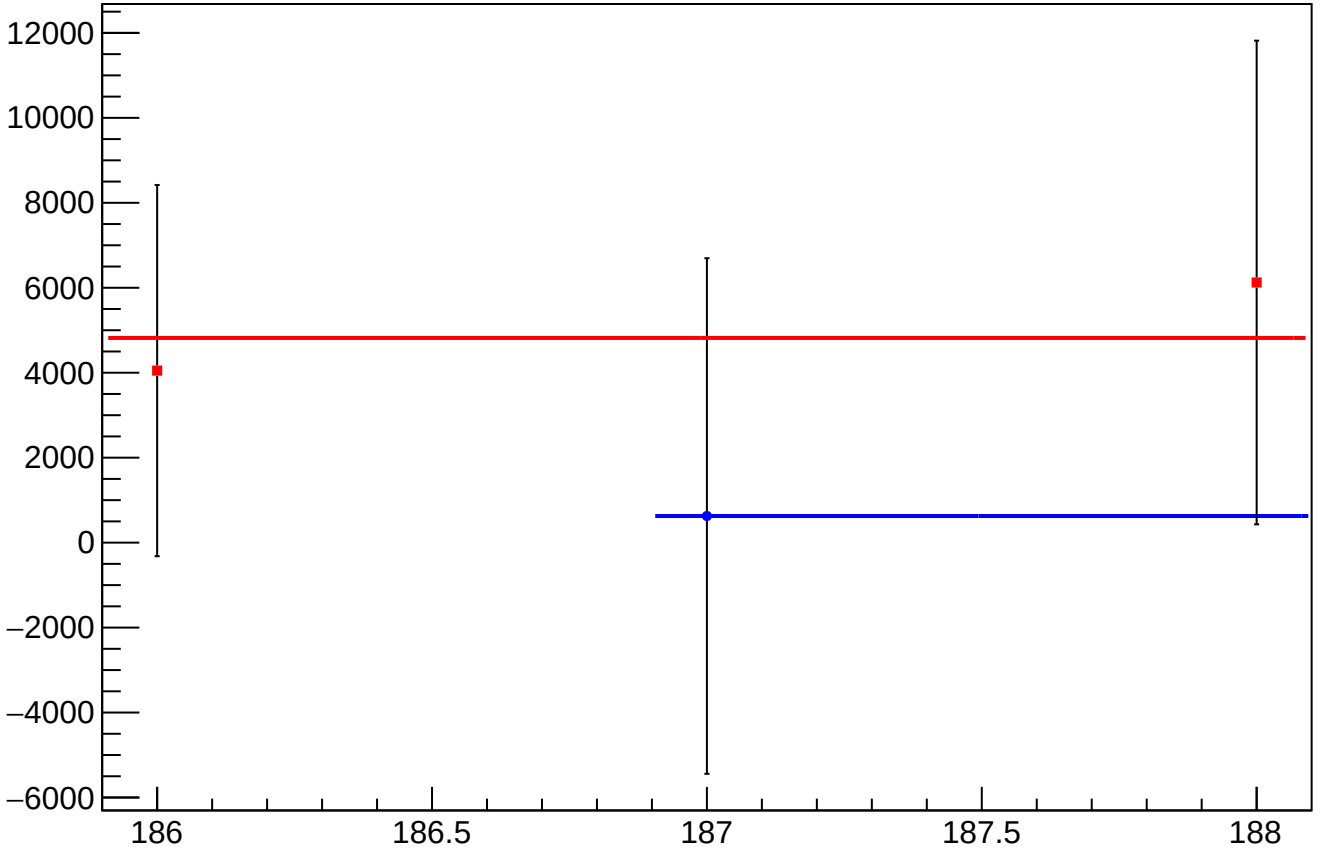
Right: 2450.228+/-2.085 χ^2/NDF: 6369.2/2

In: 2301.113+/-4.187 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2450.228+/-2.085 χ^2/NDF: 6369.2/2

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 626.605+/-6068.801 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4818.699+/-3466.572 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

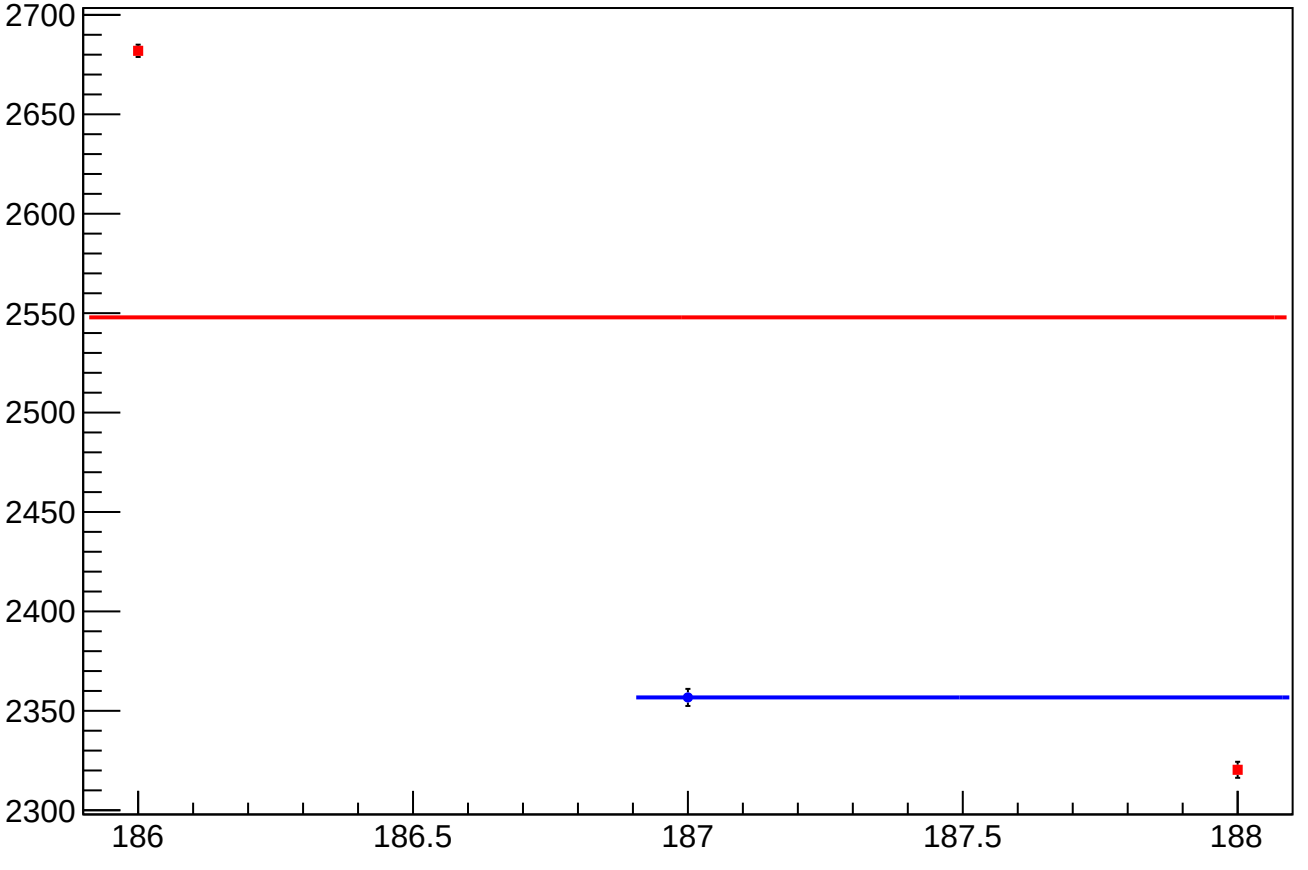
Right: 3787.388+/-3010.108 χ^2/NDF: 0.4/2

In: 626.605+/-6068.801 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3787.388+/-3010.108 χ^2/NDF: 0.4/2

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2356.743+/-4.291 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2547.884+/-2.451 χ^2/NDF: 5076.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

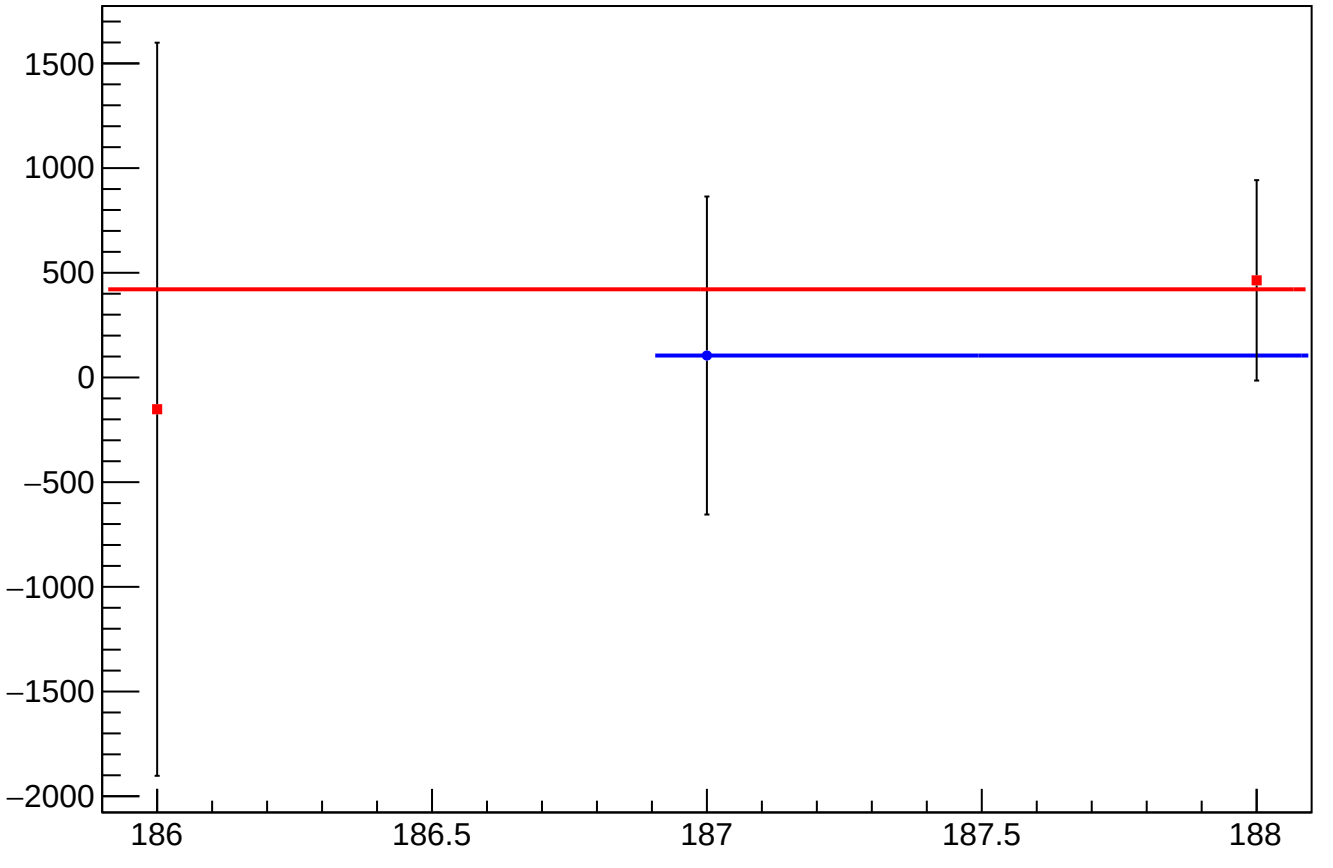
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2500.861+/-2.128 χ^2/NDF: 6572.4/2

In: 2356.743+/-4.291 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2500.861+/-2.128 χ^2/NDF: 6572.4/2



Right In: 104.848+/-759.422 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 421.073+/-461.621 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

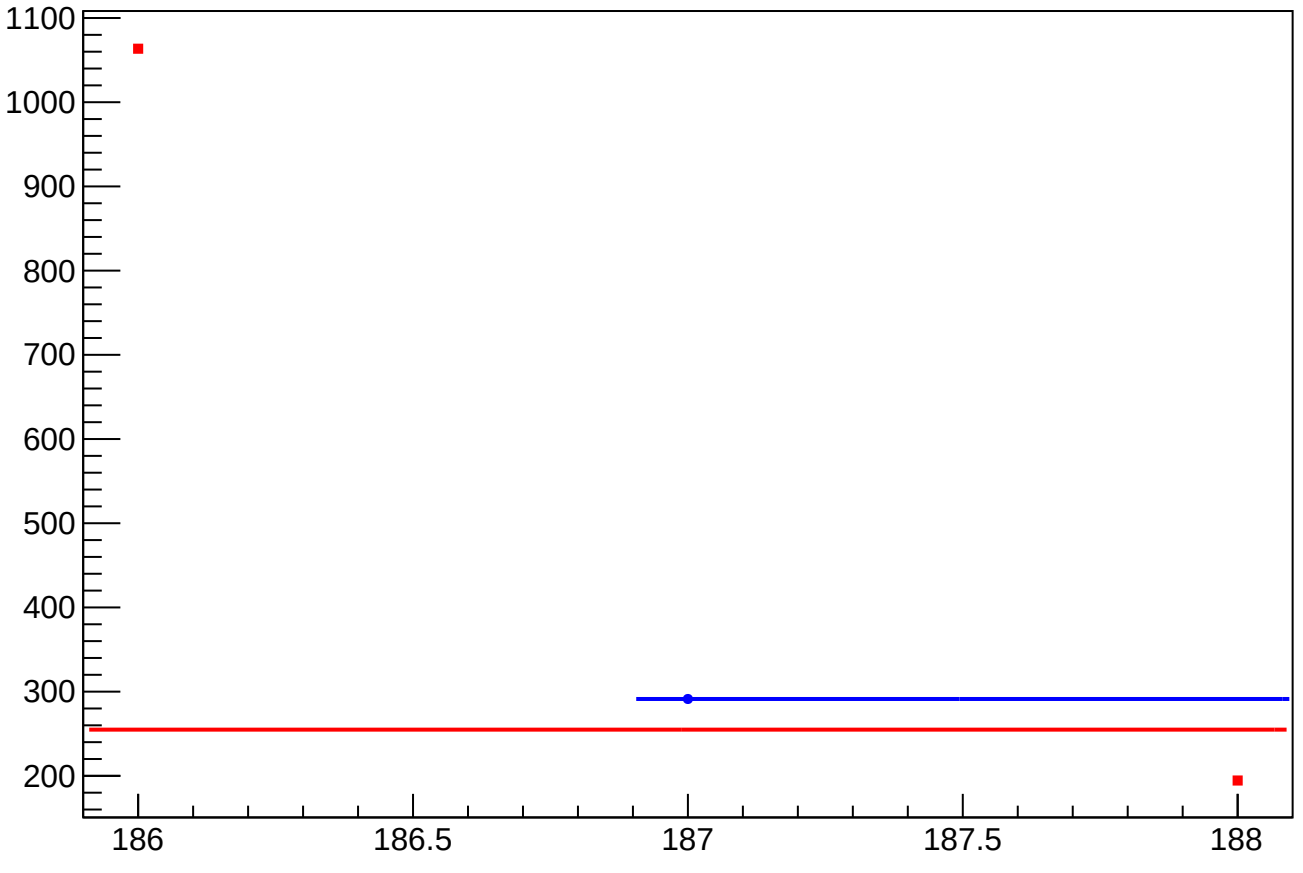
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 335.755+/-394.463 χ^2/NDF: 0.2/2

In: 104.848+/-759.422 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 335.755+/-394.463 χ^2/NDF: 0.2/2



Right In: 291.284+/-0.537 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 254.879+/-0.326 χ^2/NDF: 458570.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

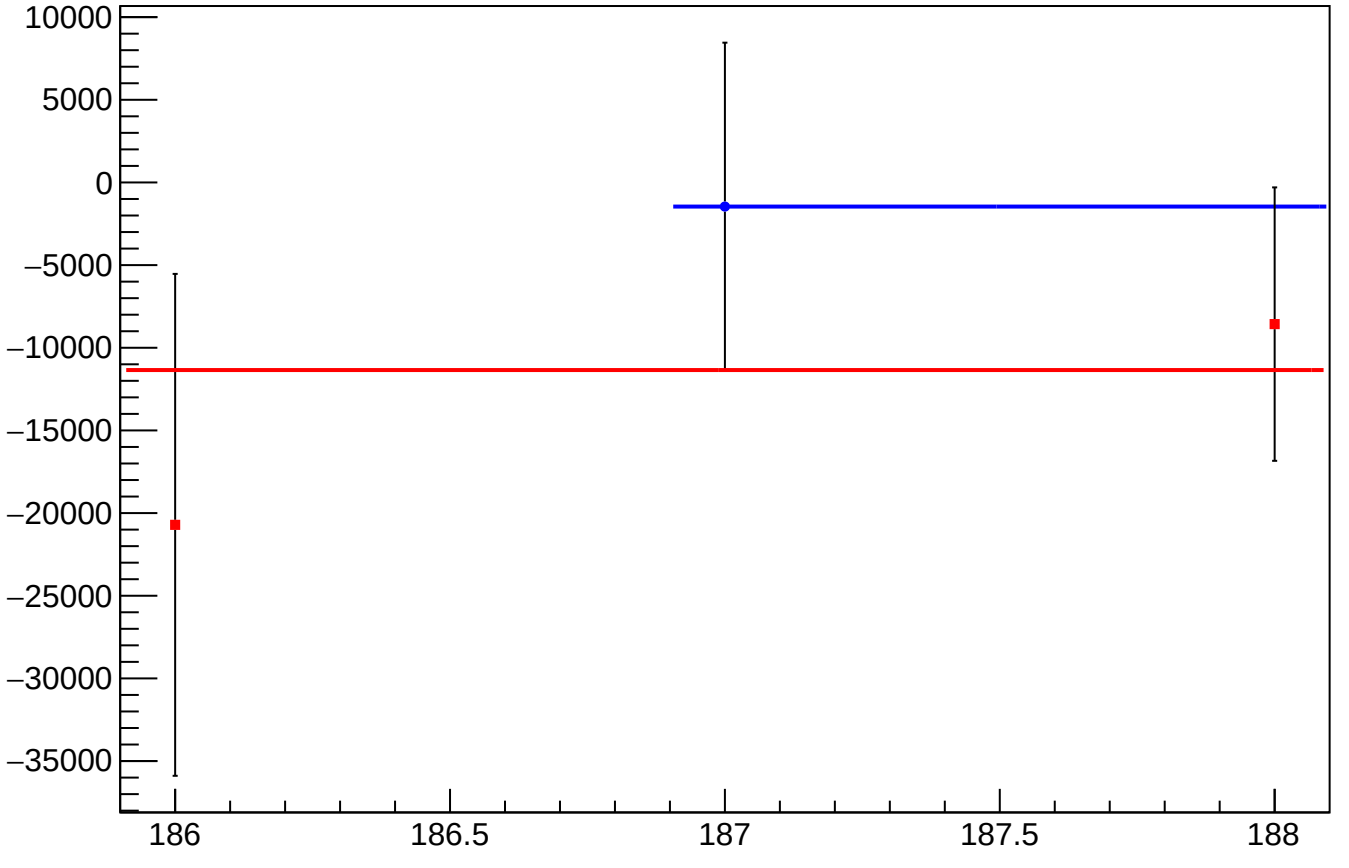
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 264.701+/-0.279 χ^2/NDF: 461926.5/2

In: 291.284+/-0.537 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 264.701+/-0.279 χ^2/NDF: 461926.5/2



Right In: -1459.164+/-9914.217 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11347.796+/-7261.908 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

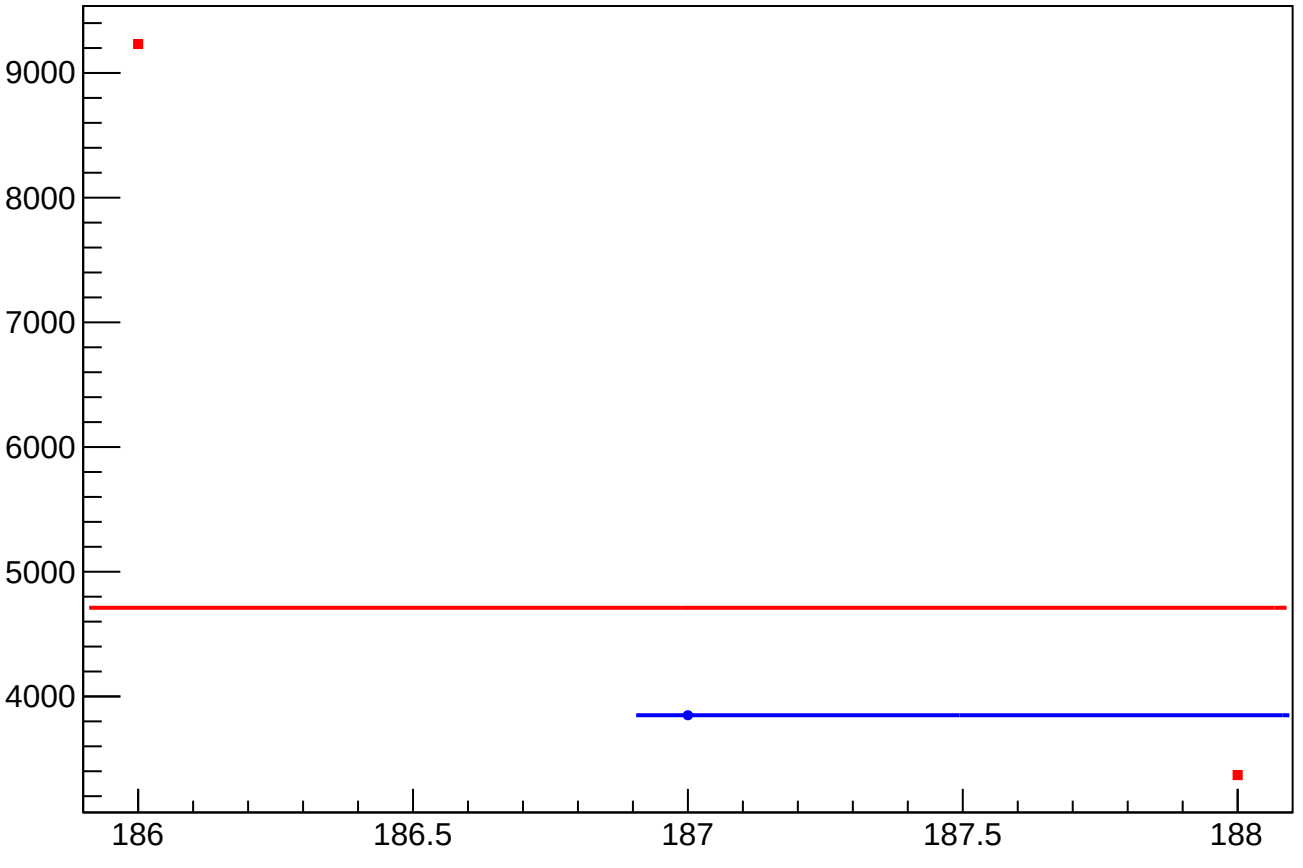
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7894.904+/-5858.438 χ^2/NDF: 1.1/2

In: -1459.164+/-9914.217 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7894.904+/-5858.438 χ^2/NDF: 1.1/2



Right In: 3849.278+/-7.010 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4711.210+/-5.135 χ^2/NDF: 230072.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

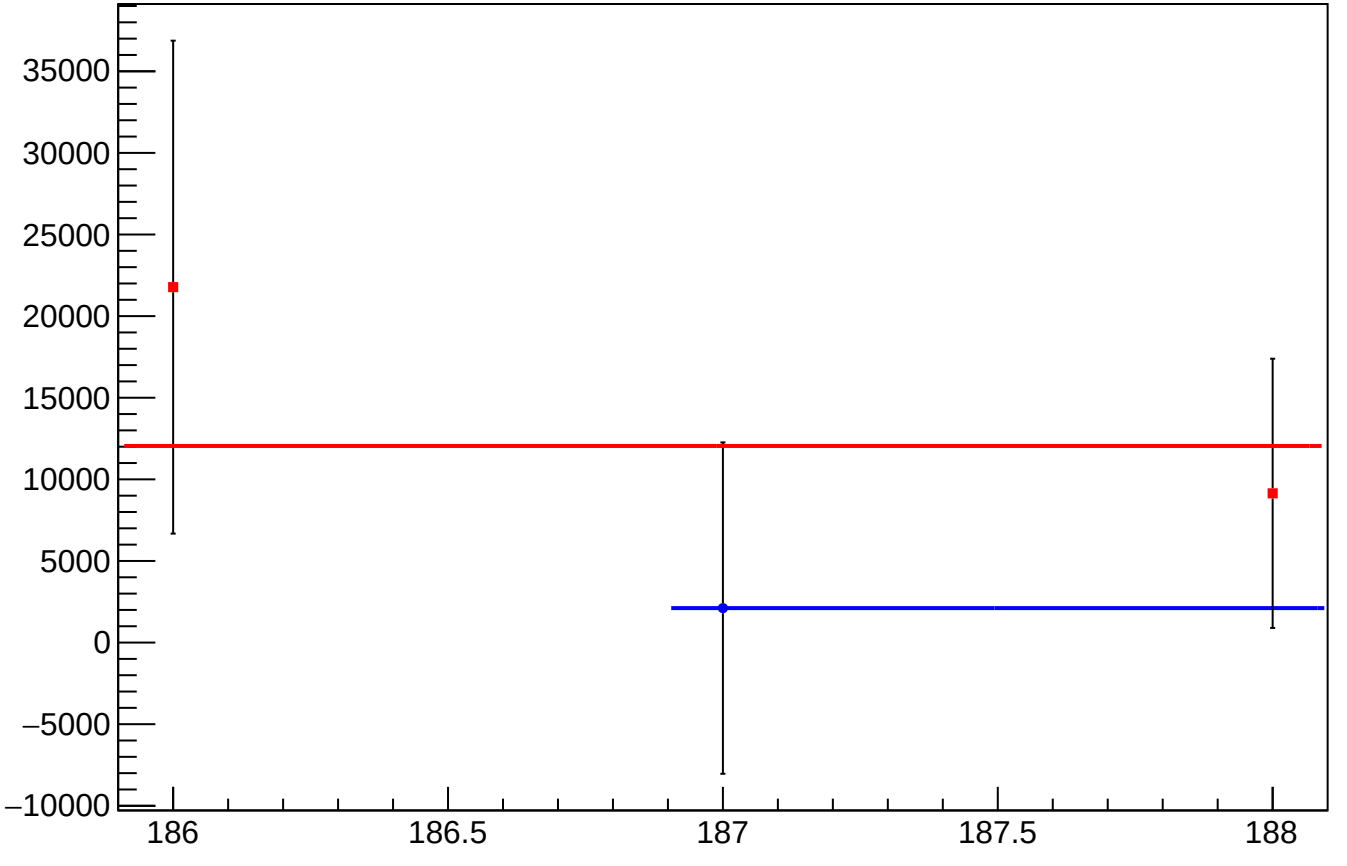
Right: 4410.242+/-4.143 χ^2/NDF: 239911.1/2

In: 3849.278+/-7.010 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4410.242+/-4.143 χ^2/NDF: 239911.1/2

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 2111.622+/-10151.201 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12046.074+/-7238.328 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

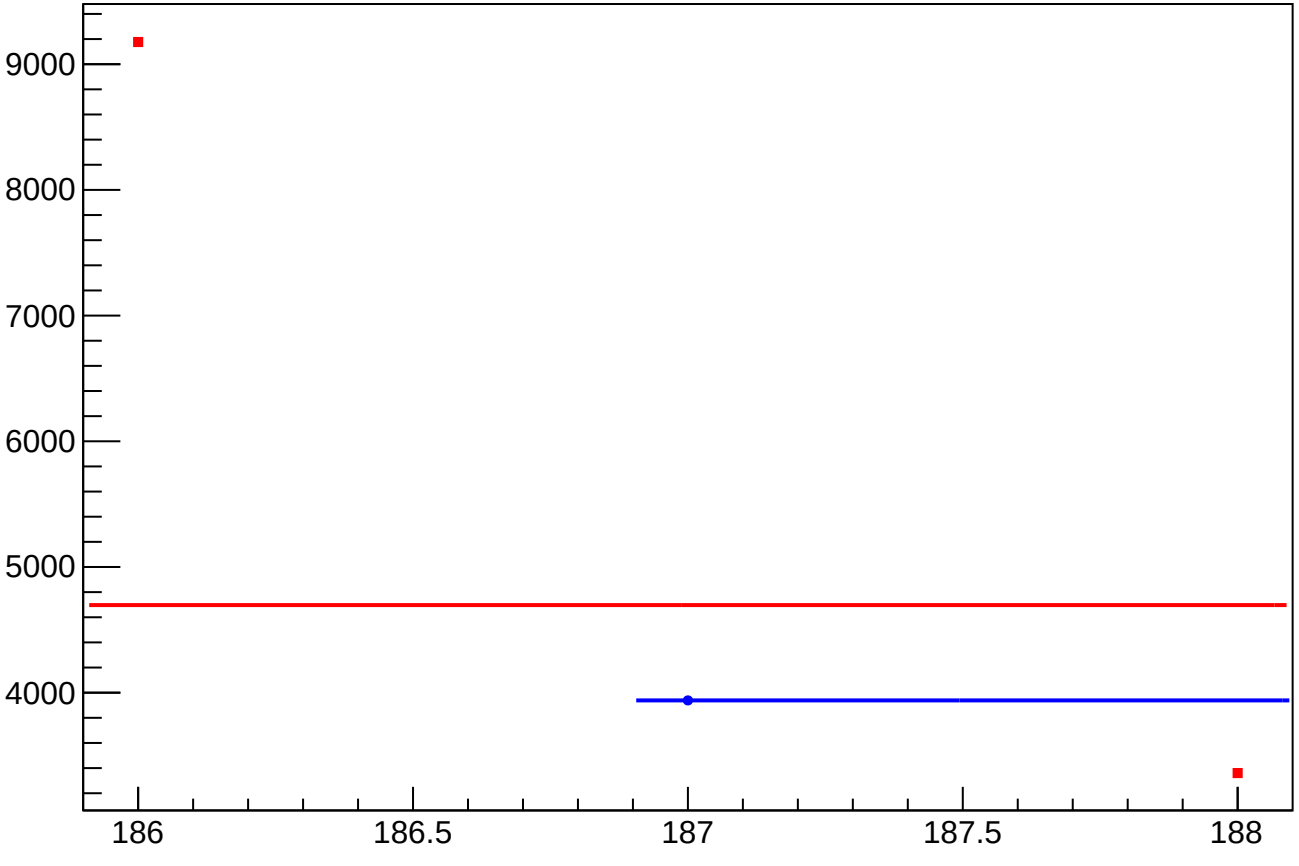
Right: 8697.524+/-5893.509 χ^2/NDF: 1.2/2

In: 2111.622+/-10151.201 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8697.524+/-5893.509 χ^2/NDF: 1.2/2

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 3938.513+/-7.178 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4696.943+/-5.118 χ^2/NDF: 228539.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

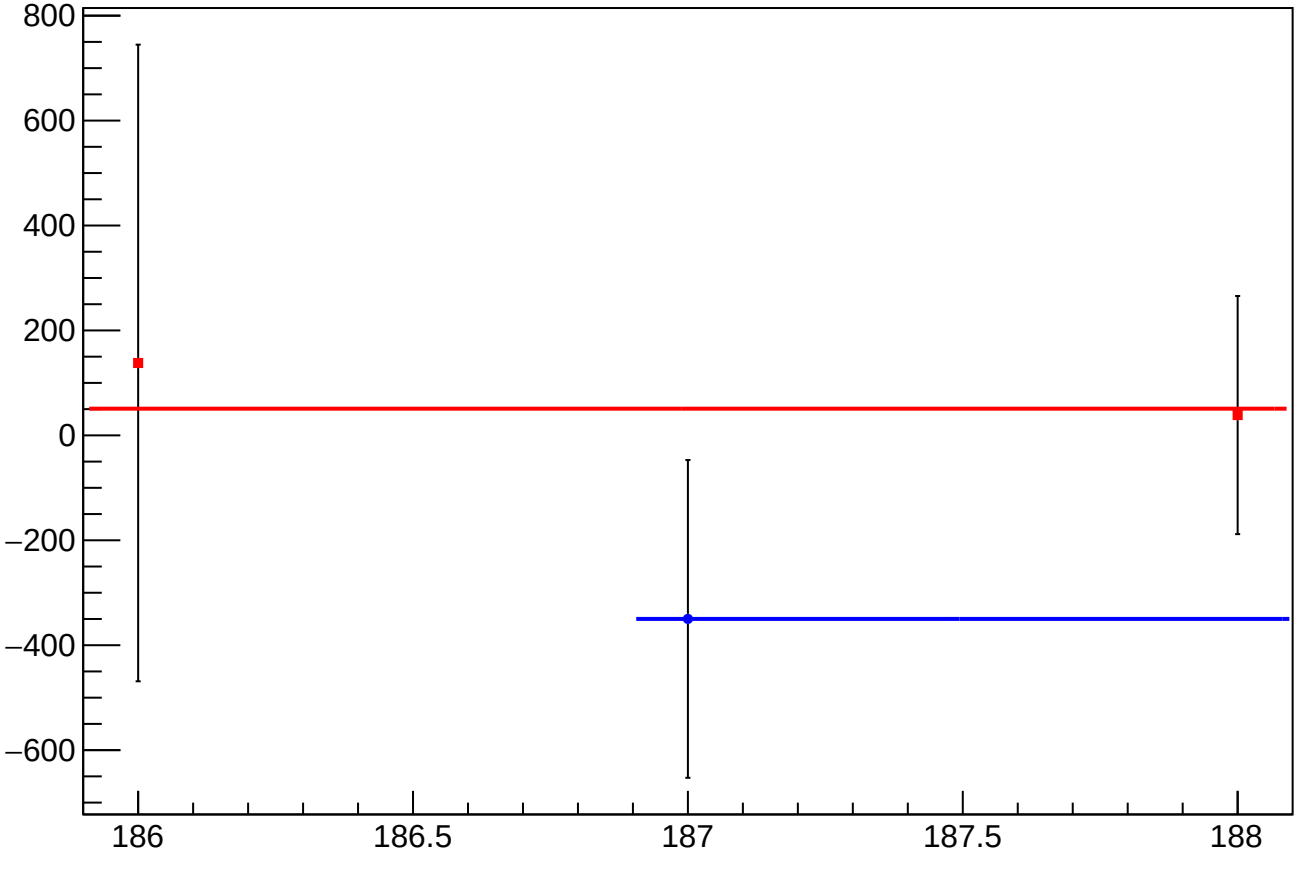
Right: 4441.304+/-4.167 χ^2/NDF: 235940.2/2

In: 3938.513+/-7.178 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4441.304+/-4.167 χ^2/NDF: 235940.2/2

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -349.871+/-302.859 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.885+/-212.581 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

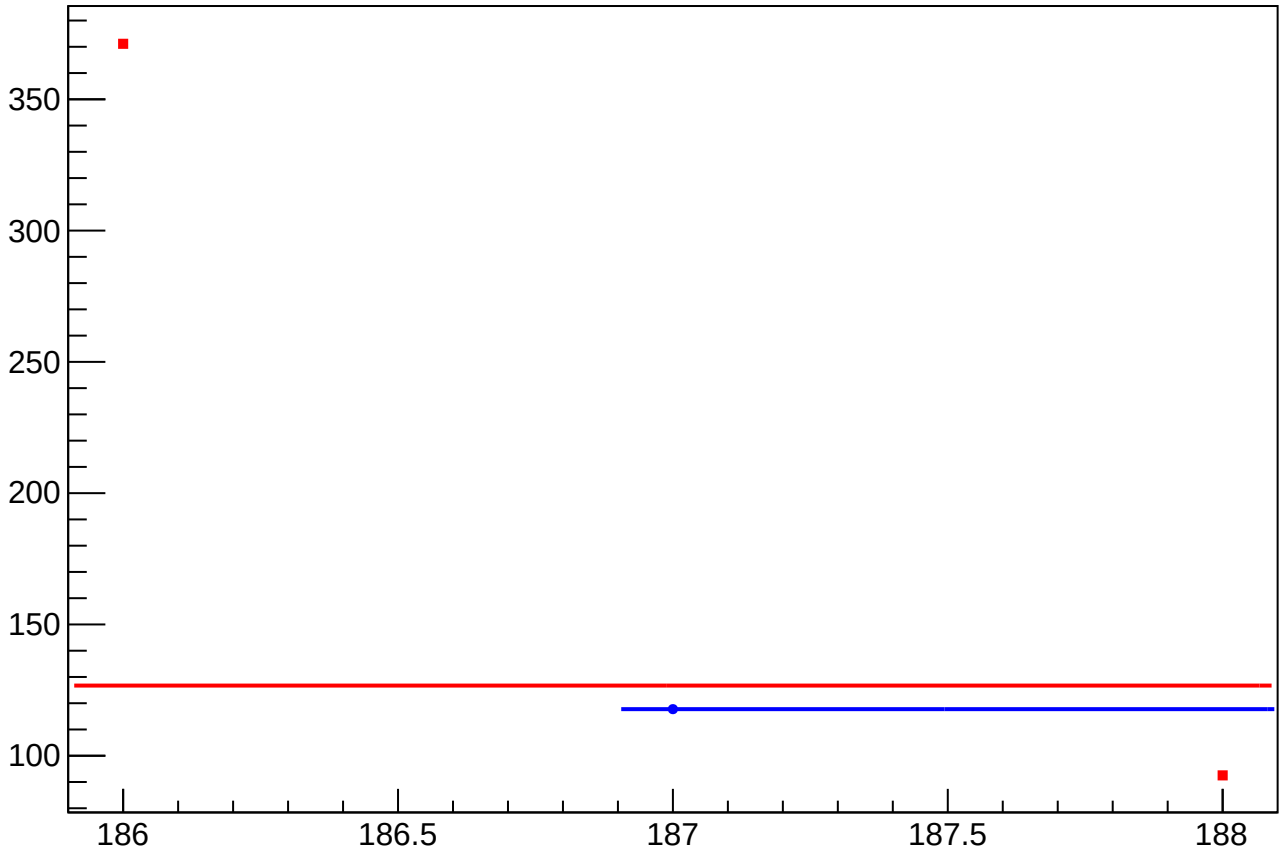
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -81.390+/-173.996 χ^2/NDF: 1.2/2

In: -349.871+/-302.859 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -81.390+/-173.996 χ^2/NDF: 1.2/2



Right In: 117.744+/-0.214 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 126.723+/-0.150 χ^2/NDF: 369965.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

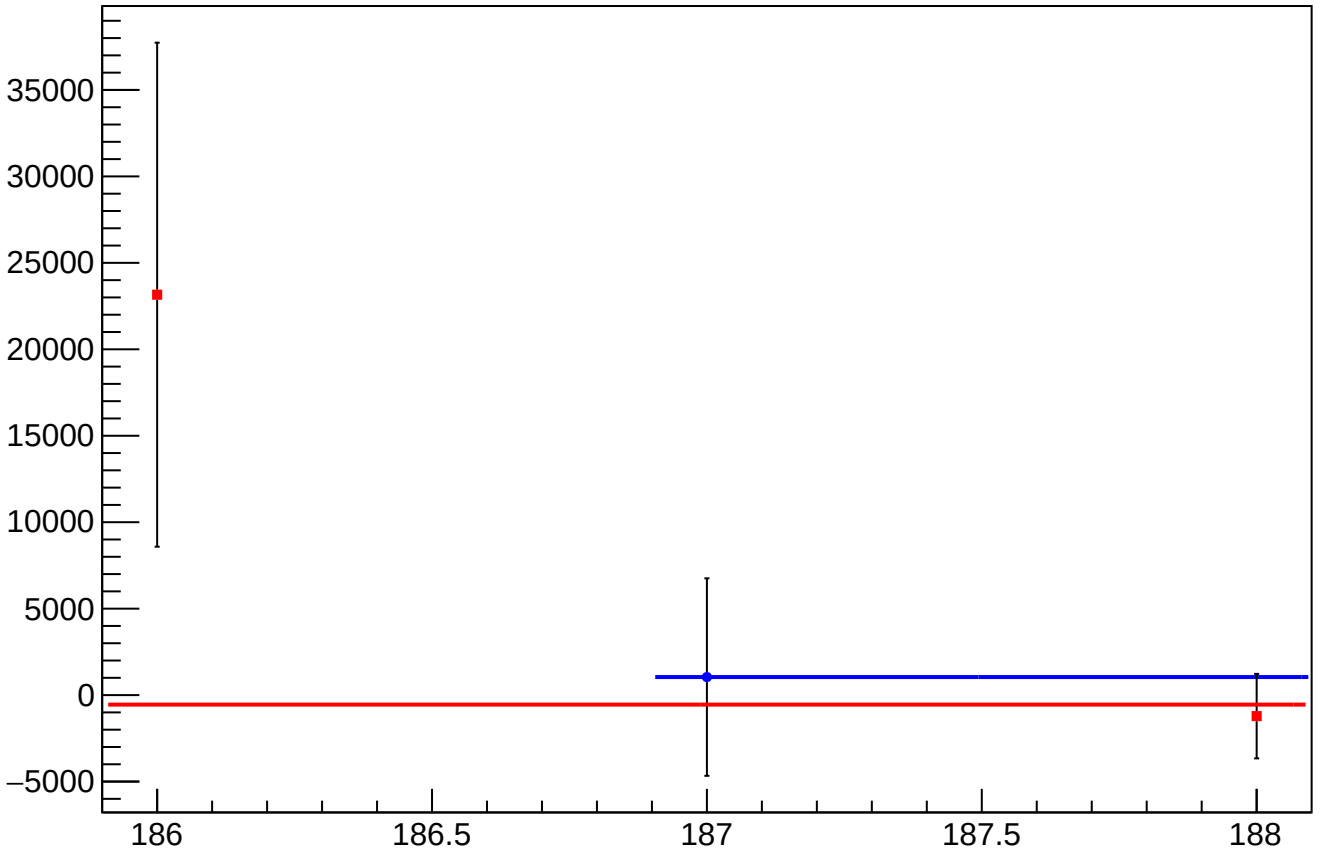
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 123.759+/-0.123 χ^2/NDF: 371143.4/2

In: 117.744+/-0.214 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 123.759+/-0.123 χ^2/NDF: 371143.4/2



Right In: 1044.103+/-5710.976 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -549.578+/-2409.843 χ^2/NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

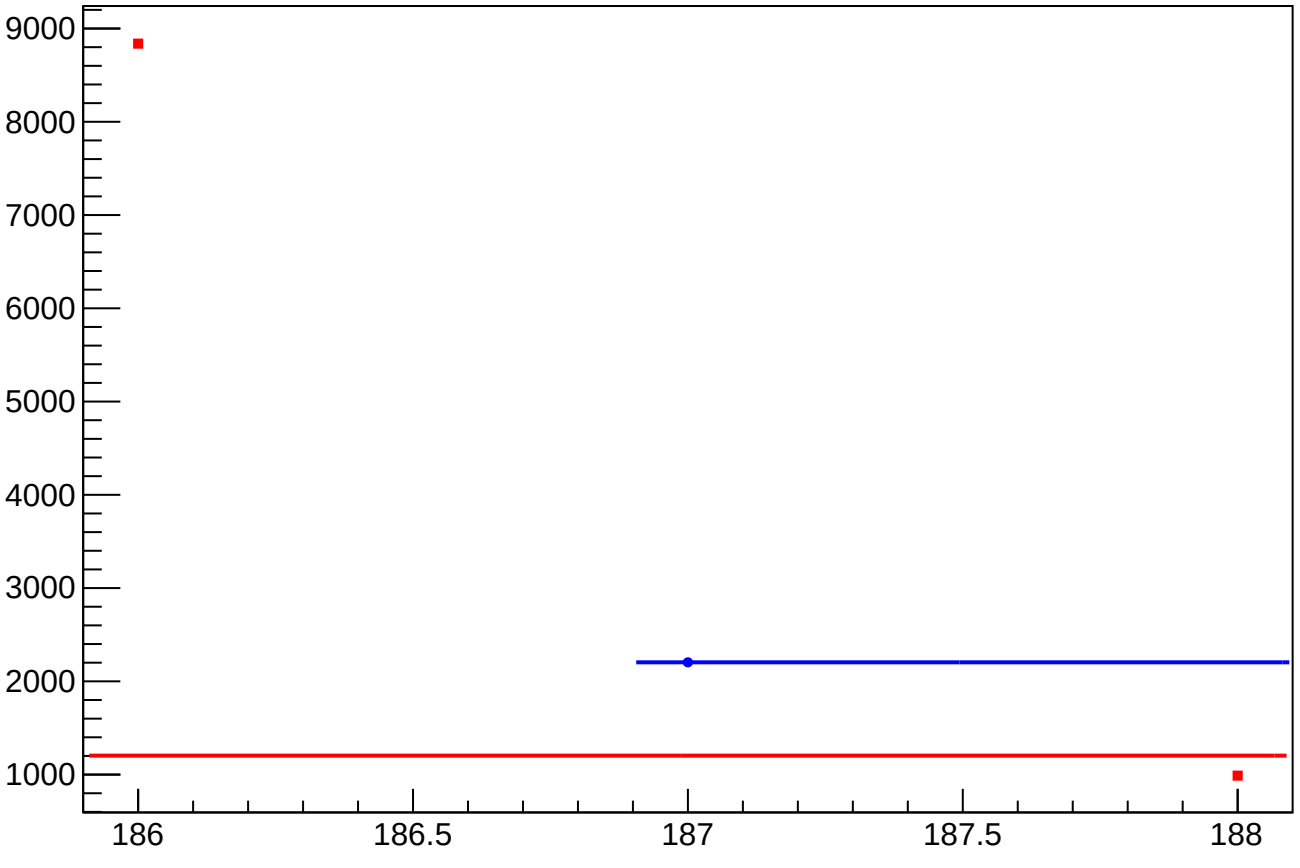
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -308.702+/-2220.270 χ^2/NDF: 2.8/2

In: 1044.103+/-5710.976 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -308.702+/-2220.270 χ^2/NDF: 2.8/2



Right In: 2203.899+/-4.038 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1203.375+/-1.704 χ^2/NDF: 564107.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

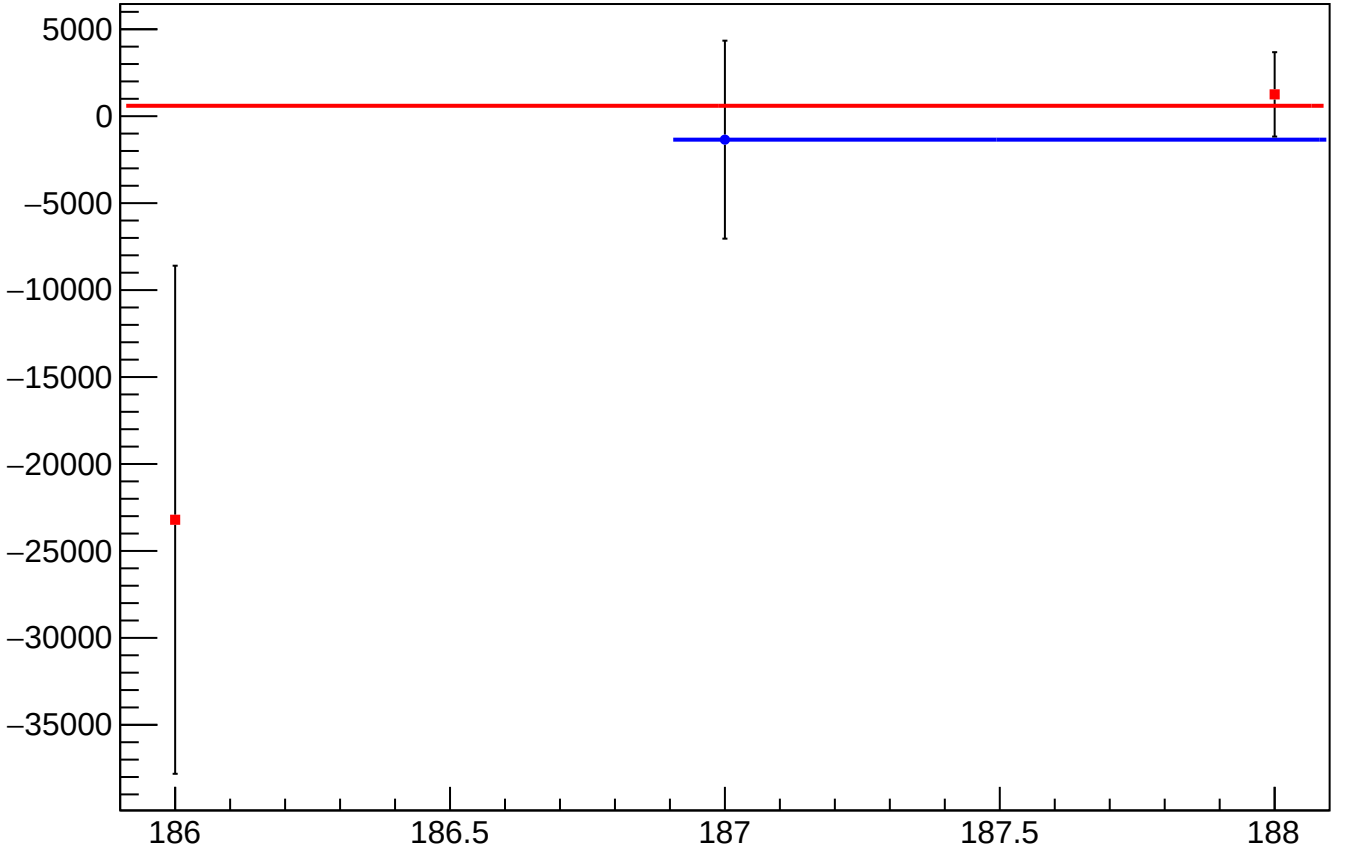
Right: 1354.598+/-1.570 χ^2/NDF: 616214.5/2

In: 2203.899+/-4.038 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1354.598+/-1.570 χ^2/NDF: 616214.5/2

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -1349.629+/-5692.387 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 598.245+/-2393.222 χ^2/NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

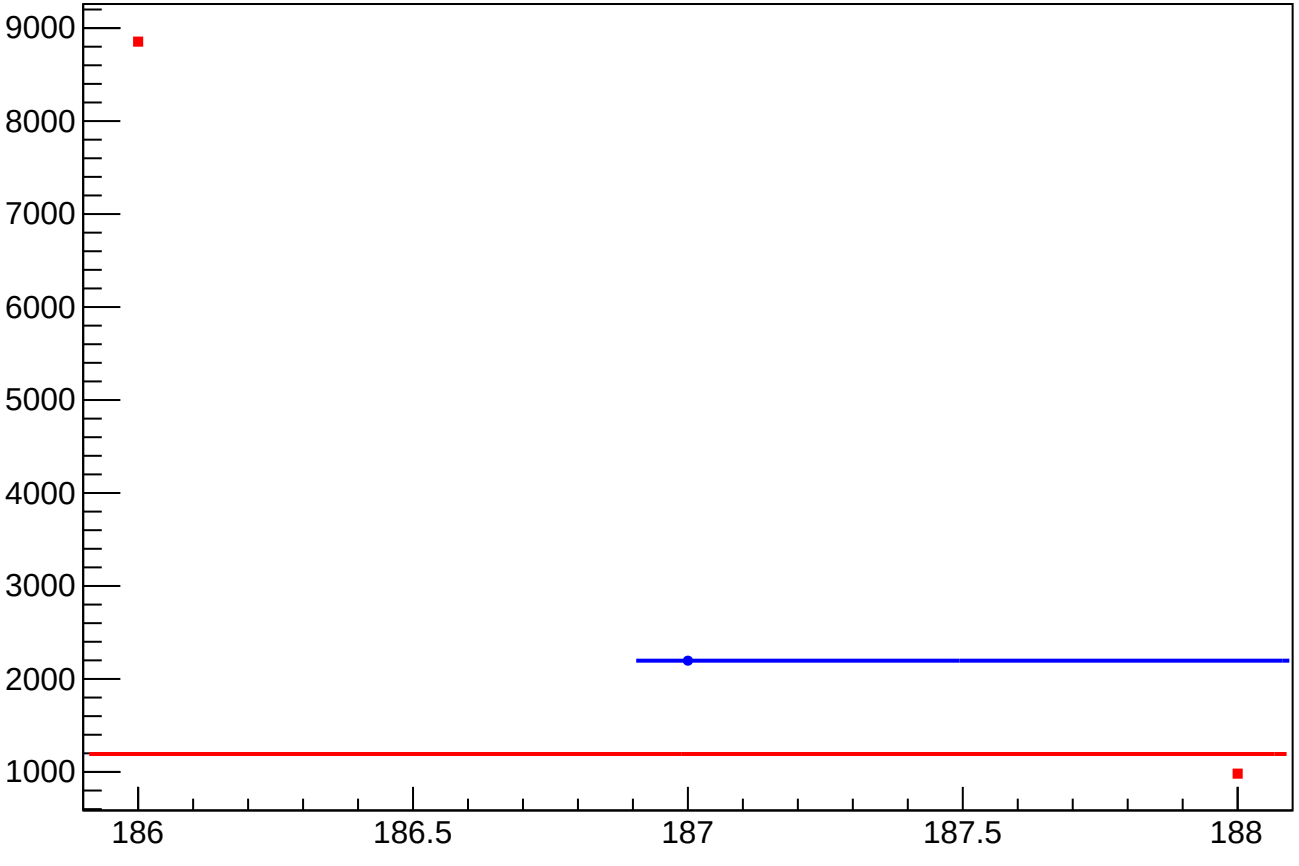
Right: 305.661+/-2206.173 χ^2/NDF: 2.8/2

In: -1349.629+/-5692.387 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 305.661+/-2206.173 χ^2/NDF: 2.8/2

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 2196.584+/-4.025 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1192.973+/-1.692 χ^2/NDF: 565241.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

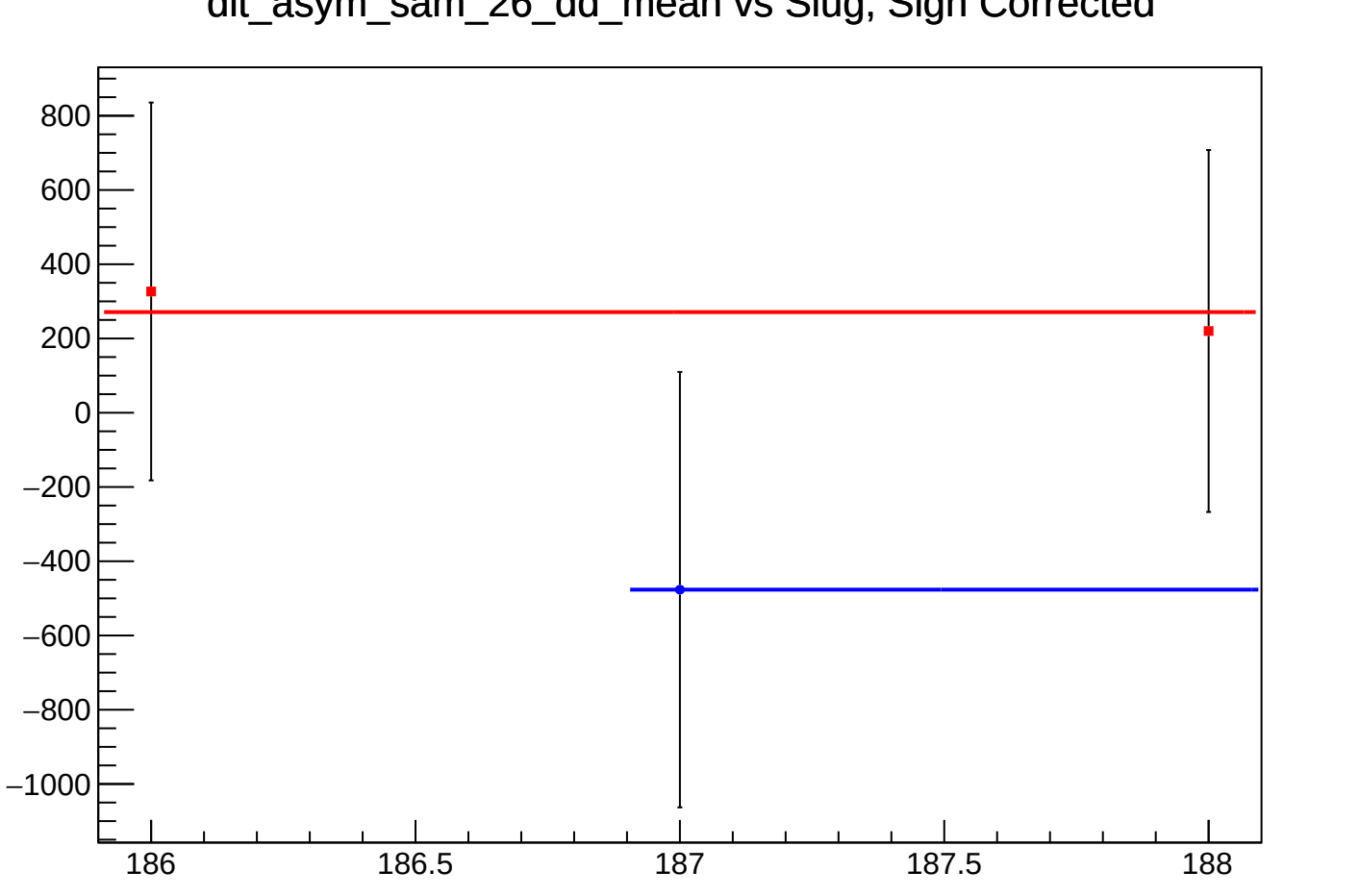
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1343.722+/-1.560 χ^2/NDF: 618071.9/2

In: 2196.584+/-4.025 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1343.722+/-1.560 χ^2/NDF: 618071.9/2



Right In: -476.554+/-586.398 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 271.125+/-352.023 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

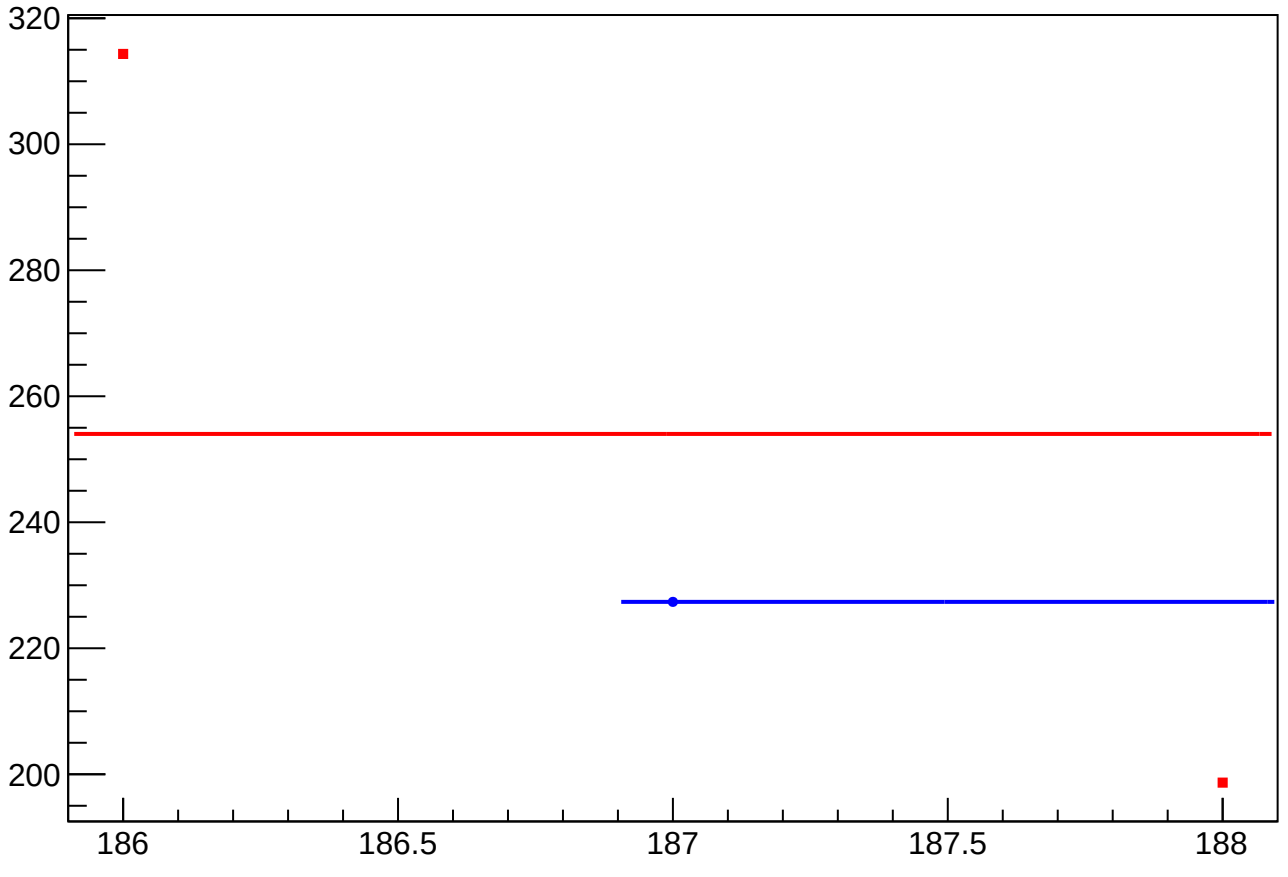
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 73.057+/-301.815 χ^2/NDF: 1.2/2

In: -476.554+/-586.398 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 73.057+/-301.815 χ^2/NDF: 1.2/2



Right In: 227.364+/-0.415 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 254.020+/-0.249 χ^2/NDF: 53878.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

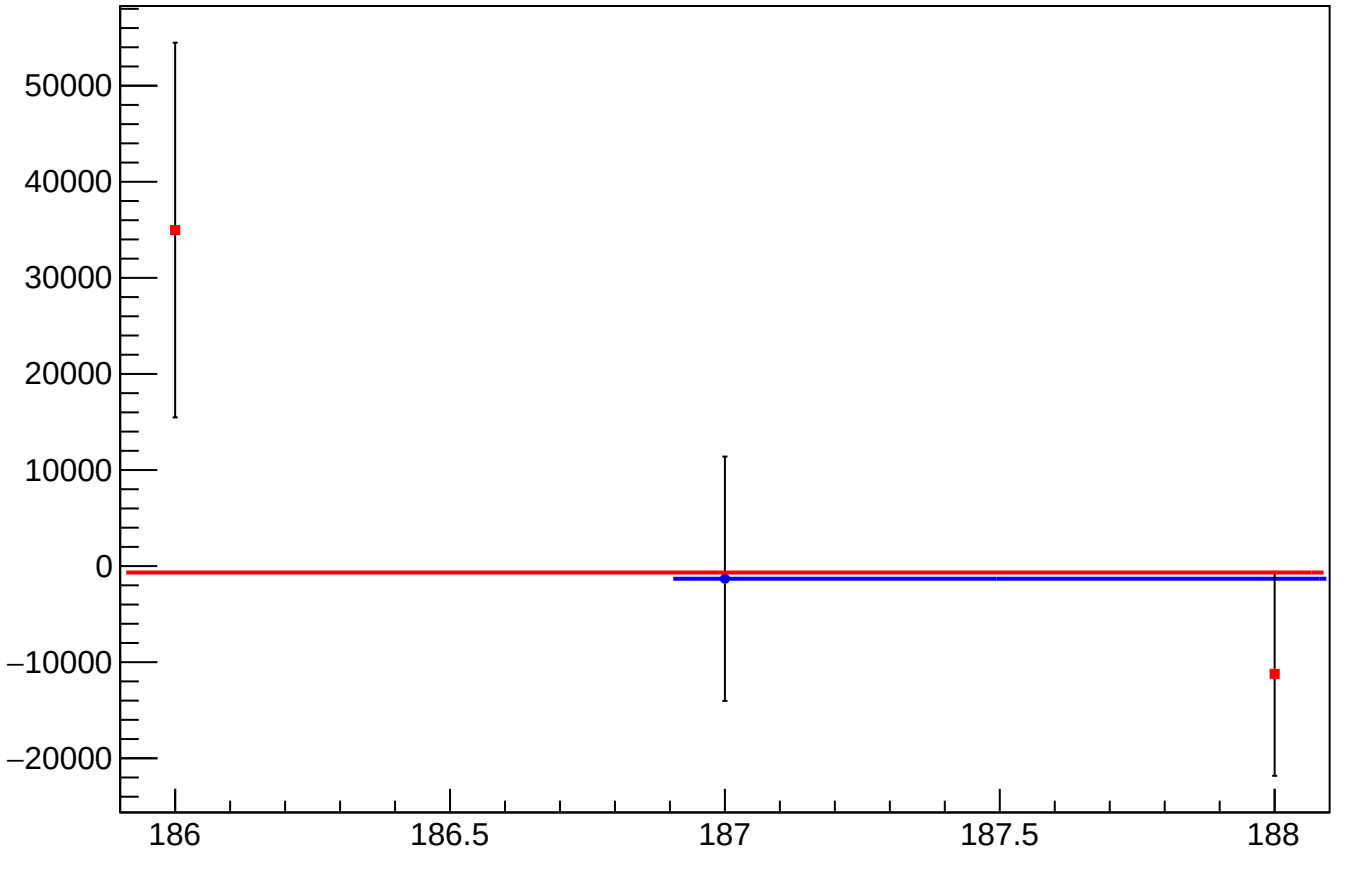
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 246.959+/-0.213 χ^2/NDF: 56916.7/2

In: 227.364+/-0.415 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 246.959+/-0.213 χ^2/NDF: 56916.7/2



Right In: -1314.486+/-12714.006 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -667.237+/-9318.998 χ^2/NDF: 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

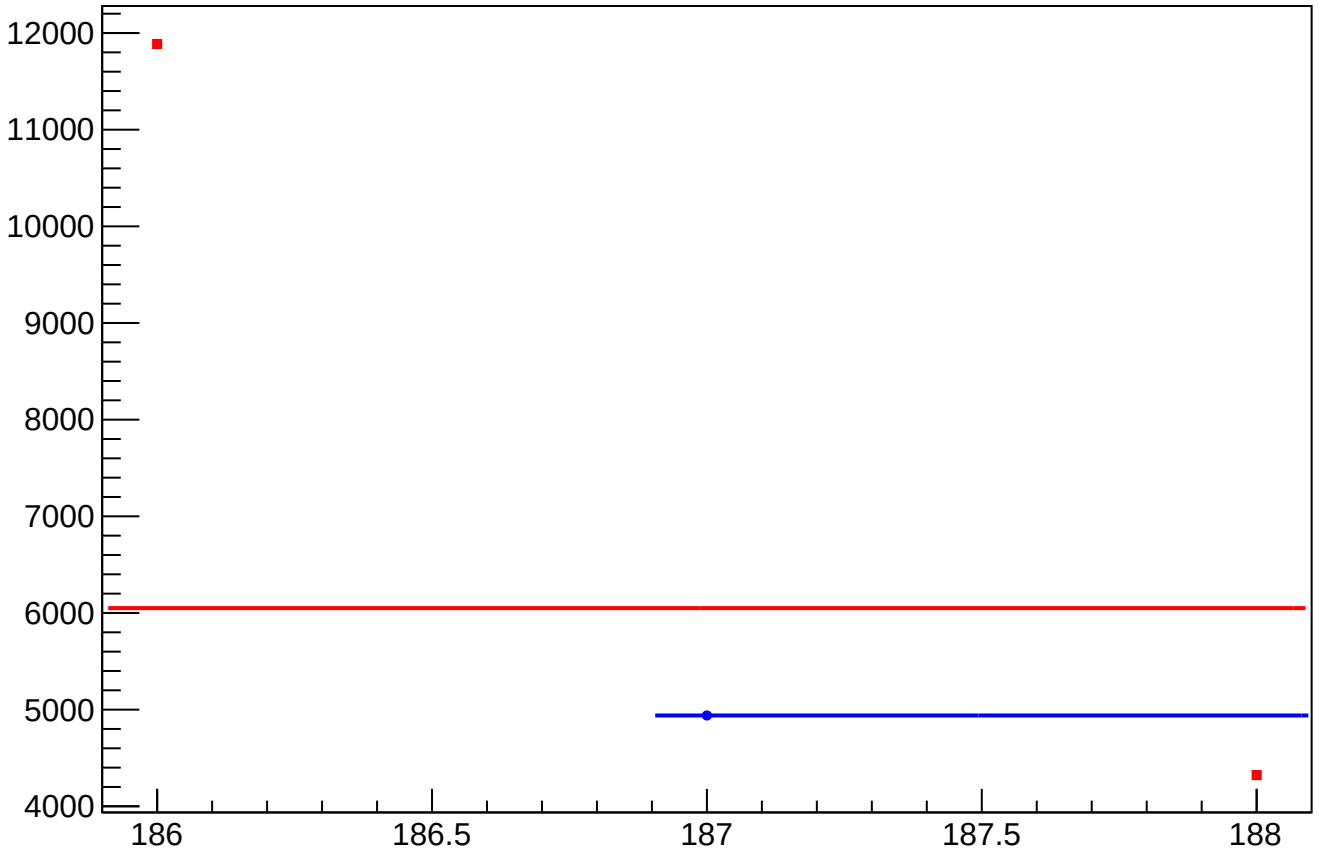
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -893.442+/-7516.185 χ^2/NDF: 4.3/2

In: -1314.486+/-12714.006 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -893.442+/-7516.185 χ^2/NDF: 4.3/2



Right In: 4939.626+/-8.990 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6050.211+/-6.590 χ^2/NDF: 232154.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

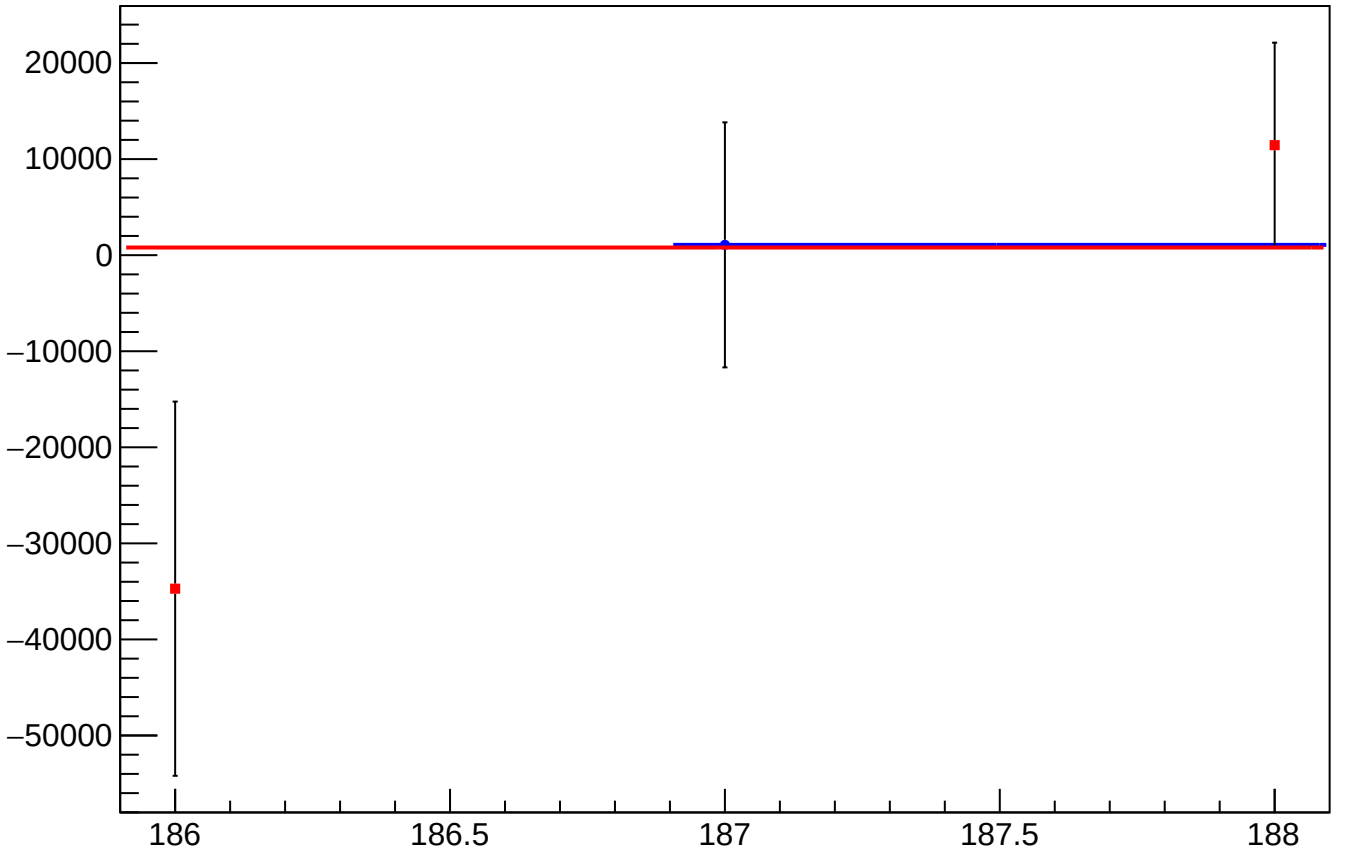
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5662.077+/-5.315 χ^2/NDF: 242081.7/2

In: 4939.626+/-8.990 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5662.077+/-5.315 χ^2/NDF: 242081.7/2



Right In: 1071.971+/-12754.068 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 797.273+/-9356.939 χ^2/NDF: 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

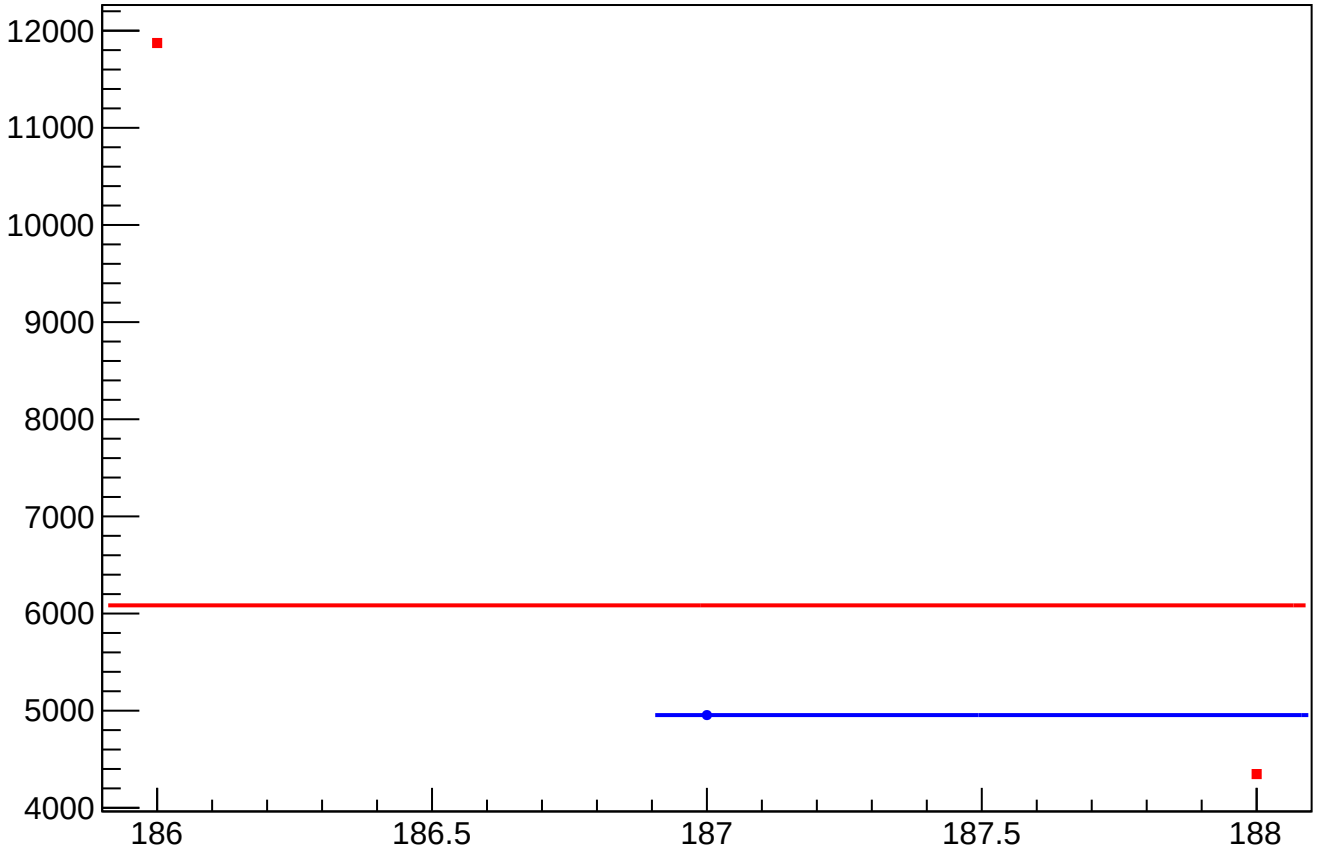
Right: 893.391+/-7544.366 χ^2/NDF: 4.3/2

In: 1071.971+/-12754.068 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 893.391+/-7544.366 χ^2/NDF: 4.3/2

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 4954.641+/-9.018 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6084.233+/-6.616 χ^2/NDF: 229664.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

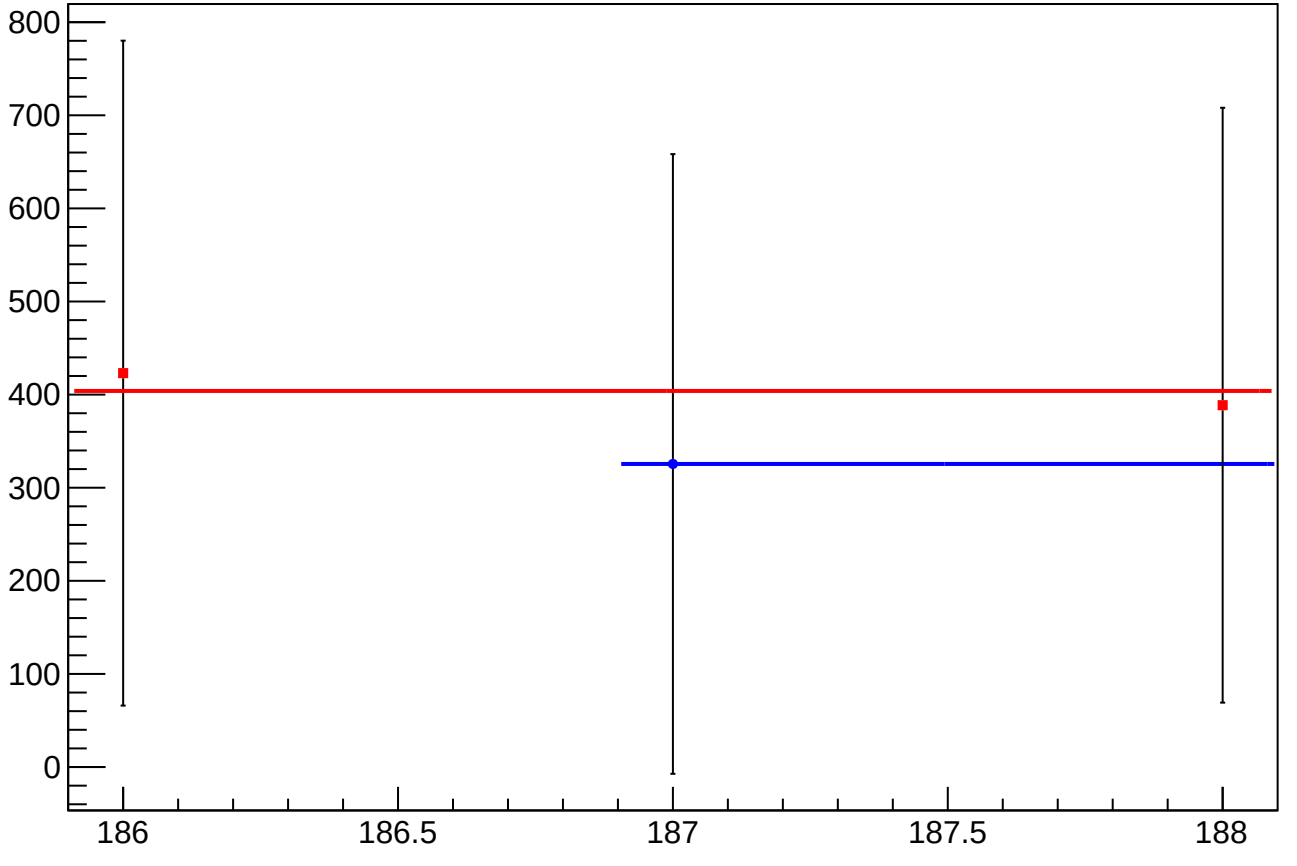
Right: 5688.985+/-5.335 χ^2/NDF: 239863.3/2

In: 4954.641+/-9.018 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5688.985+/-5.335 χ^2/NDF: 239863.3/2

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 325.518+/-332.783 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 403.938+/-238.083 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

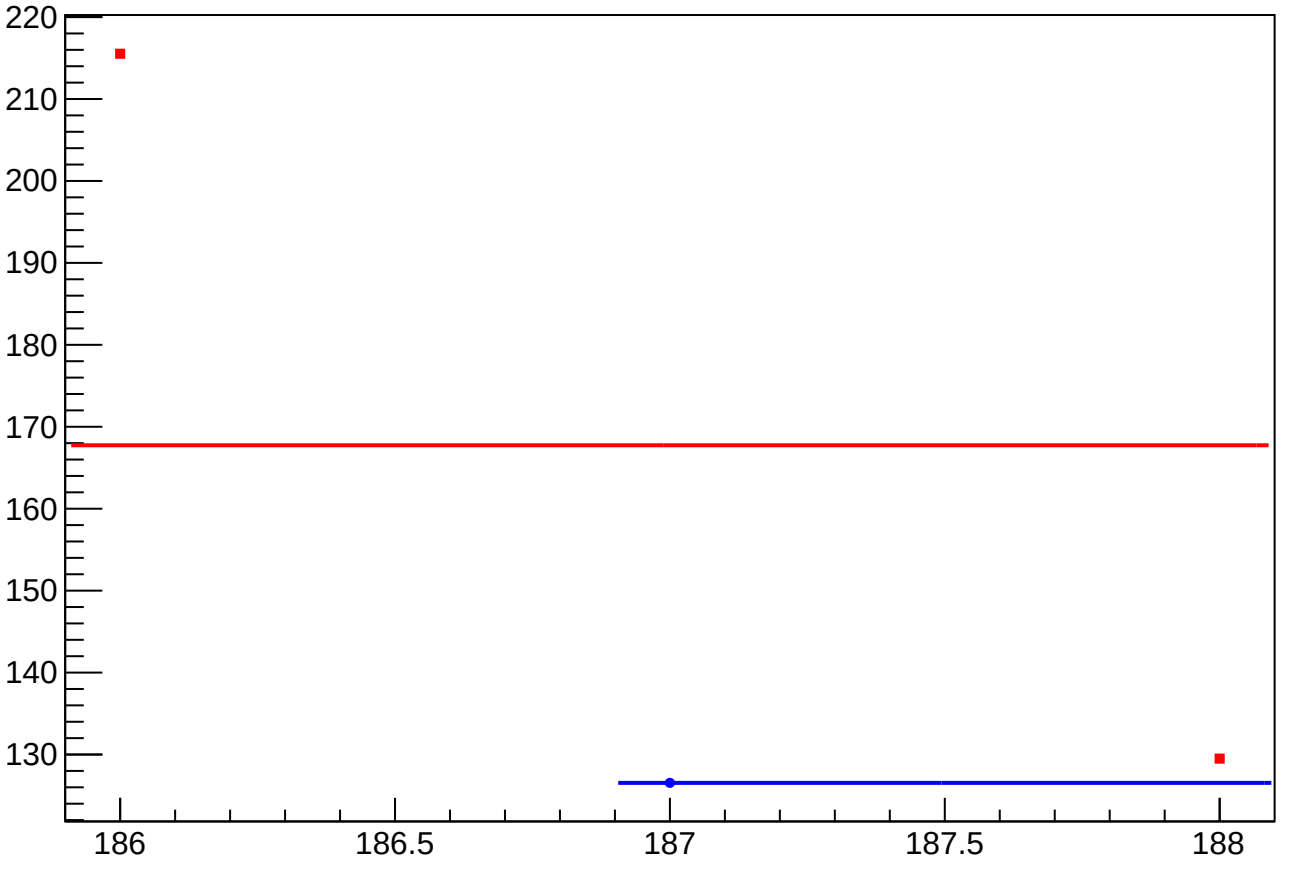
Right: 377.388+/-193.631 χ^2/NDF: 0.0/2

In: 325.518+/-332.783 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 377.388+/-193.631 χ^2/NDF: 0.0/2

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 126.542+/-0.235 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 167.743+/-0.168 χ^2/NDF: 64473.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

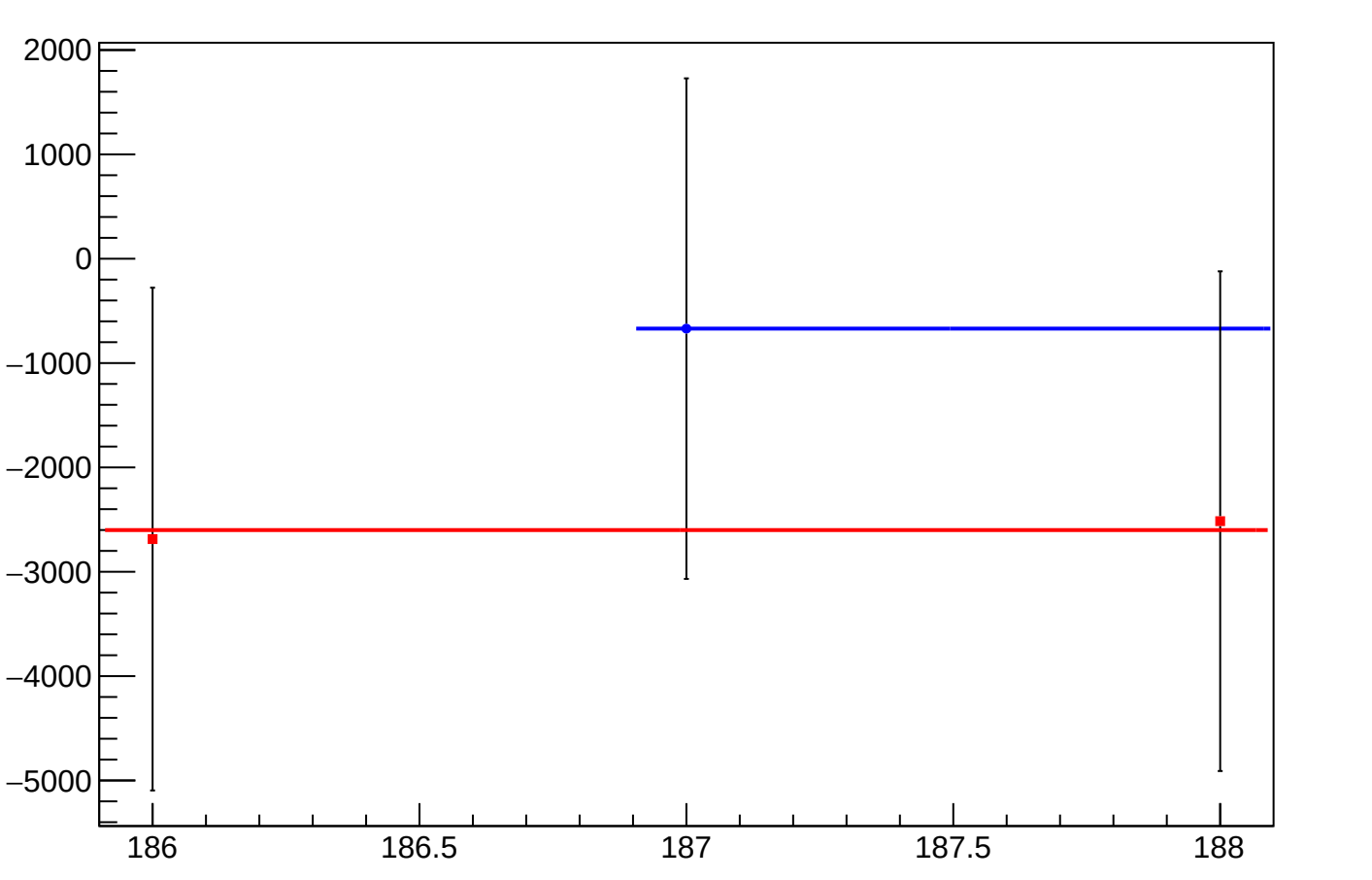
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 153.794+/-0.137 χ^2/NDF: 84751.2/2

In: 126.542+/-0.235 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 153.794+/-0.137 χ^2/NDF: 84751.2/2



Right In: -669.829+/-2398.297 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2600.414+/-1698.226 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

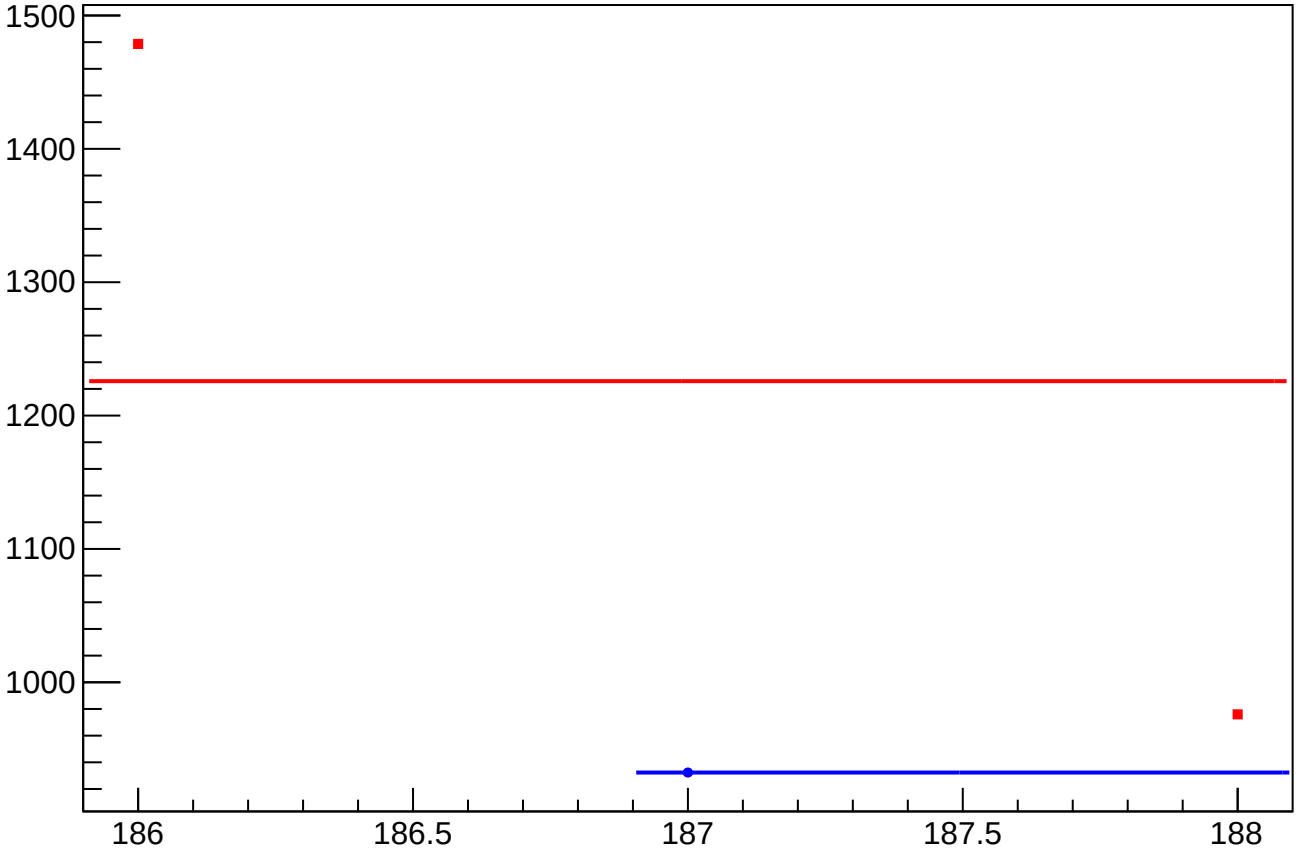
Right: -1955.685+/-1385.948 χ^2/NDF: 0.4/2

In: -669.829+/-2398.297 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1955.685+/-1385.948 χ^2/NDF: 0.4/2

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 932.335+/-1.696 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1225.808+/-1.201 χ^2/NDF: 43809.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

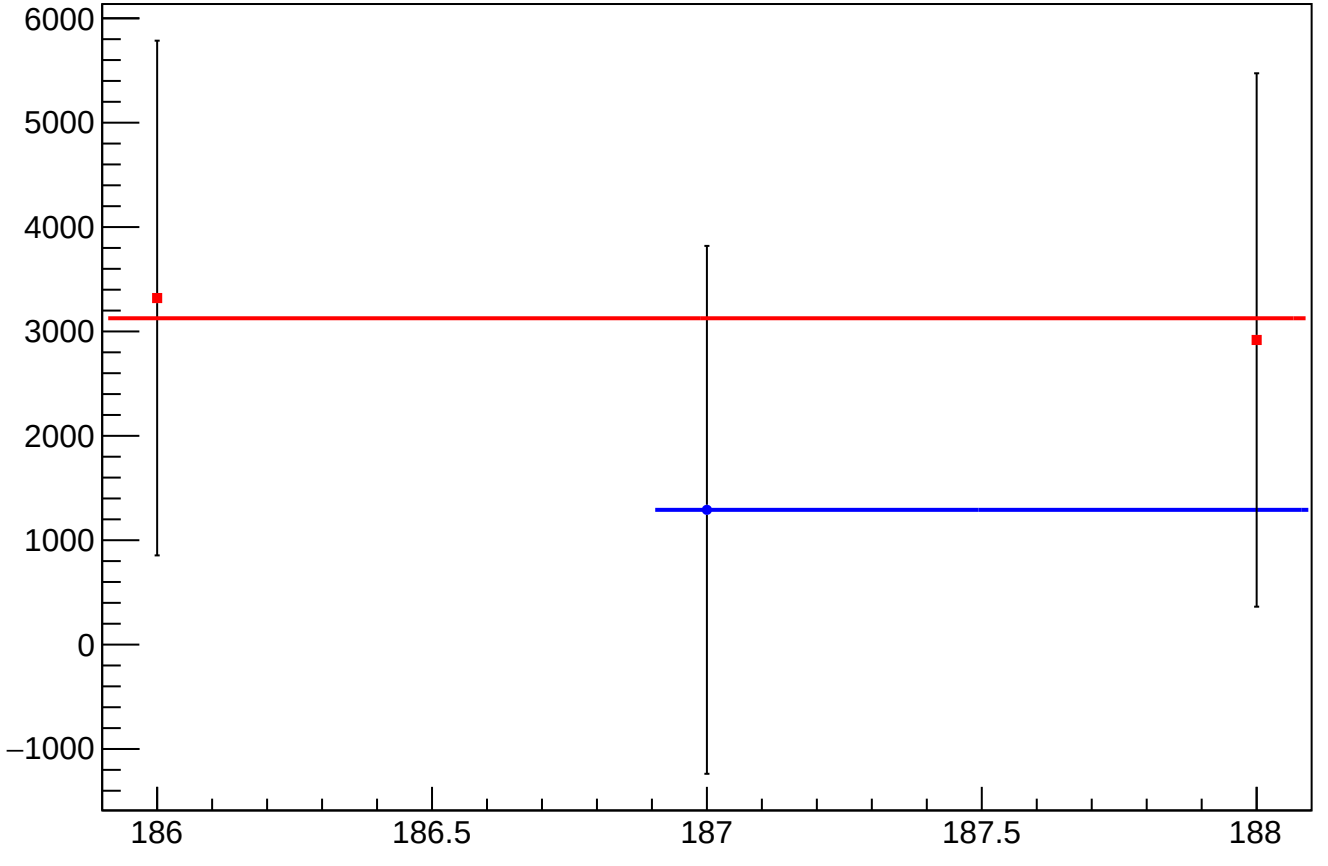
Right: 1127.801+/-0.980 χ^2/NDF: 63756.1/2

In: 932.335+/-1.696 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1127.801+/-0.980 χ^2/NDF: 63756.1/2

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 1290.959+/-2528.638 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3126.348+/-1774.189 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

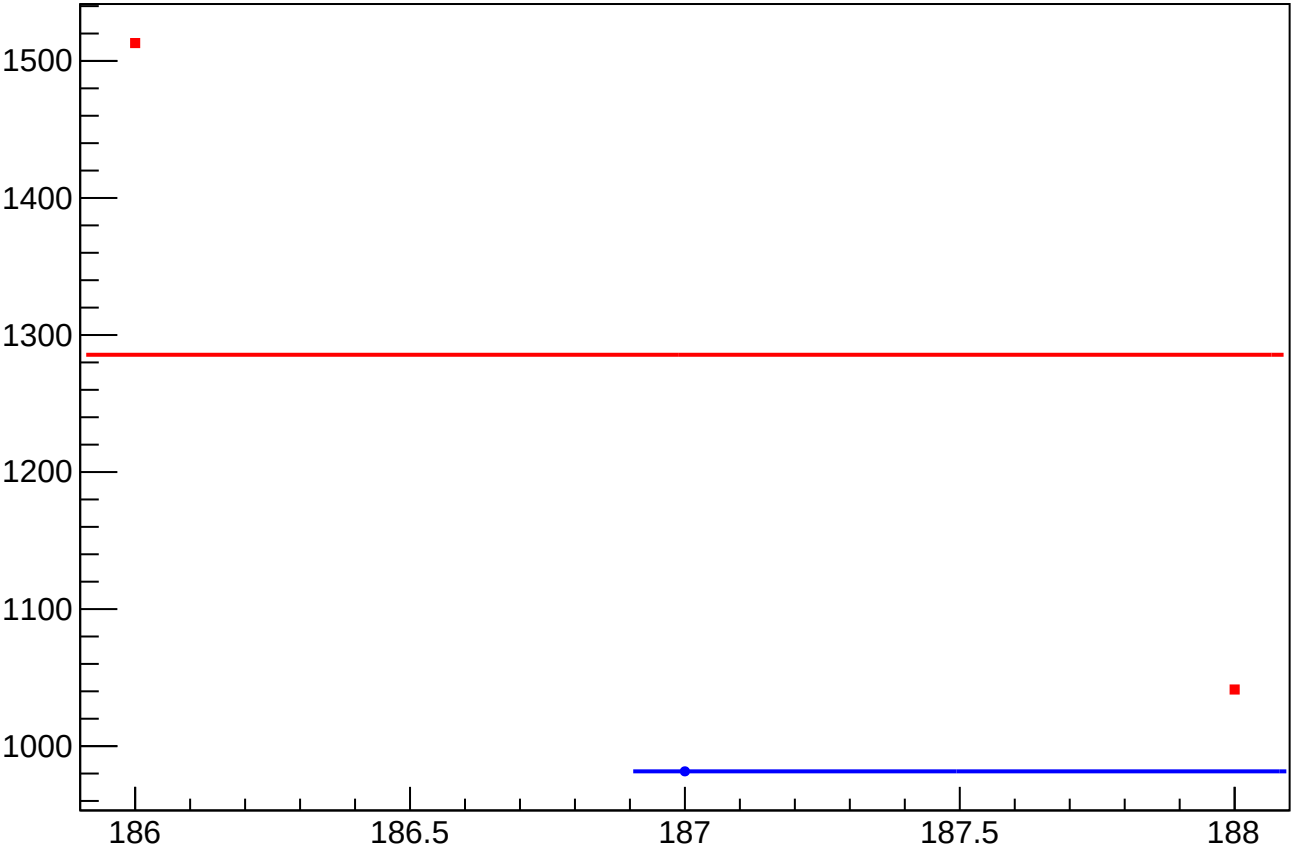
Right: 2520.868+/-1452.354 χ^2/NDF: 0.4/2

In: 1290.959+/-2528.638 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2520.868+/-1452.354 χ^2/NDF: 0.4/2

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 981.598+/-1.788 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1285.584+/-1.255 χ^2/NDF: 35302.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

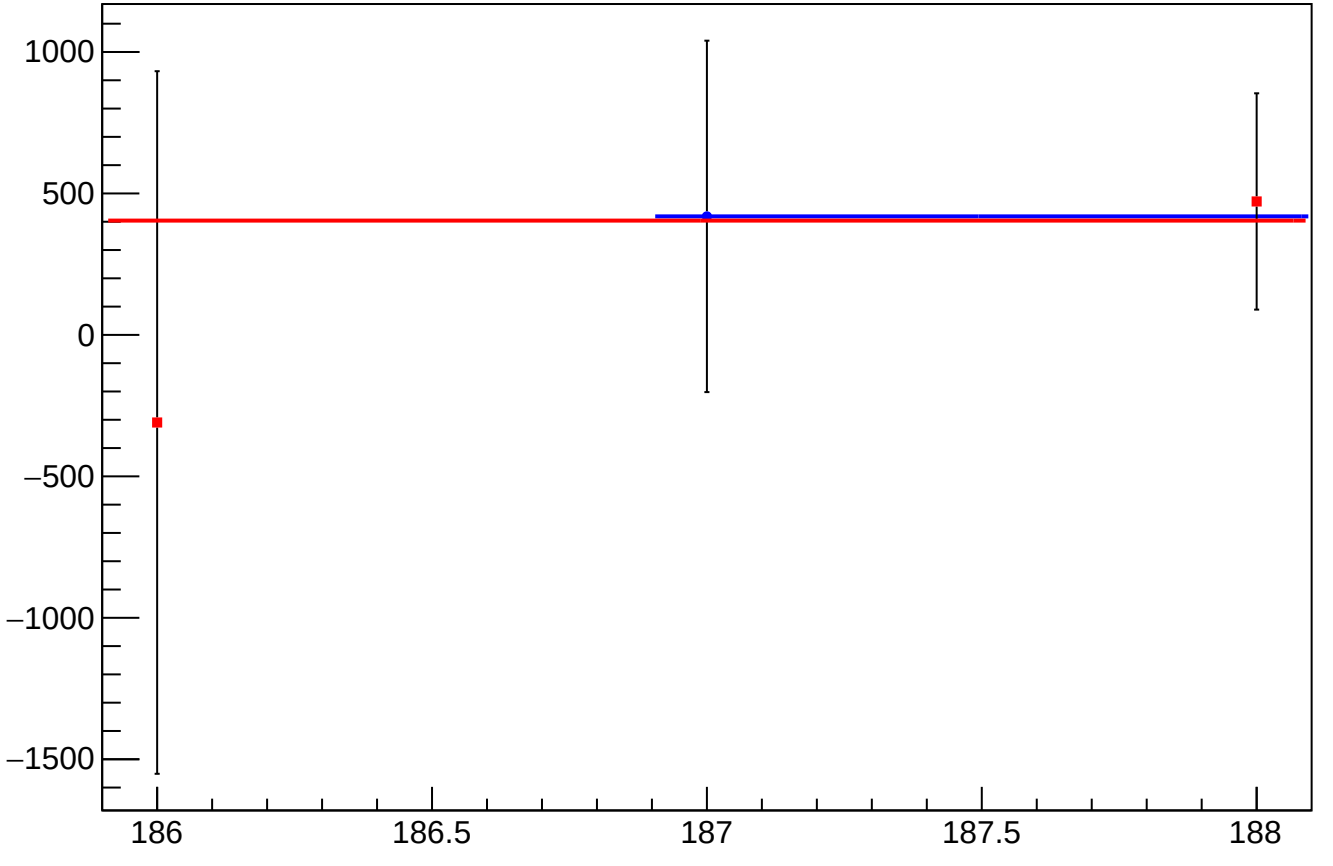
Right: 1185.302+/-1.027 χ^2/NDF: 54671.1/2

In: 981.598+/-1.788 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1185.302+/-1.027 χ^2/NDF: 54671.1/2

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 418.916+/-621.096 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 404.040+/-365.371 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

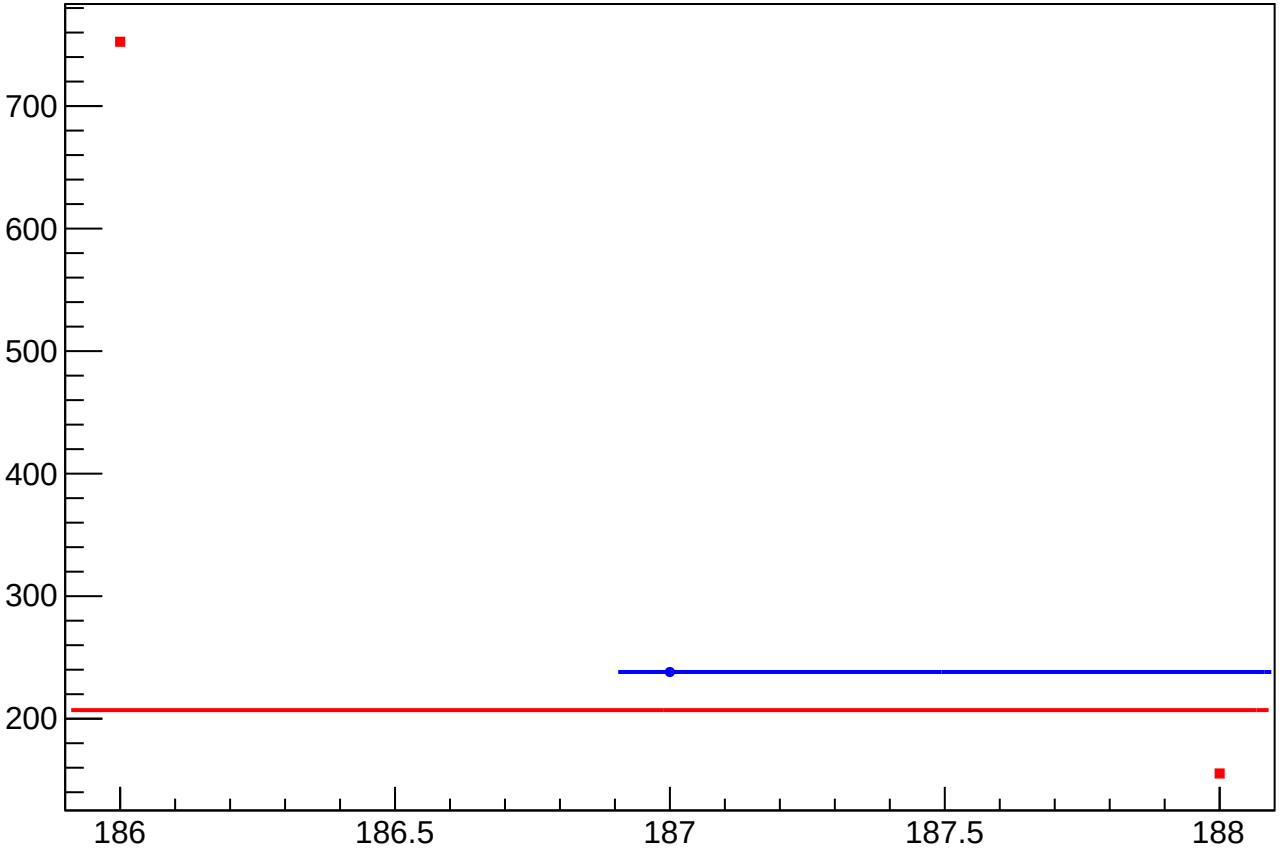
Right: 407.864+/-314.921 χ^2/NDF: 0.4/2

In: 418.916+/-621.096 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 407.864+/-314.921 χ^2/NDF: 0.4/2

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 238.135+/-0.439 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 207.010+/-0.258 χ^2/NDF: 422526.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

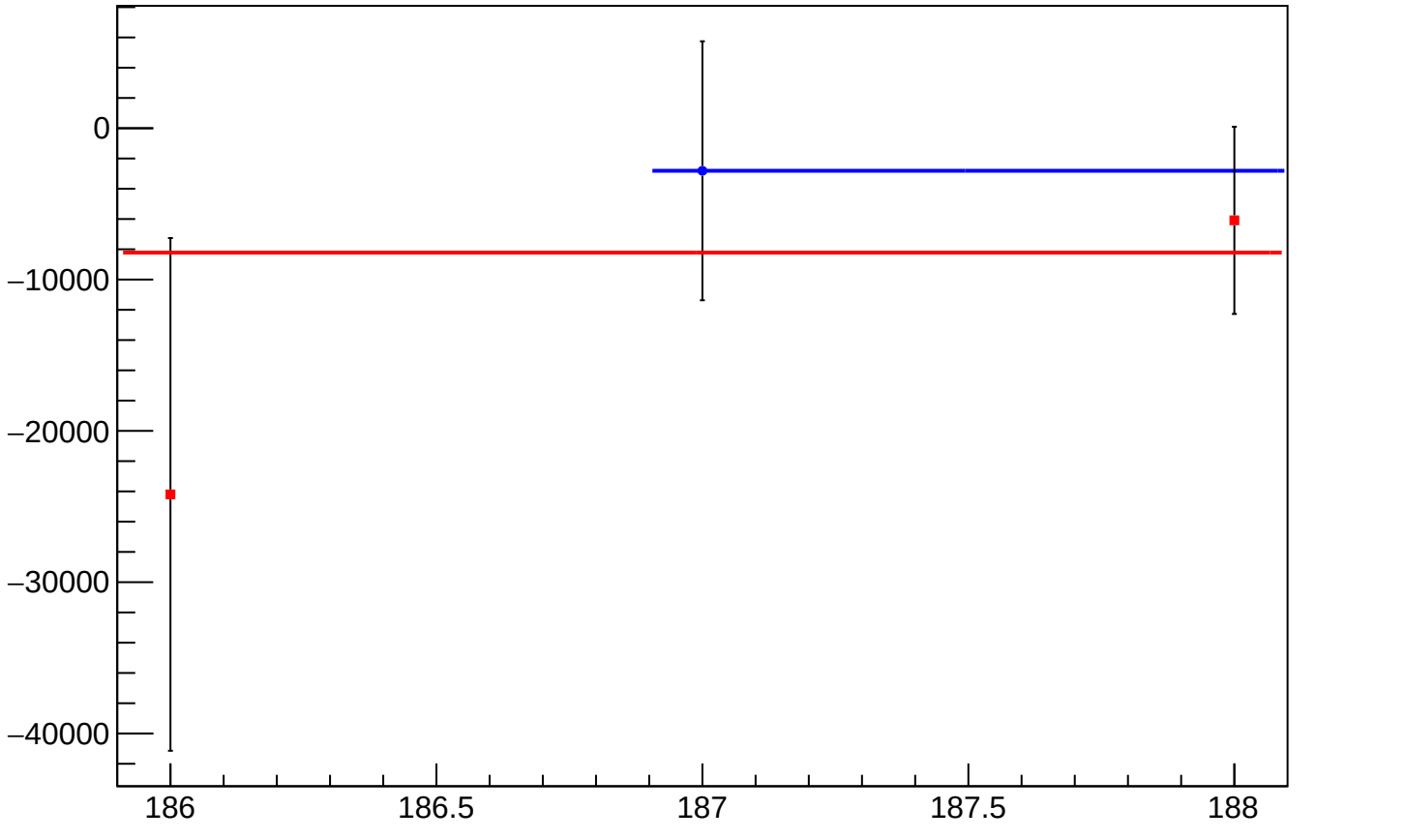
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 215.012+/-0.223 χ^2/NDF: 426258.1/2

In: 238.135+/-0.439 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 215.012+/-0.223 χ^2/NDF: 426258.1/2



Right In: -2811.607+/-8556.962 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8217.785+/-5810.450 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

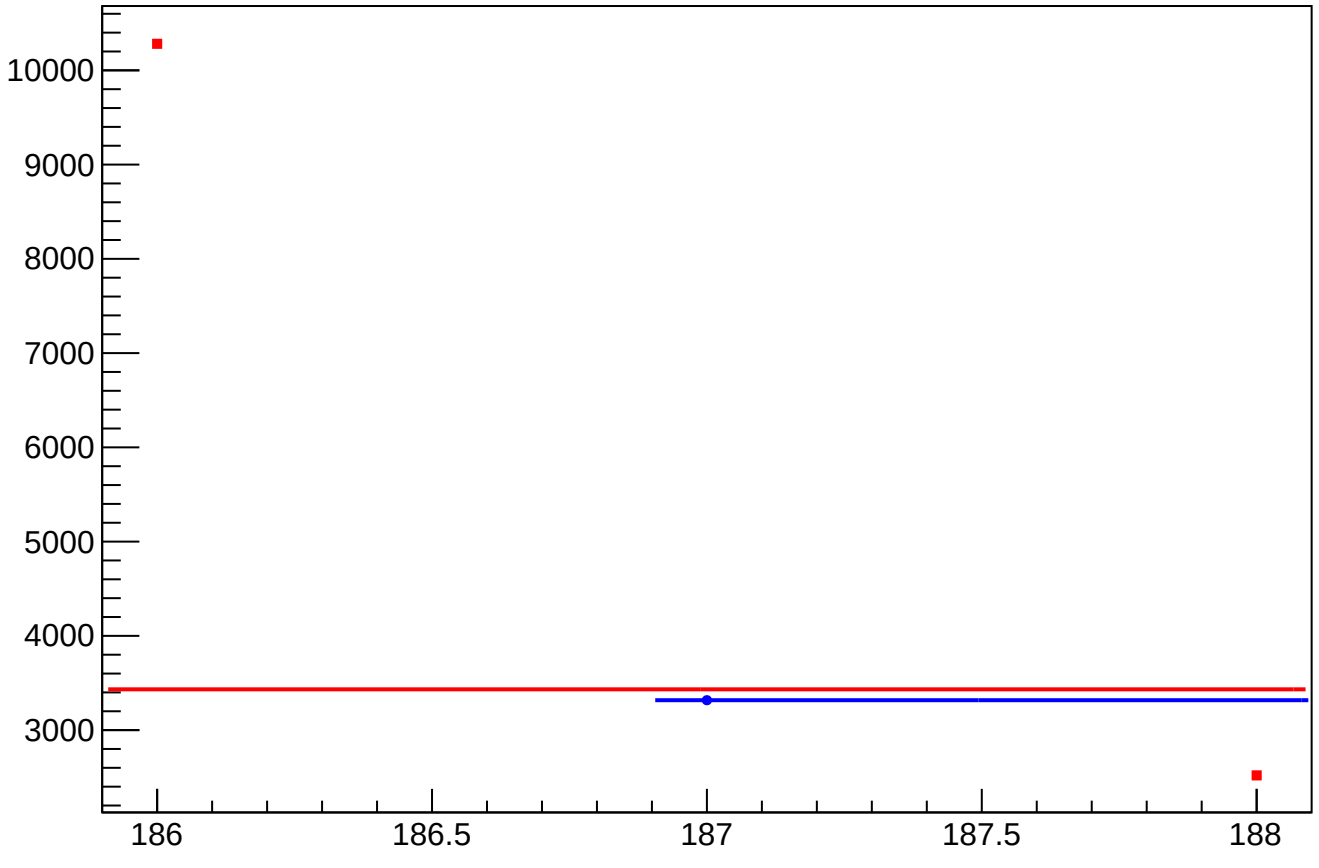
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6511.721+/-4806.978 χ^2/NDF: 1.3/2

In: -2811.607+/-8556.962 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6511.721+/-4806.978 χ^2/NDF: 1.3/2



Right In: 3317.380+/-6.051 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3432.749+/-4.109 χ^2/NDF: 370443.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

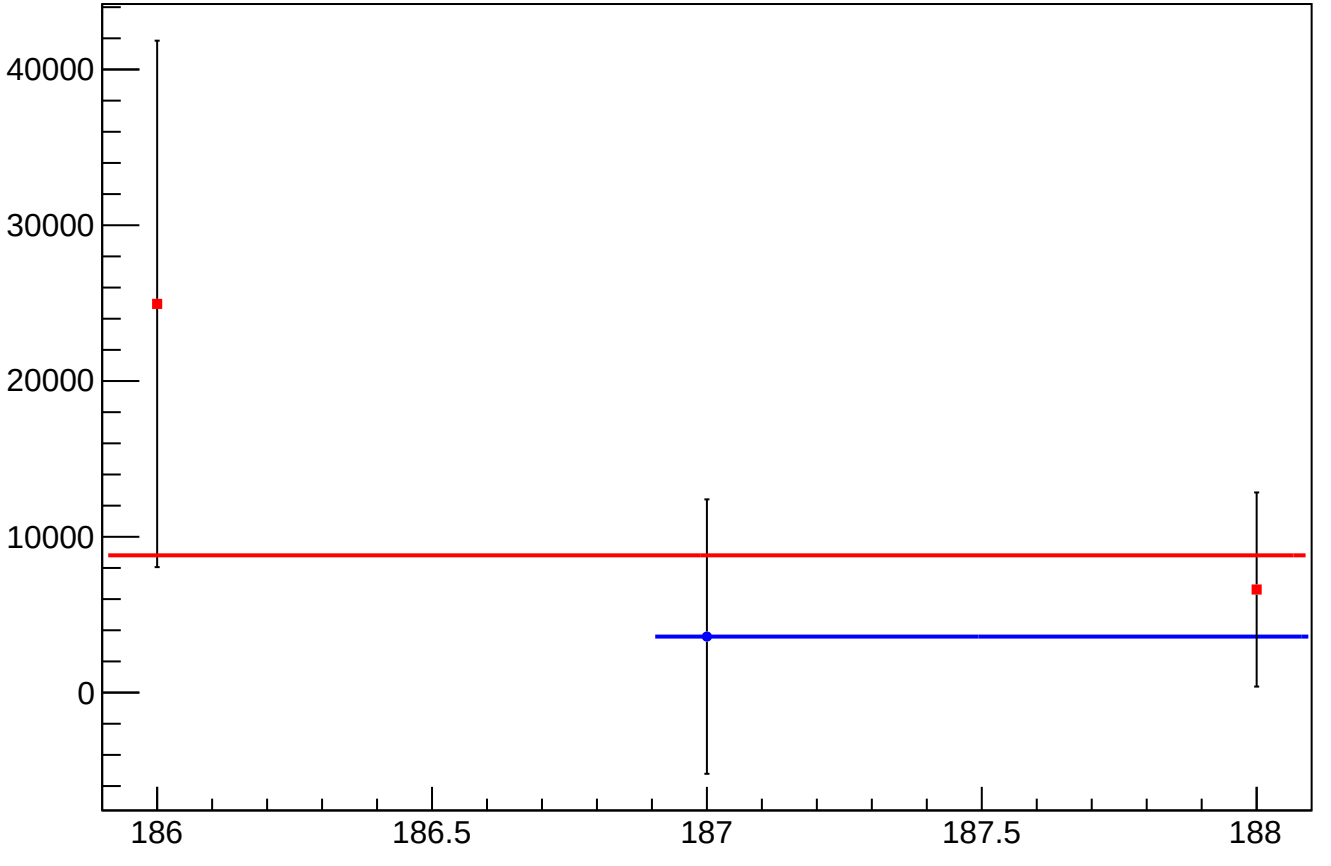
Right: 3396.341+/-3.399 χ^2/NDF: 370692.0/2

In: 3317.380+/-6.051 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3396.341+/-3.399 χ^2/NDF: 370692.0/2

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 3594.886+/-8808.527 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8810.720+/-5846.109 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

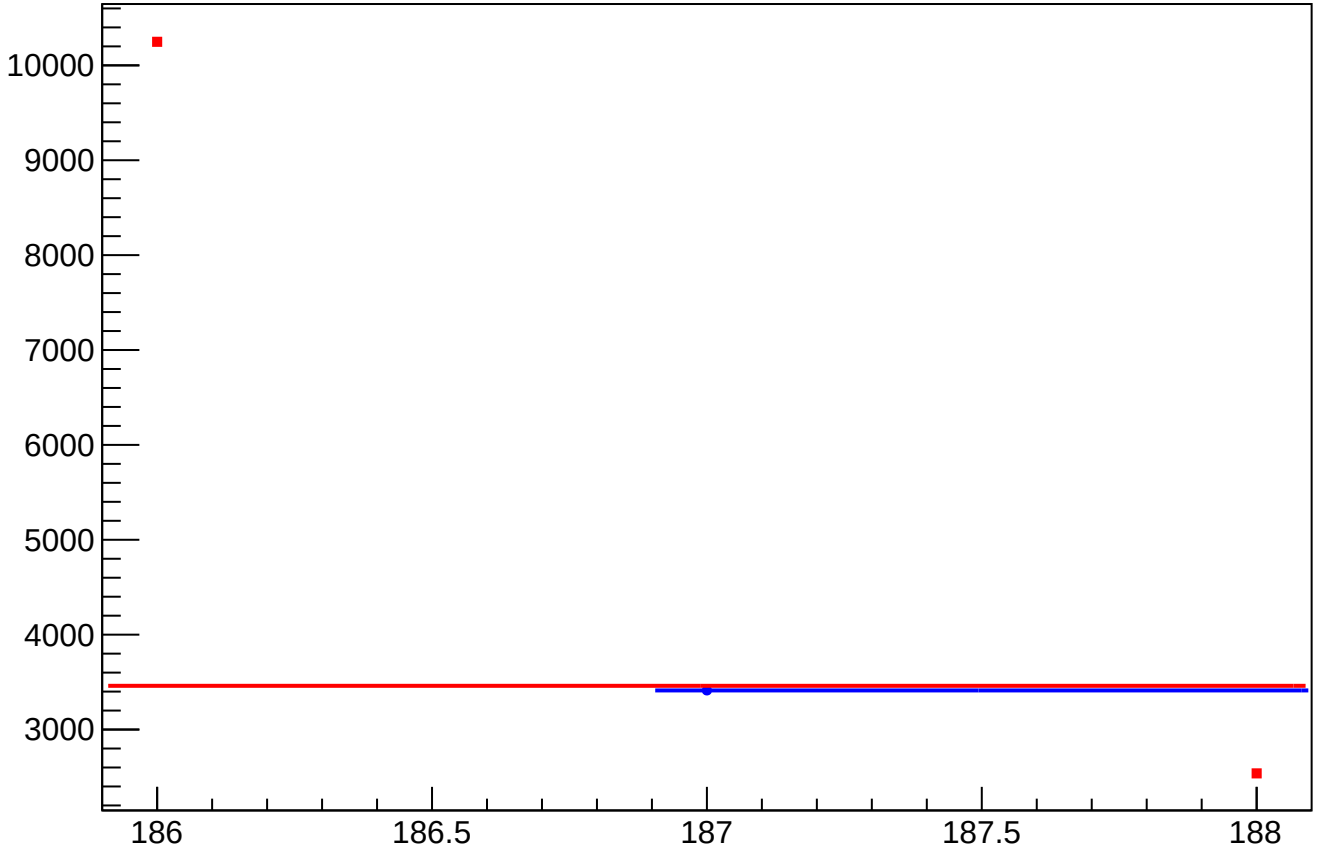
Right: 7215.783+/-4870.944 χ^2/NDF: 1.3/2

In: 3594.886+/-8808.527 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7215.783+/-4870.944 χ^2/NDF: 1.3/2

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 3412.225+/-6.229 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3460.847+/-4.134 χ^2/NDF: 366559.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

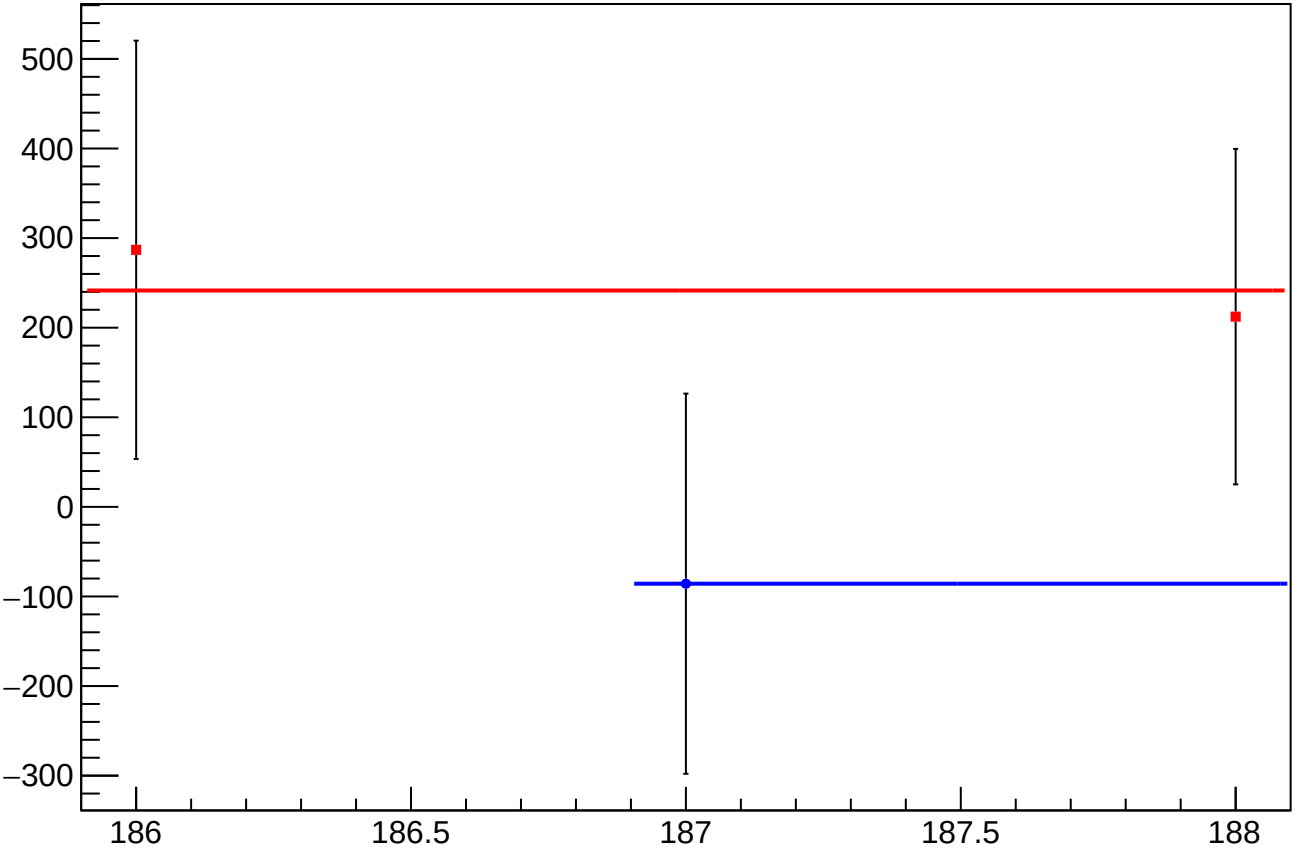
Right: 3445.979+/-3.444 χ^2/NDF: 366602.2/2

In: 3412.225+/-6.229 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3445.979+/-3.444 χ^2/NDF: 366602.2/2

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -85.759+/-212.183 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 241.517+/-146.053 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

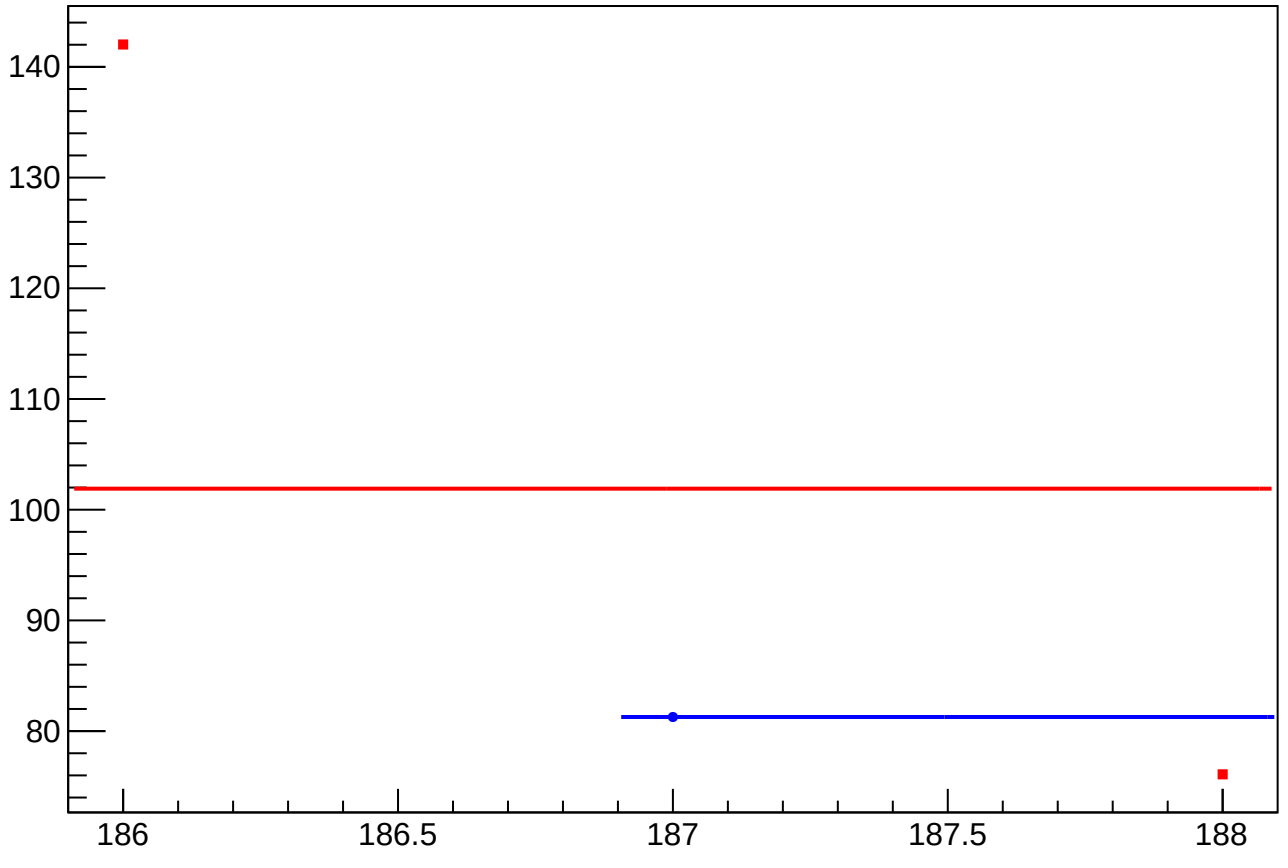
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 136.302+/-120.307 χ^2/NDF: 1.7/2

In: -85.759+/-212.183 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 136.302+/-120.307 χ^2/NDF: 1.7/2



Right In: 81.275+/-0.150 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 101.900+/-0.103 χ^2/NDF: 97065.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

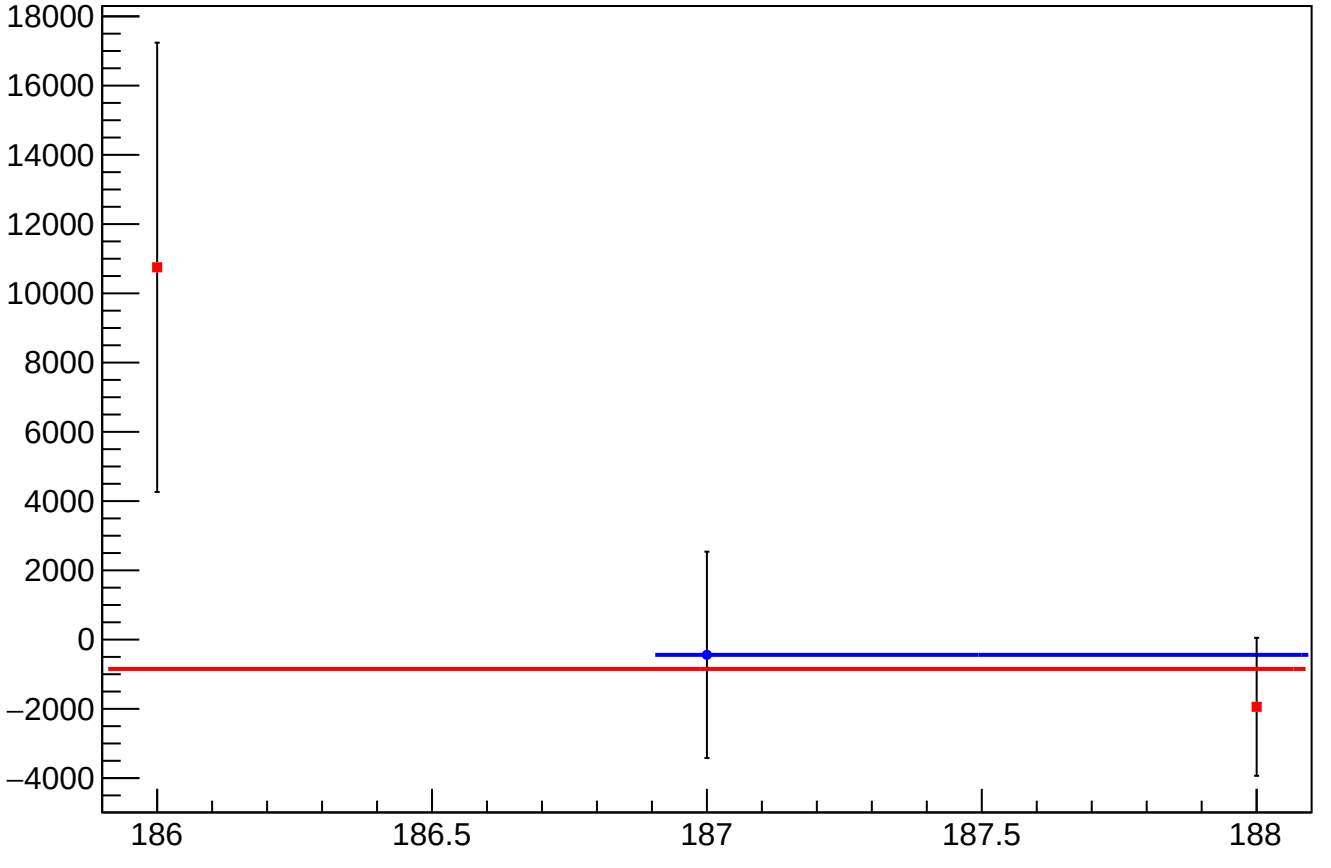
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 95.269+/-0.085 χ^2/NDF: 109887.4/2

In: 81.275+/-0.150 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 95.269+/-0.085 χ^2/NDF: 109887.4/2



Right In: -440.749+/-2980.456 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -847.513+/-1904.565 χ^2/NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

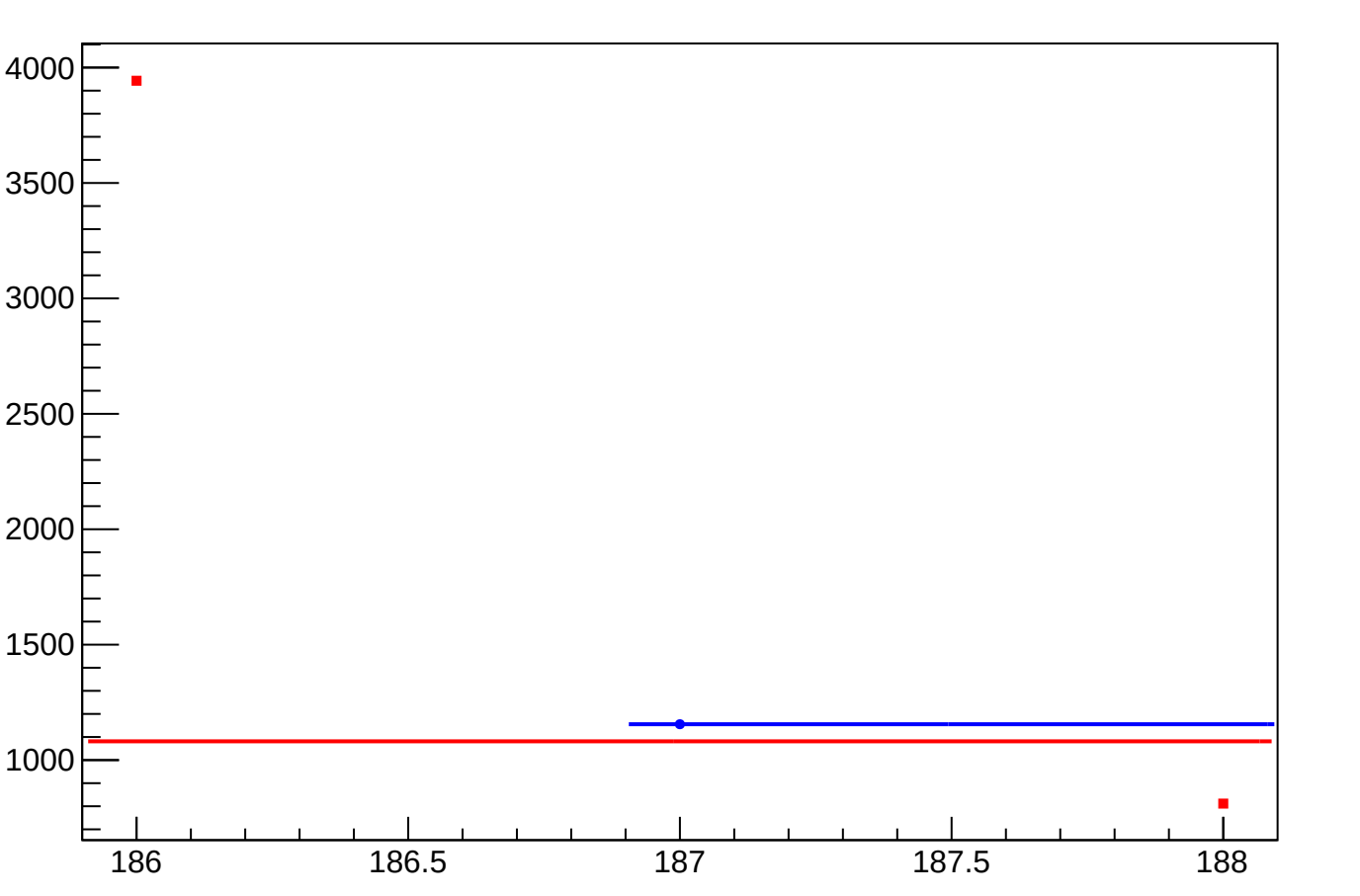
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -729.573+/-1604.876 χ^2/NDF: 3.5/2

In: -440.749+/-2980.456 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -729.573+/-1604.876 χ^2/NDF: 3.5/2



Right In: 1155.382+/-2.108 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1081.318+/-1.347 χ^2/NDF: 425705.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

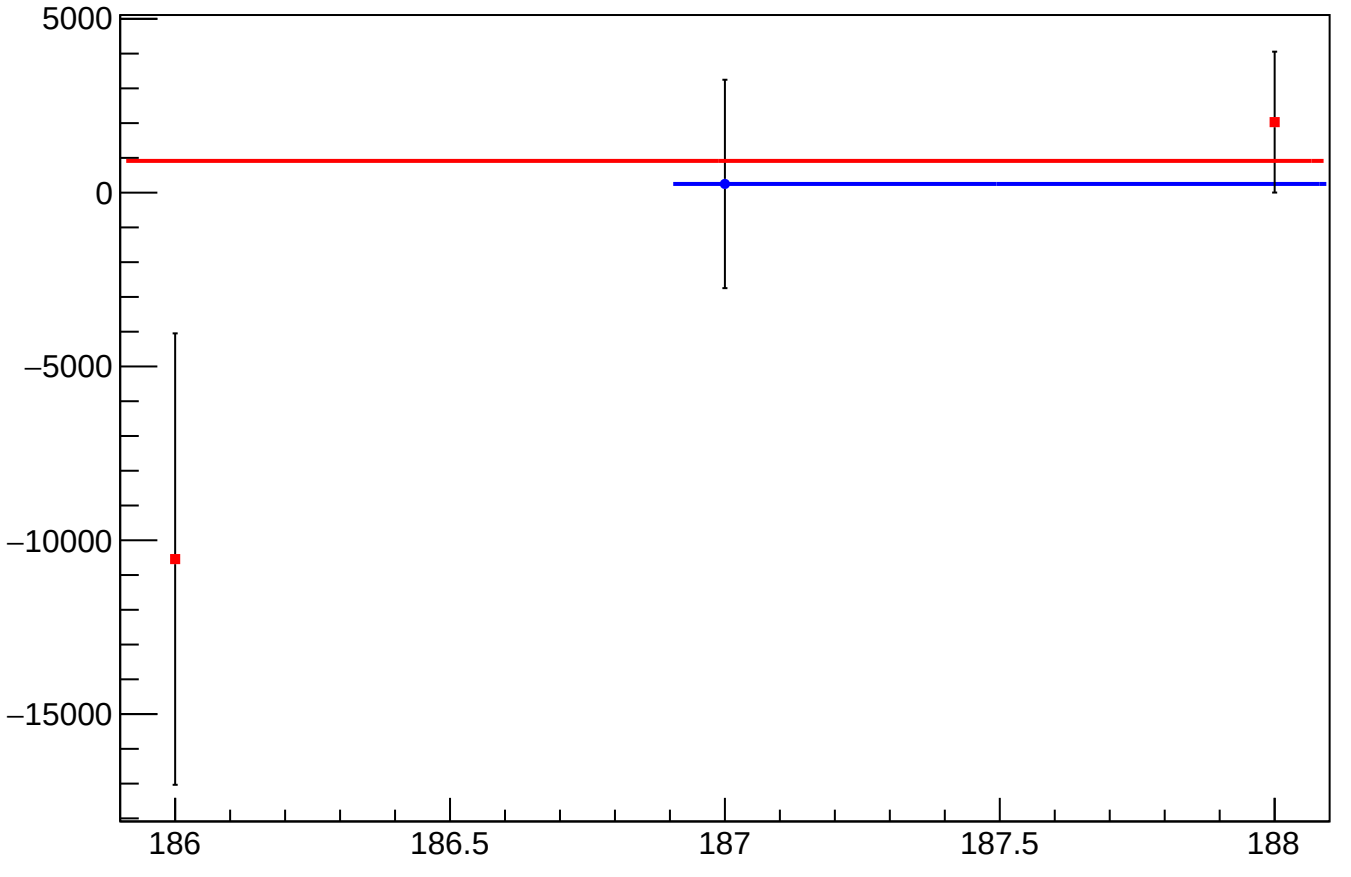
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1102.793+/-1.135 χ^2/NDF: 426582.4/2

In: 1155.382+/-2.108 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1102.793+/-1.135 χ^2/NDF: 426582.4/2



Right In: 250.414+/-2997.389 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 913.431+/-1934.435 χ^2/NDF: 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

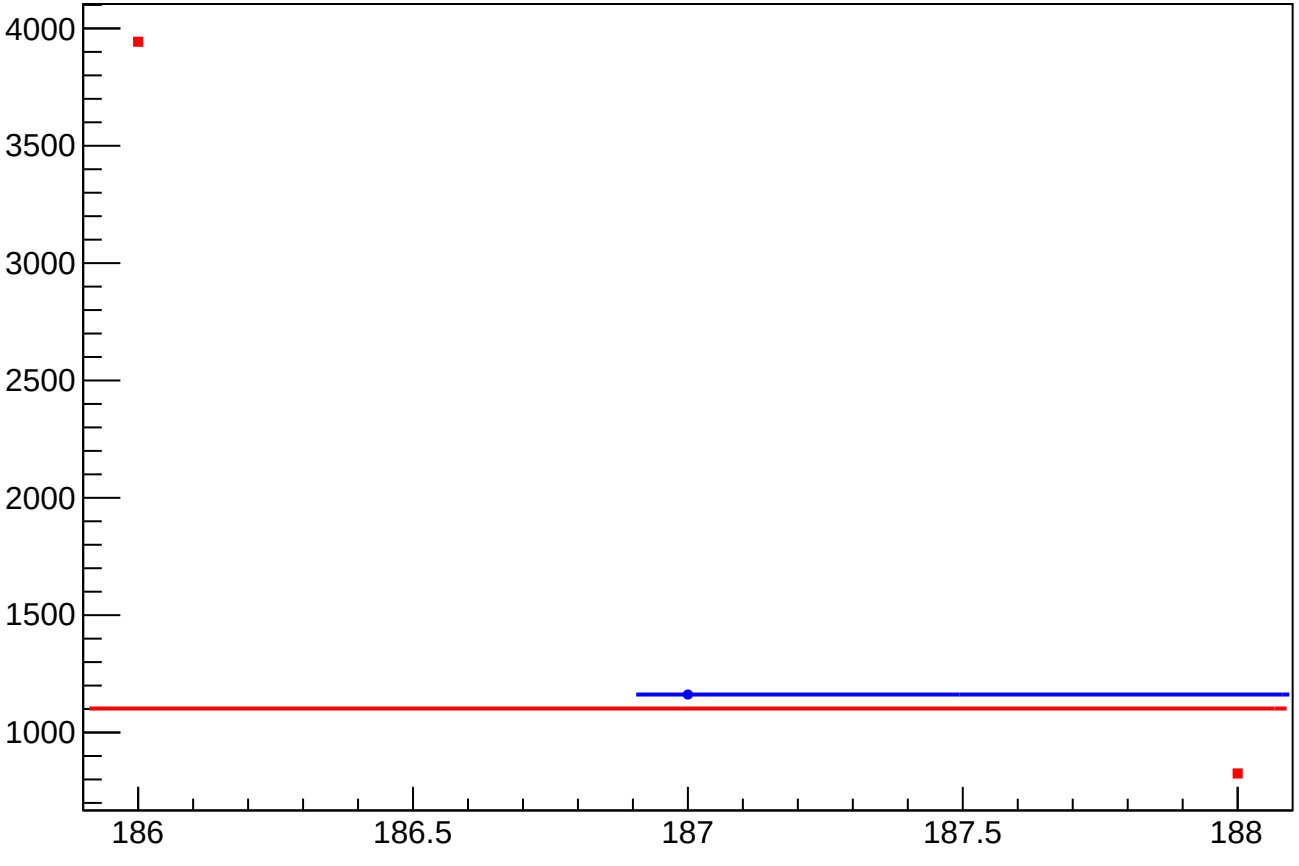
Right: 718.479+/-1625.342 χ^2/NDF: 3.4/2

In: 250.414+/-2997.389 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 718.479+/-1625.342 χ^2/NDF: 3.4/2

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 1161.863+/-2.119 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1102.247+/-1.368 χ^2/NDF: 420168.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

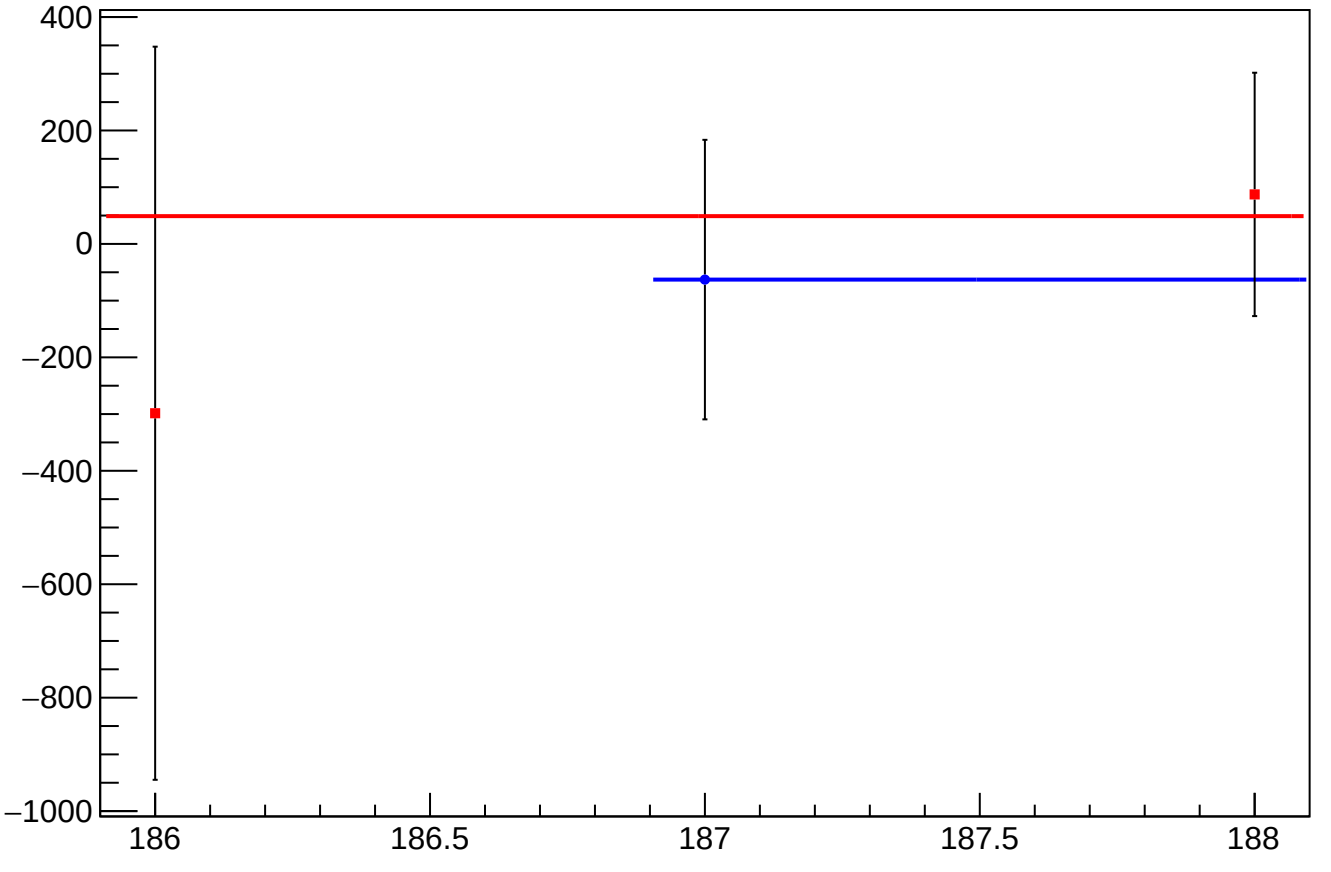
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1119.776+/-1.149 χ^2/NDF: 420726.7/2

In: 1161.863+/-2.119 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1119.776+/-1.149 χ^2/NDF: 420726.7/2



Right In: -62.913+/-246.406 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 48.984+/-203.609 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

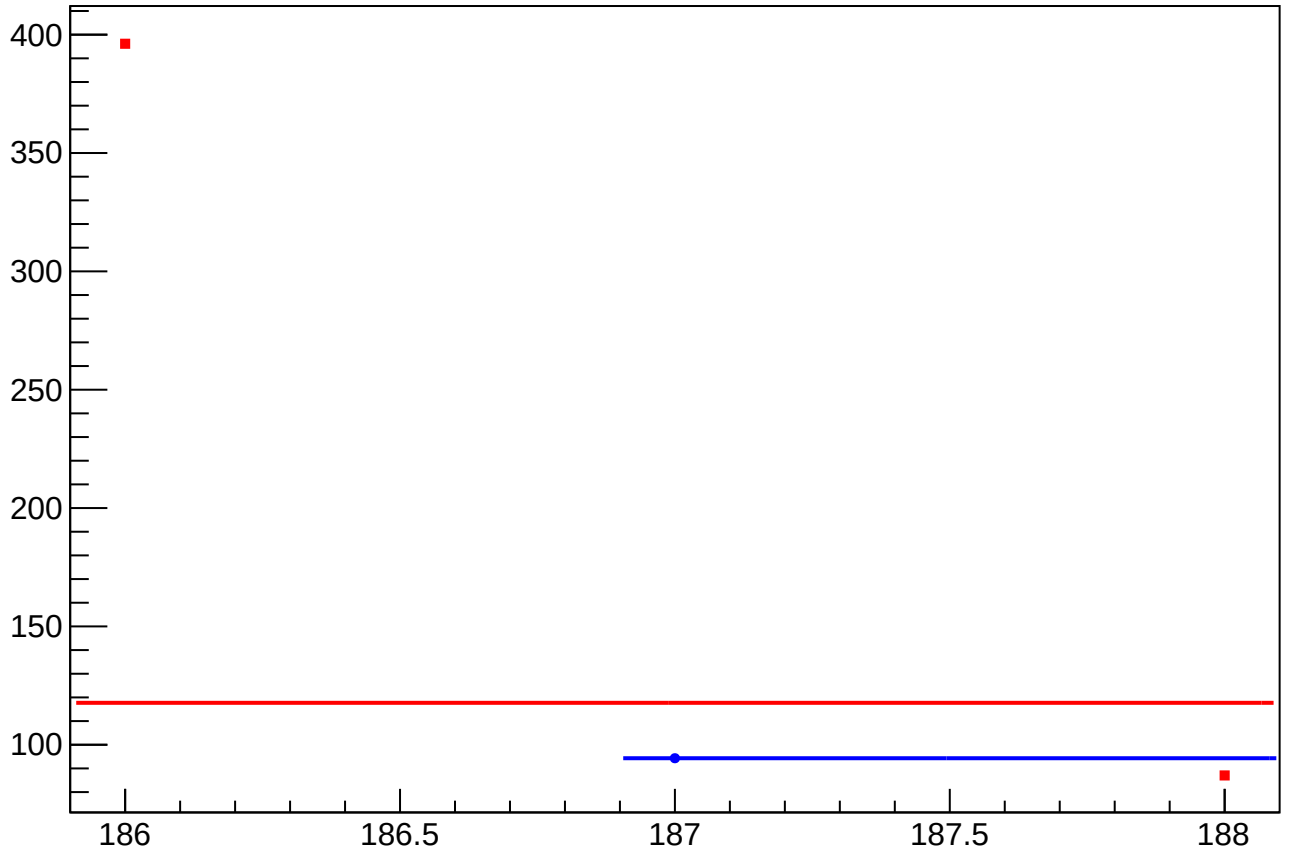
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.582+/-156.957 χ^2/NDF: 0.4/2

In: -62.913+/-246.406 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.582+/-156.957 χ^2/NDF: 0.4/2



Right In: 94.306+/-0.174 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 117.718+/-0.144 χ^2/NDF: 412161.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

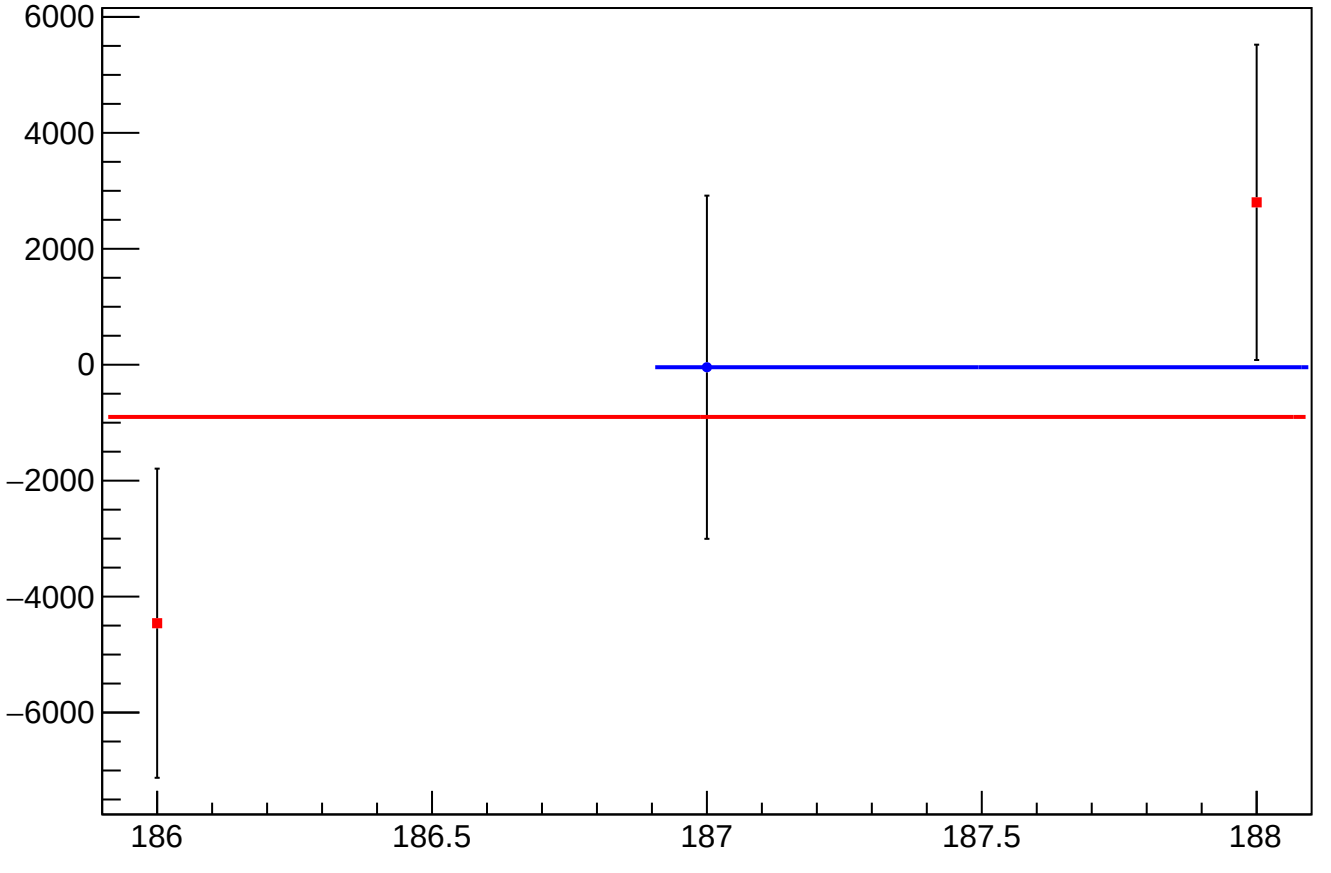
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 108.219+/-0.111 χ^2/NDF: 422890.3/2

In: 94.306+/-0.174 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 108.219+/-0.111 χ^2/NDF: 422890.3/2



Right In: -43.139+/-2960.156 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -900.551+/-1904.169 χ^2/NDF: 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

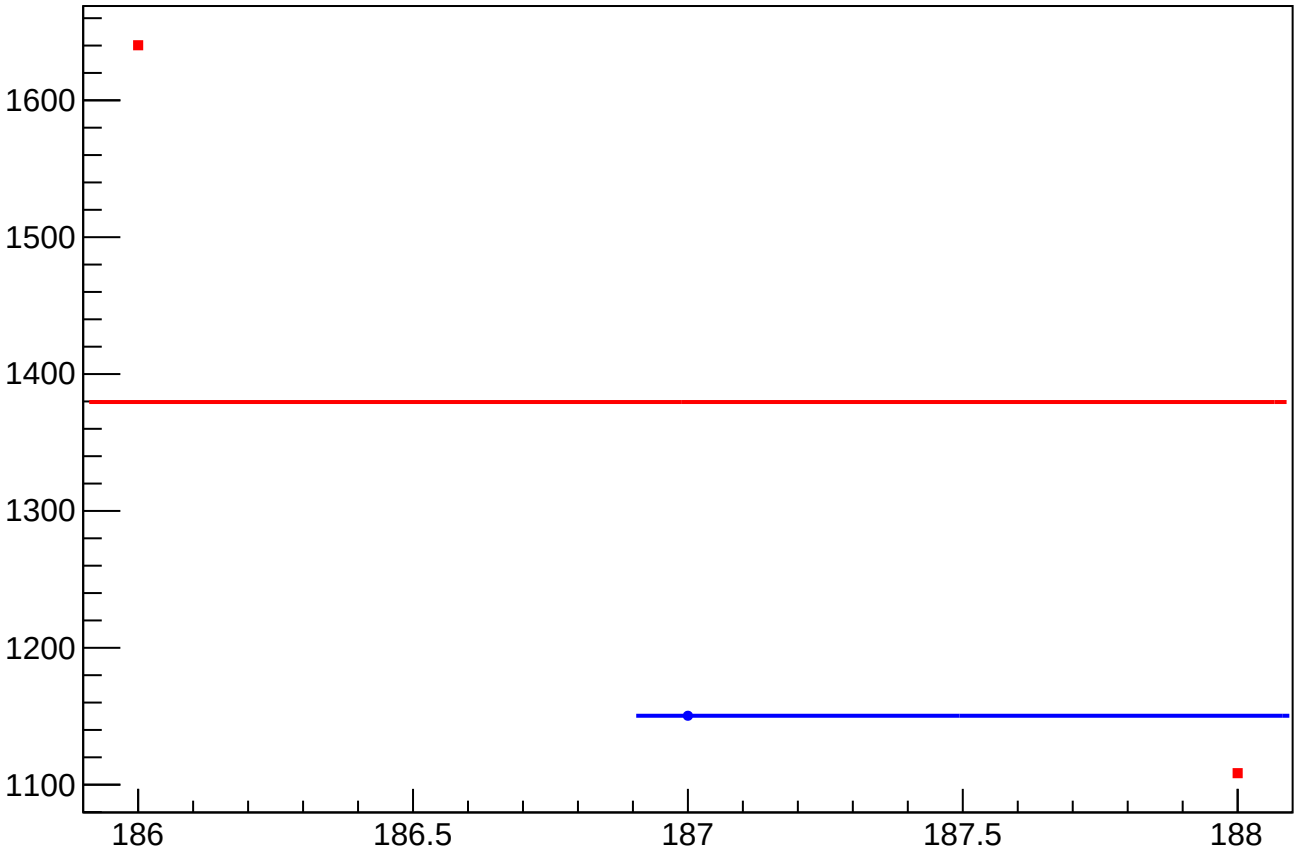
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -649.602+/-1601.447 χ^2/NDF: 3.7/2

In: -43.139+/-2960.156 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -649.602+/-1601.447 χ^2/NDF: 3.7/2



Right In: 1150.364+/-2.093 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1379.571+/-1.346 χ^2/NDF: 38984.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

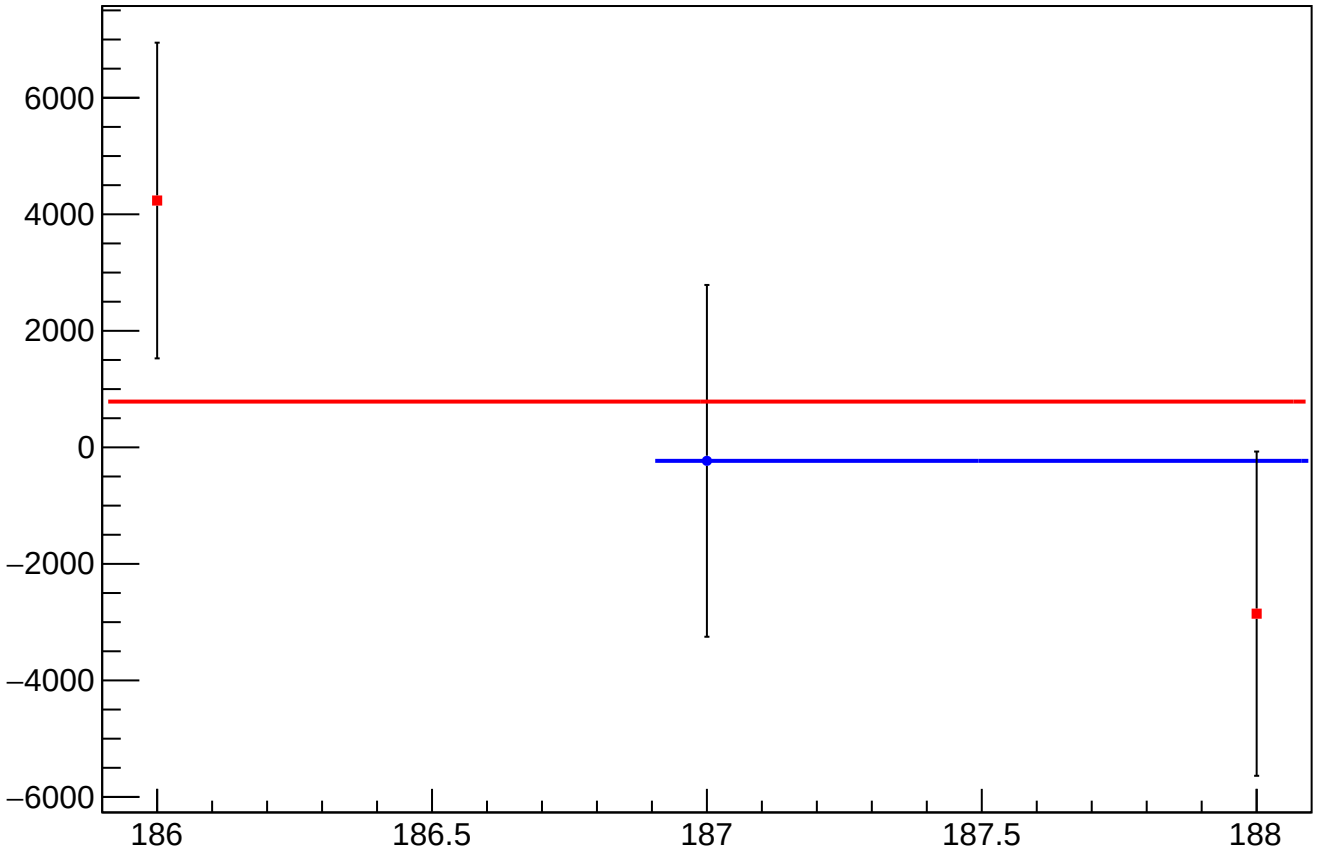
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1312.486+/-1.132 χ^2/NDF: 47466.1/2

In: 1150.364+/-2.093 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1312.486+/-1.132 χ^2/NDF: 47466.1/2



Right In: -231.571+/-3019.116 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 785.696+/-1941.217 χ^2/NDF: 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

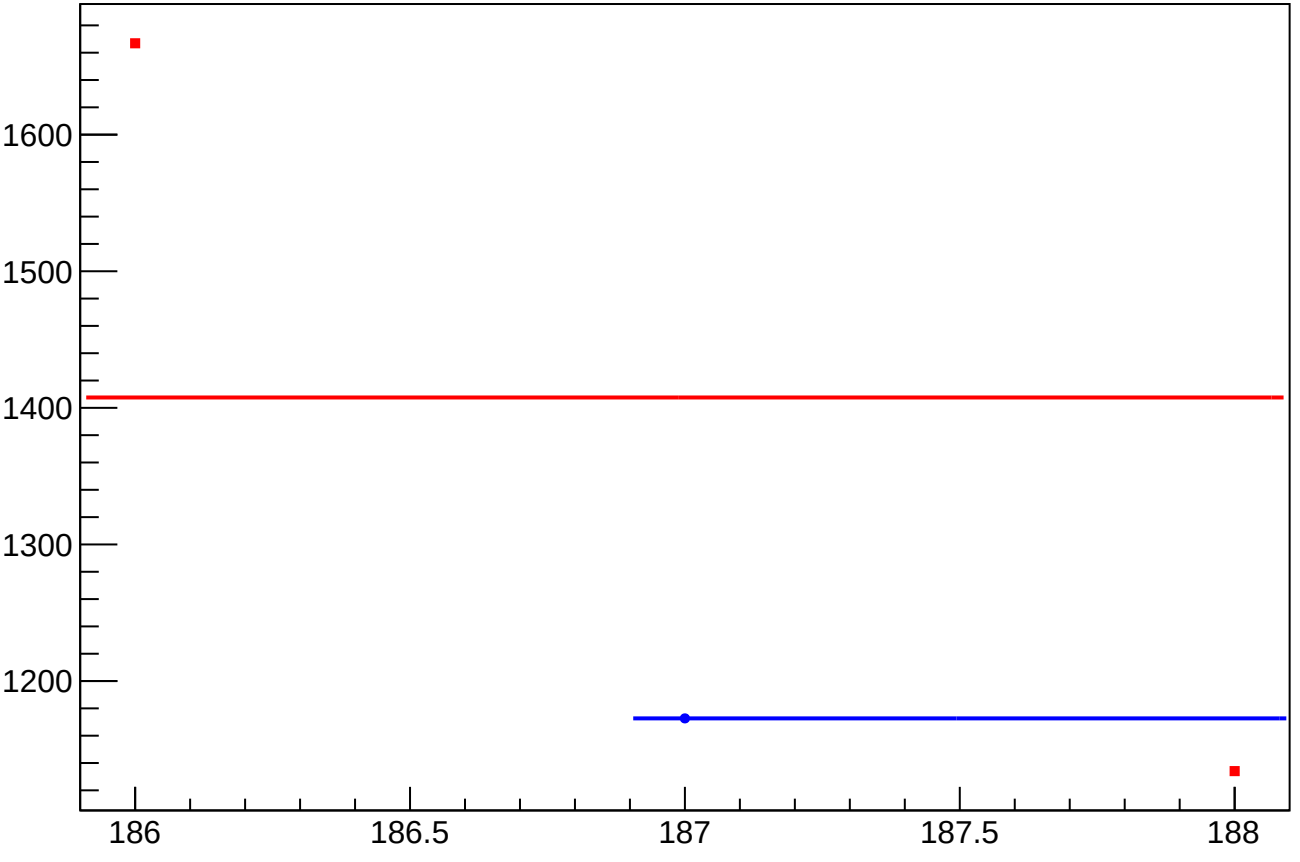
Right: 488.151+/-1632.822 χ^2/NDF: 3.4/2

In: -231.571+/-3019.116 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 488.151+/-1632.822 χ^2/NDF: 3.4/2

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 1172.669+/-2.135 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1407.590+/-1.373 χ^2/NDF: 37641.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

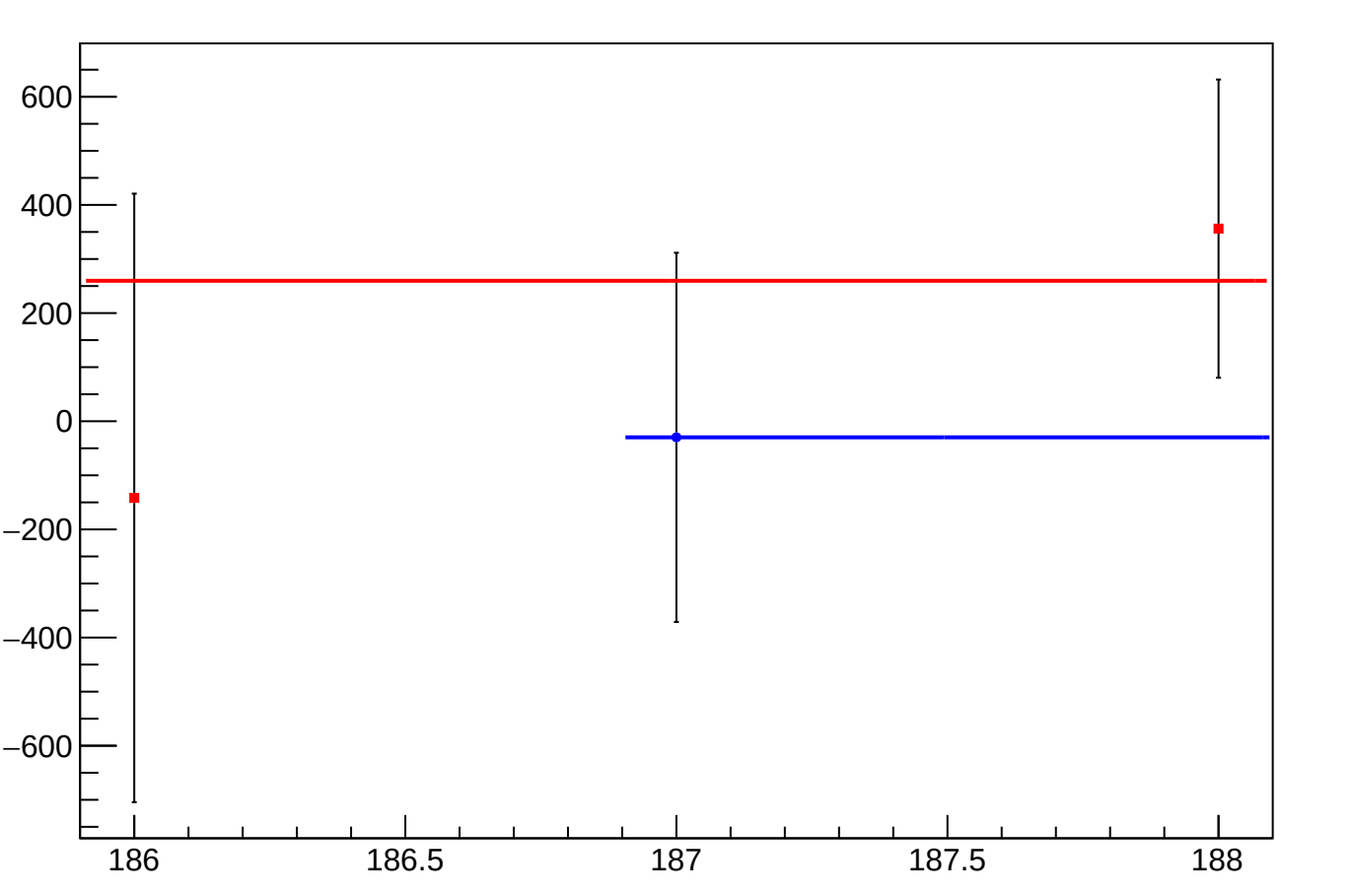
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1338.877+/-1.155 χ^2/NDF: 46208.5/2

In: 1172.669+/-2.135 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1338.877+/-1.155 χ^2/NDF: 46208.5/2



Right In: -29.743+/-341.314 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 259.700+/-247.604 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

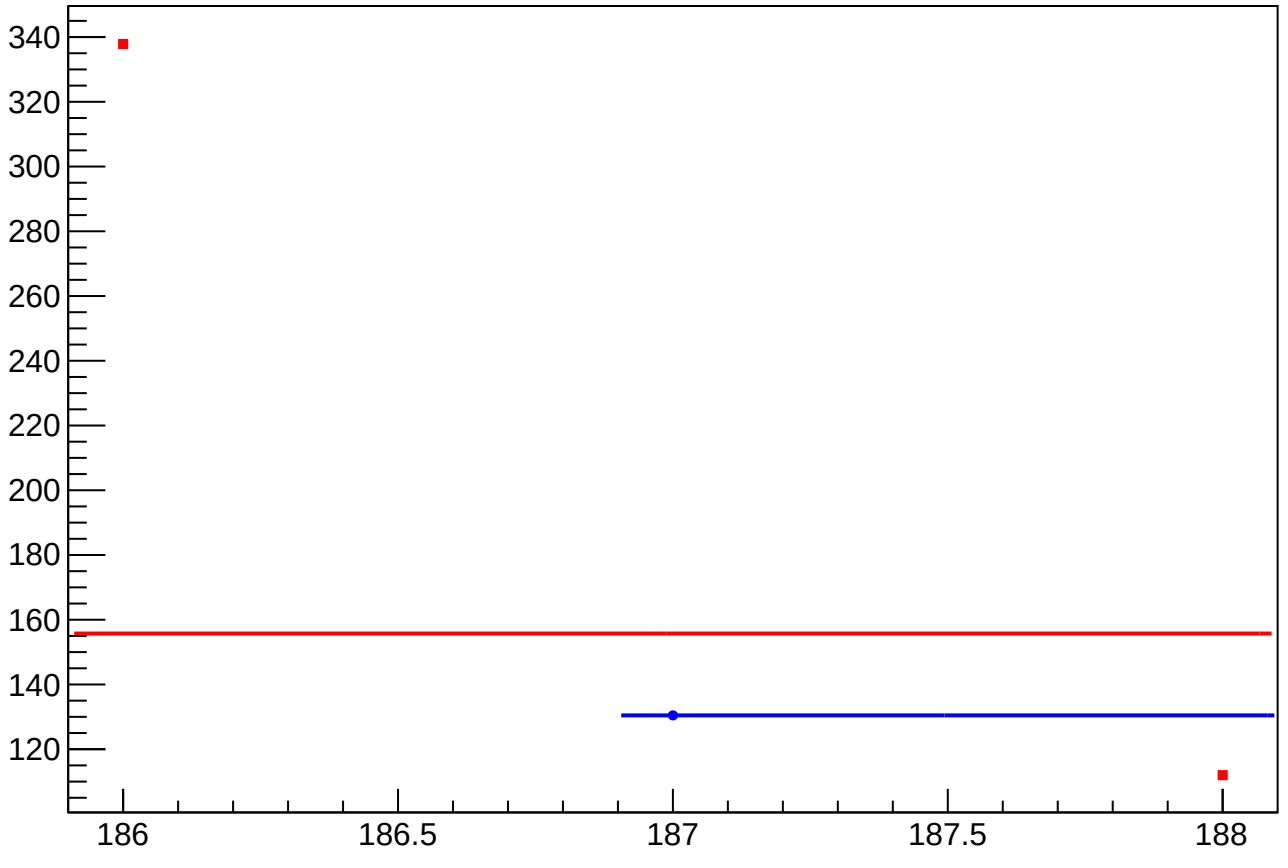
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 159.898+/-200.421 χ^2/NDF: 1.1/2

In: -29.743+/-341.314 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 159.898+/-200.421 χ^2/NDF: 1.1/2



Right In: 130.453+/-0.241 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 155.735+/-0.175 χ^2/NDF: 259953.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

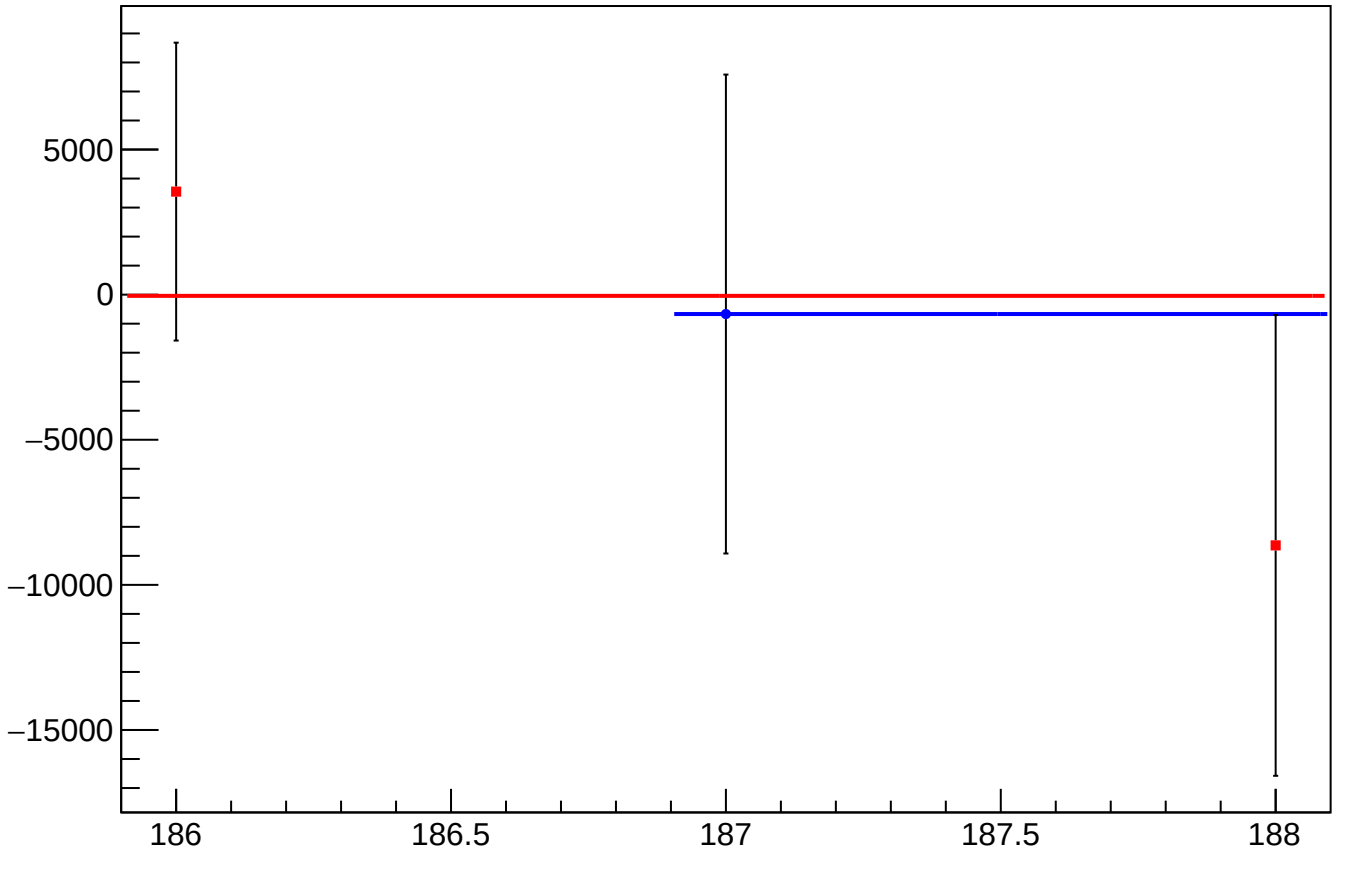
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 147.018+/-0.142 χ^2/NDF: 267142.4/2

In: 130.453+/-0.241 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 147.018+/-0.142 χ^2/NDF: 267142.4/2



Right In: -668.093+/-8250.852 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -41.766+/-4310.108 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

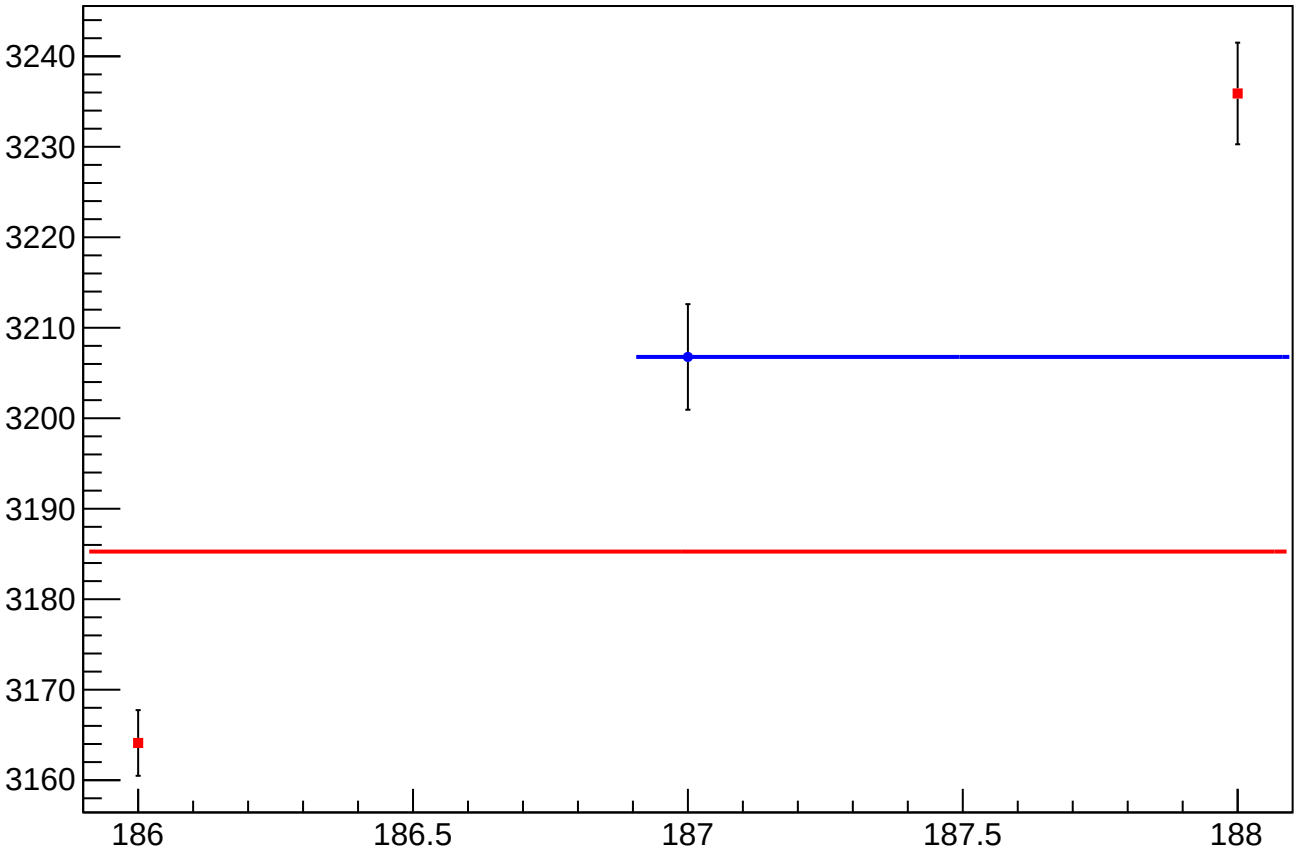
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -176.040+/-3820.267 χ^2/NDF: 1.7/2

In: -668.093+/-8250.852 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -176.040+/-3820.267 χ^2/NDF: 1.7/2



Right In: 3206.777+/-5.834 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3185.266+/-3.048 χ^2/NDF: 115.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

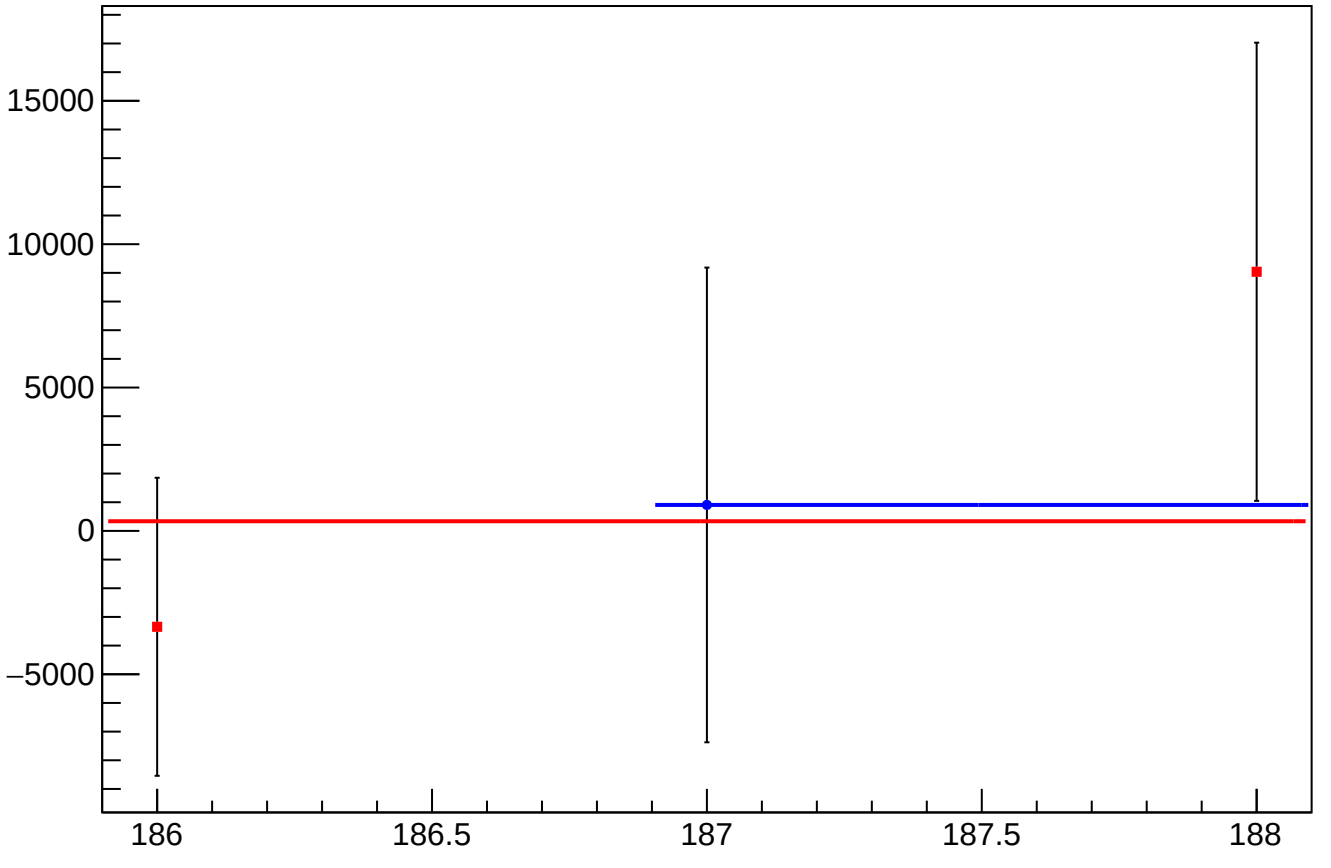
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3189.878+/-2.701 χ^2/NDF: 126.0/2

In: 3206.777+/-5.834 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3189.878+/-2.701 χ^2/NDF: 126.0/2



Right In: 905.920+/-8278.654 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 336.960+/-4356.692 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

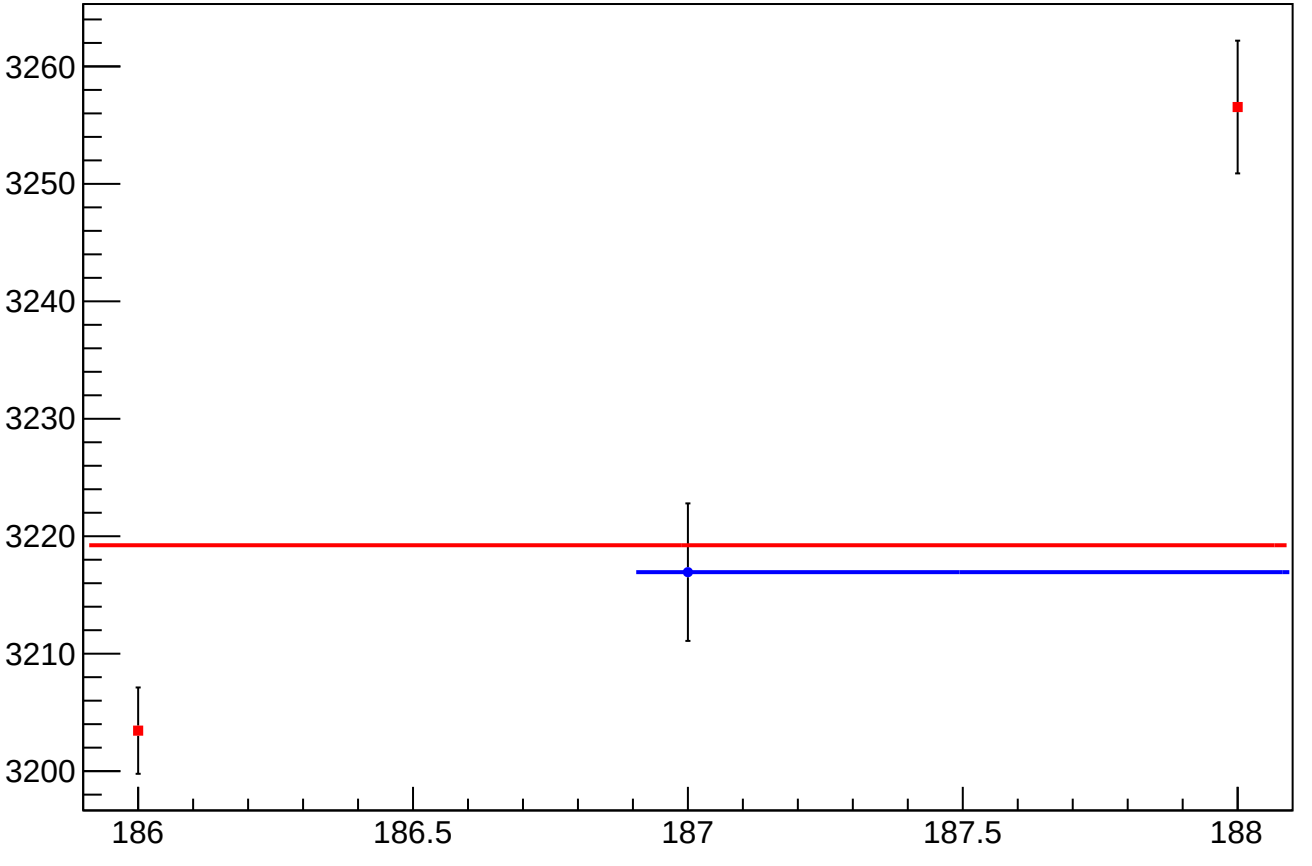
Right: 460.356+/-3855.411 χ^2/NDF: 1.7/2

In: 905.920+/-8278.654 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 460.356+/-3855.411 χ^2/NDF: 1.7/2

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 3216.942+/-5.854 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3219.233+/-3.081 χ^2/NDF: 62.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

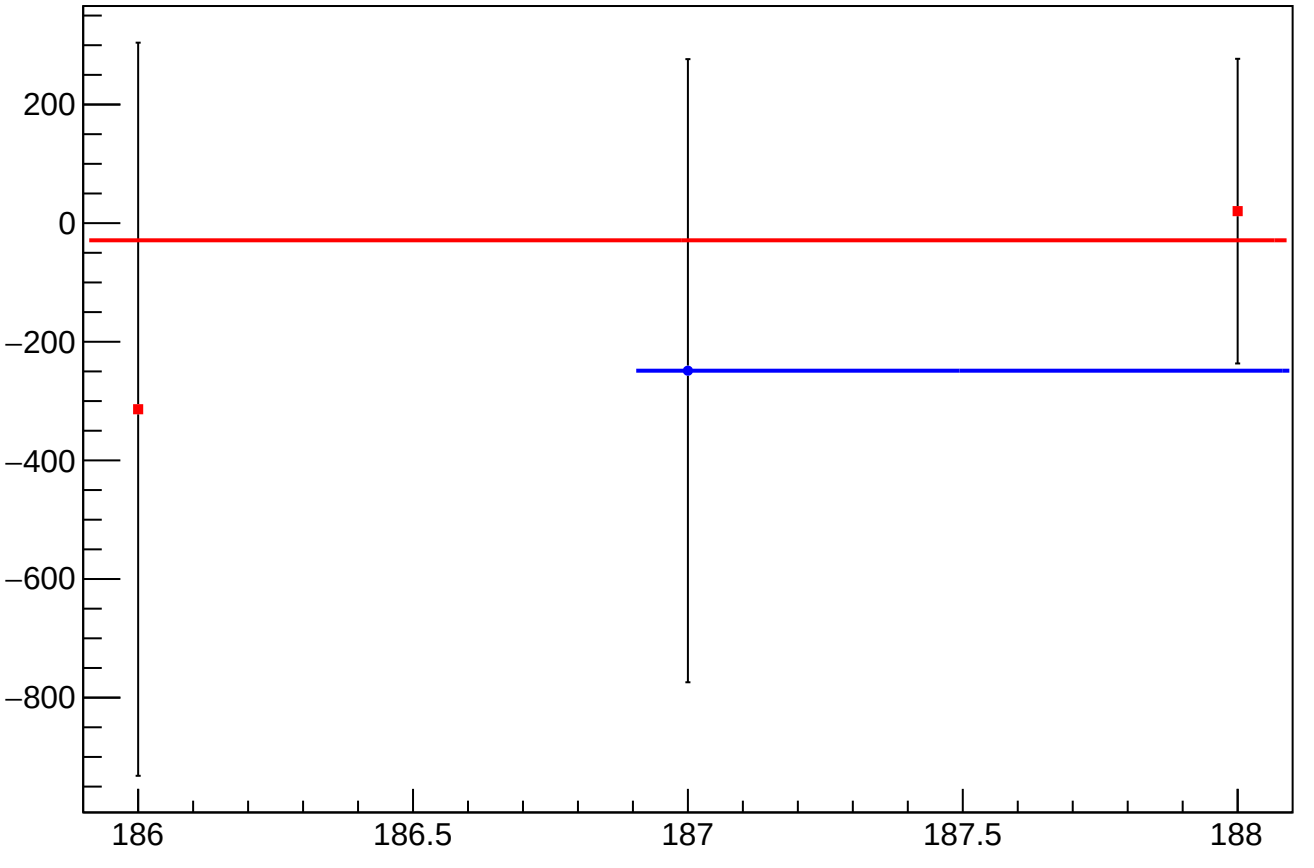
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3218.736+/-2.726 χ^2/NDF: 62.2/2

In: 3216.942+/-5.854 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3218.736+/-2.726 χ^2/NDF: 62.2/2



Right In: -248.785+/-525.318 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -28.930+/-237.164 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

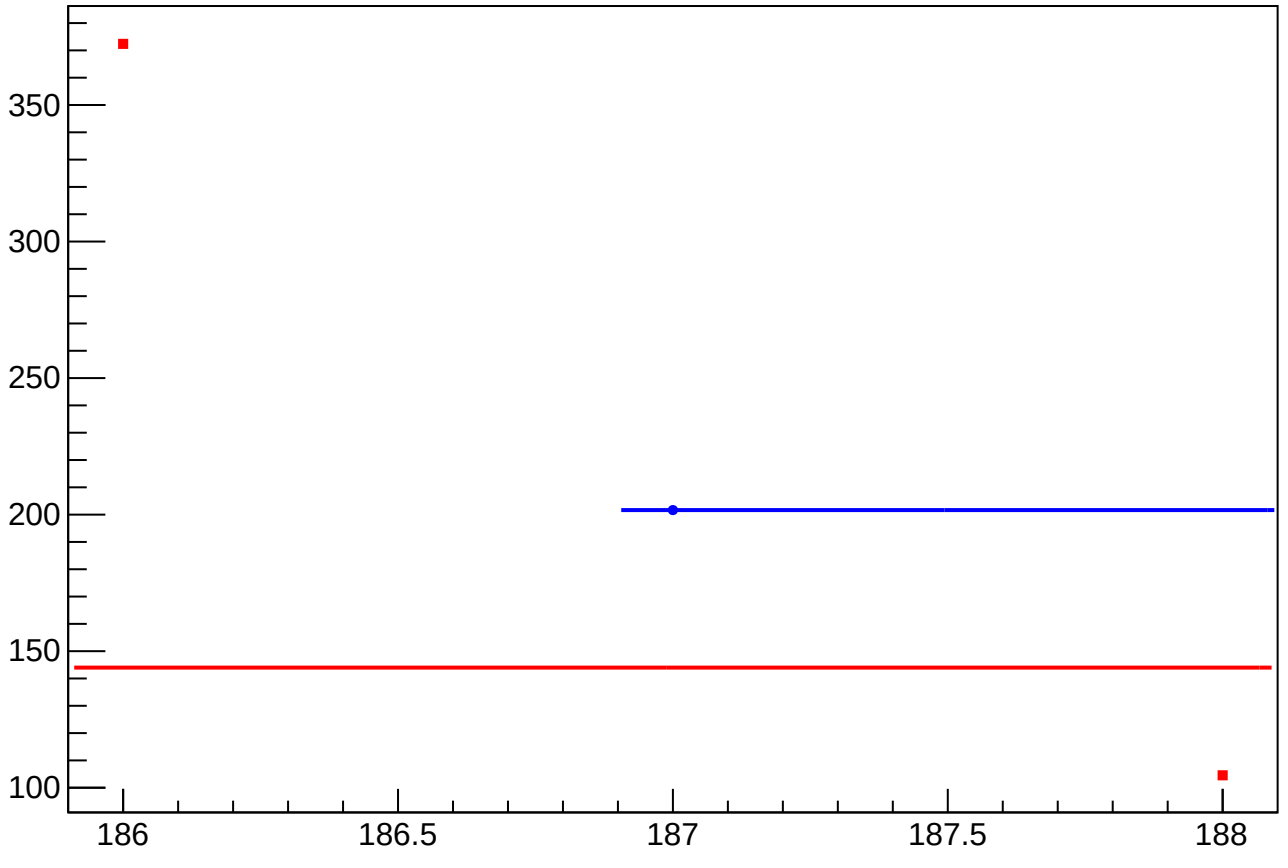
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -66.155+/-216.156 χ^2/NDF: 0.4/2

In: -248.785+/-525.318 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -66.155+/-216.156 χ^2/NDF: 0.4/2



Right In: 201.668+/-0.371 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 143.987+/-0.168 χ^2/NDF: 320311.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

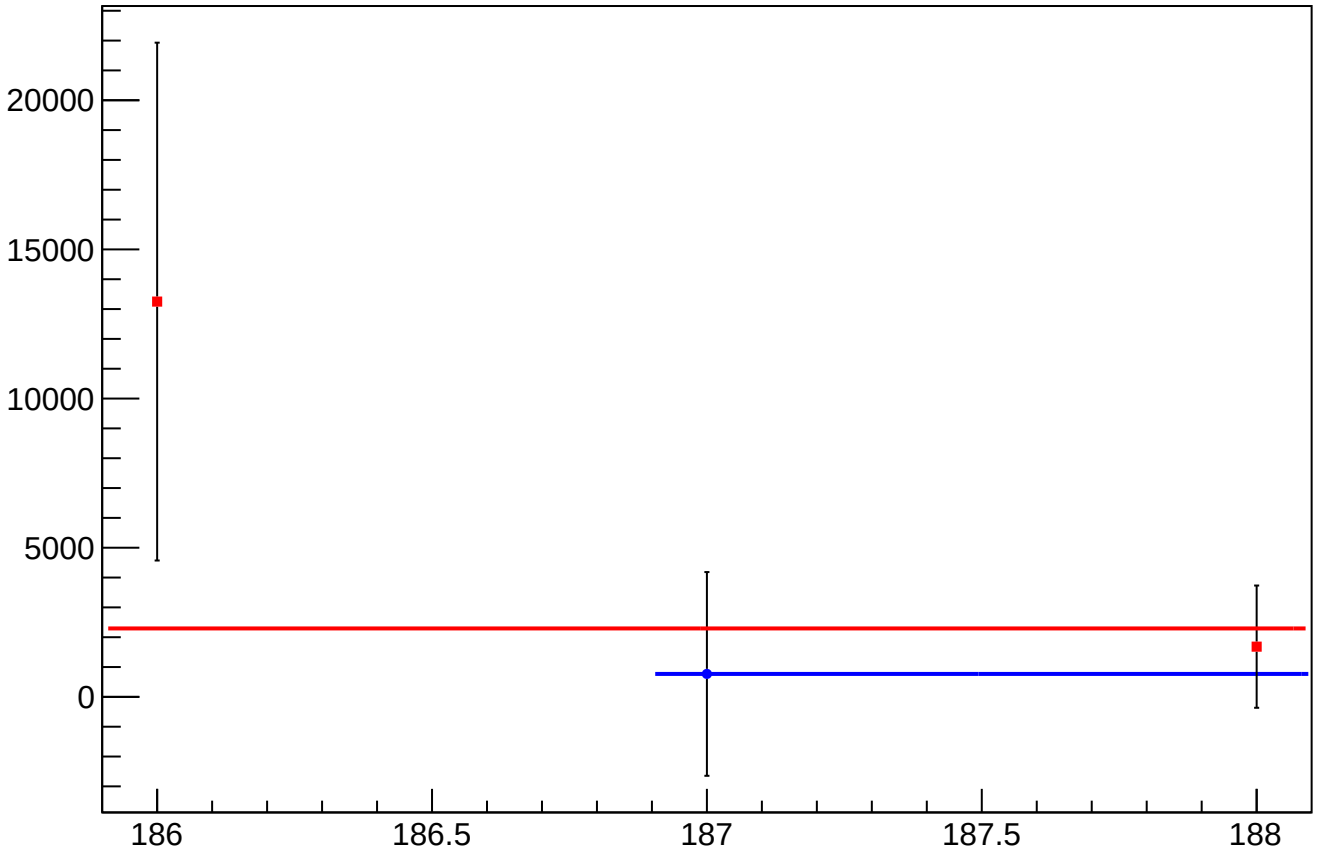
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 153.753+/-0.153 χ^2/NDF: 340341.0/2

In: 201.668+/-0.371 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 153.753+/-0.153 χ^2/NDF: 340341.0/2



Right In: 769.174+/-3414.887 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2293.995+/-1994.263 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

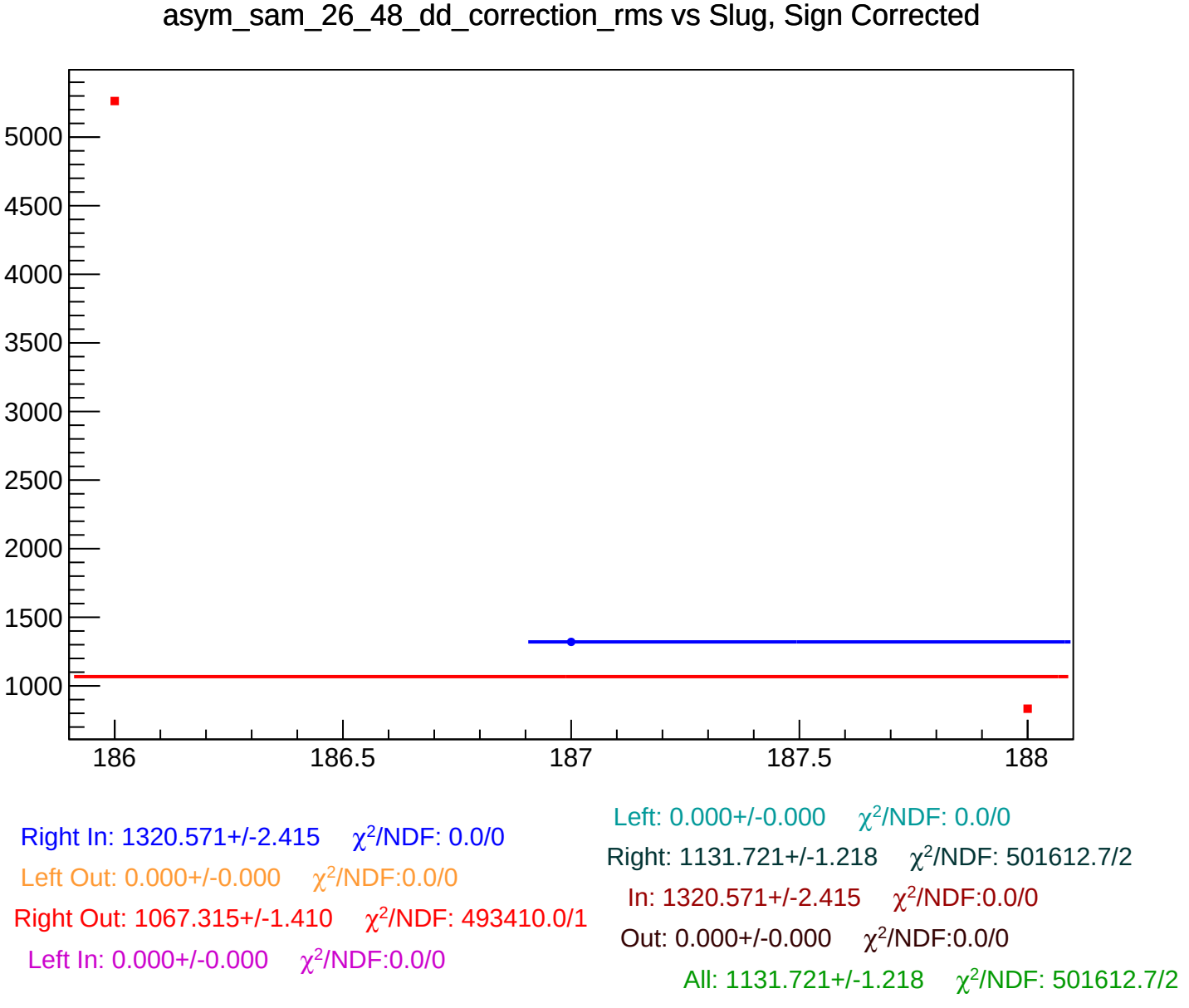
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

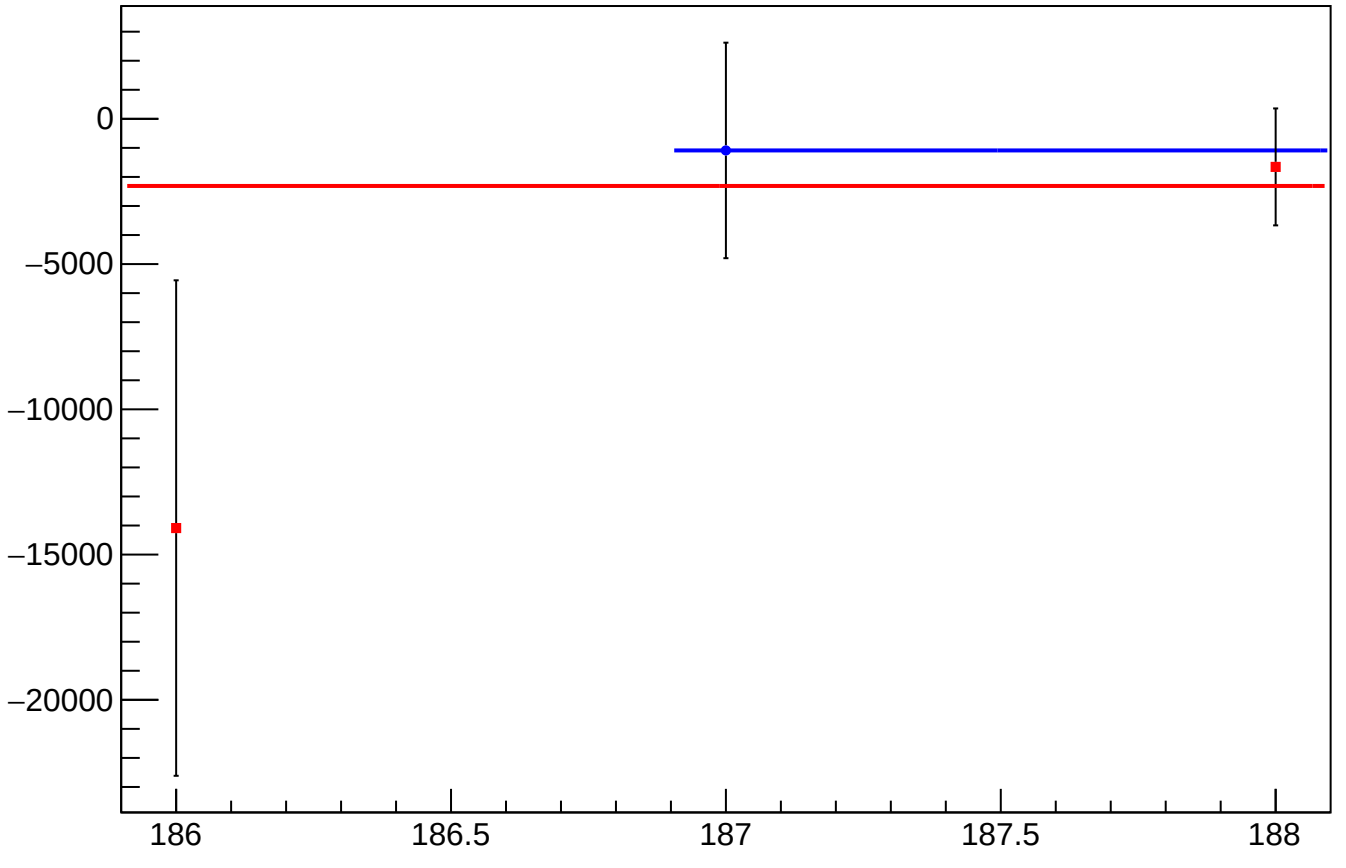
Right: 1906.213+/-1722.109 χ^2/NDF: 1.8/2

In: 769.174+/-3414.887 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1906.213+/-1722.109 χ^2/NDF: 1.8/2


asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected
5000
4500
4000
3500
3000
2500
2000
1500
1000
186
186.5
187
187.5
188
Right In: 1320.571+/-2.415 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1067.315+/-1.410 χ²/NDF: 493410.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1131.721+/-1.218 χ²/NDF: 501612.7/2
In: 1320.571+/-2.415 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1131.721+/-1.218 χ²/NDF: 501612.7/2



Right In: -1087.606+/-3709.487 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2310.559+/-1958.918 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

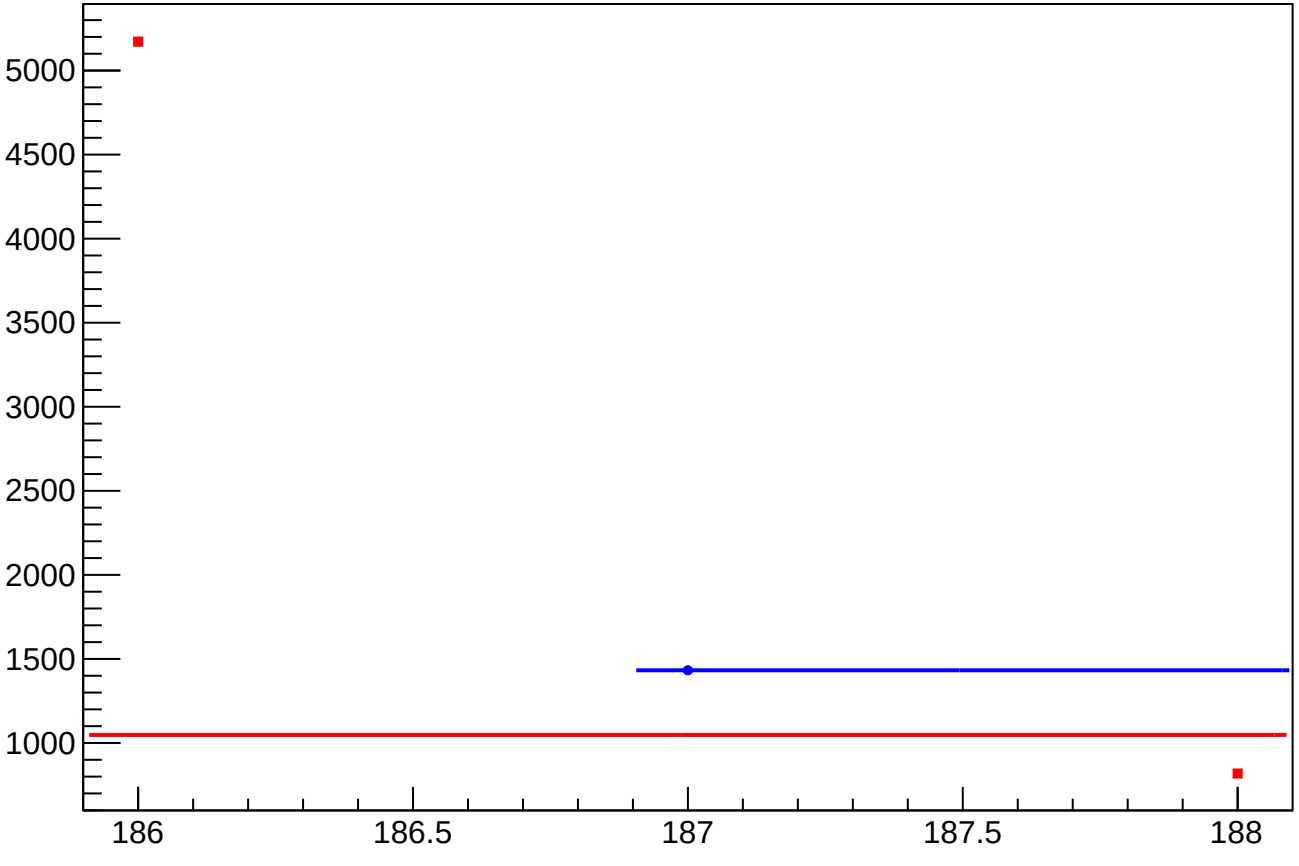
Right: -2043.881+/-1732.218 χ^2/NDF: 2.1/2

In: -1087.606+/-3709.487 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2043.881+/-1732.218 χ^2/NDF: 2.1/2

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 1432.394+/-2.623 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1047.864+/-1.385 χ^2/NDF: 493679.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

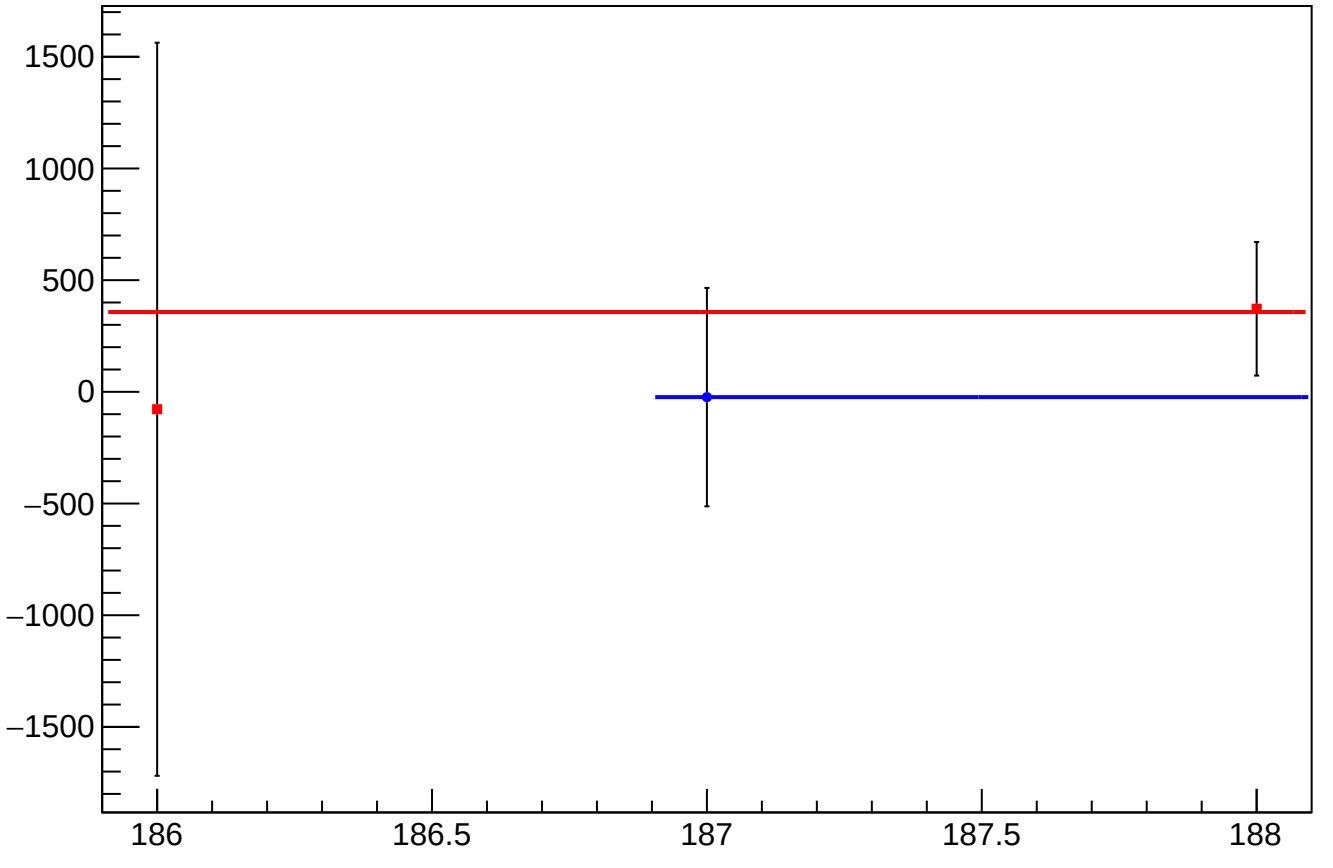
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1131.715+/-1.225 χ^2/NDF: 510484.5/2

In: 1432.394+/-2.623 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1131.715+/-1.225 χ^2/NDF: 510484.5/2



Right In: -23.669+/-488.881 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 357.377+/-294.170 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

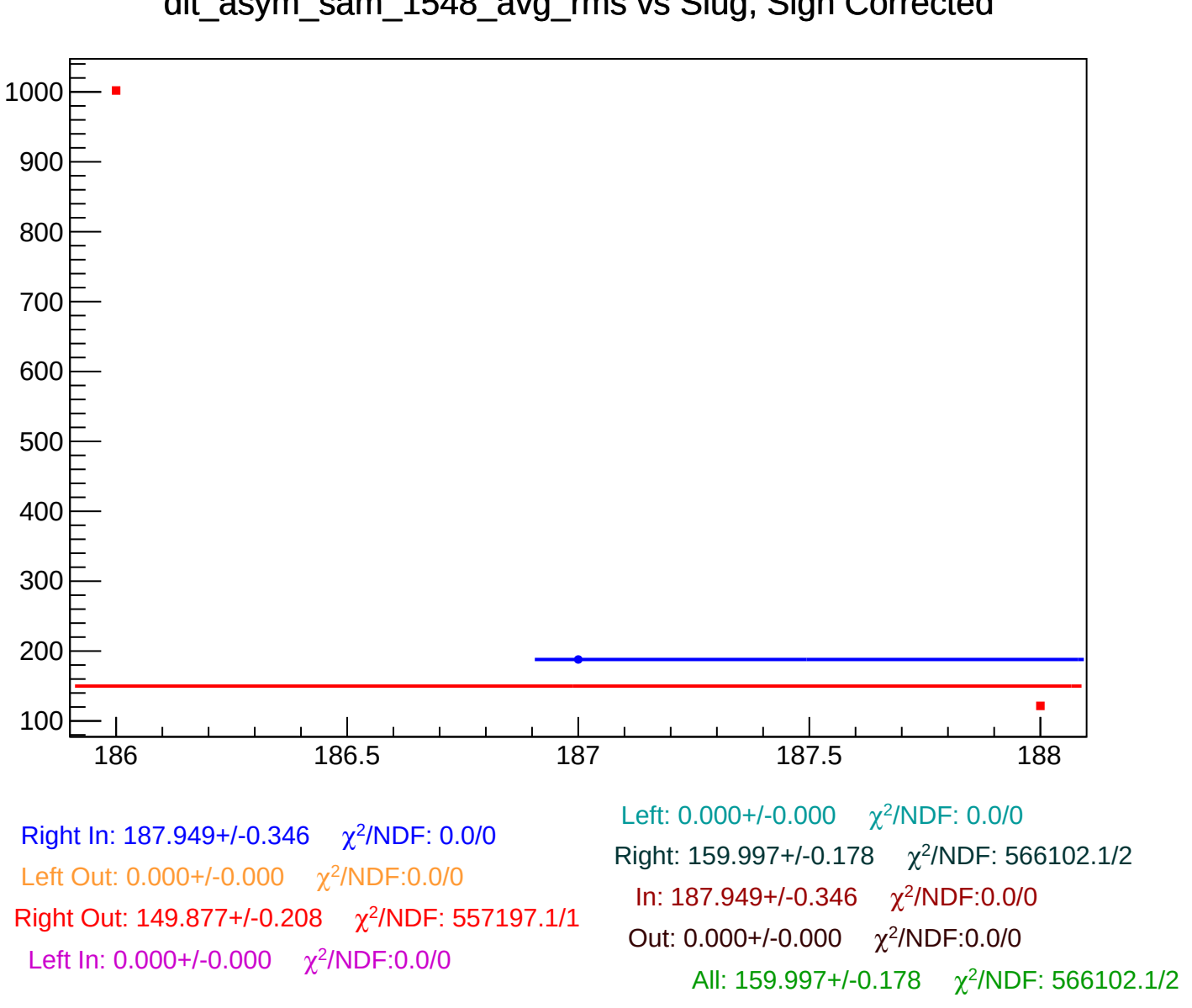
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

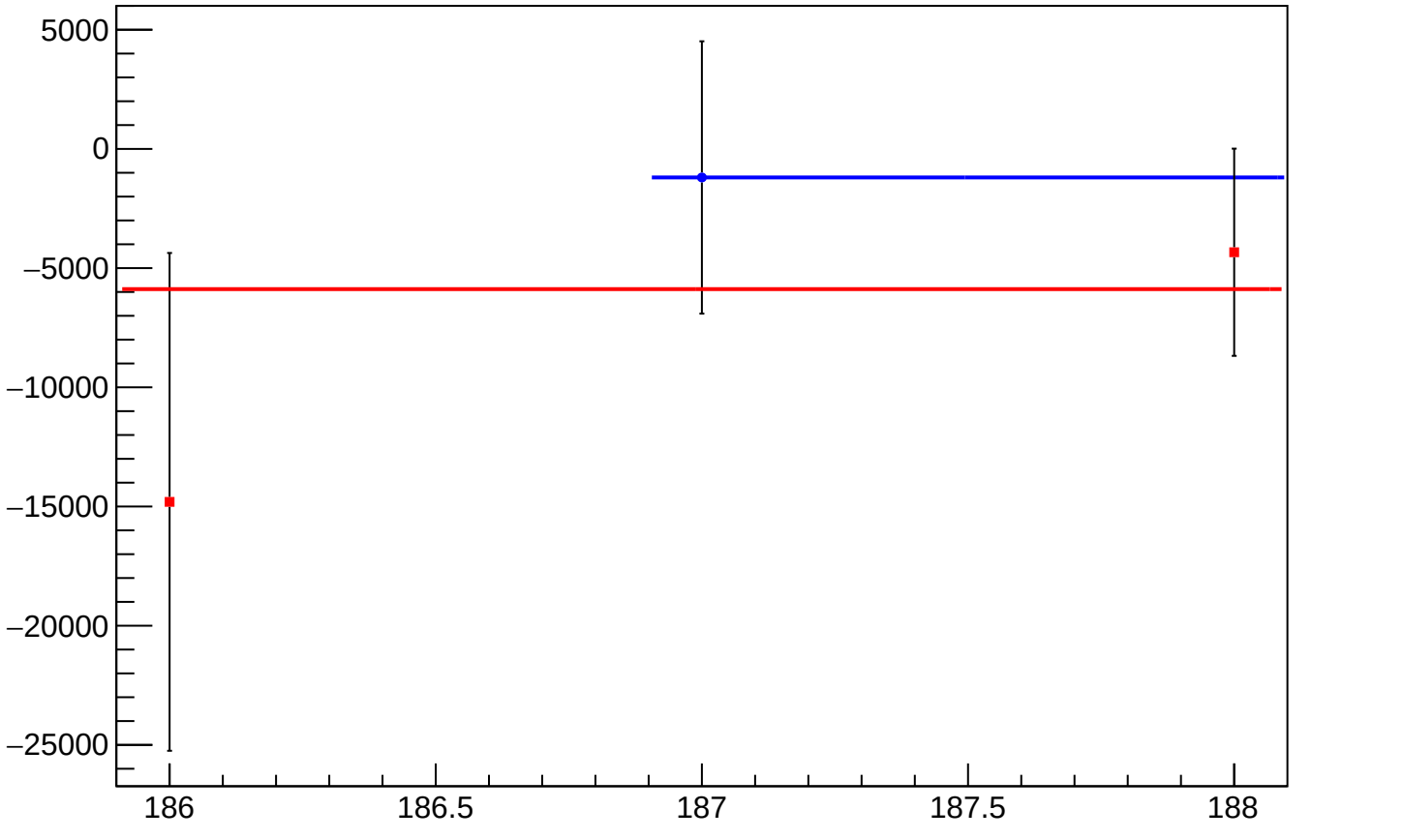
Right: 256.087+/-252.057 χ^2/NDF: 0.5/2

In: -23.669+/-488.881 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 256.087+/-252.057 χ^2/NDF: 0.5/2


dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected
1000
900
800
700
600
500
400
300
200
100
186
186.5
187
187.5
188
Right In: 187.949+/-0.346 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 149.877+/-0.208 χ2/NDF: 557197.1/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 159.997+/-0.178 χ2/NDF: 566102.1/2
In: 187.949+/-0.346 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 159.997+/-0.178 χ2/NDF: 566102.1/2



Right In: -1196.557+/-5711.560 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5880.394+/-4012.342 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

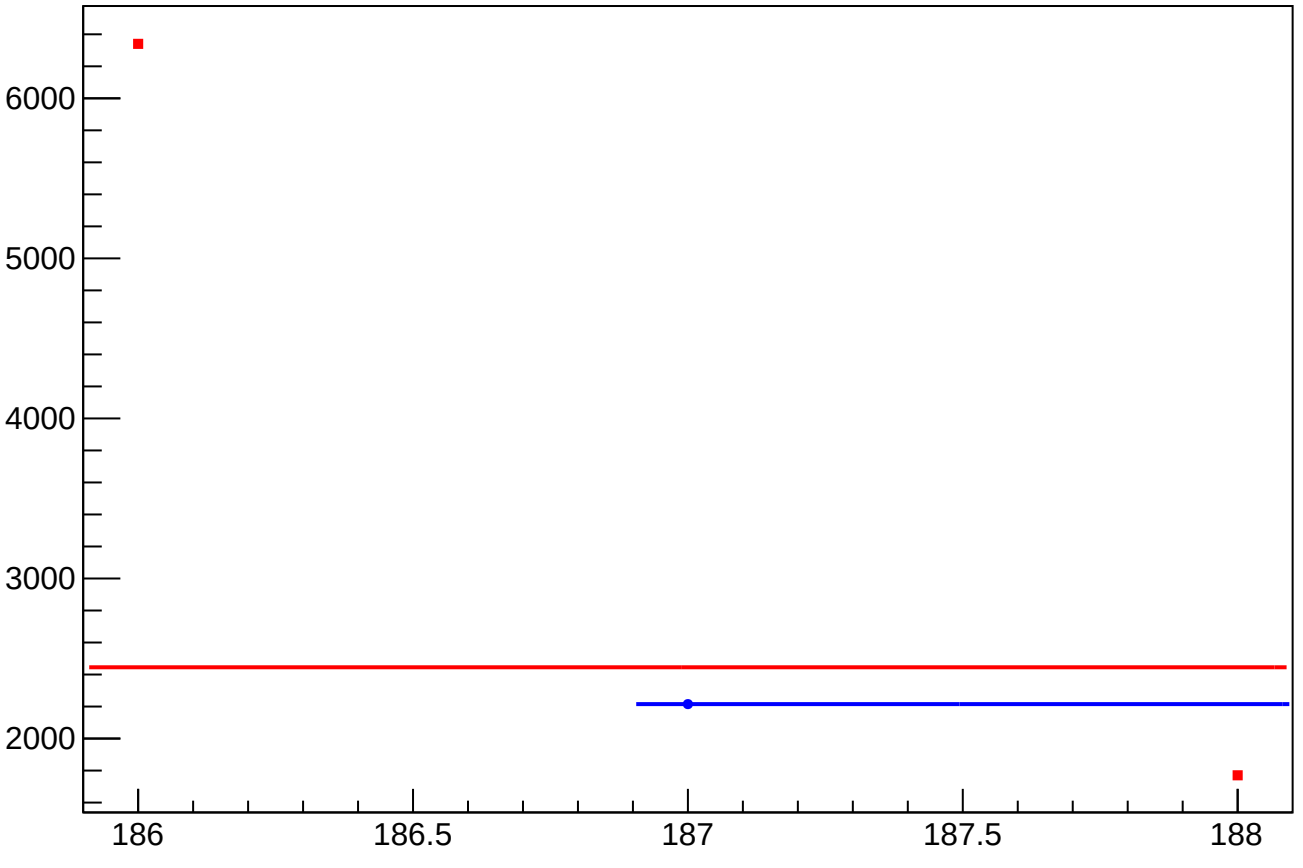
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4332.707+/-3283.186 χ^2/NDF: 1.3/2

In: -1196.557+/-5711.560 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4332.707+/-3283.186 χ^2/NDF: 1.3/2



Right In: 2215.198+/-4.039 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2445.277+/-2.837 χ^2/NDF: 326582.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

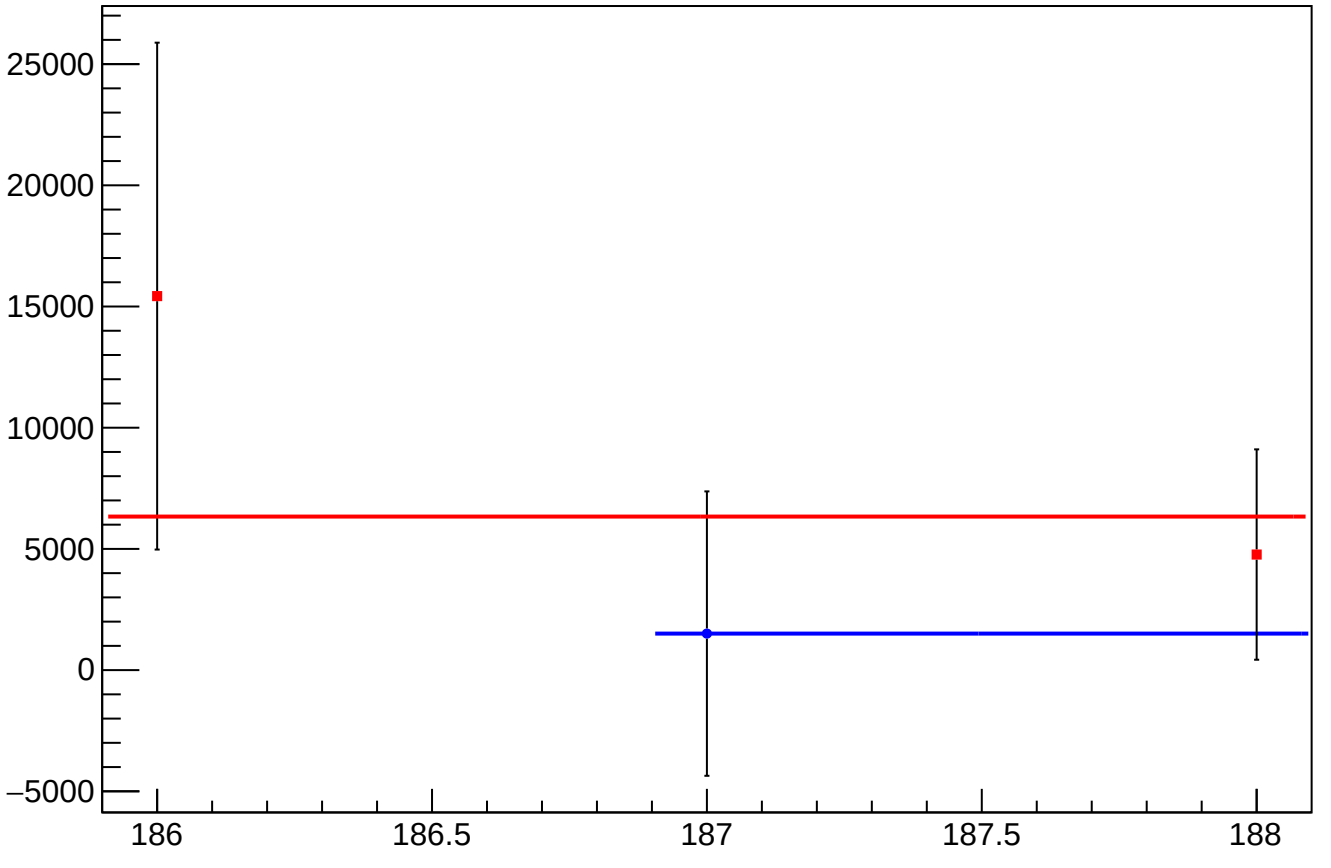
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2369.252+/-2.322 χ^2/NDF: 328755.0/2

In: 2215.198+/-4.039 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2369.252+/-2.322 χ^2/NDF: 328755.0/2



Right In: 1506.366+/-5866.523 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6334.138+/-4007.878 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

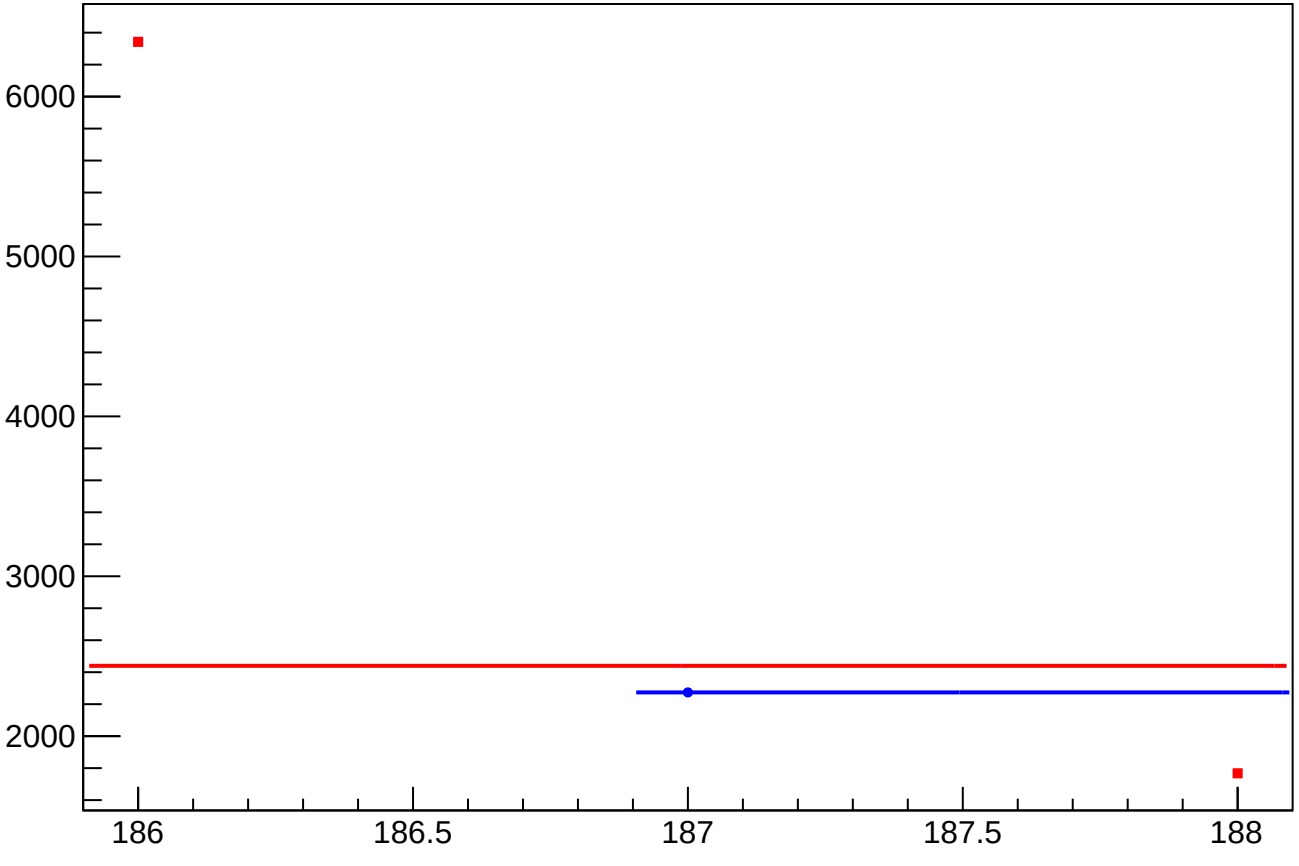
Right: 4797.882+/-3309.323 χ^2/NDF: 1.3/2

In: 1506.366+/-5866.523 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4797.882+/-3309.323 χ^2/NDF: 1.3/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 2273.510+/-4.148 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2439.811+/-2.834 χ^2/NDF: 326639.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

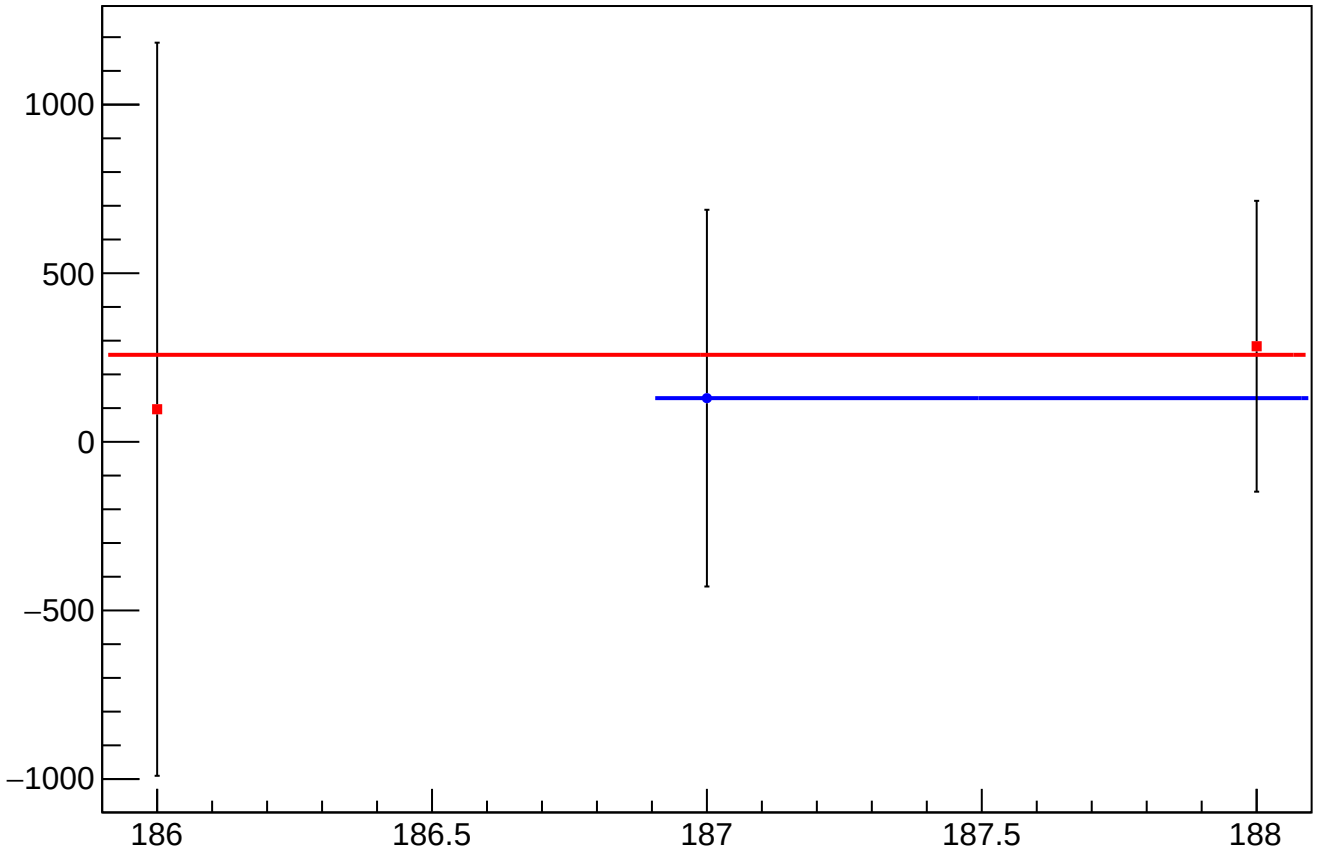
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2386.892+/-2.340 χ^2/NDF: 327734.8/2

In: 2273.510+/-4.148 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2386.892+/-2.340 χ^2/NDF: 327734.8/2



Right In: 129.584+/-558.565 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 258.052+/-400.837 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

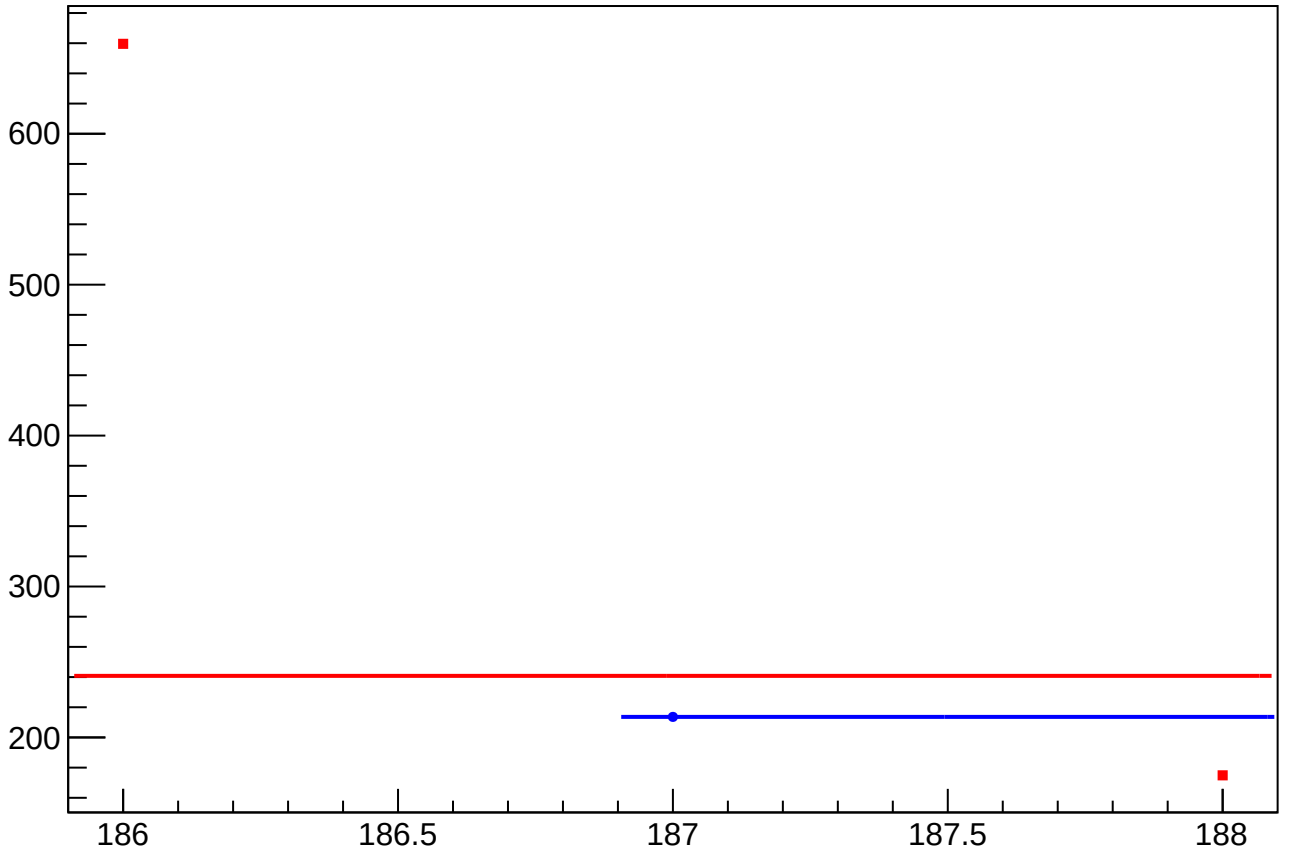
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 214.382+/-325.660 χ^2/NDF: 0.1/2

In: 129.584+/-558.565 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 214.382+/-325.660 χ^2/NDF: 0.1/2



Right In: 213.613+/-0.395 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 240.798+/-0.283 χ^2/NDF: 343587.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

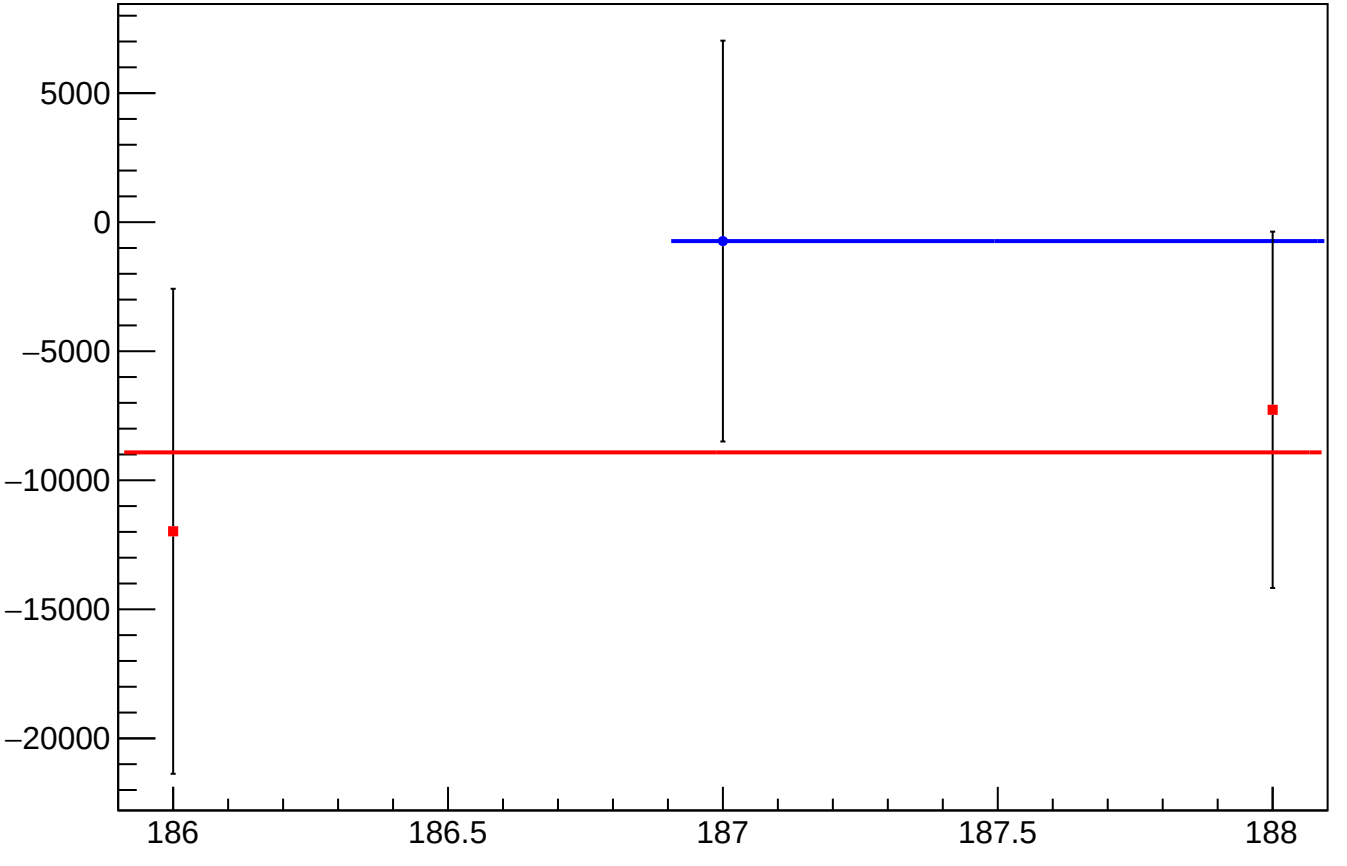
Right: 231.557+/-0.230 χ^2/NDF: 346714.4/2

In: 213.613+/-0.395 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 231.557+/-0.230 χ^2/NDF: 346714.4/2

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -732.387+/-7764.832 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8919.170+/-5562.592 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

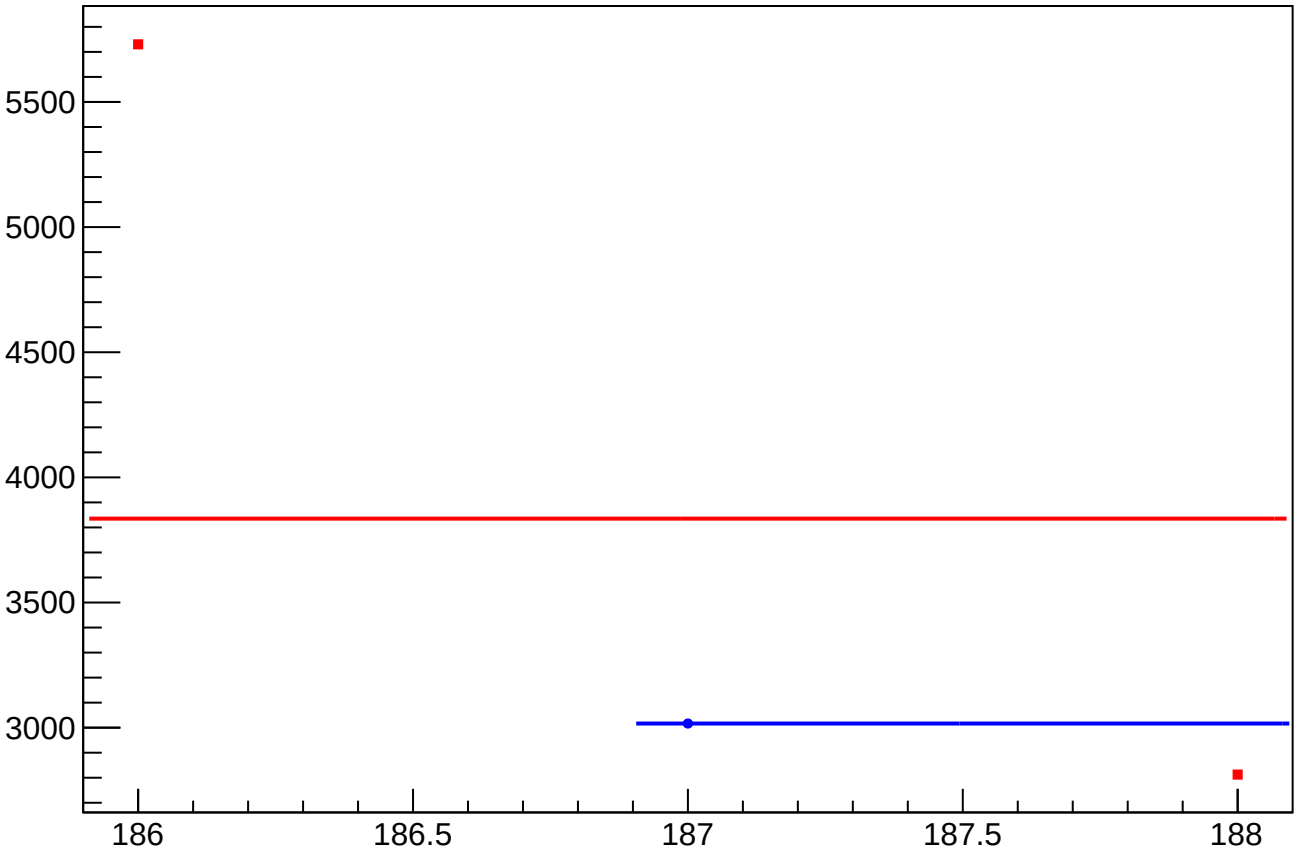
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6142.617+/-4521.978 χ^2/NDF: 0.9/2

In: -732.387+/-7764.832 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6142.617+/-4521.978 χ^2/NDF: 0.9/2



Right In: 3016.526+/-5.491 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3835.227+/-3.933 χ^2/NDF: 125259.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

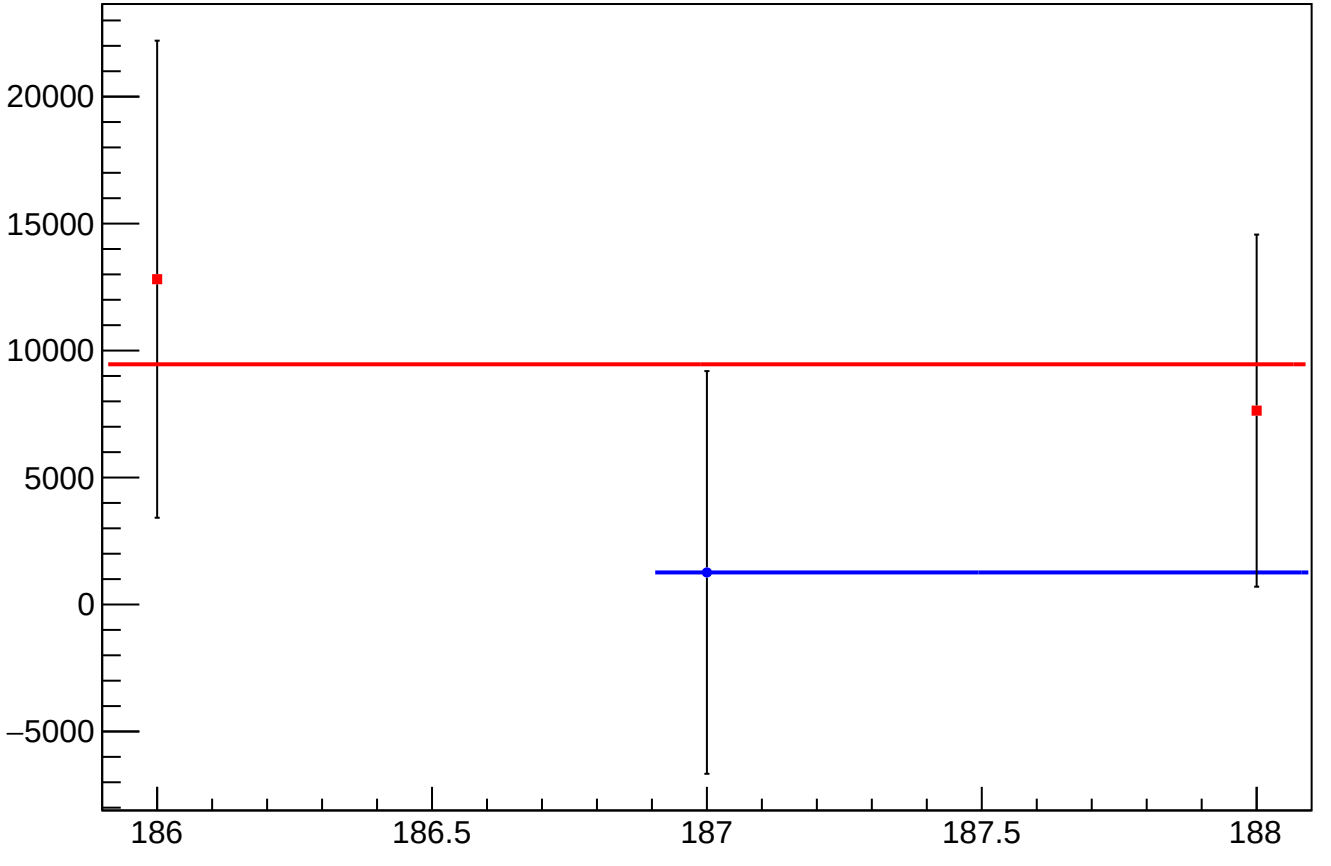
Right: 3557.564+/-3.198 χ^2/NDF: 139953.0/2

In: 3016.526+/-5.491 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3557.564+/-3.198 χ^2/NDF: 139953.0/2

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 1262.741+/-7929.221 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9459.781+/-5578.257 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

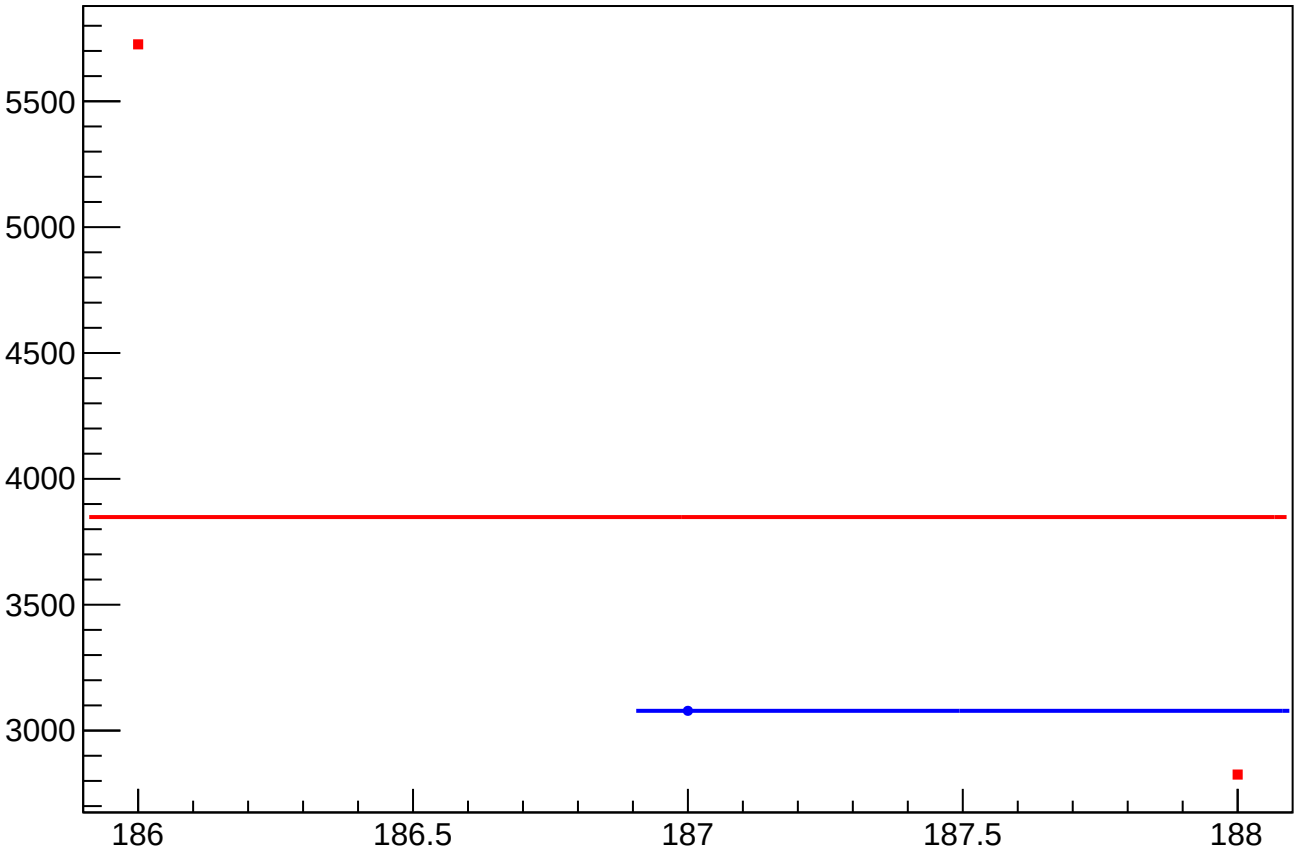
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6746.000+/-4562.358 χ^2/NDF: 0.9/2

In: 1262.741+/-7929.221 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6746.000+/-4562.358 χ^2/NDF: 0.9/2



Right In: 3078.464+/-5.607 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3848.229+/-3.944 χ^2/NDF: 123476.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

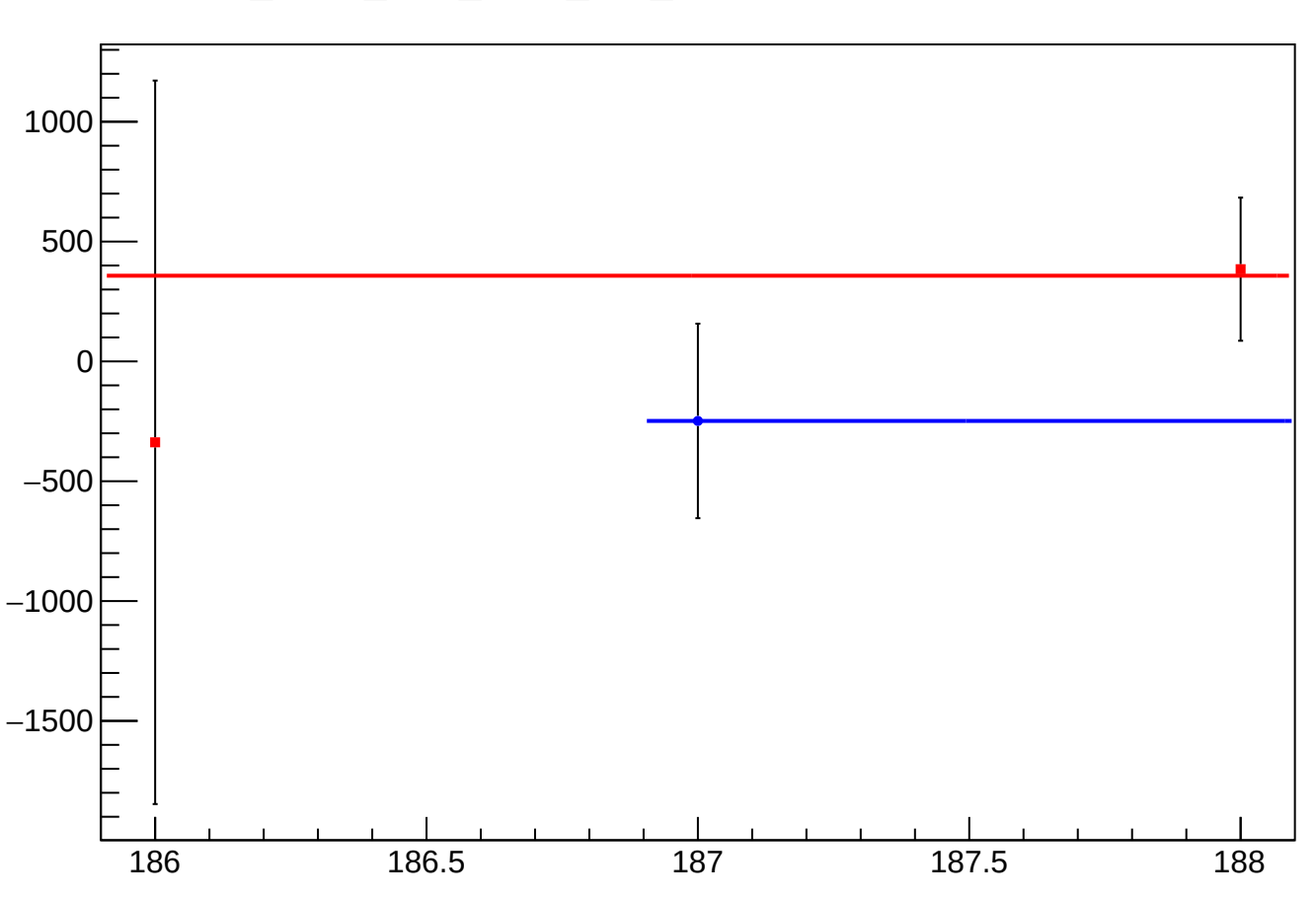
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3593.384+/-3.226 χ^2/NDF: 136085.5/2

In: 3078.464+/-5.607 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3593.384+/-3.226 χ^2/NDF: 136085.5/2



Right In: -248.430+/-405.783 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 357.516+/-292.916 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

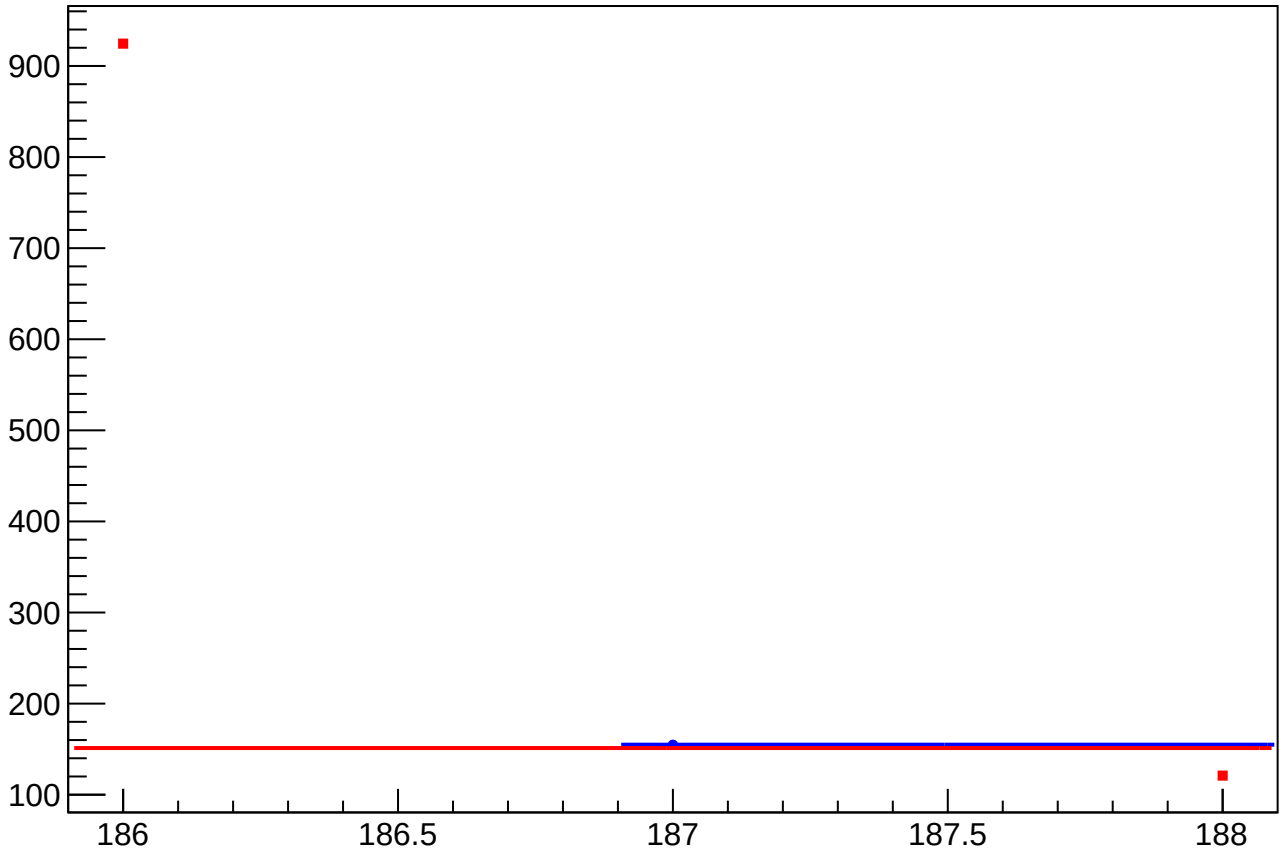
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 149.938+/-237.502 χ^2/NDF: 1.7/2

In: -248.430+/-405.783 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 149.938+/-237.502 χ^2/NDF: 1.7/2



Right In: 154.906+/-0.287 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 151.232+/-0.207 χ^2/NDF: 545545.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

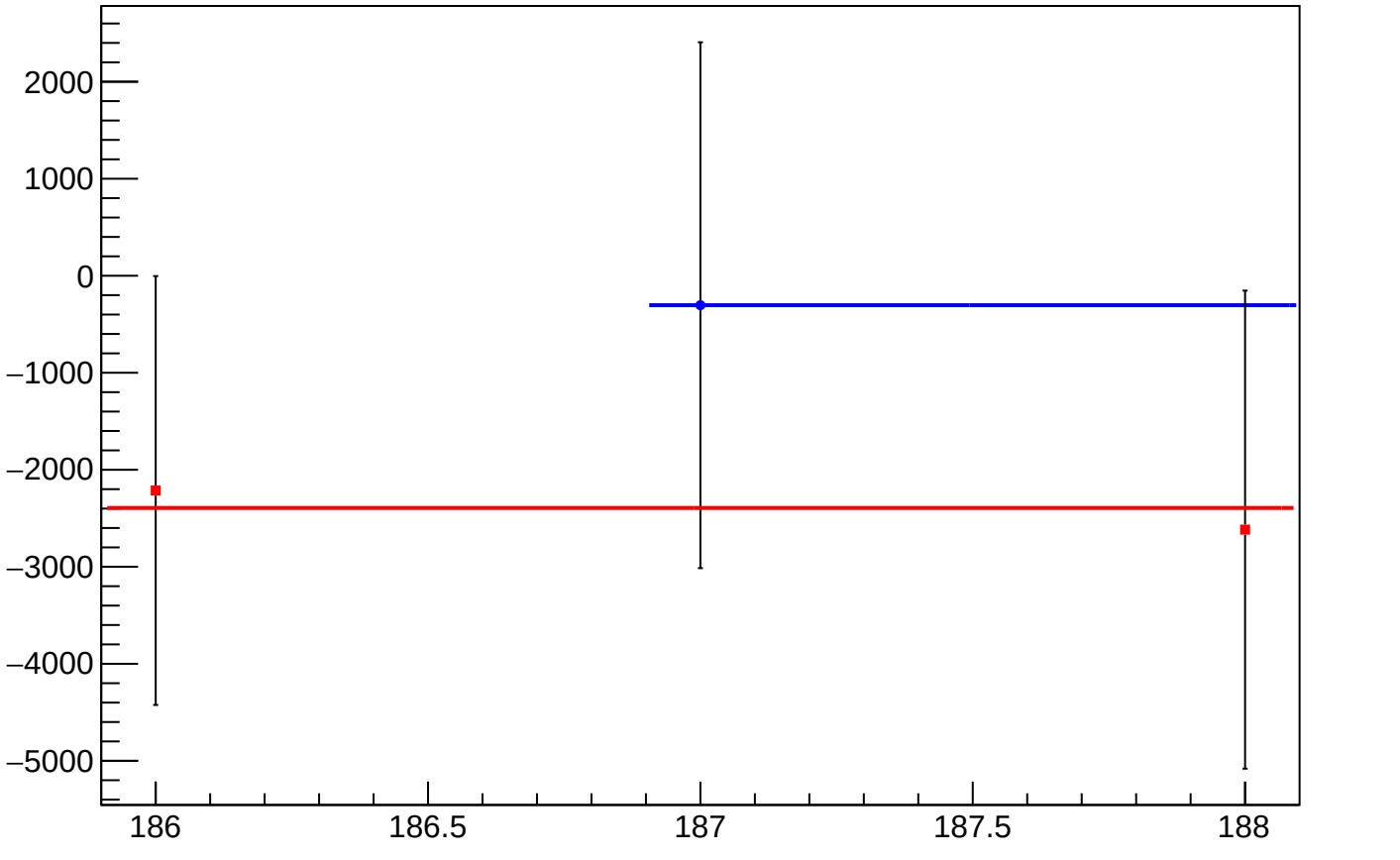
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 152.490+/-0.168 χ^2/NDF: 545653.4/2

In: 154.906+/-0.287 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 152.490+/-0.168 χ^2/NDF: 545653.4/2



Right In: -303.563+/-2710.076 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2393.632+/-1645.176 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

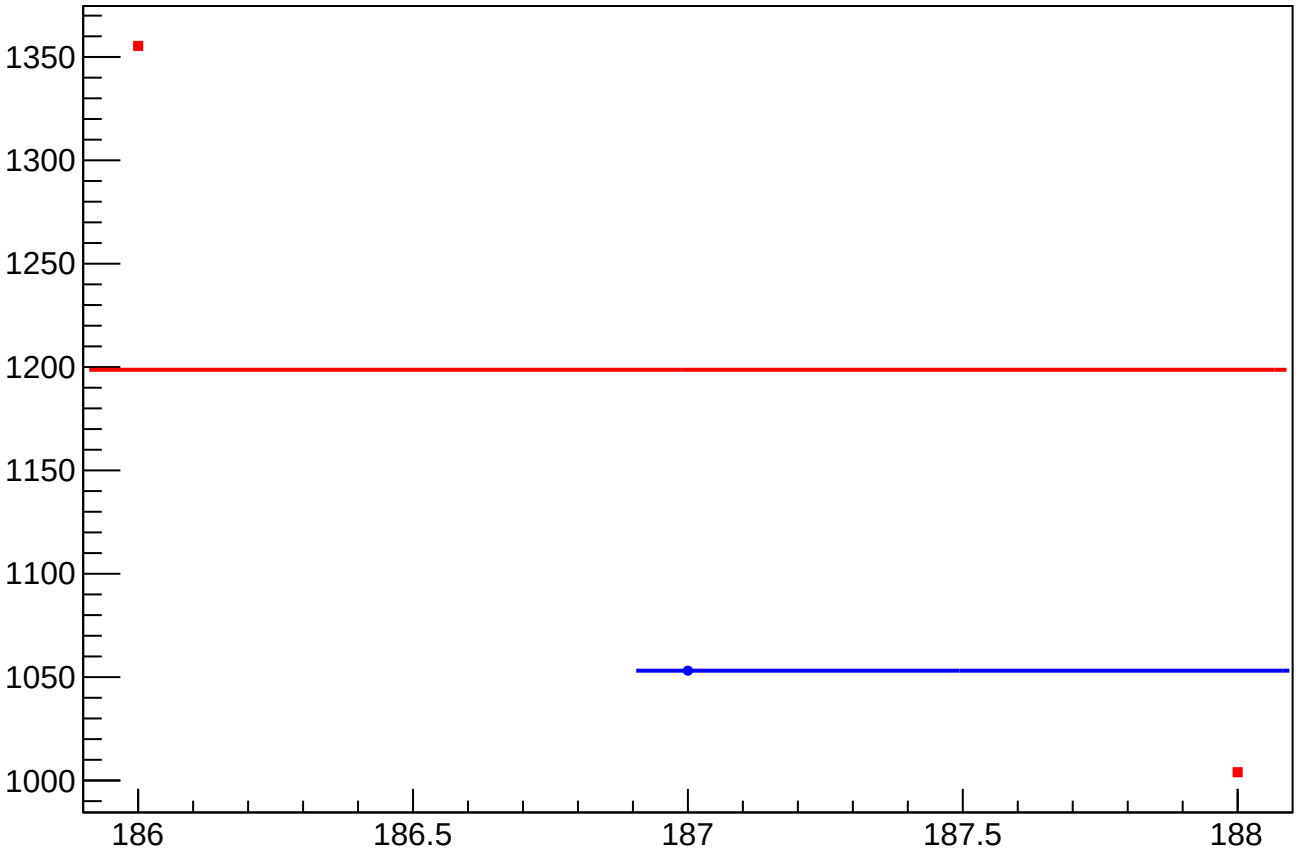
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1830.810+/-1406.328 χ^2/NDF: 0.4/2

In: -303.563+/-2710.076 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1830.810+/-1406.328 χ^2/NDF: 0.4/2



Right In: 1053.117+/-1.916 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1198.679+/-1.163 χ^2/NDF: 22538.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

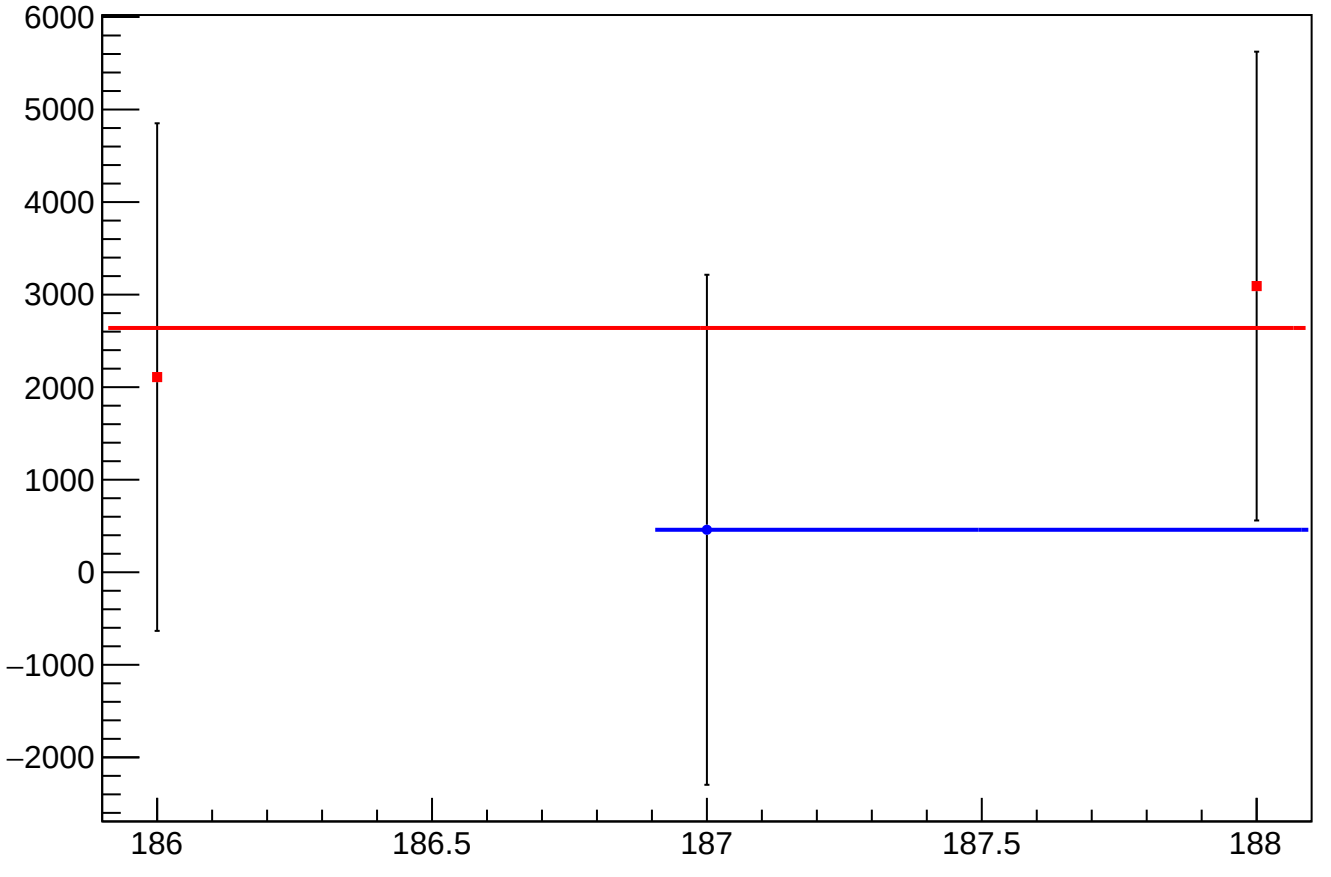
Right: 1159.481+/-0.994 χ^2/NDF: 26755.0/2

In: 1053.117+/-1.916 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1159.481+/-0.994 χ^2/NDF: 26755.0/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 459.027+/-2755.597 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2639.729+/-1860.649 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

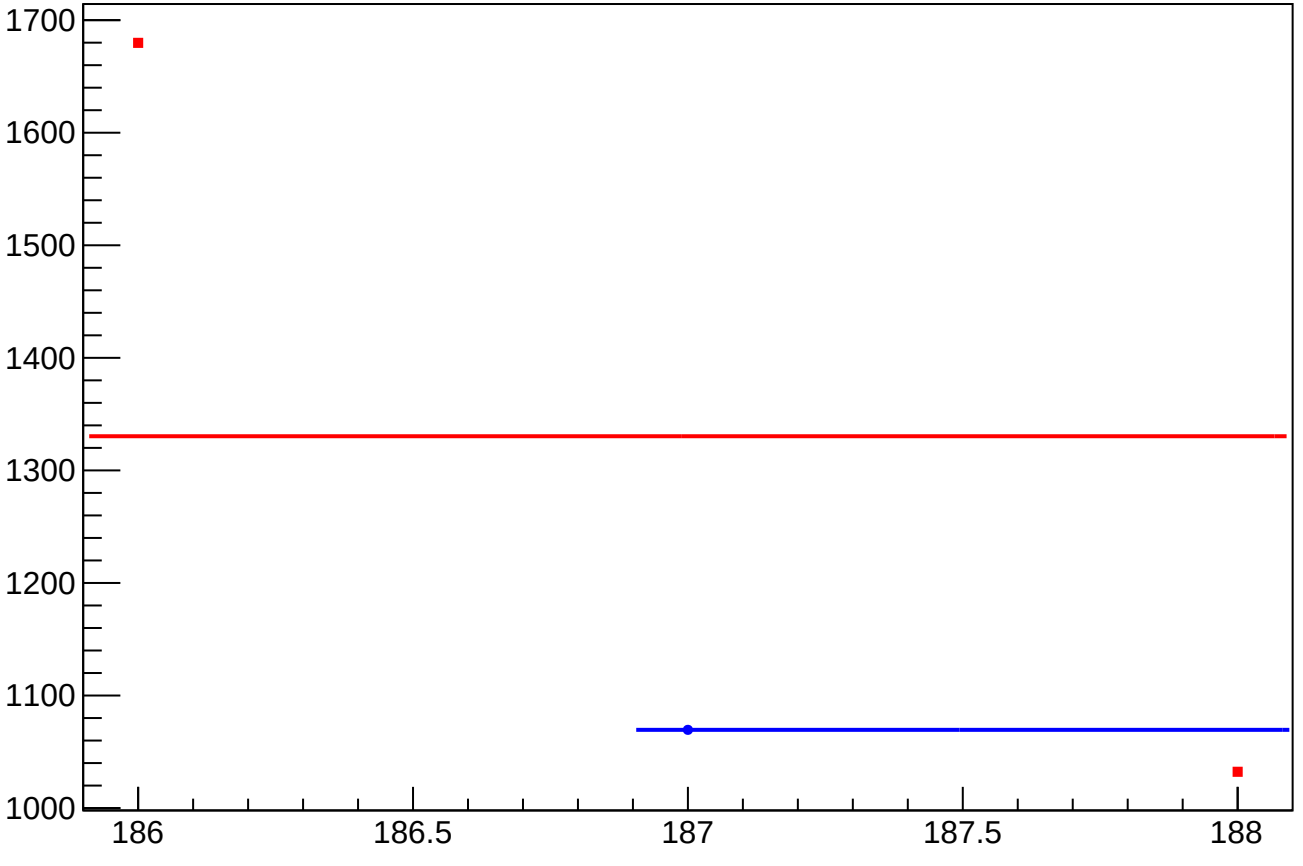
Right: 1956.834+/-1542.035 χ^2/NDF: 0.5/2

In: 459.027+/-2755.597 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1956.834+/-1542.035 χ^2/NDF: 0.5/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1069.513+/-1.949 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1330.354+/-1.316 χ^2/NDF: 60185.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

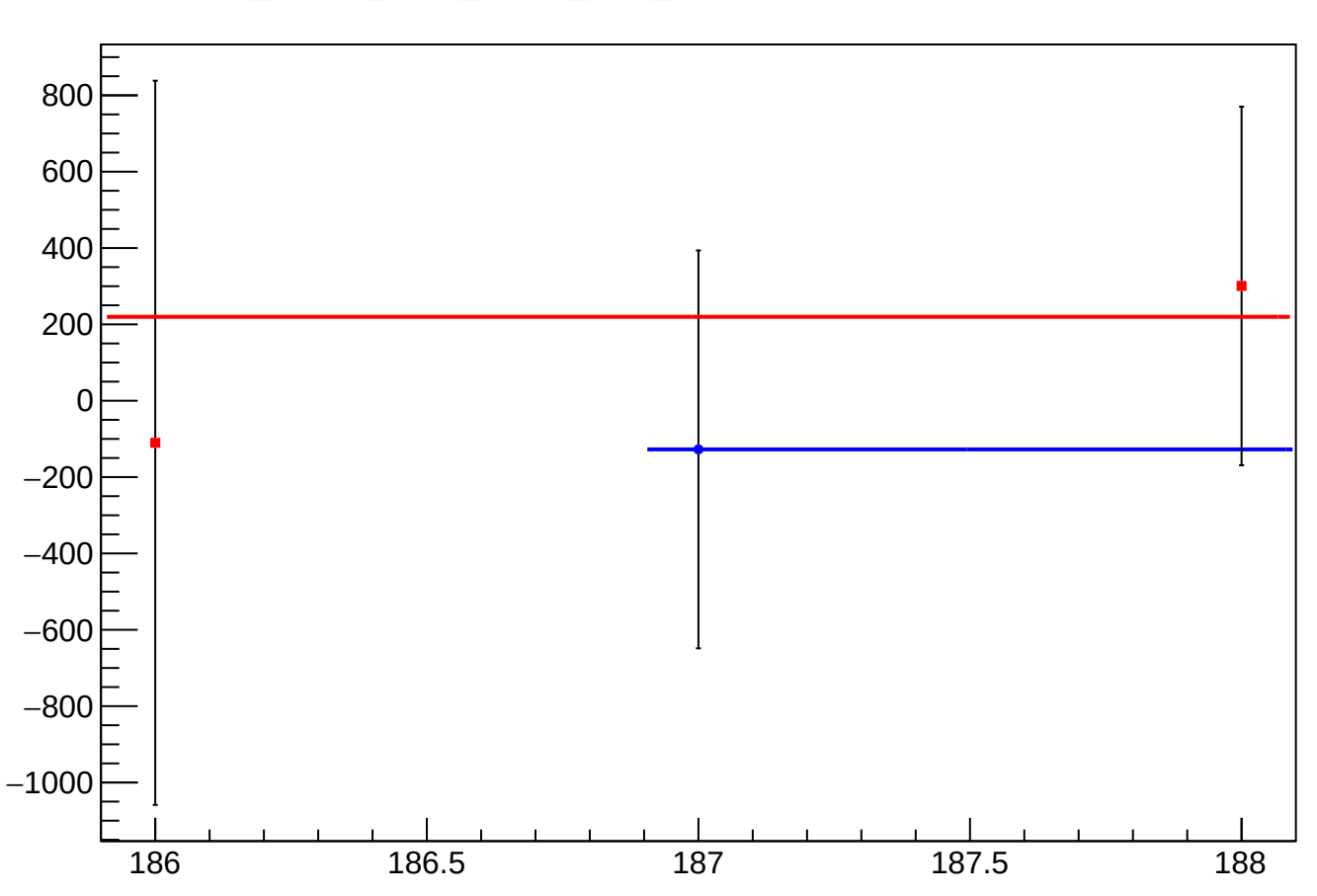
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1248.671+/-1.090 χ^2/NDF: 72493.7/2

In: 1069.513+/-1.949 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1248.671+/-1.090 χ^2/NDF: 72493.7/2



Right In: -127.453+/-521.114 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 219.804+/-420.906 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

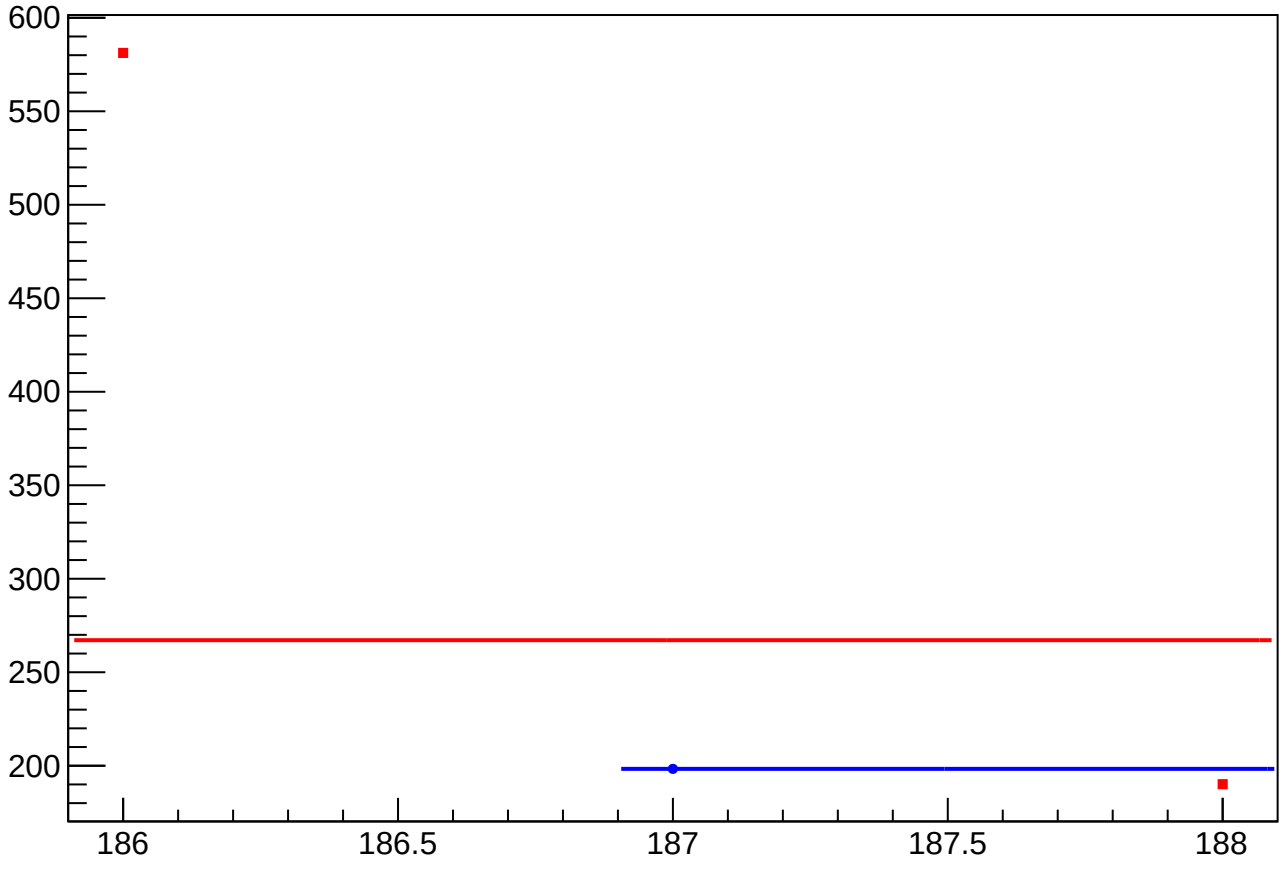
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 82.702+/-327.438 χ^2/NDF: 0.4/2

In: -127.453+/-521.114 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 82.702+/-327.438 χ^2/NDF: 0.4/2



Right In: 198.330+/-0.368 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 267.146+/-0.298 χ^2/NDF: 273027.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

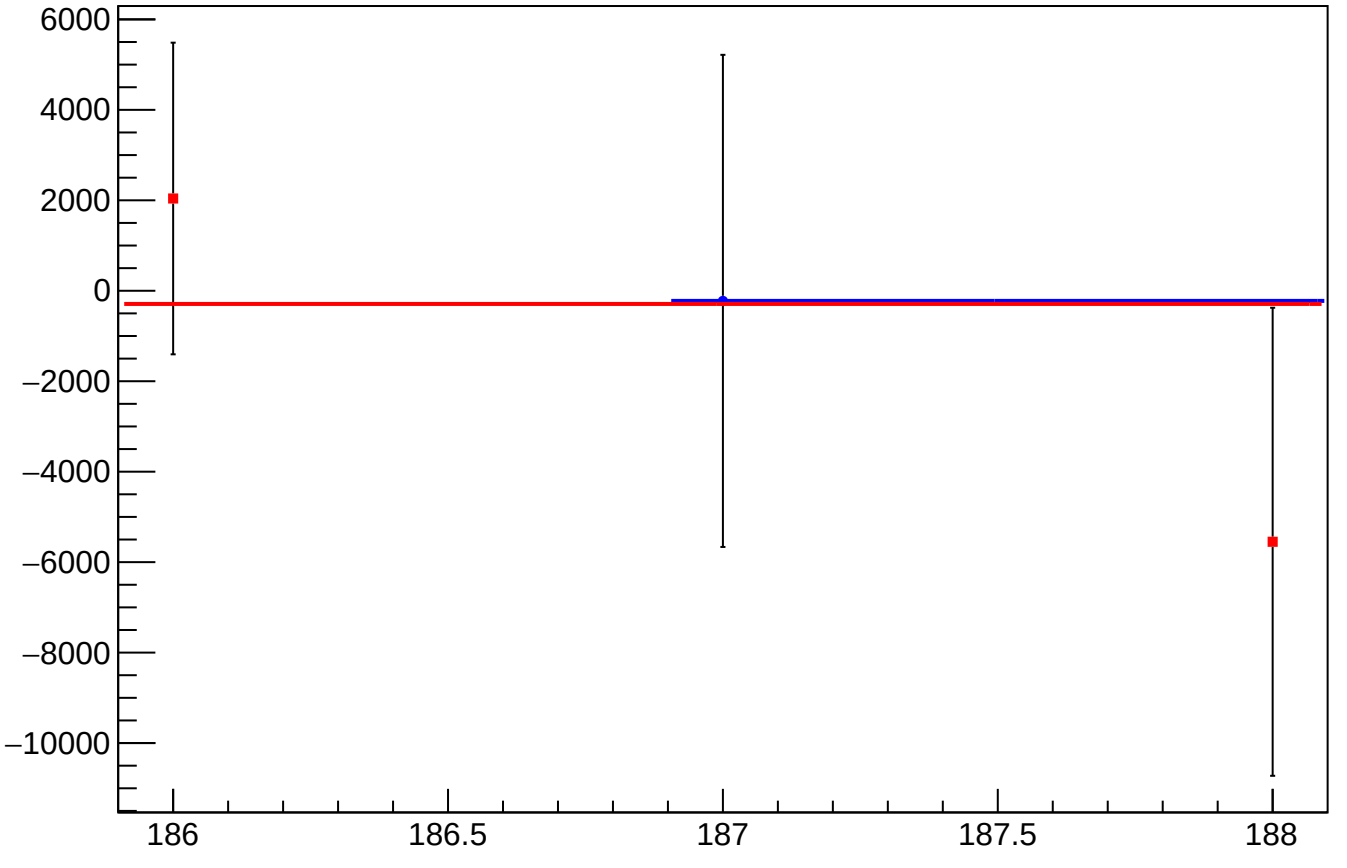
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 239.976+/-0.232 χ^2/NDF: 294134.9/2

In: 198.330+/-0.368 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 239.976+/-0.232 χ^2/NDF: 294134.9/2



Right In: -223.946+/-5440.260 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -291.282+/-2867.747 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

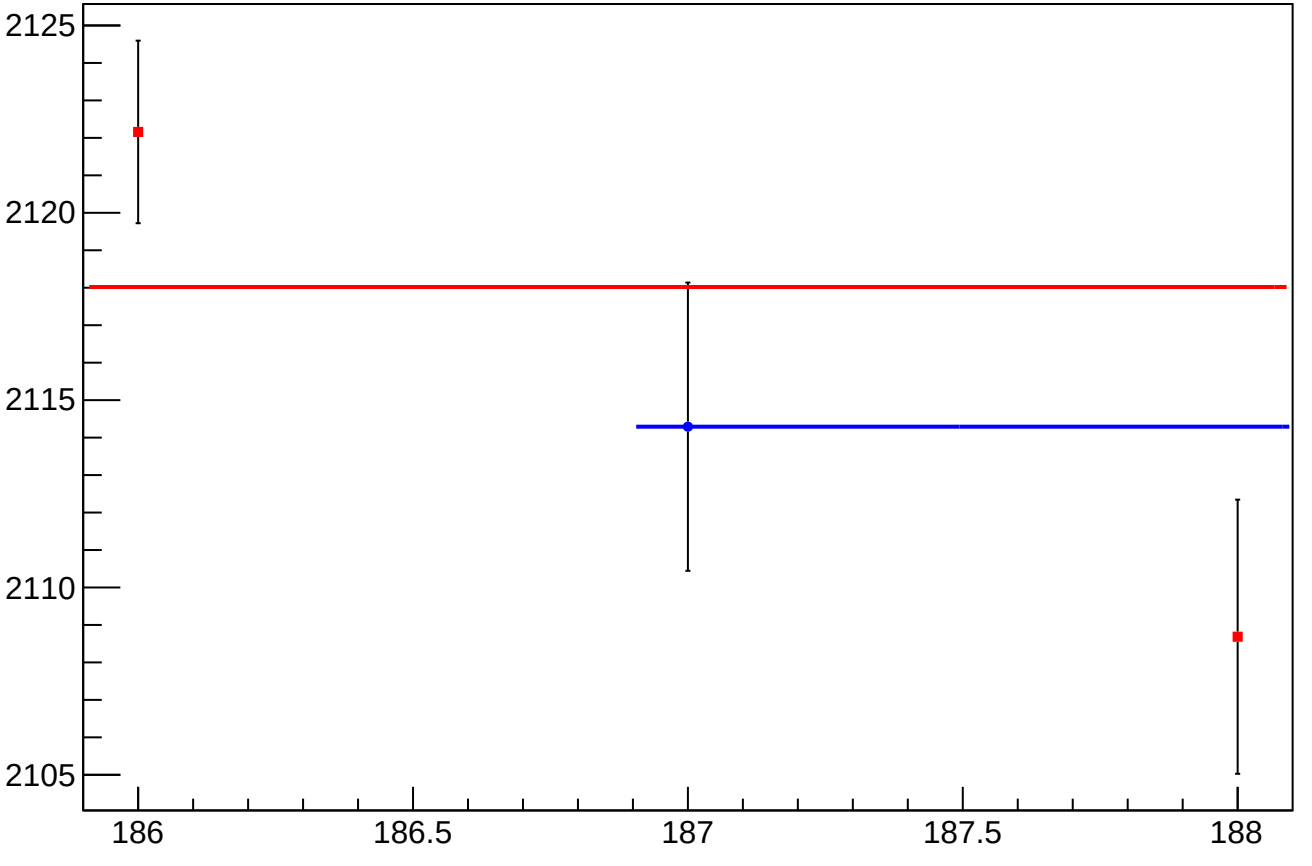
Right: -276.640+/-2536.866 χ^2/NDF: 1.5/2

In: -223.946+/-5440.260 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -276.640+/-2536.866 χ^2/NDF: 1.5/2

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 2114.292+/-3.847 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2118.020+/-2.028 χ^2/NDF: 9.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

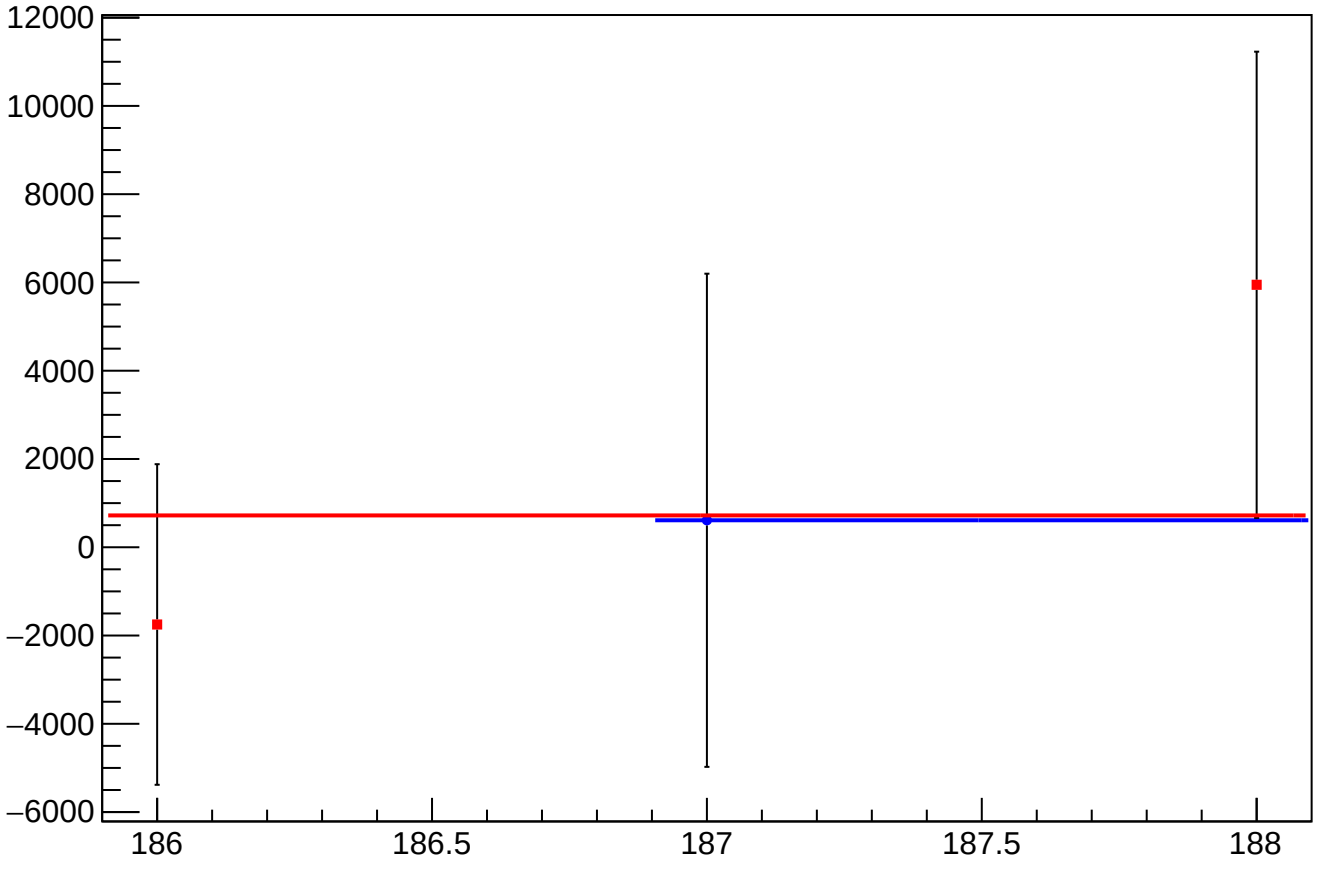
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2117.209+/-1.794 χ^2/NDF: 10.1/2

In: 2114.292+/-3.847 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2117.209+/-1.794 χ^2/NDF: 10.1/2



Right In: 611.320+/-5587.050 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 721.250+/-2992.765 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

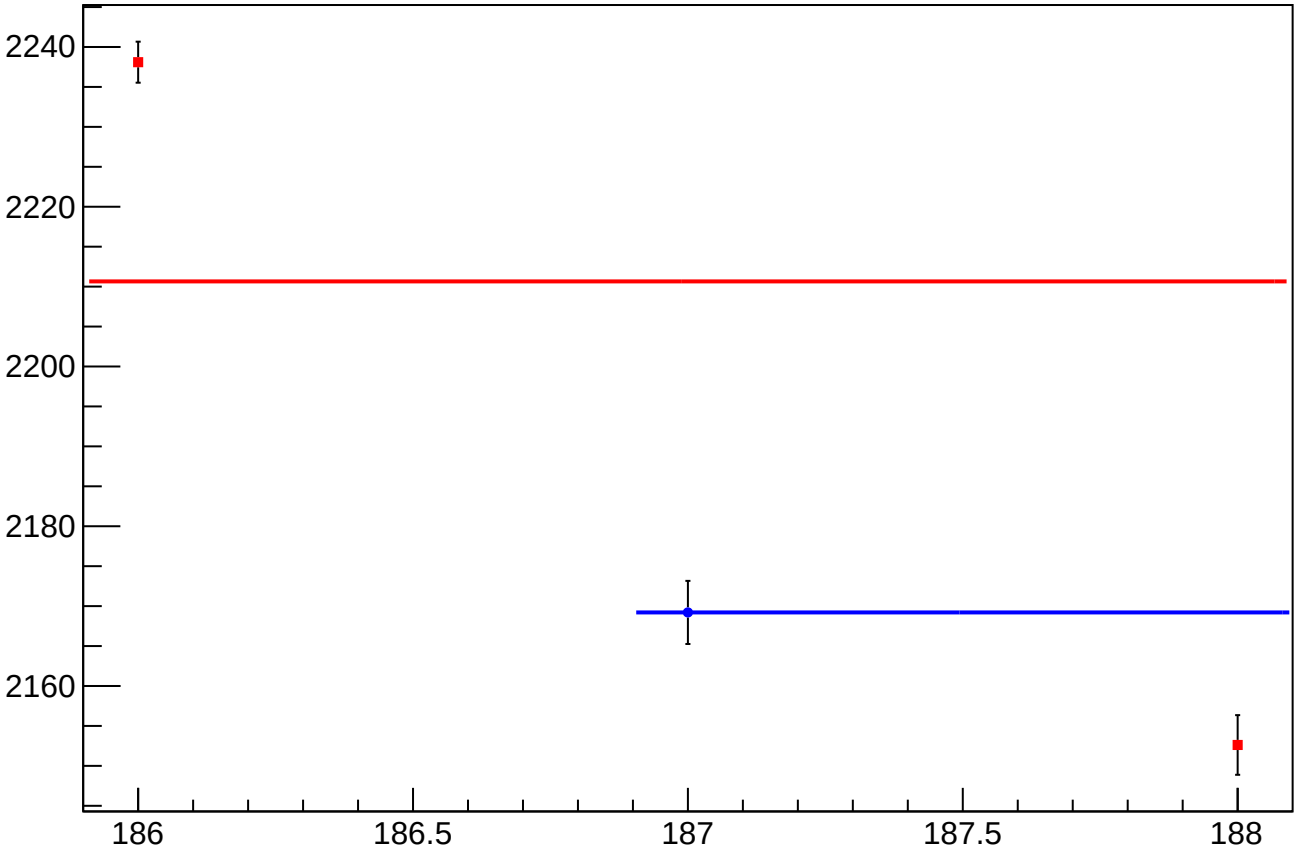
Right: 696.740+/-2638.121 χ^2/NDF: 1.4/2

In: 611.320+/-5587.050 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 696.740+/-2638.121 χ^2/NDF: 1.4/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 2169.209+/-3.951 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2210.653+/-2.116 χ^2/NDF: 355.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

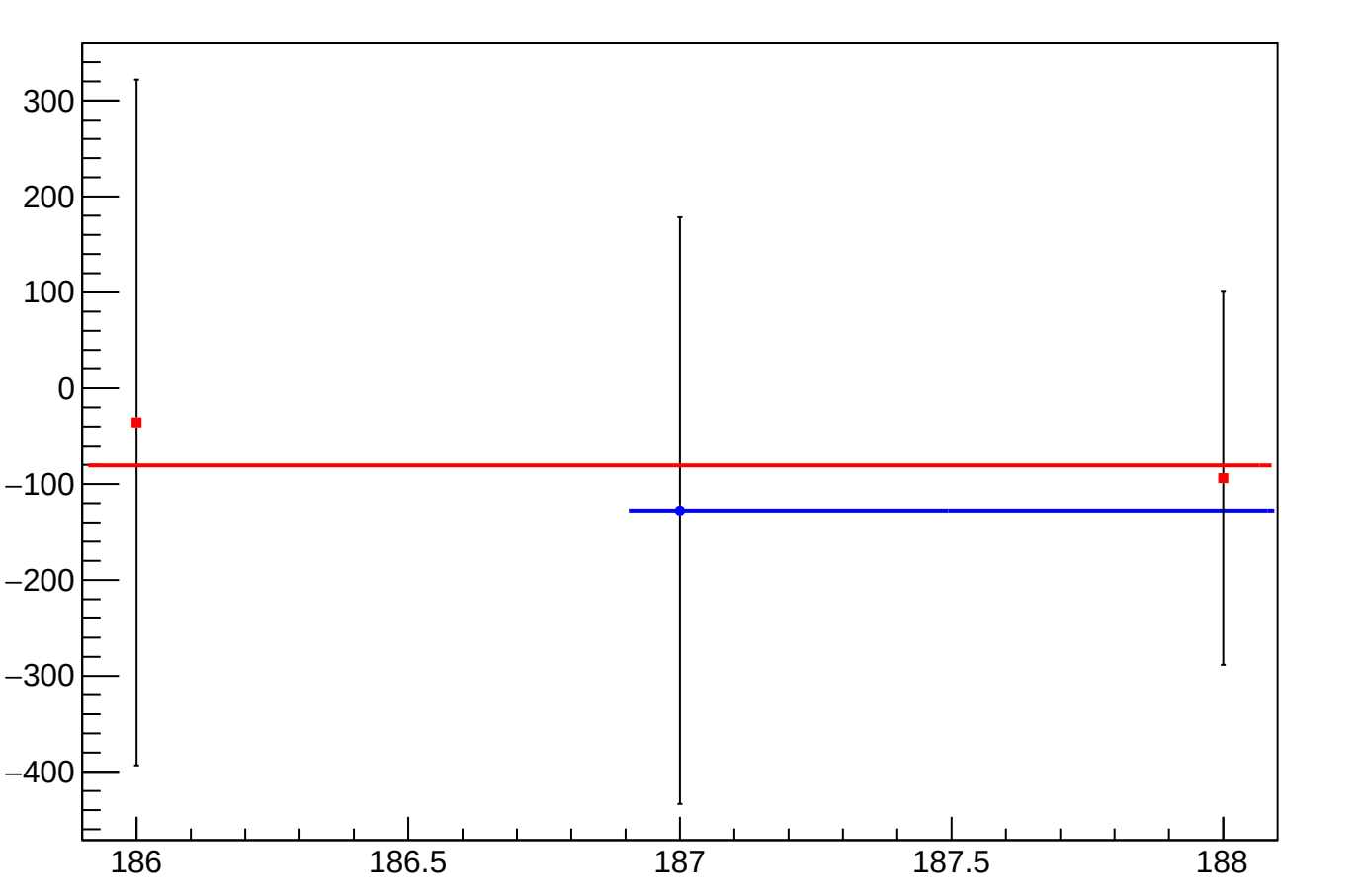
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2201.413+/-1.865 χ^2/NDF: 441.2/2

In: 2169.209+/-3.951 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2201.413+/-1.865 χ^2/NDF: 441.2/2



Right In: -127.604+/-305.951 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -80.558+/-170.853 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

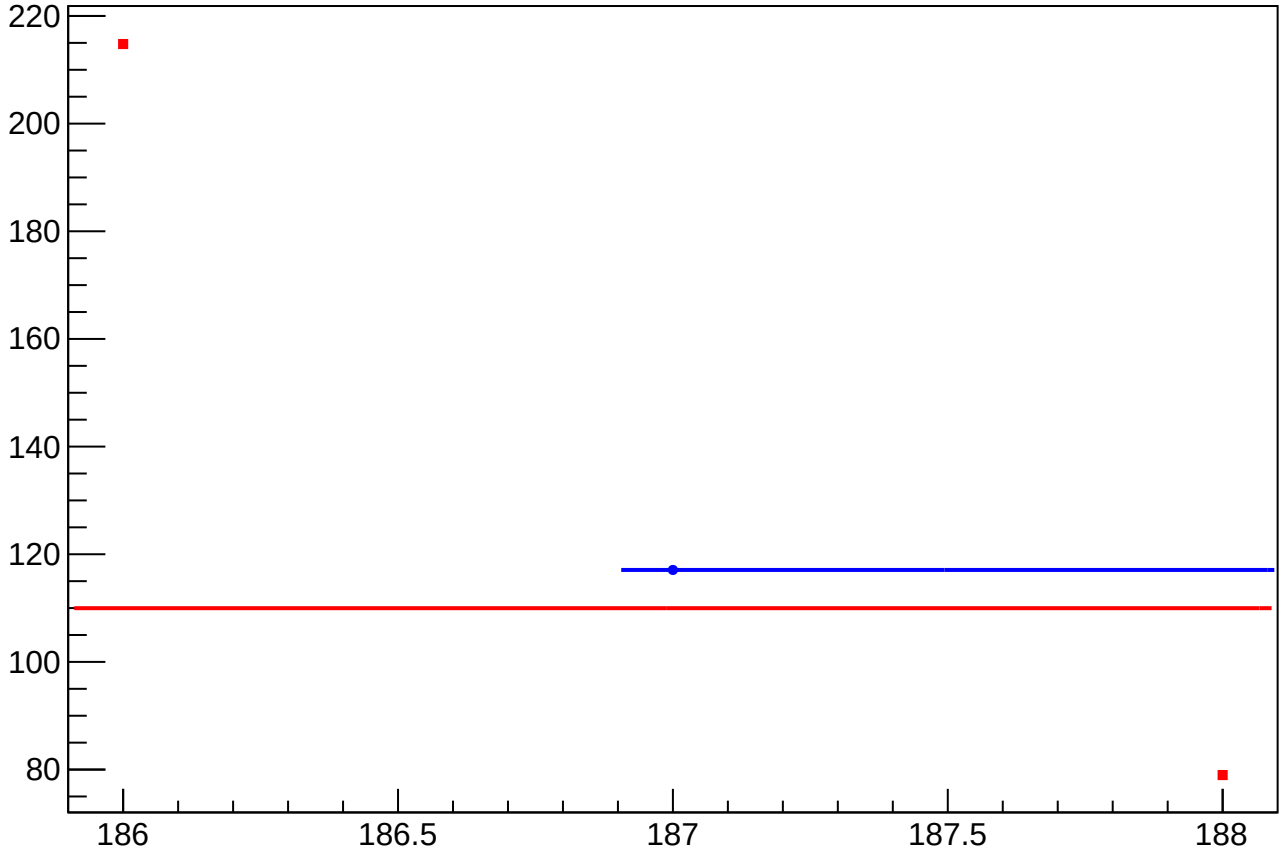
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -91.742+/-149.170 χ^2/NDF: 0.0/2

In: -127.604+/-305.951 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -91.742+/-149.170 χ^2/NDF: 0.0/2



Right In: 117.083+/-0.216 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 109.980+/-0.121 χ^2/NDF: 222610.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

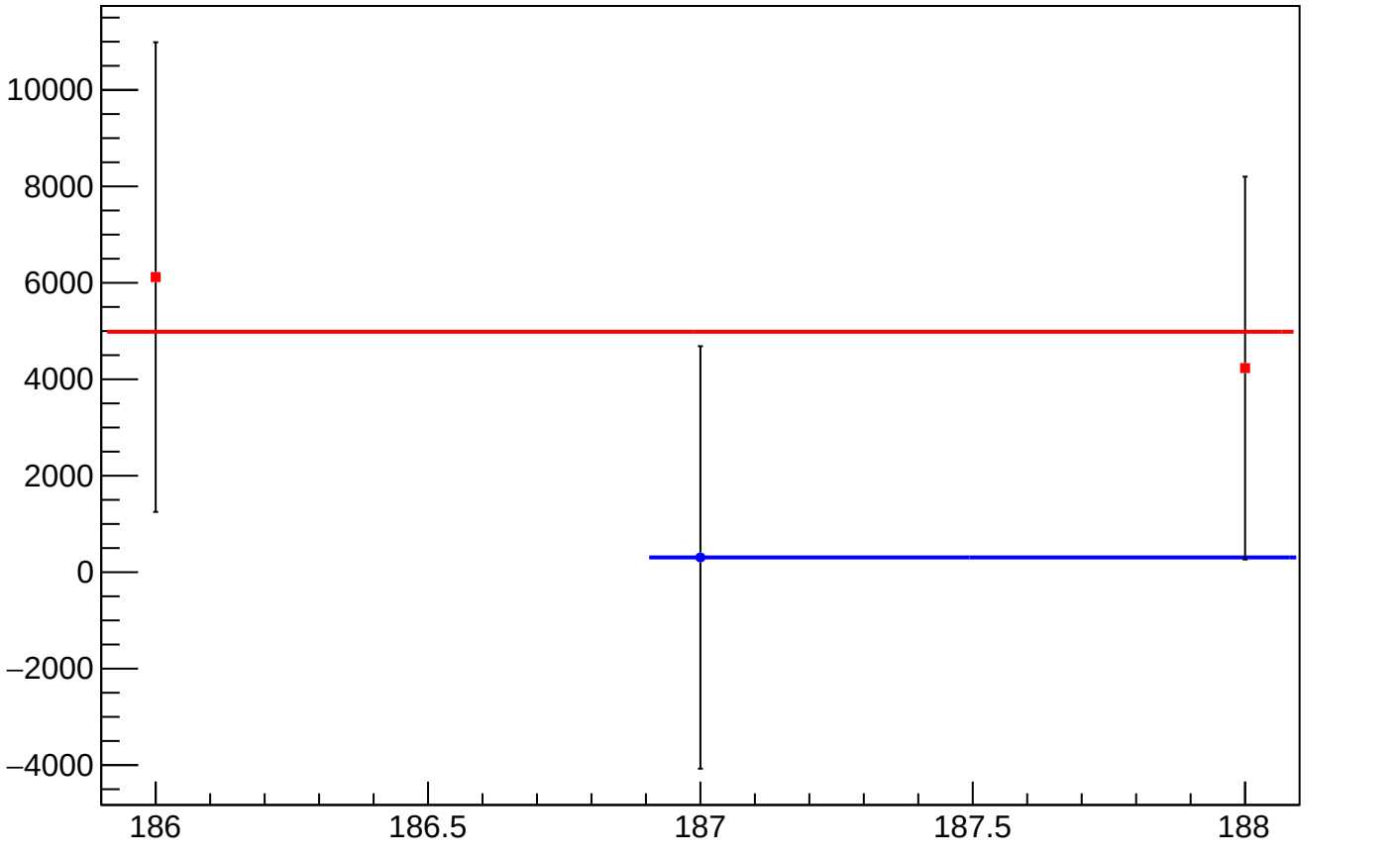
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 111.669+/-0.105 χ^2/NDF: 223432.5/2

In: 117.083+/-0.216 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 111.669+/-0.105 χ^2/NDF: 223432.5/2



Right In: 306.033+/-4379.803 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4985.758+/-3076.326 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

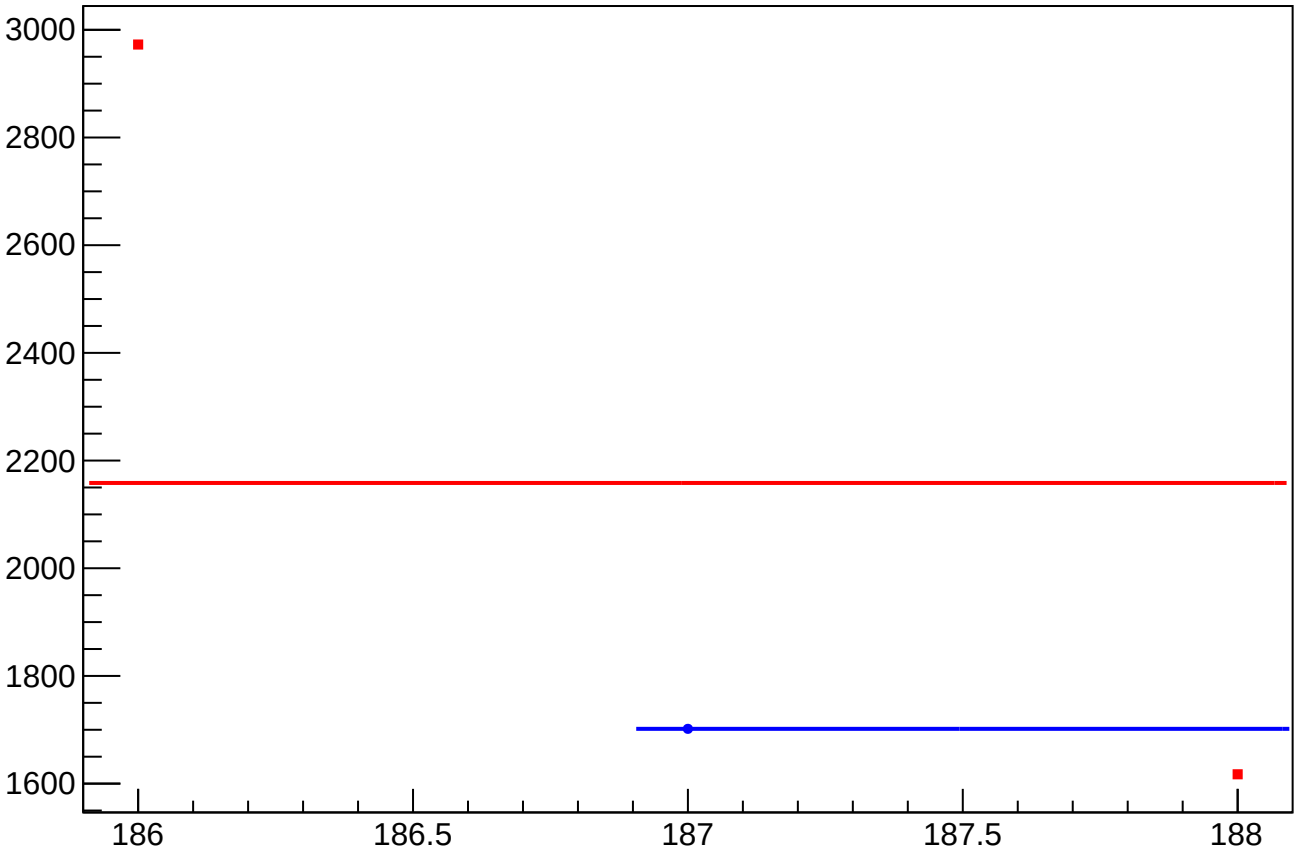
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3439.741+/-2517.396 χ^2/NDF: 0.9/2

In: 306.033+/-4379.803 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3439.741+/-2517.396 χ^2/NDF: 0.9/2



Right In: 1701.733+/-3.097 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2158.399+/-2.175 χ^2/NDF: 93111.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

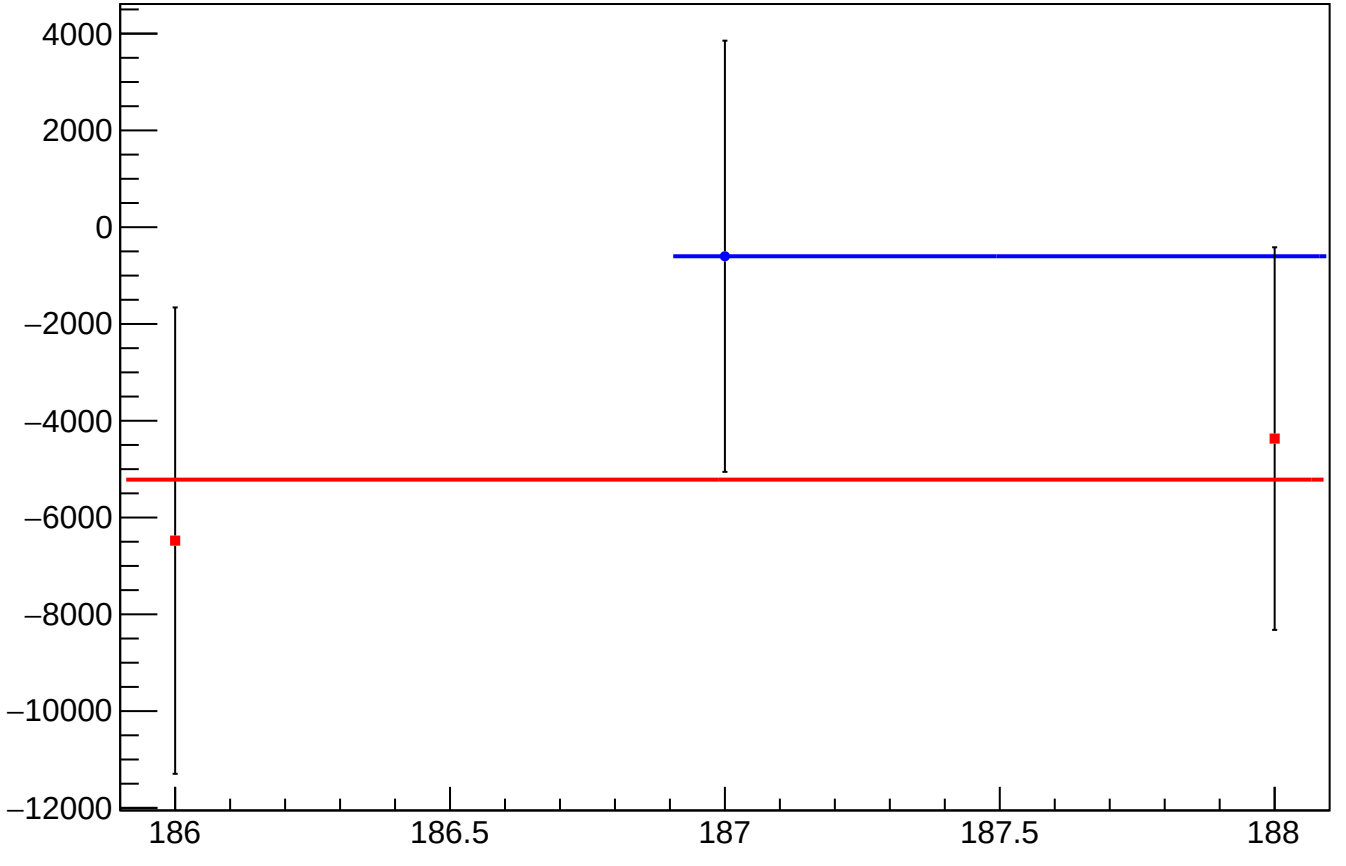
Right: 2007.532+/-1.780 χ^2/NDF: 107671.4/2

In: 1701.733+/-3.097 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2007.532+/-1.780 χ^2/NDF: 107671.4/2

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -600.770+/-4455.156 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5216.603+/-3056.102 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

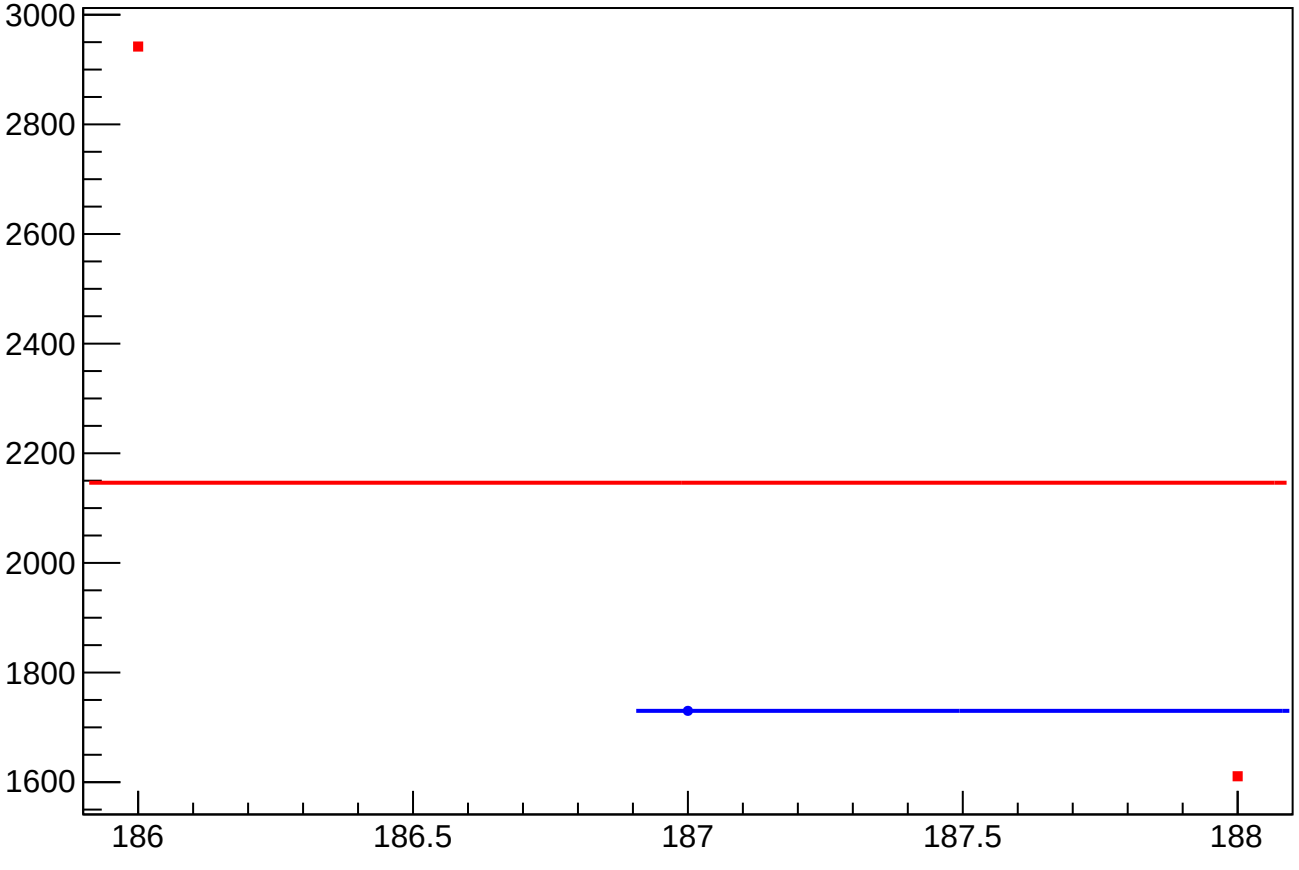
Right: -3739.609+/-2520.155 χ^2/NDF: 0.8/2

In: -600.770+/-4455.156 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3739.609+/-2520.155 χ^2/NDF: 0.8/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1730.123+/-3.150 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2146.282+/-2.161 χ^2/NDF: 91245.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

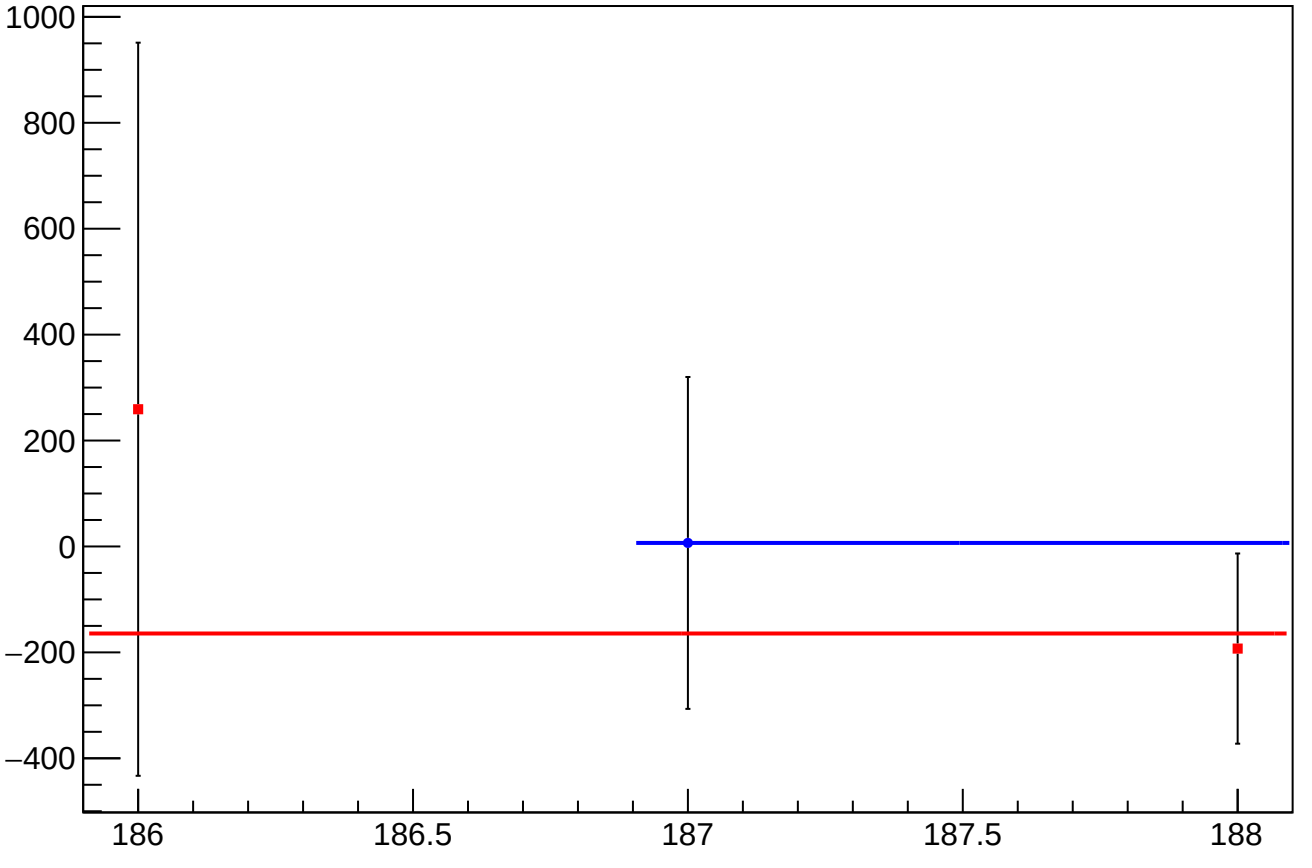
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2013.117+/-1.782 χ^2/NDF: 103112.3/2

In: 1730.123+/-3.150 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2013.117+/-1.782 χ^2/NDF: 103112.3/2



Right In: 6.662+/-313.359 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -164.344+/-173.810 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

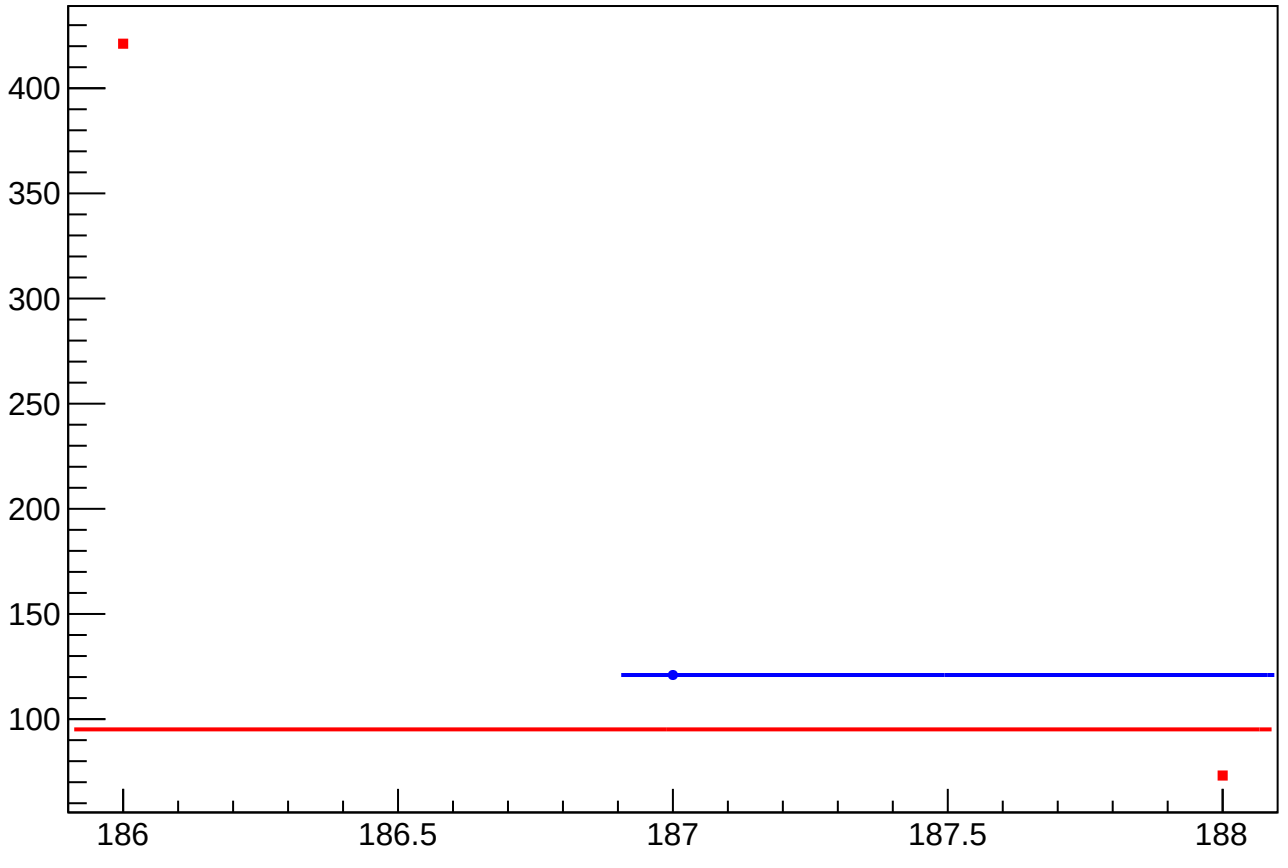
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -124.111+/-151.994 χ^2/NDF: 0.6/2

In: 6.662+/-313.359 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -124.111+/-151.994 χ^2/NDF: 0.6/2



Right In: 120.976+/-0.222 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 95.117+/-0.123 χ^2/NDF: 473687.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

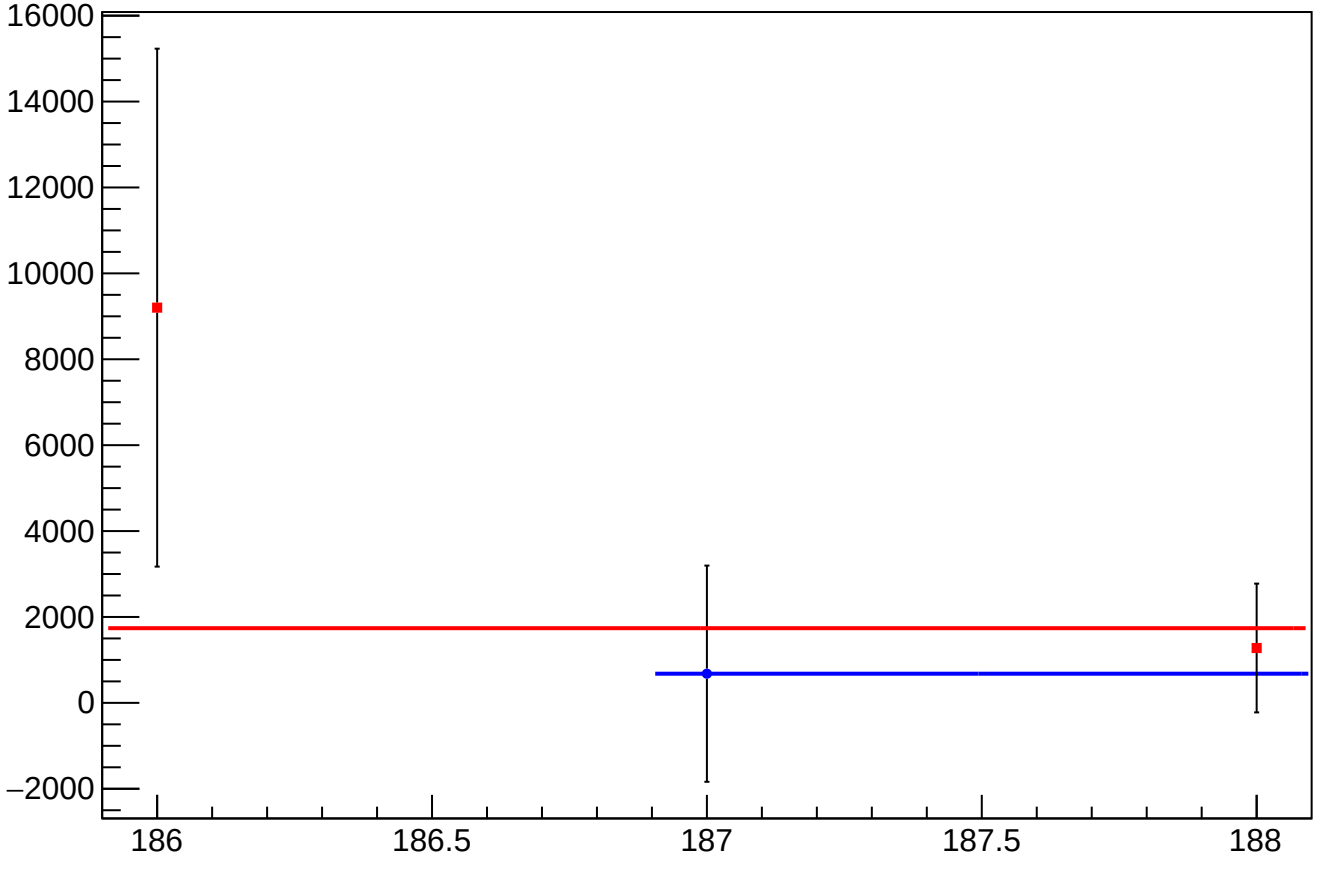
Right: 101.201+/-0.107 χ^2/NDF: 484102.3/2

In: 120.976+/-0.222 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 101.201+/-0.107 χ^2/NDF: 484102.3/2

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 679.124+/-2516.865 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1738.650+/-1455.032 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

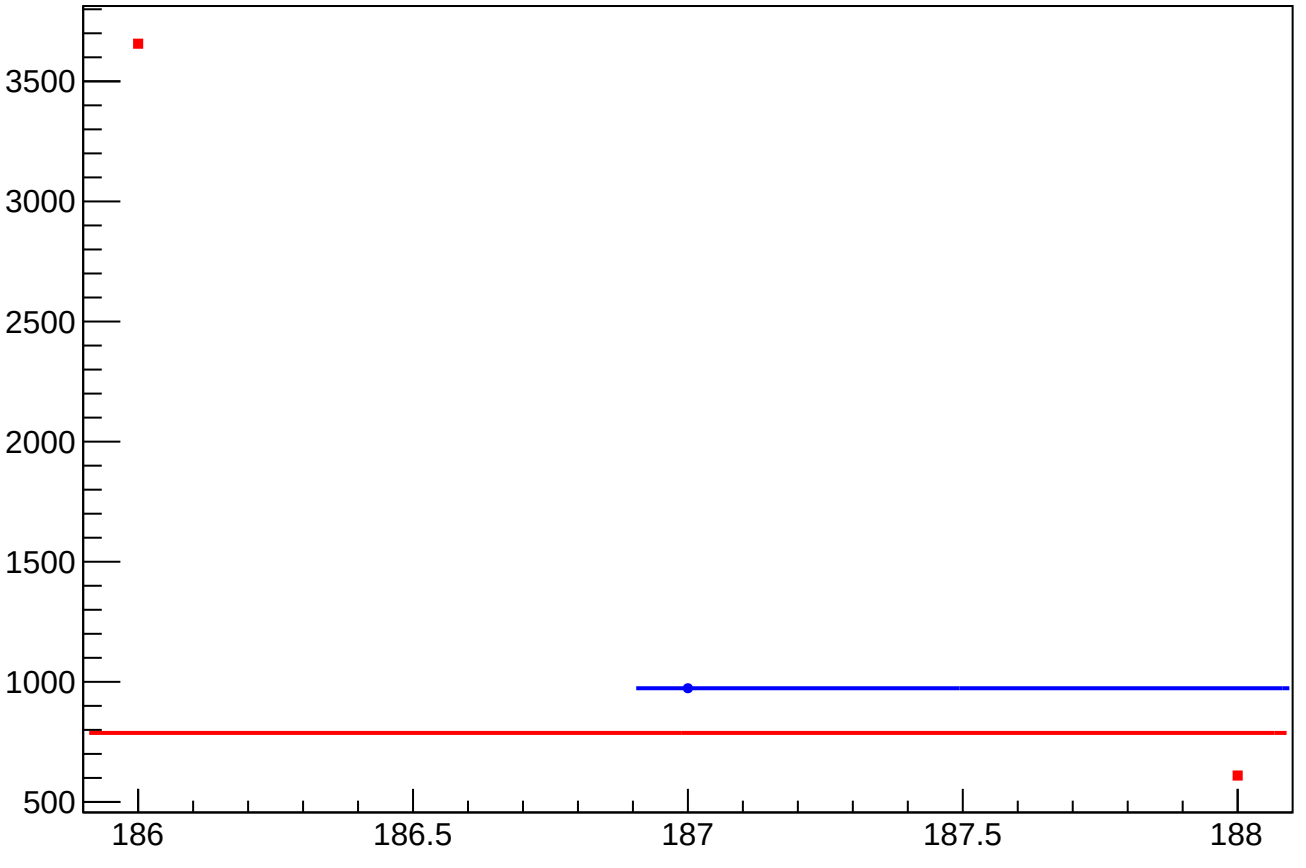
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1473.244+/-1259.678 χ^2/NDF: 1.8/2

In: 679.124+/-2516.865 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1473.244+/-1259.678 χ^2/NDF: 1.8/2



Right In: 973.362+/-1.780 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 787.343+/-1.029 χ^2/NDF: 480893.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

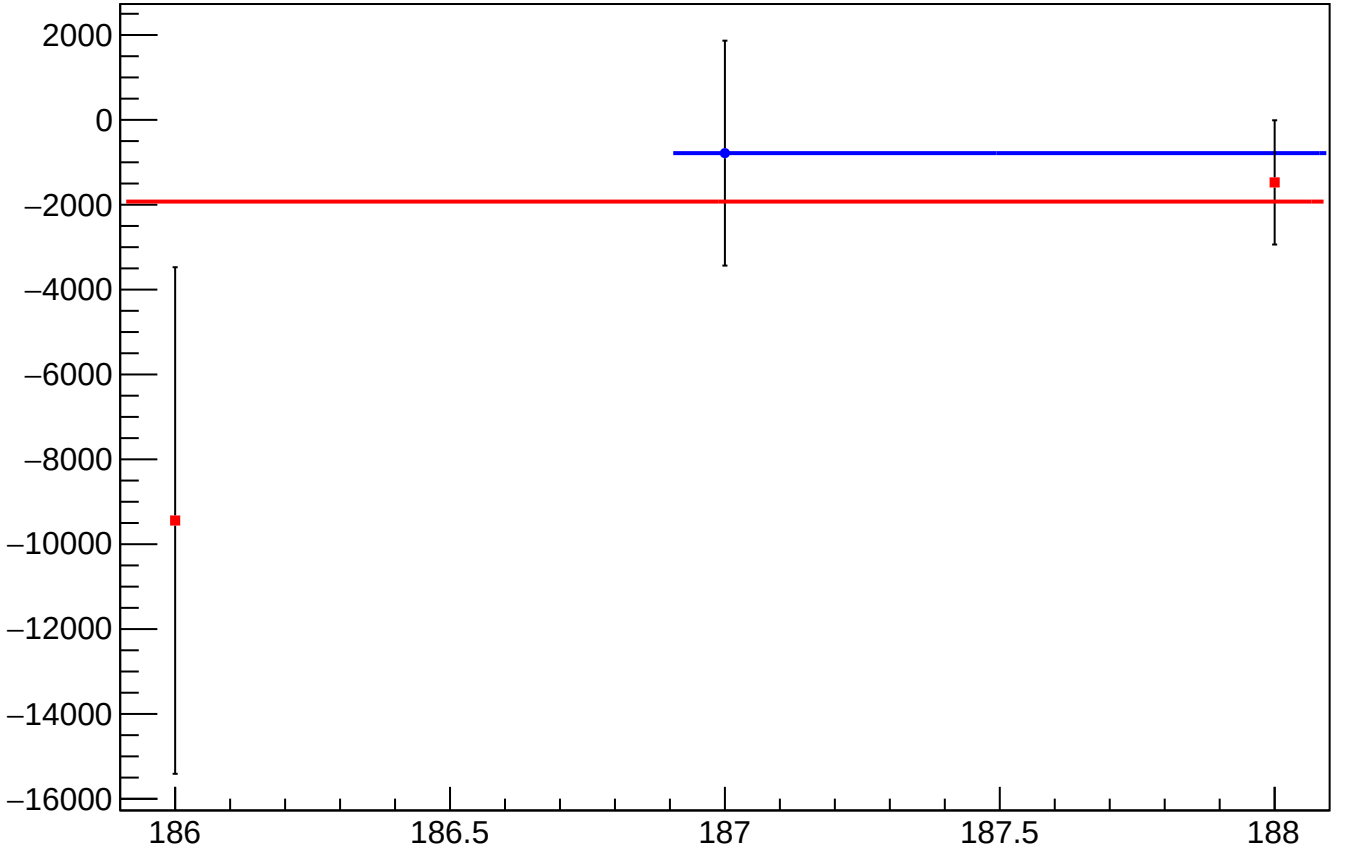
Right: 833.940+/-0.891 χ^2/NDF: 489082.1/2

In: 973.362+/-1.780 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 833.940+/-0.891 χ^2/NDF: 489082.1/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -783.813+/-2650.230 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1925.731+/-1421.906 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

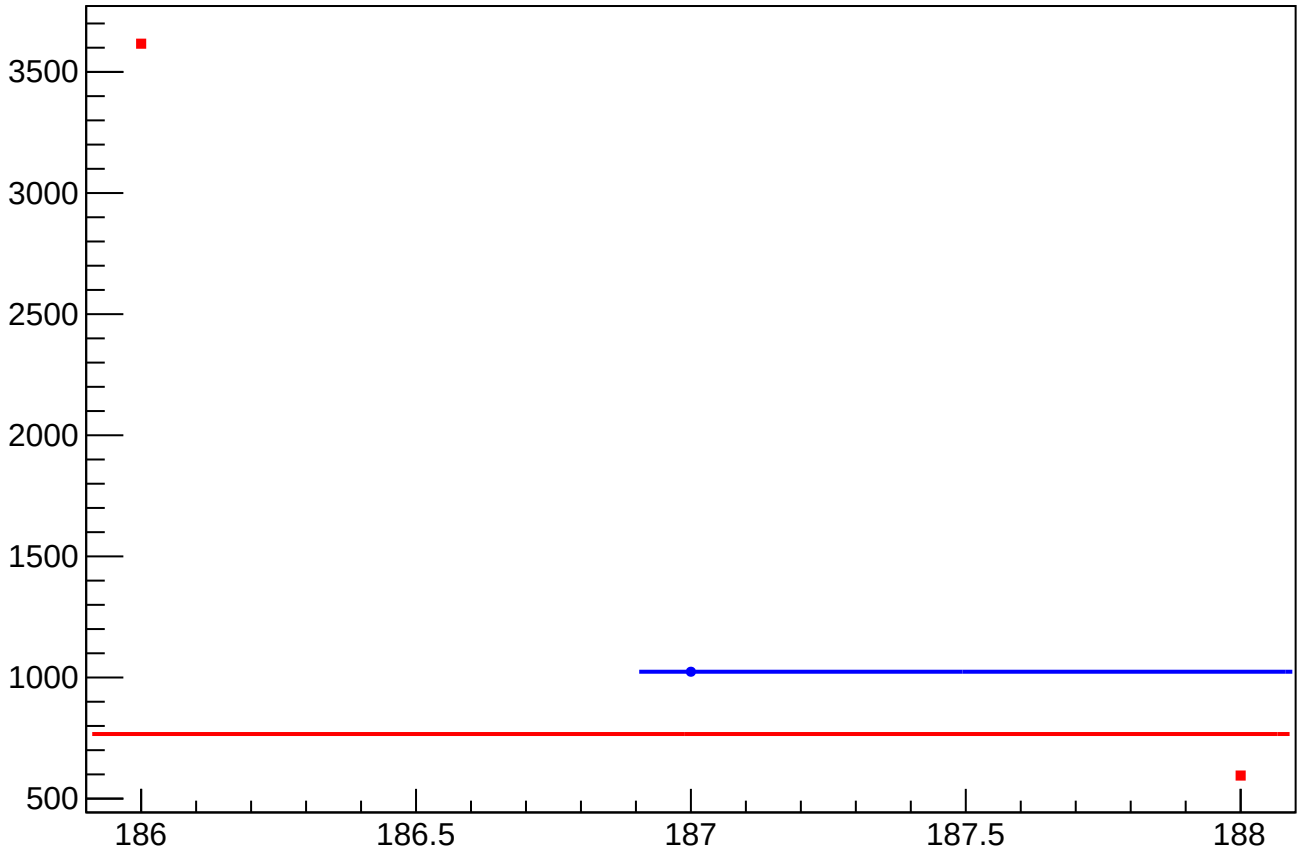
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1670.495+/-1252.960 χ^2/NDF: 1.8/2

In: -783.813+/-2650.230 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1670.495+/-1252.960 χ^2/NDF: 1.8/2



Right In: 1023.828+/-1.874 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 766.696+/-1.005 χ^2/NDF: 483308.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

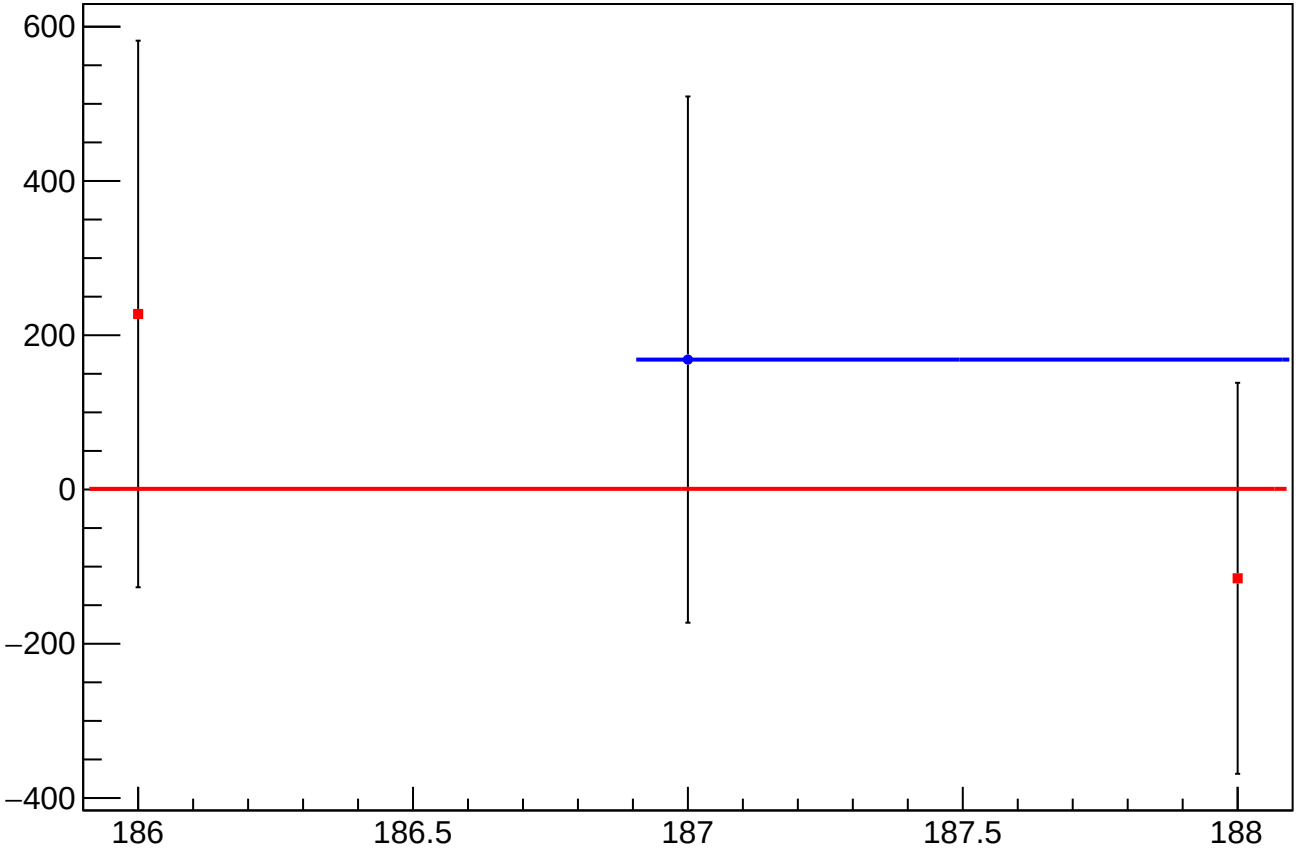
Right: 824.169+/-0.886 χ^2/NDF: 497927.0/2

In: 1023.828+/-1.874 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 824.169+/-0.886 χ^2/NDF: 497927.0/2

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 168.427+/-341.124 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.846+/-206.143 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

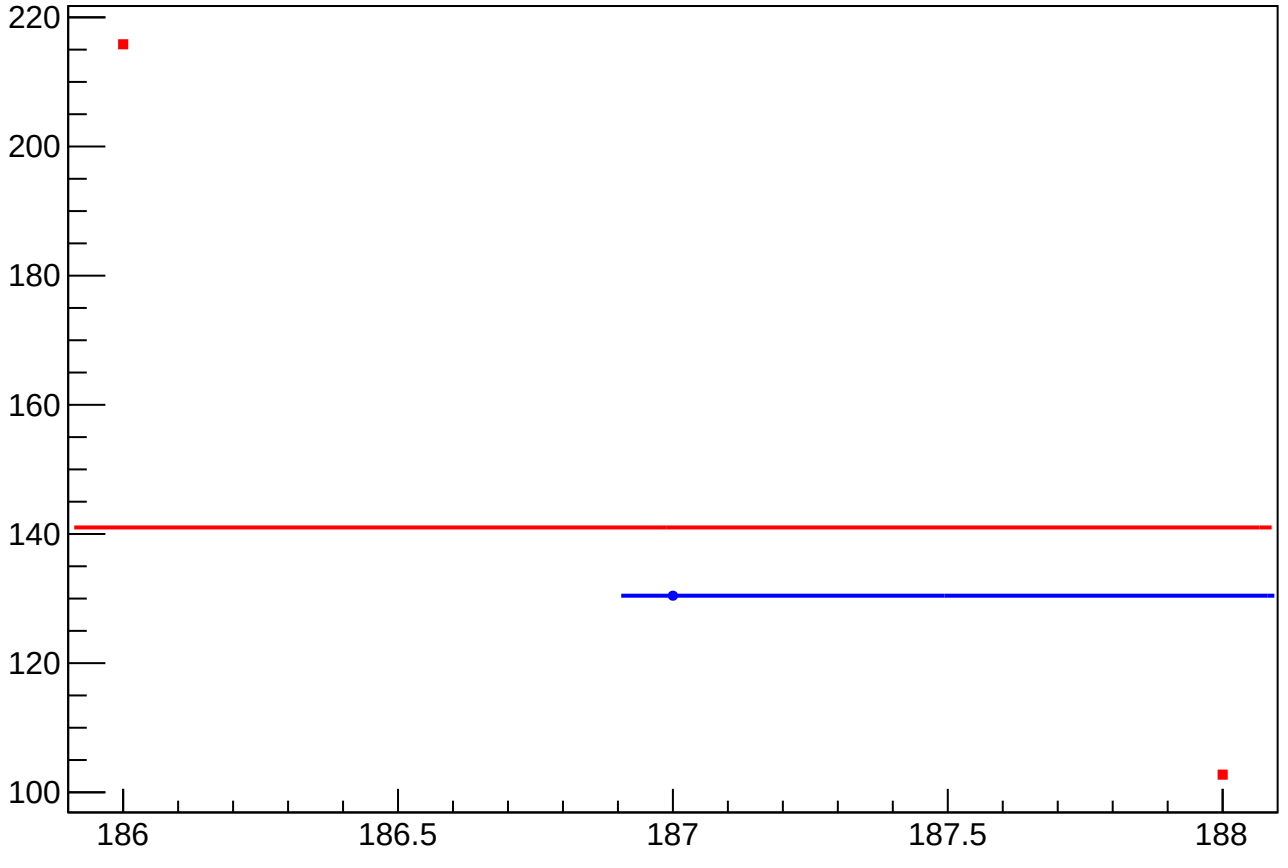
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 45.674+/-176.430 χ^2/NDF: 0.8/2

In: 168.427+/-341.124 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 45.674+/-176.430 χ^2/NDF: 0.8/2



Right In: 130.445+/-0.241 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 141.013+/-0.146 χ^2/NDF: 134772.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

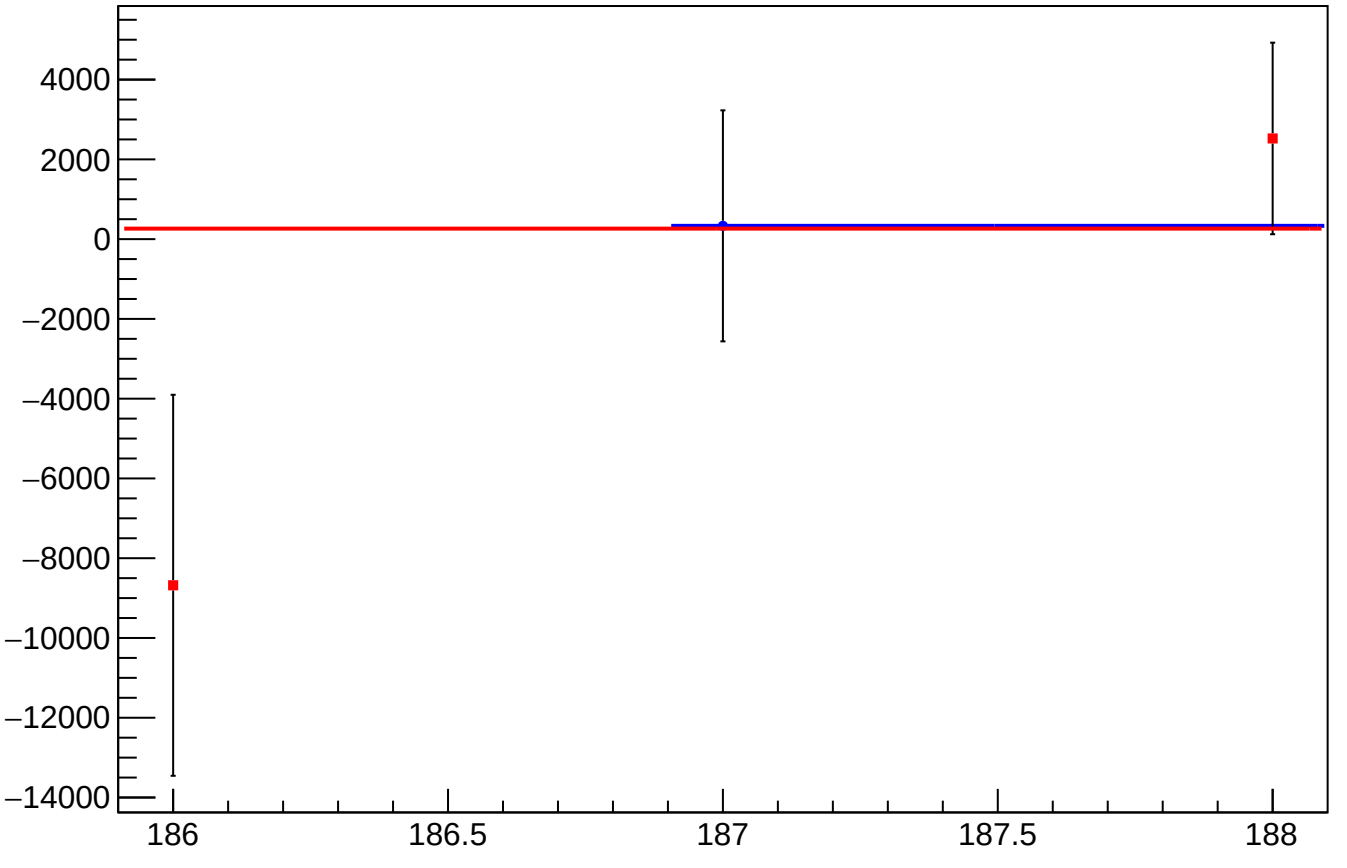
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 138.186+/-0.125 χ^2/NDF: 136178.8/2

In: 130.445+/-0.241 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 138.186+/-0.125 χ^2/NDF: 136178.8/2



Right In: 333.157+/-2896.244 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 263.791+/-2145.642 χ^2/NDF: 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

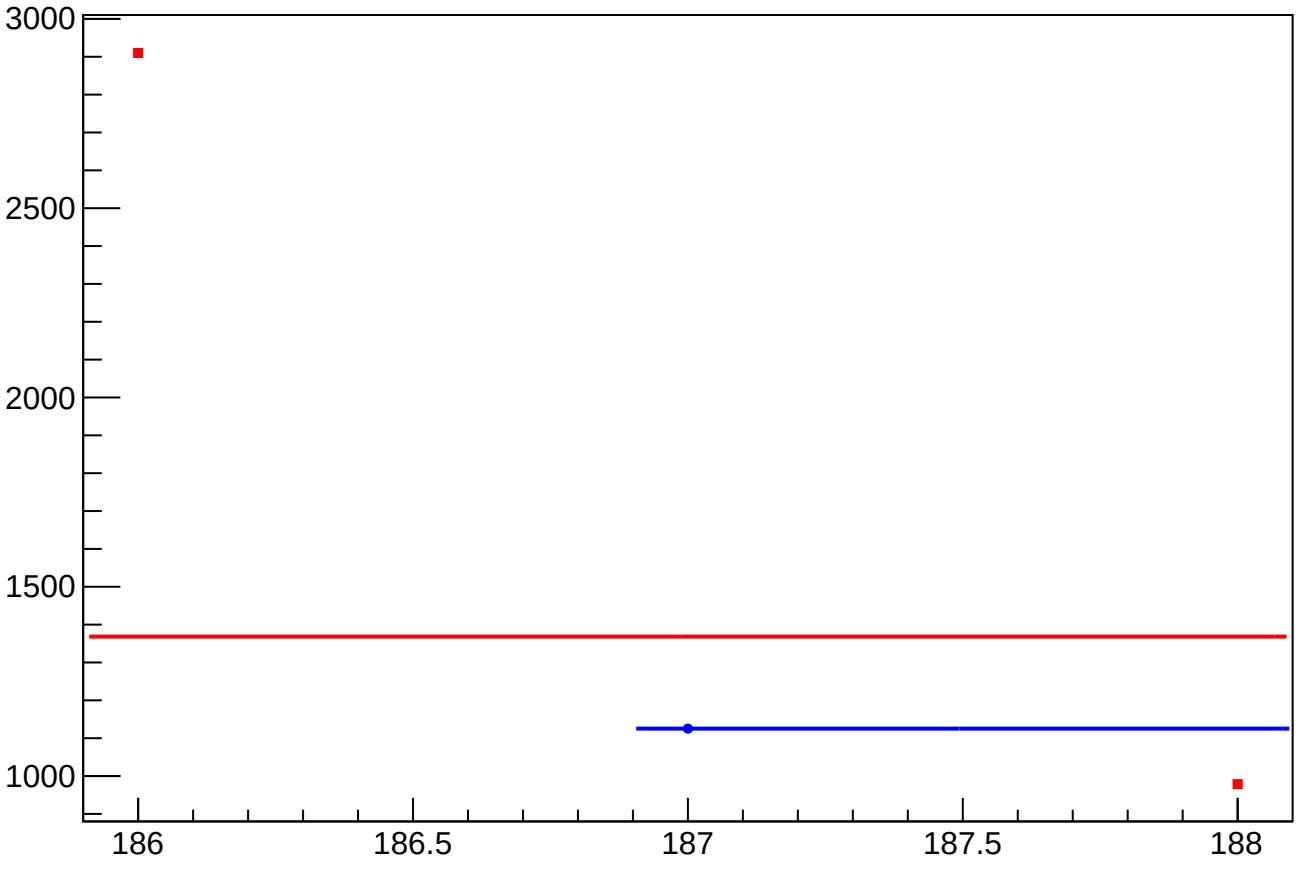
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 288.371+/-1724.067 χ^2/NDF: 4.4/2

In: 333.157+/-2896.244 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 288.371+/-1724.067 χ^2/NDF: 4.4/2



Right In: 1125.303+/-2.048 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1368.334+/-1.517 χ^2/NDF: 261028.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

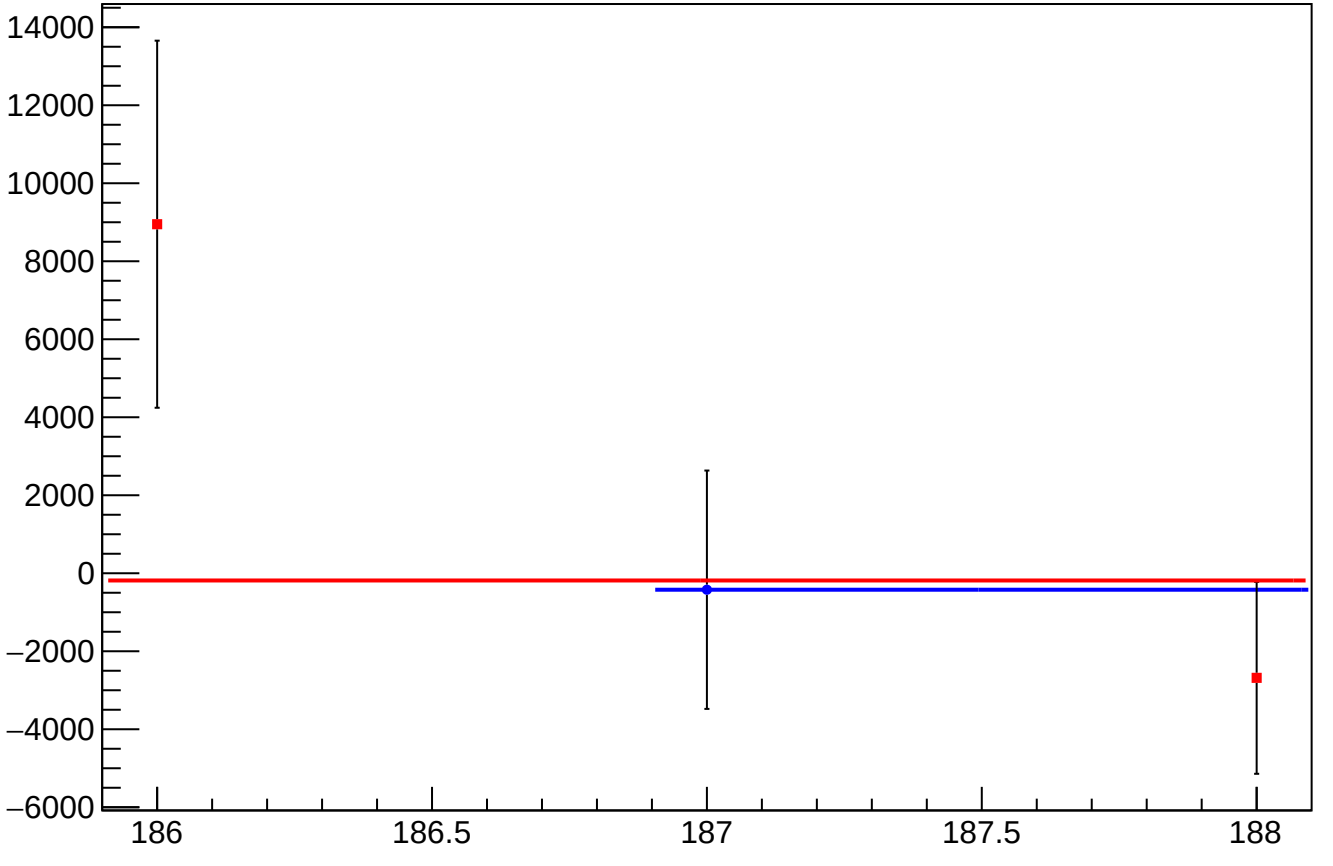
Right: 1282.215+/-1.219 χ^2/NDF: 270121.1/2

In: 1125.303+/-2.048 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1282.215+/-1.219 χ^2/NDF: 270121.1/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -422.369+/-3055.841 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -185.154+/-2180.377 χ^2/NDF: 4.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

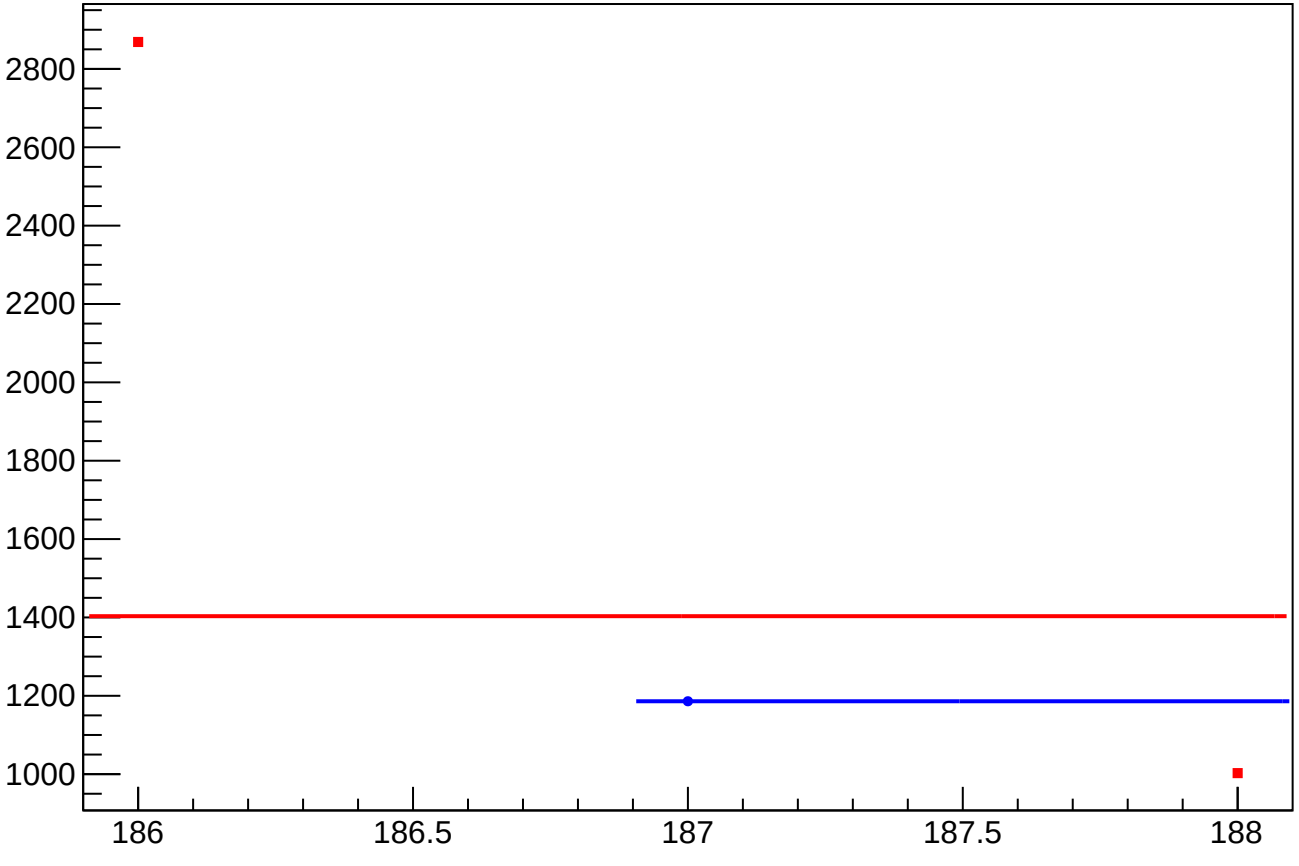
Right: -265.179+/-1774.896 χ^2/NDF: 4.8/2

In: -422.369+/-3055.841 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -265.179+/-1774.896 χ^2/NDF: 4.8/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1186.048+/-2.161 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1403.201+/-1.542 χ^2/NDF: 246967.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

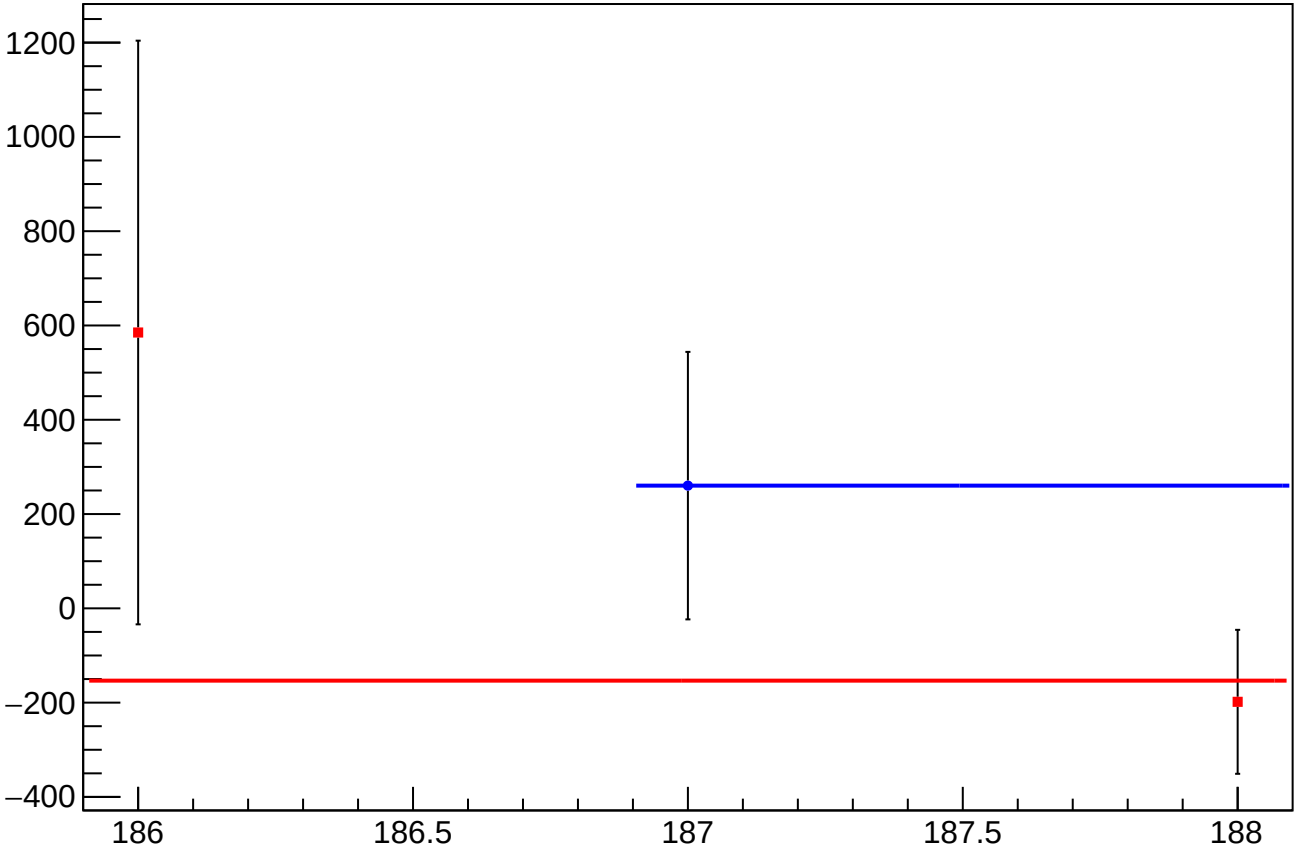
Right: 1329.944+/-1.255 χ^2/NDF: 253659.7/2

In: 1186.048+/-2.161 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1329.944+/-1.255 χ^2/NDF: 253659.7/2

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 260.284+/-283.706 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -153.360+/-148.236 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

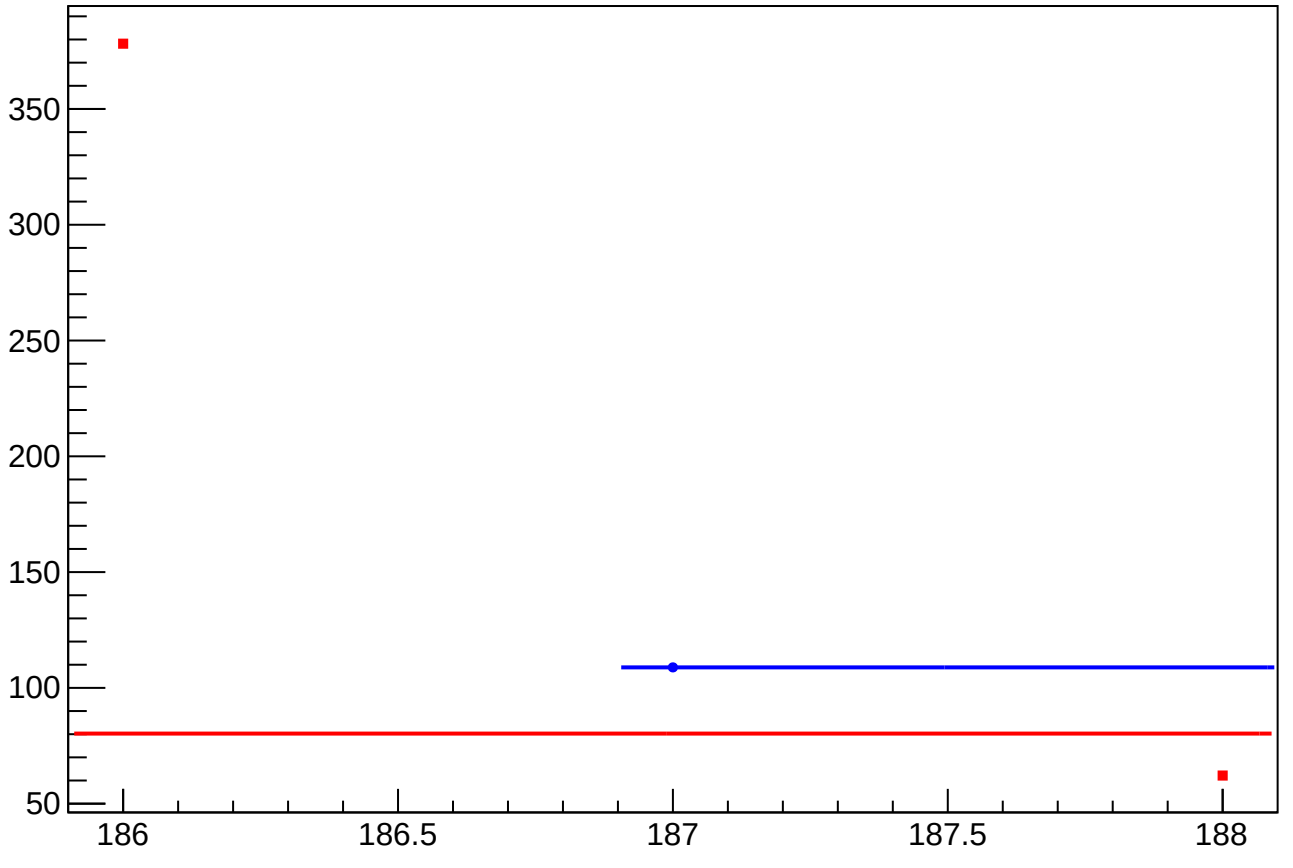
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -64.651+/-131.383 χ^2/NDF: 3.2/2

In: 260.284+/-283.706 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -64.651+/-131.383 χ^2/NDF: 3.2/2



Right In: 108.854+/-0.201 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 80.266+/-0.105 χ^2/NDF: 491433.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

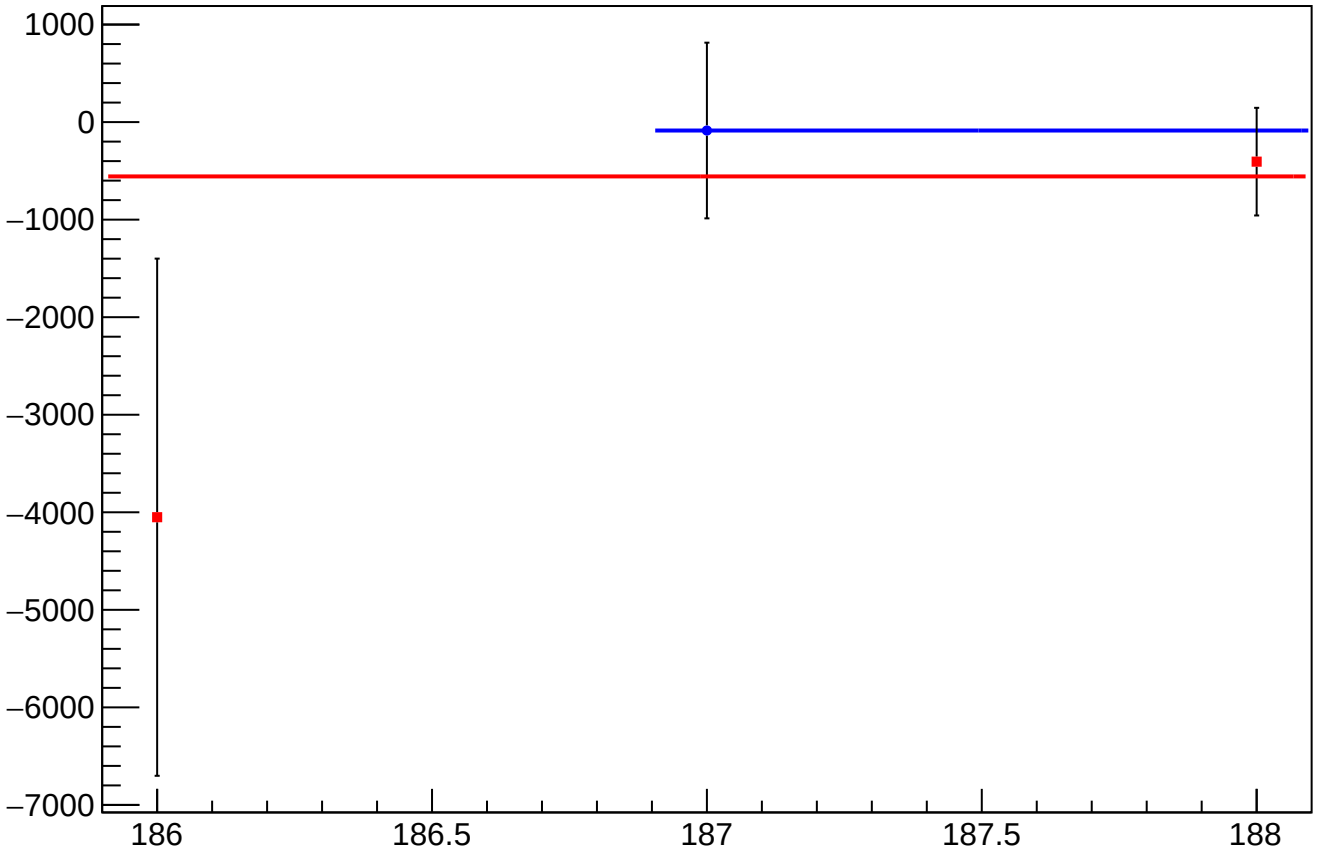
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 86.397+/-0.093 χ^2/NDF: 507385.7/2

In: 108.854+/-0.201 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 86.397+/-0.093 χ^2/NDF: 507385.7/2



Right In: -86.327+/-900.586 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -556.858+/-540.188 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

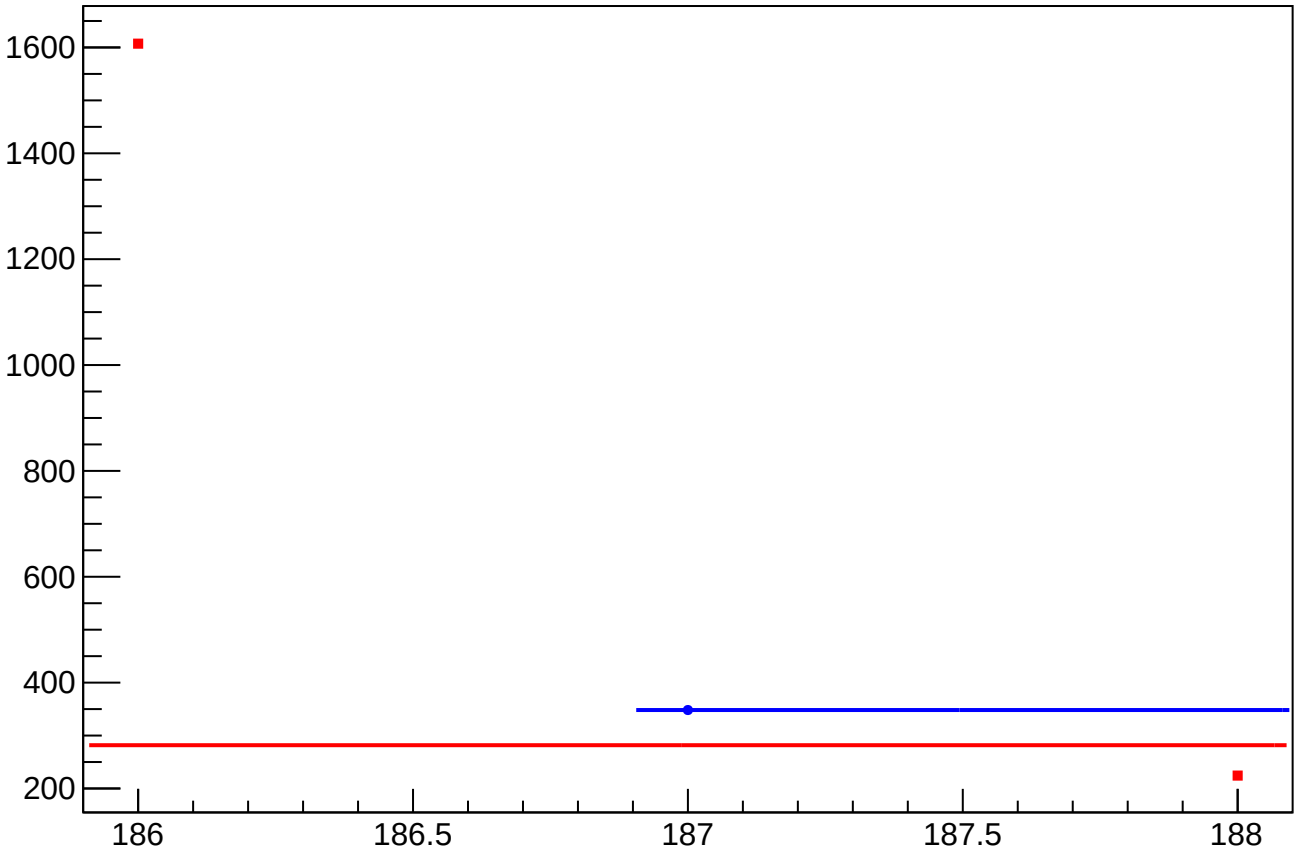
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -432.361+/-463.244 χ^2/NDF: 2.0/2

In: -86.327+/-900.586 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -432.361+/-463.244 χ^2/NDF: 2.0/2



Right In: 348.225+/-0.637 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 281.777+/-0.382 χ^2/NDF: 521584.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

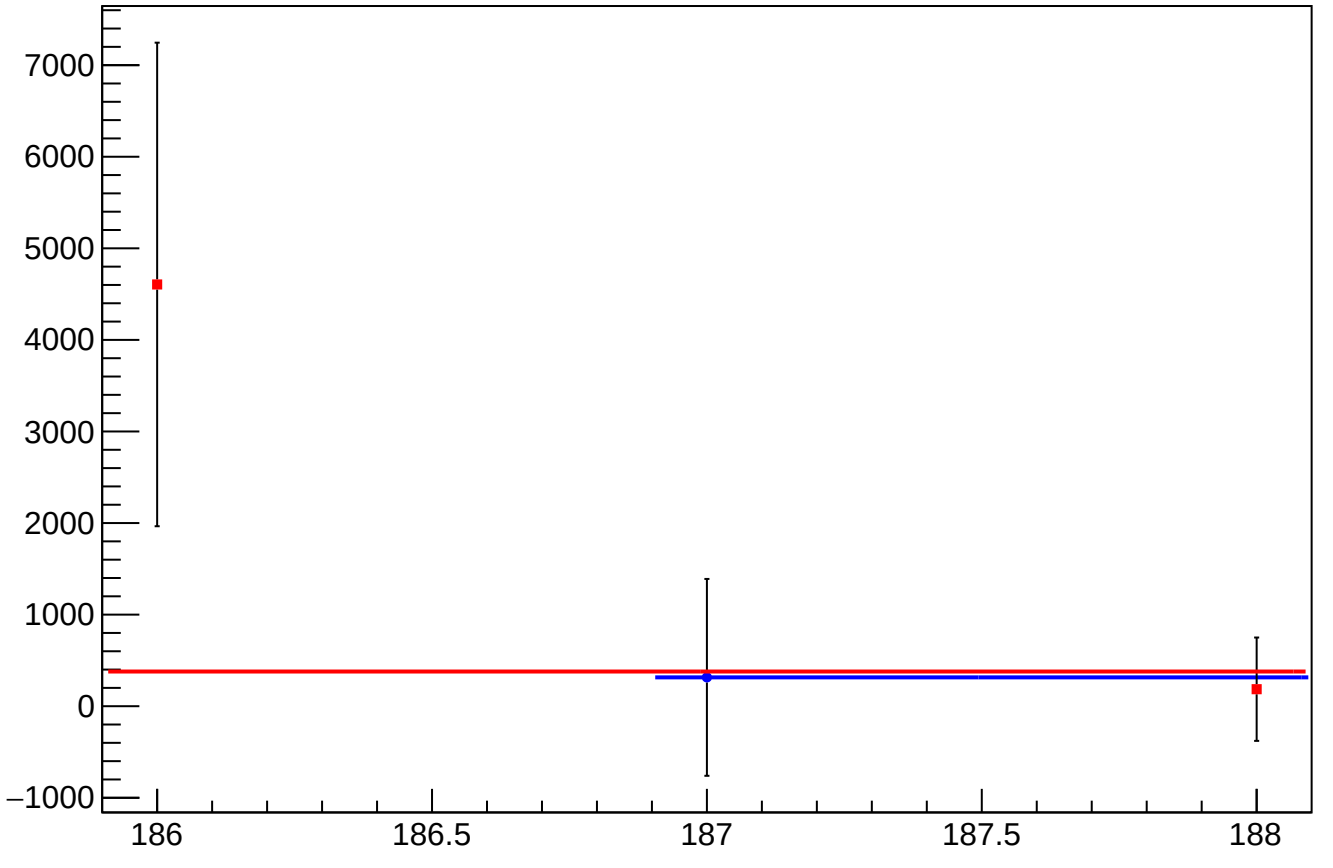
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 299.358+/-0.328 χ^2/NDF: 529591.2/2

In: 348.225+/-0.637 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 299.358+/-0.328 χ^2/NDF: 529591.2/2



Right In: 314.856+/-1074.786 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 378.773+/-551.788 χ^2/NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

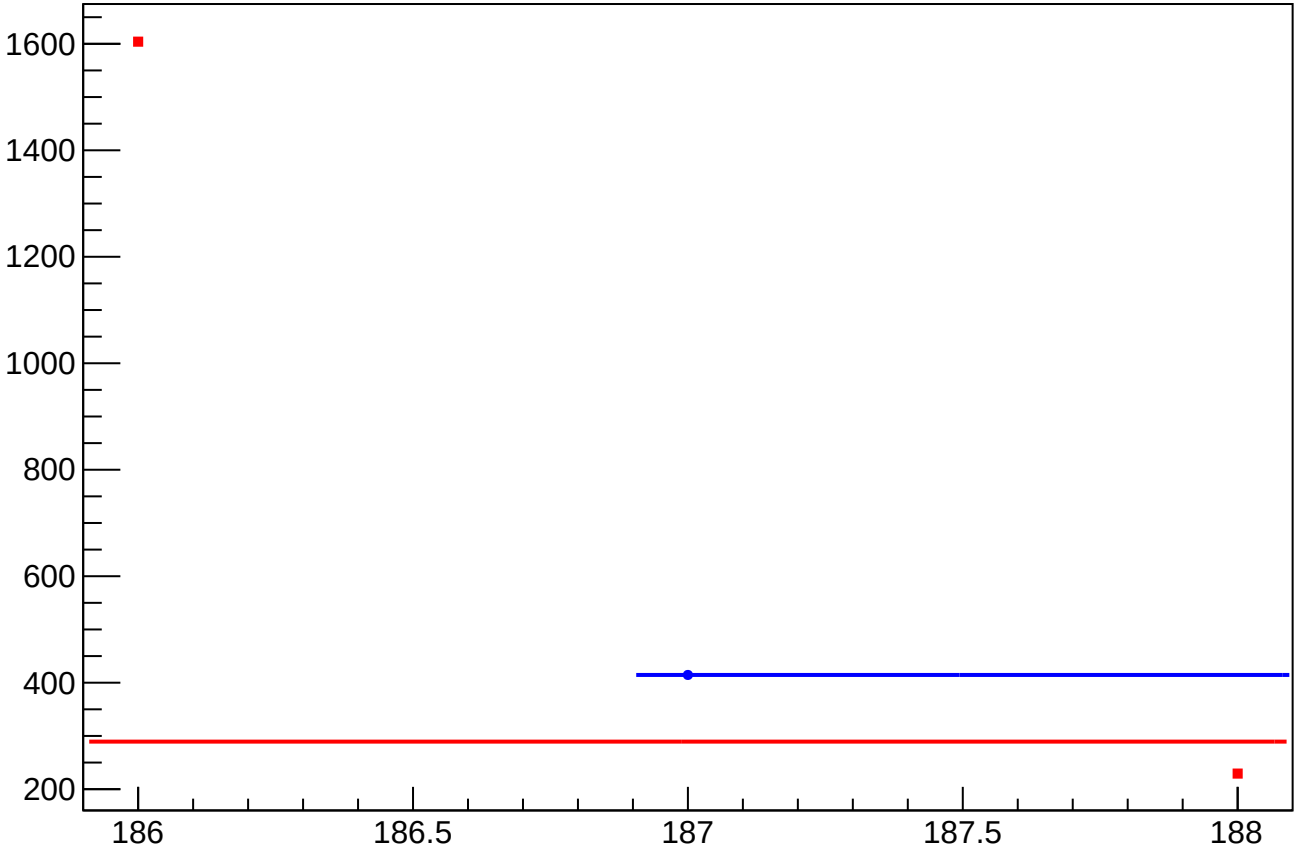
Right: 365.441+/-490.876 χ^2/NDF: 2.7/2

In: 314.856+/-1074.786 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 365.441+/-490.876 χ^2/NDF: 2.7/2

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 414.557+/-0.760 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 289.335+/-0.390 χ^2/NDF: 518569.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

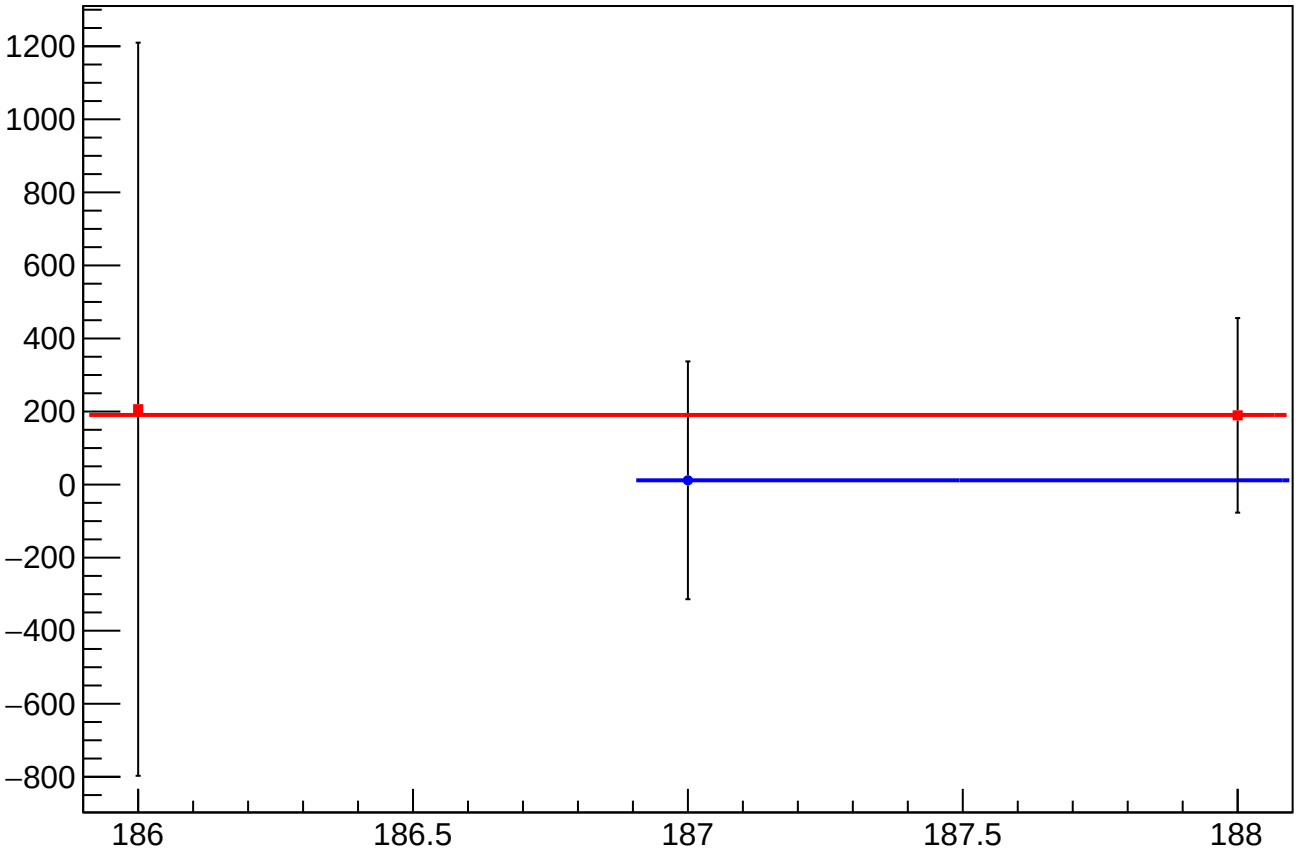
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 315.456+/-0.347 χ^2/NDF: 540055.0/2

In: 414.557+/-0.760 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 315.456+/-0.347 χ^2/NDF: 540055.0/2



Right In: 11.730+/-325.517 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 190.662+/-257.446 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

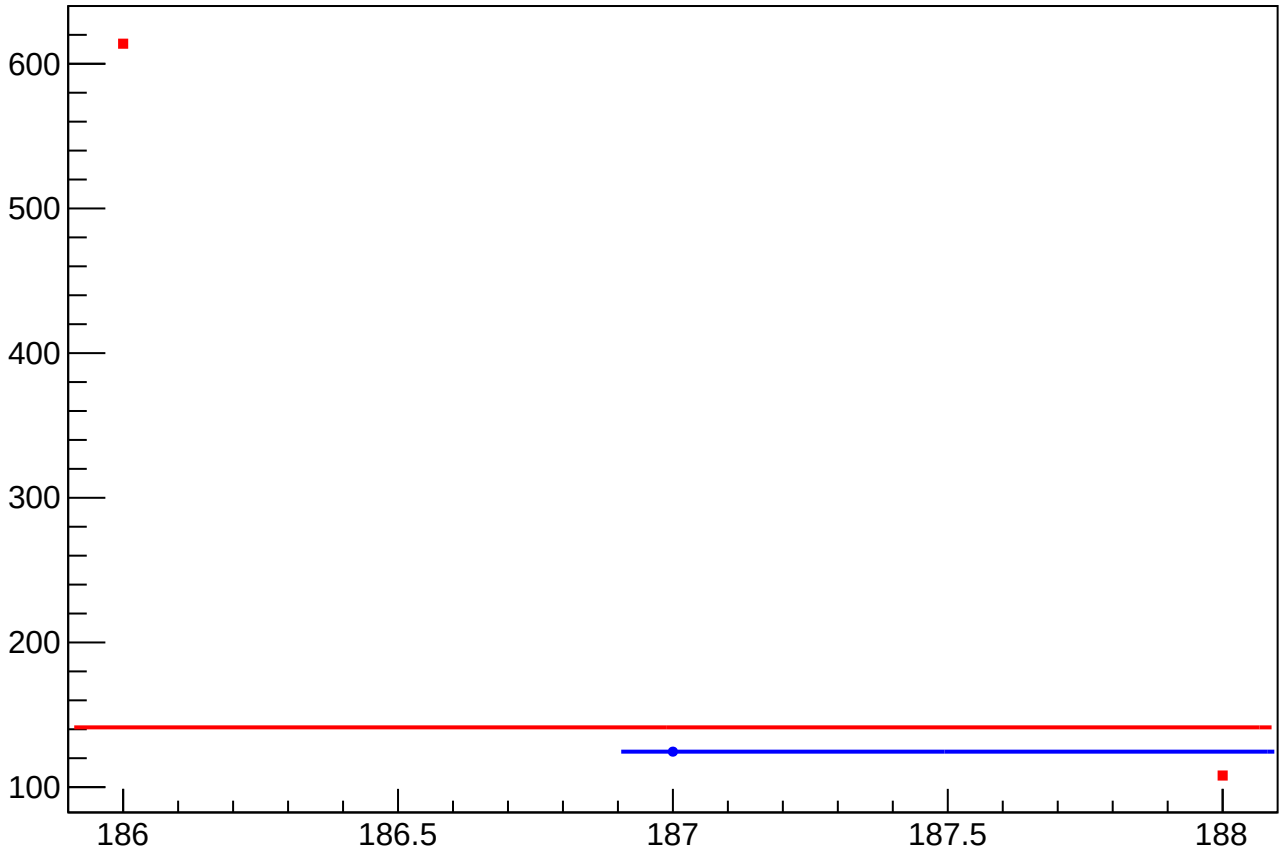
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 121.808+/-201.926 χ^2/NDF: 0.2/2

In: 11.730+/-325.517 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 121.808+/-201.926 χ^2/NDF: 0.2/2



Right In: 124.529+/-0.230 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 141.318+/-0.182 χ^2/NDF: 474746.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

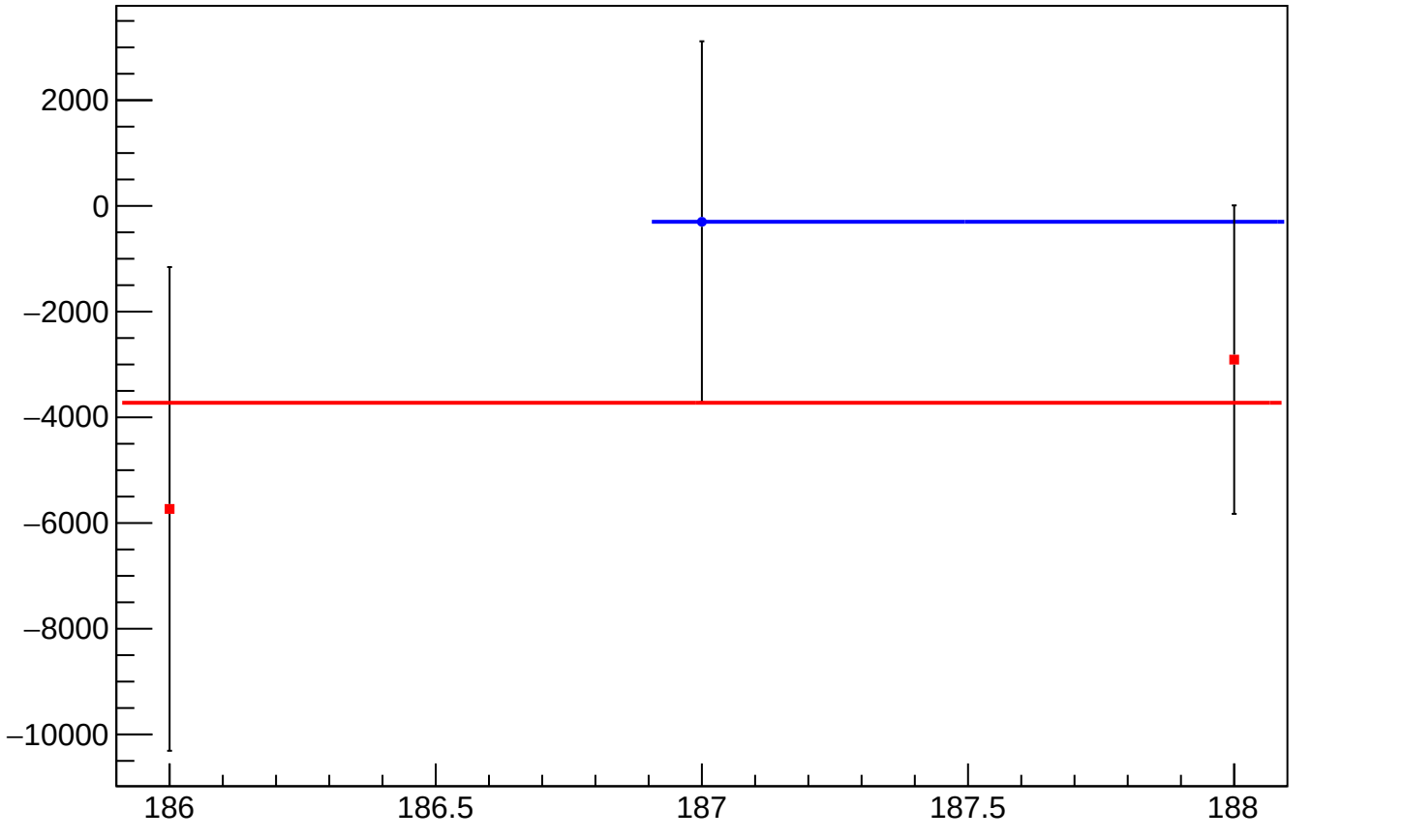
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 134.857+/-0.143 χ^2/NDF: 478019.1/2

In: 124.529+/-0.230 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 134.857+/-0.143 χ^2/NDF: 478019.1/2



Right In: -300.421+/-3414.904 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3724.866+/-2460.270 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

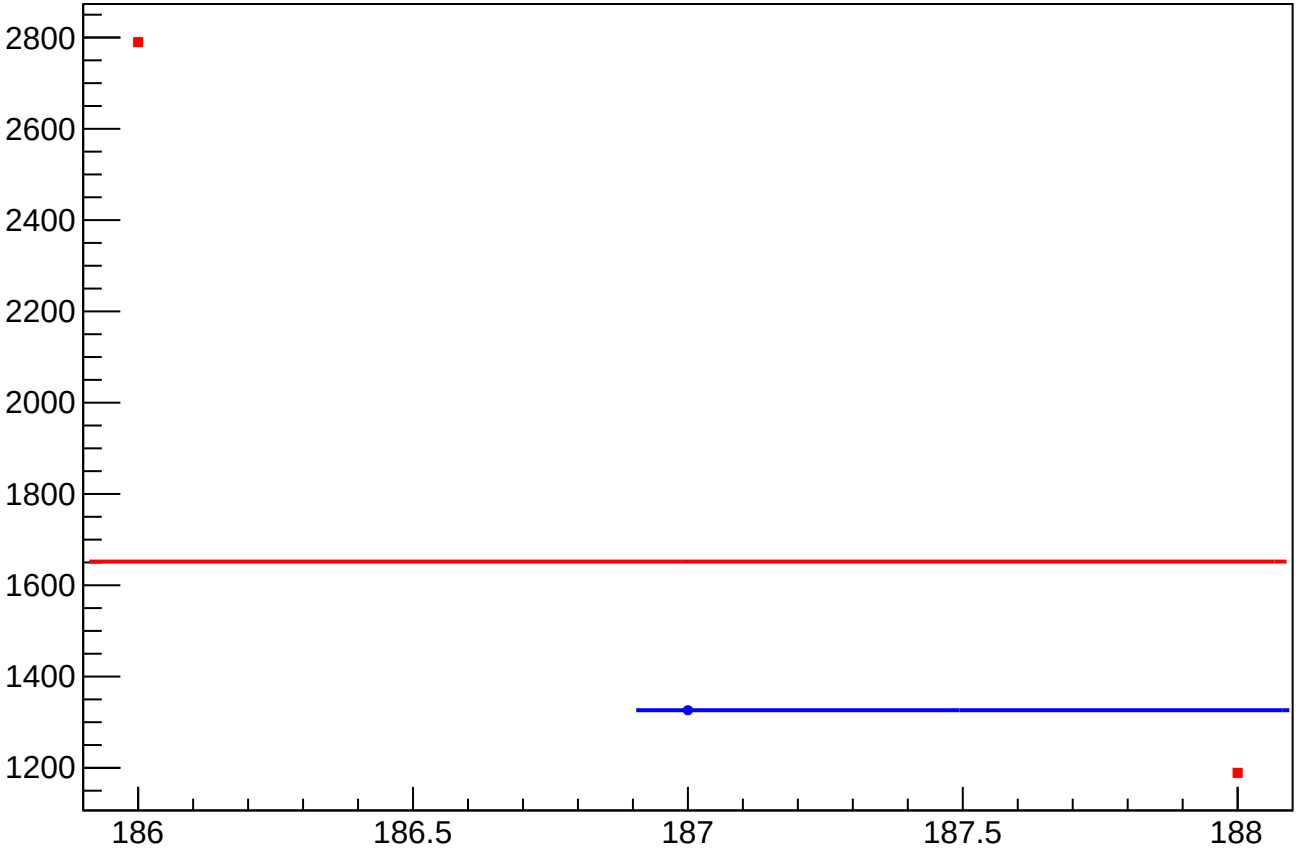
Right: -2554.756+/-1996.167 χ^2/NDF: 0.9/2

In: -300.421+/-3414.904 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2554.756+/-1996.167 χ^2/NDF: 0.9/2

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1326.266+/-2.415 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1651.867+/-1.740 χ^2/NDF: 174023.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

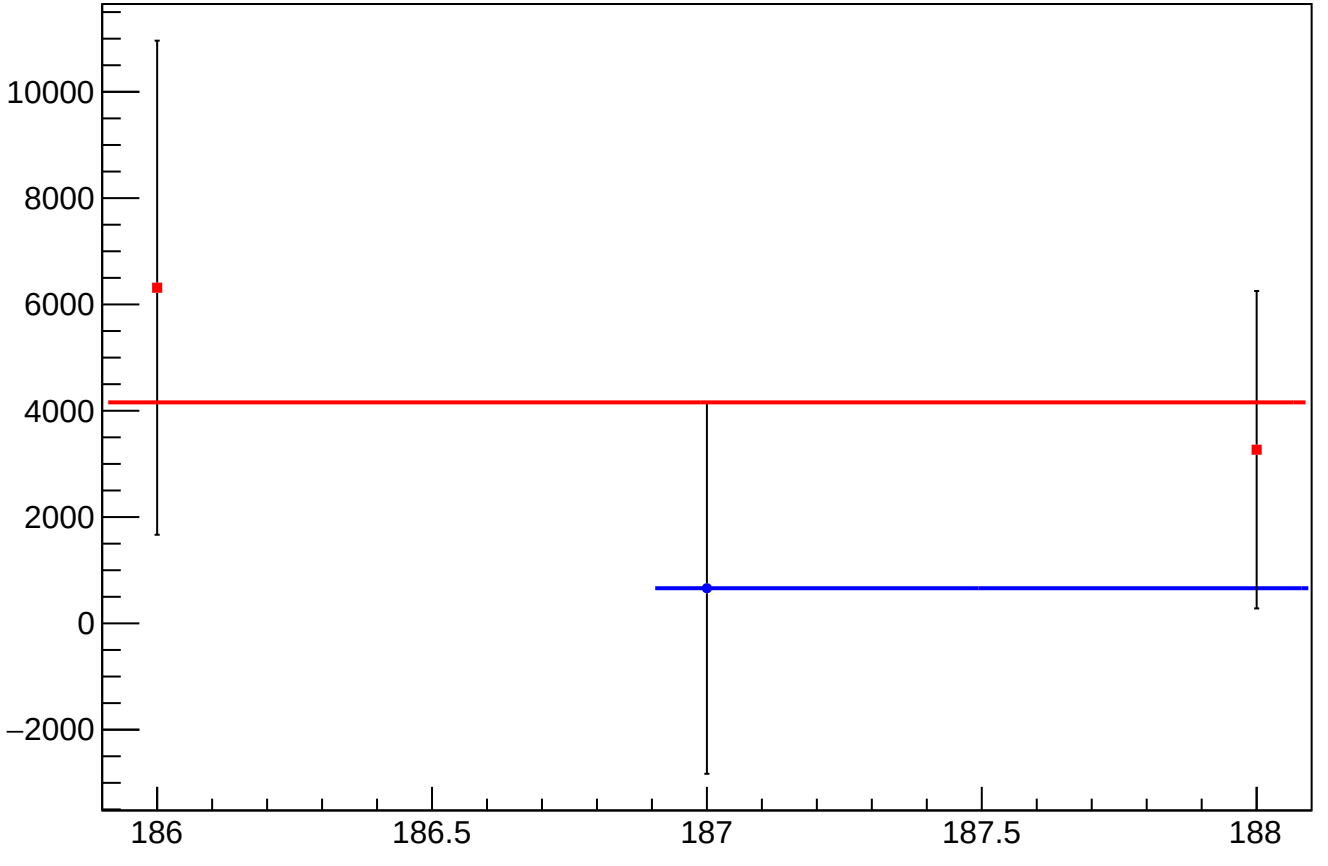
Right: 1540.612+/-1.412 χ^2/NDF: 185993.1/2

In: 1326.266+/-2.415 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1540.612+/-1.412 χ^2/NDF: 185993.1/2

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 661.464+/-3491.212 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4157.867+/-2512.239 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

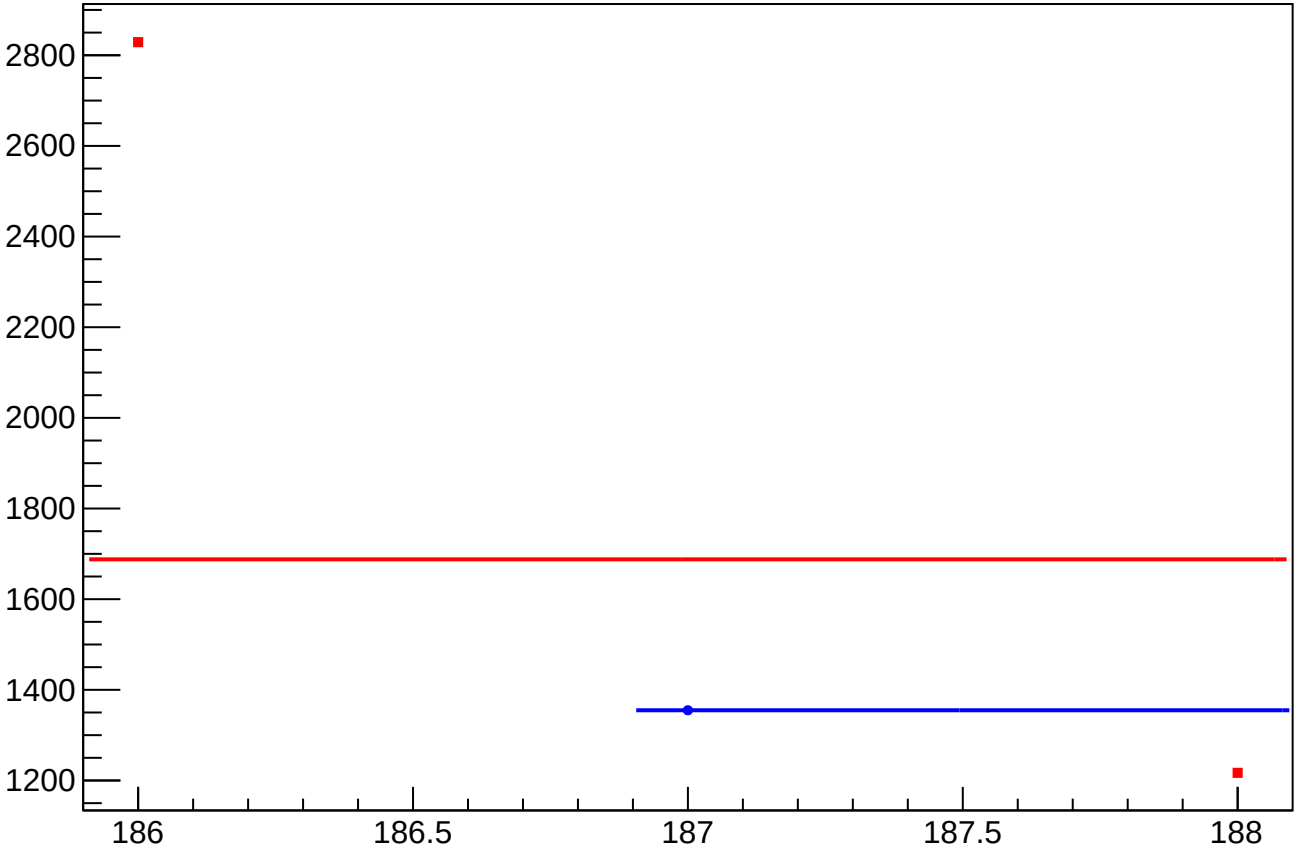
Right: 2965.050+/-2039.165 χ^2/NDF: 1.0/2

In: 661.464+/-3491.212 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2965.050+/-2039.165 χ^2/NDF: 1.0/2

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1354.921+/-2.469 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1687.894+/-1.776 χ^2/NDF: 170312.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

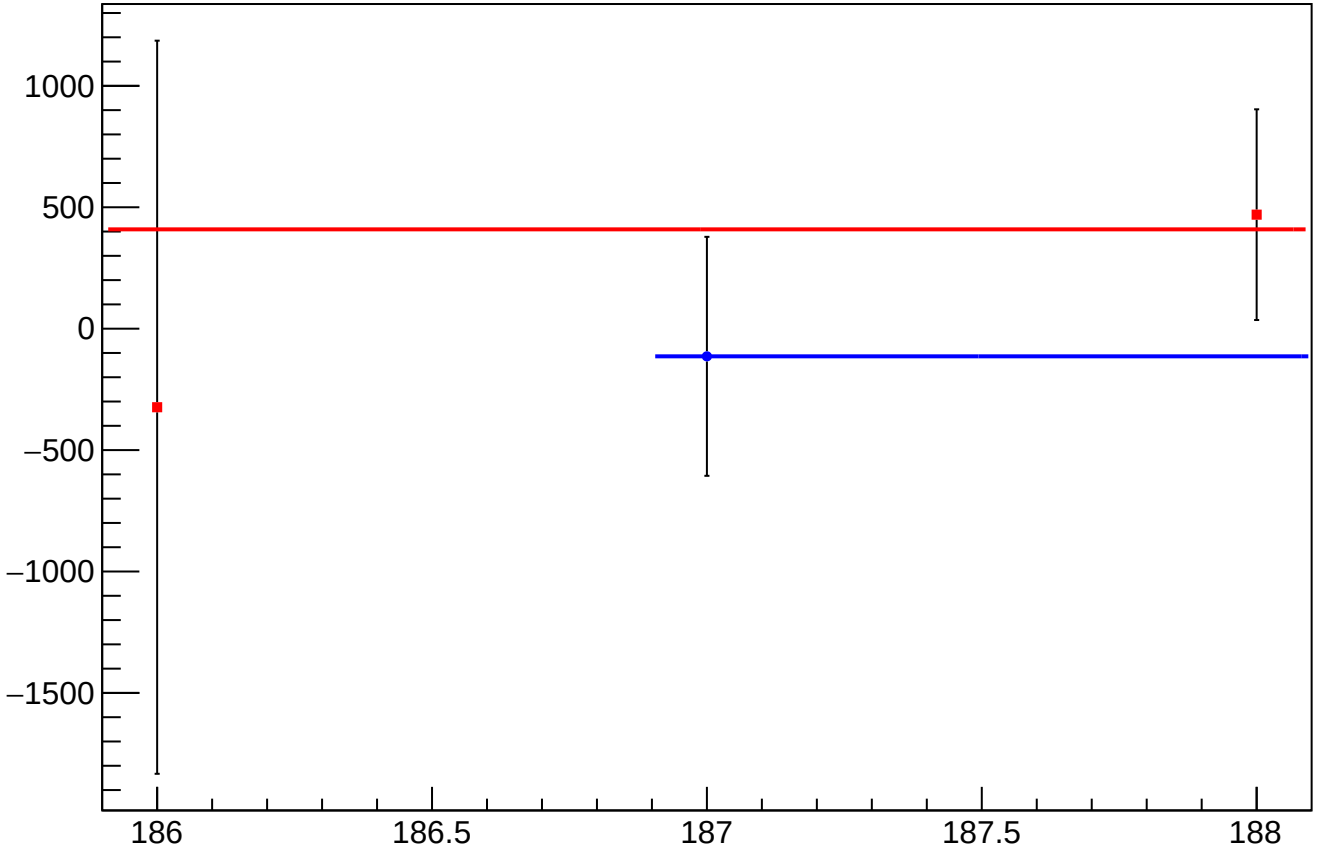
Right: 1574.298+/-1.442 χ^2/NDF: 182298.7/2

In: 1354.921+/-2.469 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1574.298+/-1.442 χ^2/NDF: 182298.7/2

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -113.865+/-492.068 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 409.036+/-416.975 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

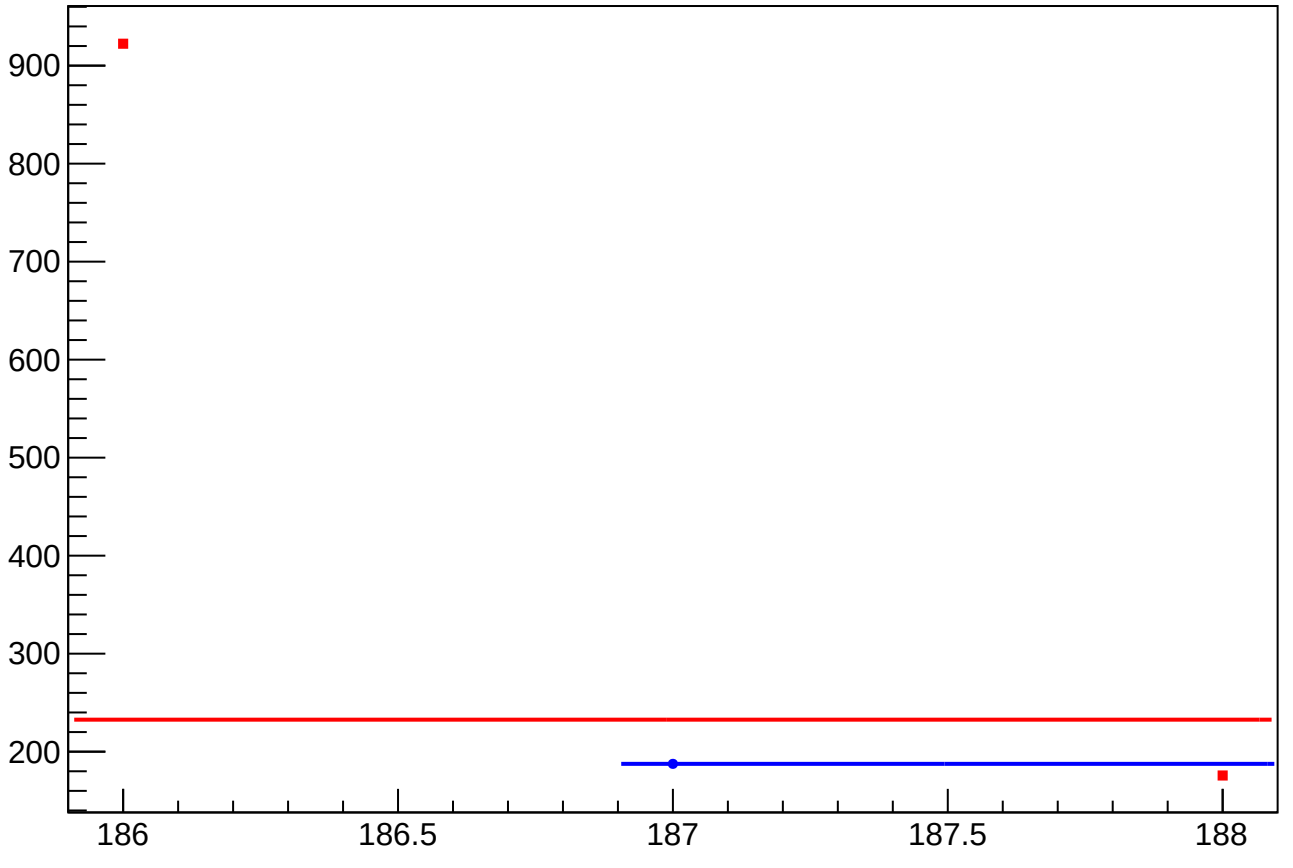
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 190.488+/-318.119 χ^2/NDF: 0.9/2

In: -113.865+/-492.068 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 190.488+/-318.119 χ^2/NDF: 0.9/2



Right In: 187.570+/-0.348 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 232.659+/-0.295 χ^2/NDF: 451987.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

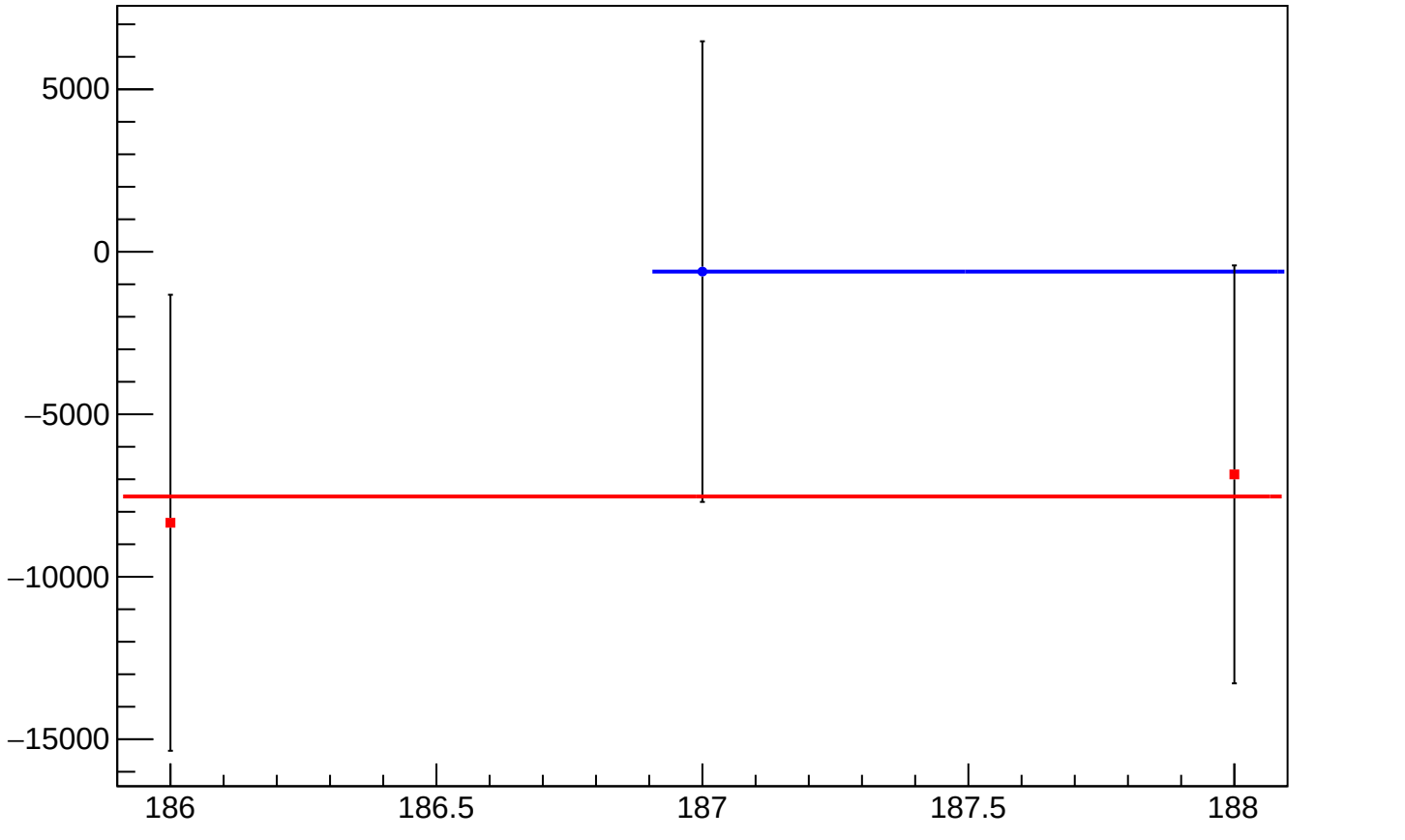
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 213.814+/-0.225 χ^2/NDF: 461761.4/2

In: 187.570+/-0.348 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 213.814+/-0.225 χ^2/NDF: 461761.4/2



Right In: -609.609+/-7087.106 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7529.209+/-4740.621 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

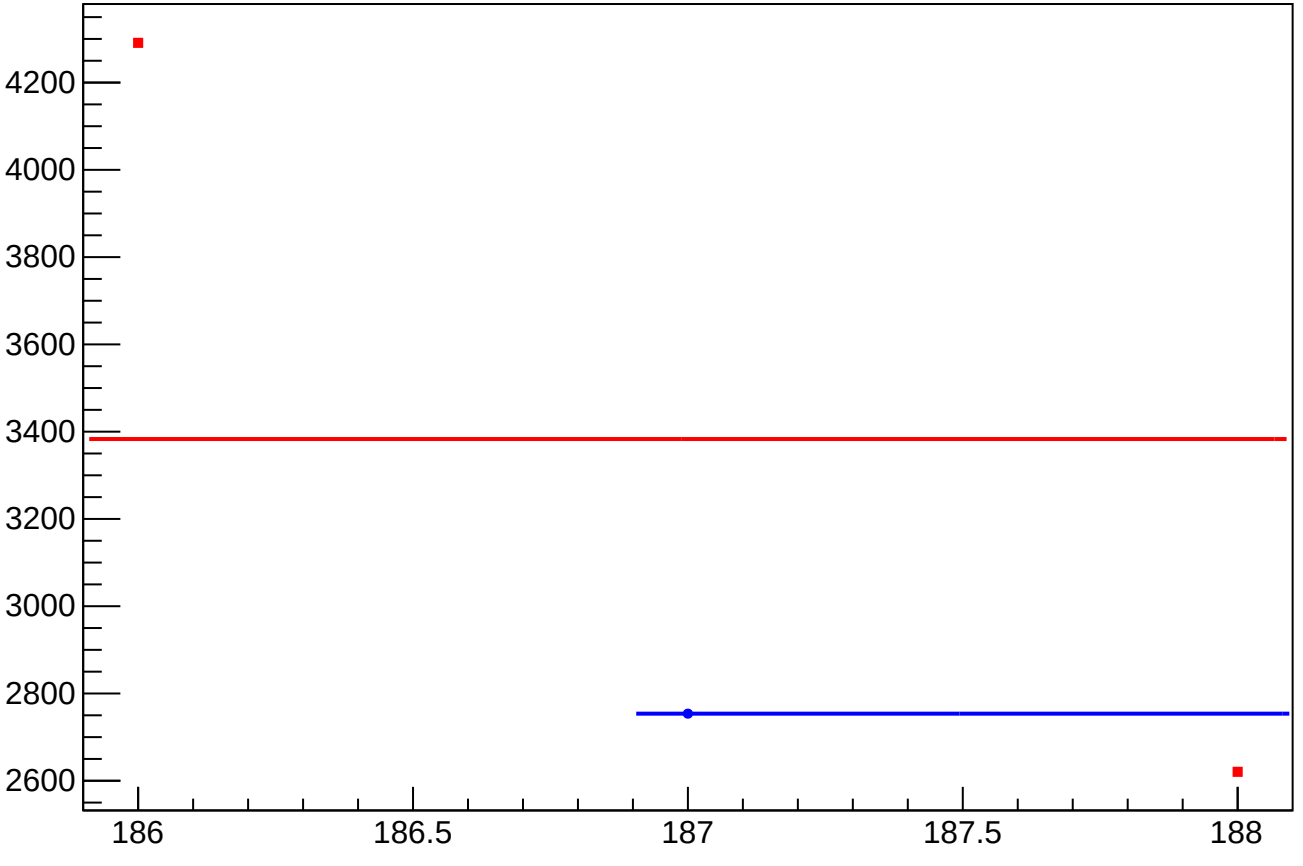
Right: -5390.195+/-3940.354 χ^2/NDF: 0.7/2

In: -609.609+/-7087.106 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5390.195+/-3940.354 χ^2/NDF: 0.7/2

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2753.780+/-5.011 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3383.153+/-3.352 χ^2/NDF: 61621.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

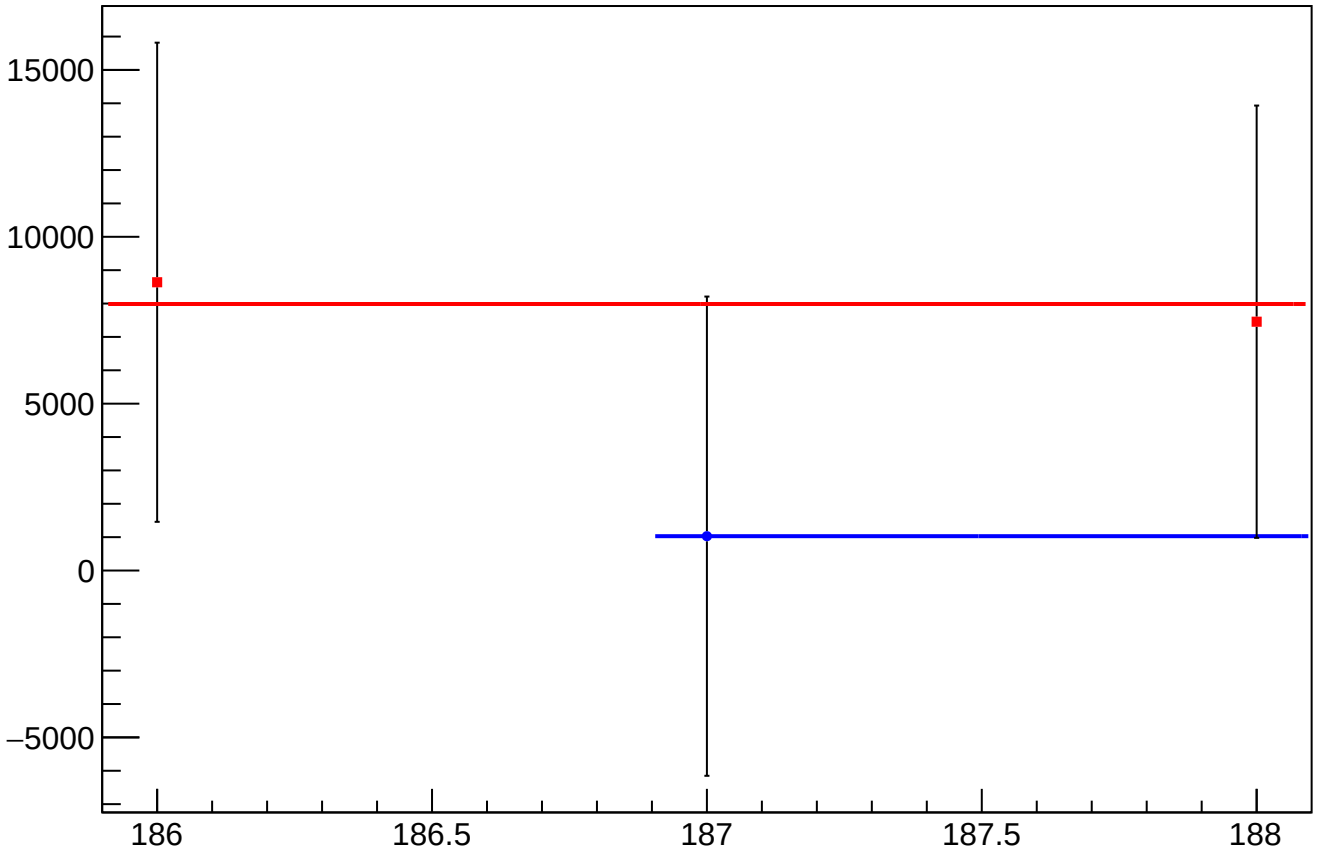
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3188.599+/-2.786 χ^2/NDF: 72518.2/2

In: 2753.780+/-5.011 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3188.599+/-2.786 χ^2/NDF: 72518.2/2



Right In: 1029.252+/-7179.977 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7986.359+/-4808.782 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

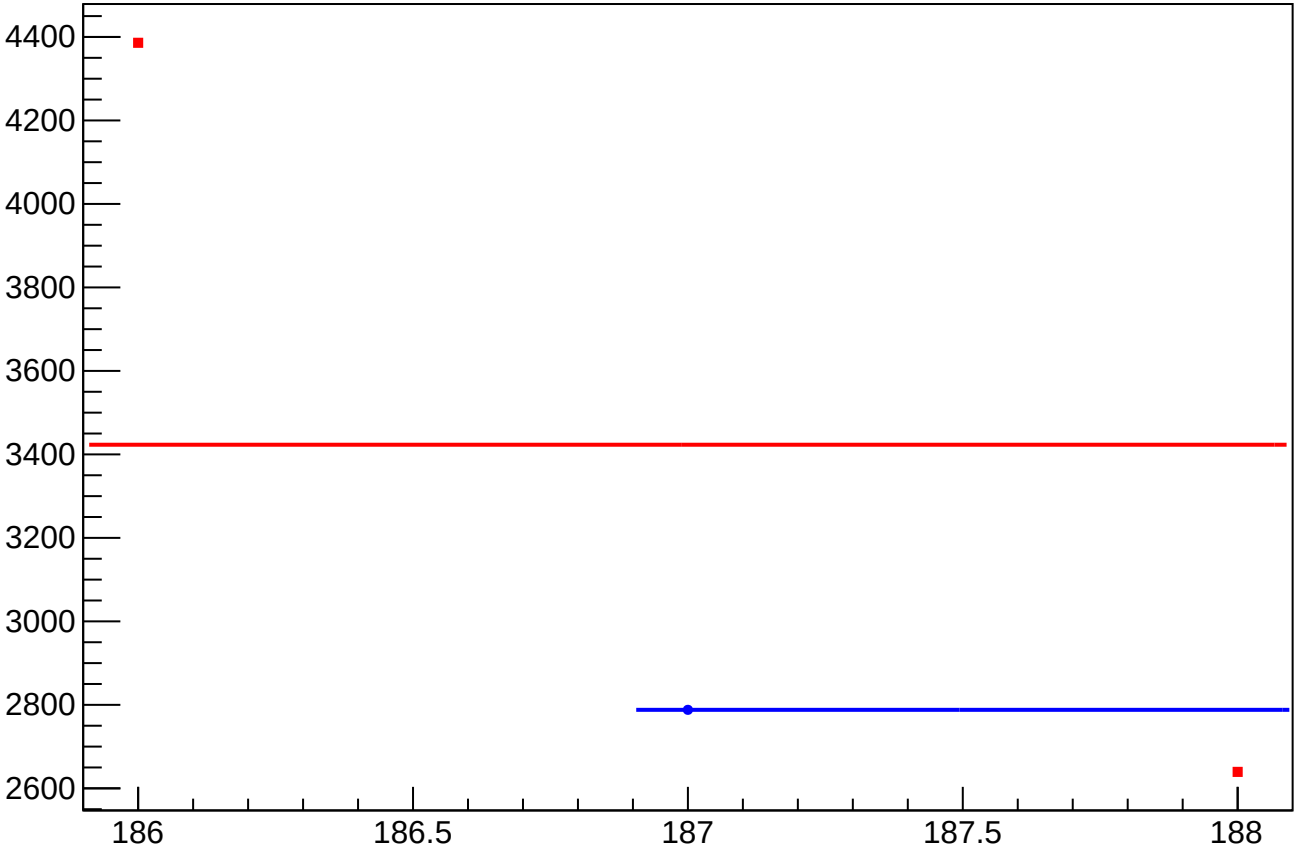
Right: 5832.015+/-3995.456 χ^2/NDF: 0.7/2

In: 1029.252+/-7179.977 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5832.015+/-3995.456 χ^2/NDF: 0.7/2

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2788.062+/-5.077 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3423.146+/-3.400 χ^2/NDF: 65269.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

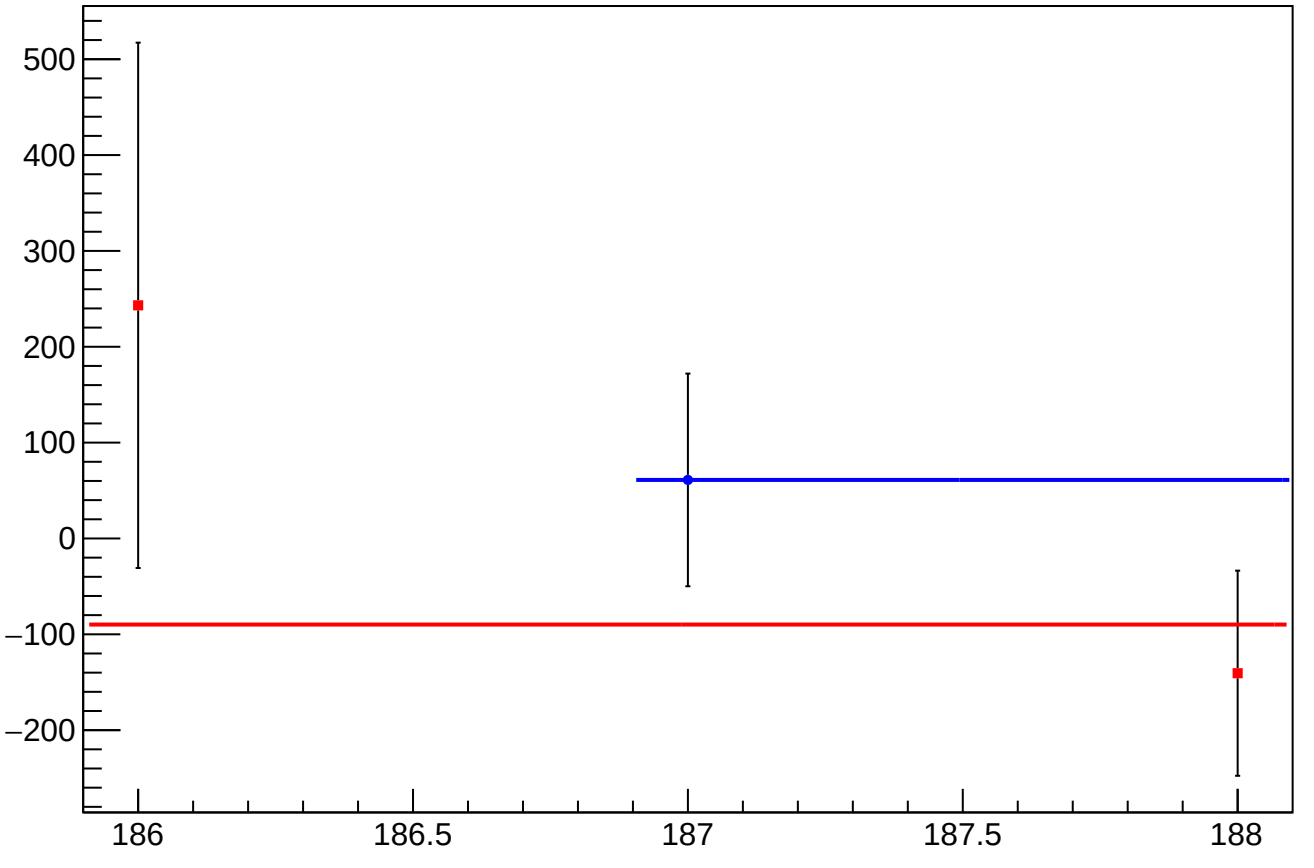
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3226.485+/-2.825 χ^2/NDF: 76071.5/2

In: 2788.062+/-5.077 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3226.485+/-2.825 χ^2/NDF: 76071.5/2



Right In: 61.073+/-110.941 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -89.818+/-99.681 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

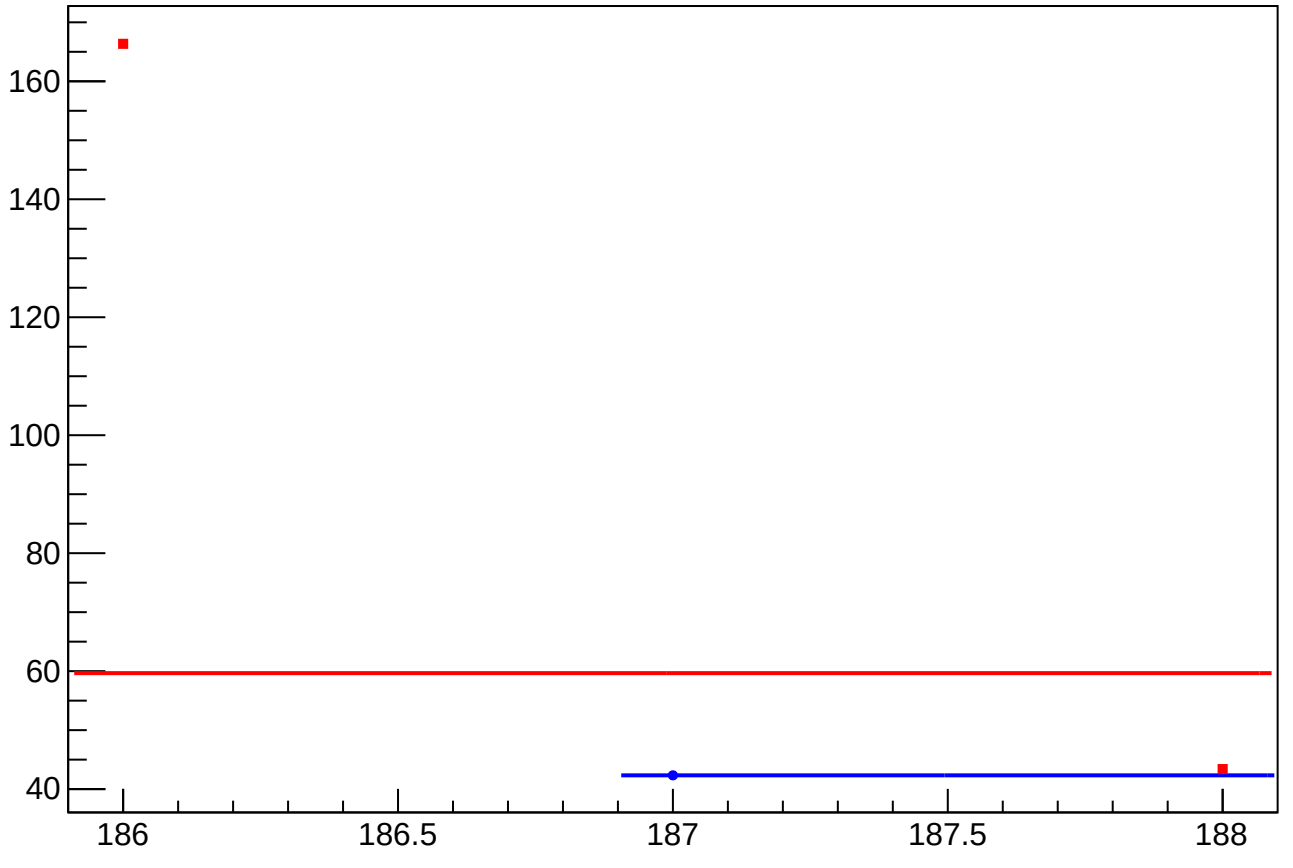
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -22.416+/-74.147 χ^2/NDF: 2.7/2

In: 61.073+/-110.941 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -22.416+/-74.147 χ^2/NDF: 2.7/2



Right In: 42.338+/-0.078 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 59.665+/-0.070 χ^2/NDF: 349363.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

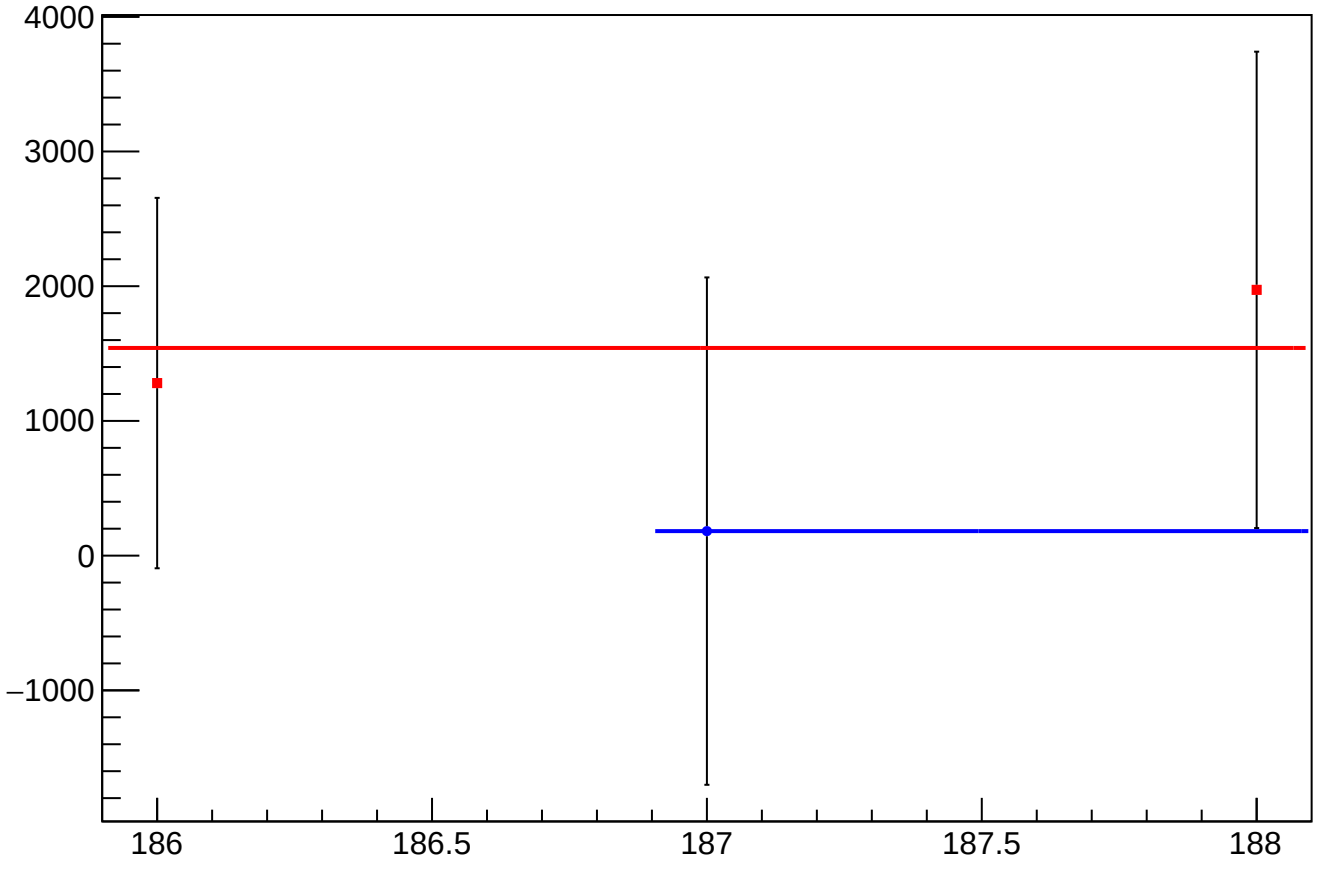
Right: 51.925+/-0.052 χ^2/NDF: 376358.7/2

In: 42.338+/-0.078 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 51.925+/-0.052 χ^2/NDF: 376358.7/2

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 182.036+/-1883.076 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1541.586+/-1085.281 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

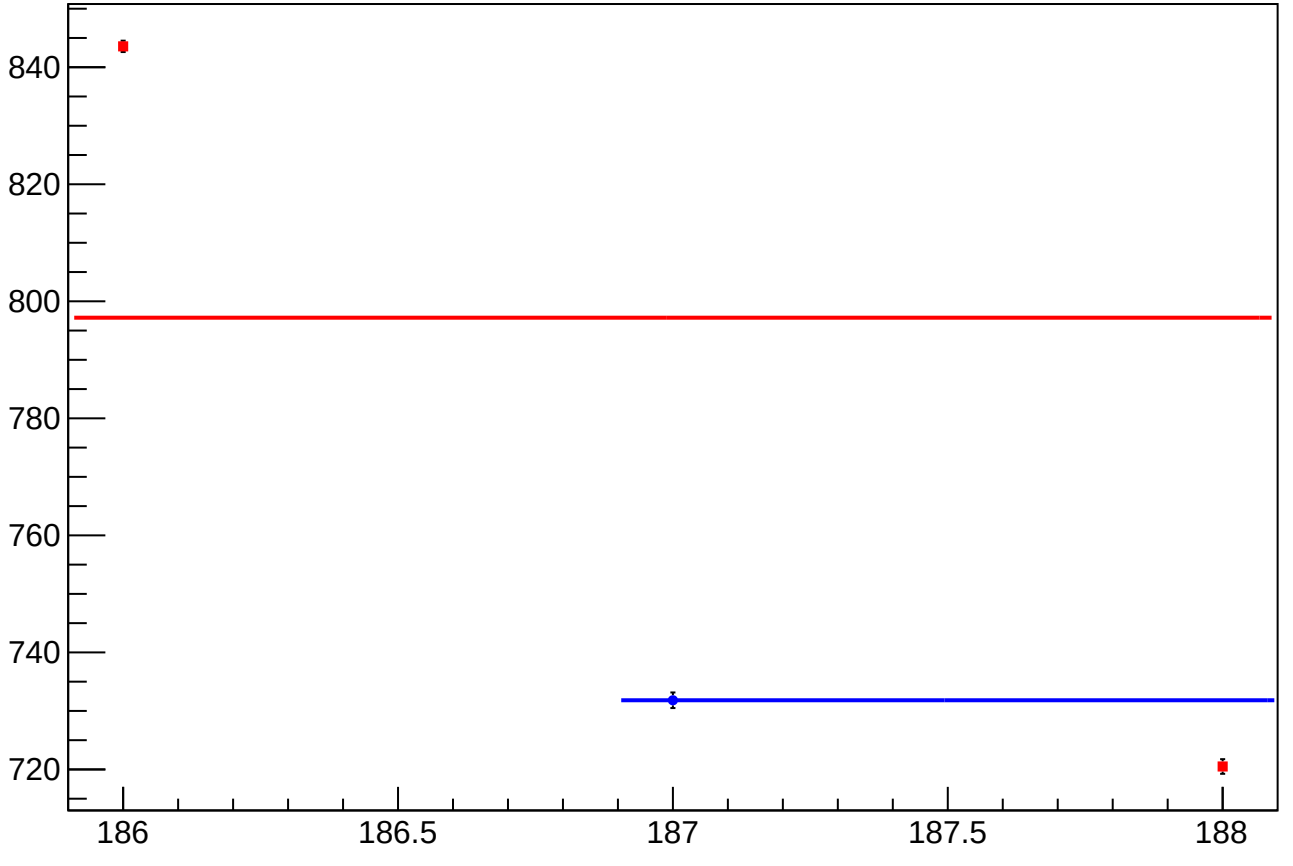
Right: 1202.596+/-940.294 χ^2/NDF: 0.5/2

In: 182.036+/-1883.076 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1202.596+/-940.294 χ^2/NDF: 0.5/2

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 731.823+/-1.332 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 797.198+/-0.767 χ^2/NDF: 6038.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

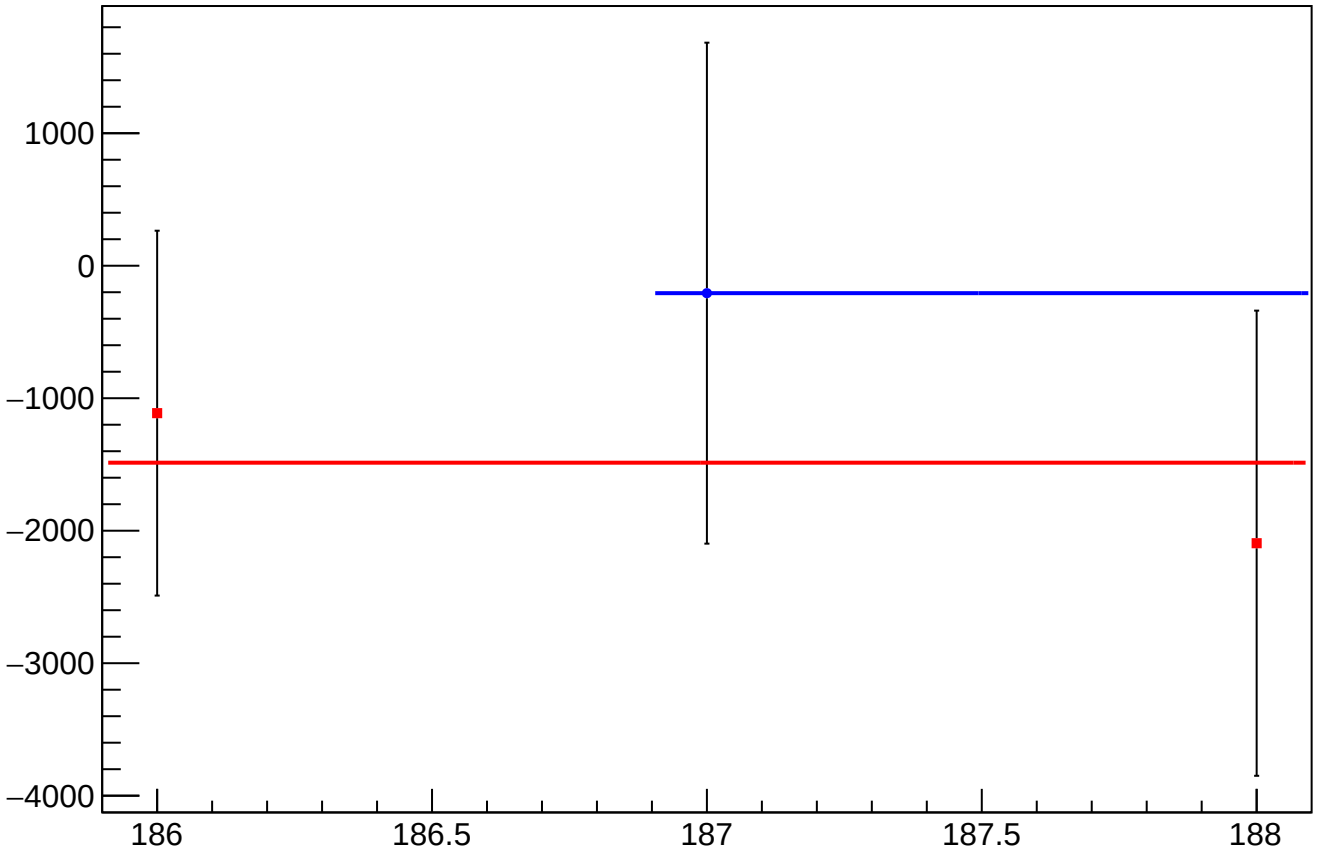
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 780.897+/-0.665 χ^2/NDF: 7847.8/2

In: 731.823+/-1.332 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 780.897+/-0.665 χ^2/NDF: 7847.8/2



Right In: -207.026+/-1890.566 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1486.586+/-1083.430 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

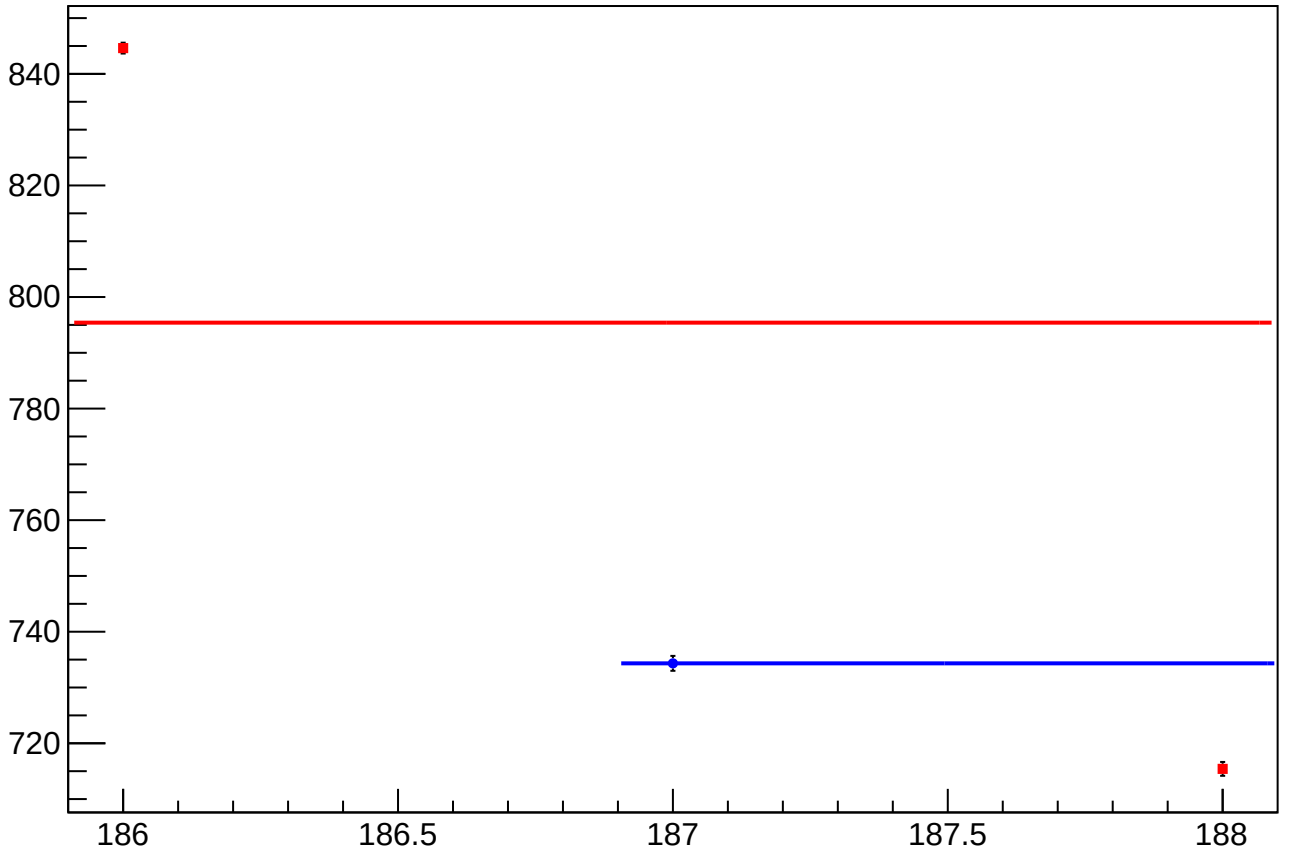
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1170.252+/-940.014 χ^2/NDF: 0.5/2

In: -207.026+/-1890.566 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1170.252+/-940.014 χ^2/NDF: 0.5/2



Right In: 734.330+/-1.337 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 795.405+/-0.766 χ^2/NDF: 6708.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

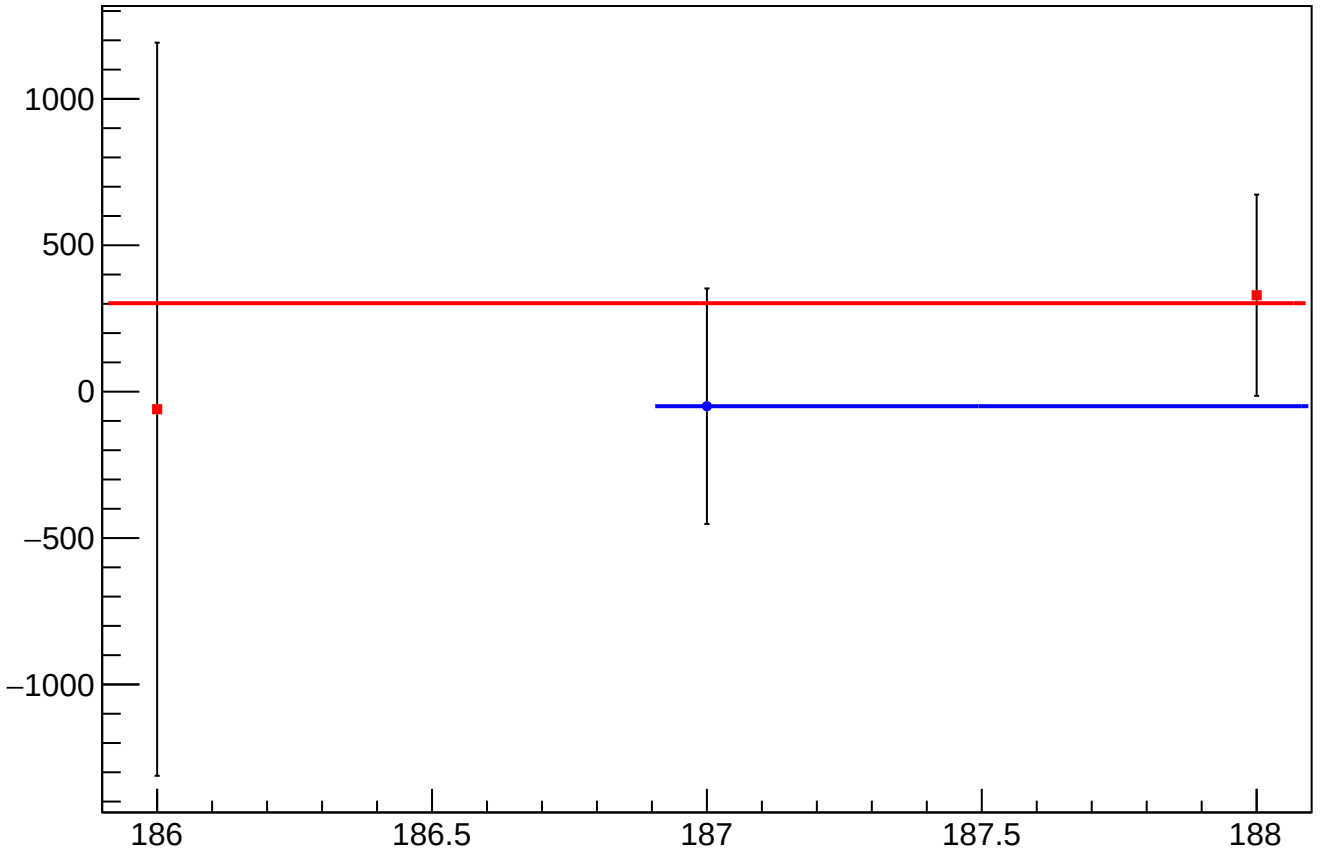
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 780.306+/-0.665 χ^2/NDF: 8279.2/2

In: 734.330+/-1.337 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 780.306+/-0.665 χ^2/NDF: 8279.2/2



Right In: -49.655+/-402.209 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 302.089+/-331.463 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

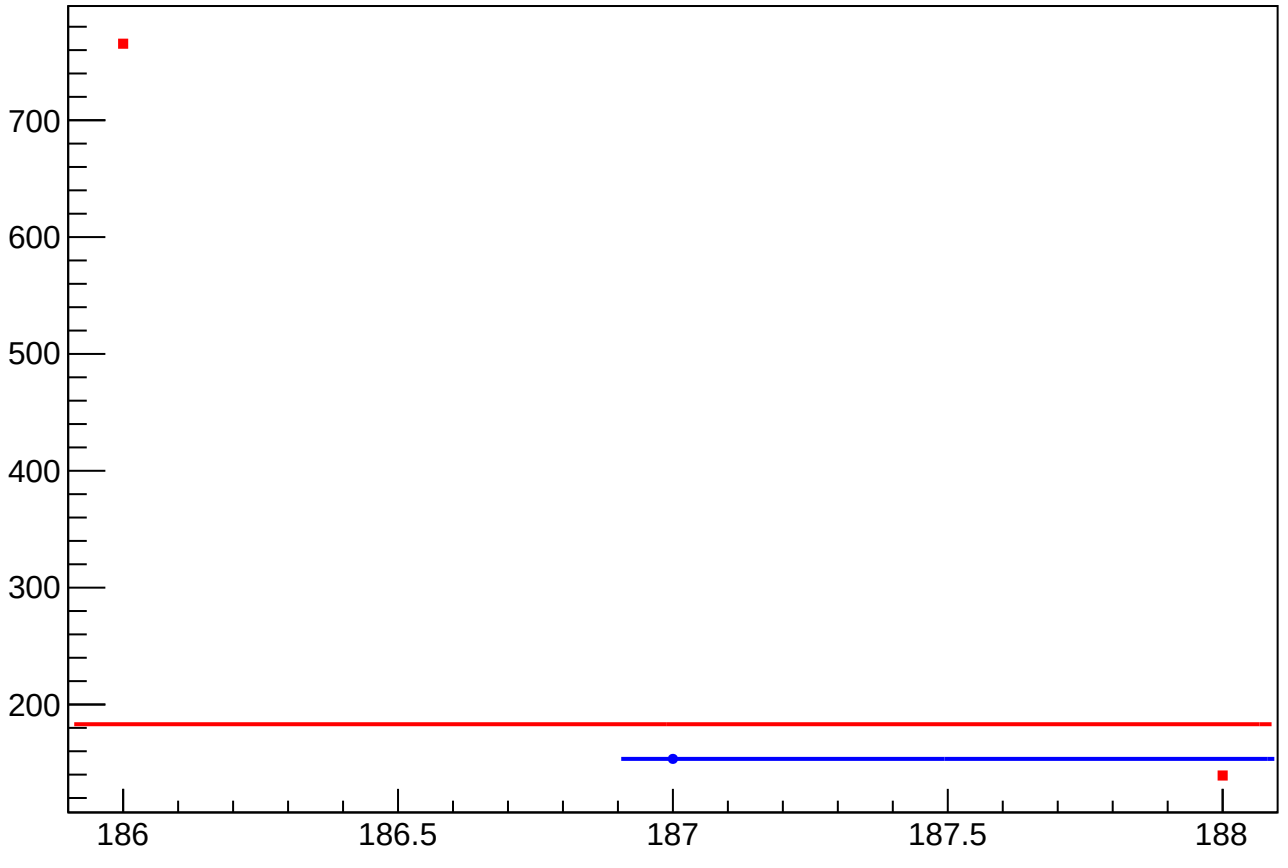
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 159.822+/-255.794 χ^2/NDF: 0.5/2

In: -49.655+/-402.209 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 159.822+/-255.794 χ^2/NDF: 0.5/2



Right In: 153.464+/-0.284 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 183.130+/-0.234 χ^2/NDF: 465330.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

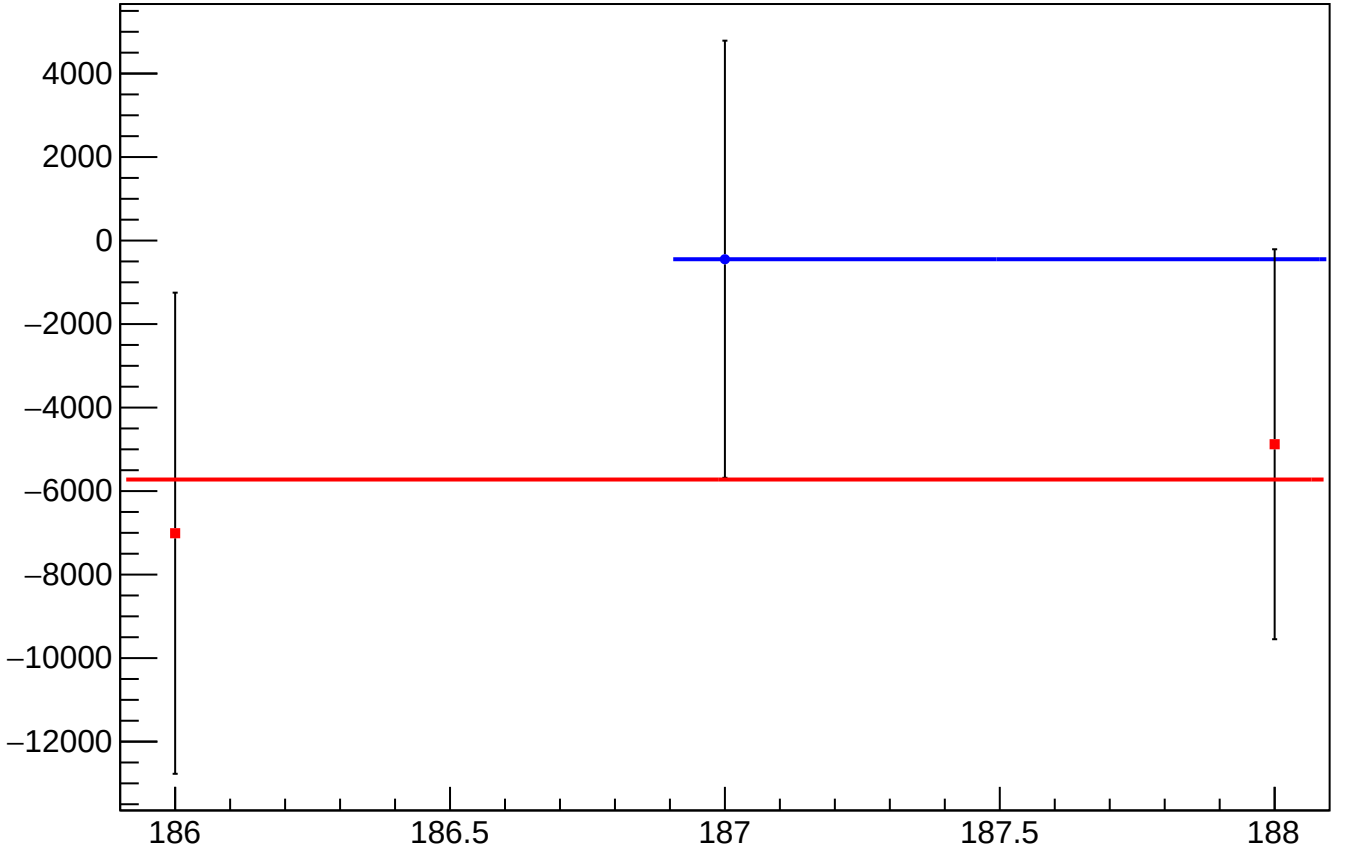
Right: 171.131+/-0.181 χ^2/NDF: 471810.6/2

In: 153.464+/-0.284 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 171.131+/-0.181 χ^2/NDF: 471810.6/2

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -447.240+/-5234.525 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5723.024+/-3627.819 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

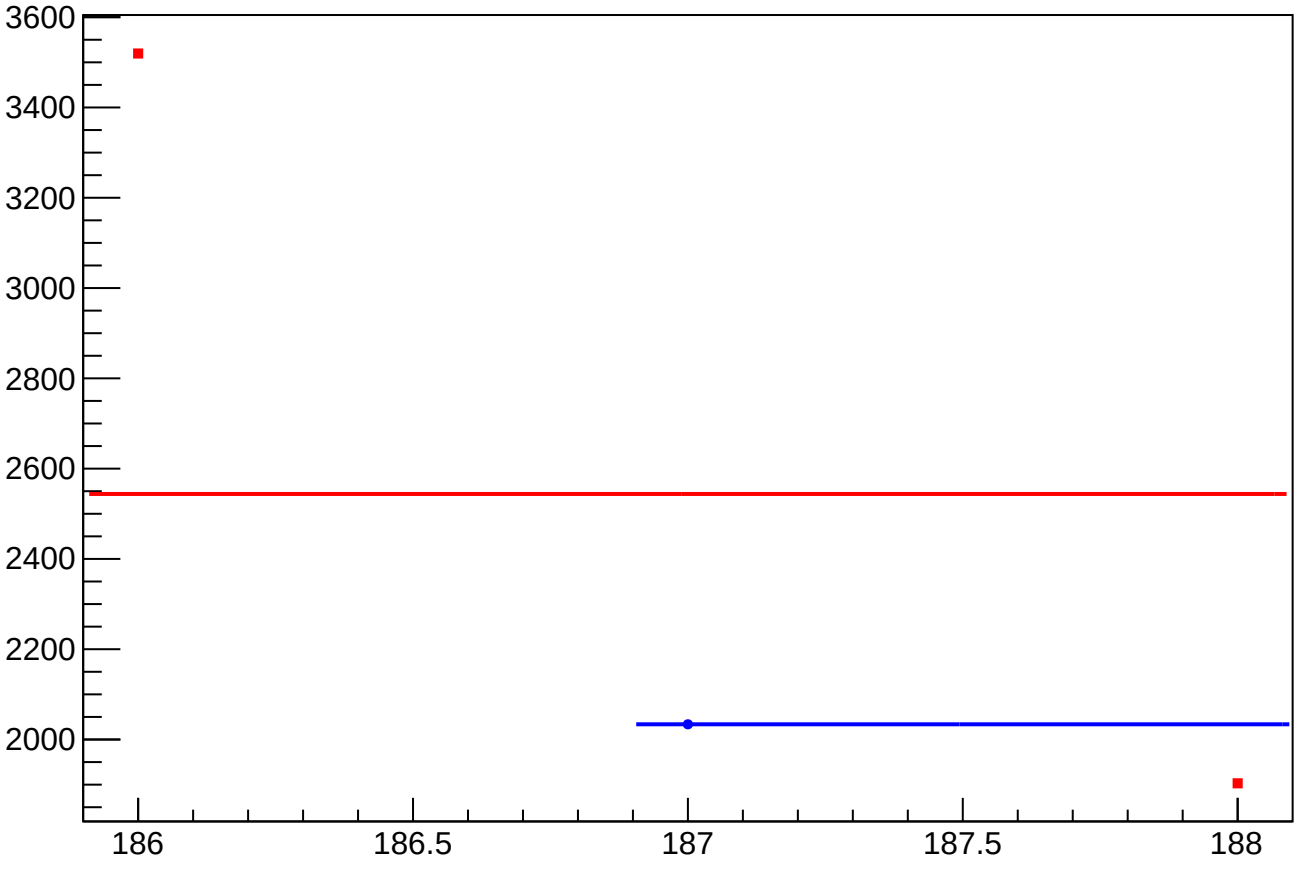
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4011.172+/-2981.720 χ^2/NDF: 0.8/2

In: -447.240+/-5234.525 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4011.172+/-2981.720 χ^2/NDF: 0.8/2



Right In: 2033.700+/-3.701 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2543.903+/-2.565 χ^2/NDF: 95022.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

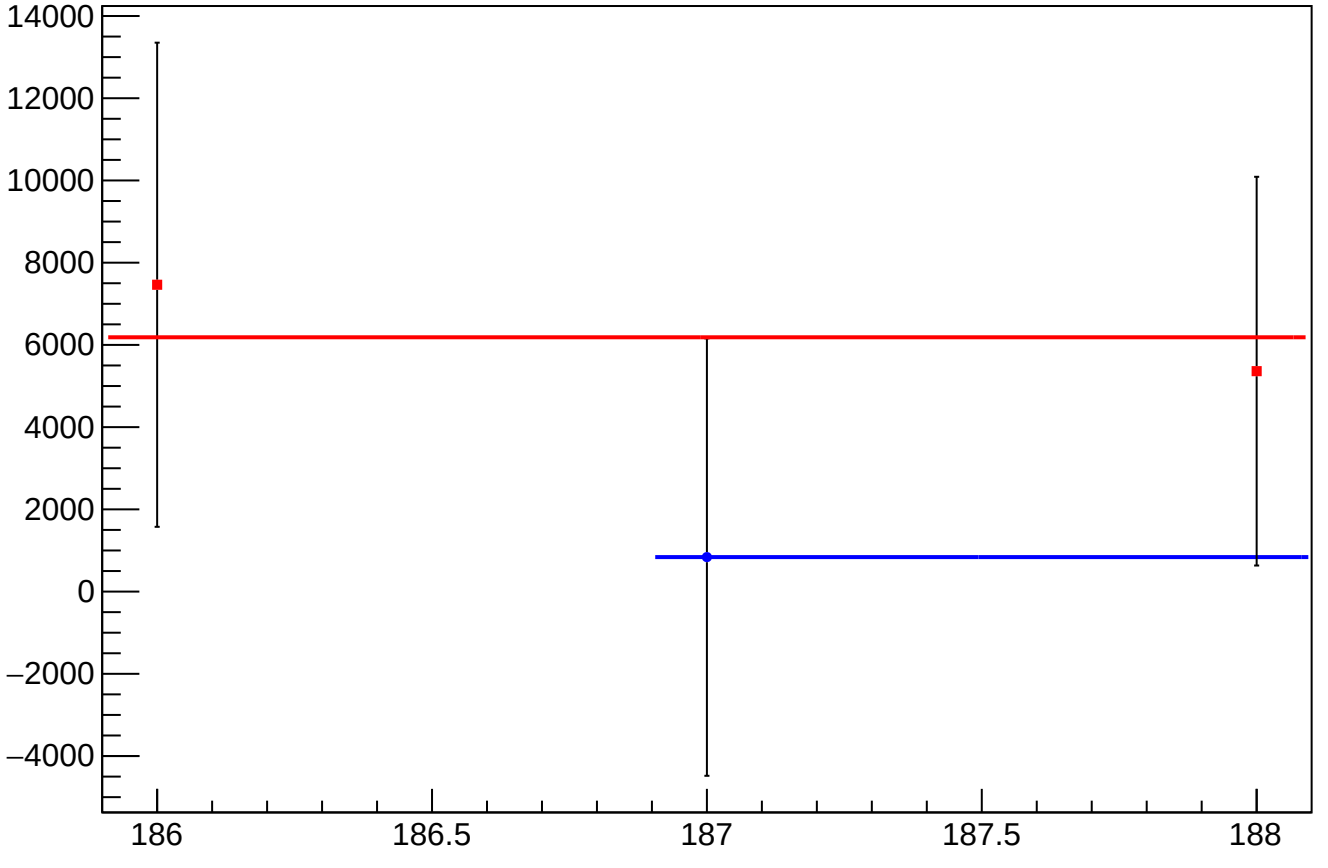
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2378.355+/-2.108 χ^2/NDF: 107857.9/2

In: 2033.700+/-3.701 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2378.355+/-2.108 χ^2/NDF: 107857.9/2



Right In: 839.132+/-5319.599 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6185.448+/-3686.362 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

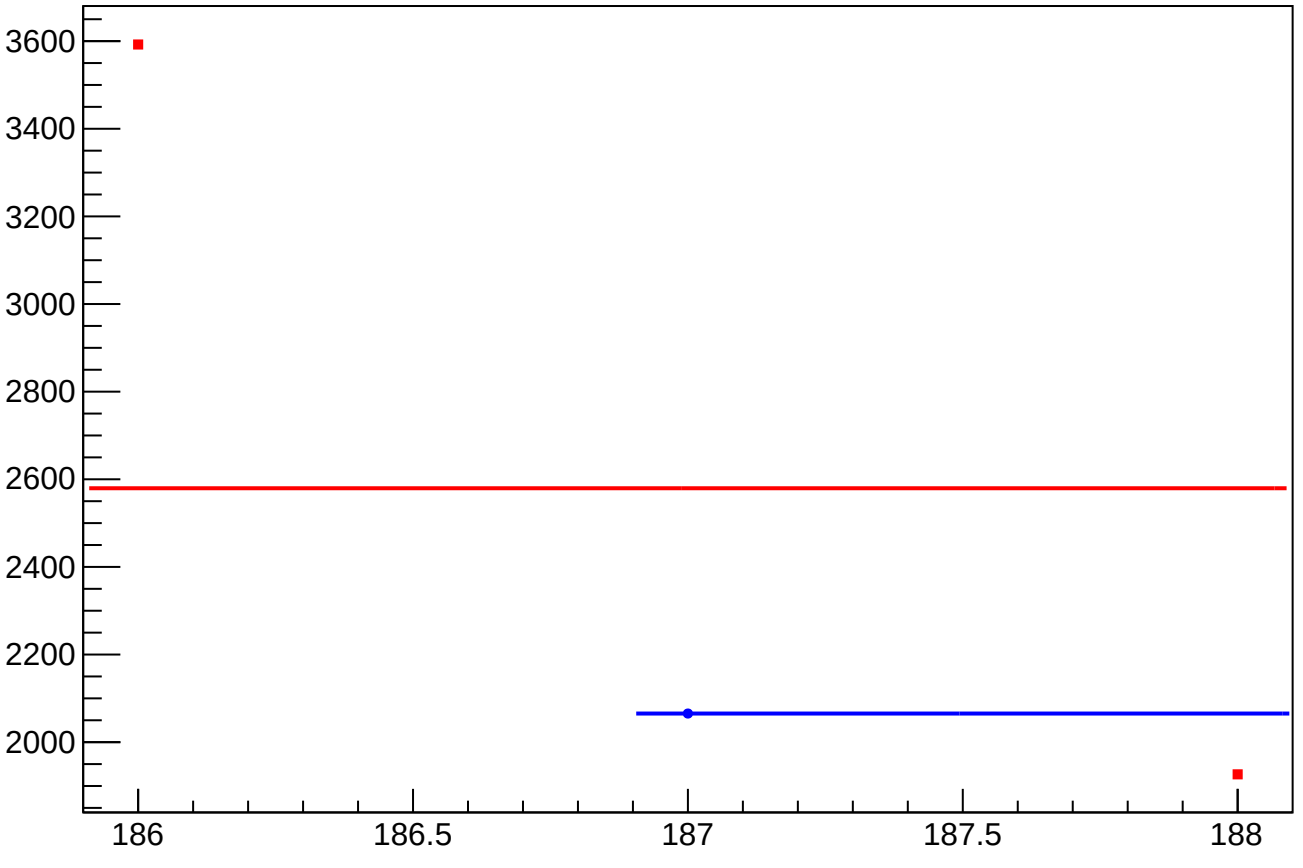
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4450.976+/-3029.948 χ^2/NDF: 0.8/2

In: 839.132+/-5319.599 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4450.976+/-3029.948 χ^2/NDF: 0.8/2



Right In: 2065.356+/-3.762 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2579.538+/-2.607 χ^2/NDF: 97324.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

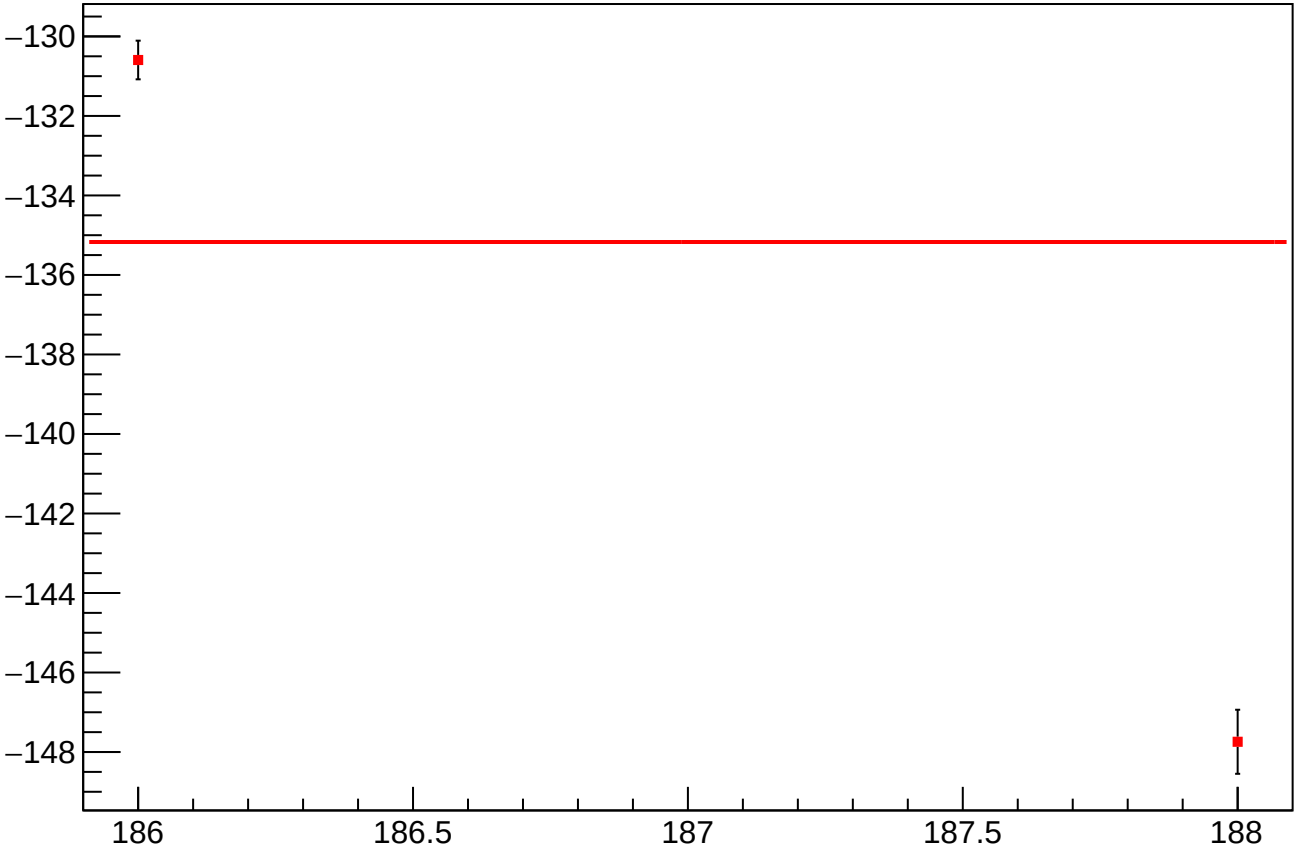
Right: 2412.725+/-2.142 χ^2/NDF: 109948.1/2

In: 2065.356+/-3.762 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2412.725+/-2.142 χ^2/NDF: 109948.1/2

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -135.171+/-0.416 χ^2/NDF: 332.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

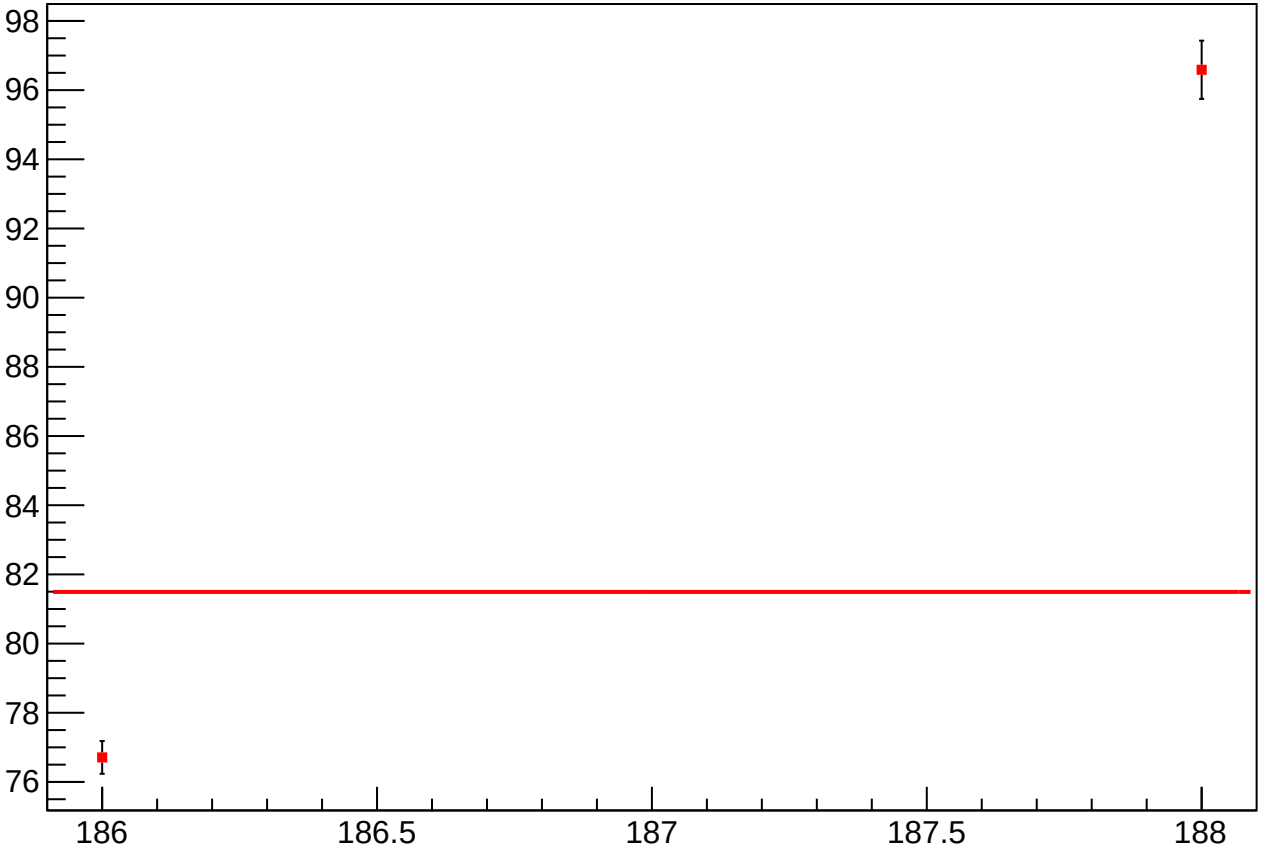
Right: -135.171+/-0.416 χ^2/NDF: 332.2/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -135.171+/-0.416 χ^2/NDF: 332.2/1

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 81.493+/-0.413 χ^2/NDF: 423.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

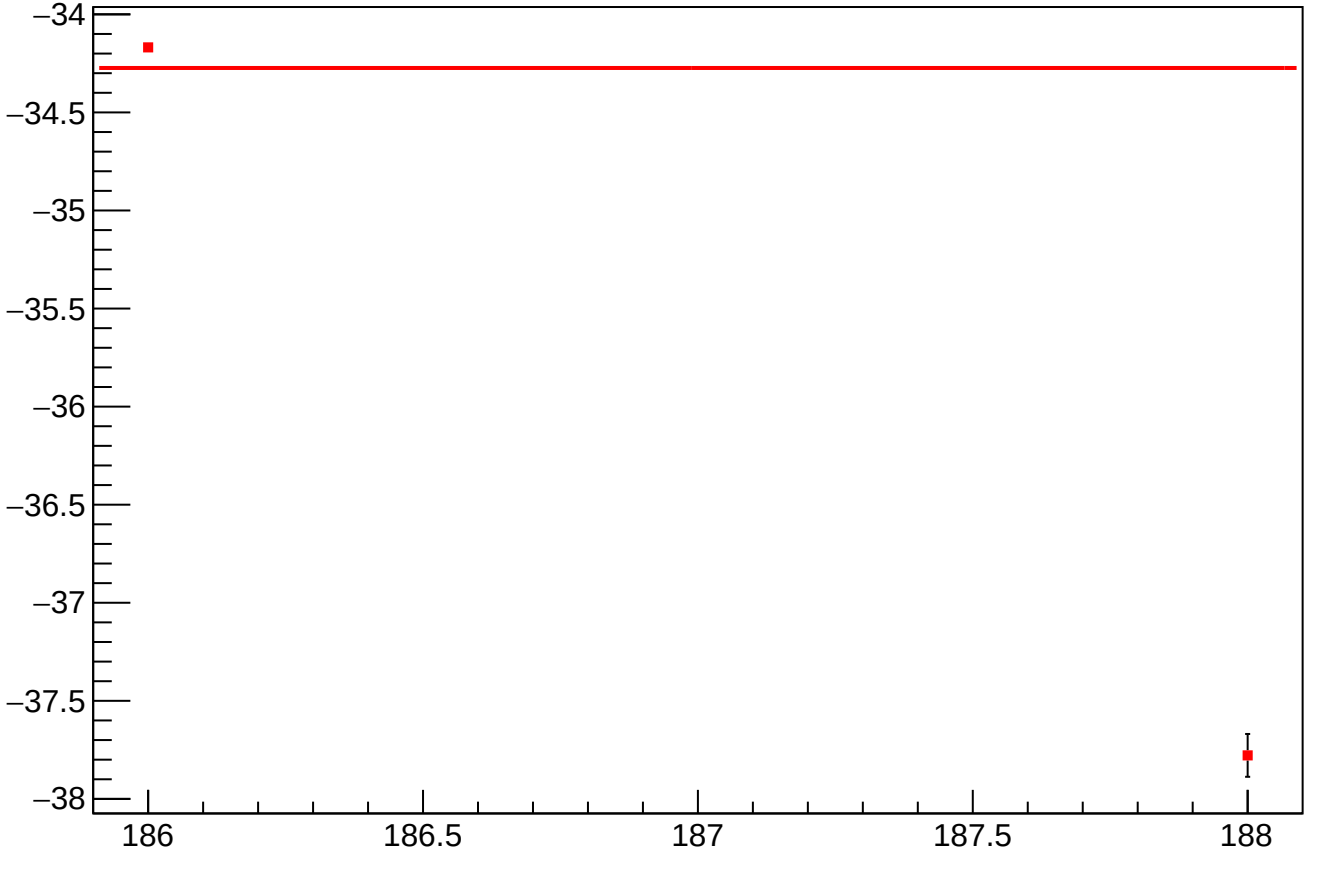
Right: 81.493+/-0.413 χ^2/NDF: 423.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 81.493+/-0.413 χ^2/NDF: 423.4/1

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -34.273+/-0.019 χ^2/NDF: 1061.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

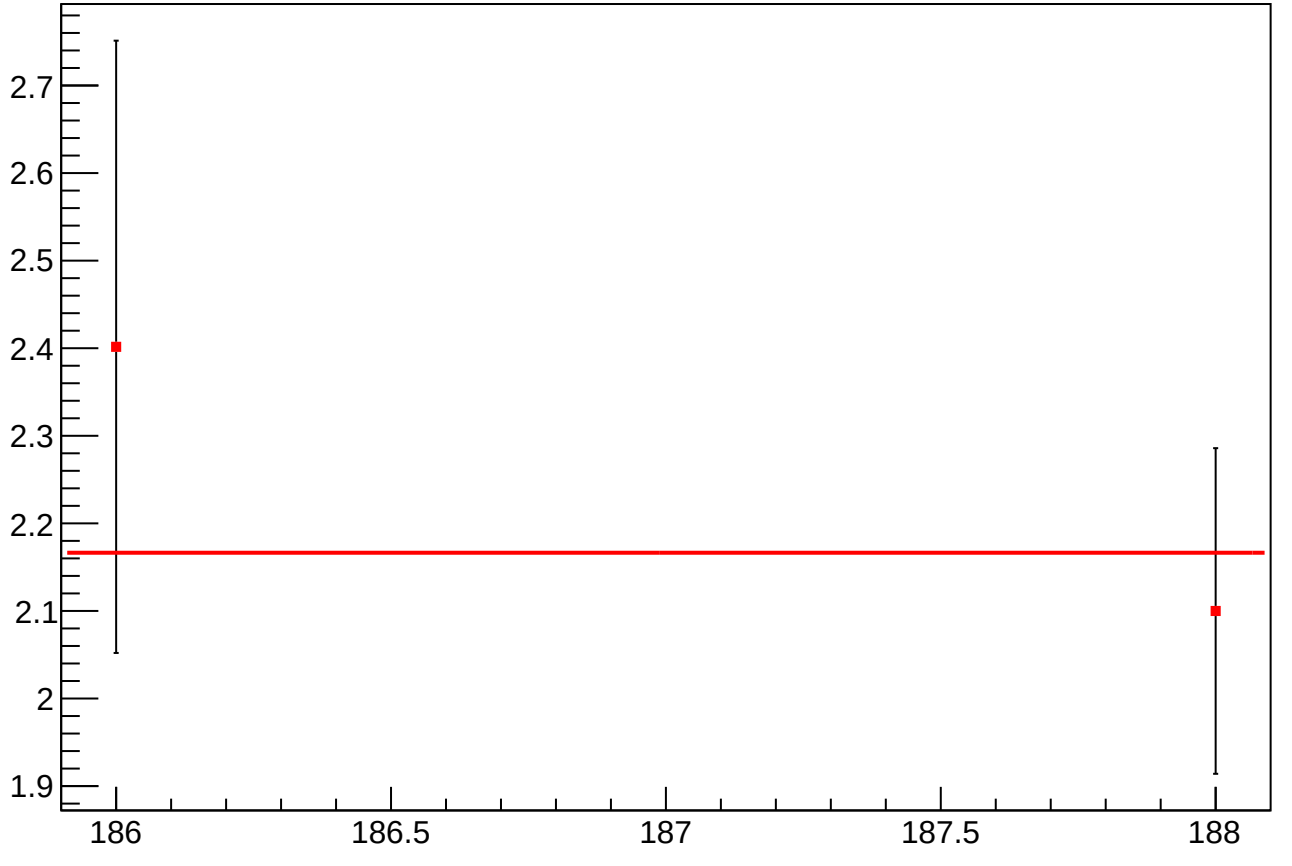
Right: -34.273+/-0.019 χ^2/NDF: 1061.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.273+/-0.019 χ^2/NDF: 1061.5/1

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.166+/-0.164 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

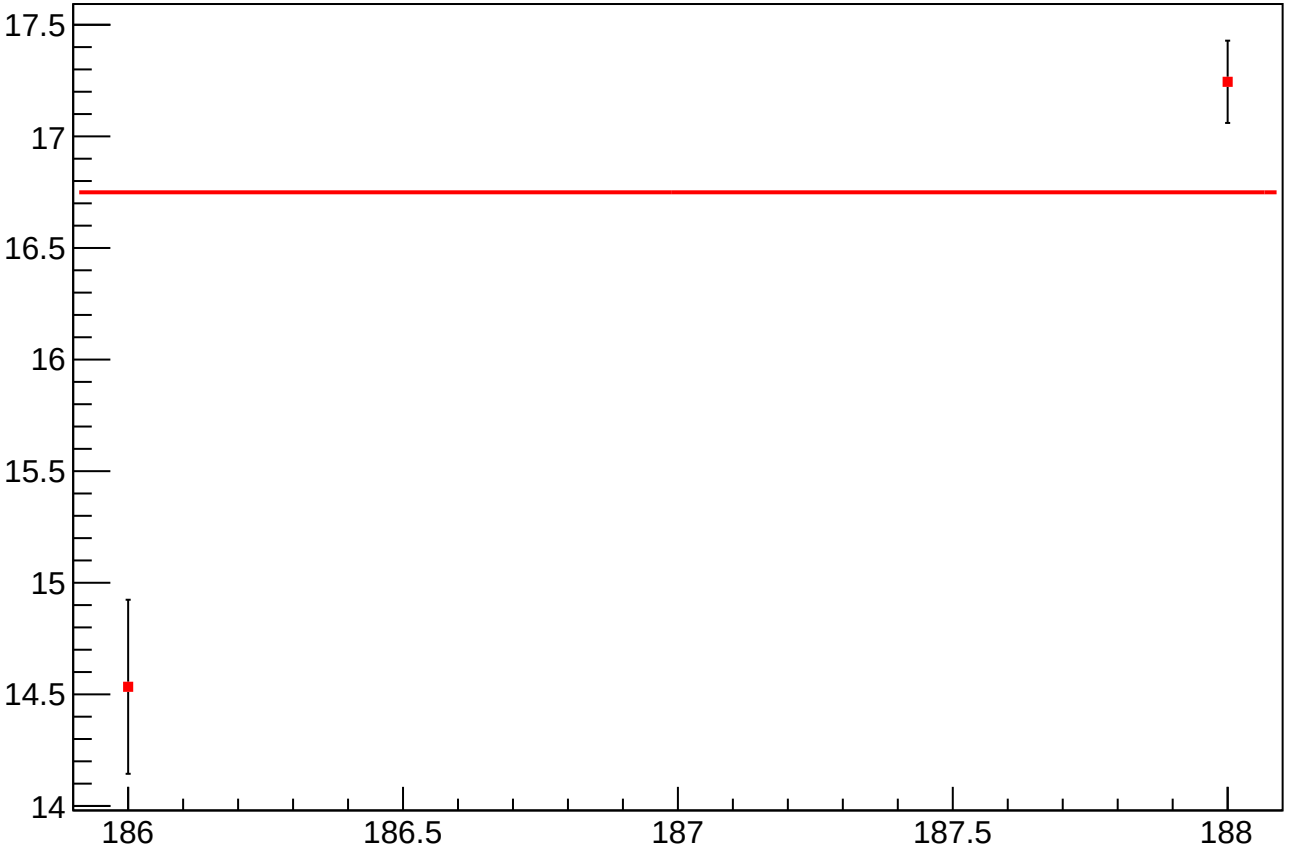
Right: 2.166+/-0.164 χ^2/NDF: 0.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.166+/-0.164 χ^2/NDF: 0.6/1

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.749+/-0.167 χ^2/NDF: 39.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

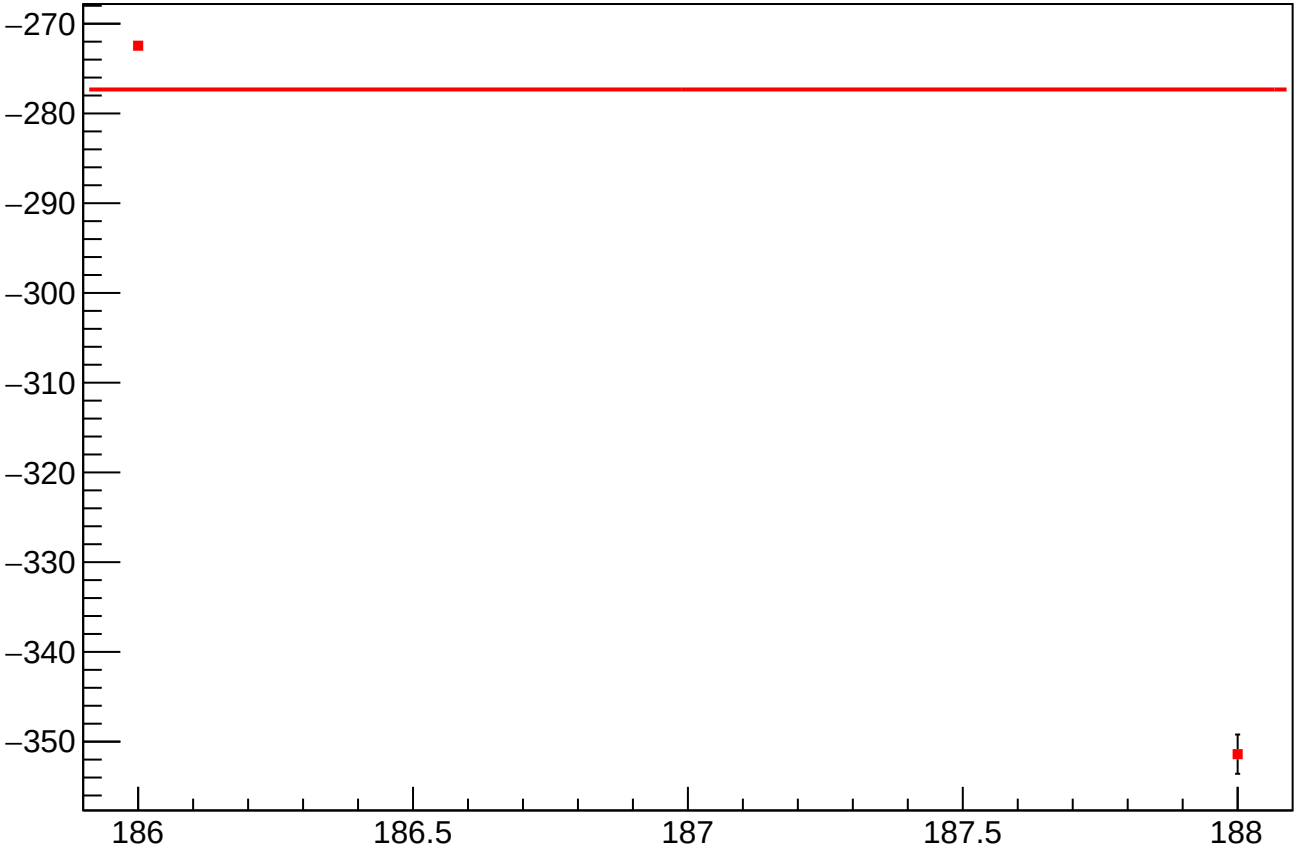
Right: 16.749+/-0.167 χ^2/NDF: 39.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 16.749+/-0.167 χ^2/NDF: 39.5/1

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -277.327+/-0.544 χ^2/NDF: 1220.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

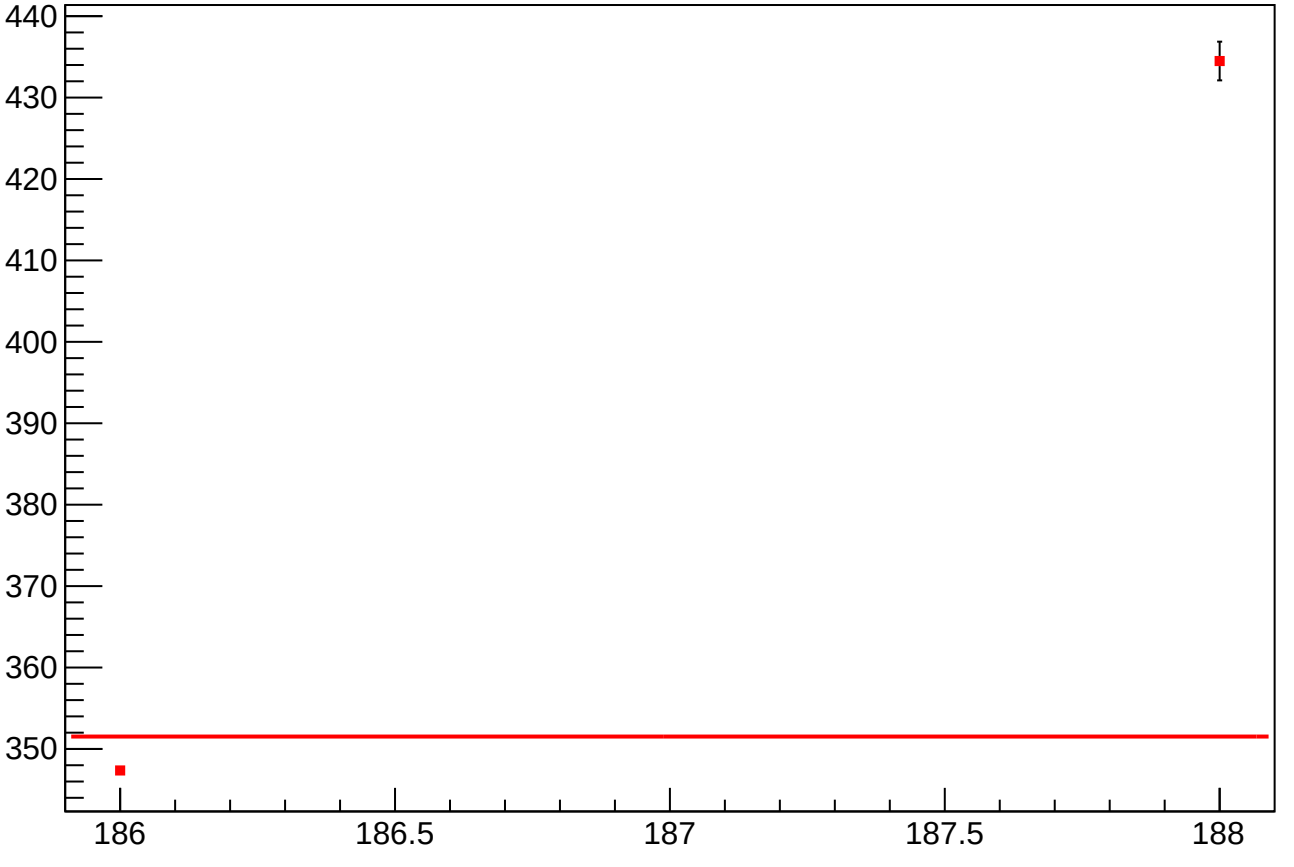
Right: -277.327+/-0.544 χ^2/NDF: 1220.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -277.327+/-0.544 χ^2/NDF: 1220.4/1

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 351.524+/-0.520 χ^2/NDF: 1279.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

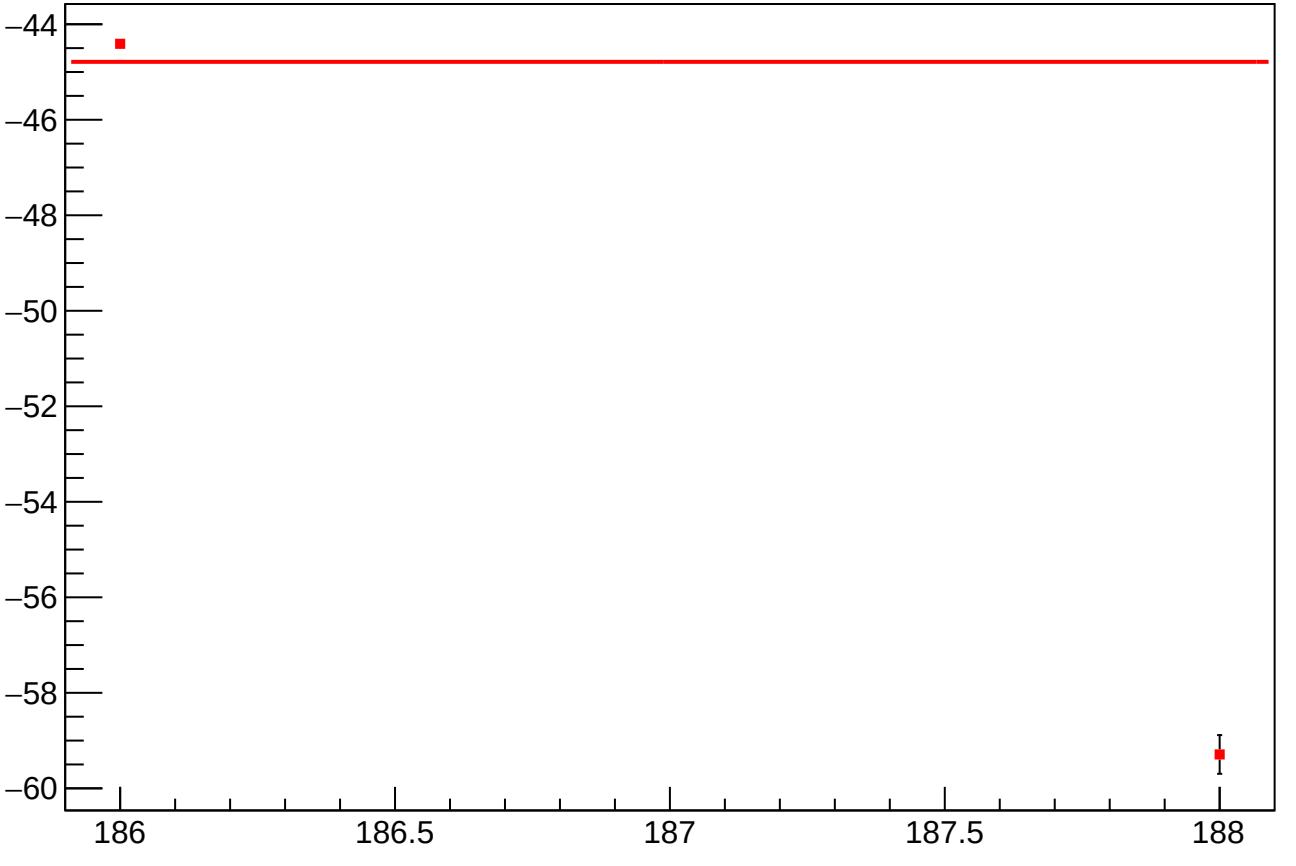
Right: 351.524+/-0.520 χ^2/NDF: 1279.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 351.524+/-0.520 χ^2/NDF: 1279.9/1

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -44.787+/-0.065 χ^2/NDF: 1313.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

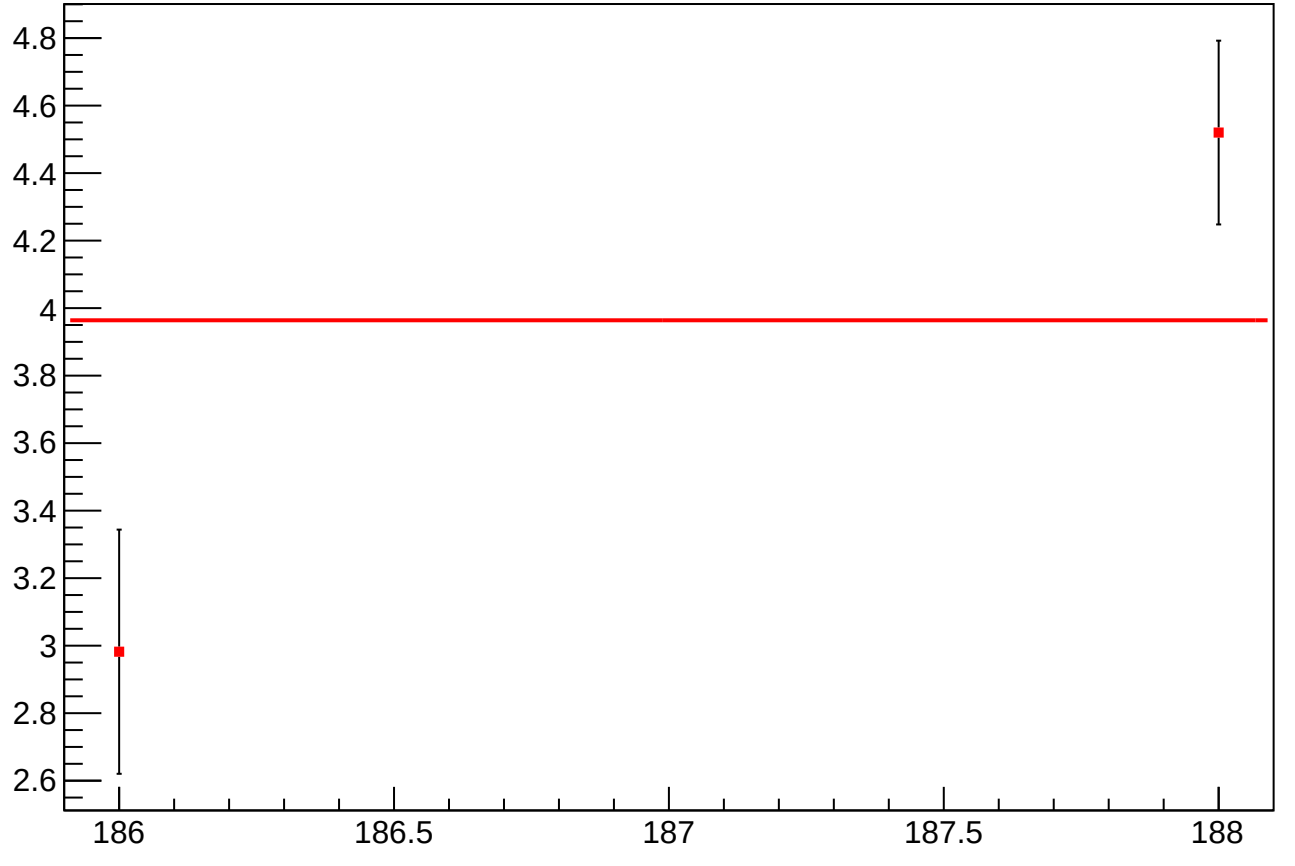
Right: -44.787+/-0.065 χ^2/NDF: 1313.7/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -44.787+/-0.065 χ^2/NDF: 1313.7/1

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.964+/-0.218 χ^2/NDF: 11.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

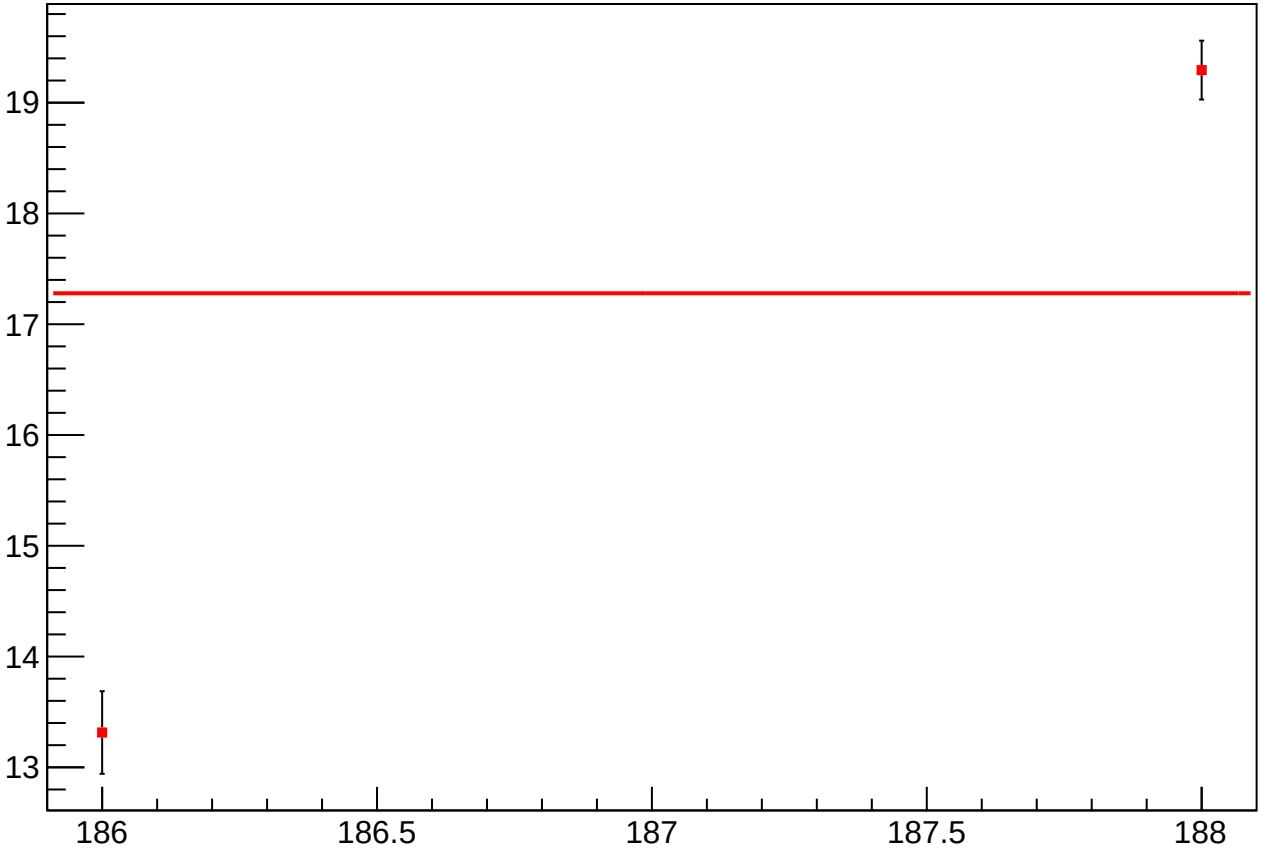
Right: 3.964+/-0.218 χ^2/NDF: 11.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.964+/-0.218 χ^2/NDF: 11.5/1

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.279+/-0.216 χ^2/NDF: 170.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

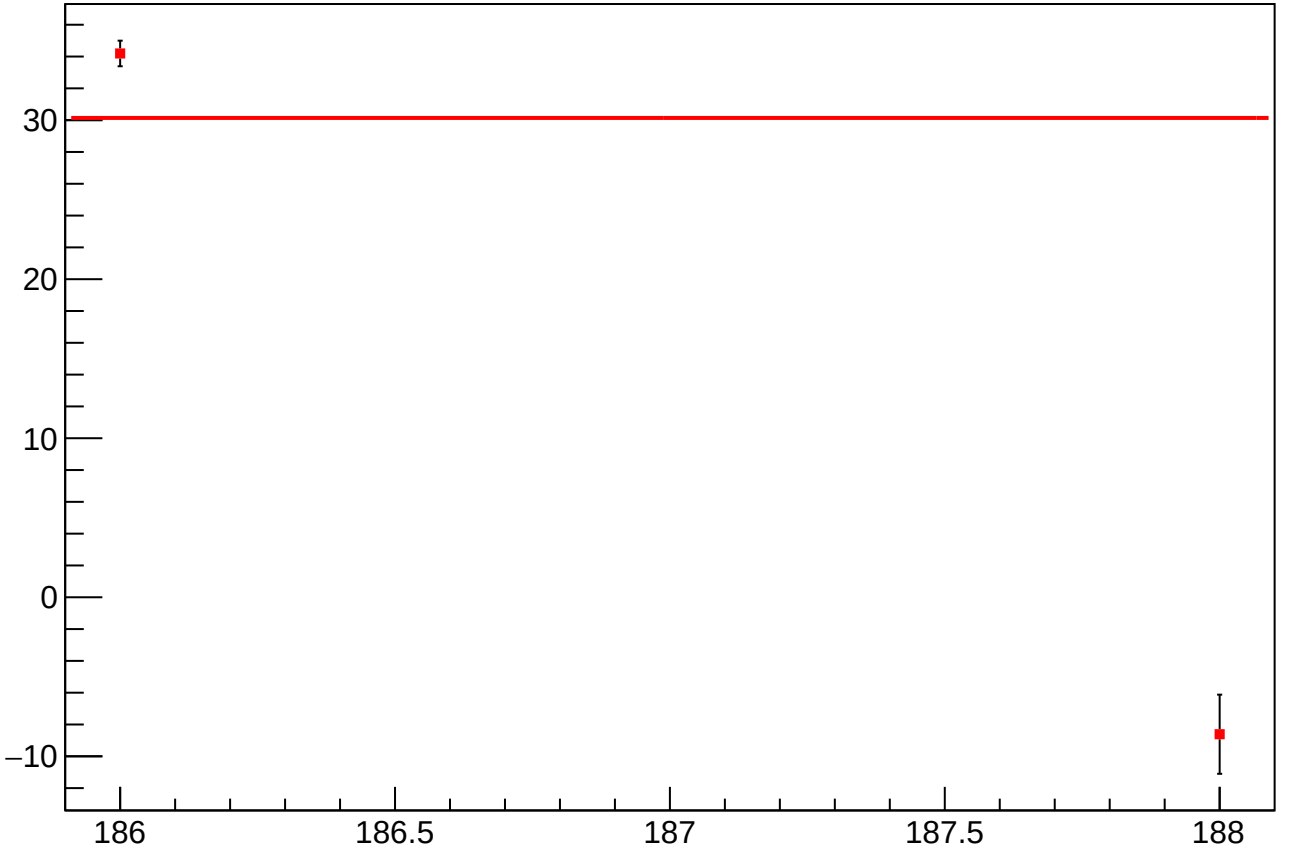
Right: 17.279+/-0.216 χ^2/NDF: 170.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.279+/-0.216 χ^2/NDF: 170.6/1

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.140+/-0.766 χ^2/NDF: 267.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

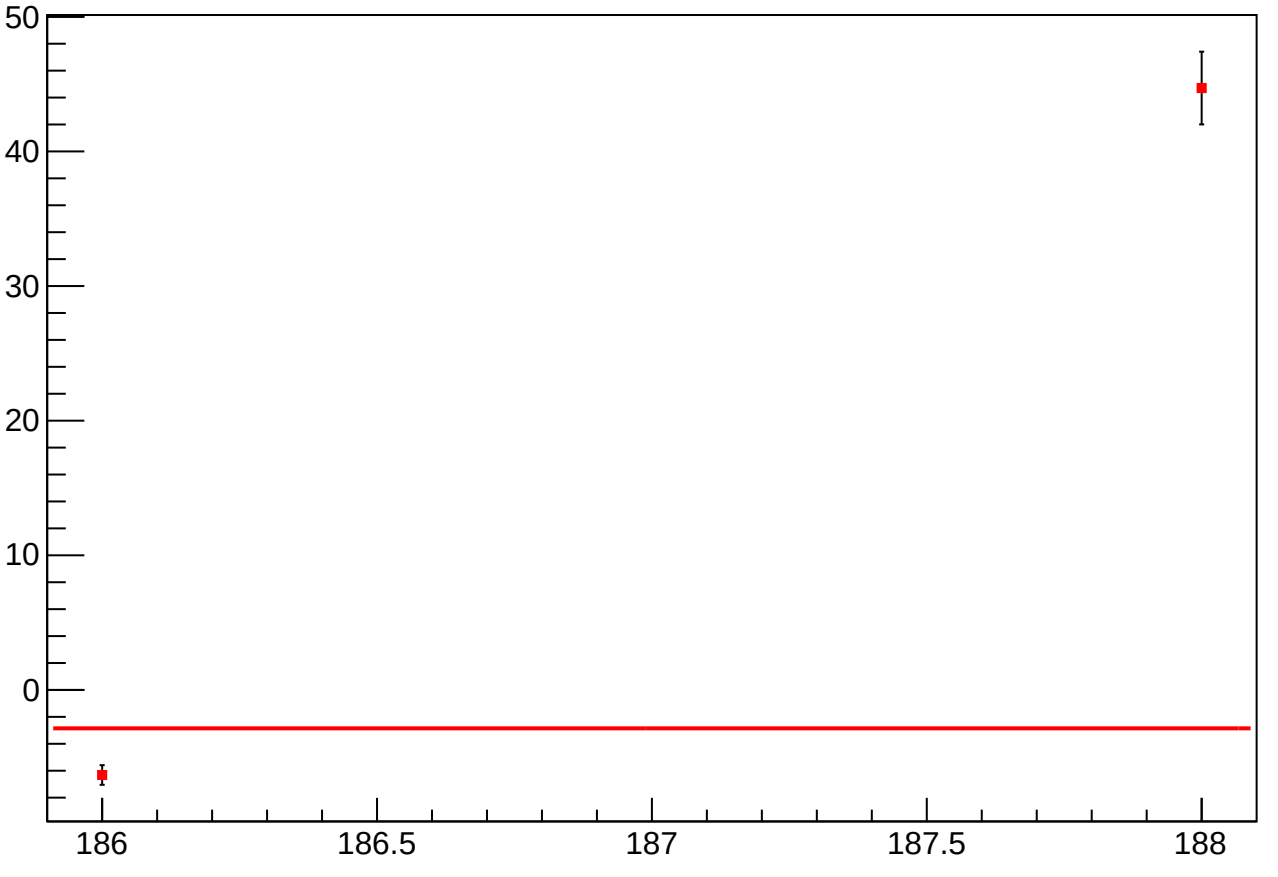
Right: 30.140+/-0.766 χ^2/NDF: 267.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 30.140+/-0.766 χ^2/NDF: 267.9/1

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.853+/-0.704 χ^2/NDF: 332.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

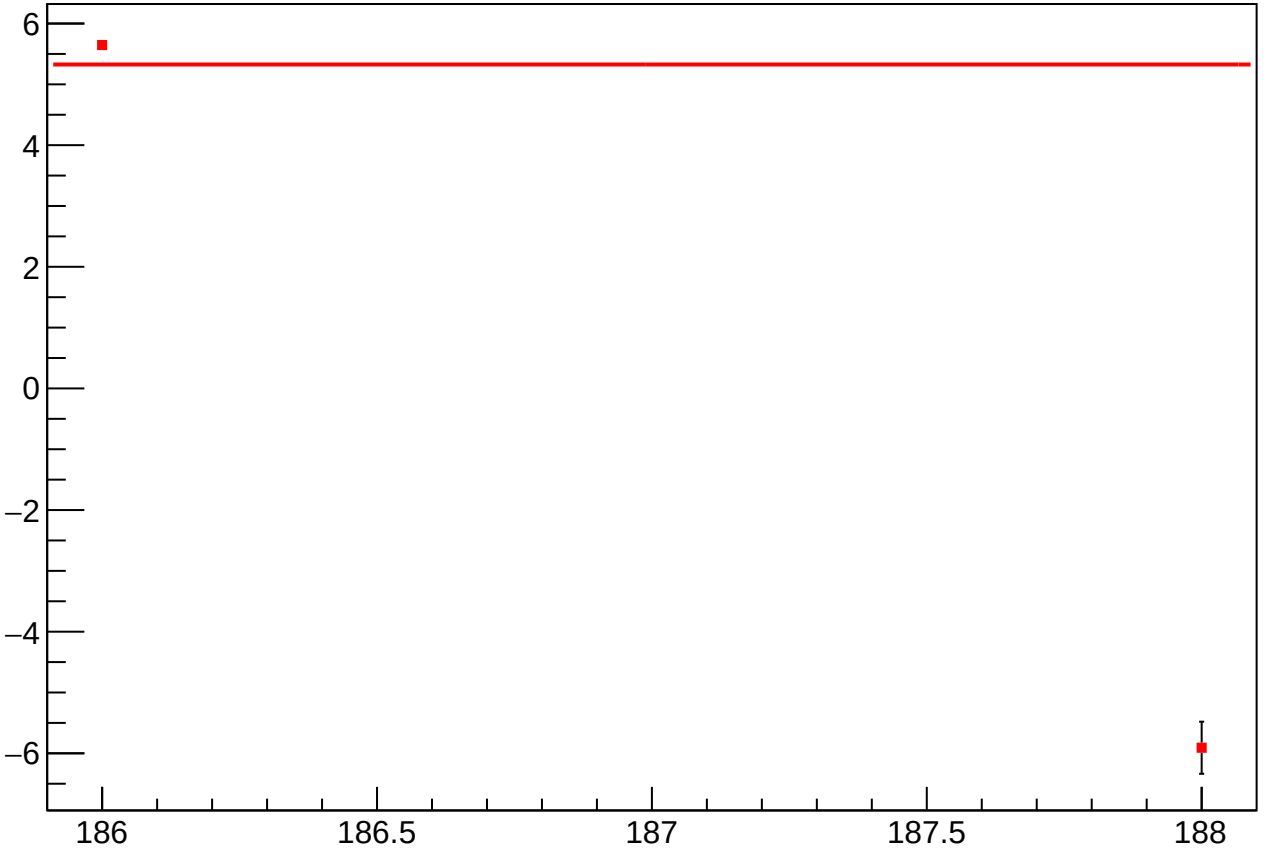
Right: -2.853+/-0.704 χ^2/NDF: 332.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.853+/-0.704 χ^2/NDF: 332.6/1

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.326+/-0.071 χ^2/NDF: 707.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

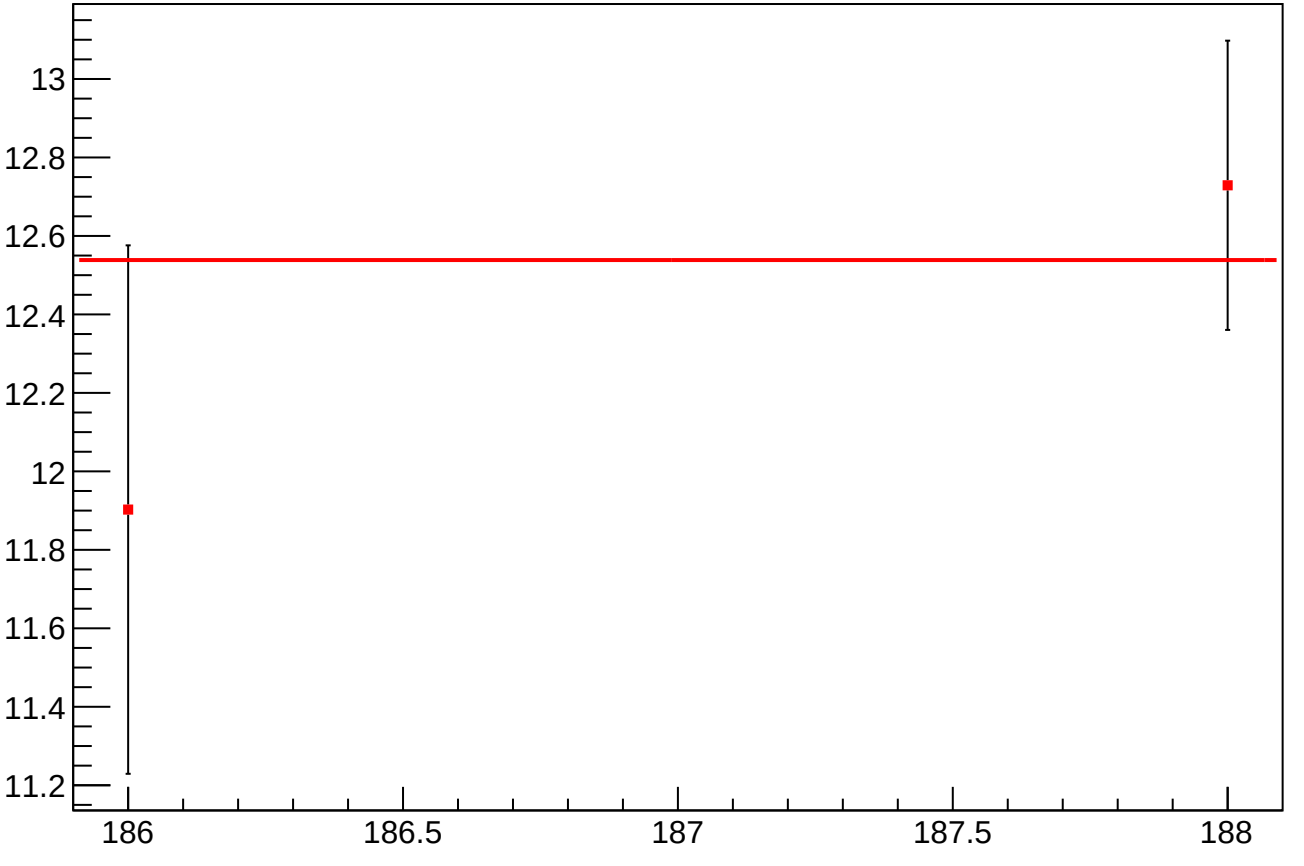
Right: 5.326+/-0.071 χ^2/NDF: 707.1/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.326+/-0.071 χ^2/NDF: 707.1/1

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.539+/-0.323 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

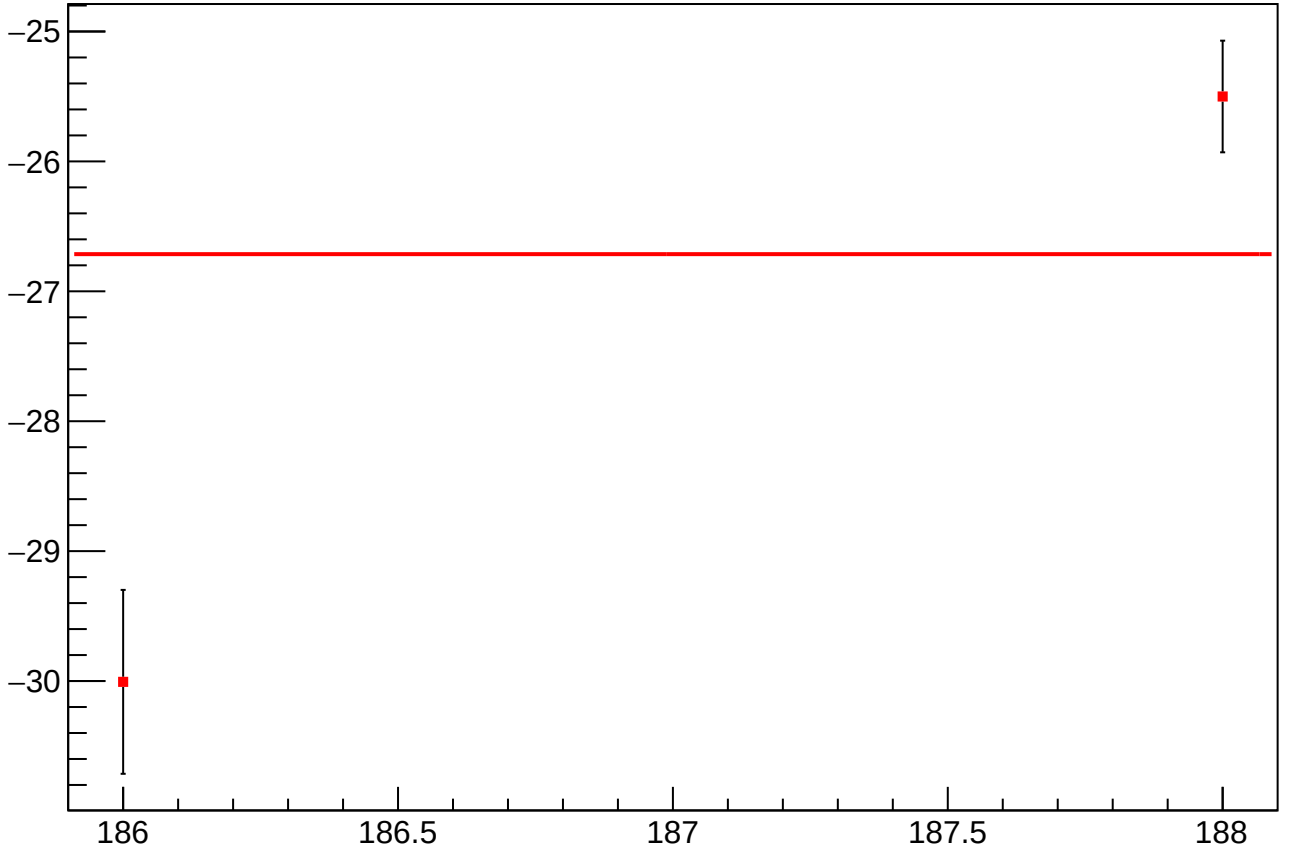
Right: 12.539+/-0.323 χ^2/NDF: 1.2/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 12.539+/-0.323 χ^2/NDF: 1.2/1

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.714+/-0.367 χ^2/NDF: 29.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

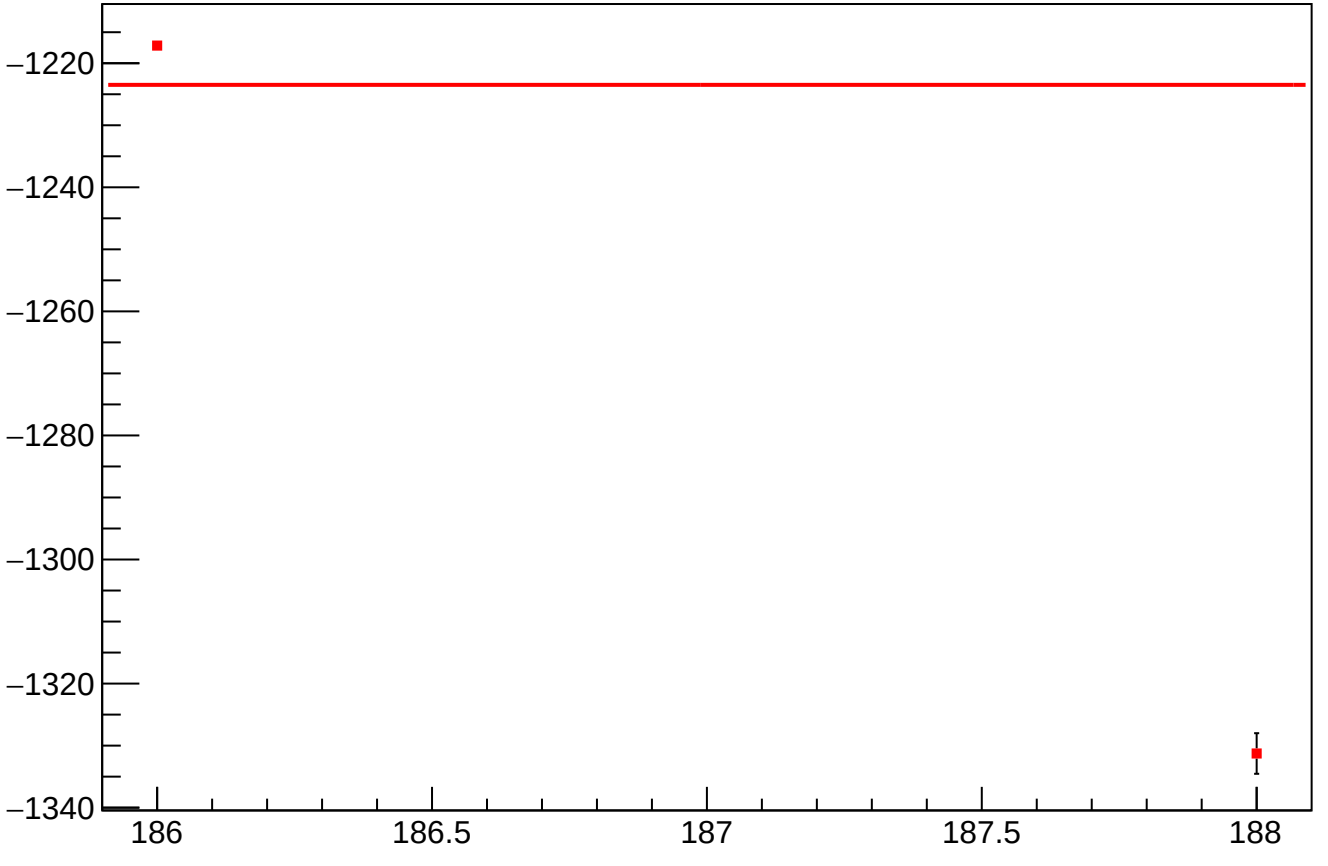
Right: -26.714+/-0.367 χ^2/NDF: 29.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.714+/-0.367 χ^2/NDF: 29.6/1

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1223.486+/-0.771 χ^2/NDF: 1147.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

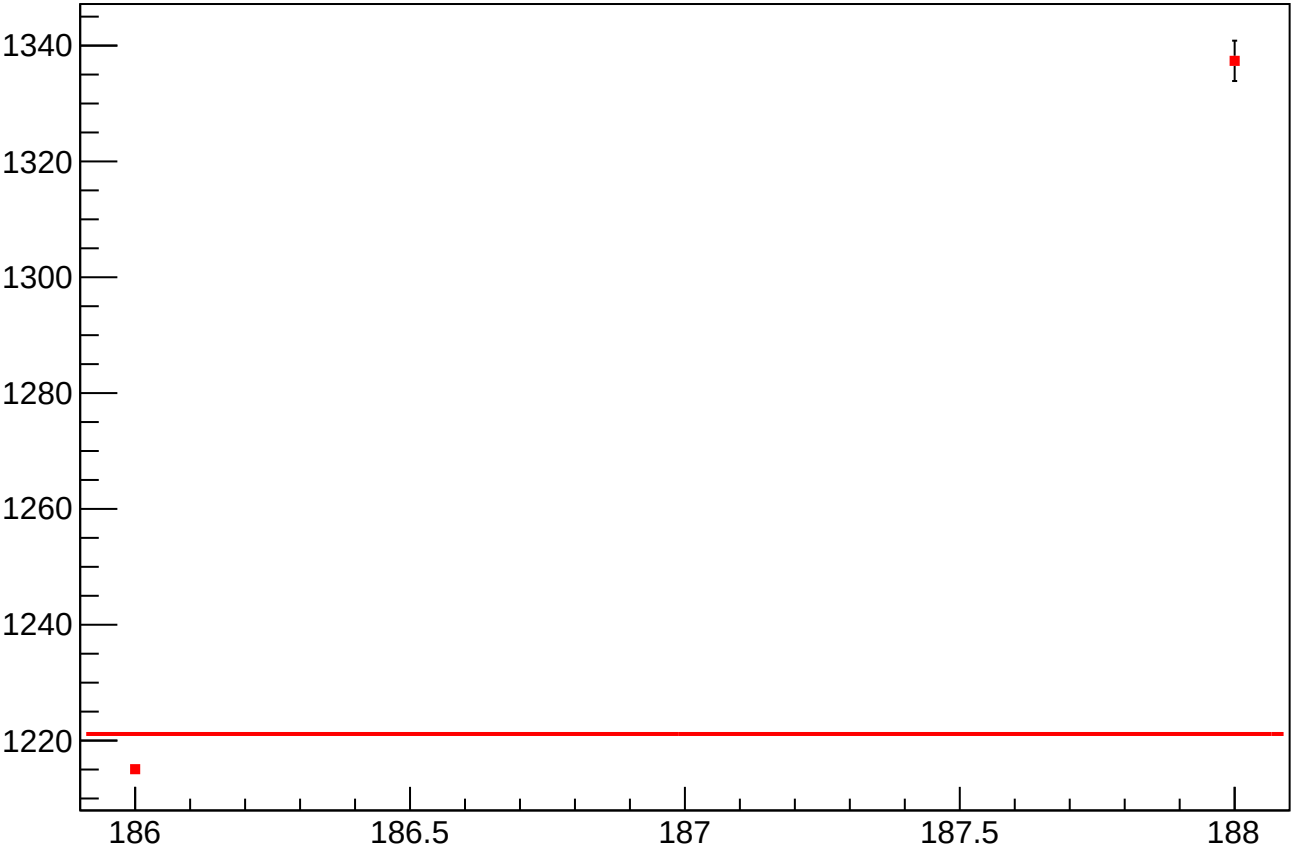
Right: -1223.486+/-0.771 χ^2/NDF: 1147.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1223.486+/-0.771 χ^2/NDF: 1147.9/1

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1221.138+/-0.777 χ^2/NDF: 1171.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

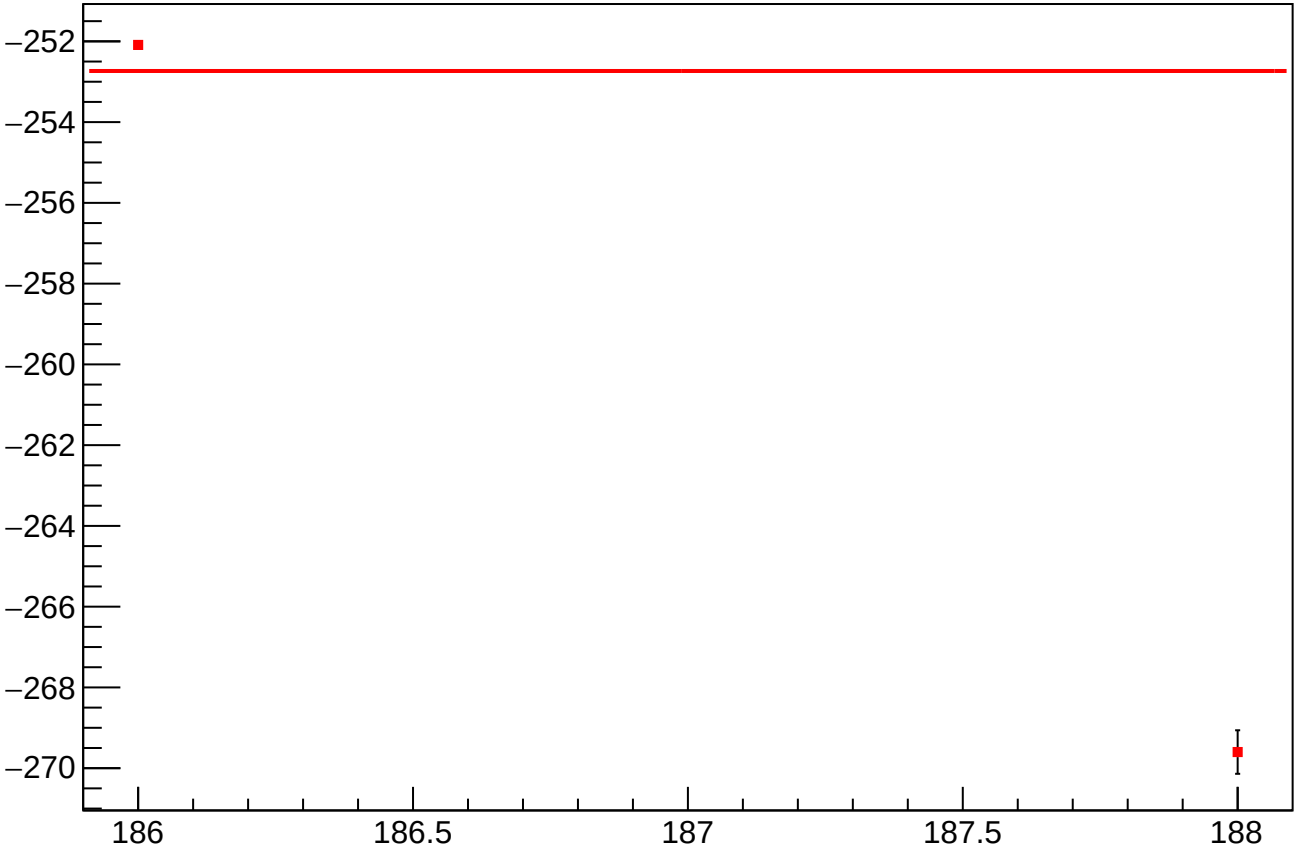
Right: 1221.138+/-0.777 χ^2/NDF: 1171.3/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1221.138+/-0.777 χ^2/NDF: 1171.3/1

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -252.734+/-0.103 χ^2/NDF: 1016.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

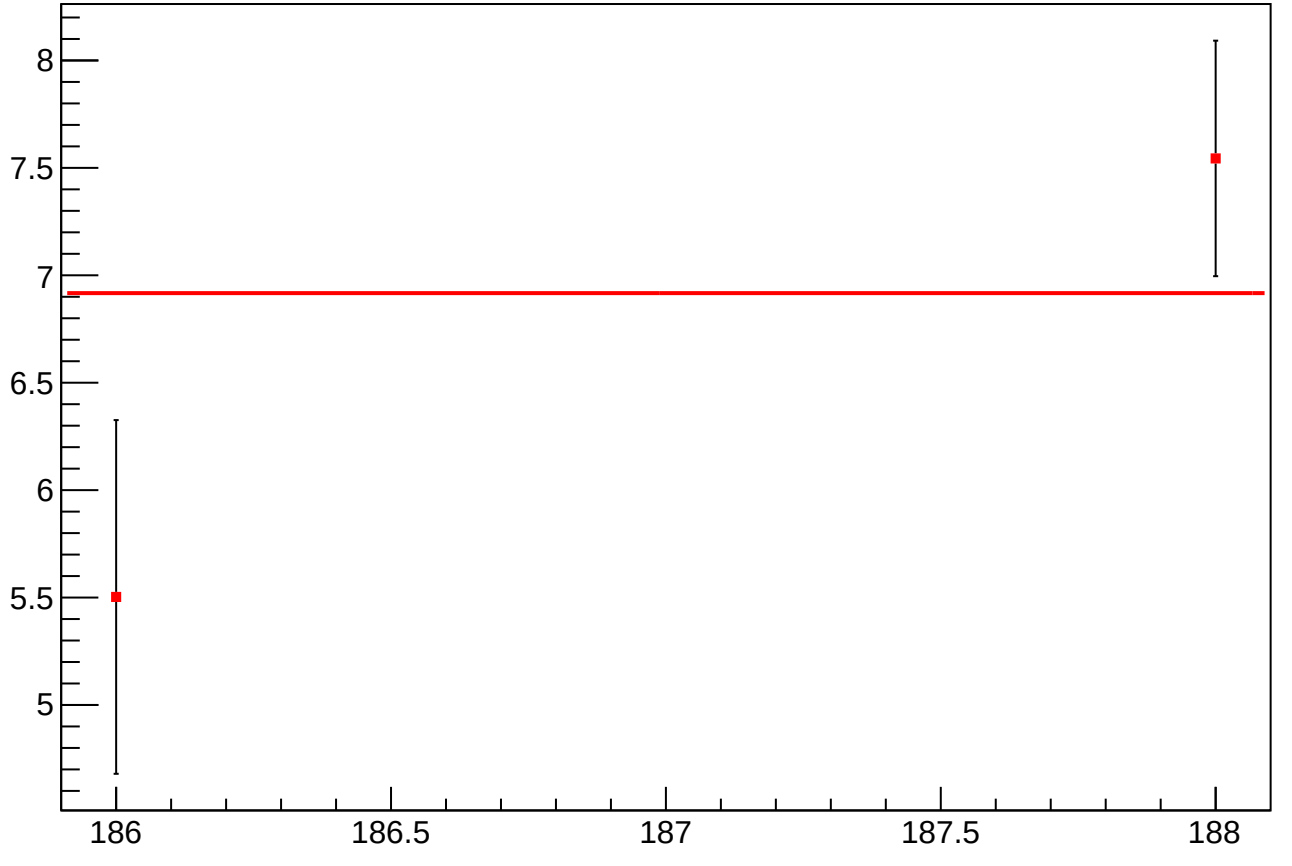
Right: -252.734+/-0.103 χ^2/NDF: 1016.7/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -252.734+/-0.103 χ^2/NDF: 1016.7/1

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.917+/-0.456 χ^2/NDF: 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

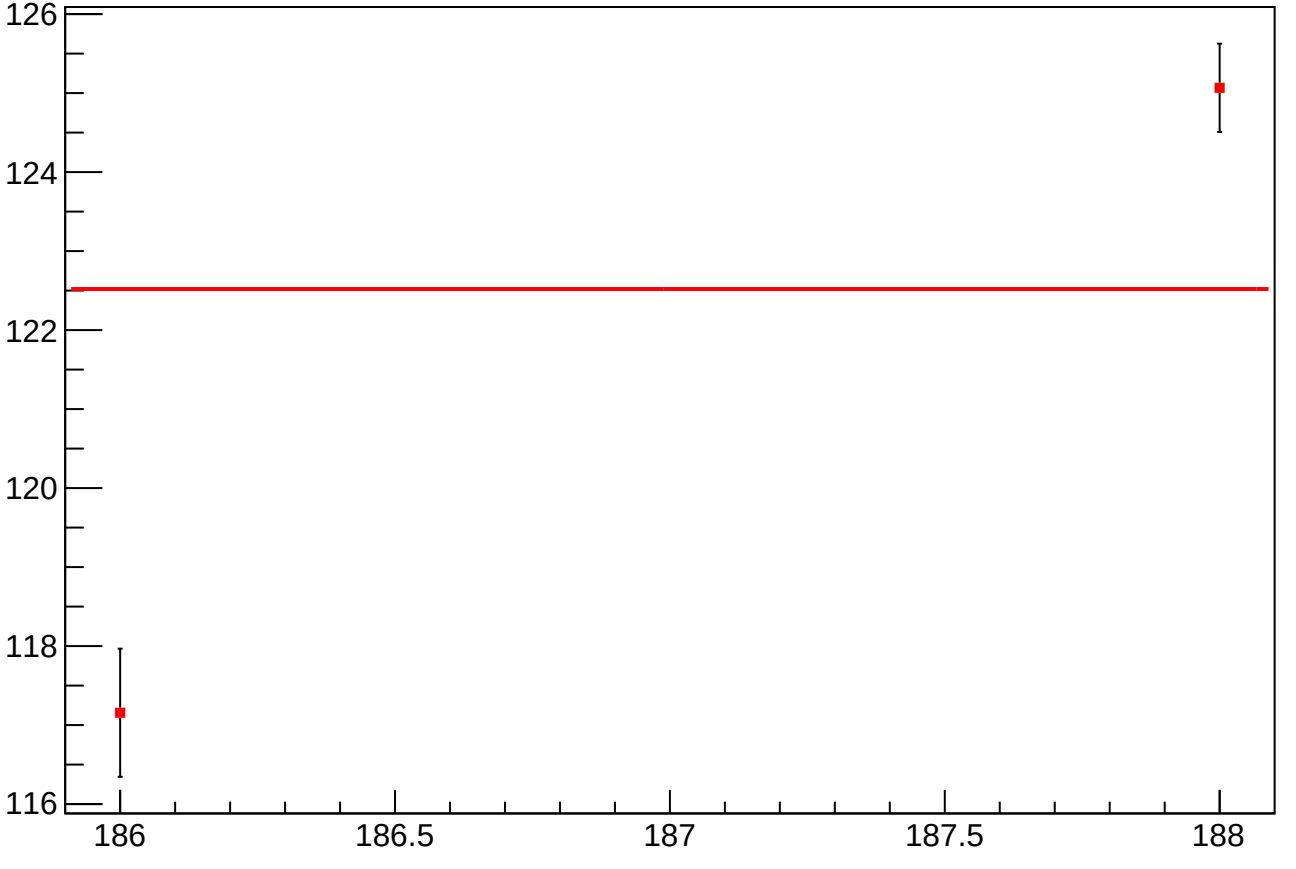
Right: 6.917+/-0.456 χ^2/NDF: 4.3/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.917+/-0.456 χ^2/NDF: 4.3/1

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 122.520+/-0.460 χ^2/NDF: 64.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

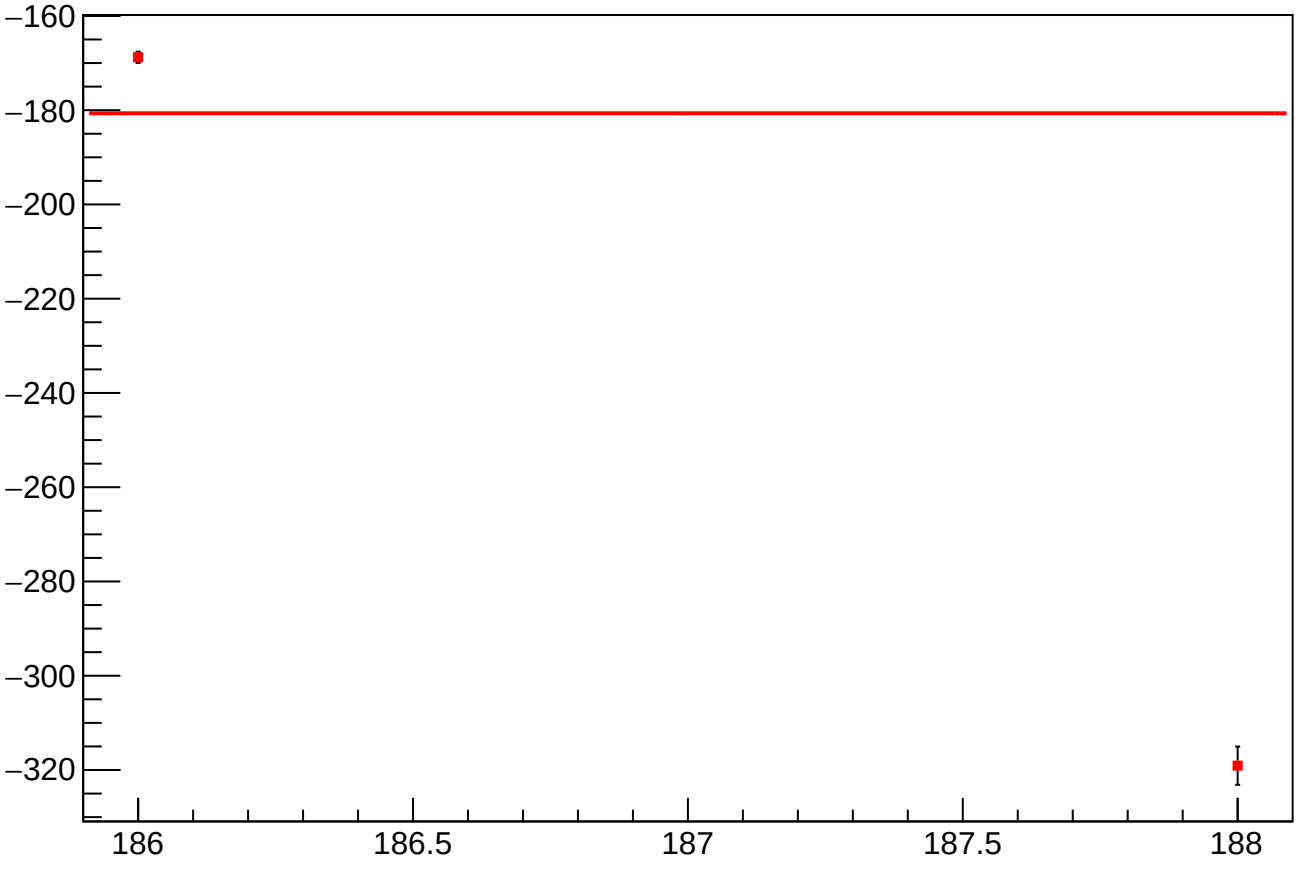
Right: 122.520+/-0.460 χ^2/NDF: 64.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 122.520+/-0.460 χ^2/NDF: 64.5/1

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -180.662+/-1.141 χ^2/NDF: 1264.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

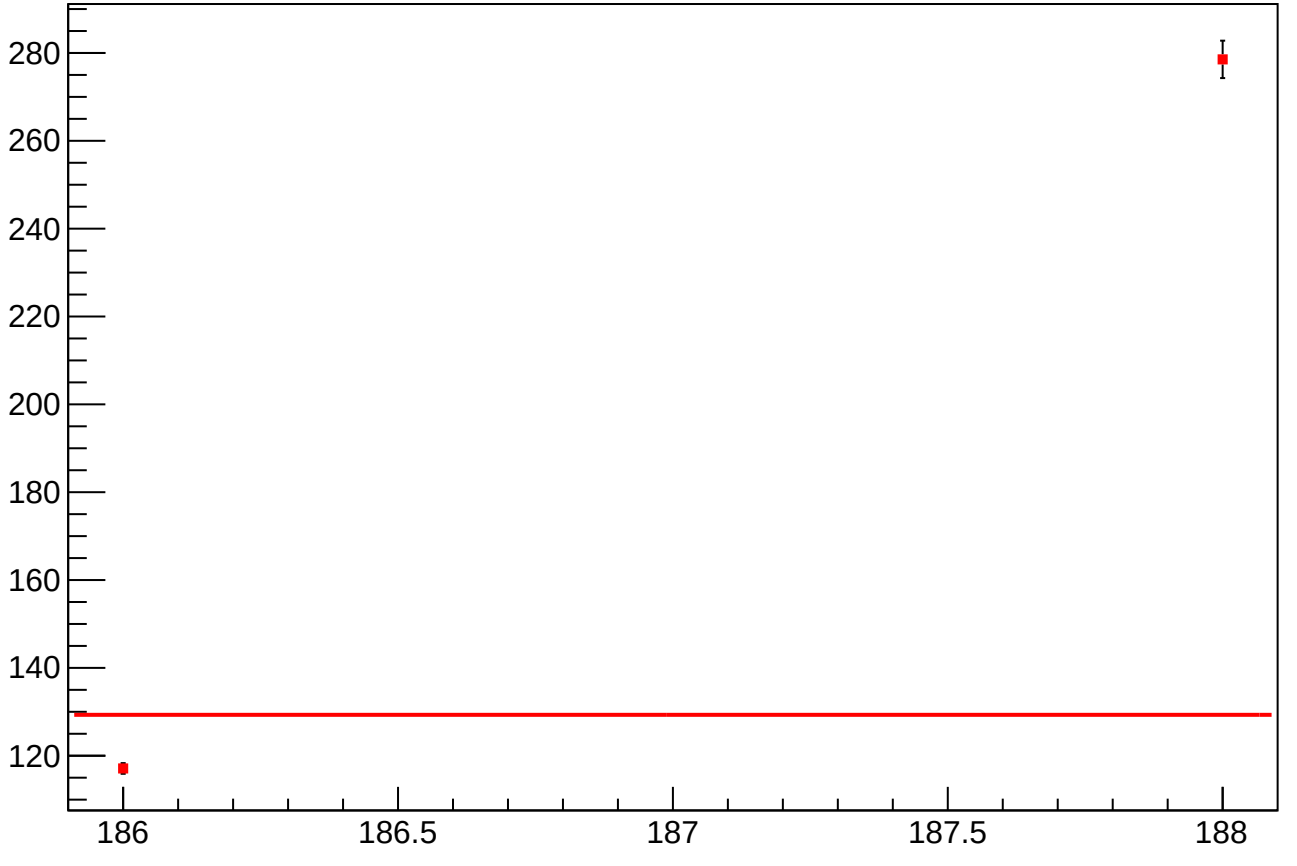
Right: -180.662+/-1.141 χ^2/NDF: 1264.2/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -180.662+/-1.141 χ^2/NDF: 1264.2/1

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 129.313+/-1.171 χ^2/NDF: 1328.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

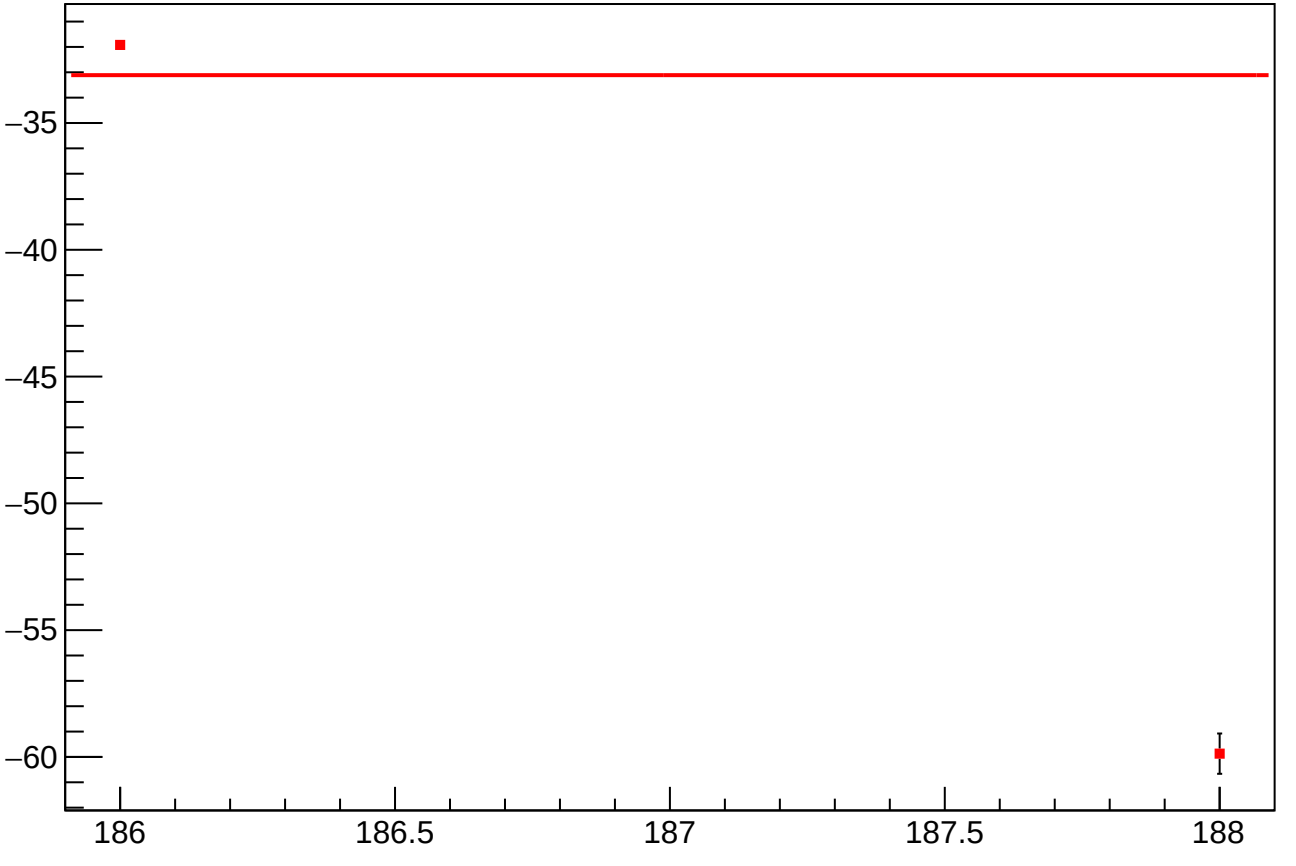
Right: 129.313+/-1.171 χ^2/NDF: 1328.3/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 129.313+/-1.171 χ^2/NDF: 1328.3/1

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -33.113+/-0.164 χ^2/NDF: 1184.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

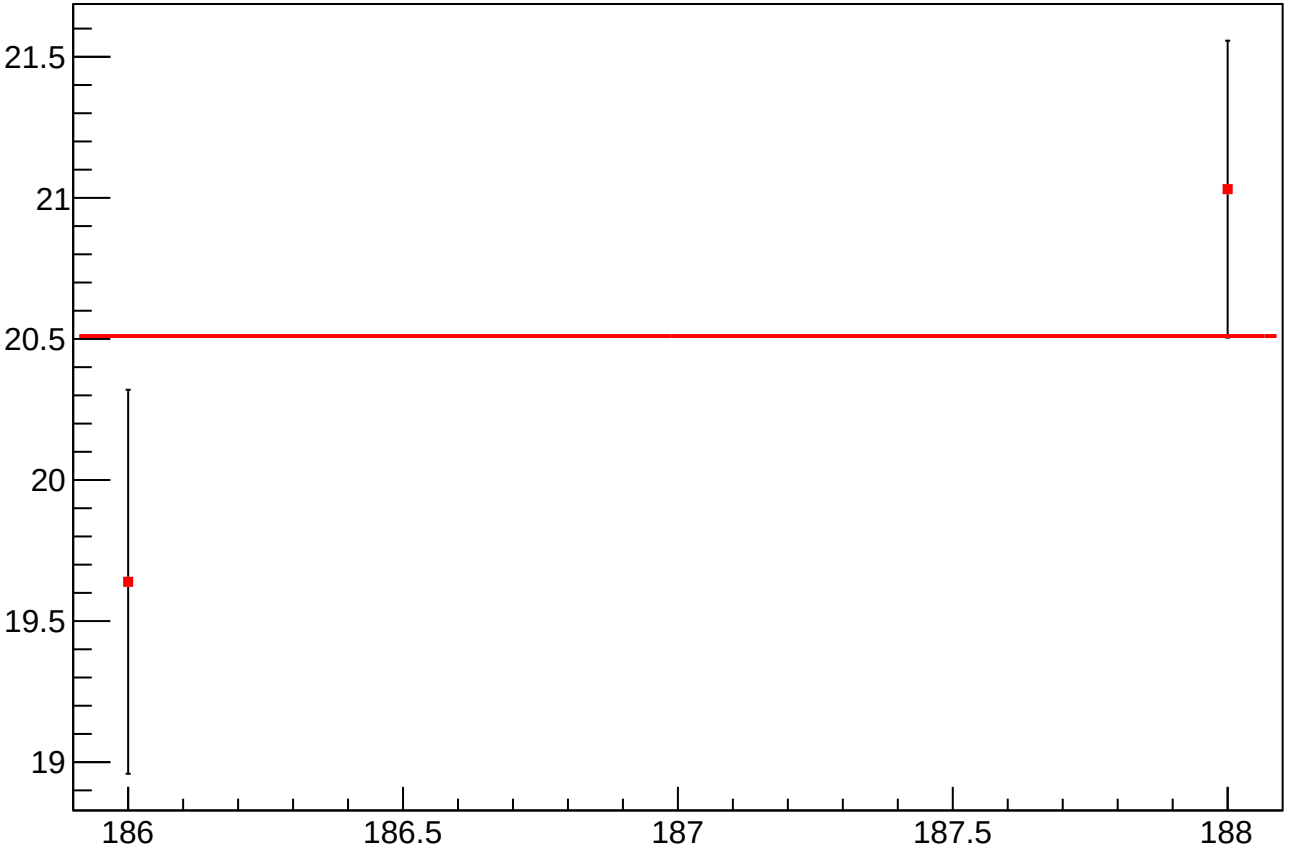
Right: -33.113+/-0.164 χ^2/NDF: 1184.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -33.113+/-0.164 χ^2/NDF: 1184.6/1

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.510+/-0.416 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

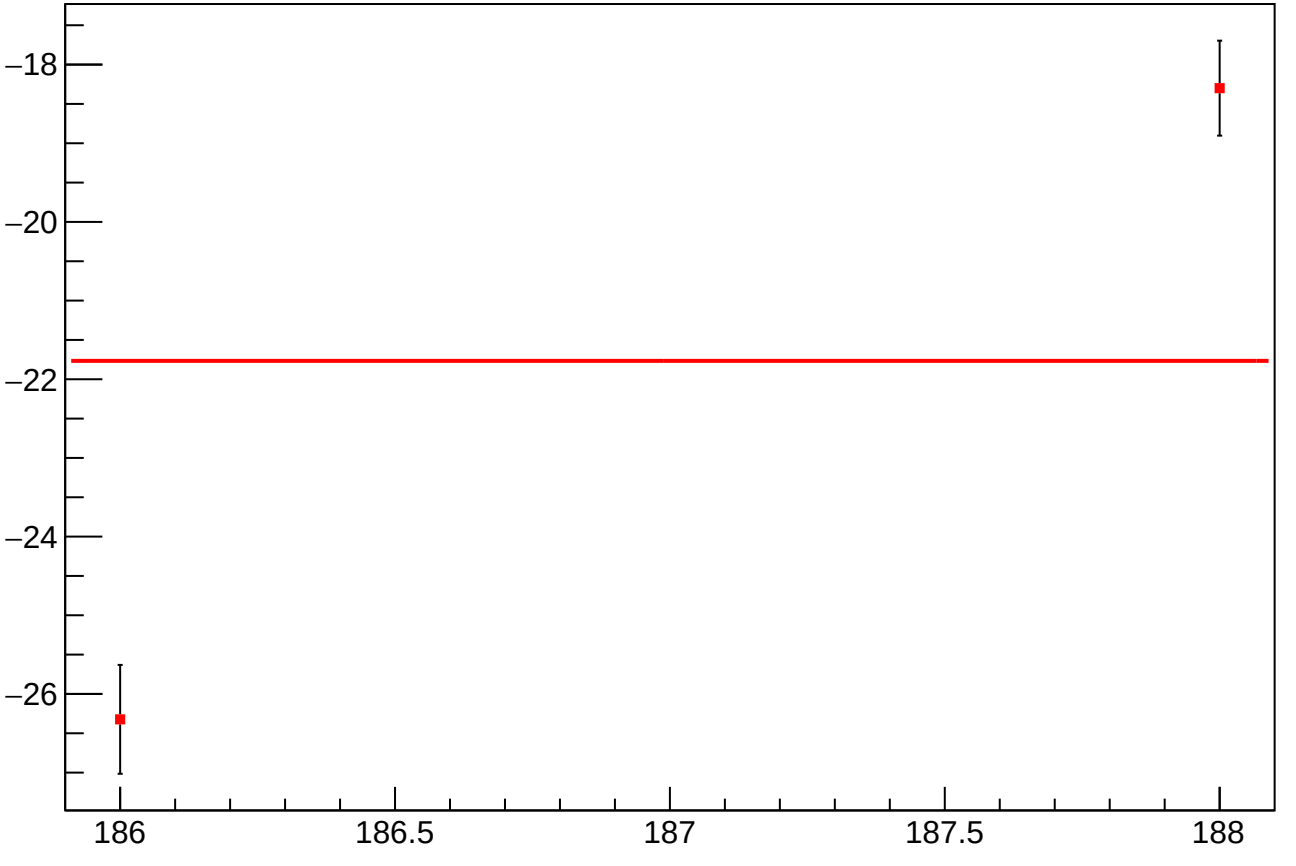
Right: 20.510+/-0.416 χ^2/NDF: 2.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.510+/-0.416 χ^2/NDF: 2.6/1

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21.766+/-0.455 χ^2/NDF: 76.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

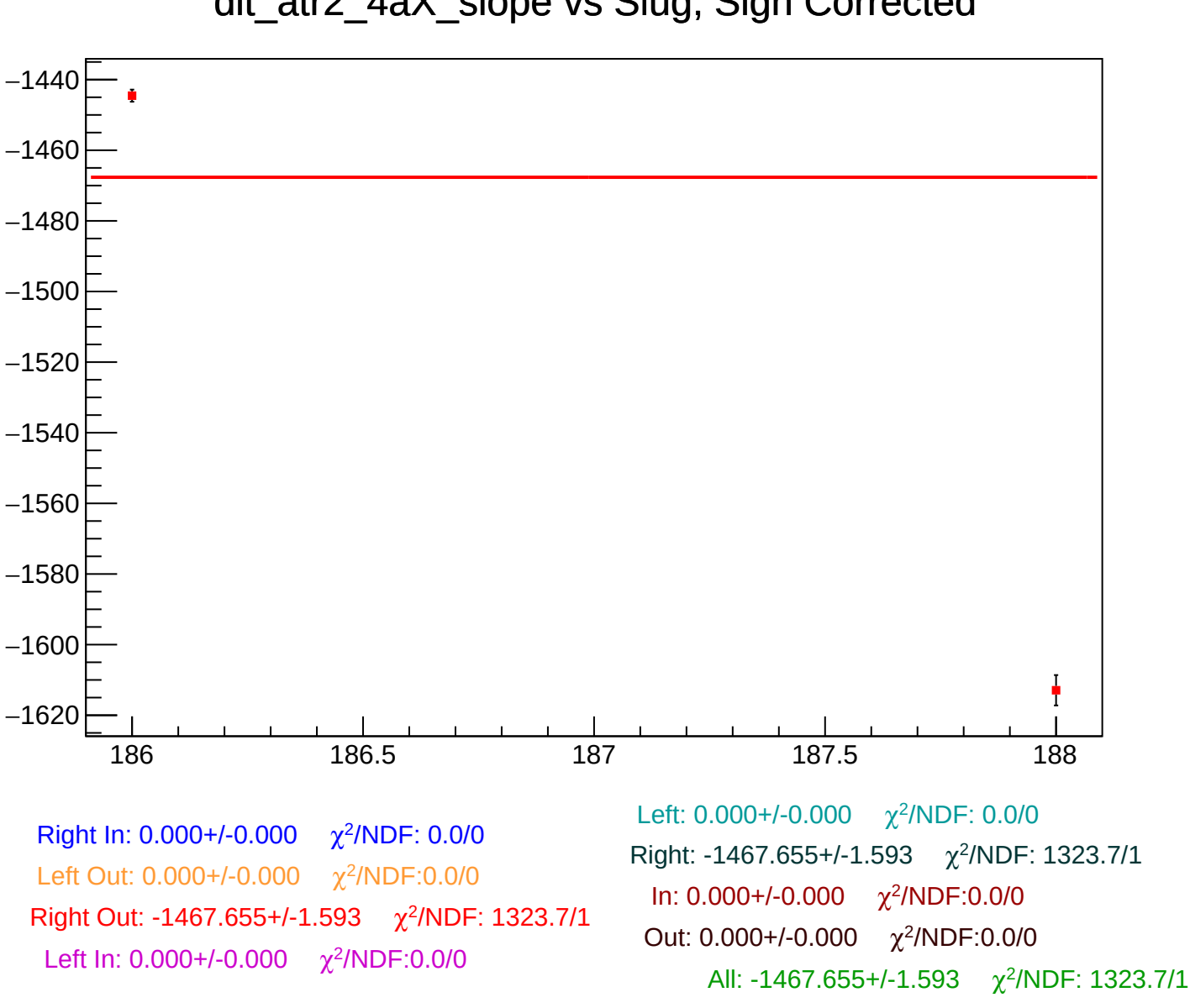
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -21.766+/-0.455 χ^2/NDF: 76.3/1

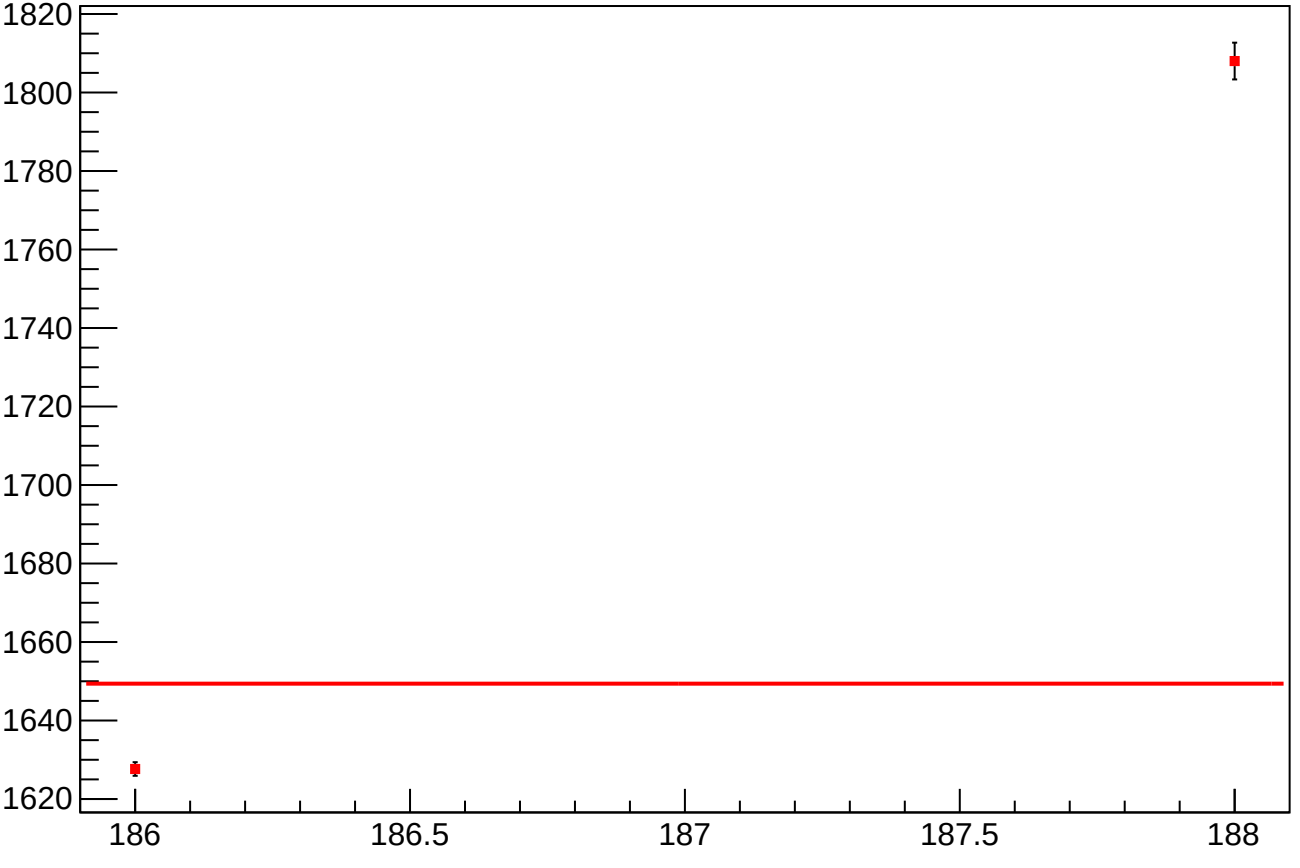
In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -21.766+/-0.455 χ^2/NDF: 76.3/1


dit_atr2_4aX_slope vs Slug, Sign Corrected
−1440
−1460
−1480
−1500
−1520
−1540
−1560
−1580
−1600
−1620
186
186.5
187
187.5
188
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -1467.655+/-1.593 χ²/NDF: 1323.7/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -1467.655+/-1.593 χ²/NDF: 1323.7/1
In: 0.000+/-0.000 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -1467.655+/-1.593 χ²/NDF: 1323.7/1

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1649.391+/-1.626 χ^2/NDF: 1304.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

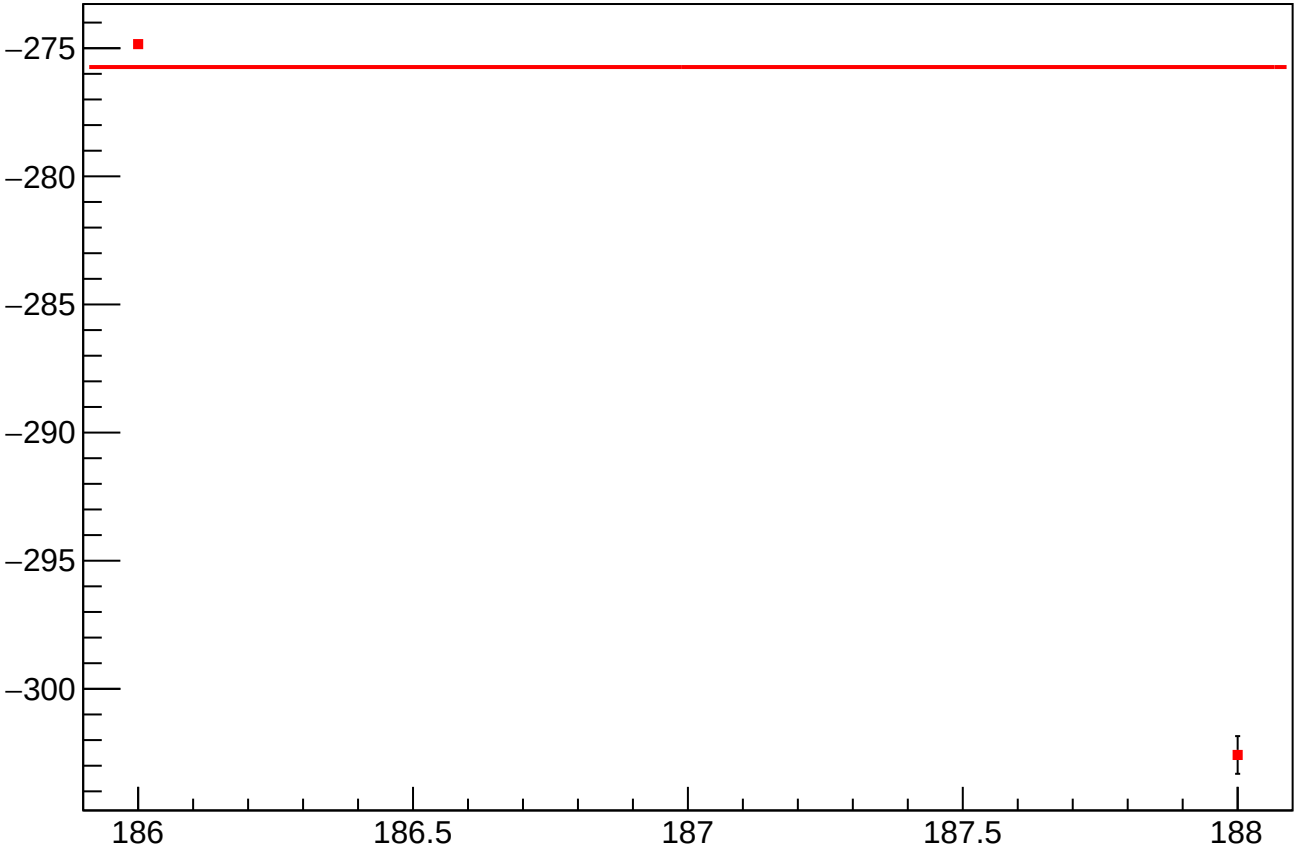
Right: 1649.391+/-1.626 χ^2/NDF: 1304.7/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1649.391+/-1.626 χ^2/NDF: 1304.7/1

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -275.735+/-0.132 χ^2/NDF: 1377.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

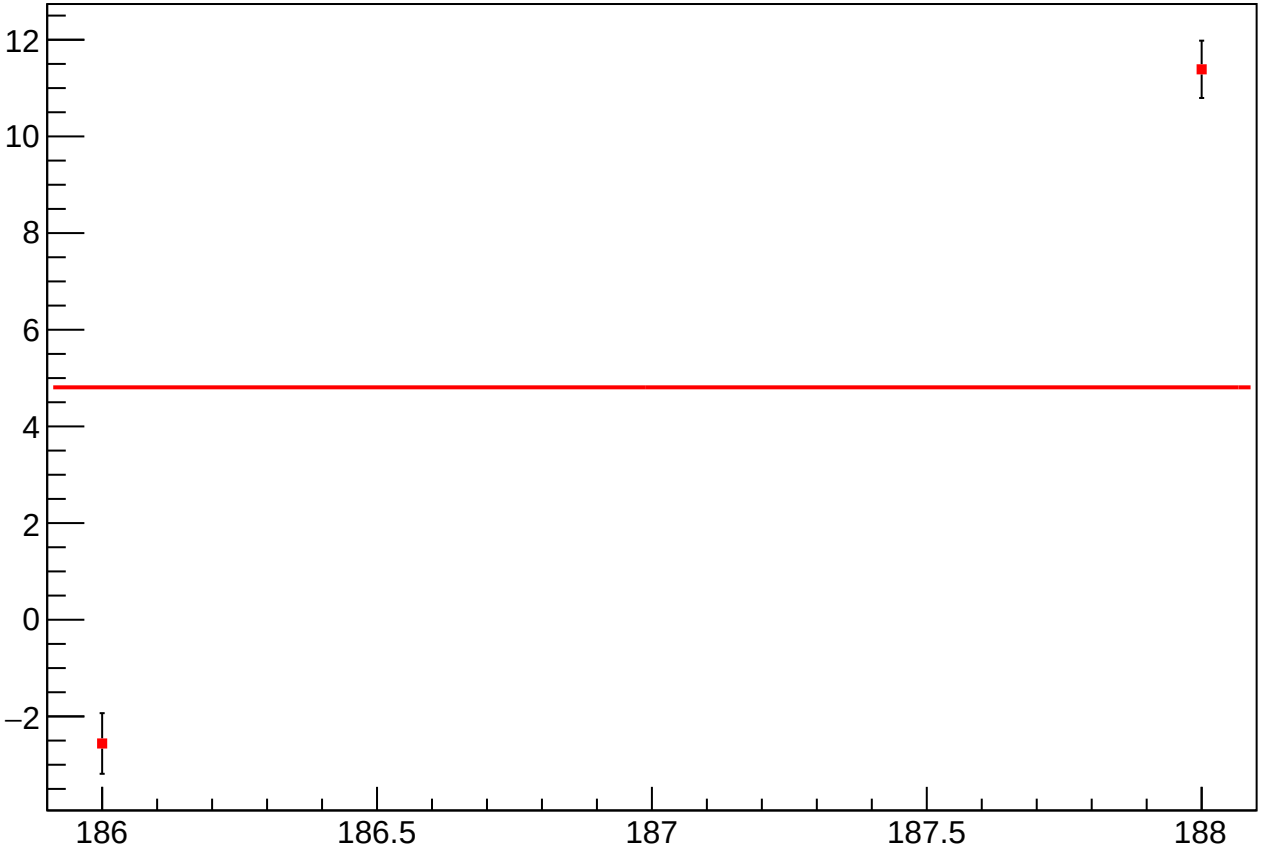
Right: -275.735+/-0.132 χ^2/NDF: 1377.3/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -275.735+/-0.132 χ^2/NDF: 1377.3/1

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.809+/-0.431 χ^2/NDF: 261.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

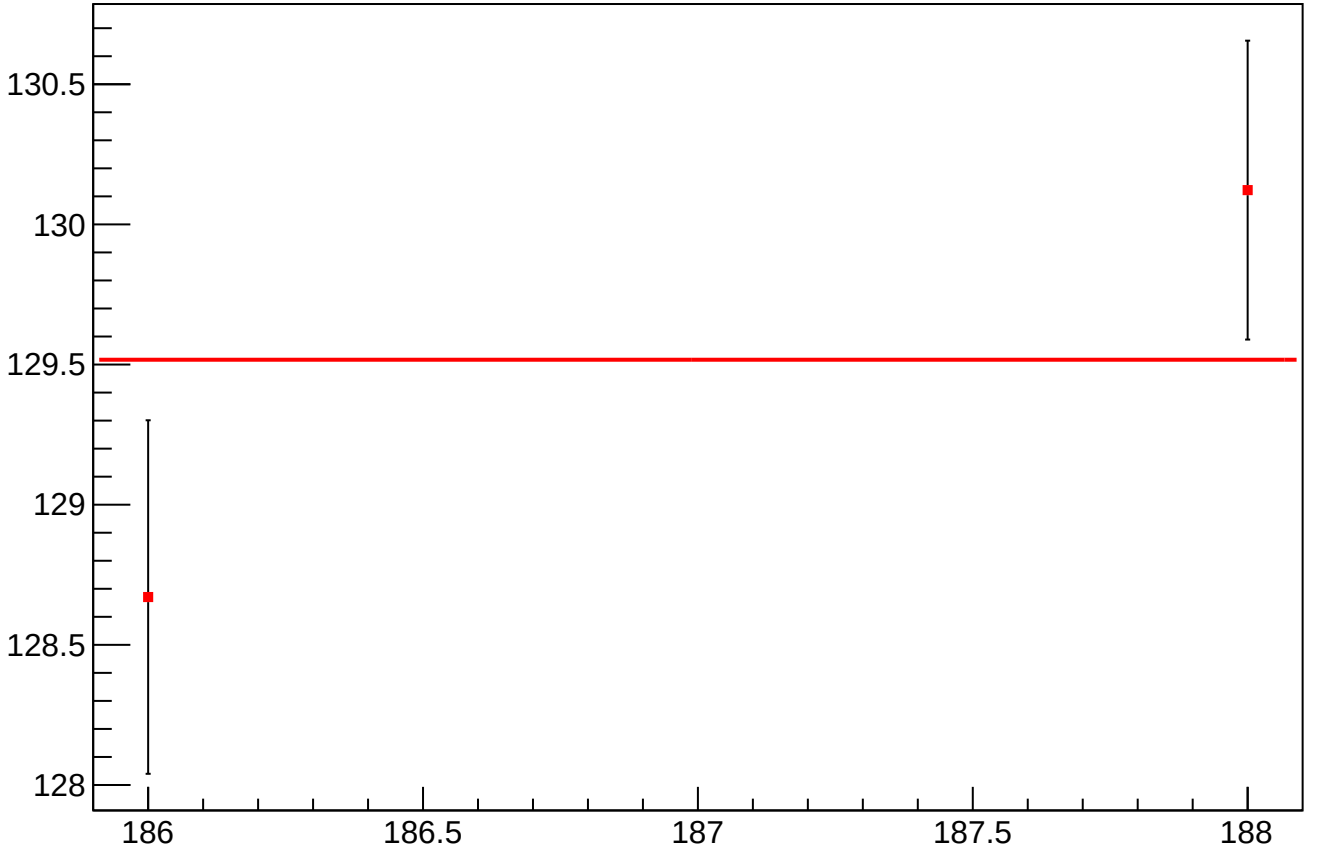
Right: 4.809+/-0.431 χ^2/NDF: 261.1/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.809+/-0.431 χ^2/NDF: 261.1/1

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 129.517+/-0.407 χ^2/NDF: 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

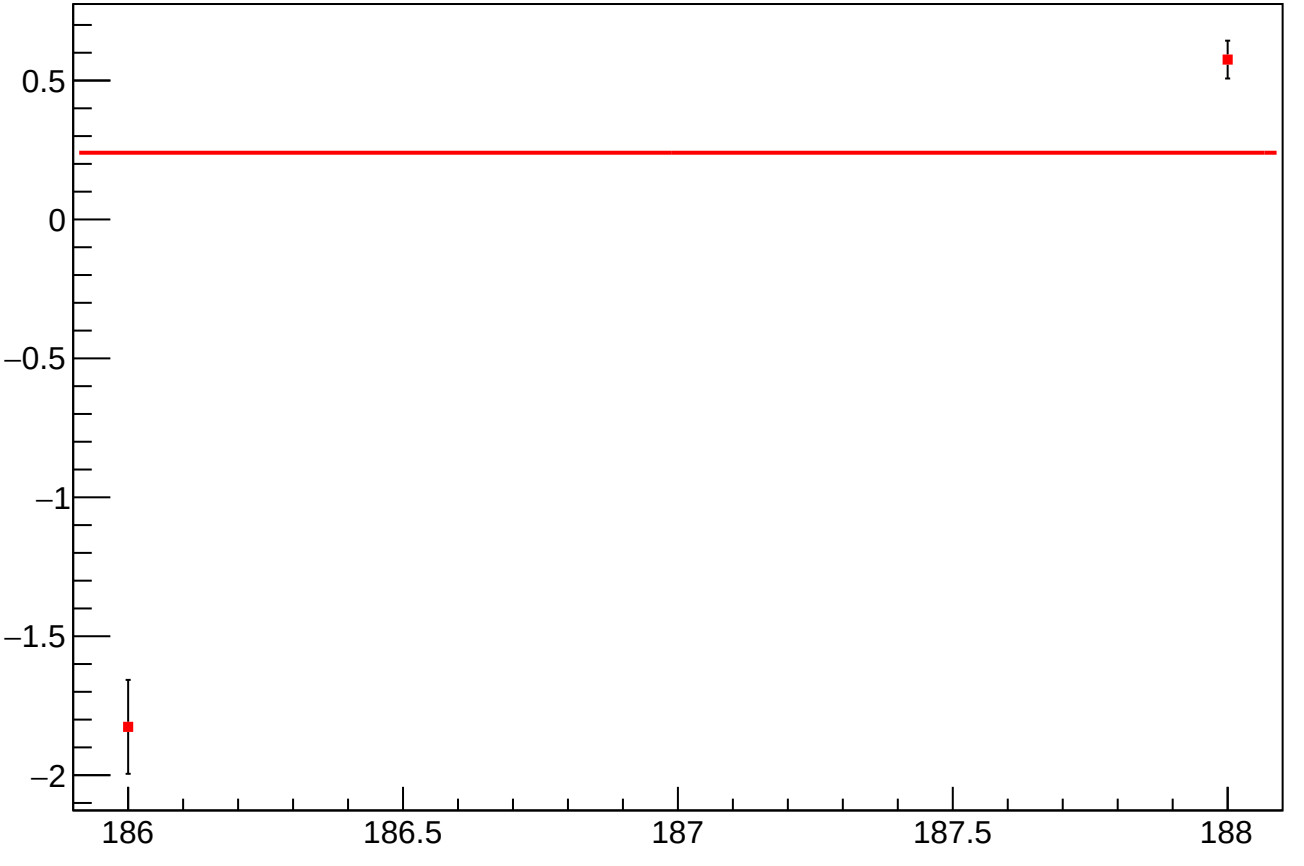
Right: 129.517+/-0.407 χ^2/NDF: 3.1/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 129.517+/-0.407 χ^2/NDF: 3.1/1

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.240+/-0.063 χ^2/NDF: 173.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

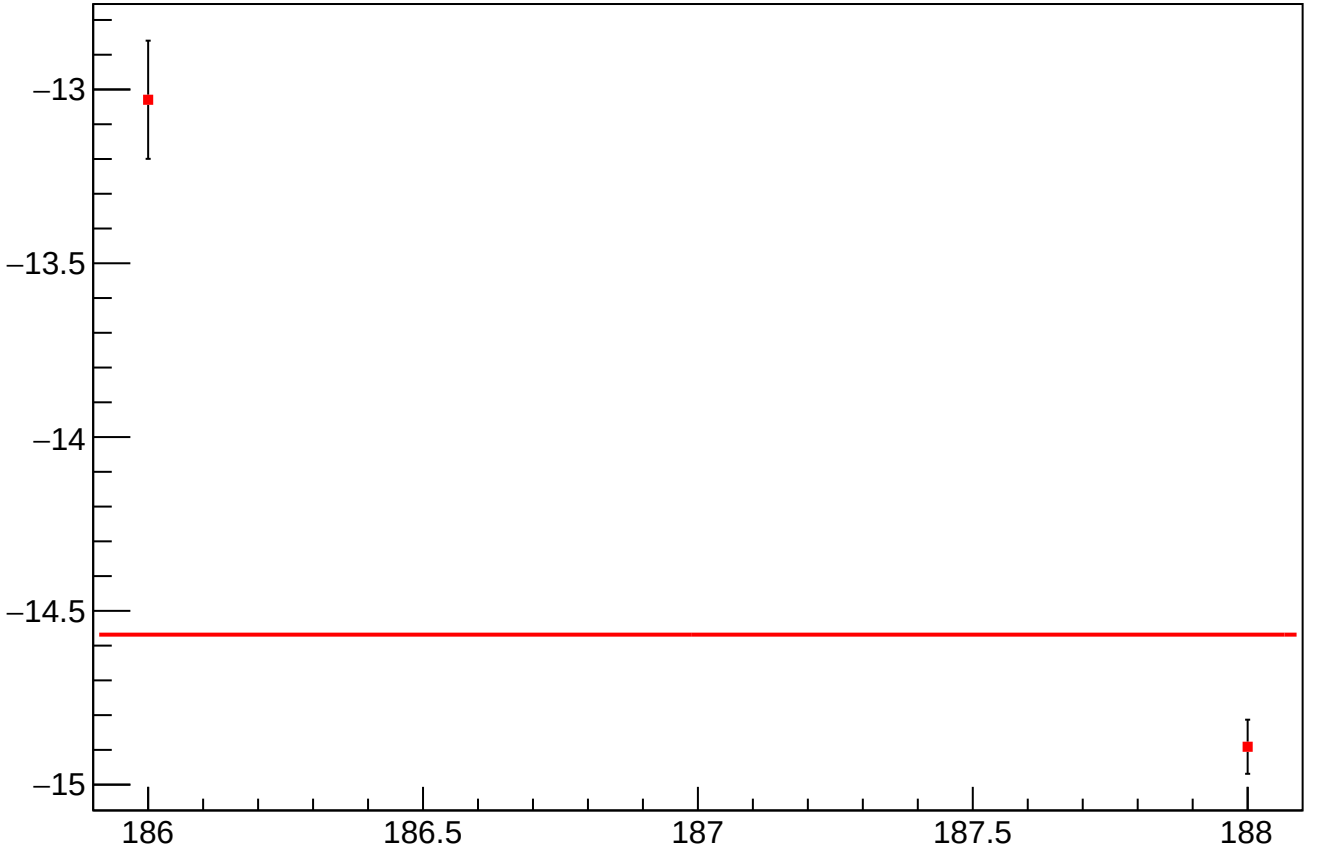
Right: 0.240+/-0.063 χ^2/NDF: 173.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.240+/-0.063 χ^2/NDF: 173.8/1

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.568+/-0.071 χ^2/NDF: 99.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

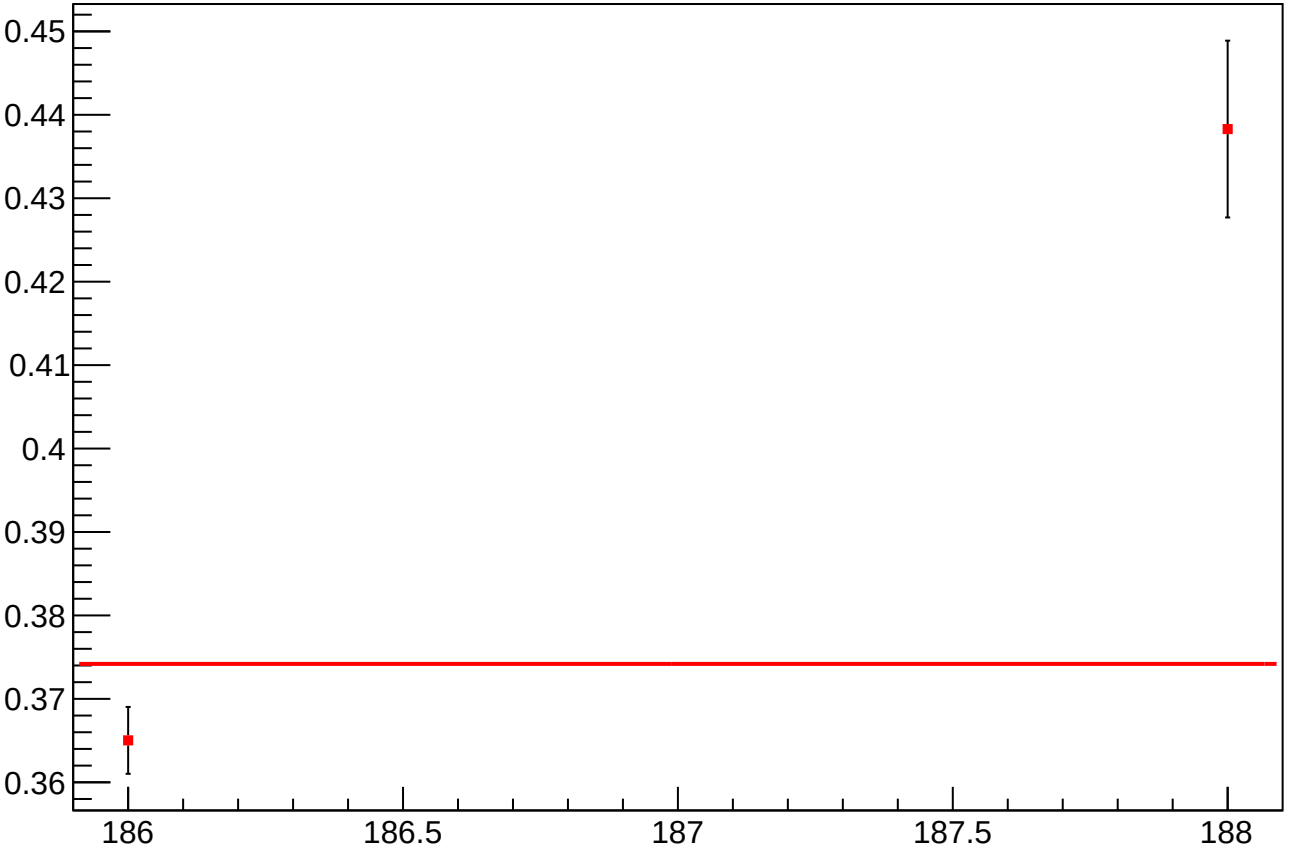
Right: -14.568+/-0.071 χ^2/NDF: 99.1/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.568+/-0.071 χ^2/NDF: 99.1/1

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.374+/-0.004 χ^2/NDF: 41.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

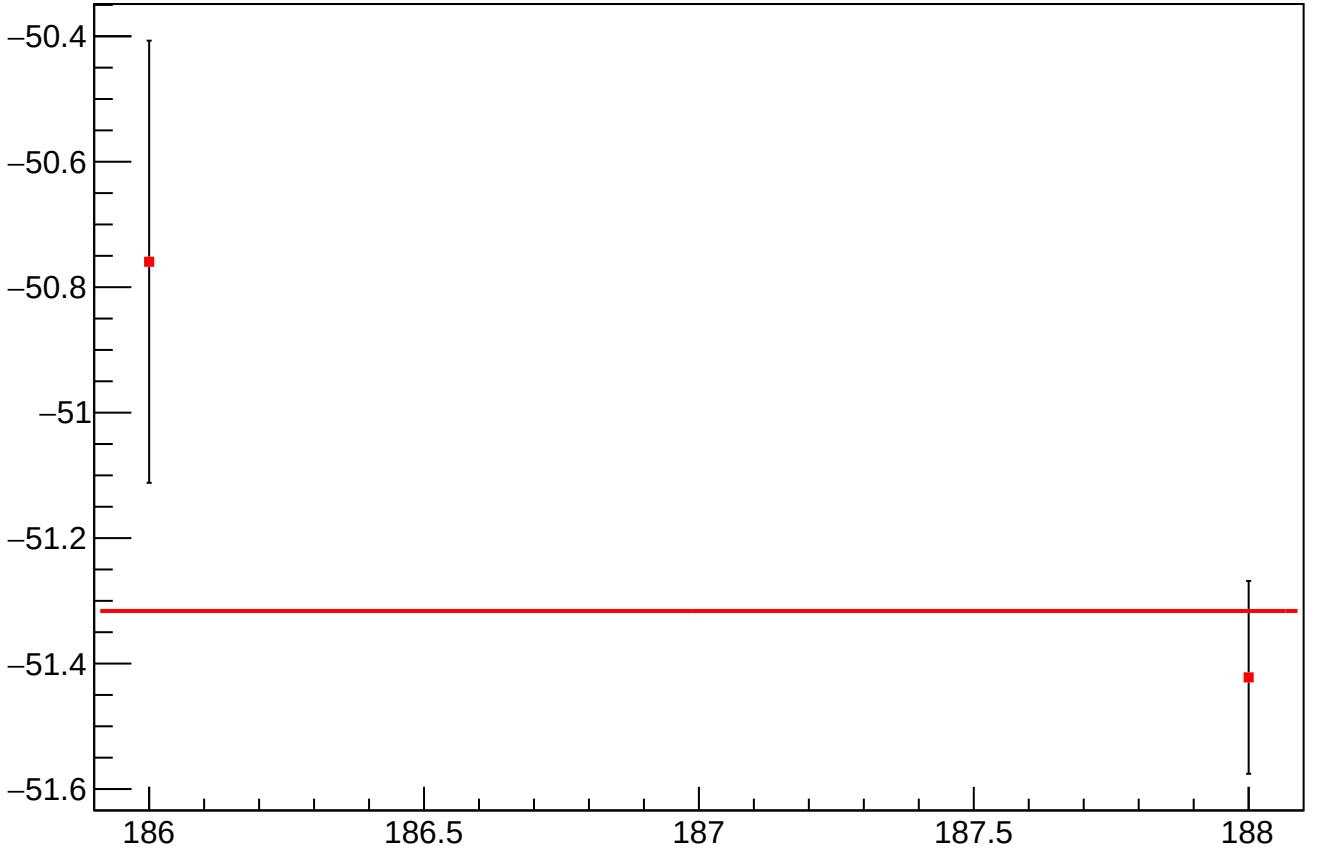
Right: 0.374+/-0.004 χ^2/NDF: 41.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.374+/-0.004 χ^2/NDF: 41.8/1

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -51.316+/-0.141 χ^2/NDF: 3.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

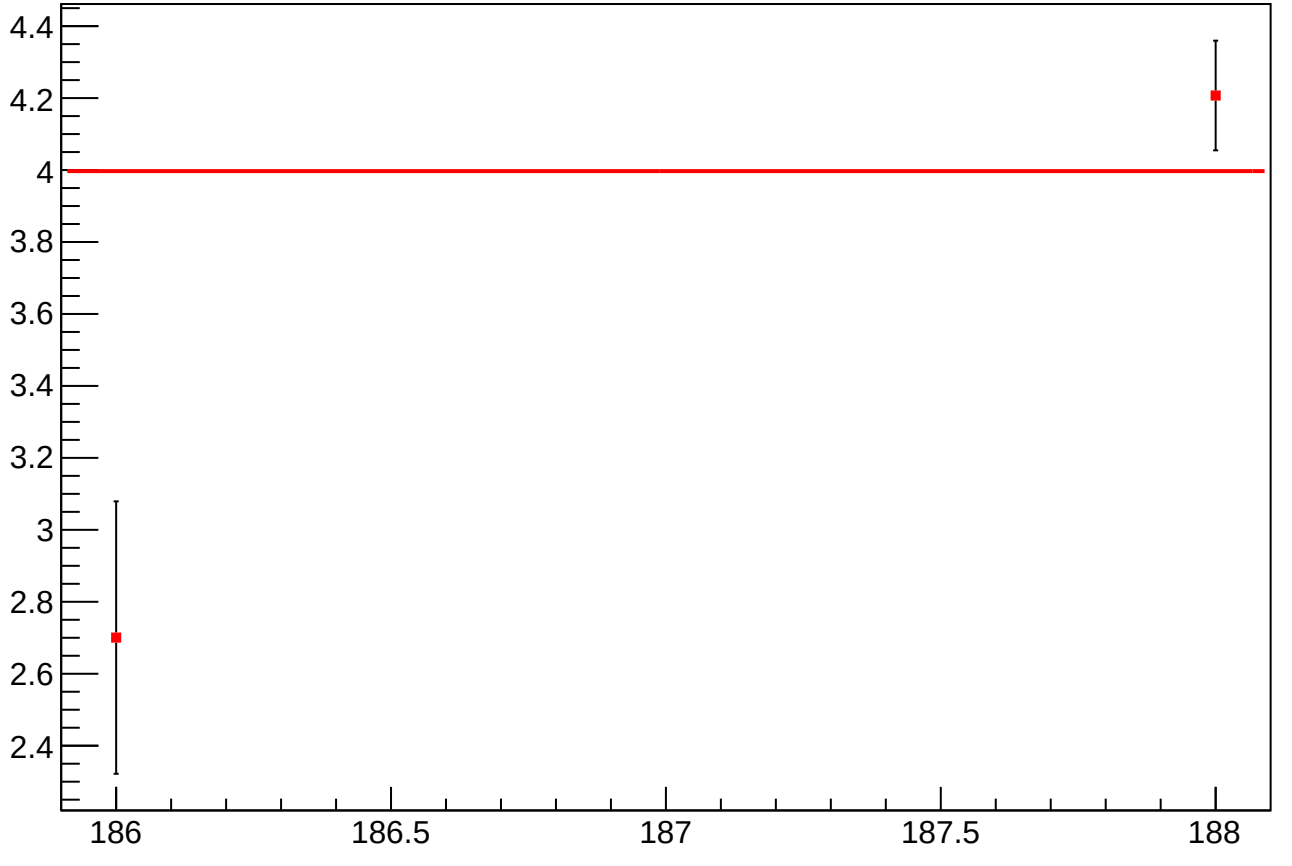
Right: -51.316+/-0.141 χ^2/NDF: 3.0/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -51.316+/-0.141 χ^2/NDF: 3.0/1

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.997+/-0.141 χ^2/NDF: 13.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

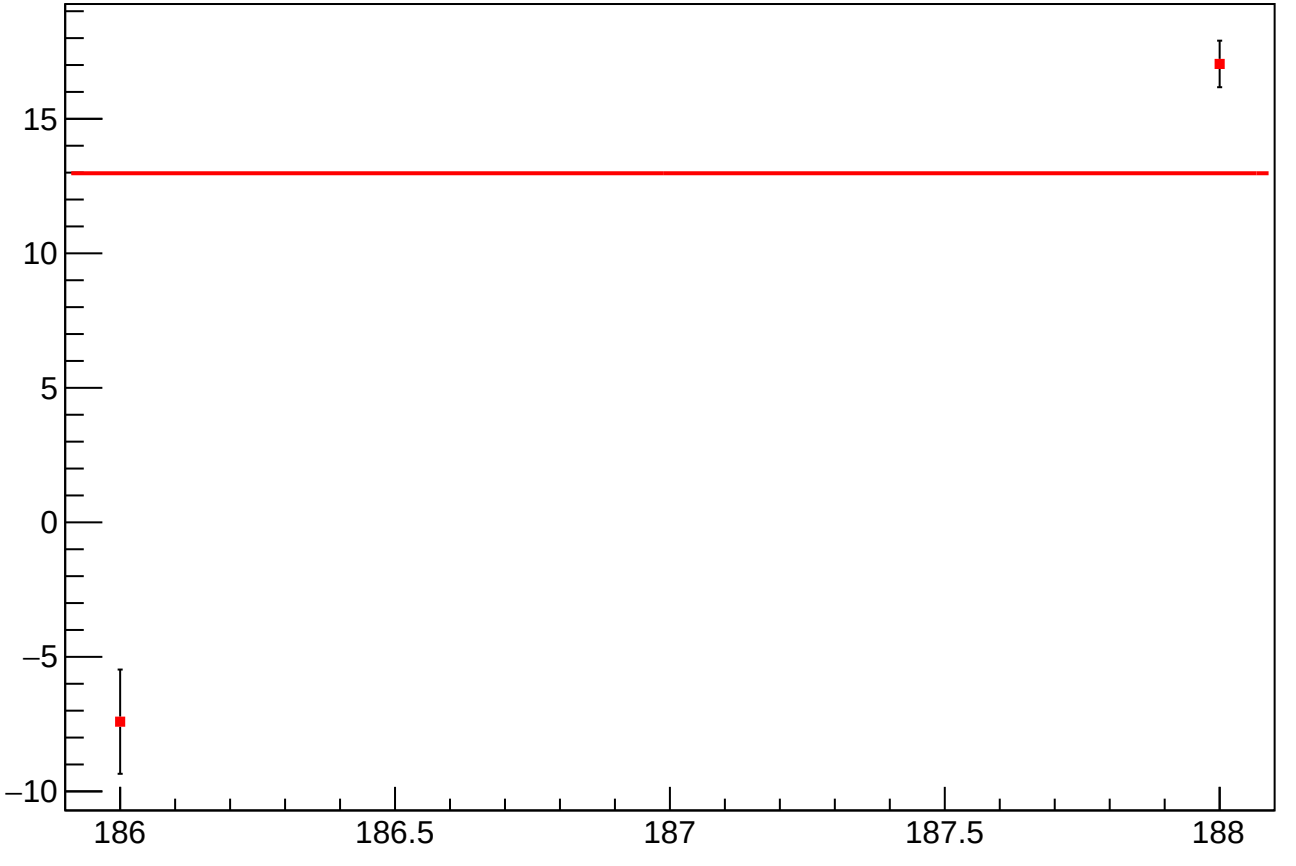
Right: 3.997+/-0.141 χ^2/NDF: 13.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.997+/-0.141 χ^2/NDF: 13.6/1

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.977+/-0.790 χ^2/NDF: 132.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

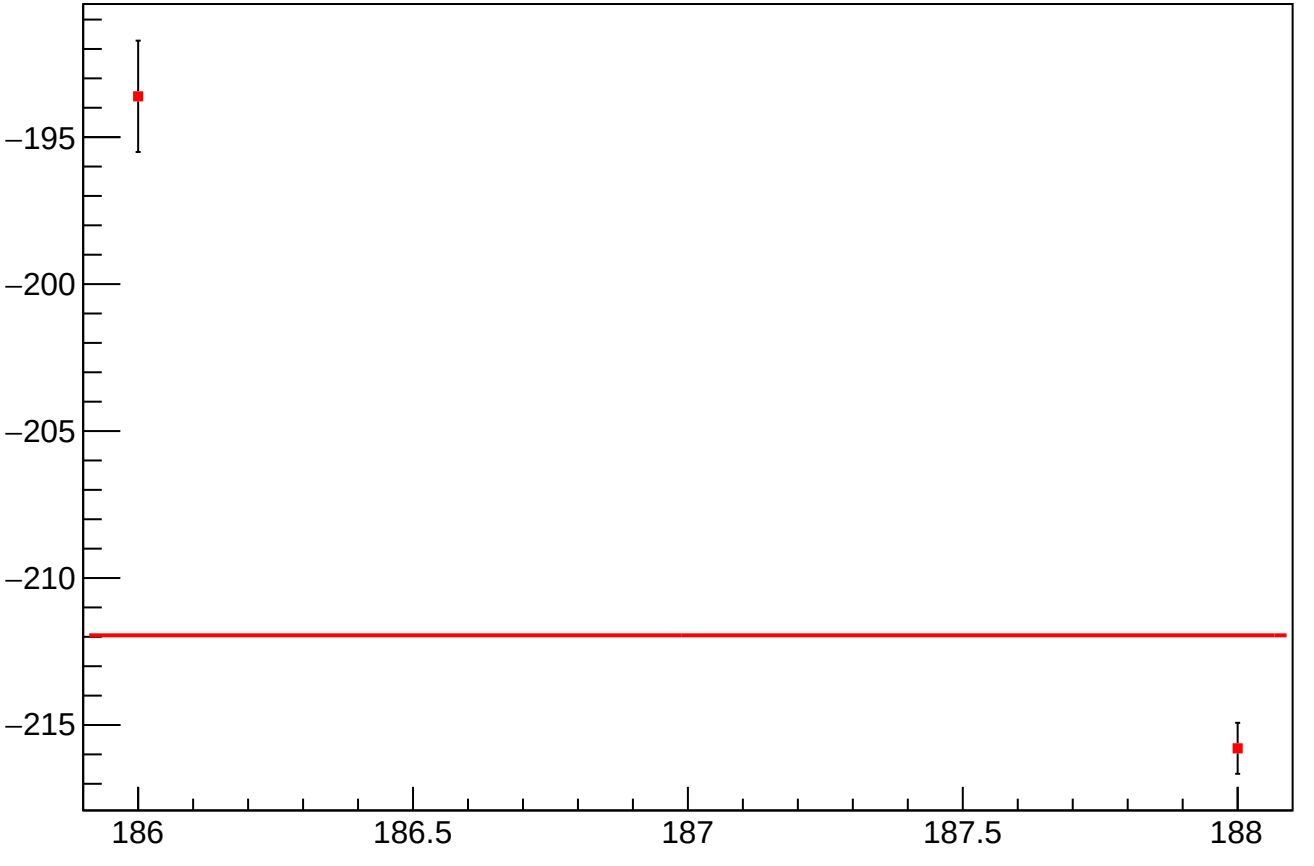
Right: 12.977+/-0.790 χ^2/NDF: 132.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 12.977+/-0.790 χ^2/NDF: 132.8/1

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -211.949+/-0.788 χ^2/NDF: 113.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

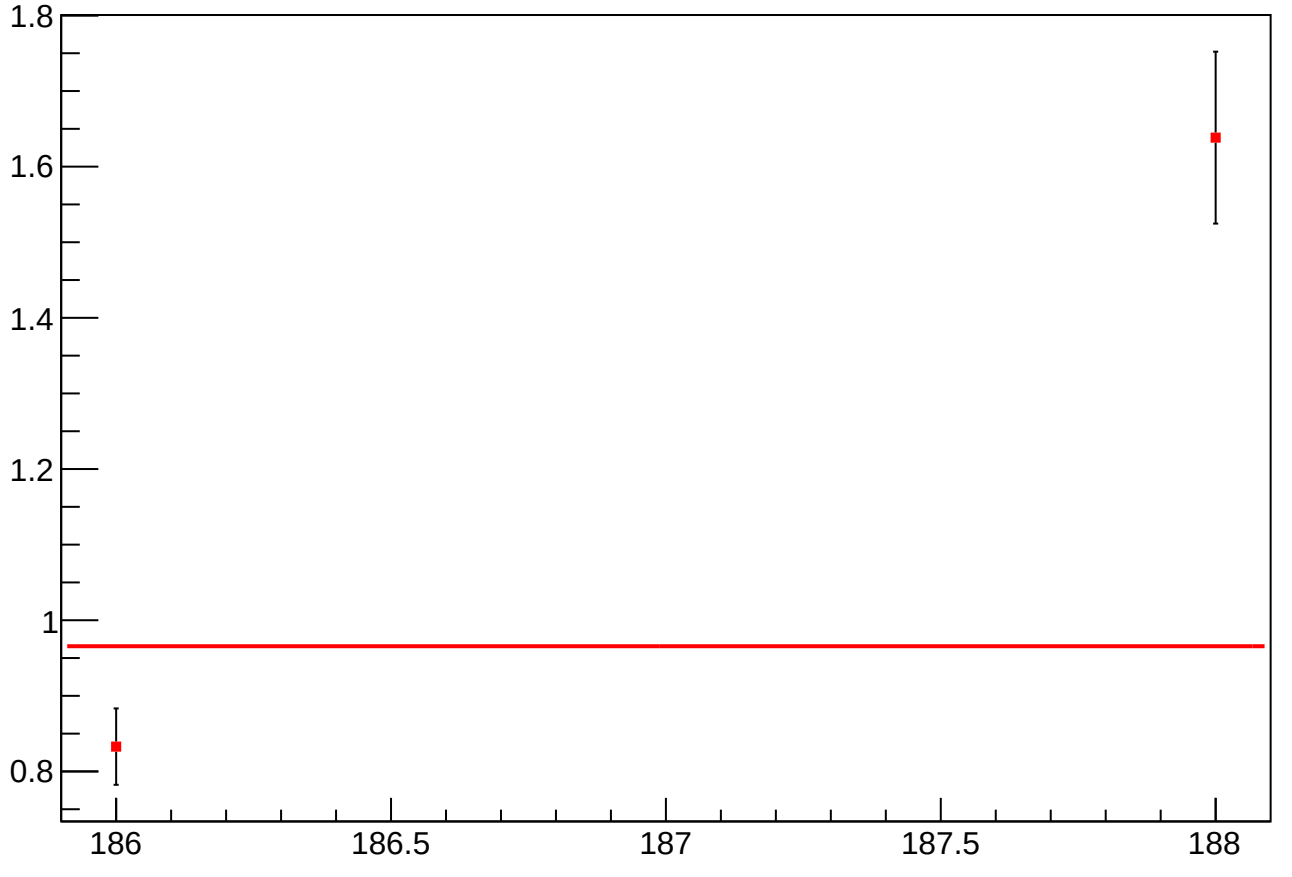
Right: -211.949+/-0.788 χ^2/NDF: 113.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -211.949+/-0.788 χ^2/NDF: 113.4/1

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.966+/-0.046 χ^2/NDF: 41.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

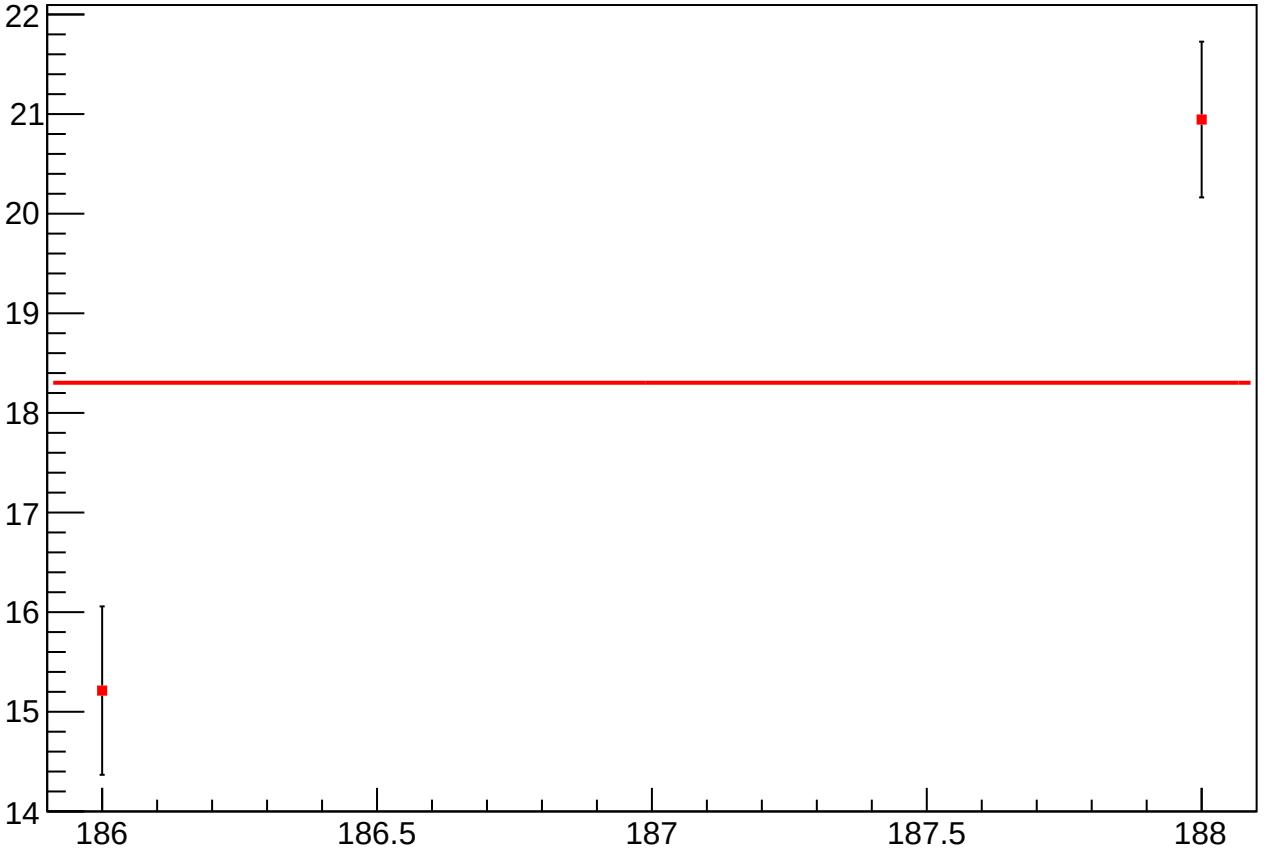
Right: 0.966+/-0.046 χ^2/NDF: 41.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.966+/-0.046 χ^2/NDF: 41.9/1

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.303+/-0.574 χ^2/NDF: 24.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

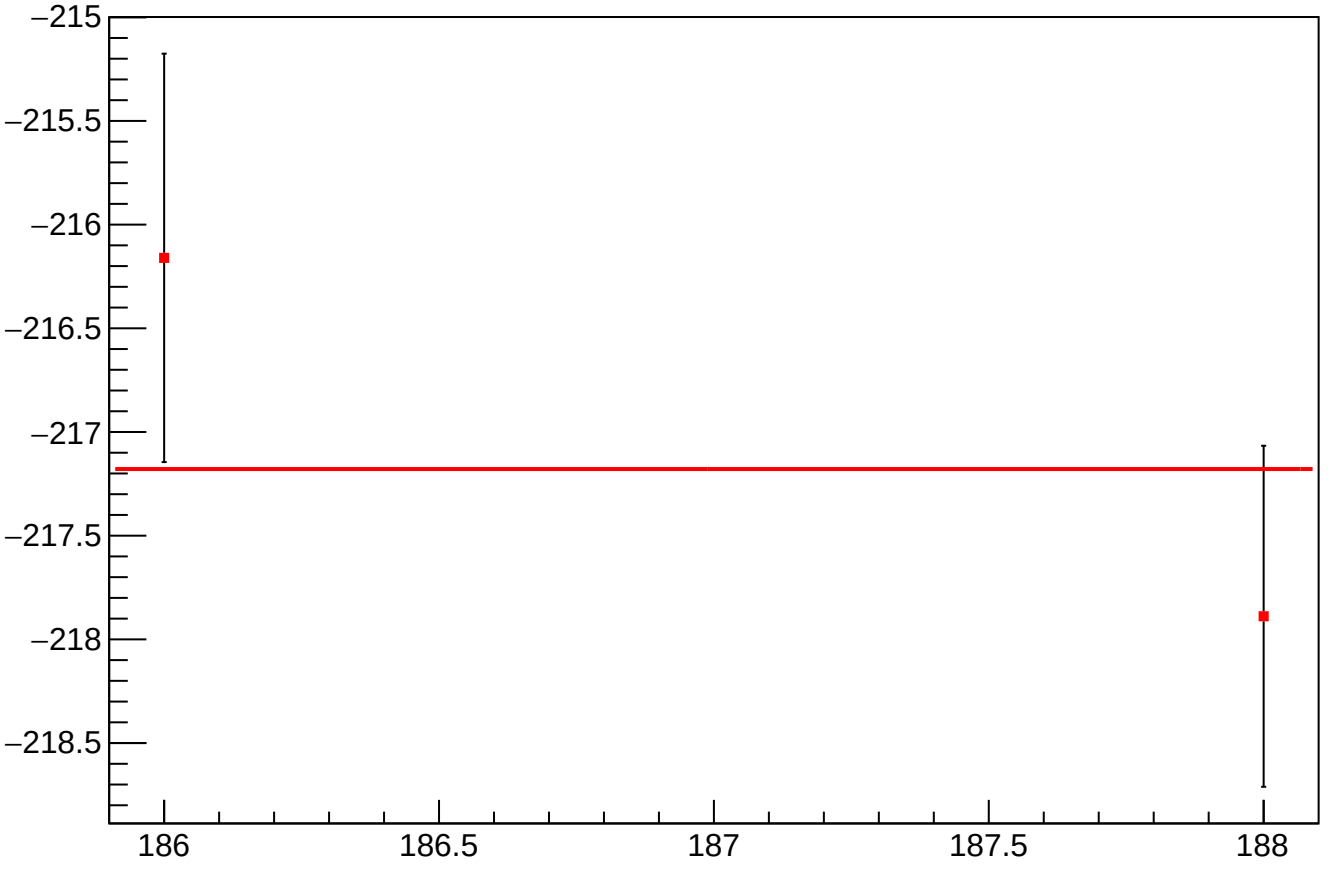
Right: 18.303+/-0.574 χ^2/NDF: 24.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.303+/-0.574 χ^2/NDF: 24.8/1

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -217.179+/-0.631 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

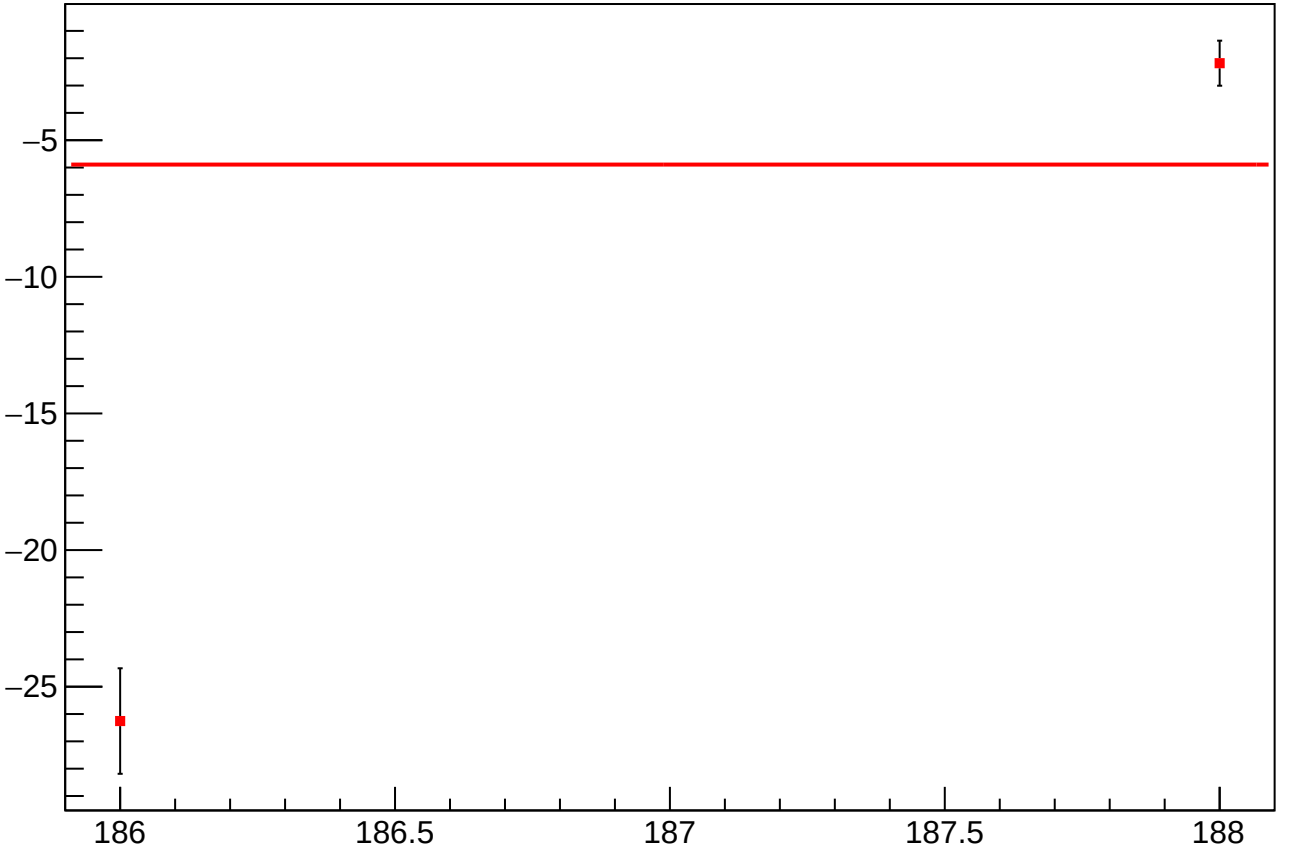
Right: -217.179+/-0.631 χ^2/NDF: 1.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -217.179+/-0.631 χ^2/NDF: 1.8/1

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.892+/-0.758 χ^2/NDF: 131.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

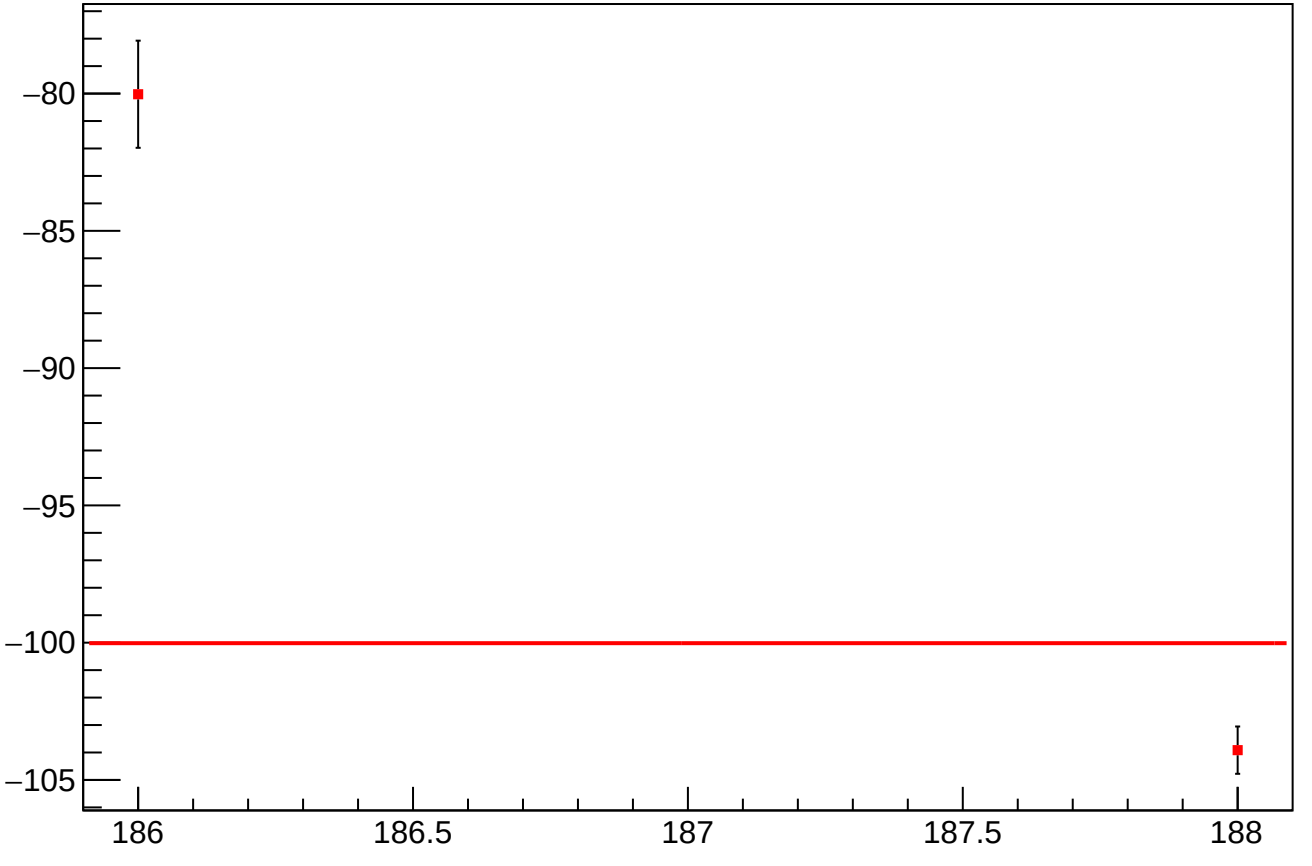
Right: -5.892+/-0.758 χ^2/NDF: 131.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.892+/-0.758 χ^2/NDF: 131.5/1

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -100.018+/-0.788 χ^2/NDF: 125.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

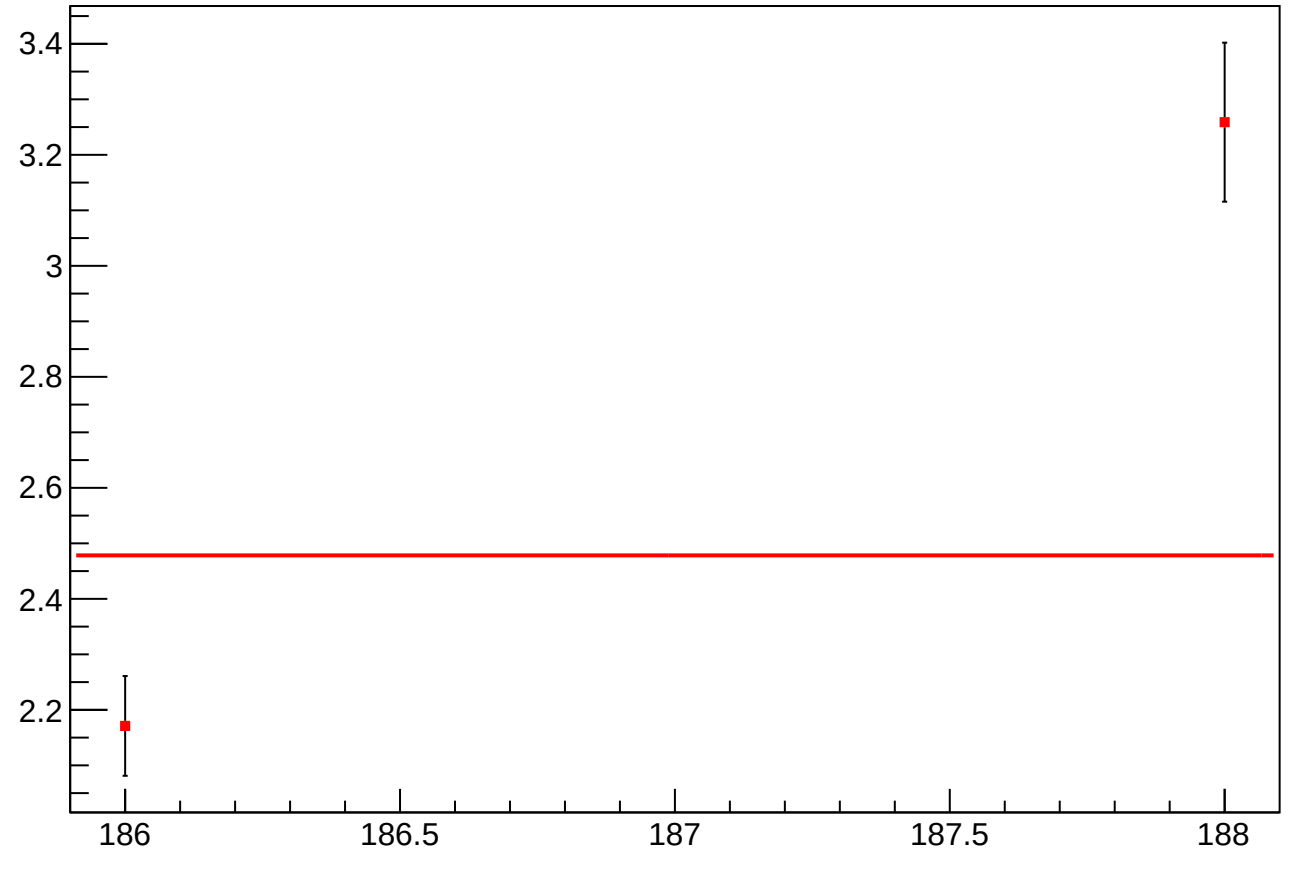
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -100.018+/-0.788 χ^2/NDF: 125.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -100.018+/-0.788 χ^2/NDF: 125.5/1



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.478+/-0.076 χ^2/NDF: 41.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

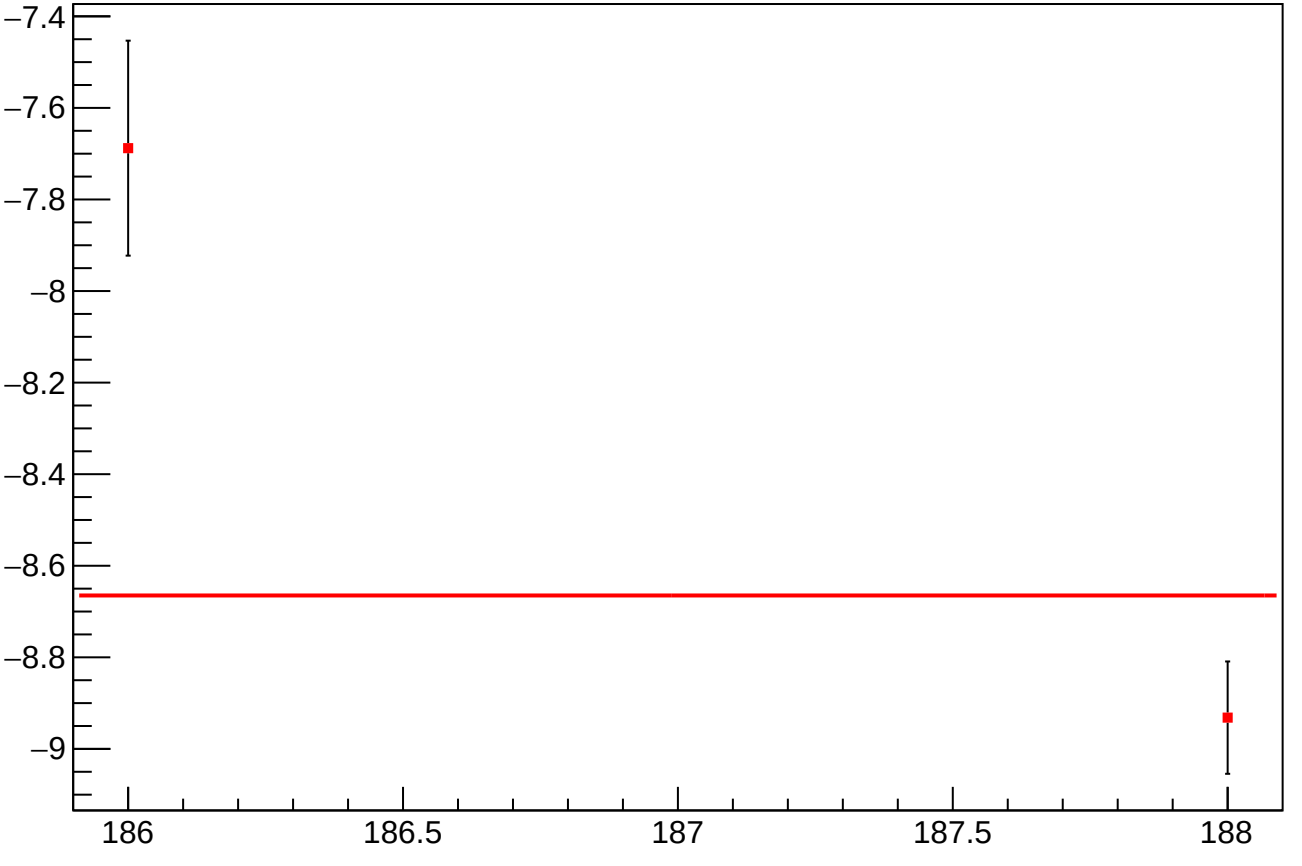
Right: 2.478+/-0.076 χ^2/NDF: 41.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.478+/-0.076 χ^2/NDF: 41.4/1

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.665+/-0.109 χ^2/NDF: 22.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

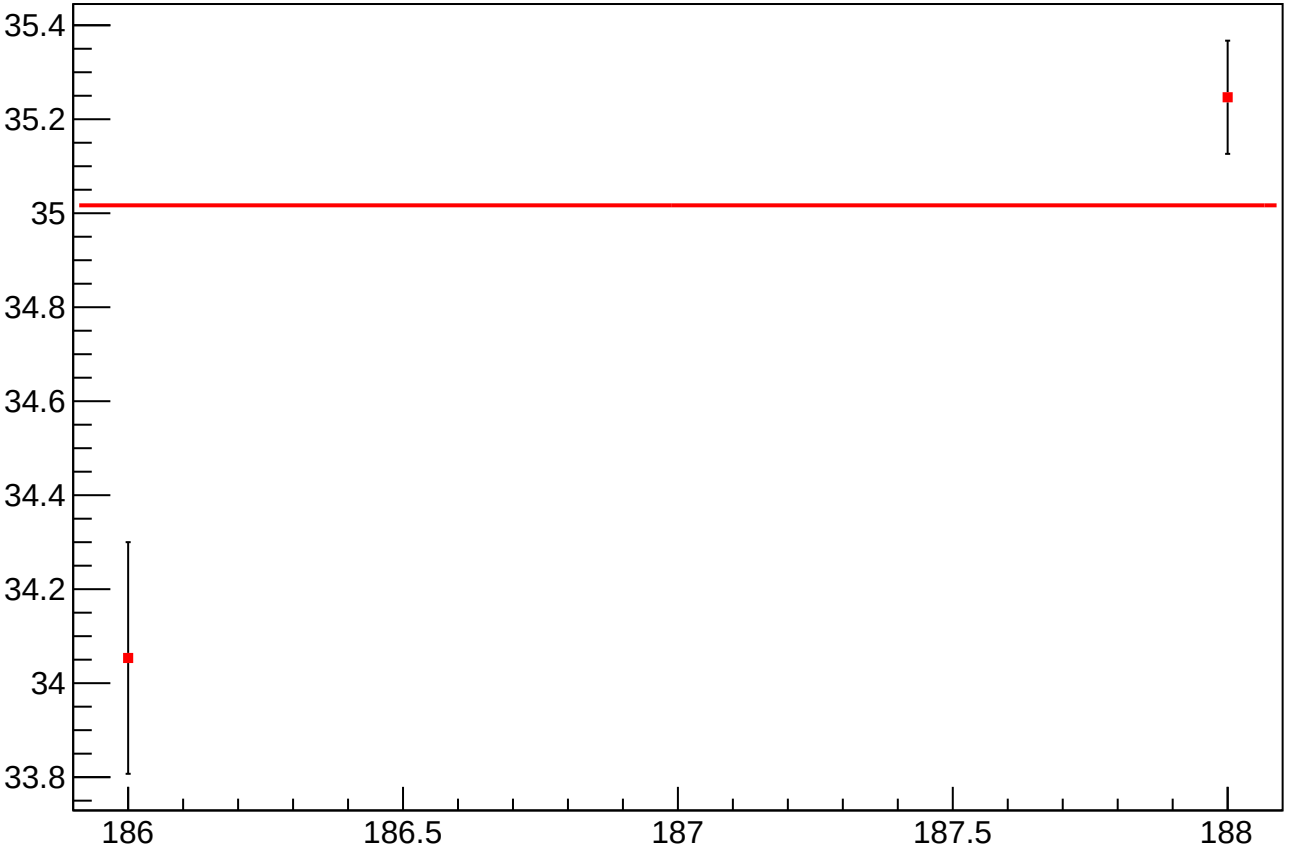
Right: -8.665+/-0.109 χ^2/NDF: 22.0/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.665+/-0.109 χ^2/NDF: 22.0/1

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 35.017+/-0.108 χ^2/NDF: 18.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

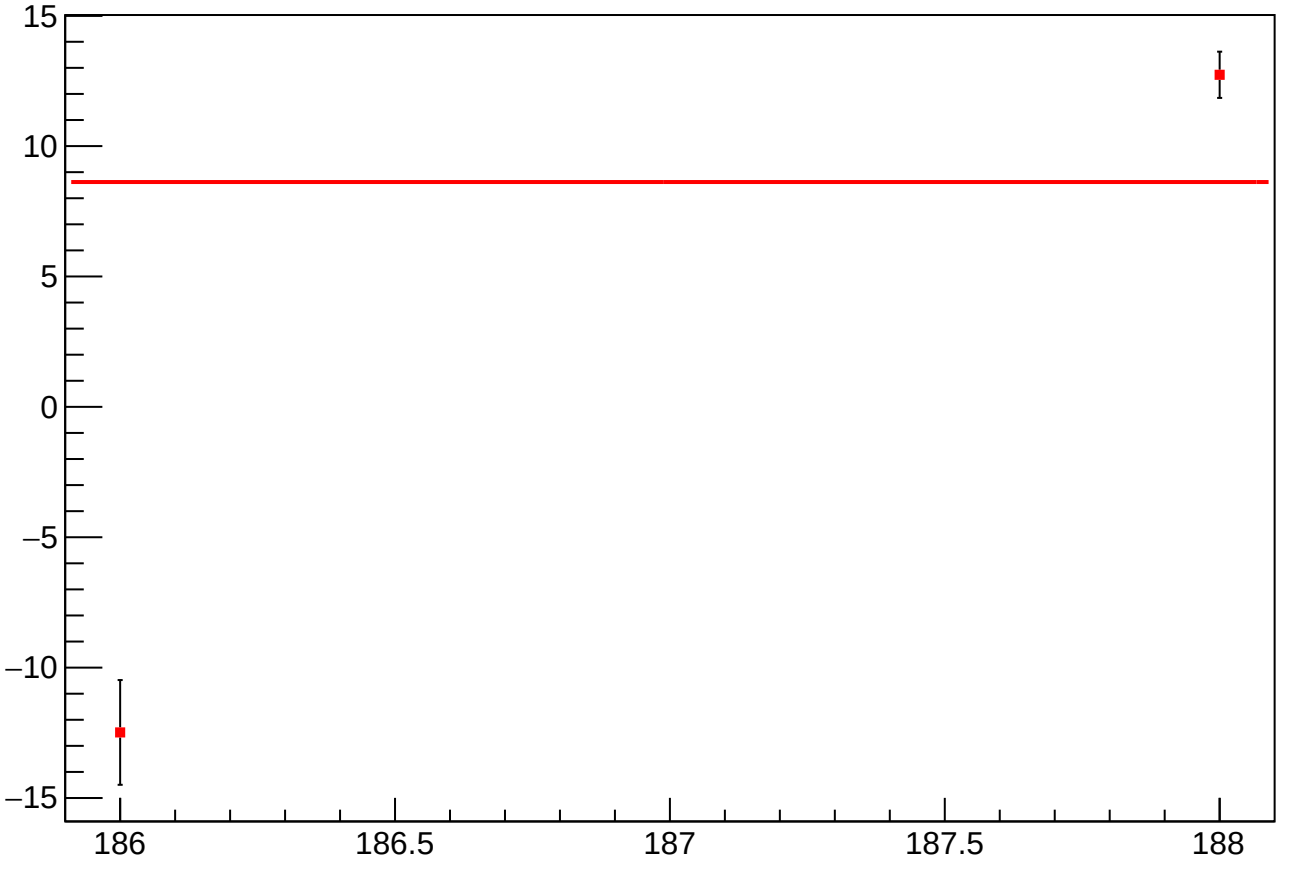
Right: 35.017+/-0.108 χ^2/NDF: 18.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 35.017+/-0.108 χ^2/NDF: 18.9/1

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.622+/-0.811 χ^2/NDF: 131.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

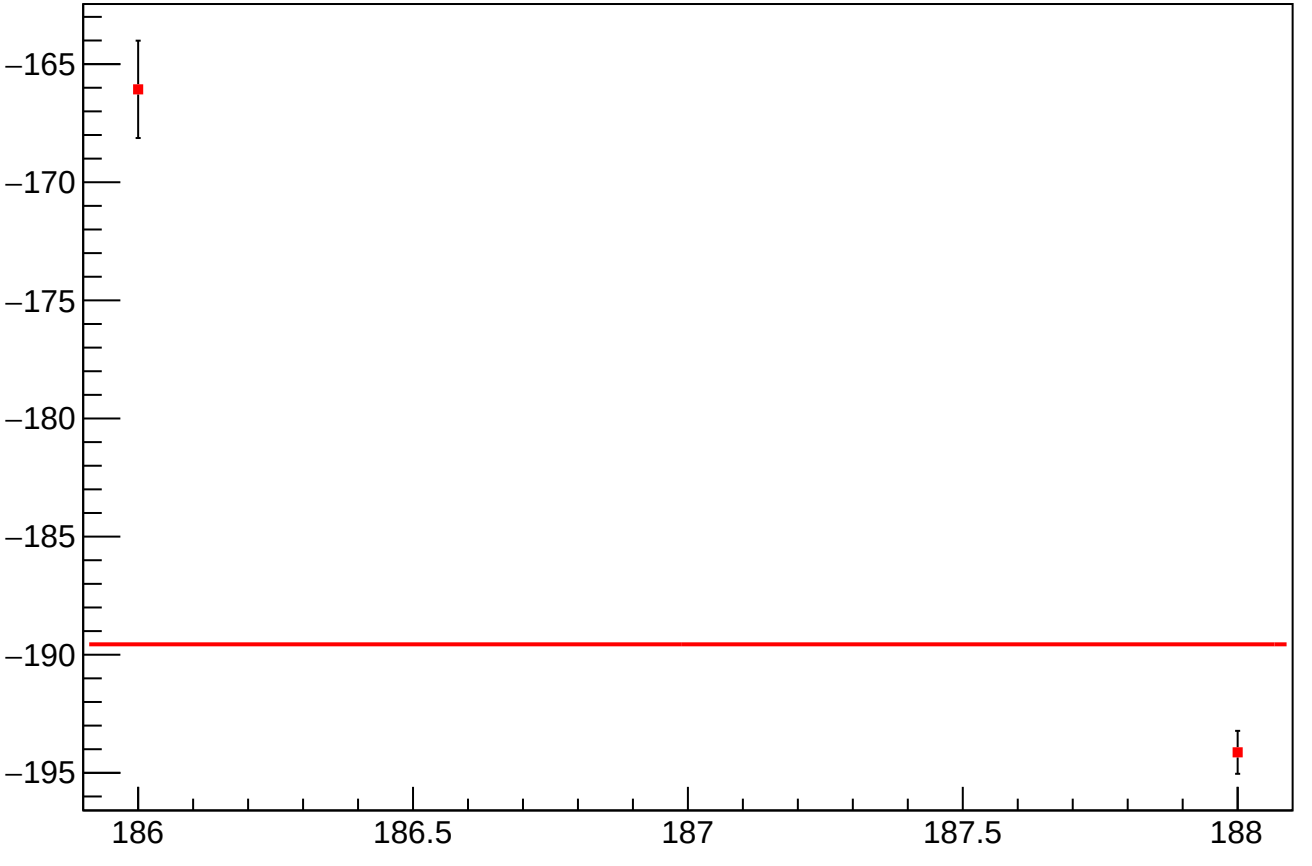
Right: 8.622+/-0.811 χ^2/NDF: 131.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.622+/-0.811 χ^2/NDF: 131.9/1

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -189.560+/-0.832 χ^2/NDF: 155.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

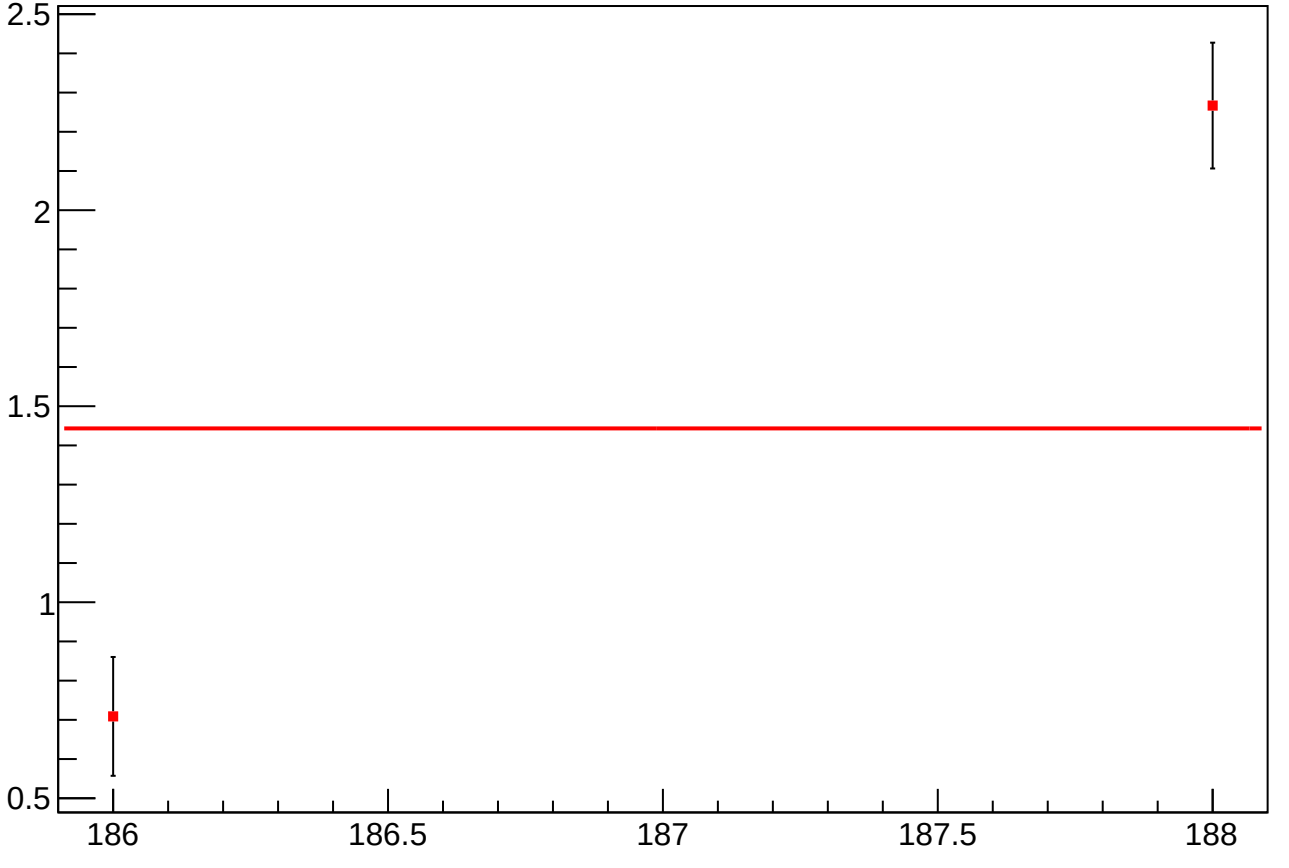
Right: -189.560+/-0.832 χ^2/NDF: 155.3/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -189.560+/-0.832 χ^2/NDF: 155.3/1

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.443+/-0.110 χ^2/NDF: 49.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

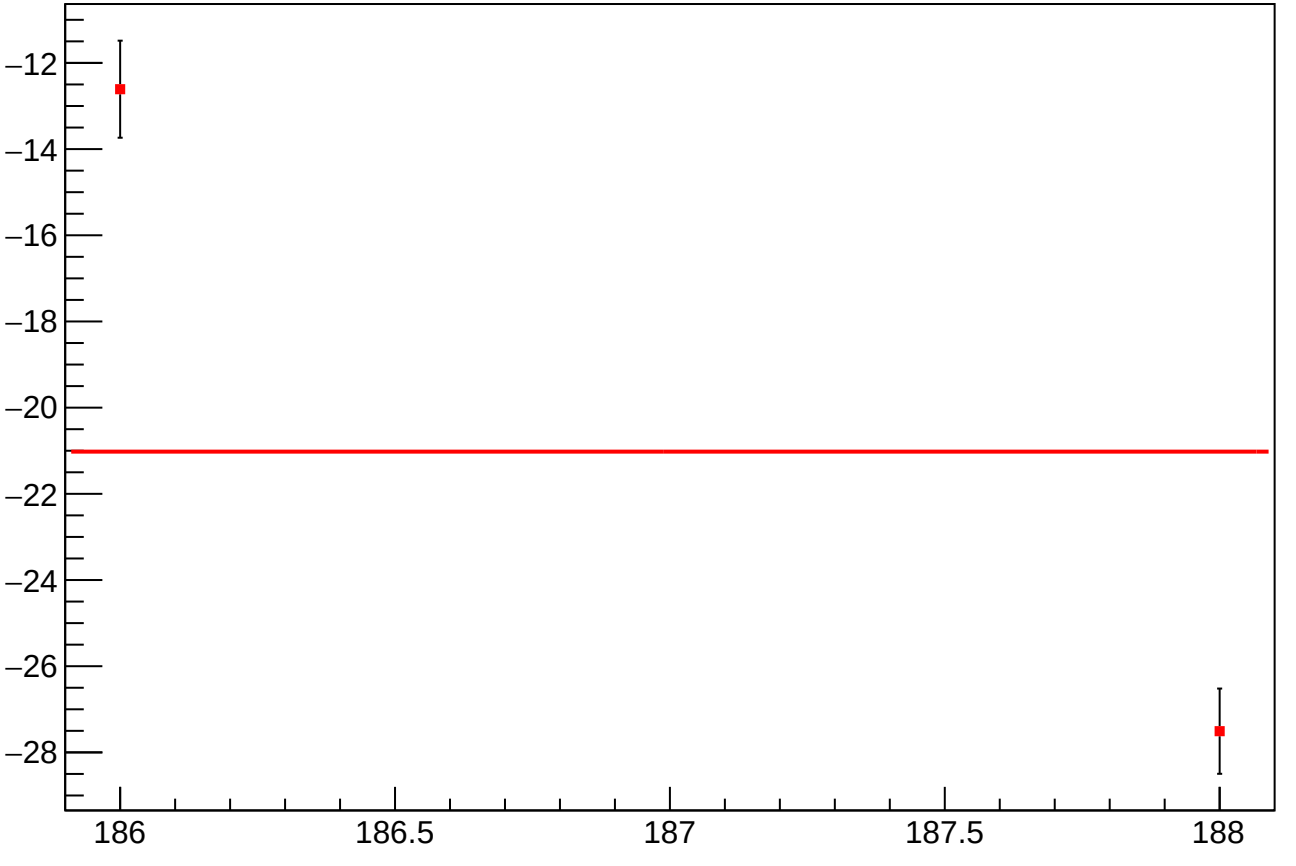
Right: 1.443+/-0.110 χ^2/NDF: 49.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.443+/-0.110 χ^2/NDF: 49.8/1

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21.021+/-0.743 χ^2/NDF: 98.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

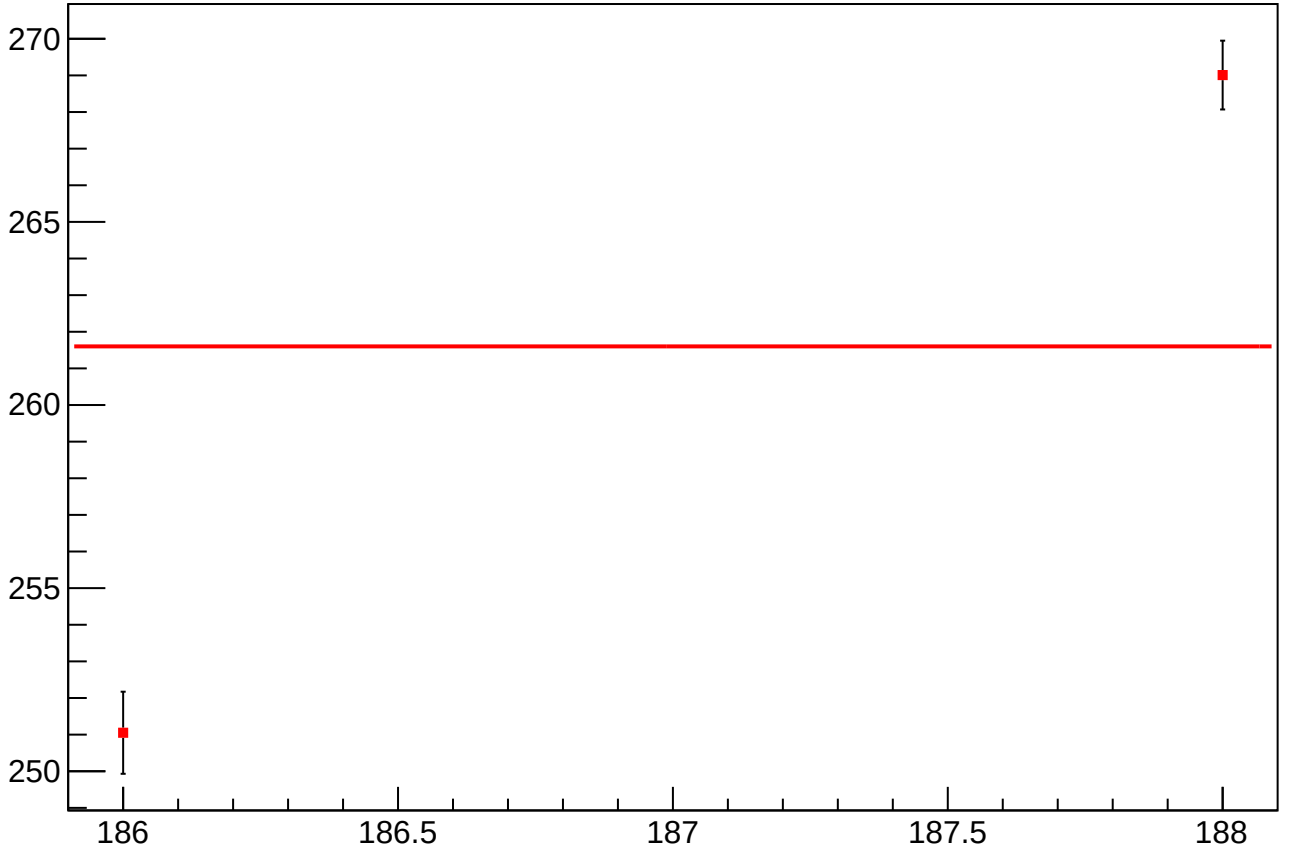
Right: -21.021+/-0.743 χ^2/NDF: 98.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -21.021+/-0.743 χ^2/NDF: 98.8/1

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 261.601+/-0.720 χ^2/NDF: 150.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

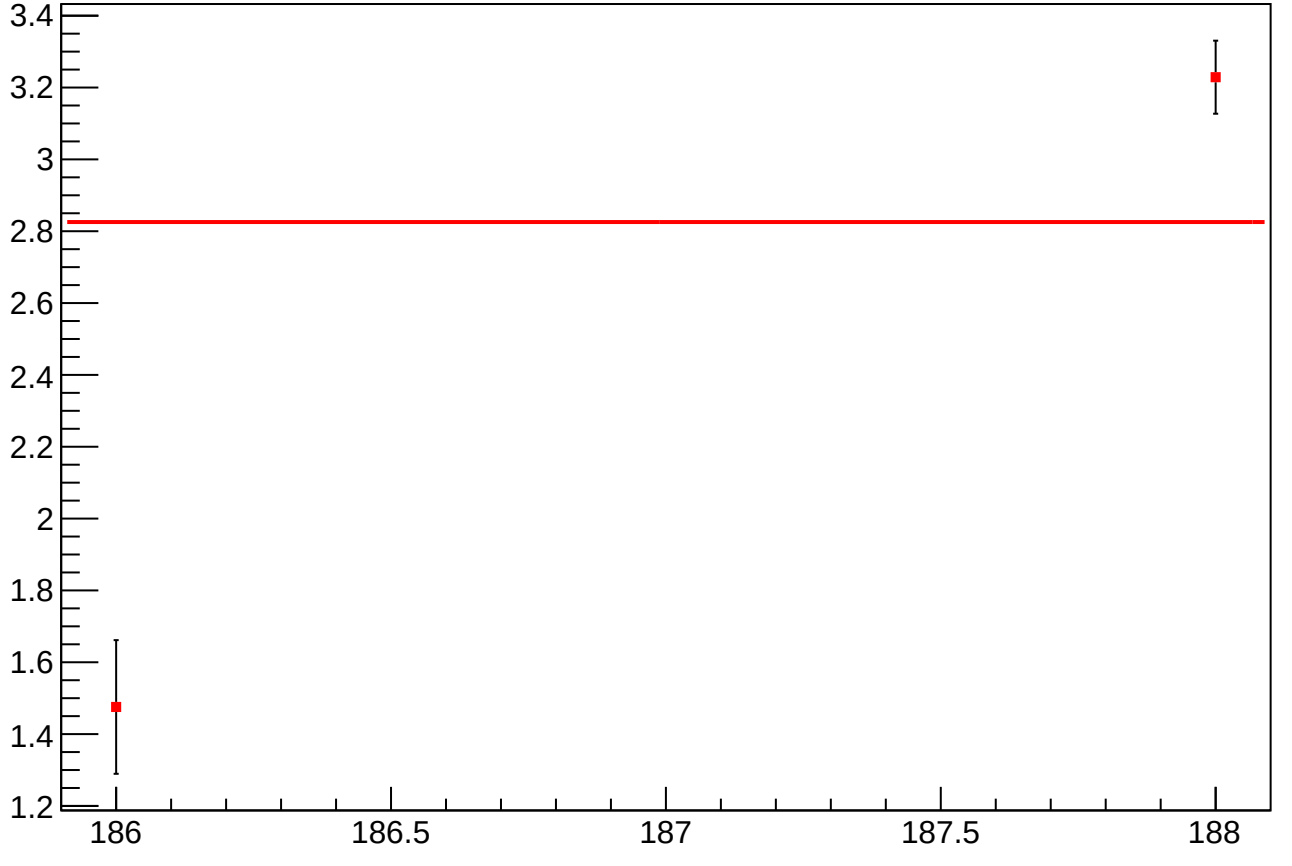
Right: 261.601+/-0.720 χ^2/NDF: 150.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 261.601+/-0.720 χ^2/NDF: 150.8/1

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.826+/-0.089 χ^2/NDF: 68.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

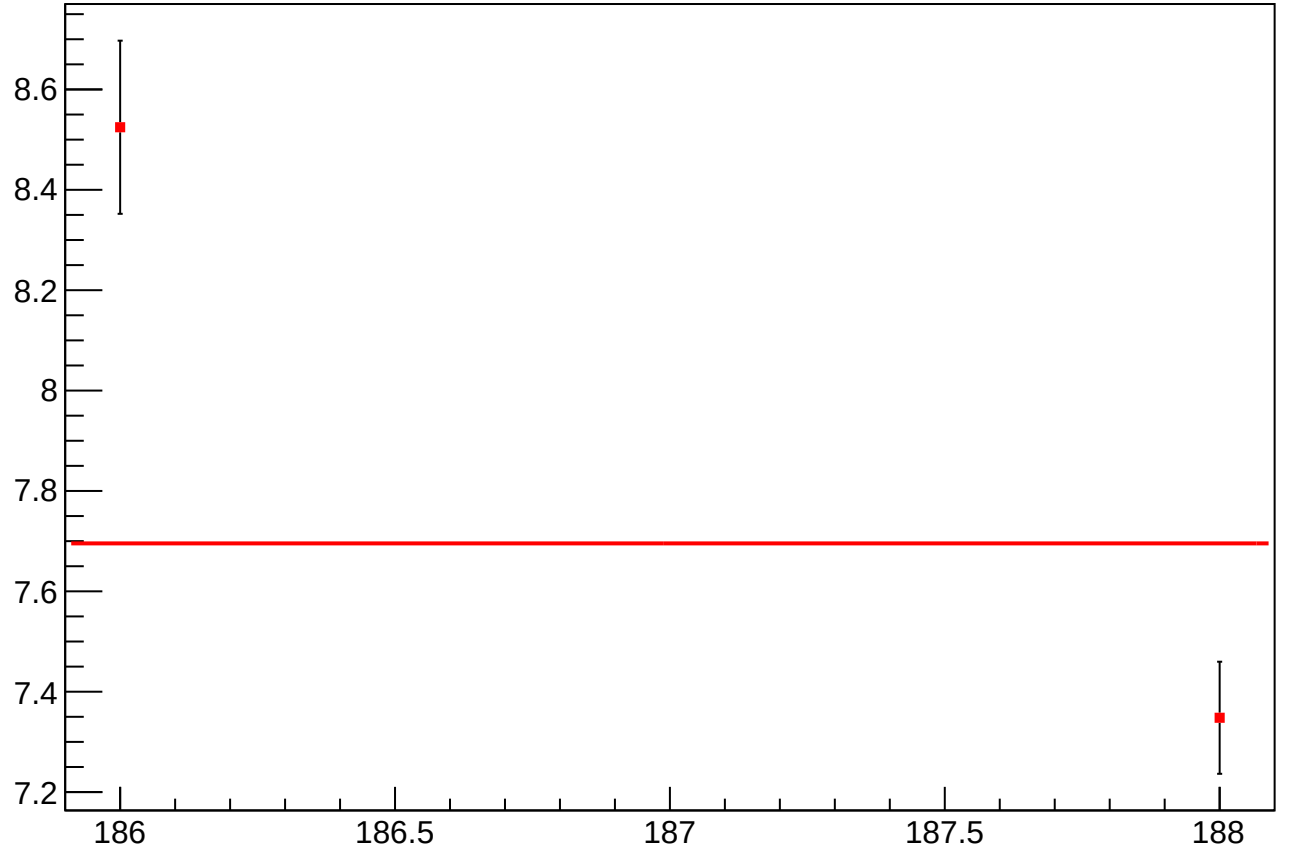
Right: 2.826+/-0.089 χ^2/NDF: 68.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.826+/-0.089 χ^2/NDF: 68.4/1

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.696+/-0.094 χ^2/NDF: 32.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

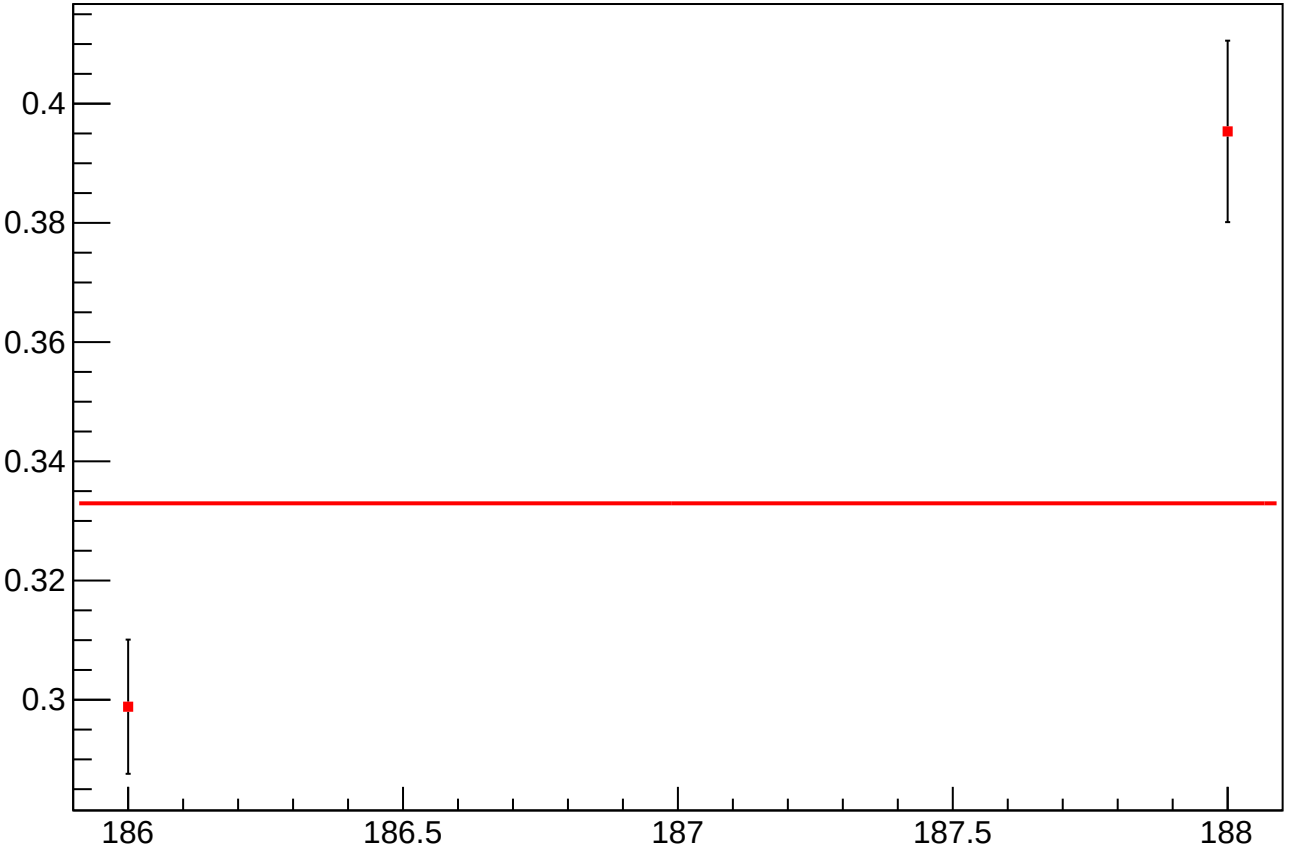
Right: 7.696+/-0.094 χ^2/NDF: 32.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.696+/-0.094 χ^2/NDF: 32.8/1

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.333+/-0.009 χ^2/NDF: 26.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

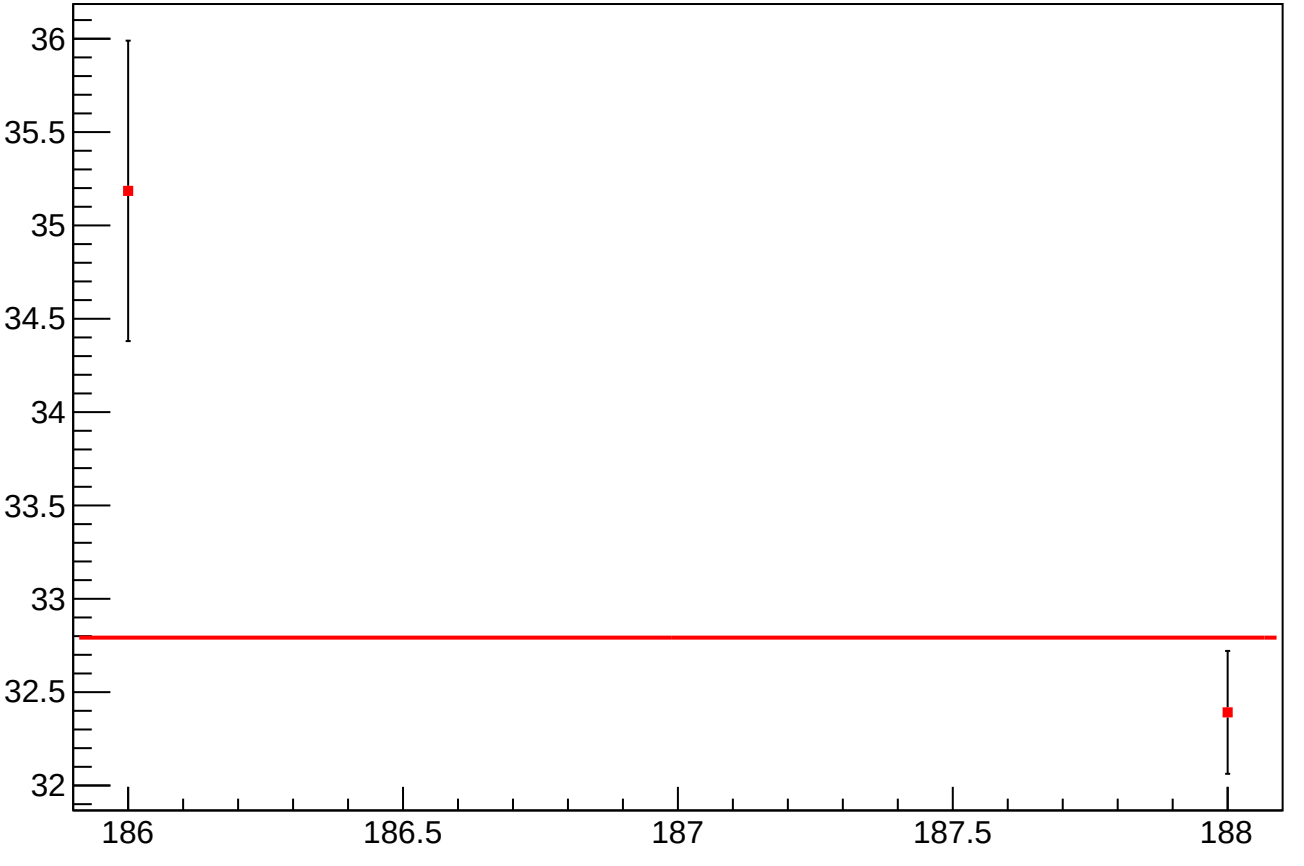
Right: 0.333+/-0.009 χ^2/NDF: 26.0/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.333+/-0.009 χ^2/NDF: 26.0/1

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.792+/-0.305 χ^2/NDF: 10.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

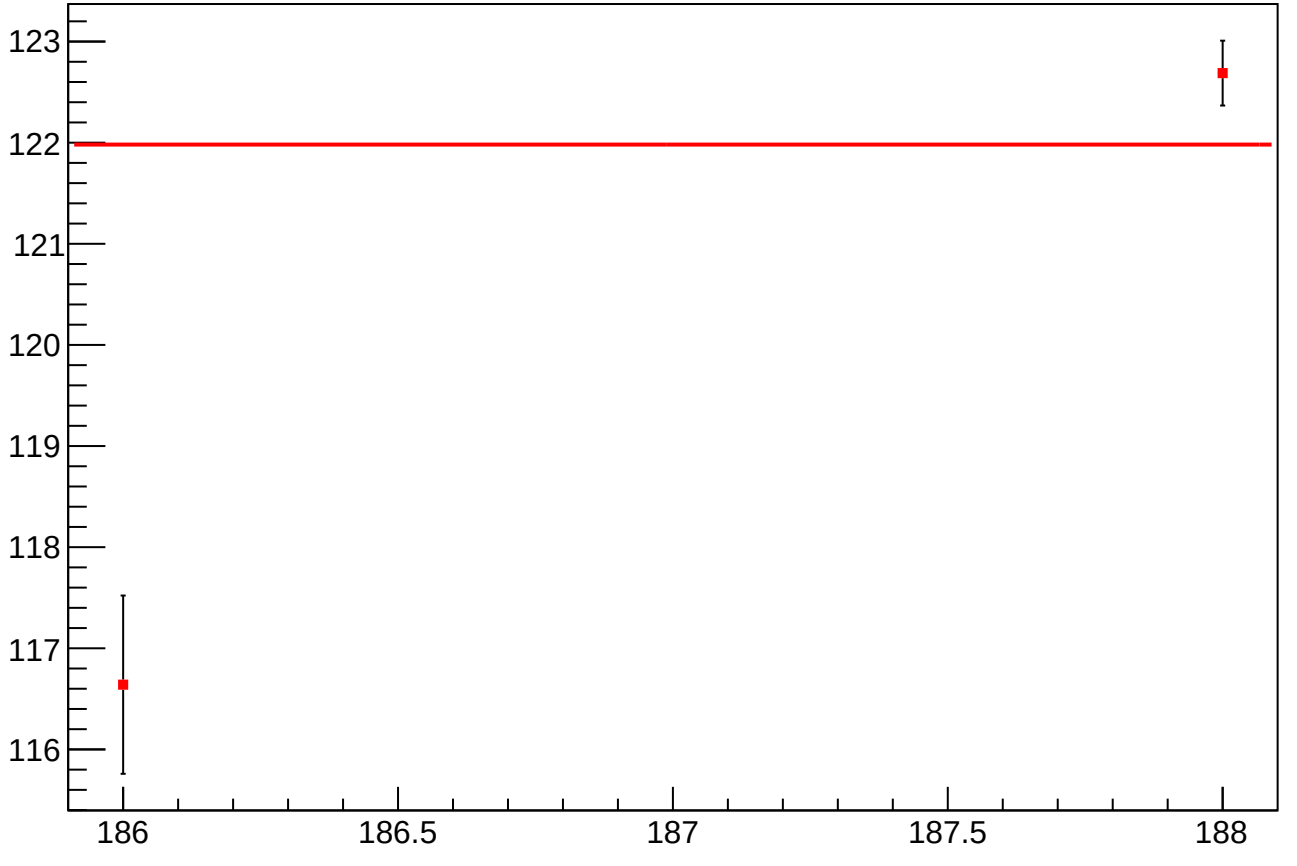
Right: 32.792+/-0.305 χ^2/NDF: 10.3/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 32.792+/-0.305 χ^2/NDF: 10.3/1

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 121.981+/-0.301 χ^2/NDF: 41.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

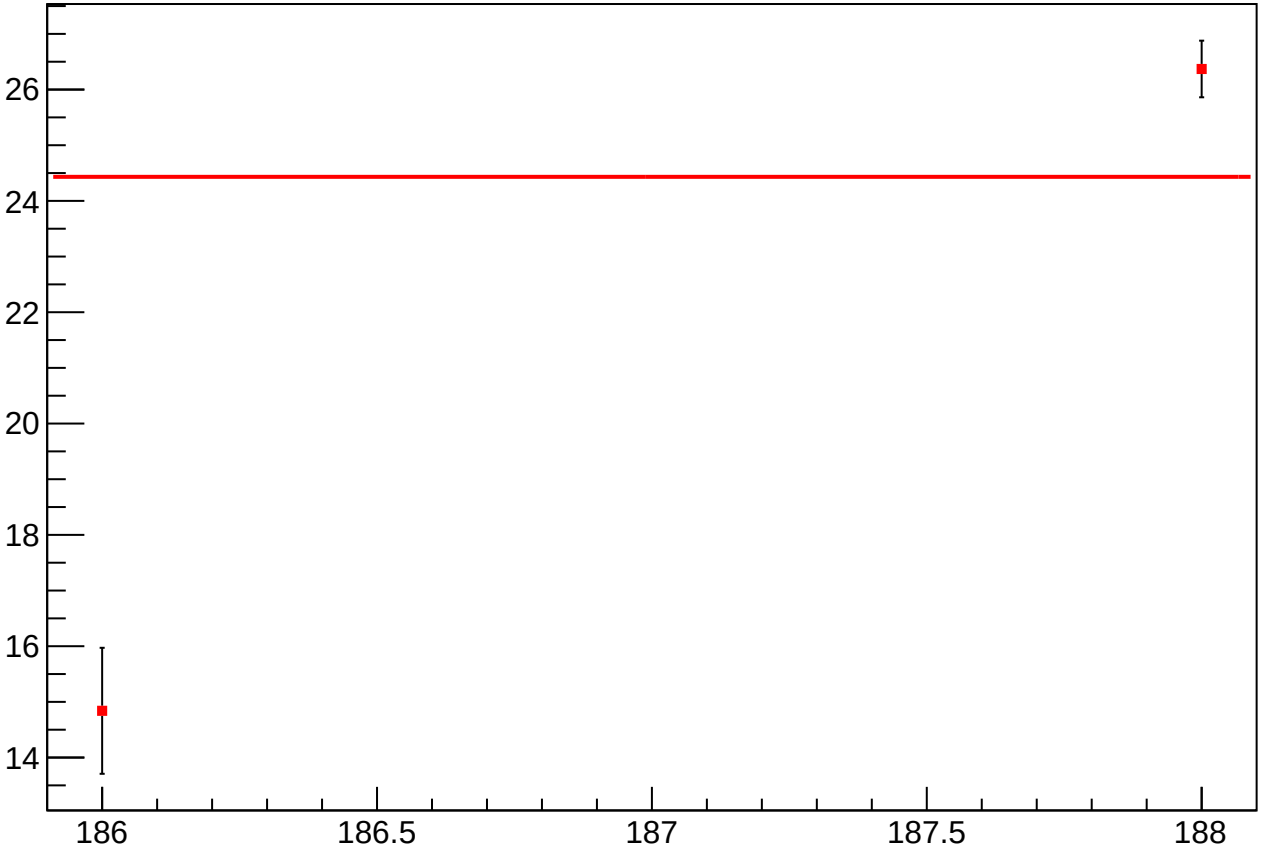
Right: 121.981+/-0.301 χ^2/NDF: 41.6/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 121.981+/-0.301 χ^2/NDF: 41.6/1

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 24.432+/-0.464 χ^2/NDF: 86.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

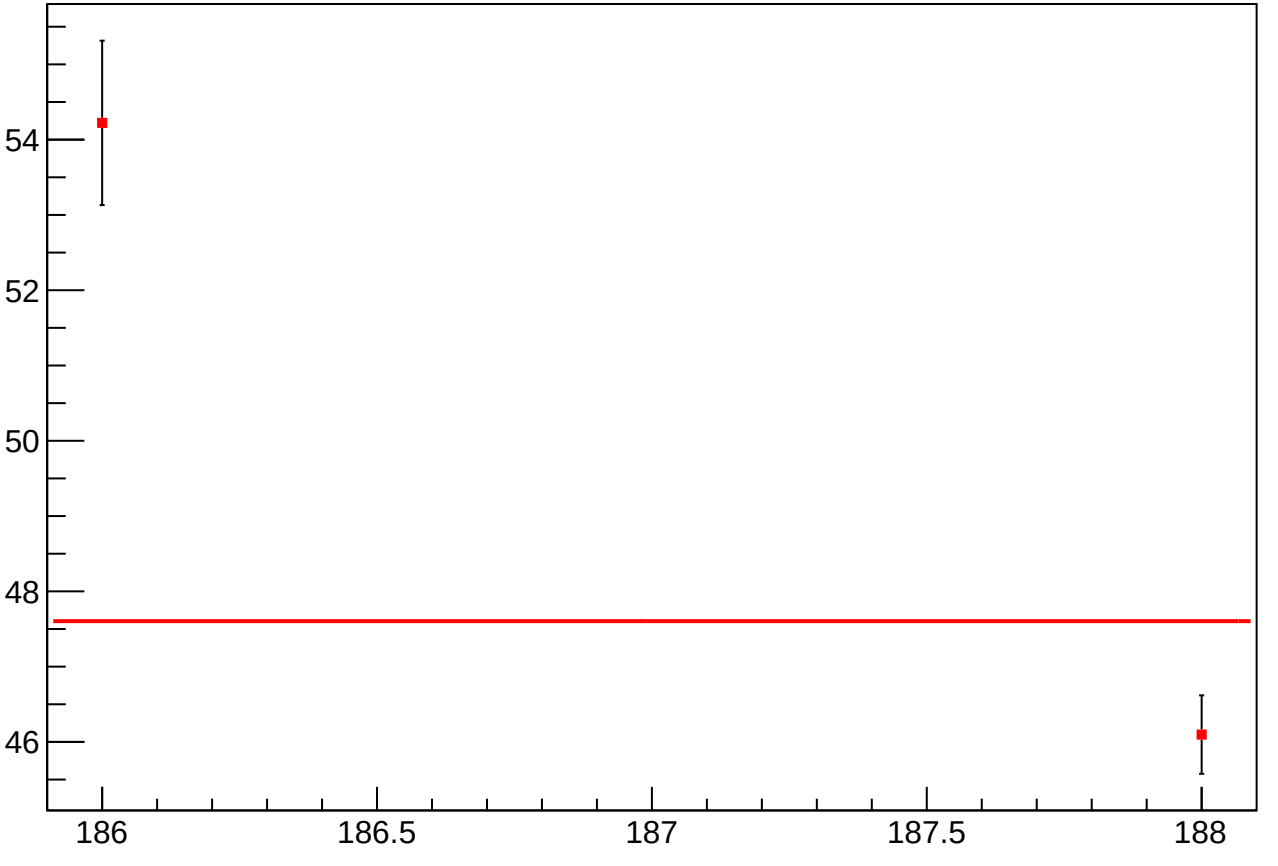
Right: 24.432+/-0.464 χ^2/NDF: 86.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 24.432+/-0.464 χ^2/NDF: 86.4/1

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 47.604+/-0.470 χ^2/NDF: 45.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

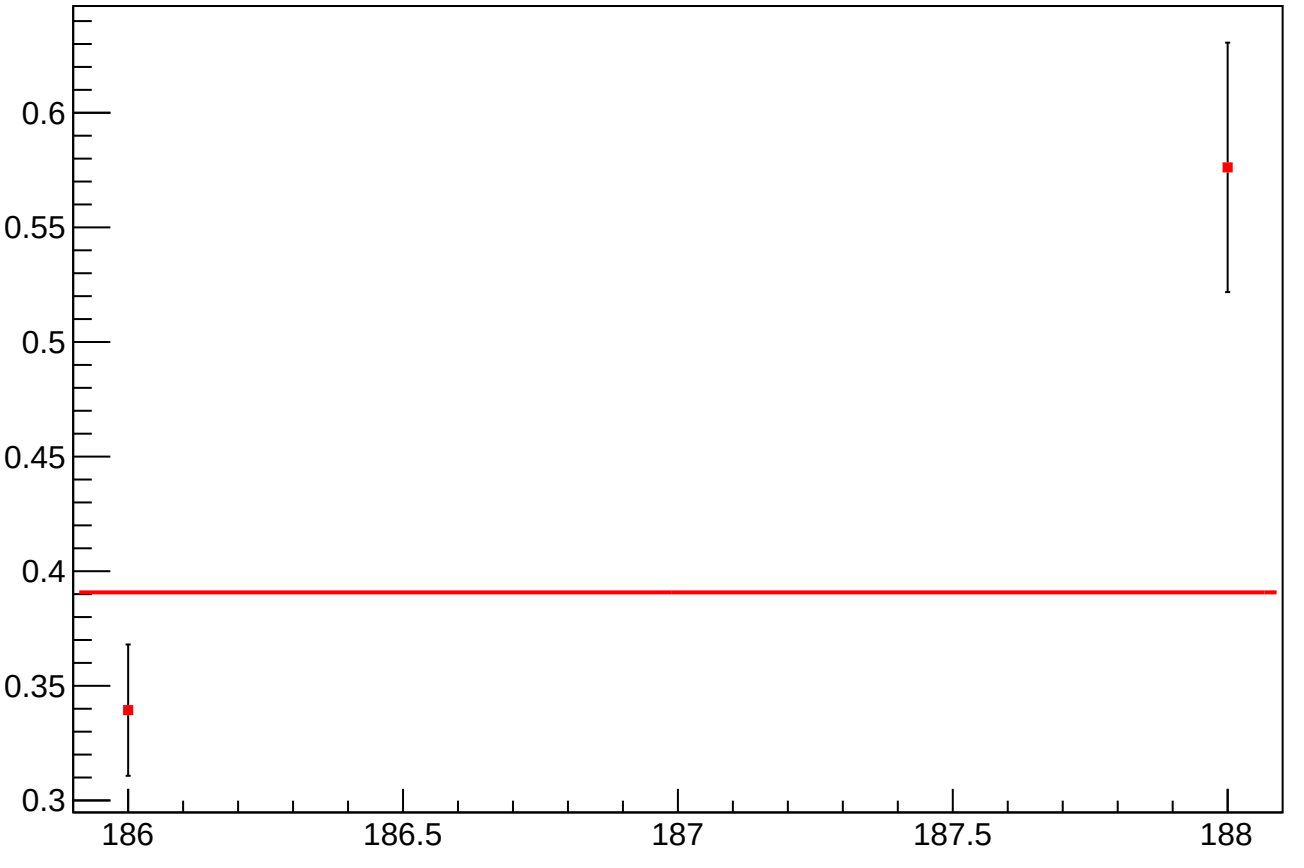
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 47.604+/-0.470 χ^2/NDF: 45.1/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 47.604+/-0.470 χ^2/NDF: 45.1/1



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.391+/-0.025 χ^2/NDF: 14.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

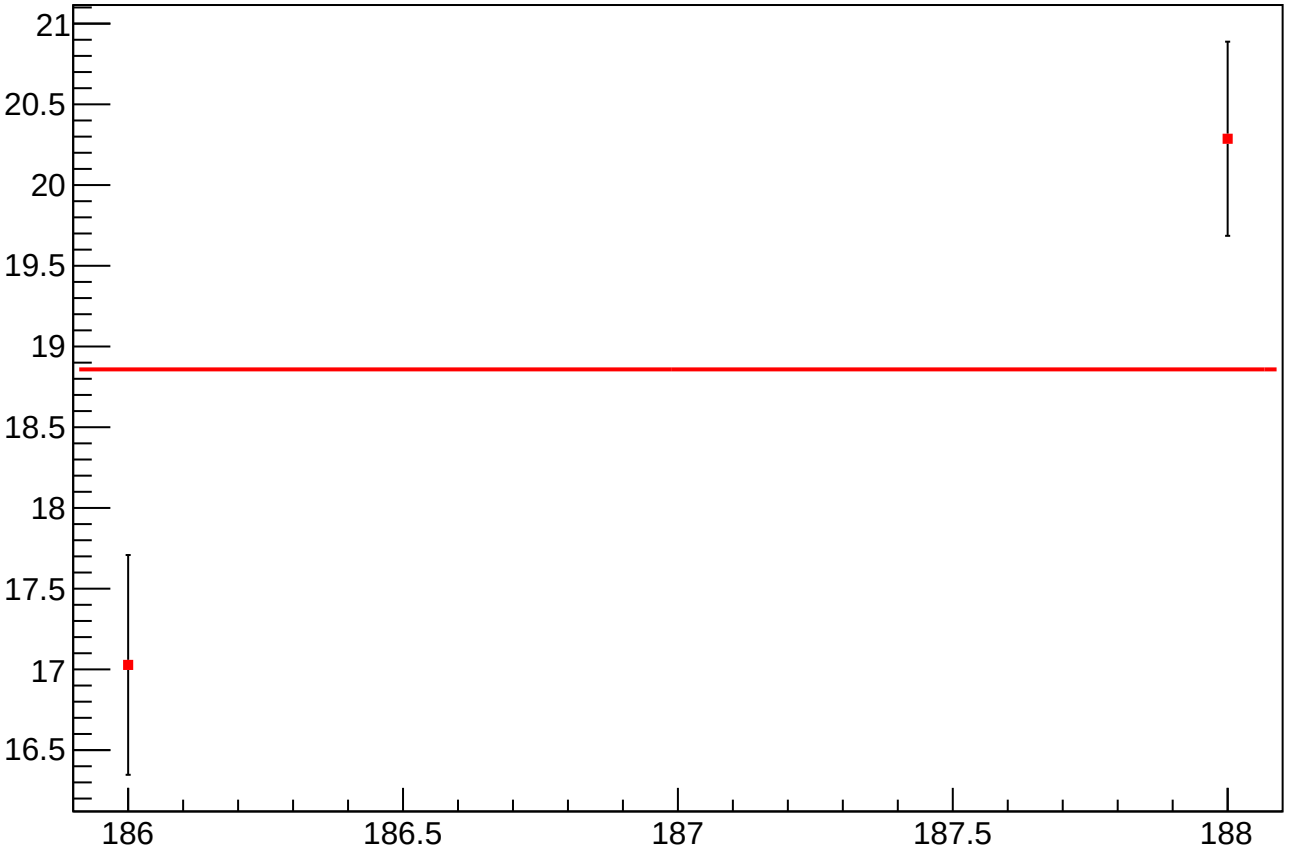
Right: 0.391+/-0.025 χ^2/NDF: 14.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.391+/-0.025 χ^2/NDF: 14.8/1

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.858+/-0.451 χ^2/NDF: 12.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

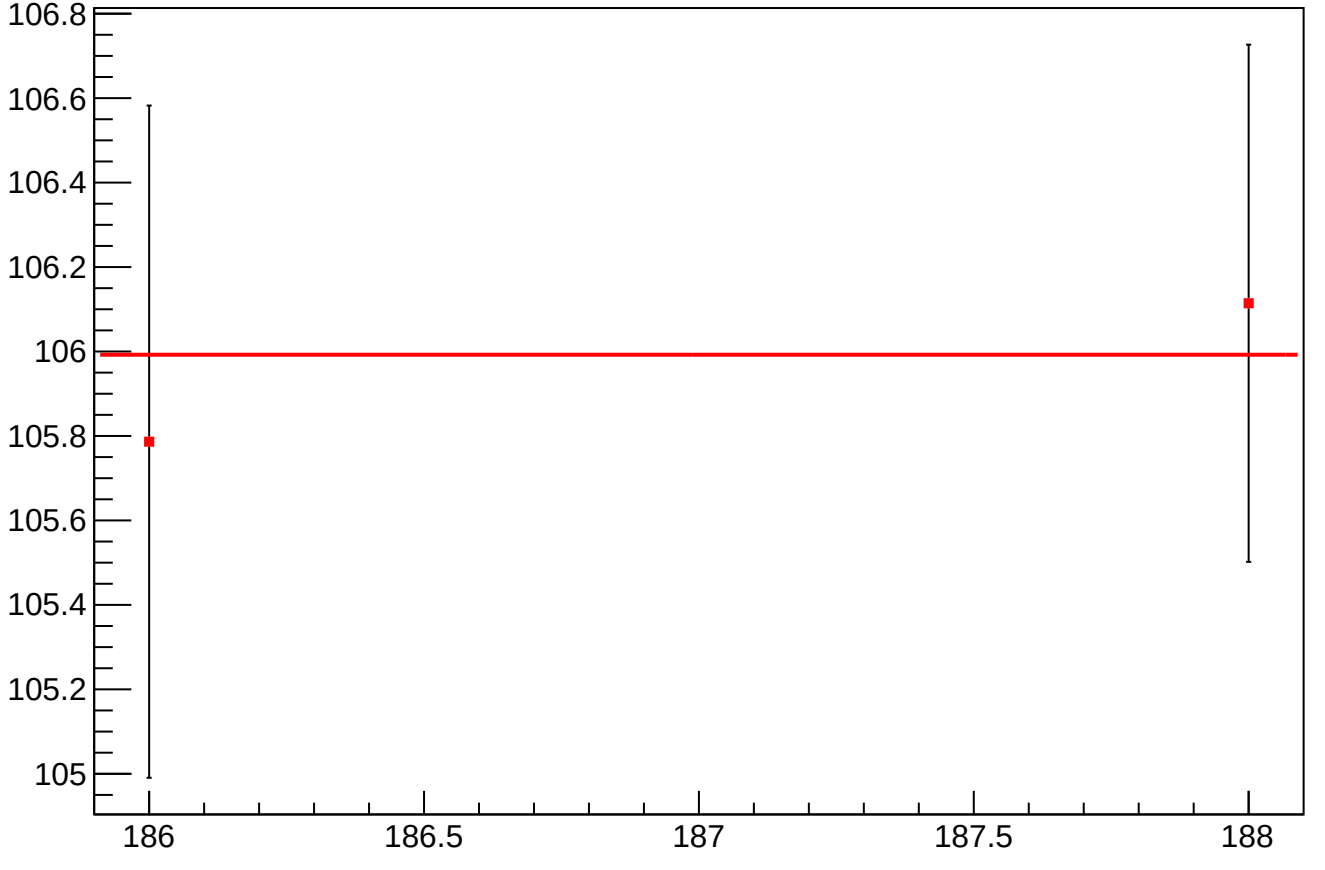
Right: 18.858+/-0.451 χ^2/NDF: 12.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.858+/-0.451 χ^2/NDF: 12.9/1

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 105.992+/-0.485 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

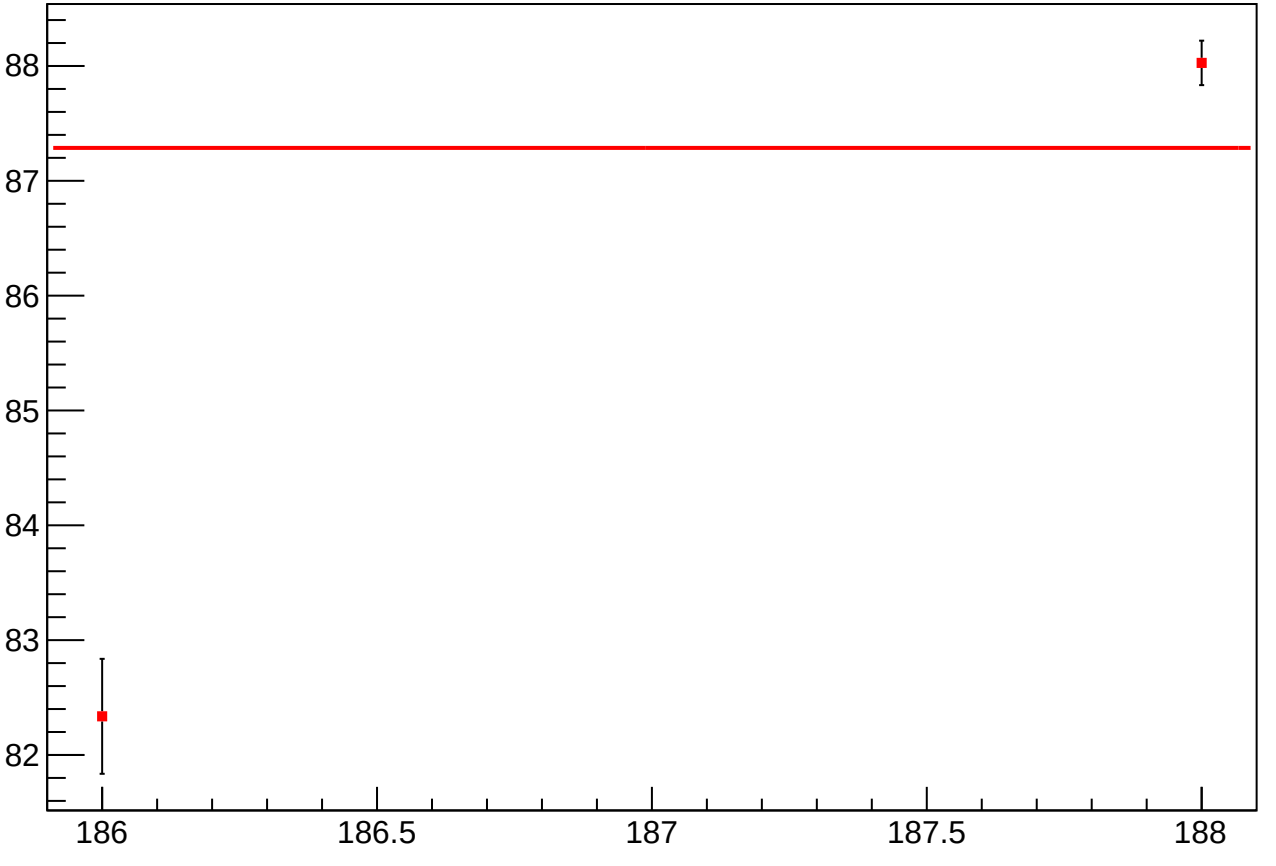
Right: 105.992+/-0.485 χ^2/NDF: 0.1/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 105.992+/-0.485 χ^2/NDF: 0.1/1

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 87.287+/-0.181 χ^2/NDF: 112.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

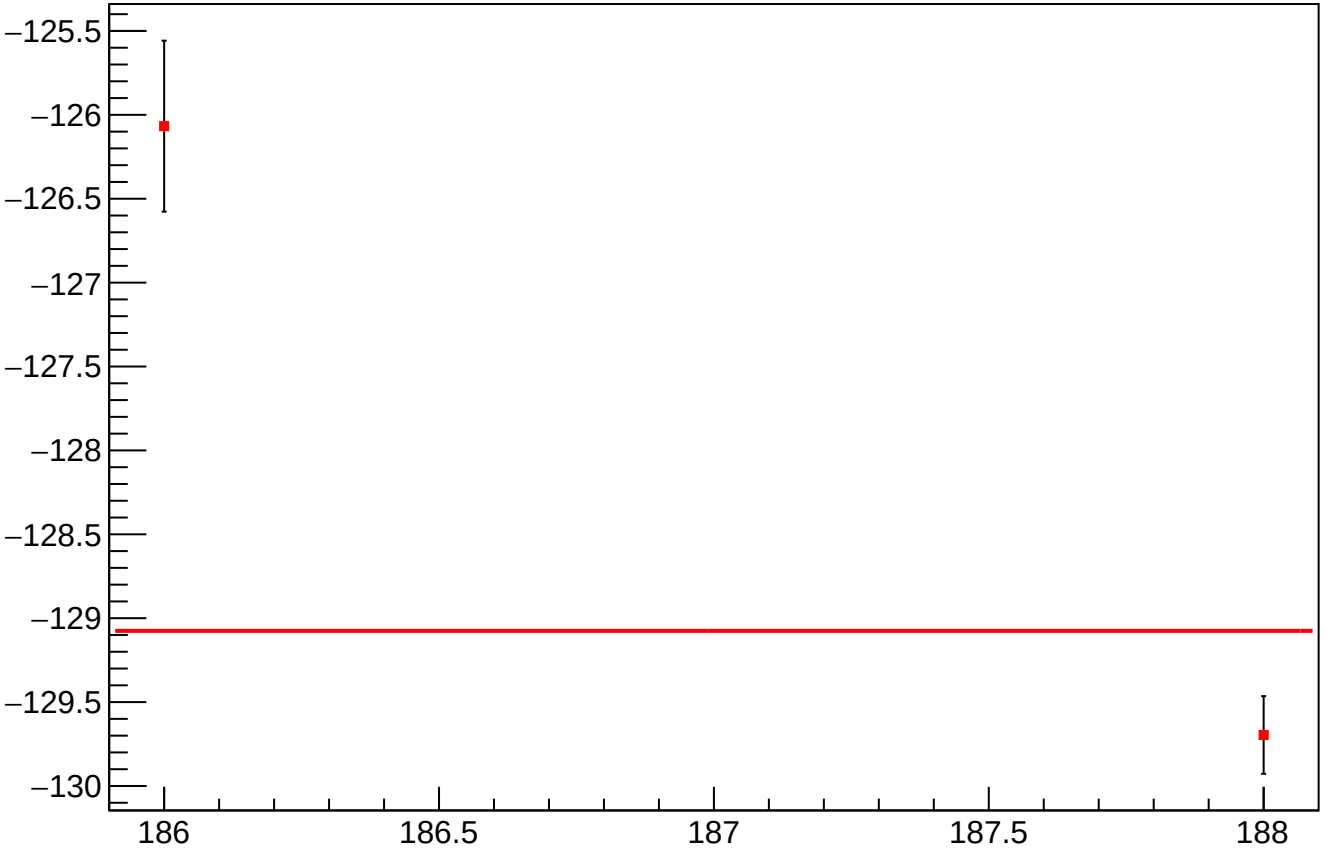
Right: 87.287+/-0.181 χ^2/NDF: 112.4/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 87.287+/-0.181 χ^2/NDF: 112.4/1

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -129.075+/-0.211 χ^2/NDF: 42.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

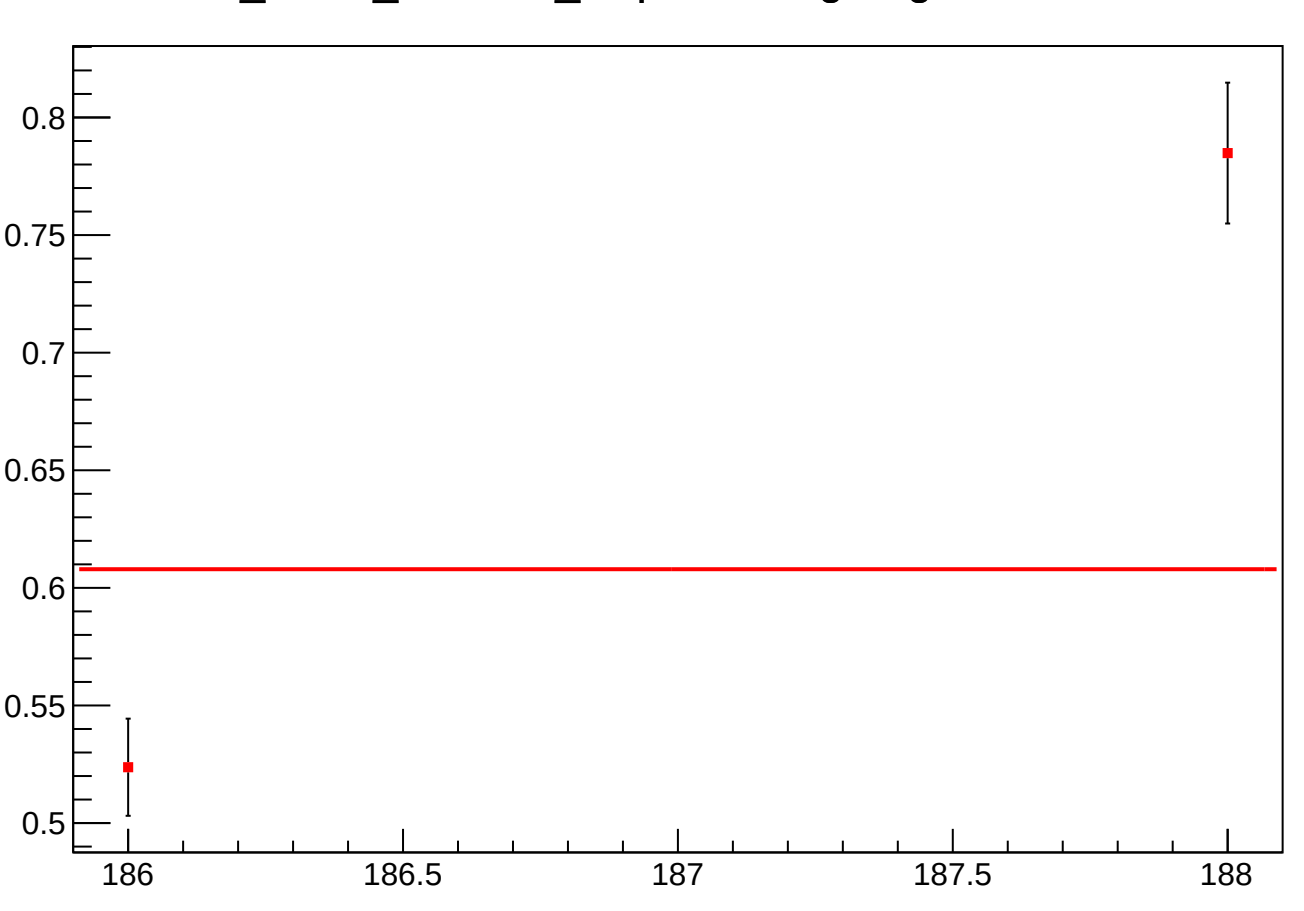
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -129.075+/-0.211 χ^2/NDF: 42.0/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -129.075+/-0.211 χ^2/NDF: 42.0/1



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.608+/-0.017 χ^2/NDF: 51.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

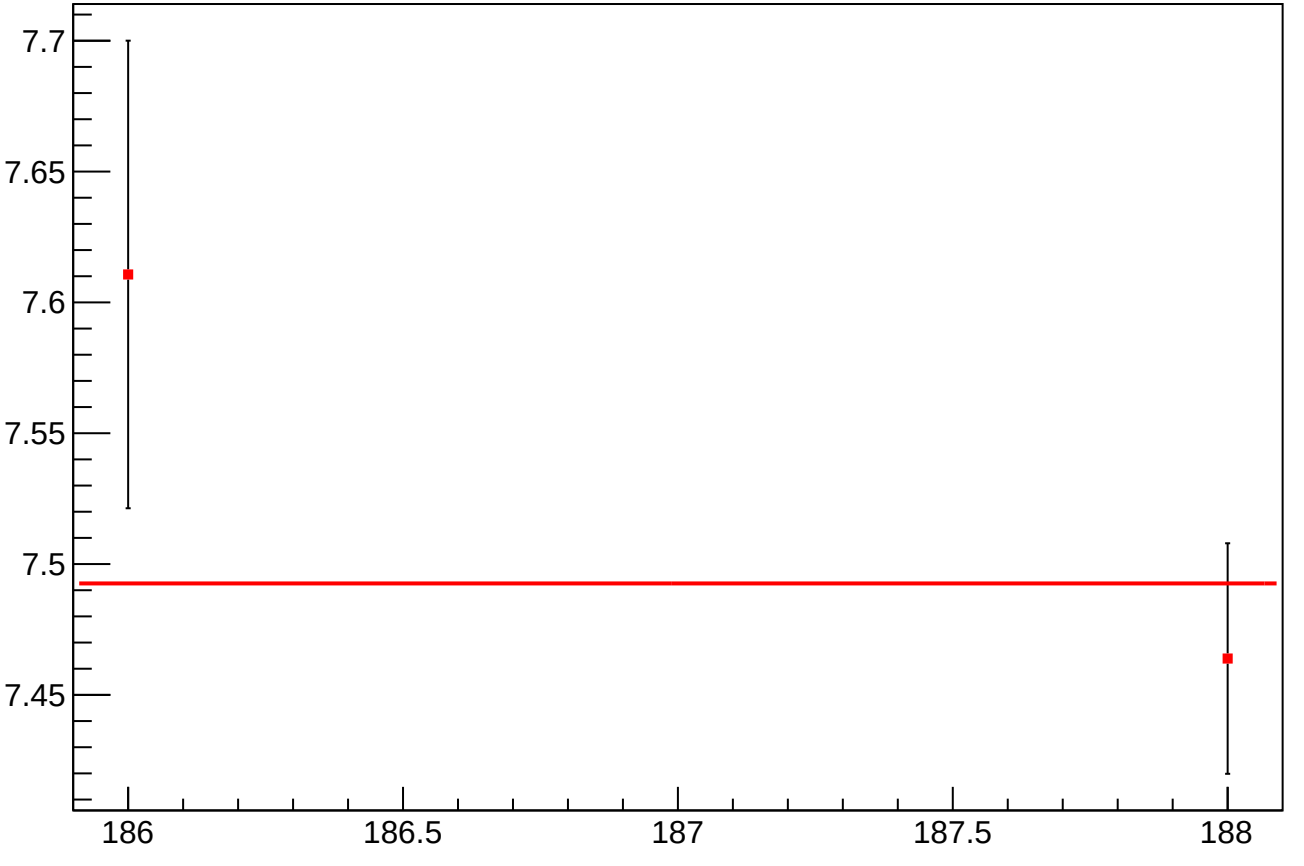
Right: 0.608+/-0.017 χ^2/NDF: 51.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.608+/-0.017 χ^2/NDF: 51.5/1

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.493+/-0.040 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

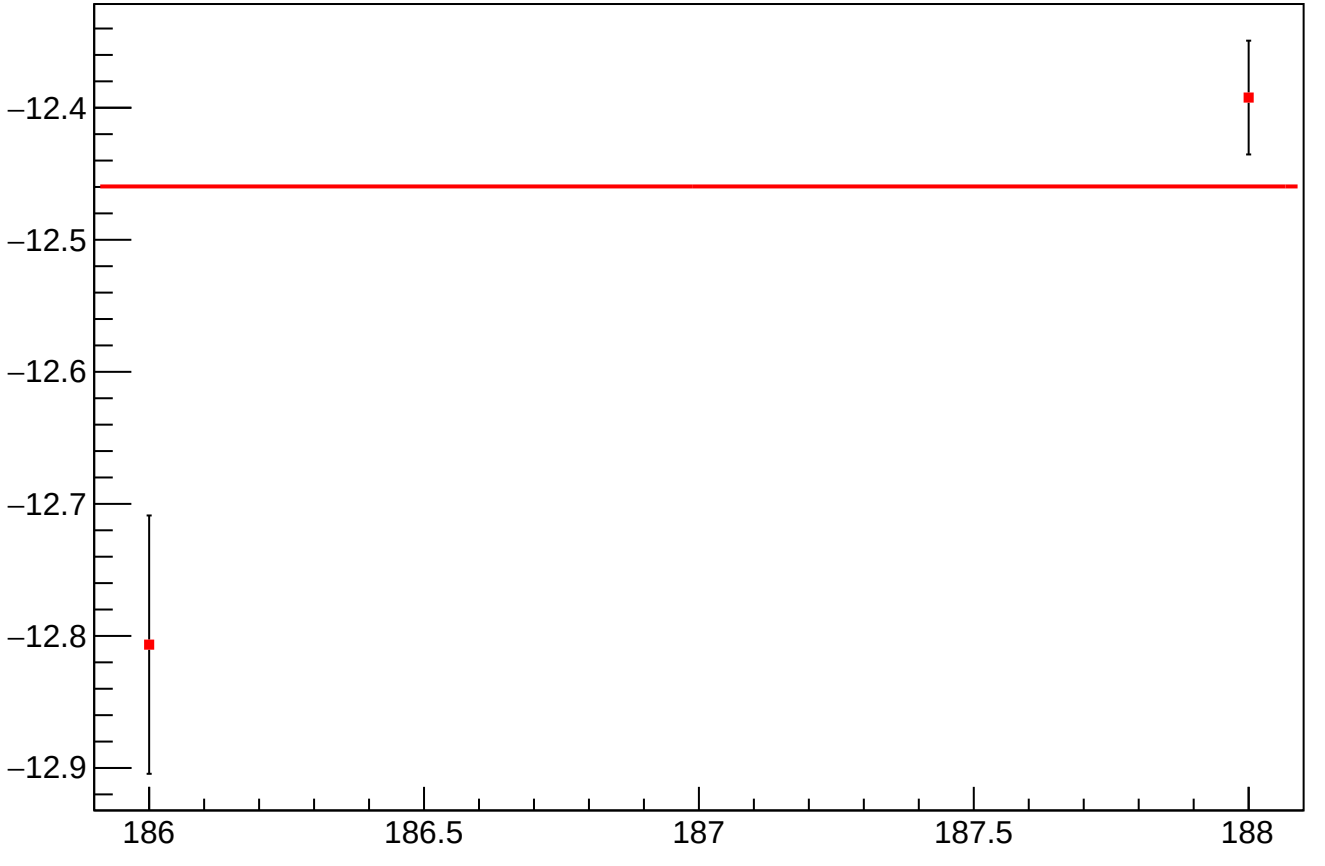
Right: 7.493+/-0.040 χ^2/NDF: 2.2/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.493+/-0.040 χ^2/NDF: 2.2/1

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.460+/-0.039 χ^2/NDF: 15.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

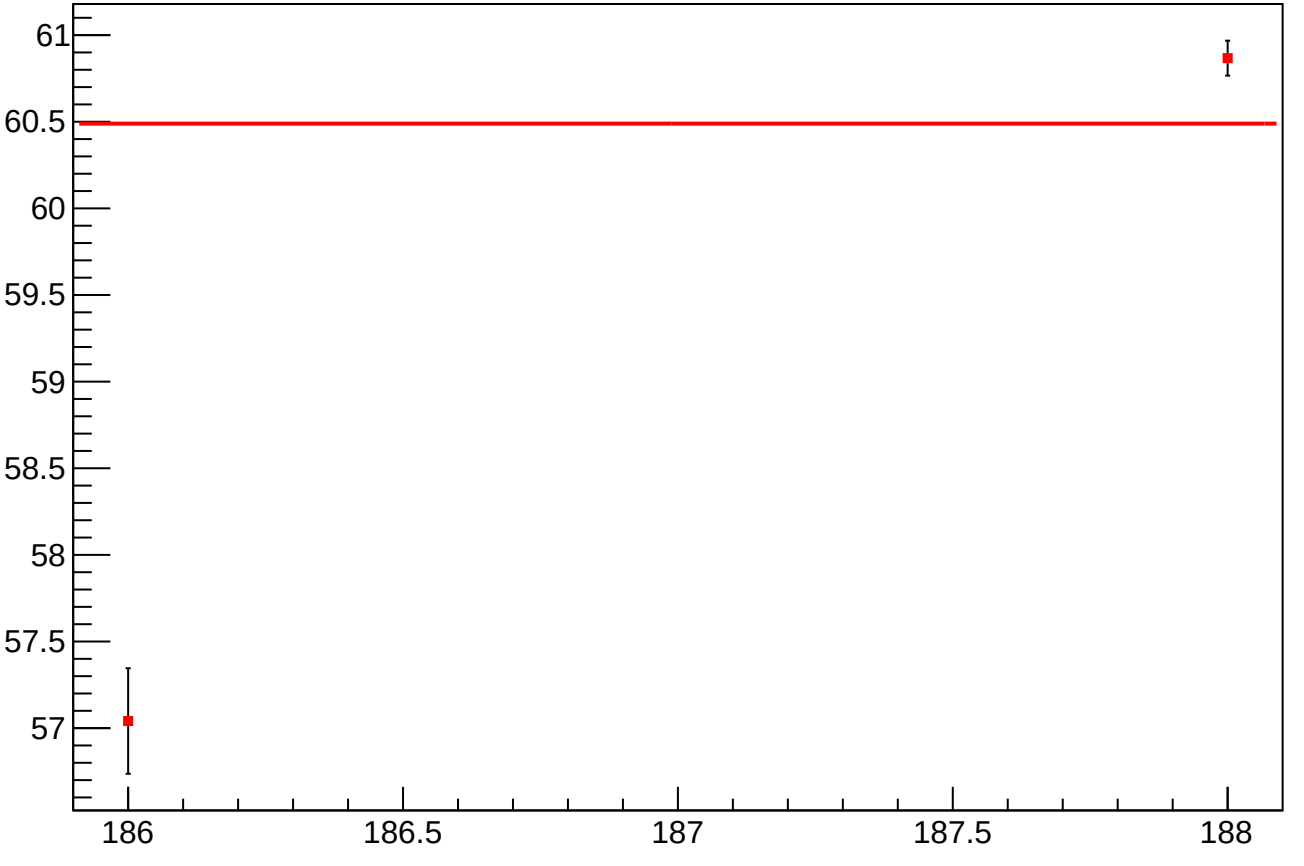
Right: -12.460+/-0.039 χ^2/NDF: 15.0/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.460+/-0.039 χ^2/NDF: 15.0/1

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 60.489+/-0.096 χ^2/NDF: 142.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

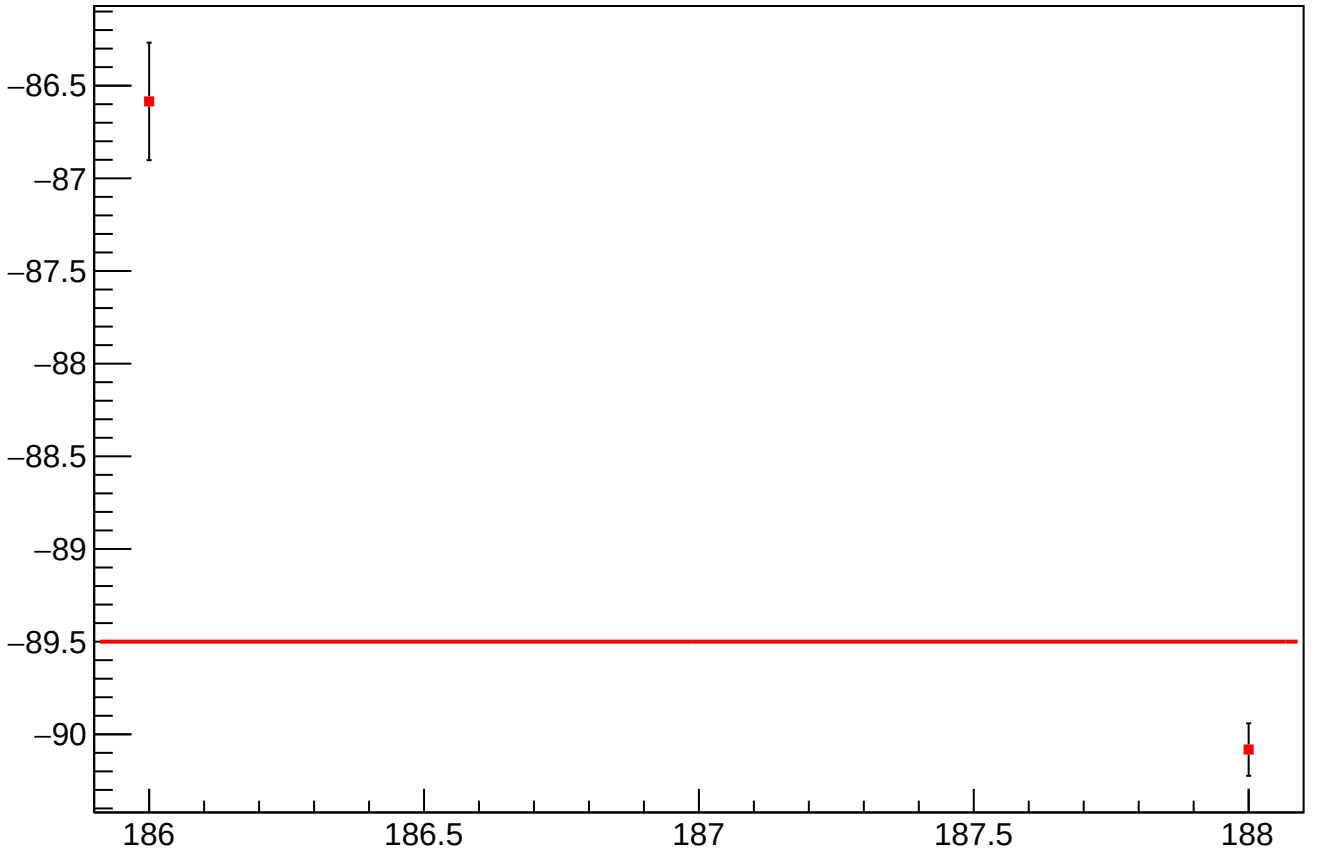
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 60.489+/-0.096 χ^2/NDF: 142.2/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 60.489+/-0.096 χ^2/NDF: 142.2/1



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -89.500+/-0.129 χ^2/NDF: 101.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

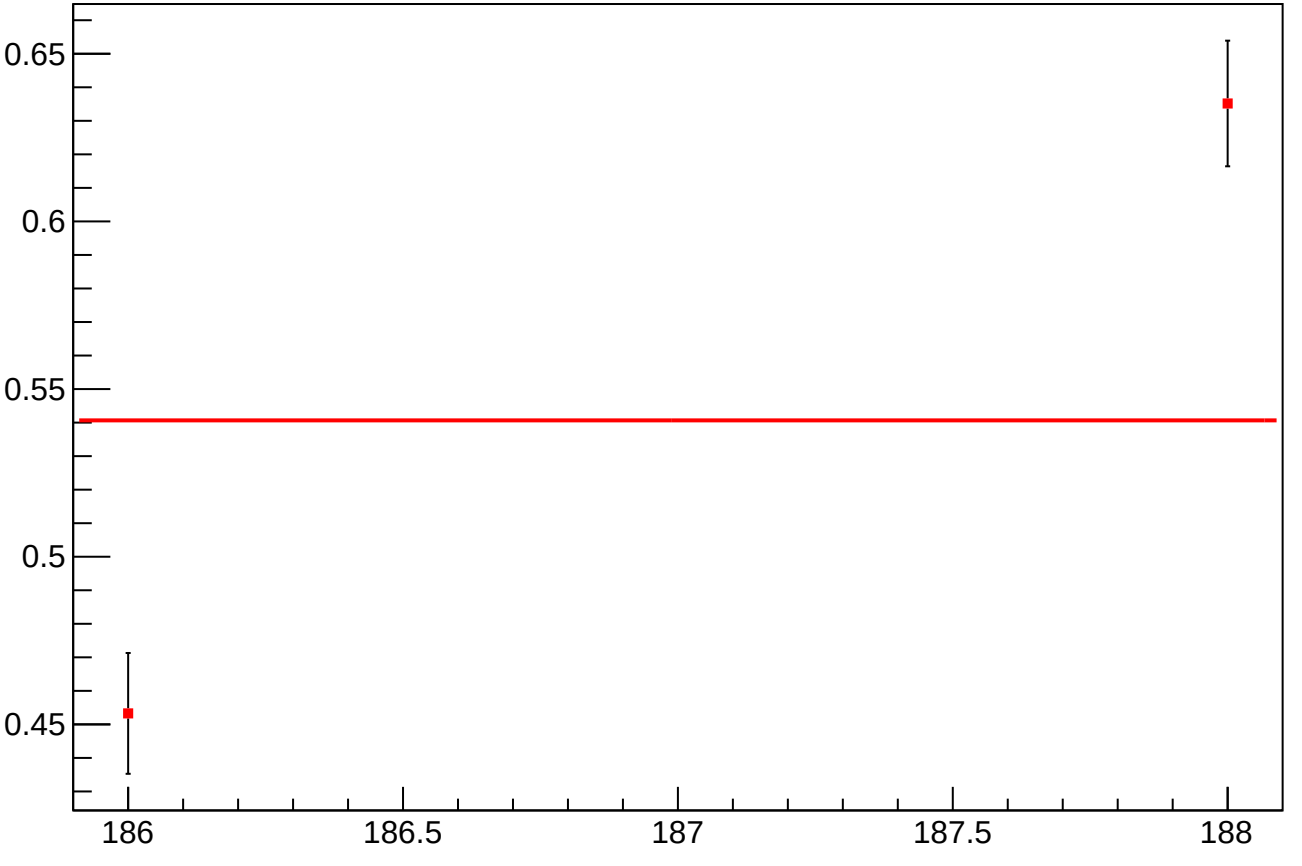
Right: -89.500+/-0.129 χ^2/NDF: 101.5/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -89.500+/-0.129 χ^2/NDF: 101.5/1

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.541+/-0.013 χ^2/NDF: 49.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

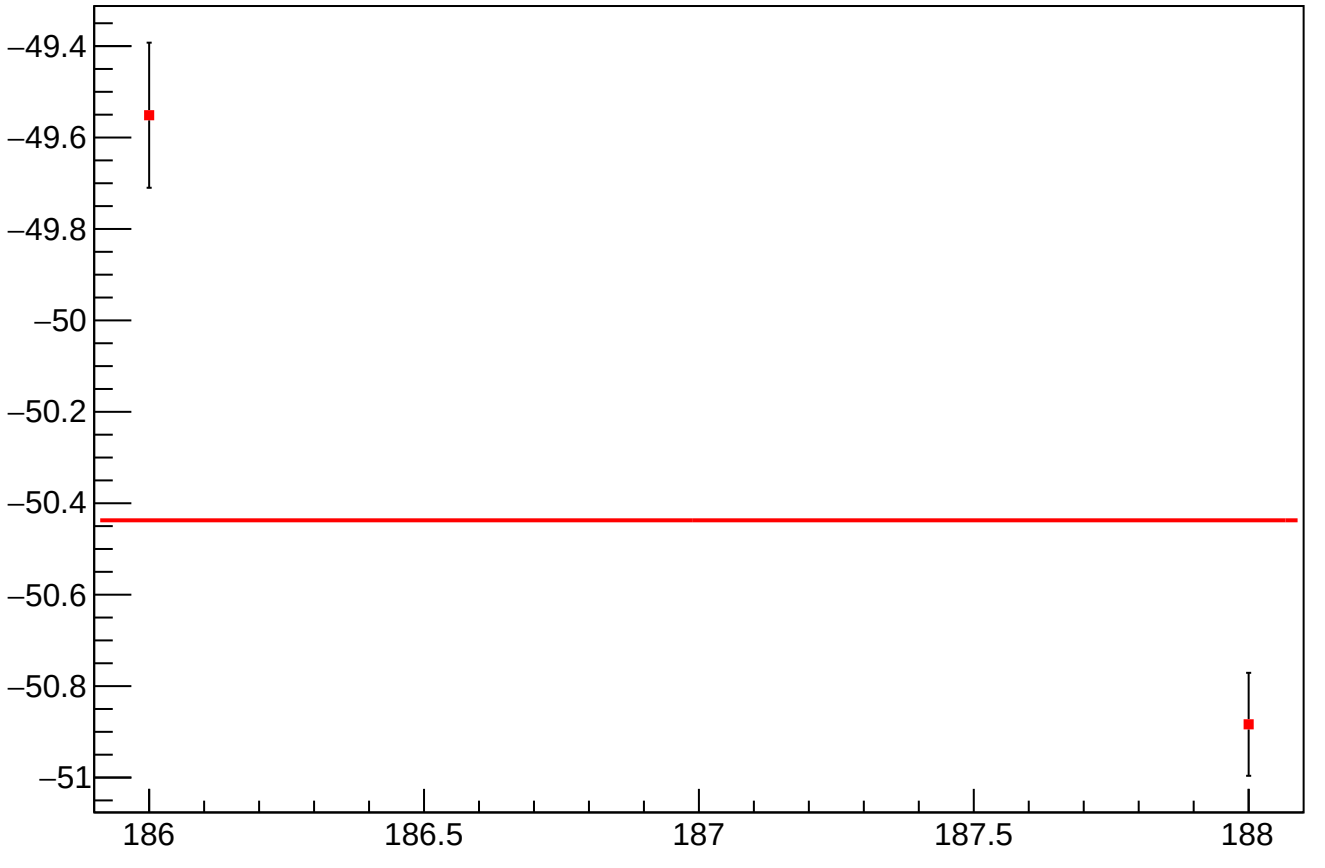
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.541+/-0.013 χ^2/NDF: 49.0/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.541+/-0.013 χ^2/NDF: 49.0/1



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -50.437+/-0.092 χ^2/NDF: 46.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

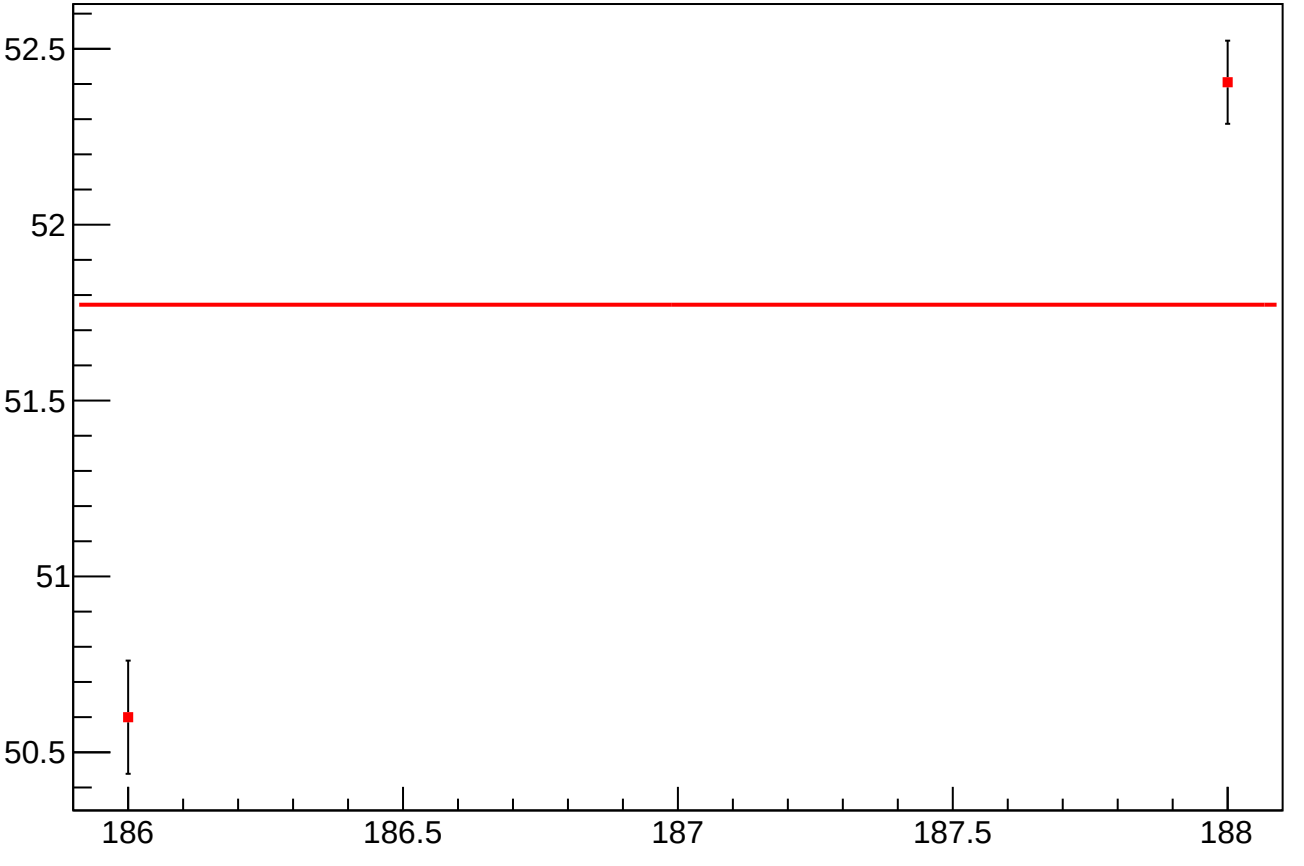
Right: -50.437+/-0.092 χ^2/NDF: 46.9/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -50.437+/-0.092 χ^2/NDF: 46.9/1

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 51.773+/-0.095 χ^2/NDF: 81.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

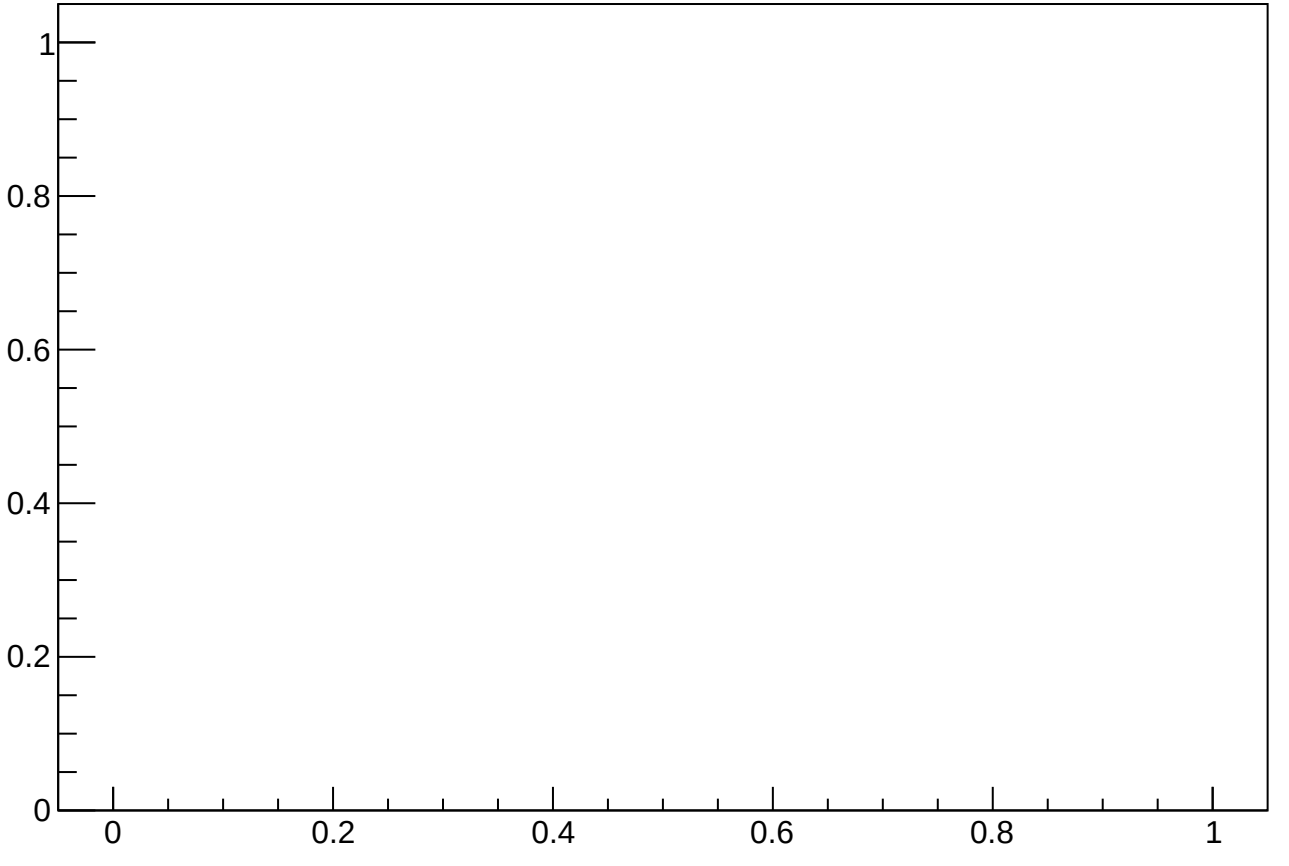
Right: 51.773+/-0.095 χ^2/NDF: 81.8/1

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 51.773+/-0.095 χ^2/NDF: 81.8/1

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

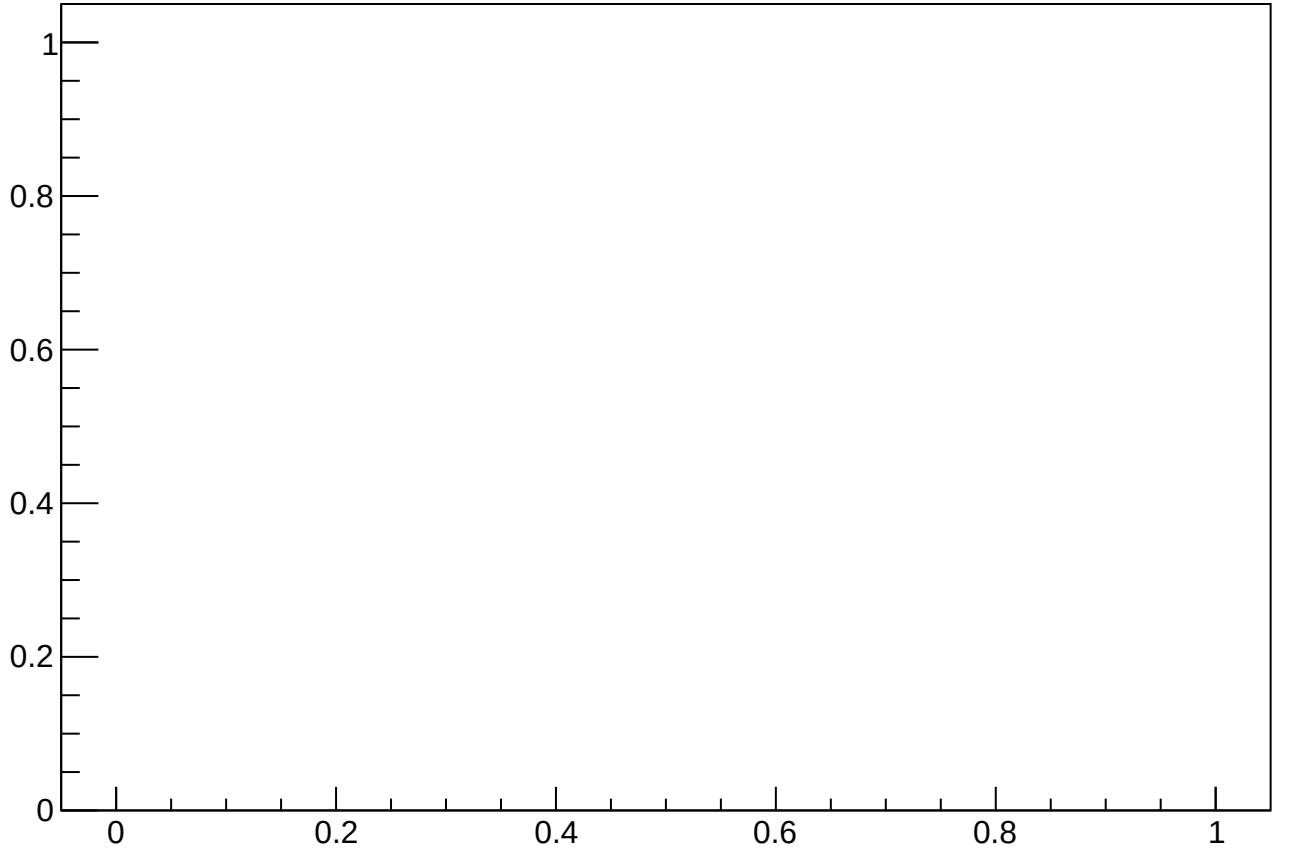
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

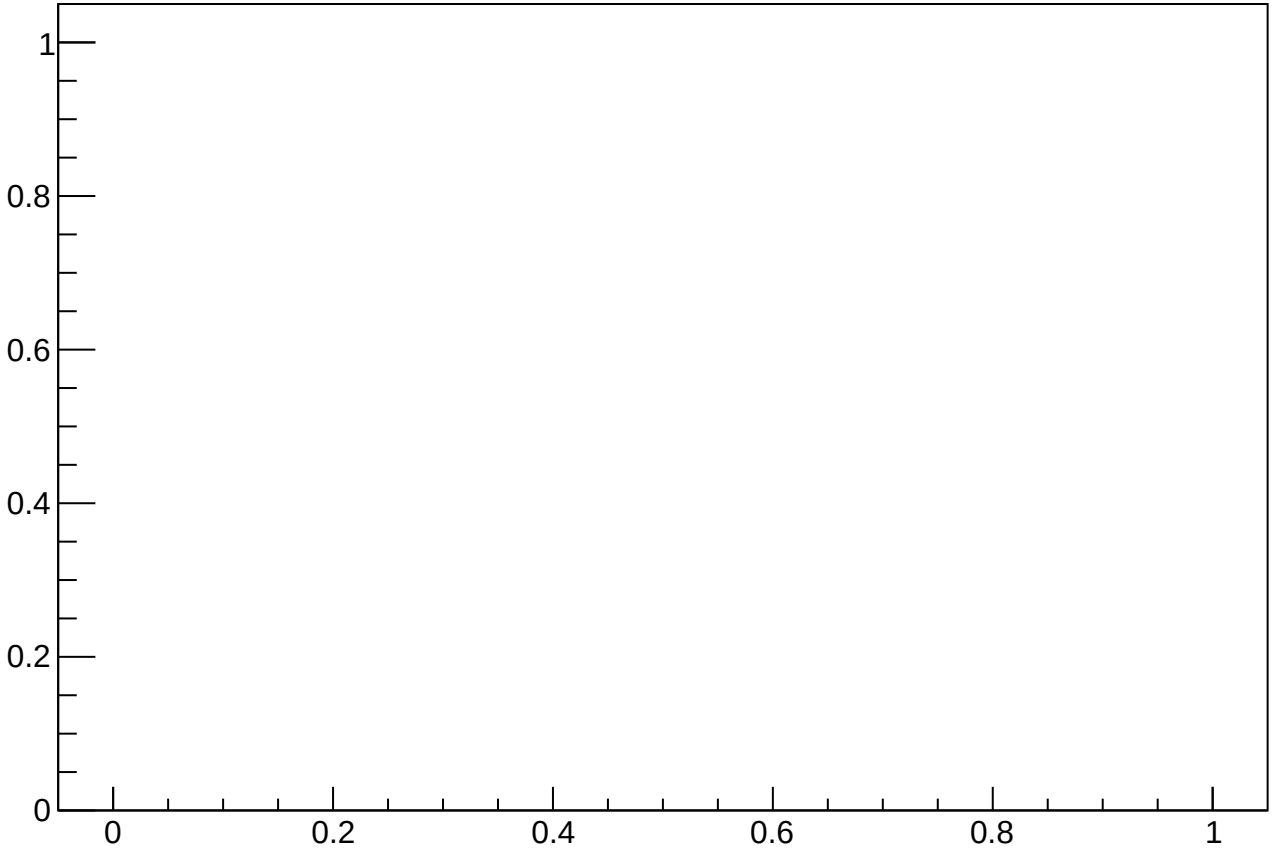
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

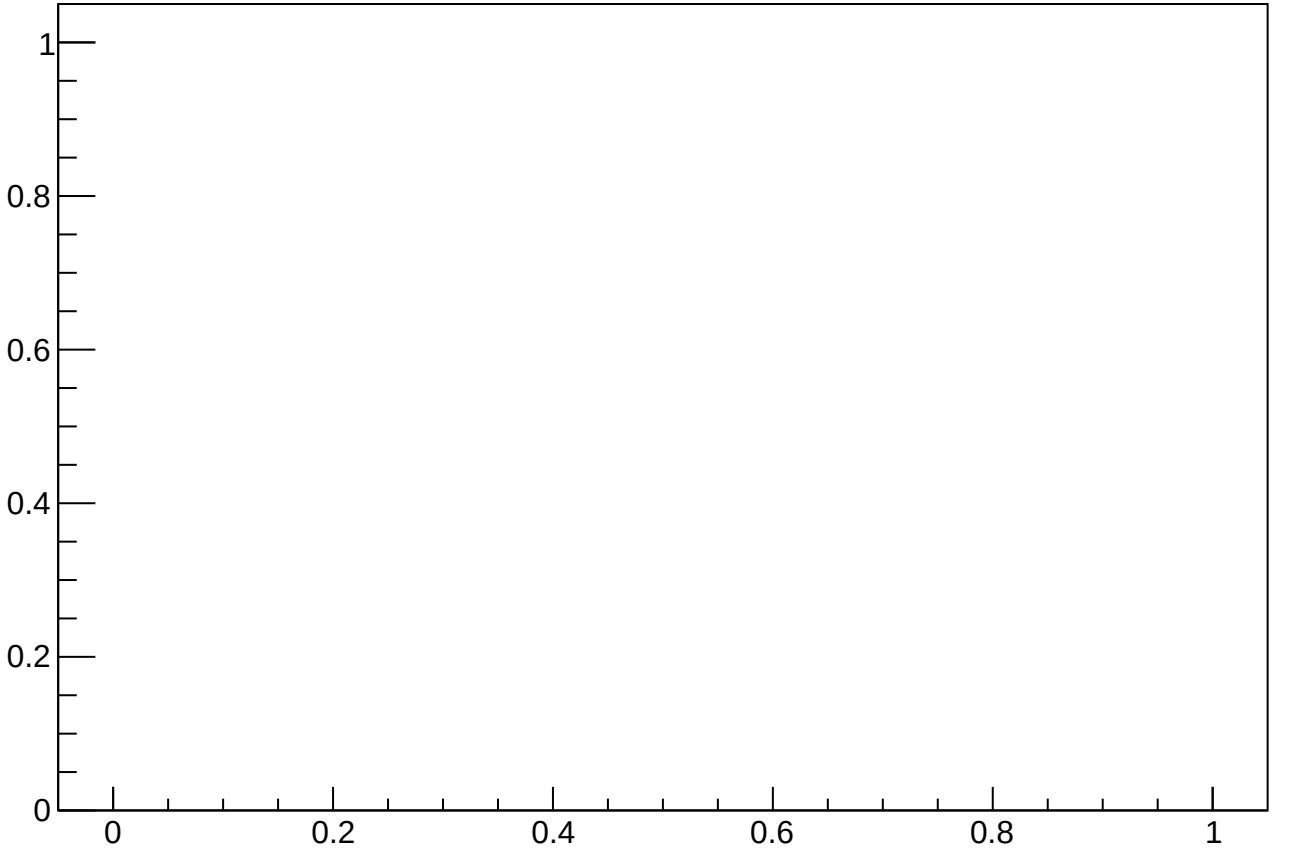
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

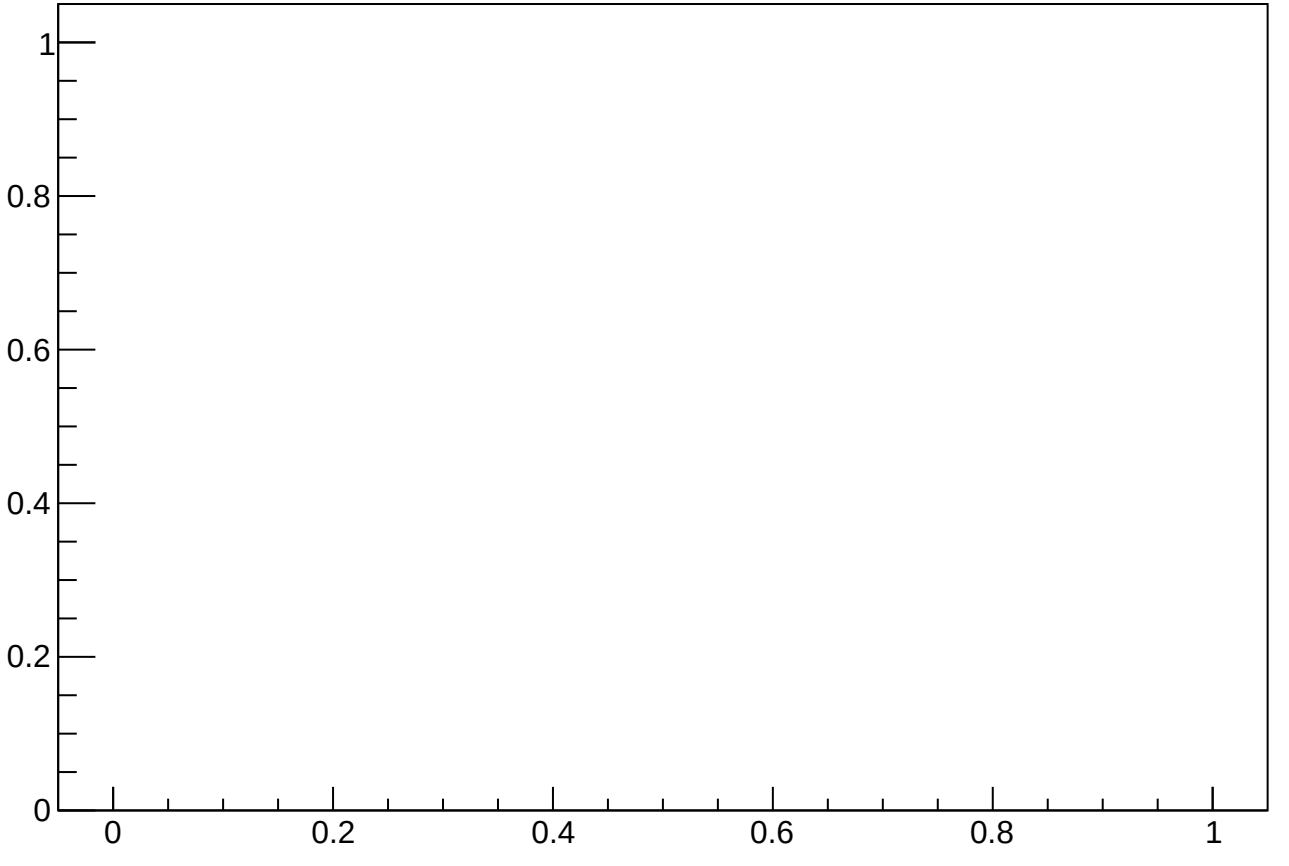
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

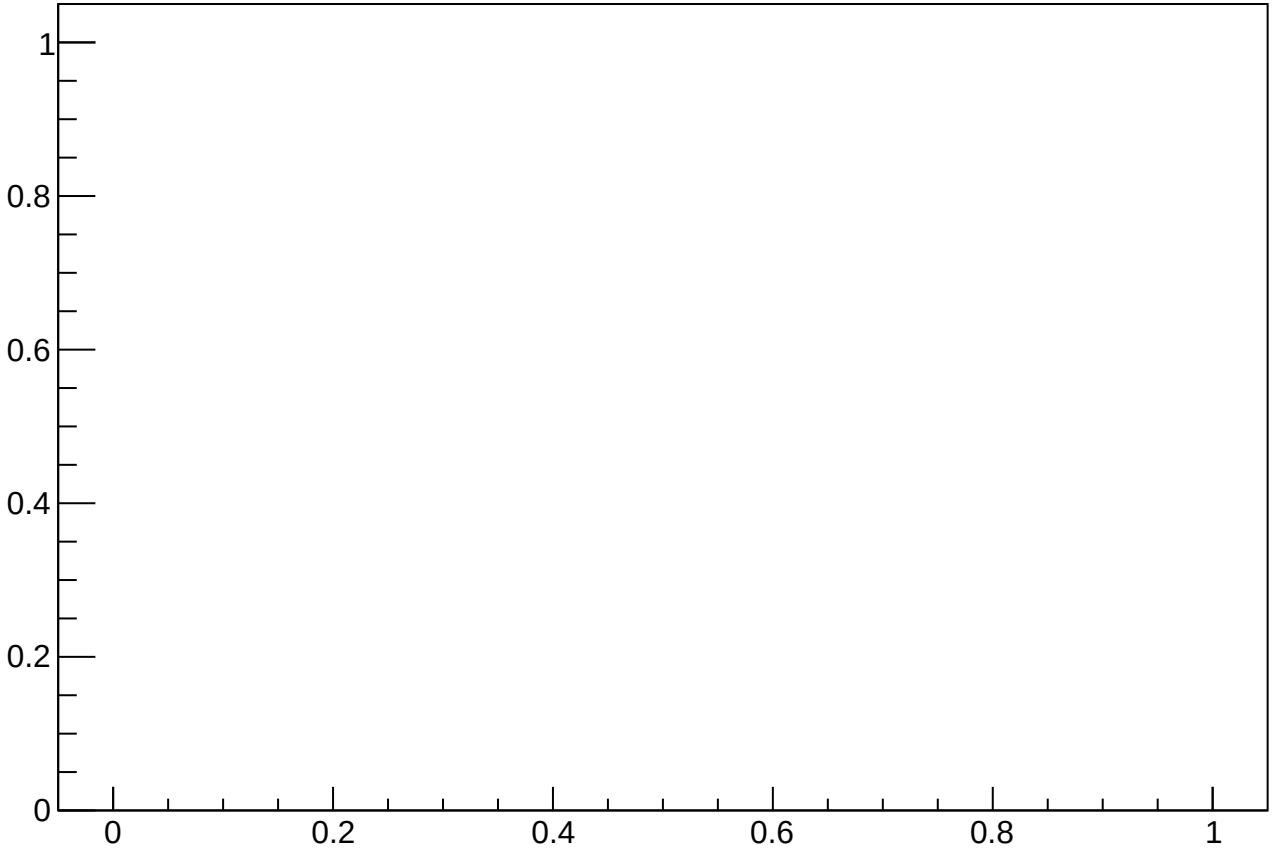
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

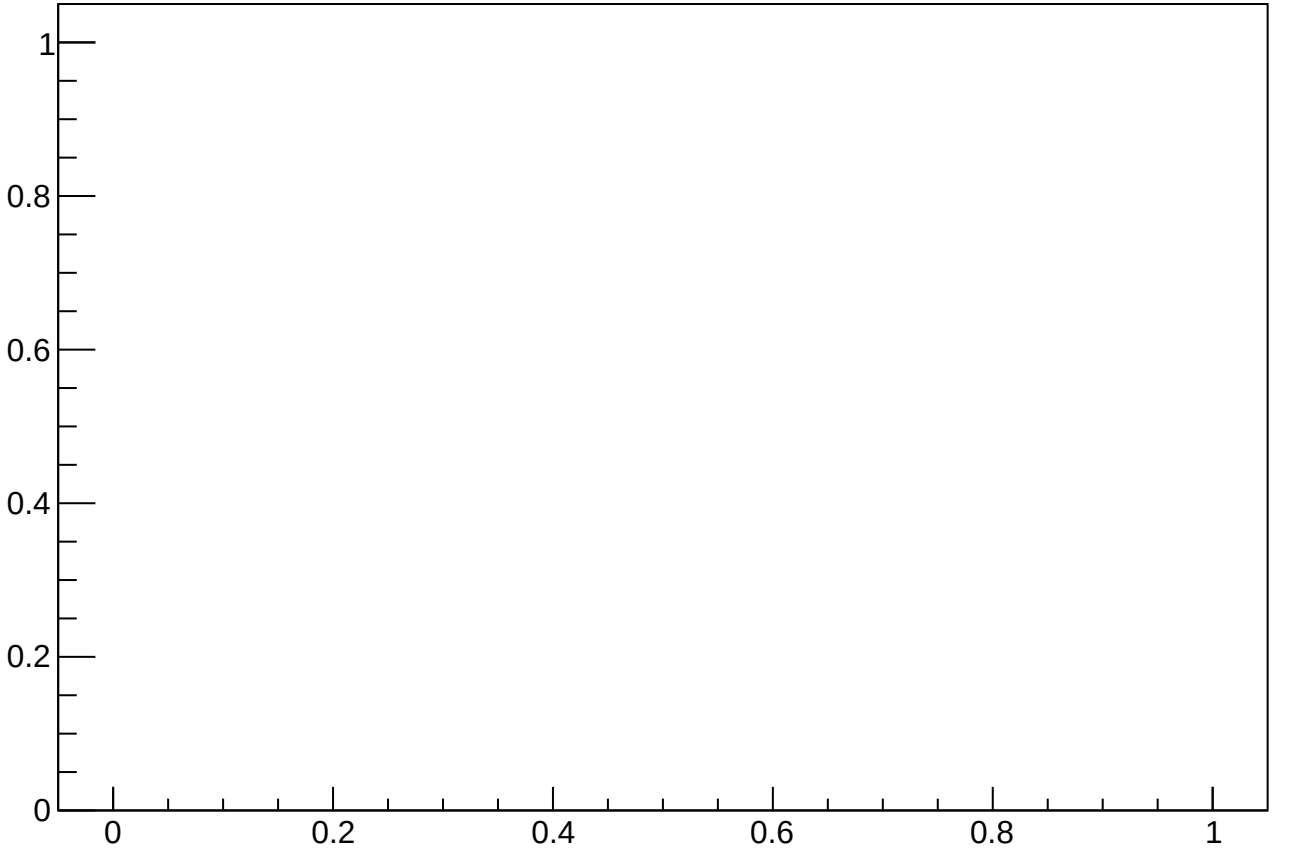
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

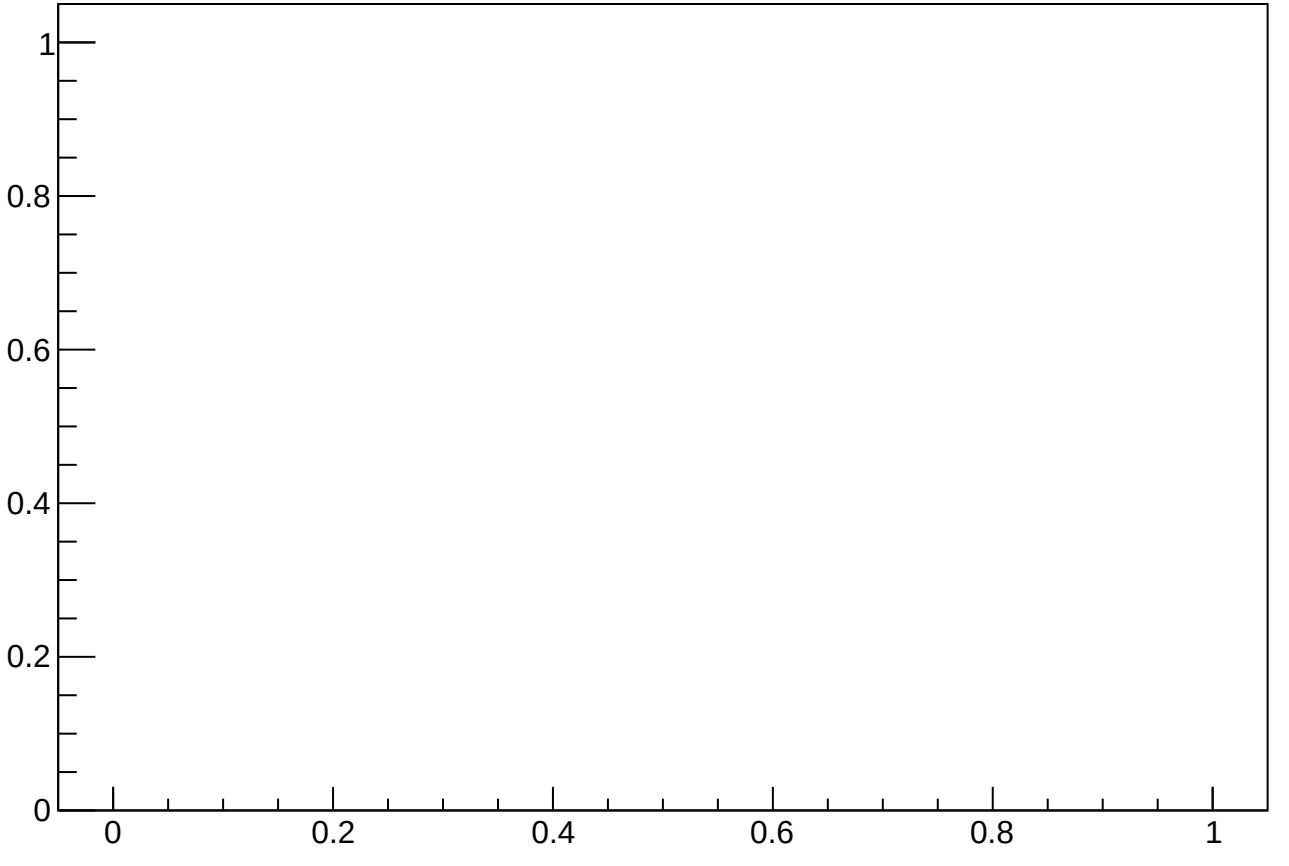
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

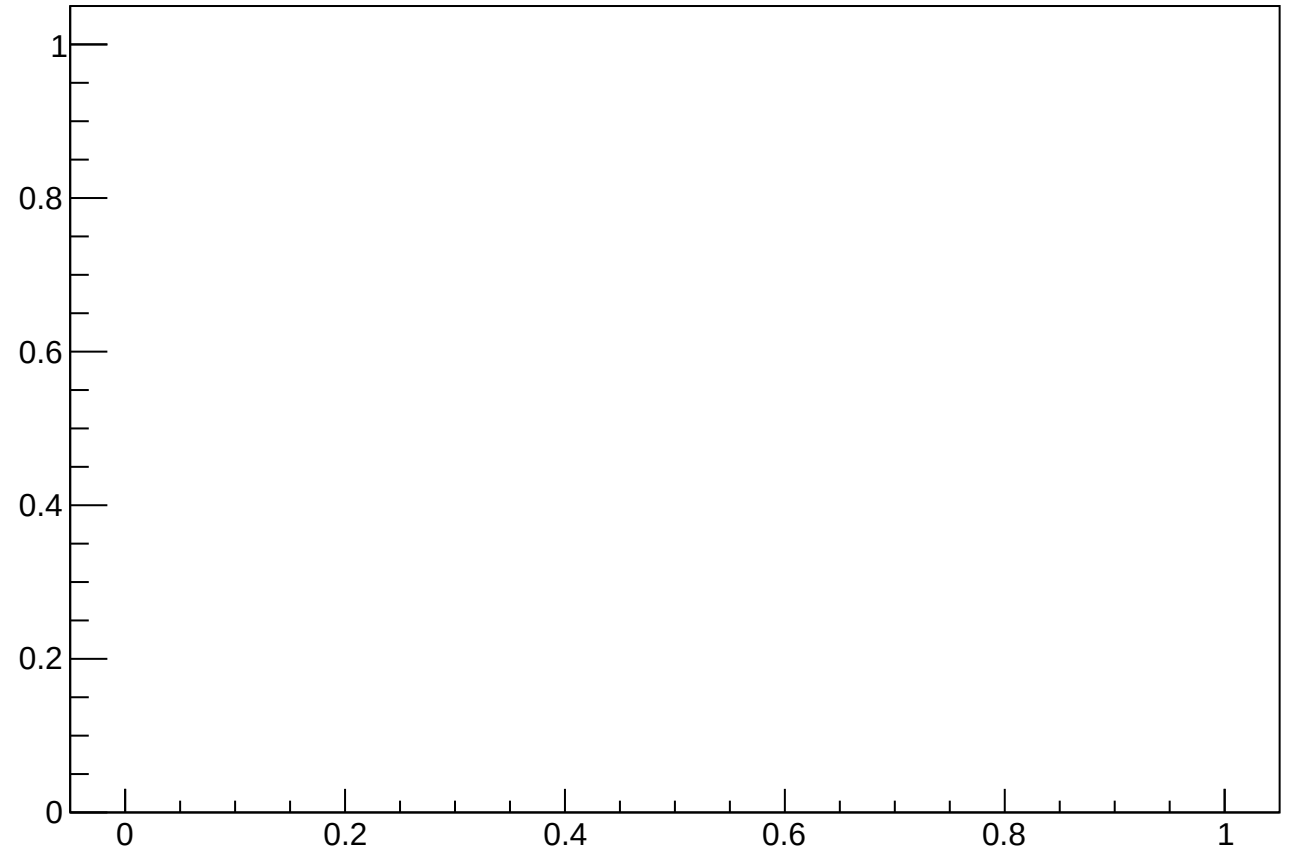
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

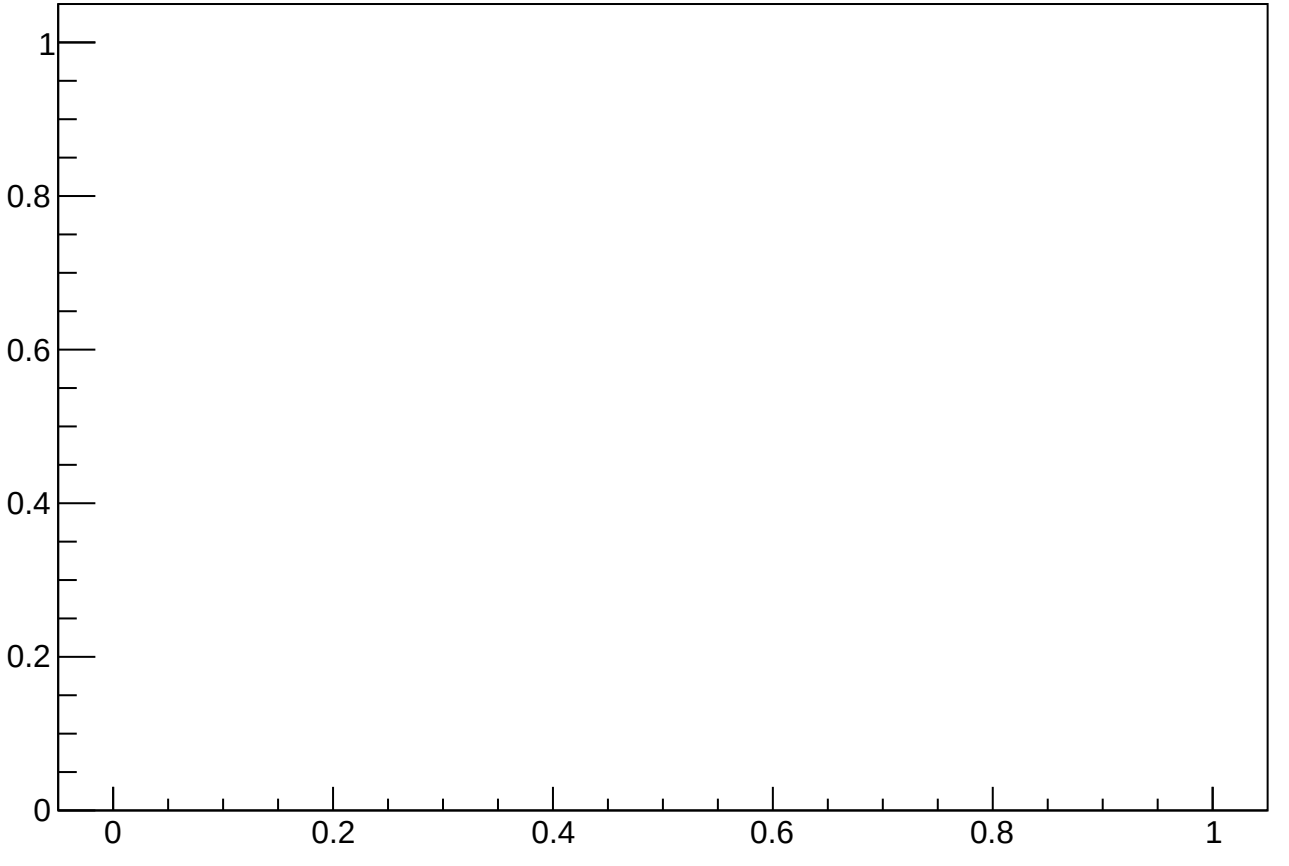
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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

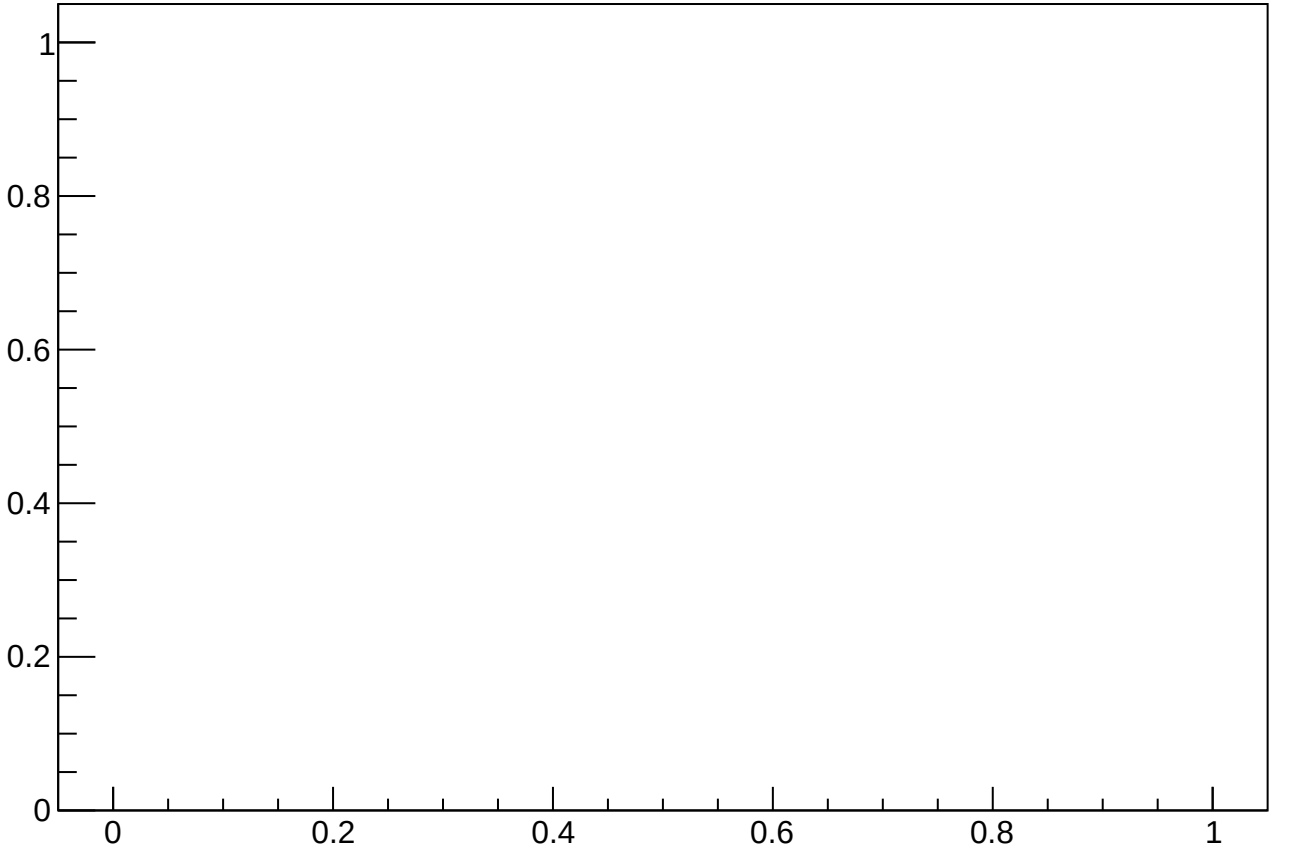
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

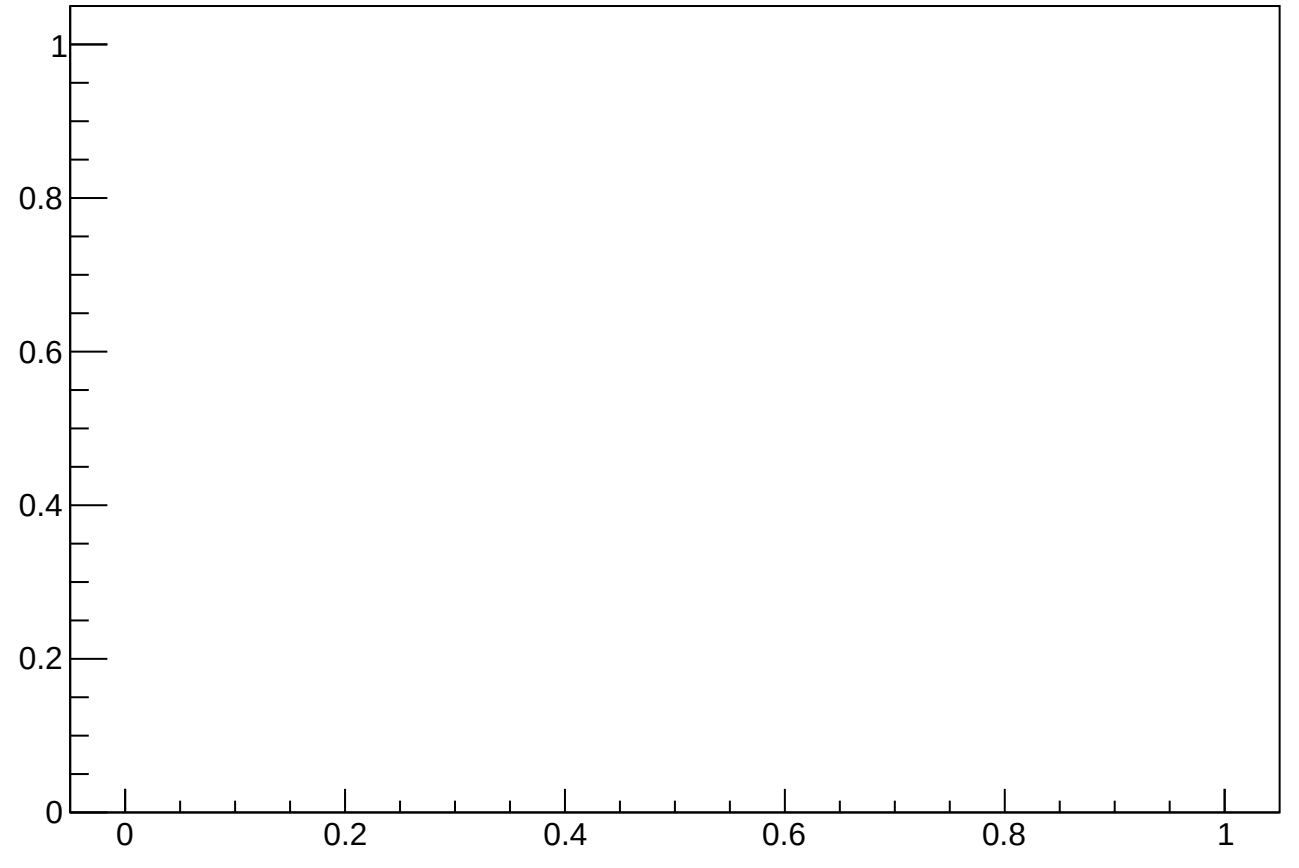
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

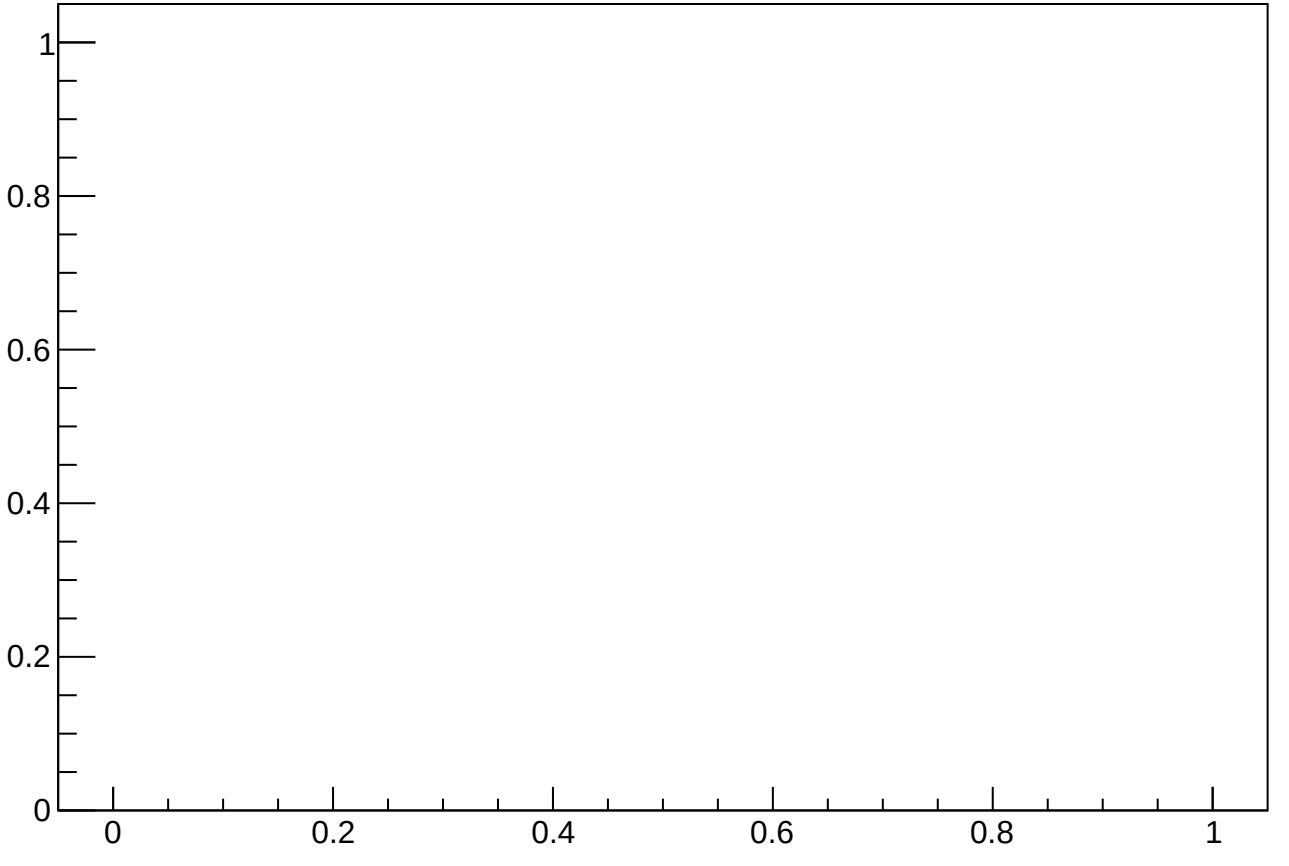
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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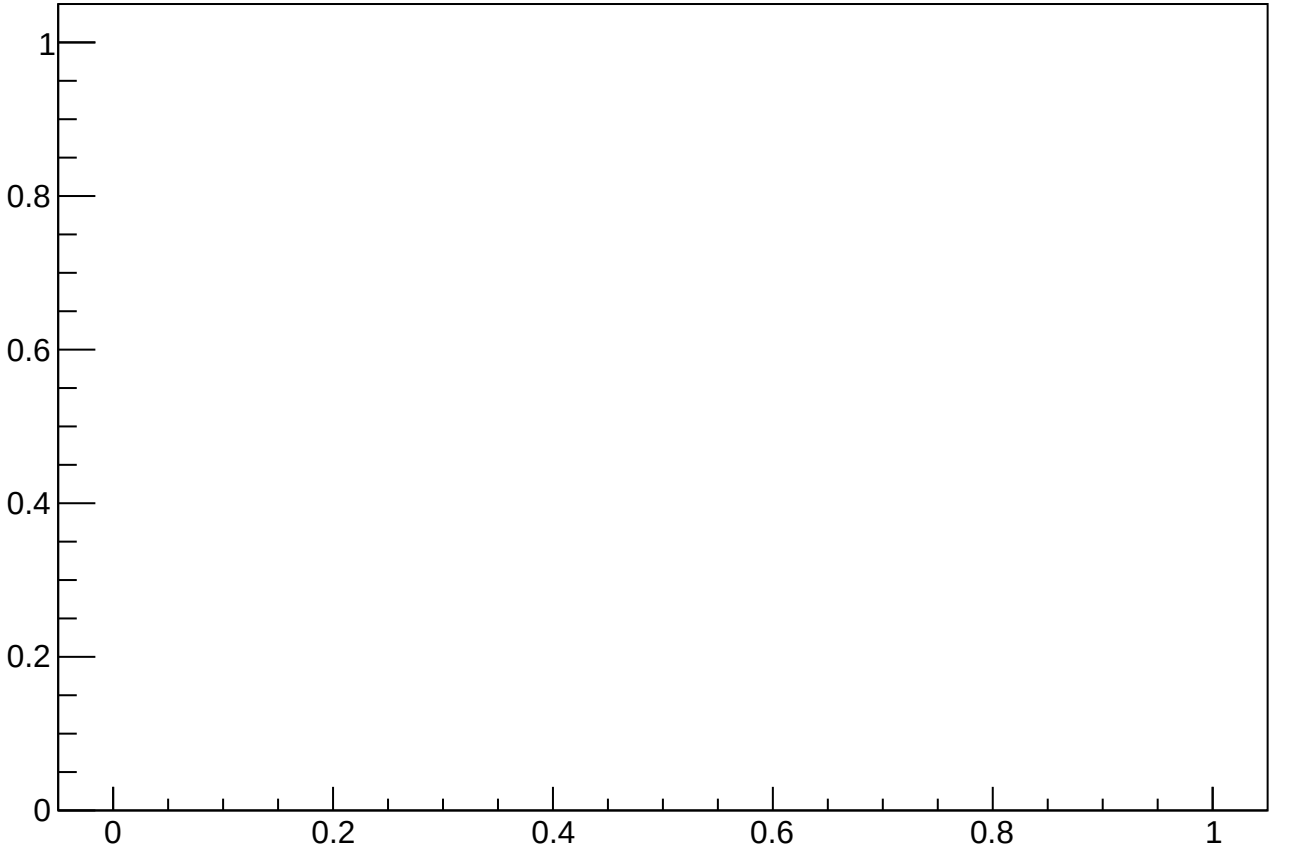
dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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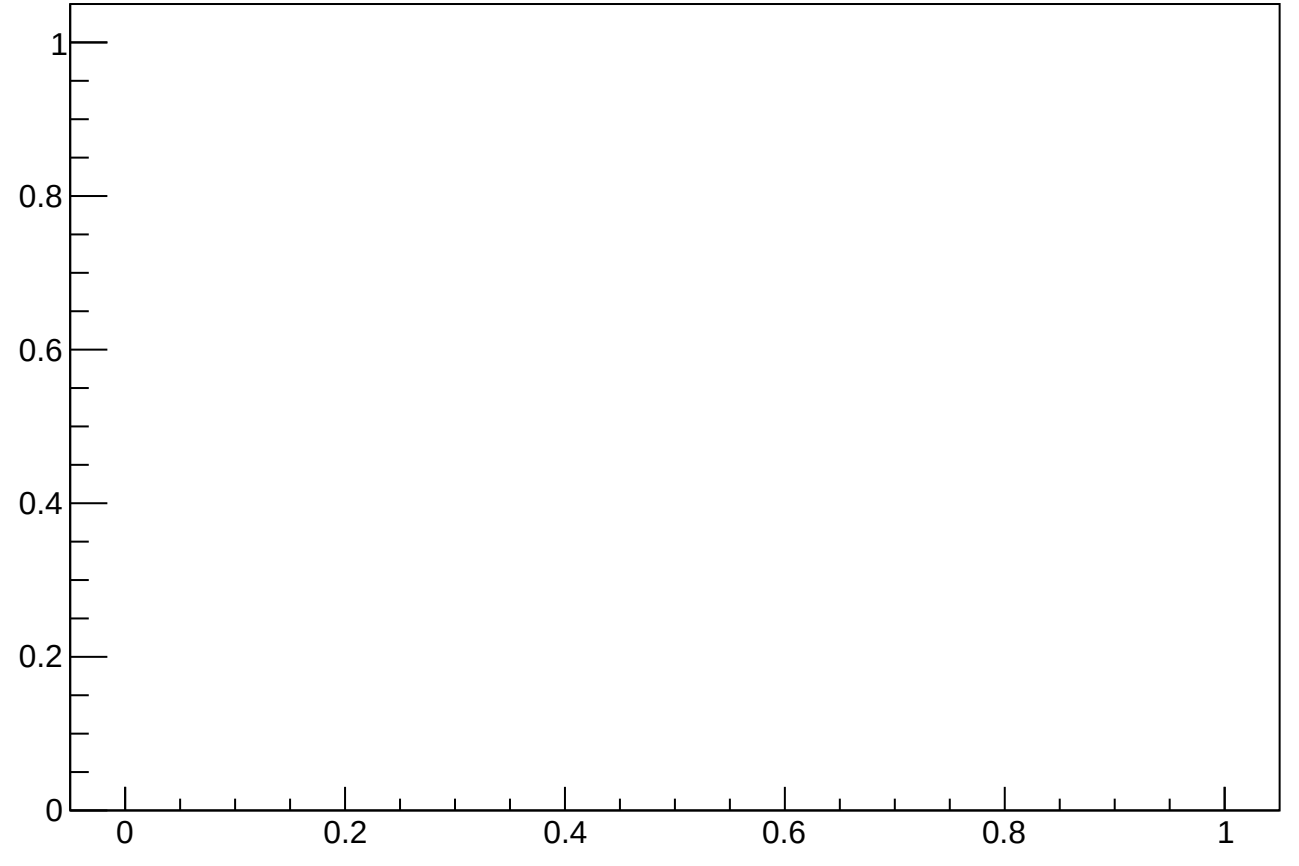

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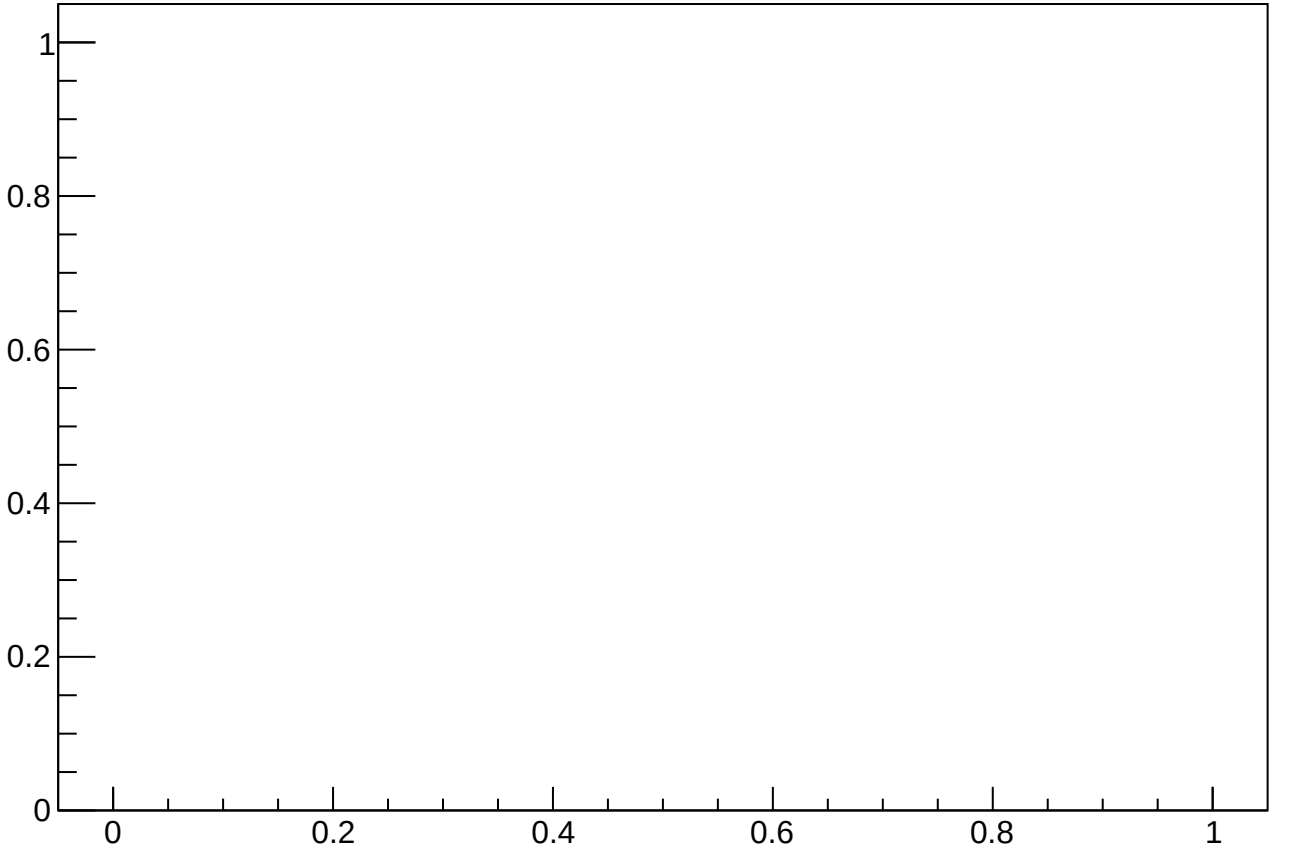
dit_usl_coil1_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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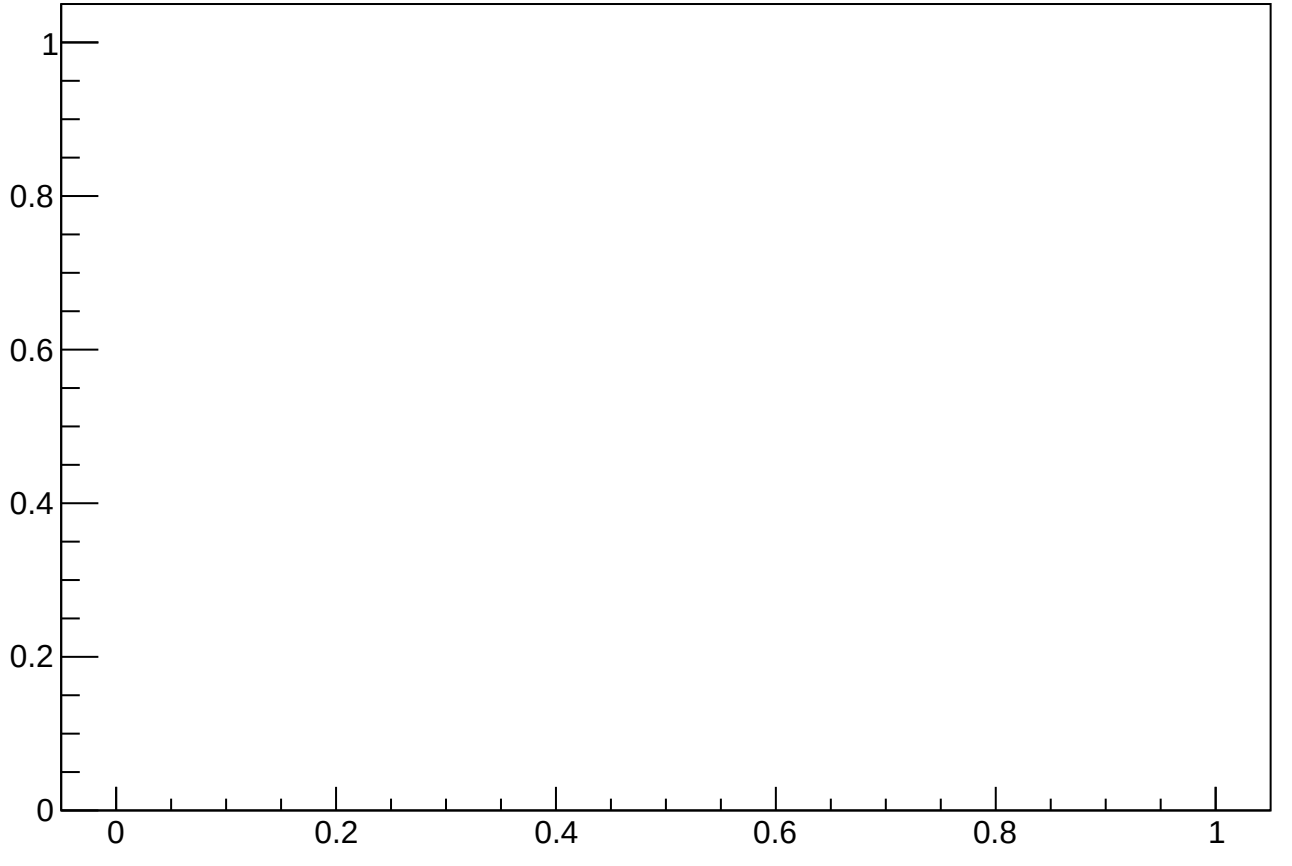
dit_usl_coil1_err_mean vs Slug, Sign Corrected



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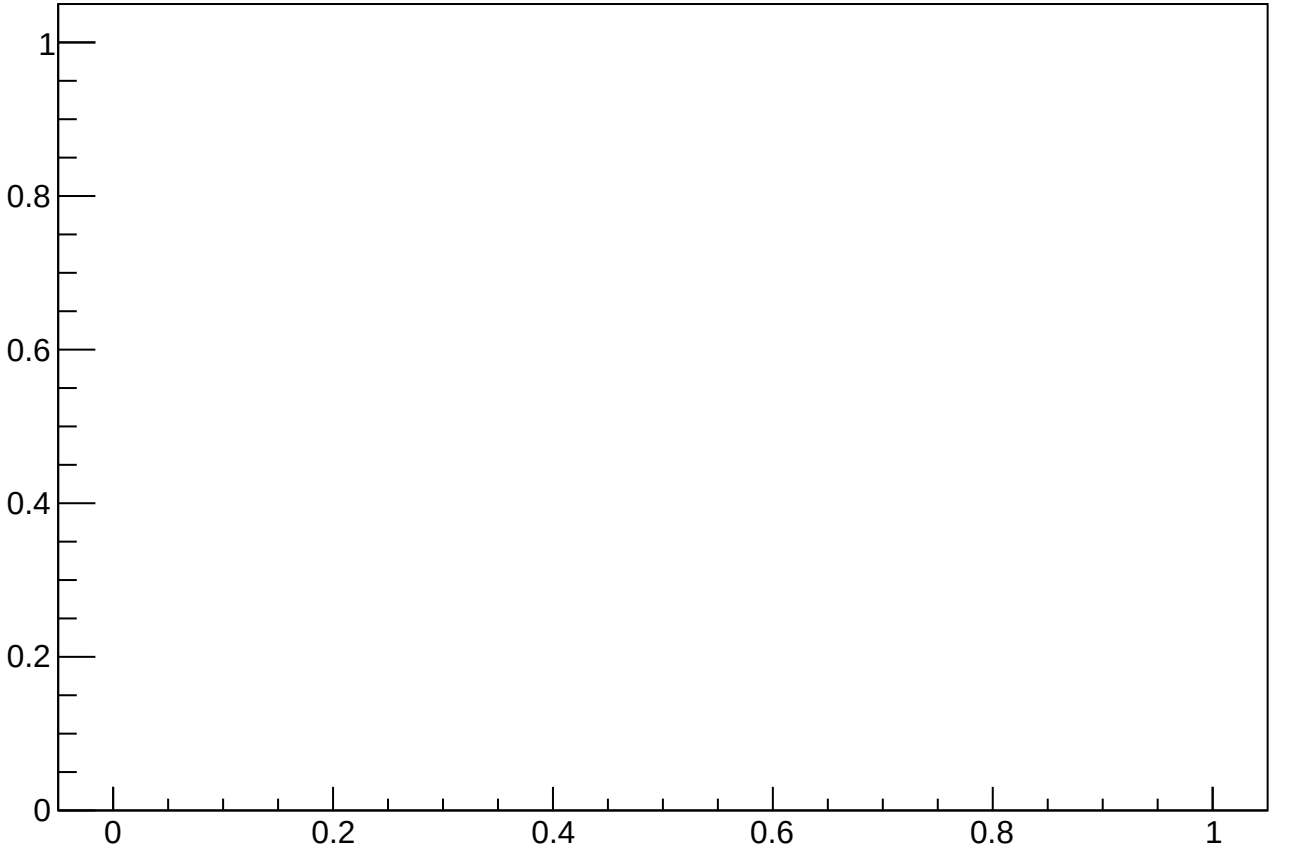
dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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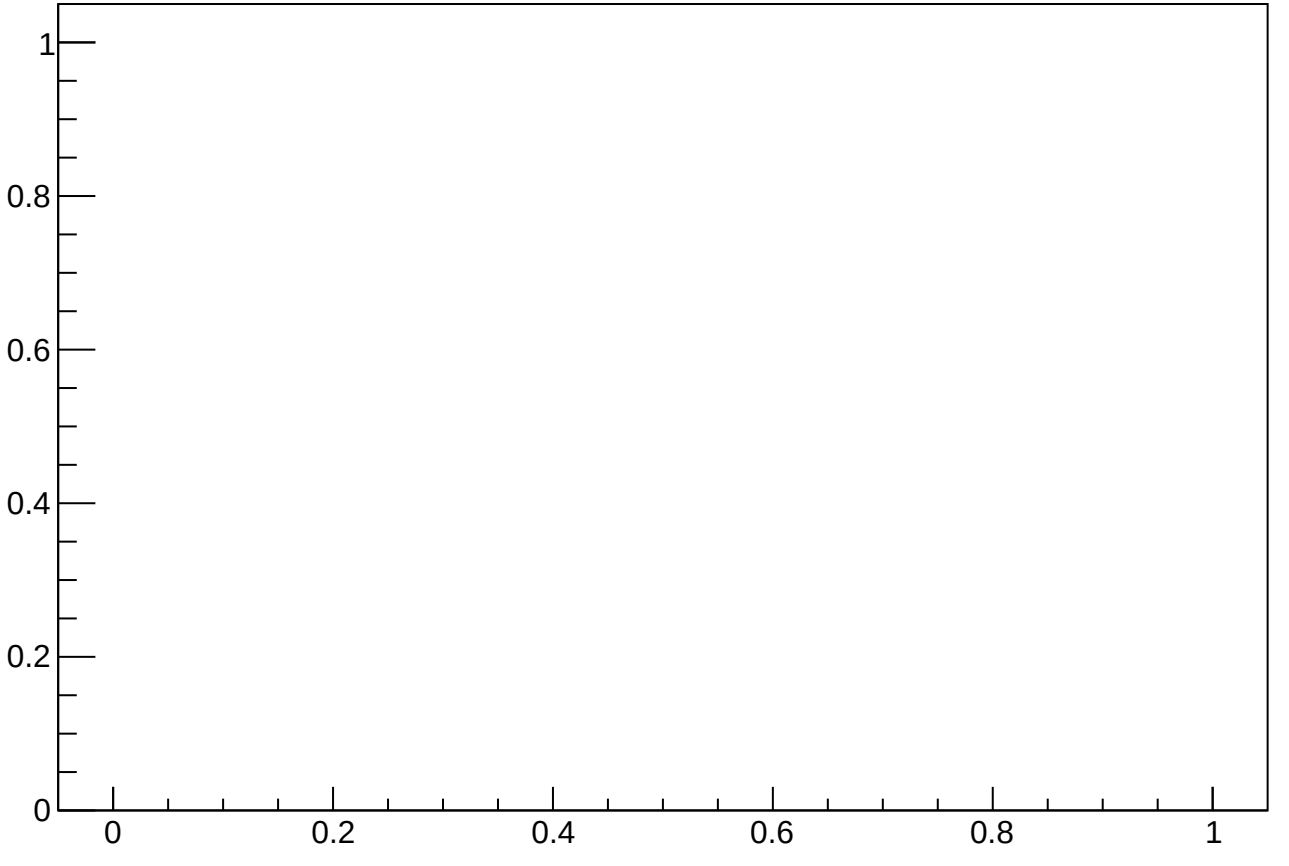
dit_usr_coil1_mean vs Slug, Sign Corrected



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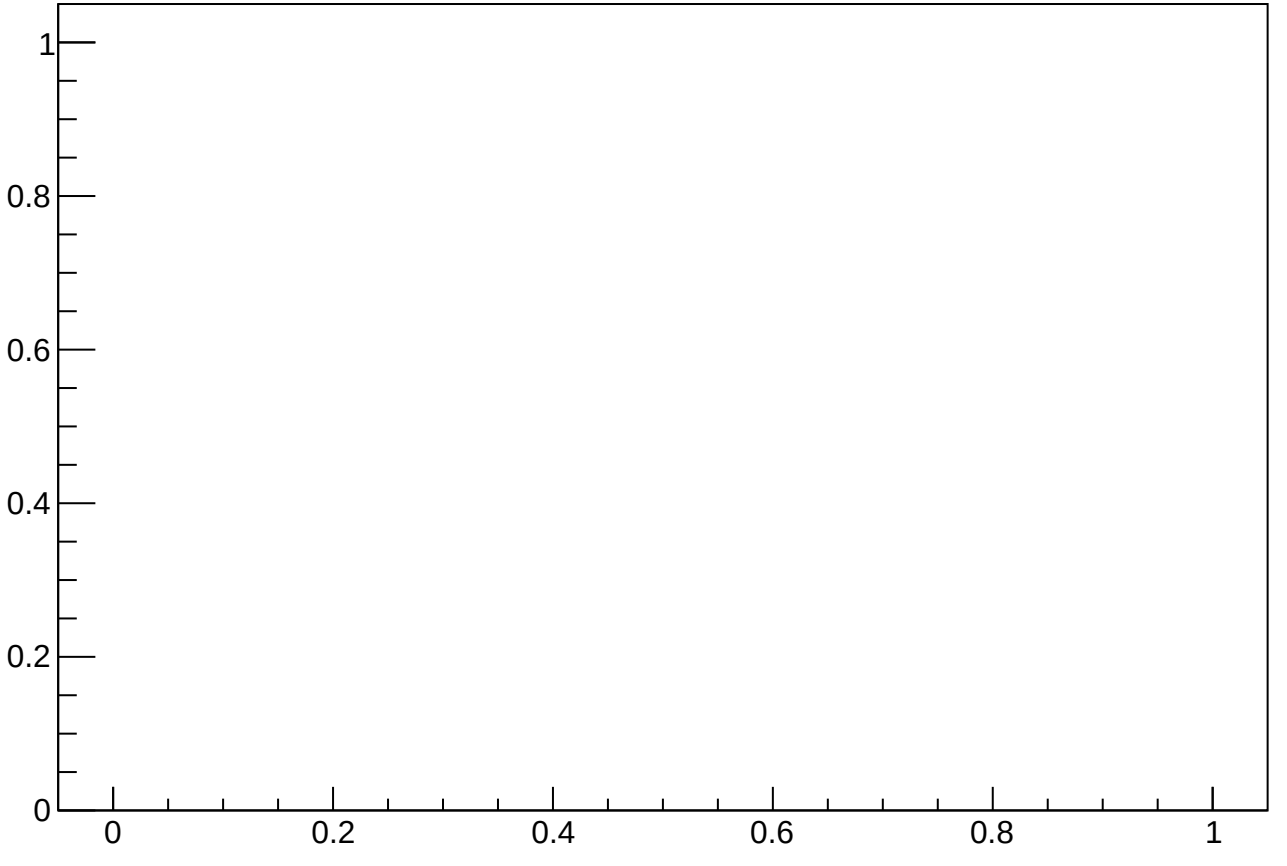
dit_usr_coil1_err_mean vs Slug, Sign Corrected



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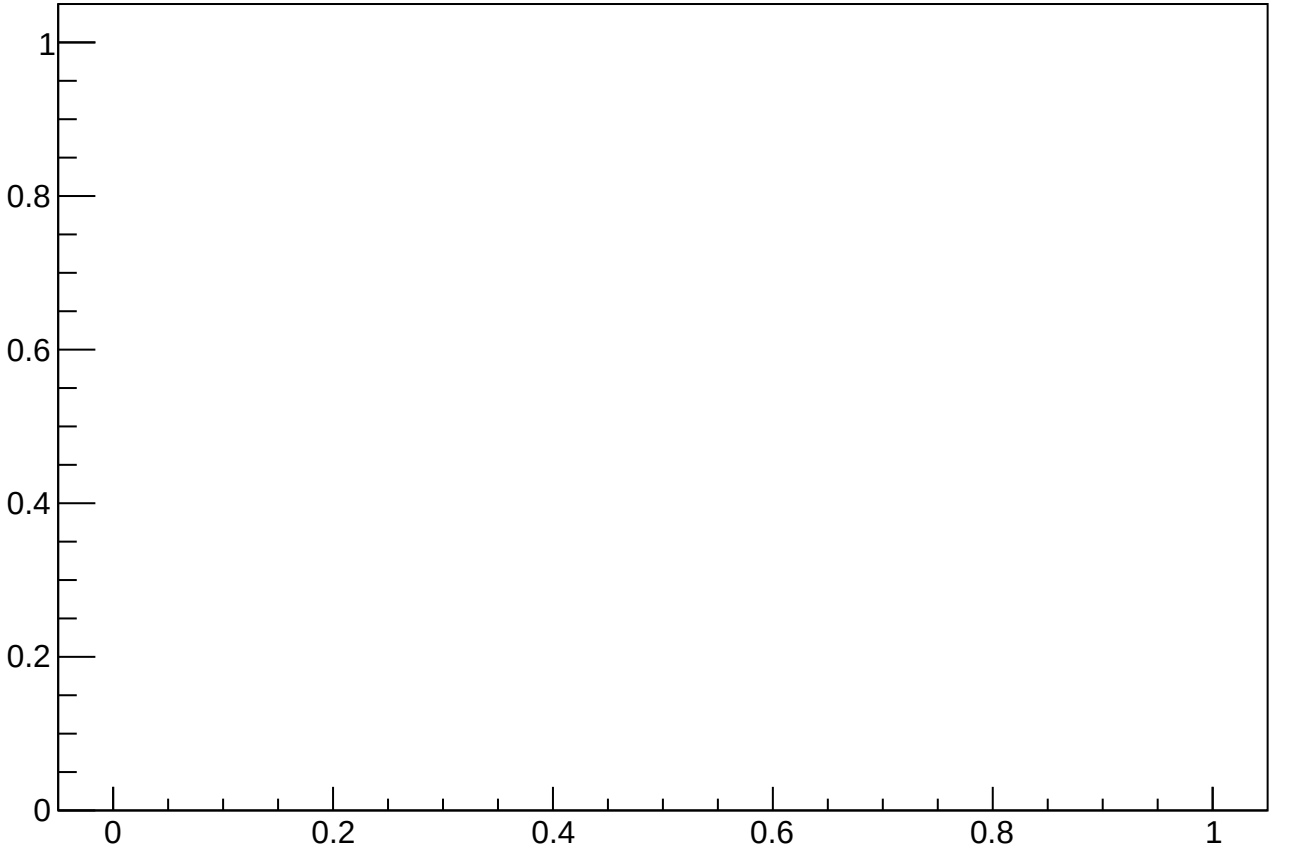
dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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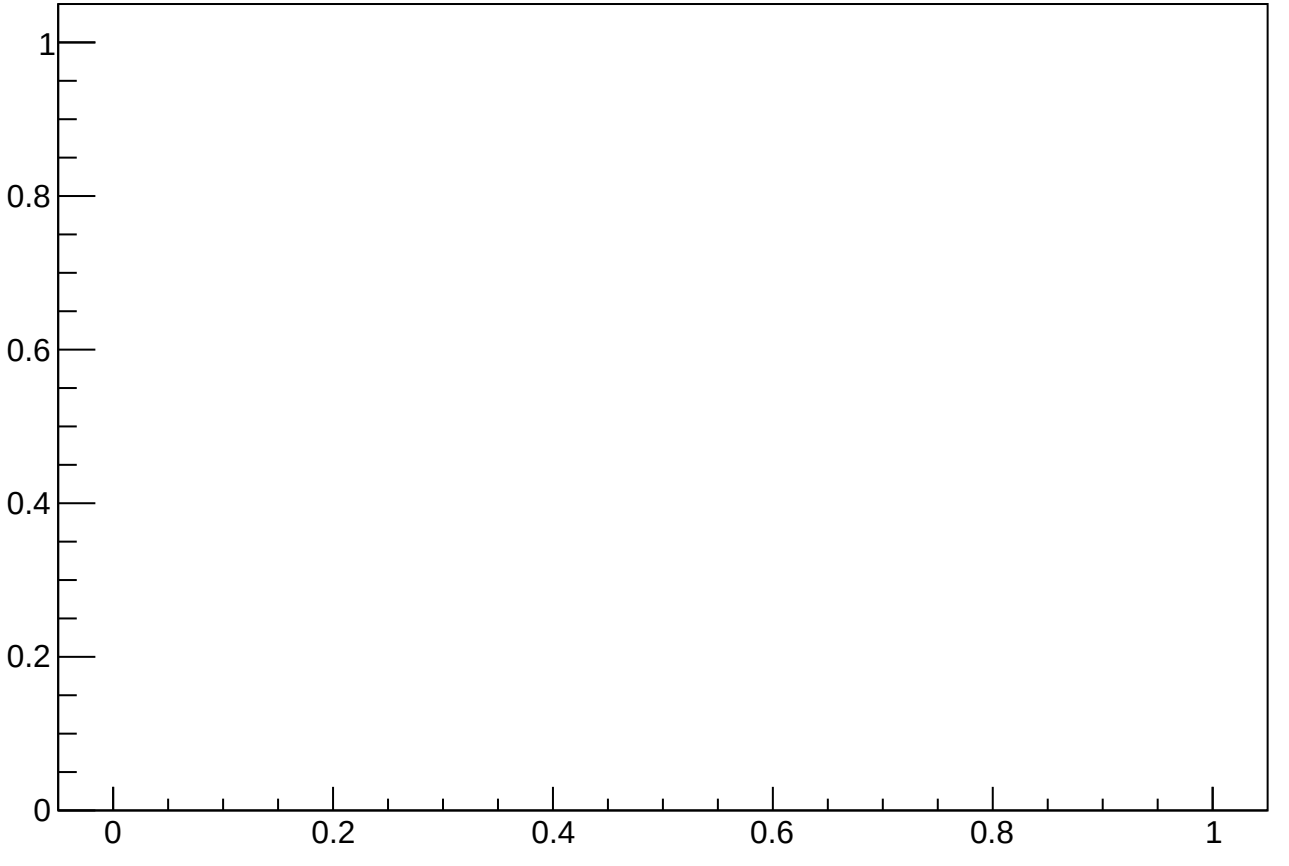
dit_atl1_coil1_mean vs Slug, Sign Corrected



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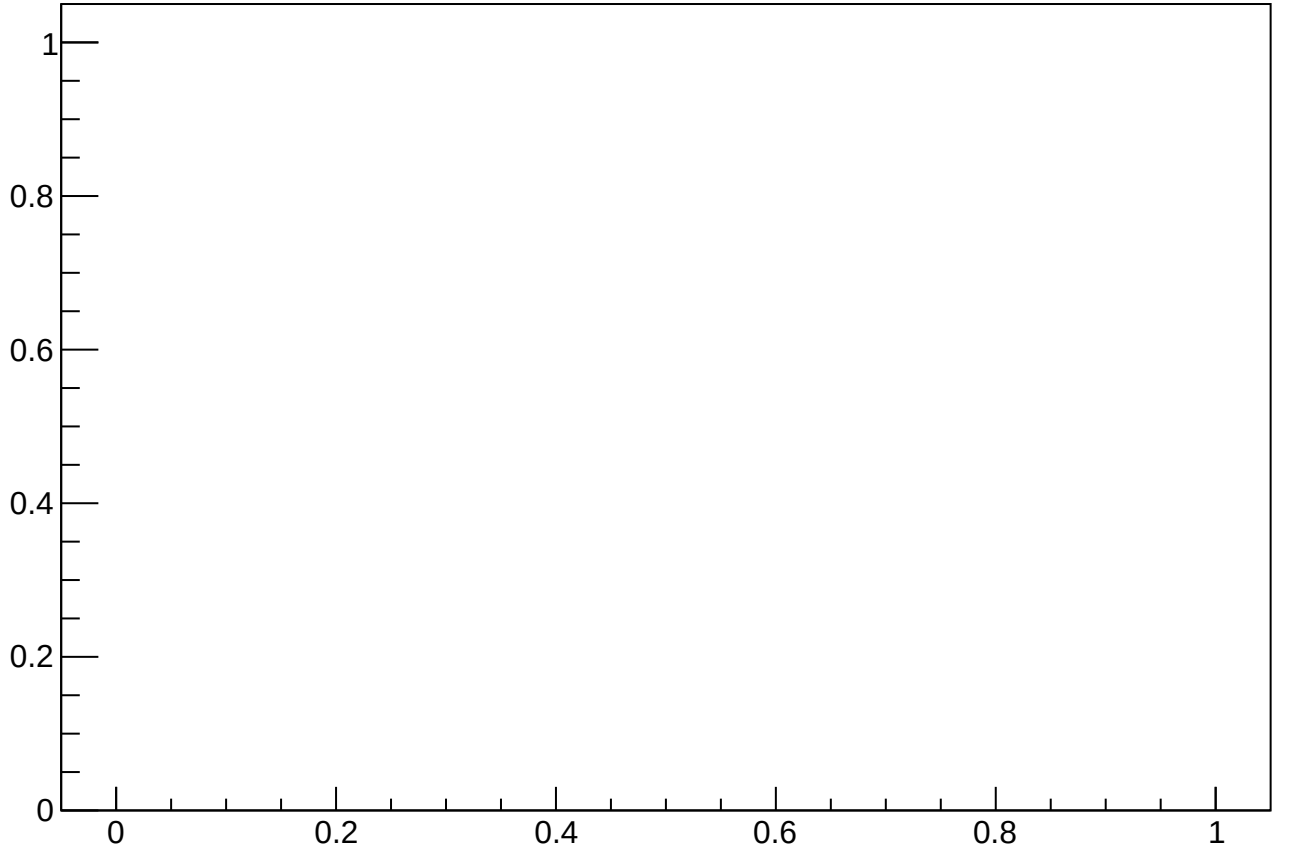
dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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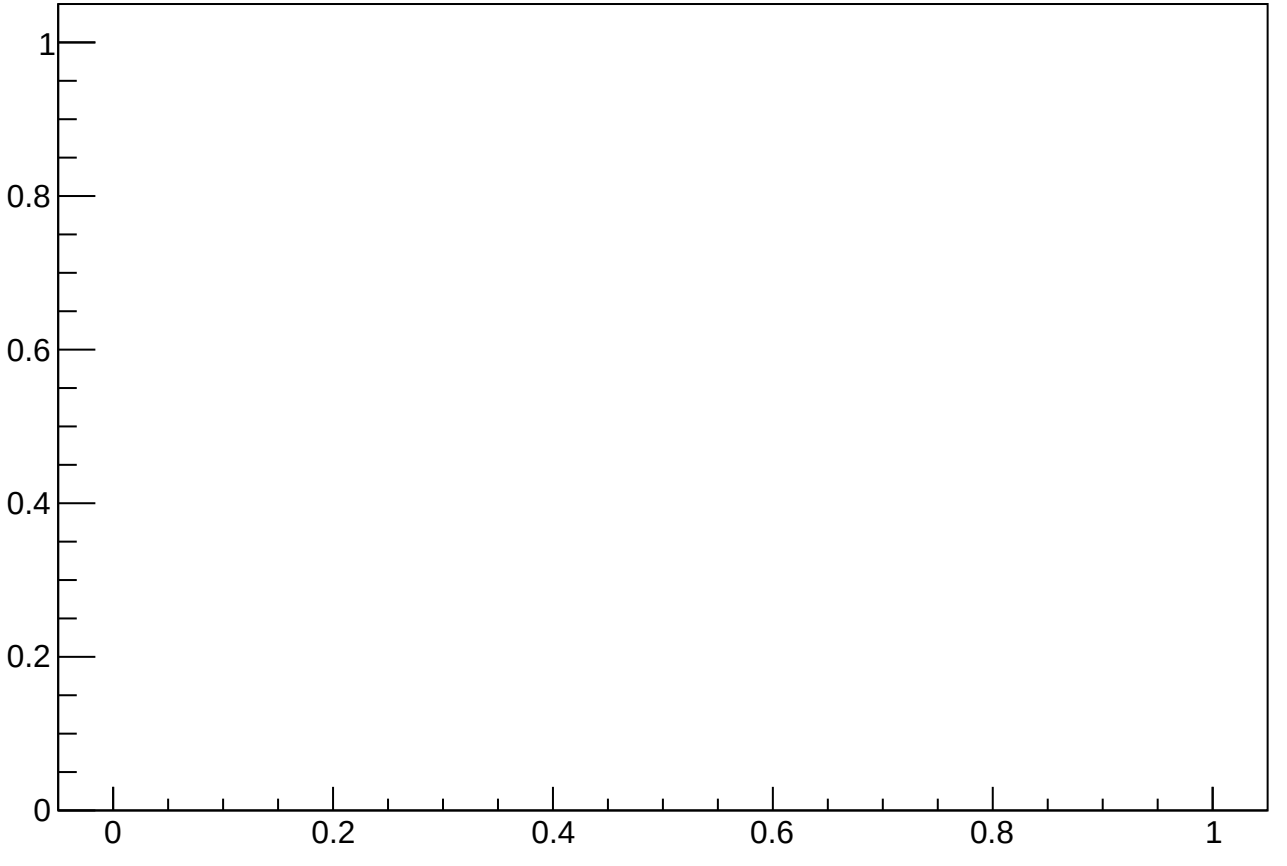
dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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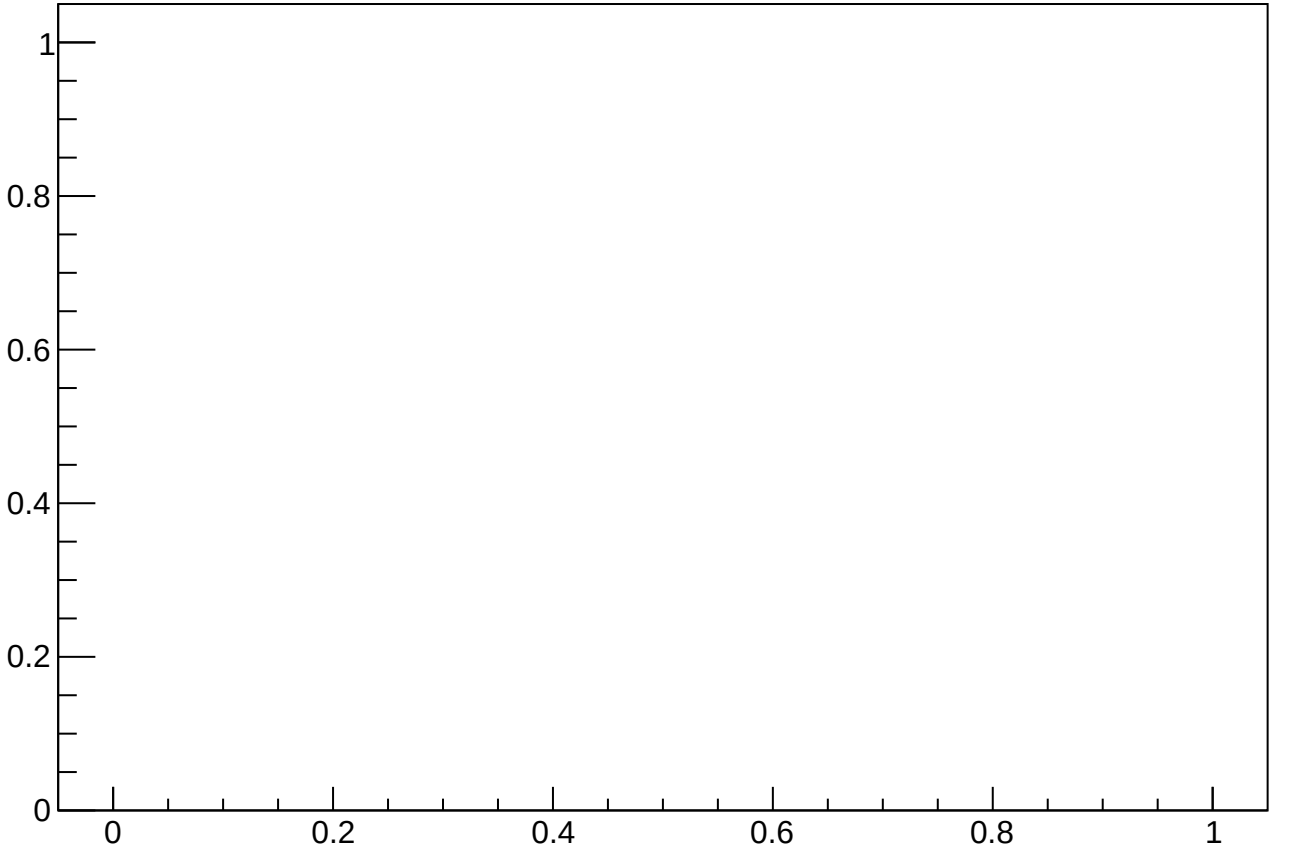
dit_atl2_coil1_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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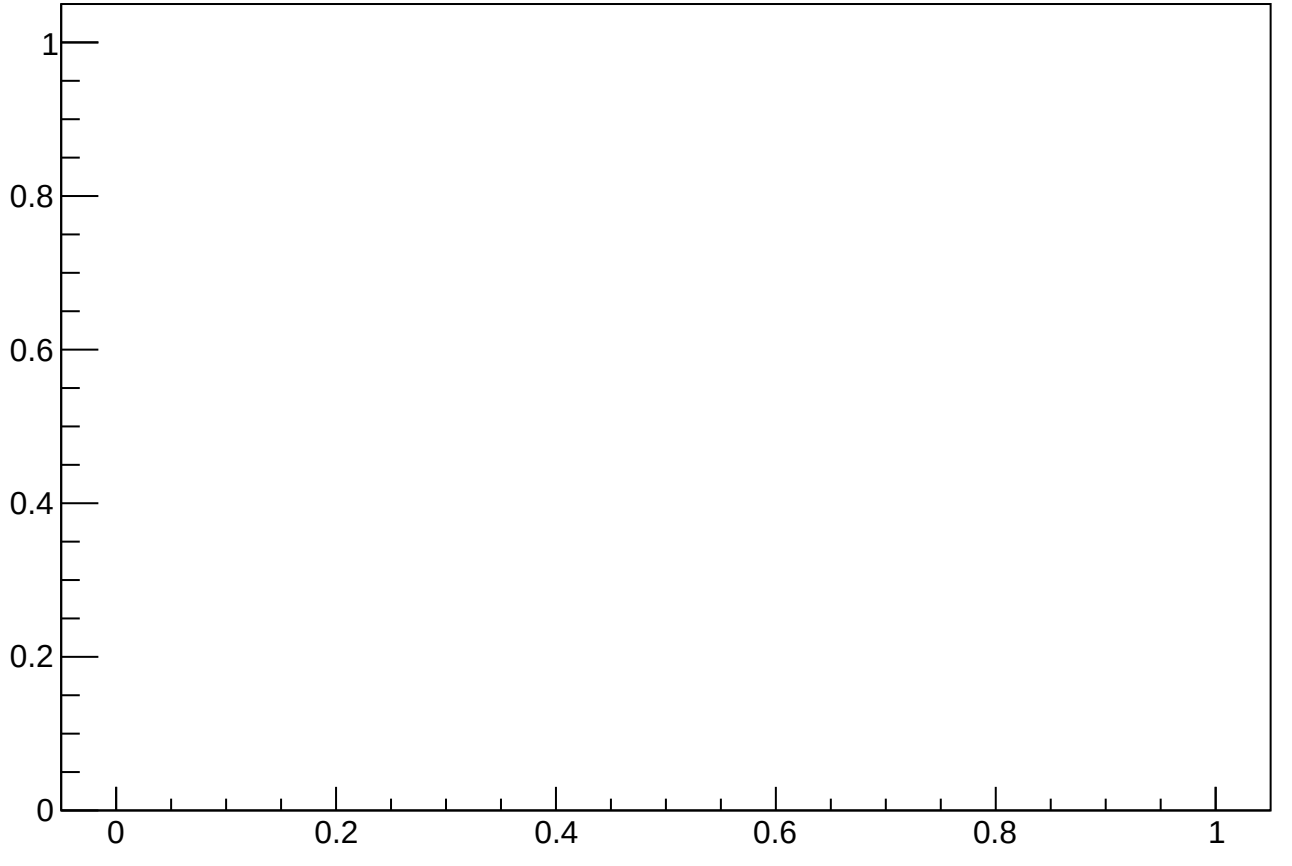
dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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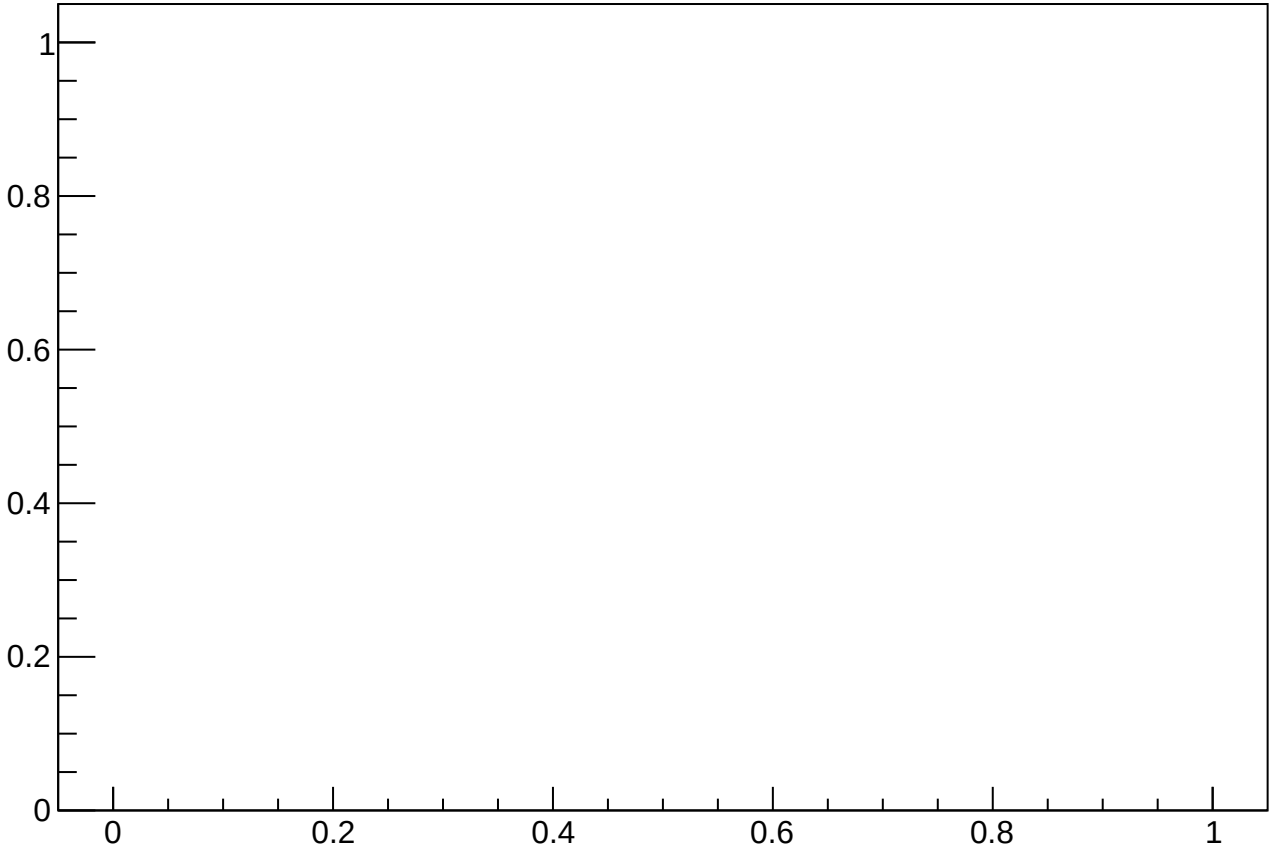
dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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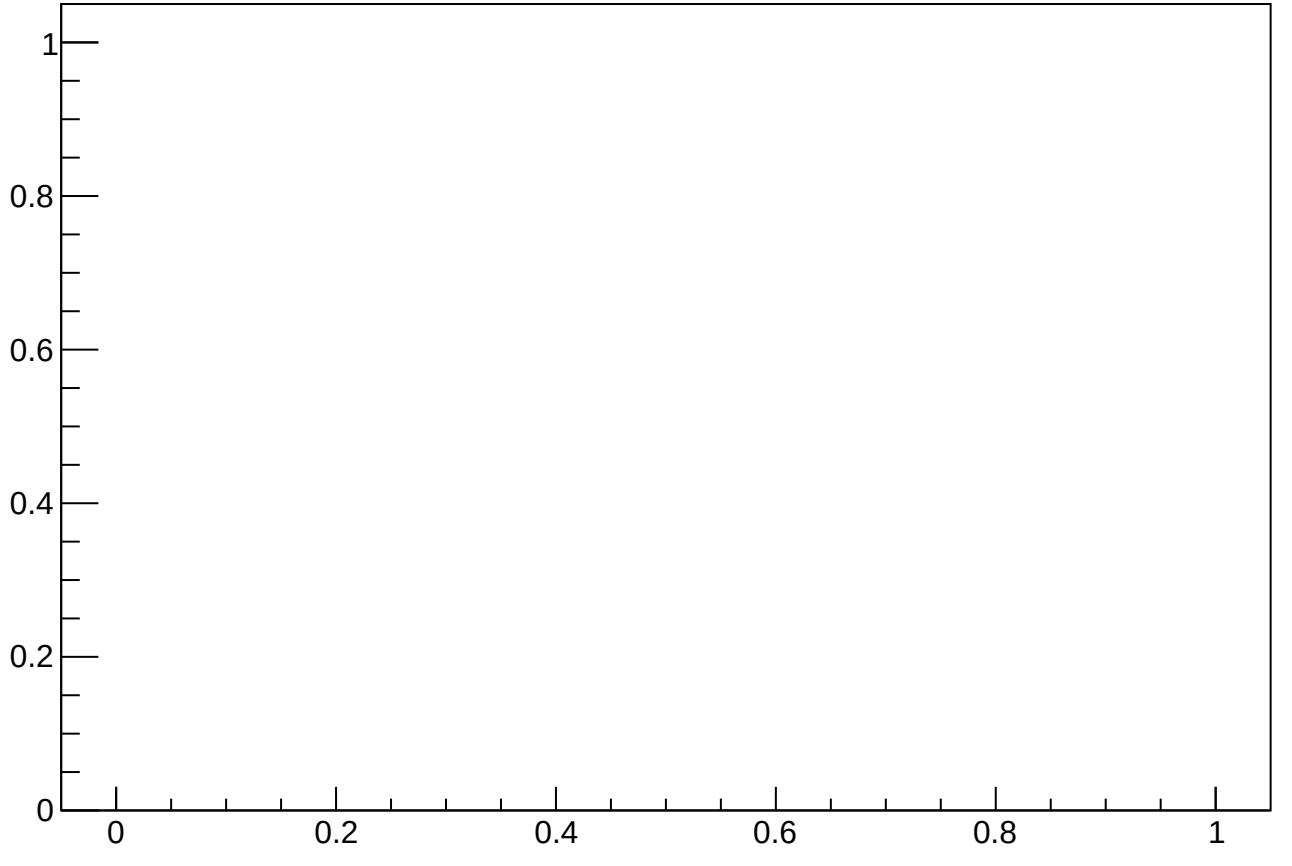
dit_atr1_coil1_mean vs Slug, Sign Corrected



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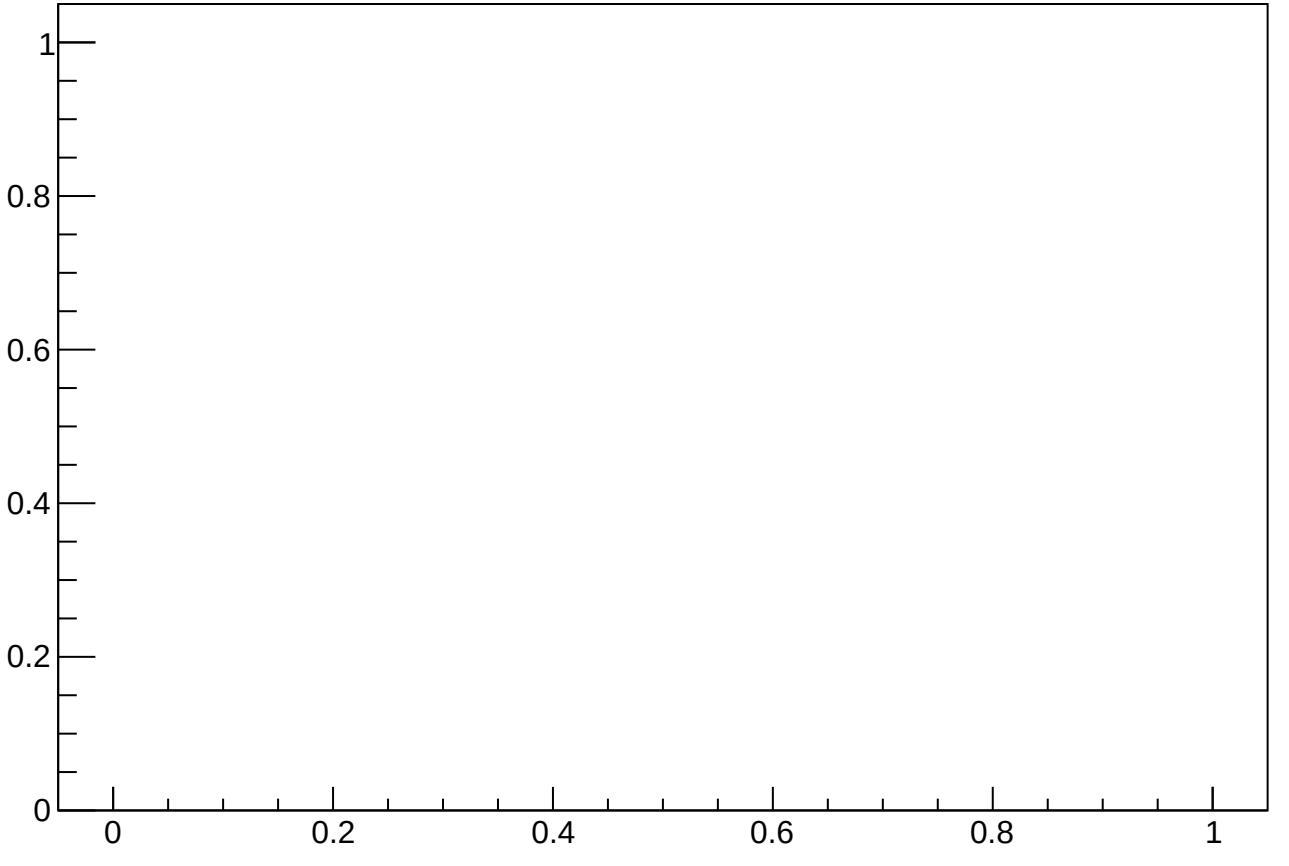
dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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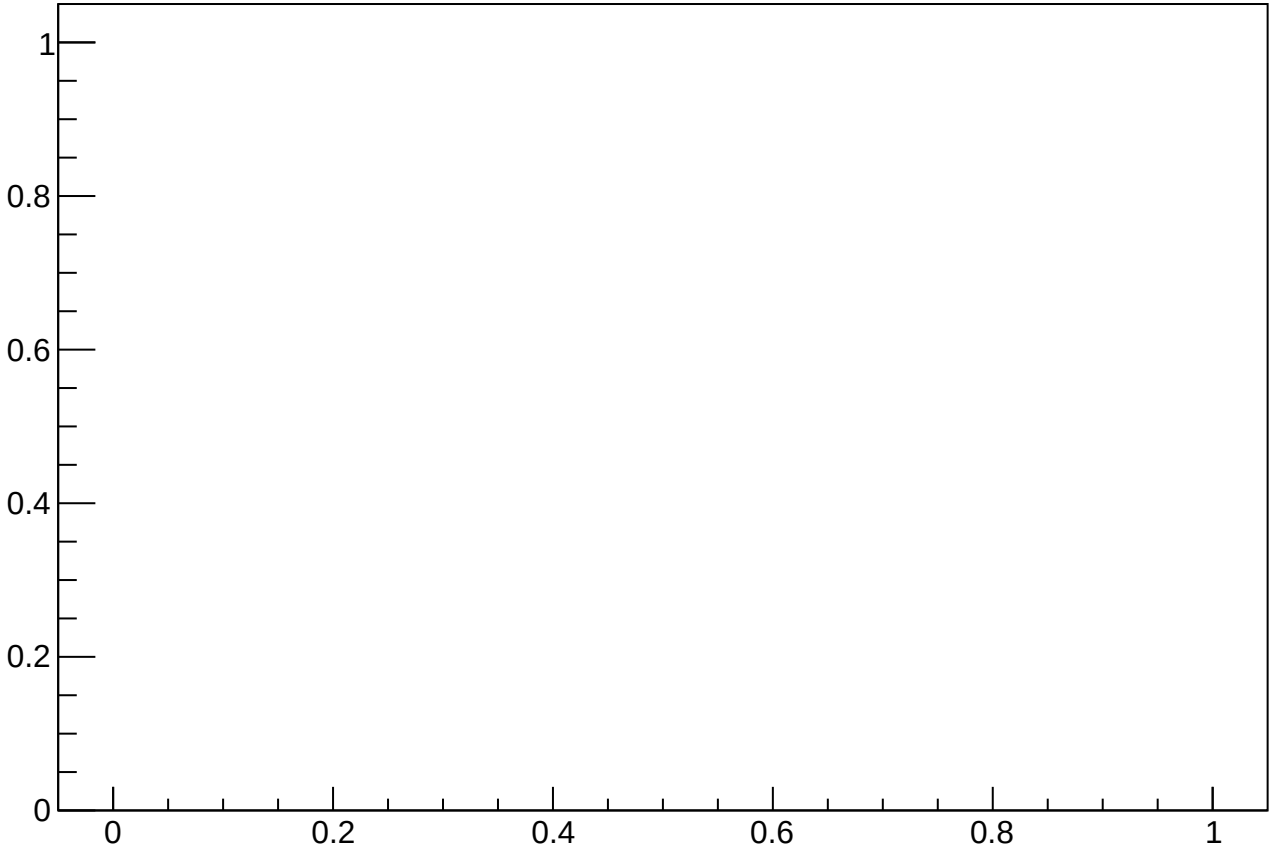
dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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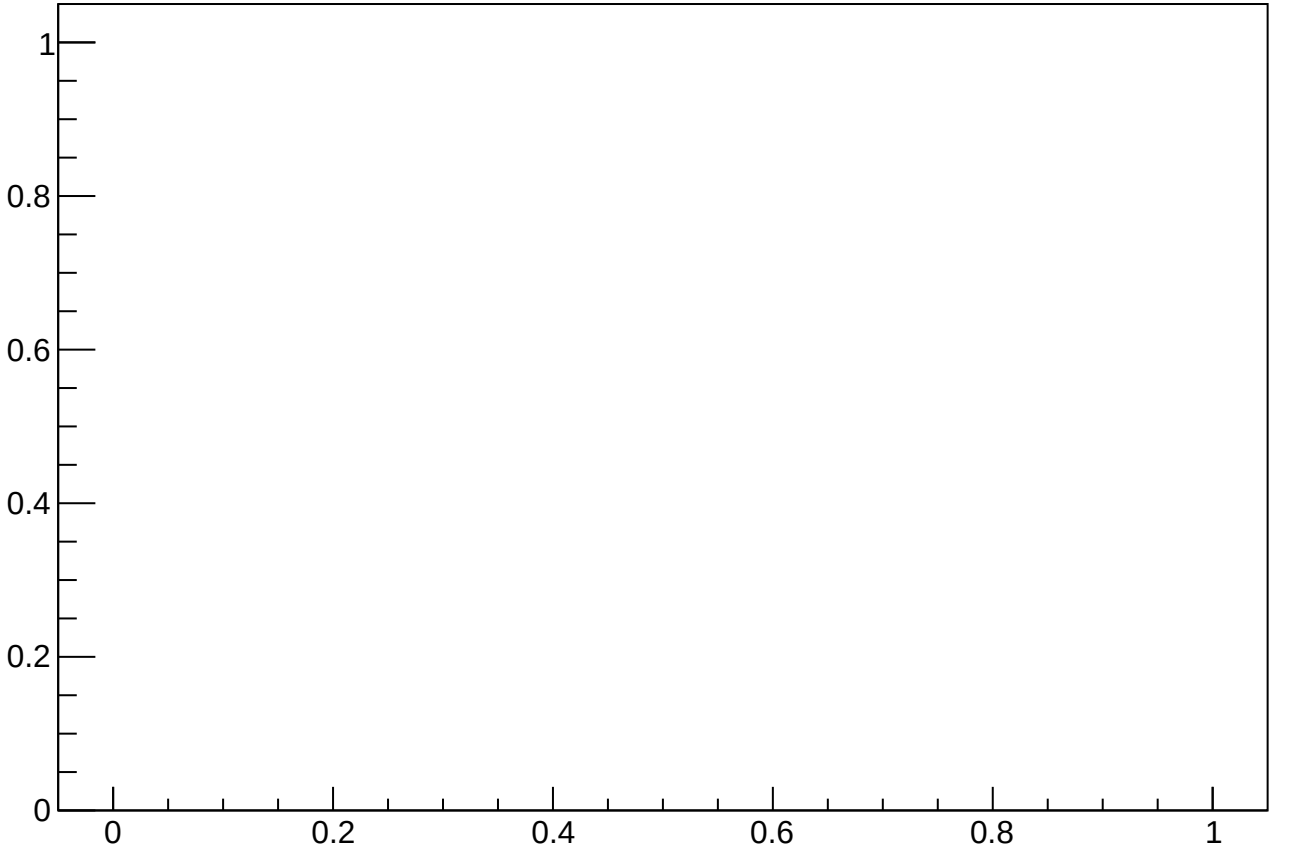
dit_atr2_coil1_mean vs Slug, Sign Corrected



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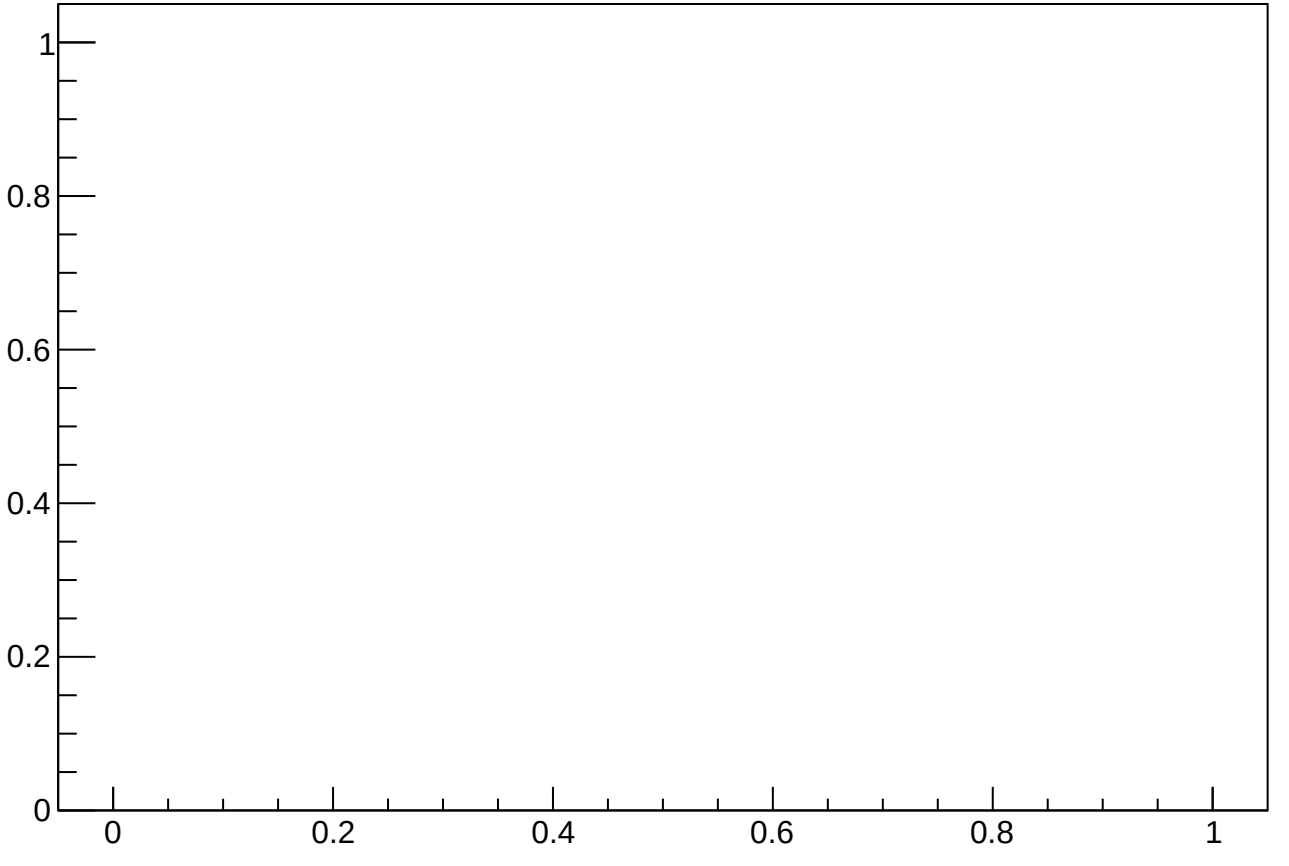
dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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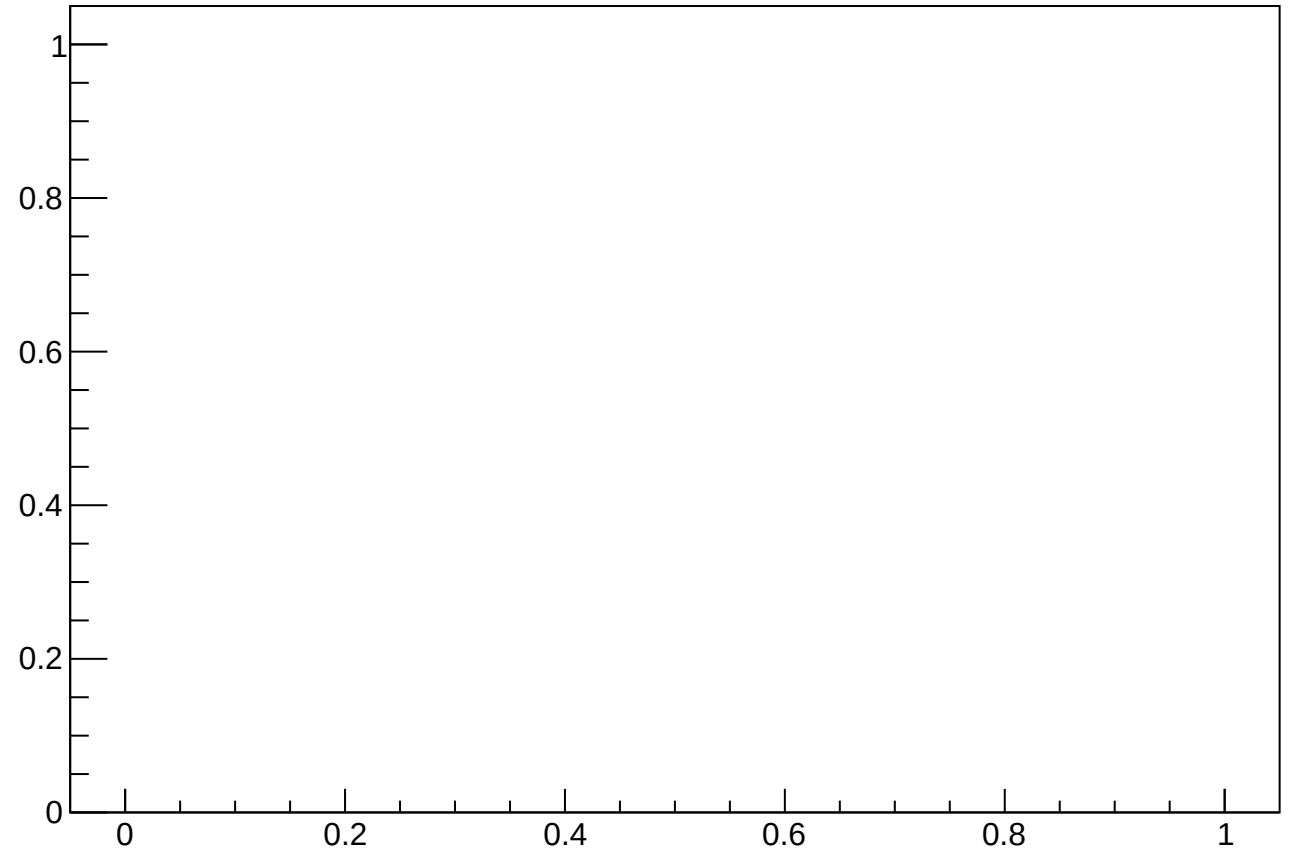

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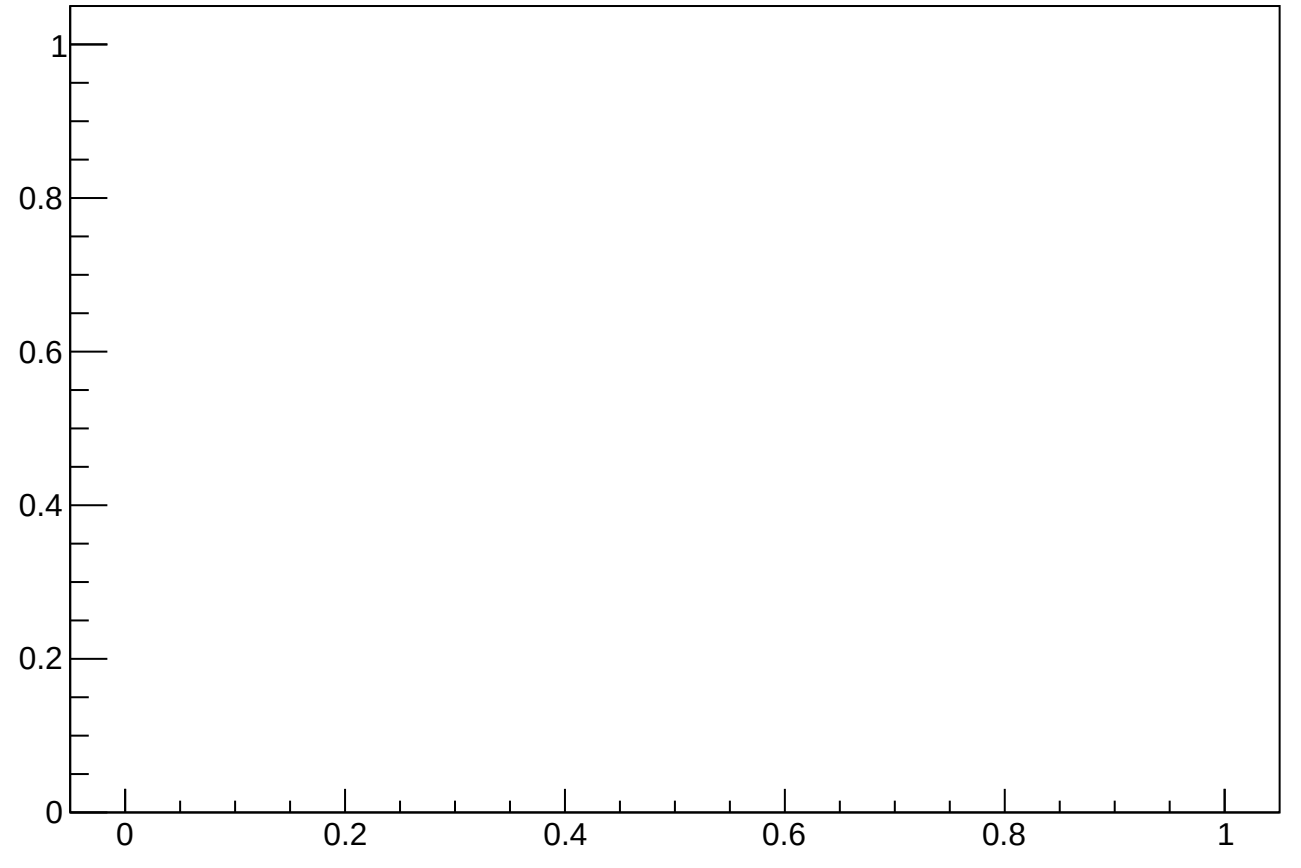

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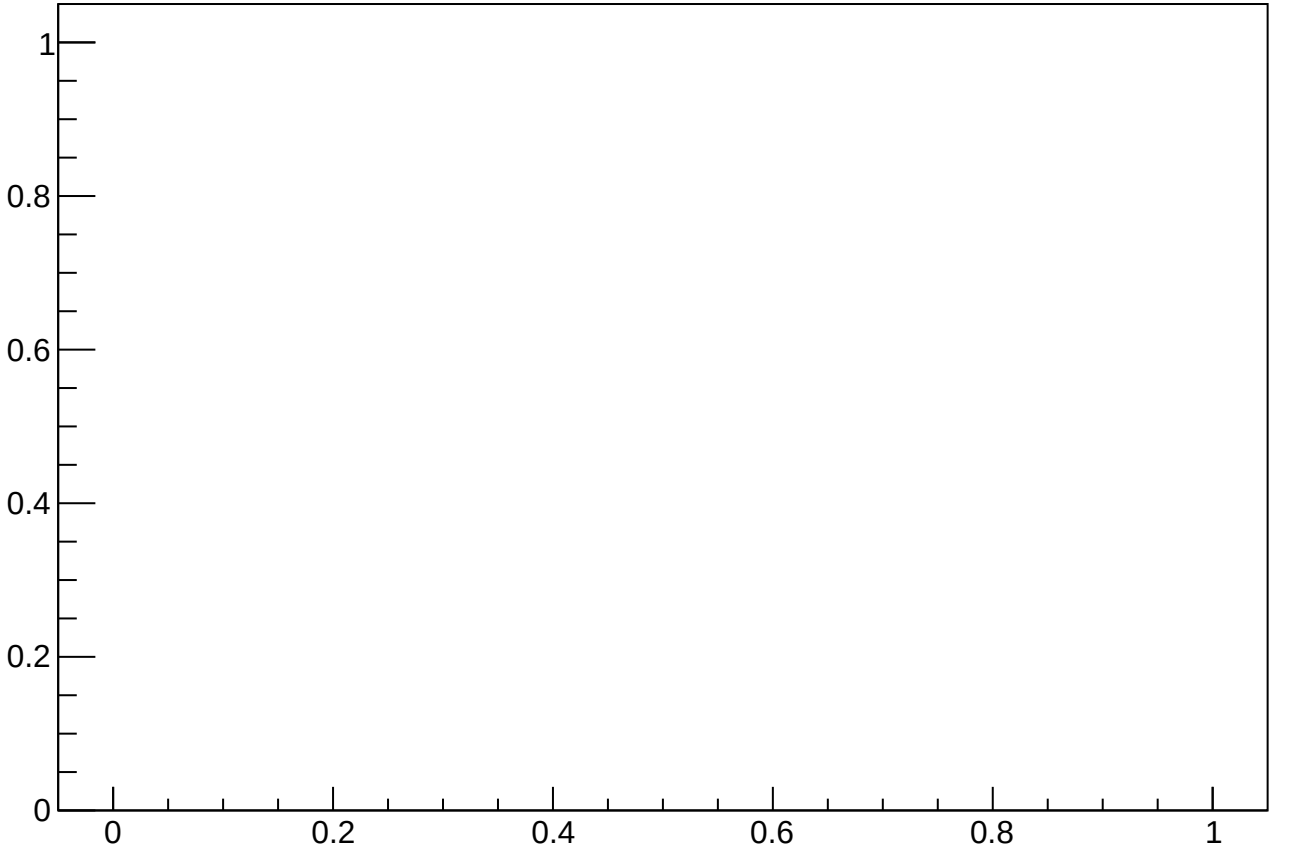
dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

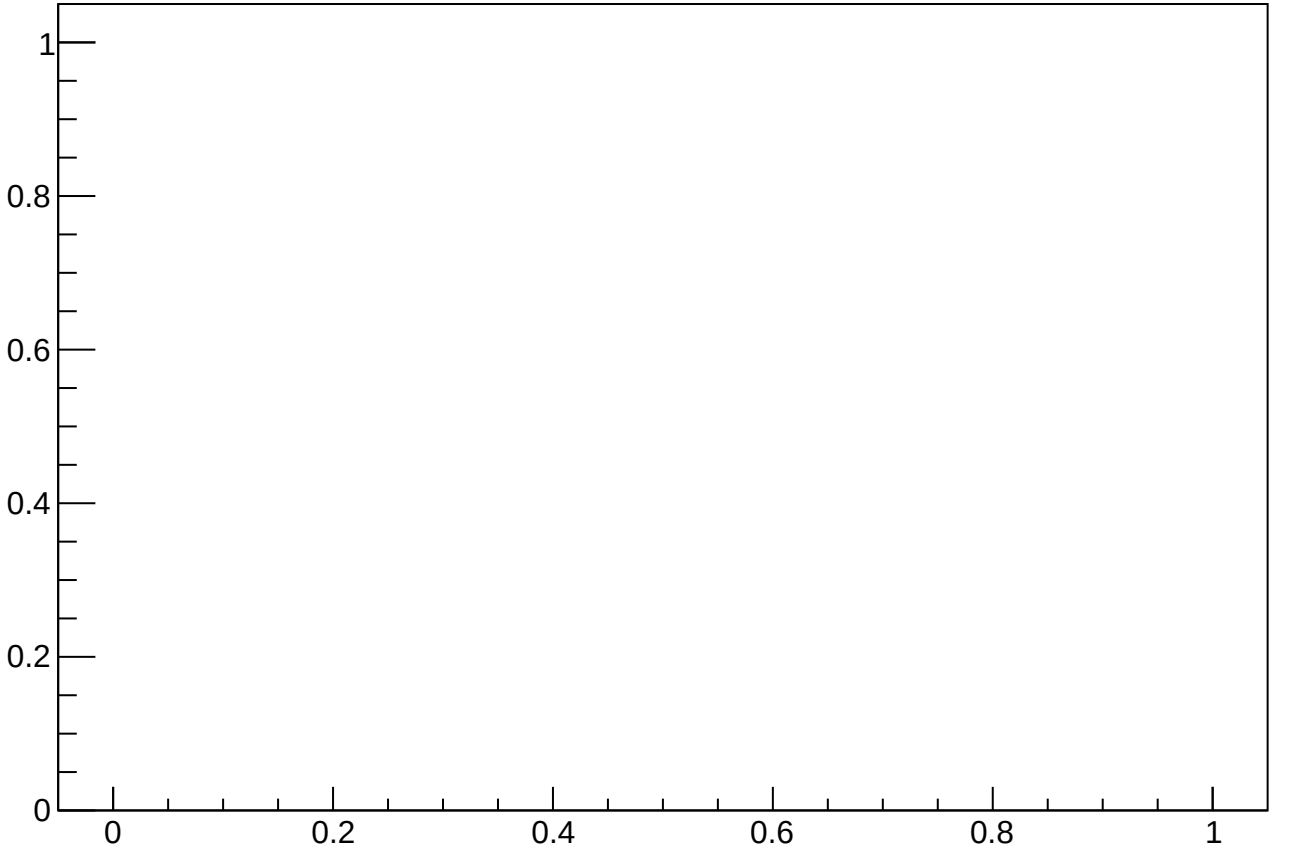
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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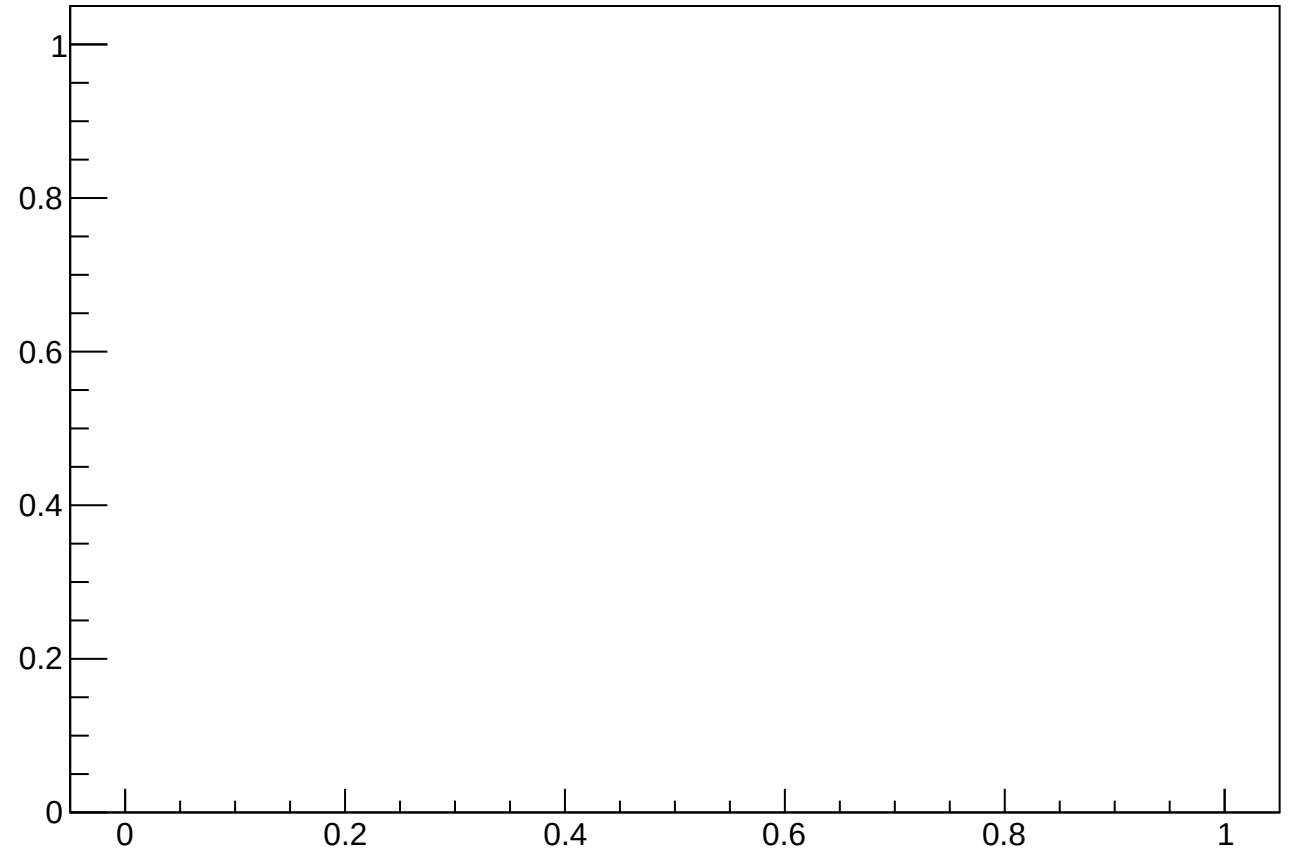
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

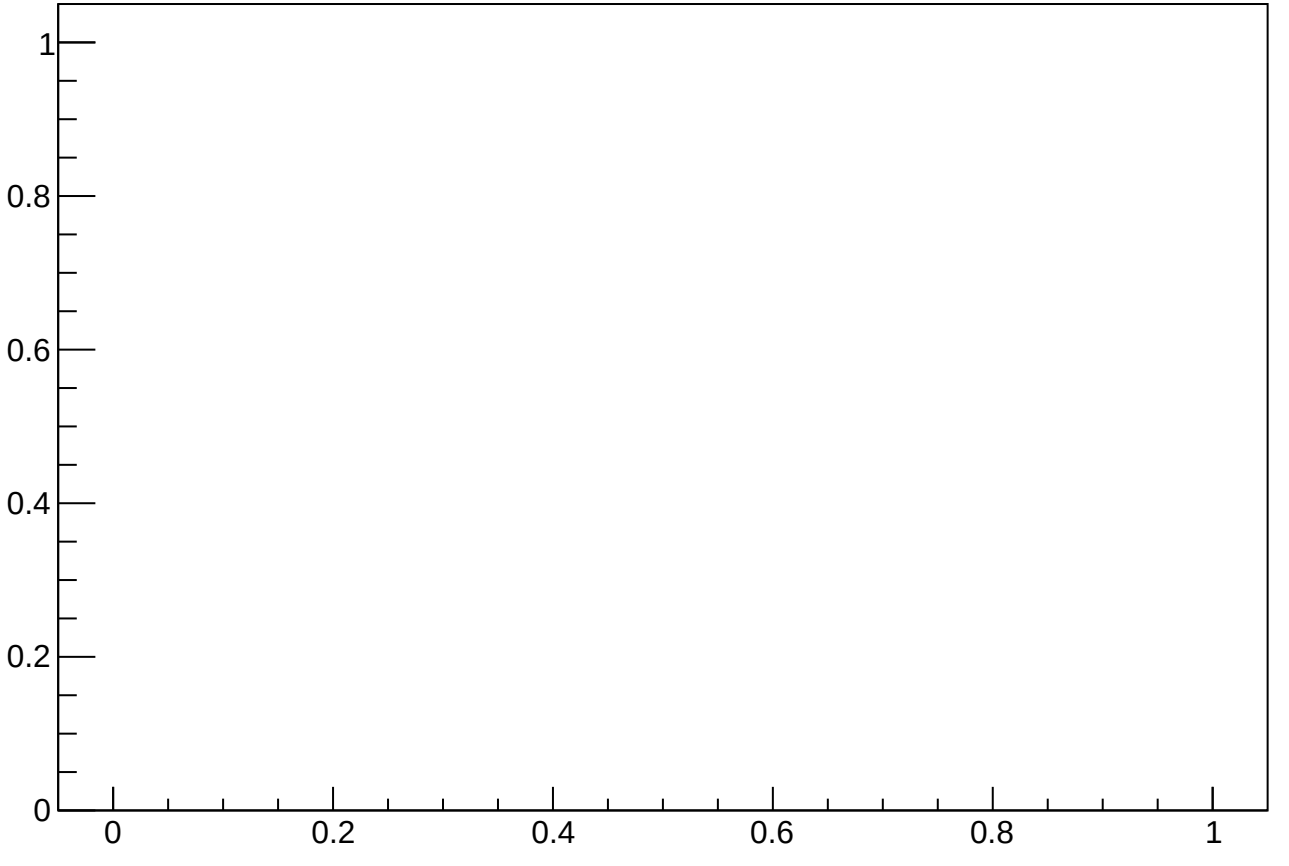
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

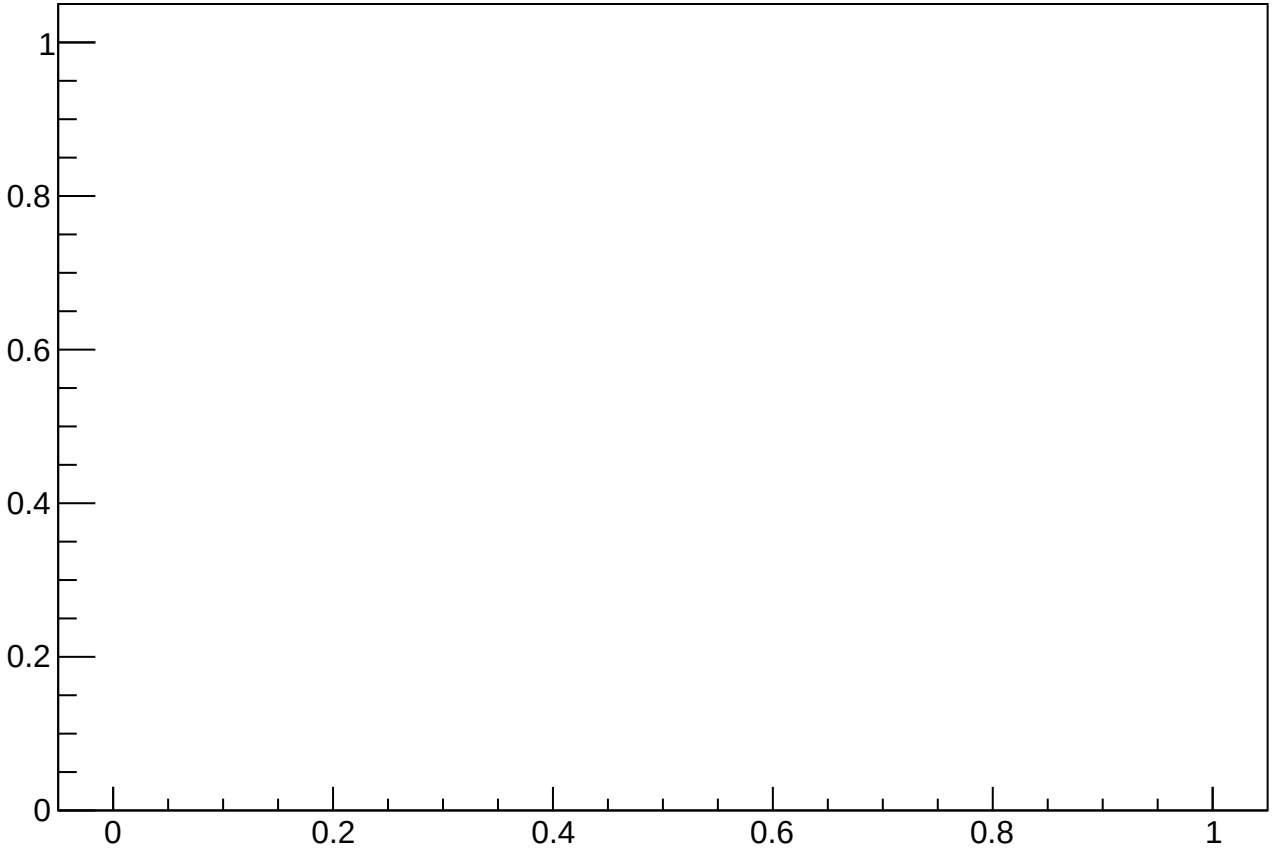
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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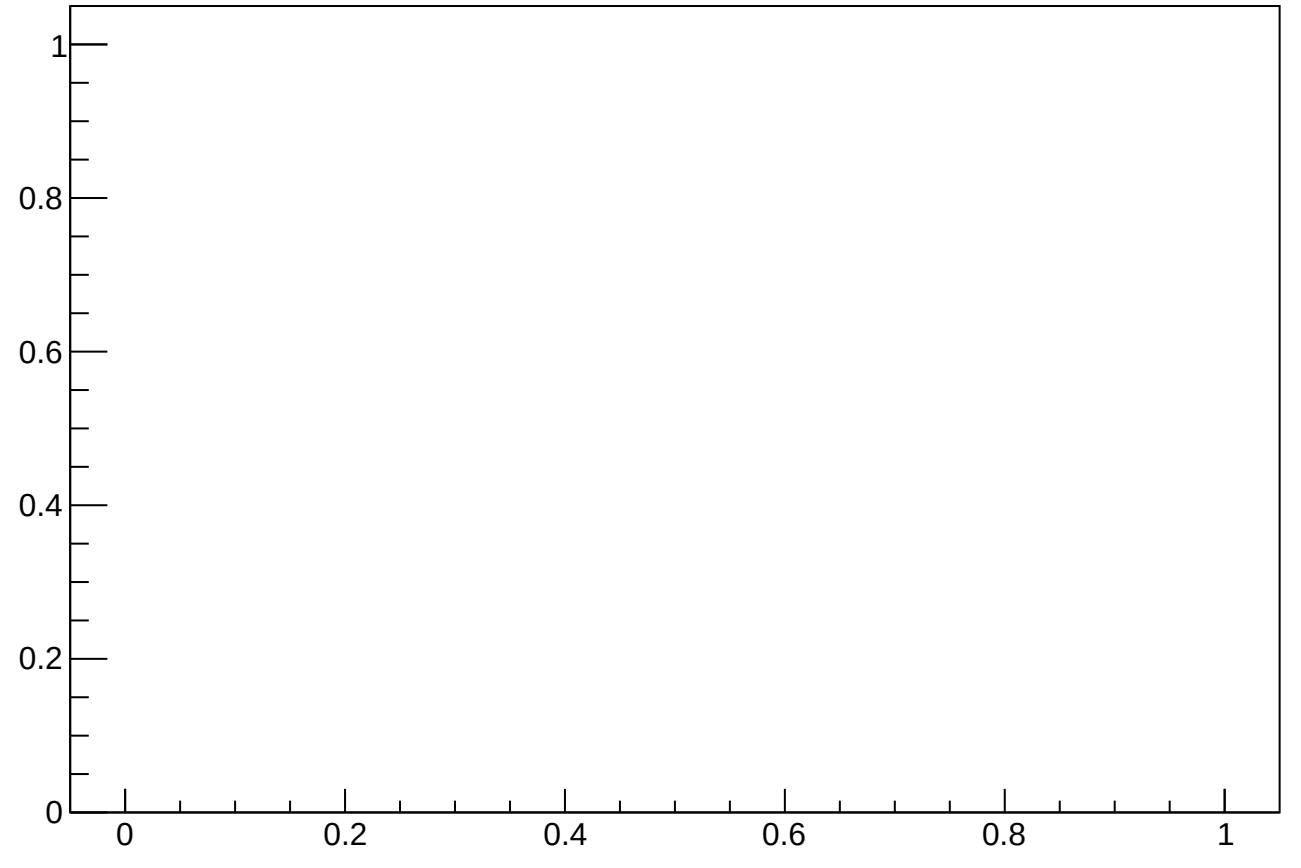

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

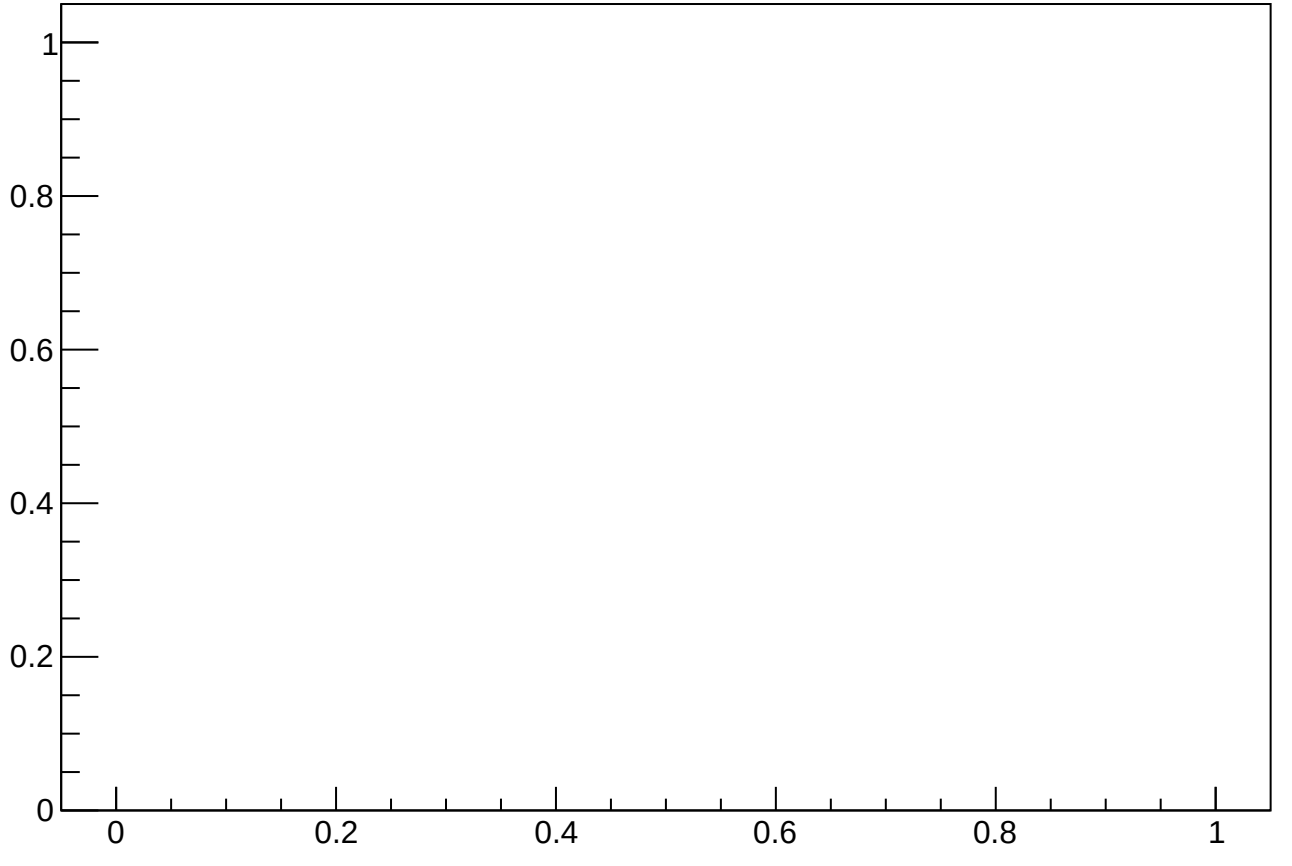
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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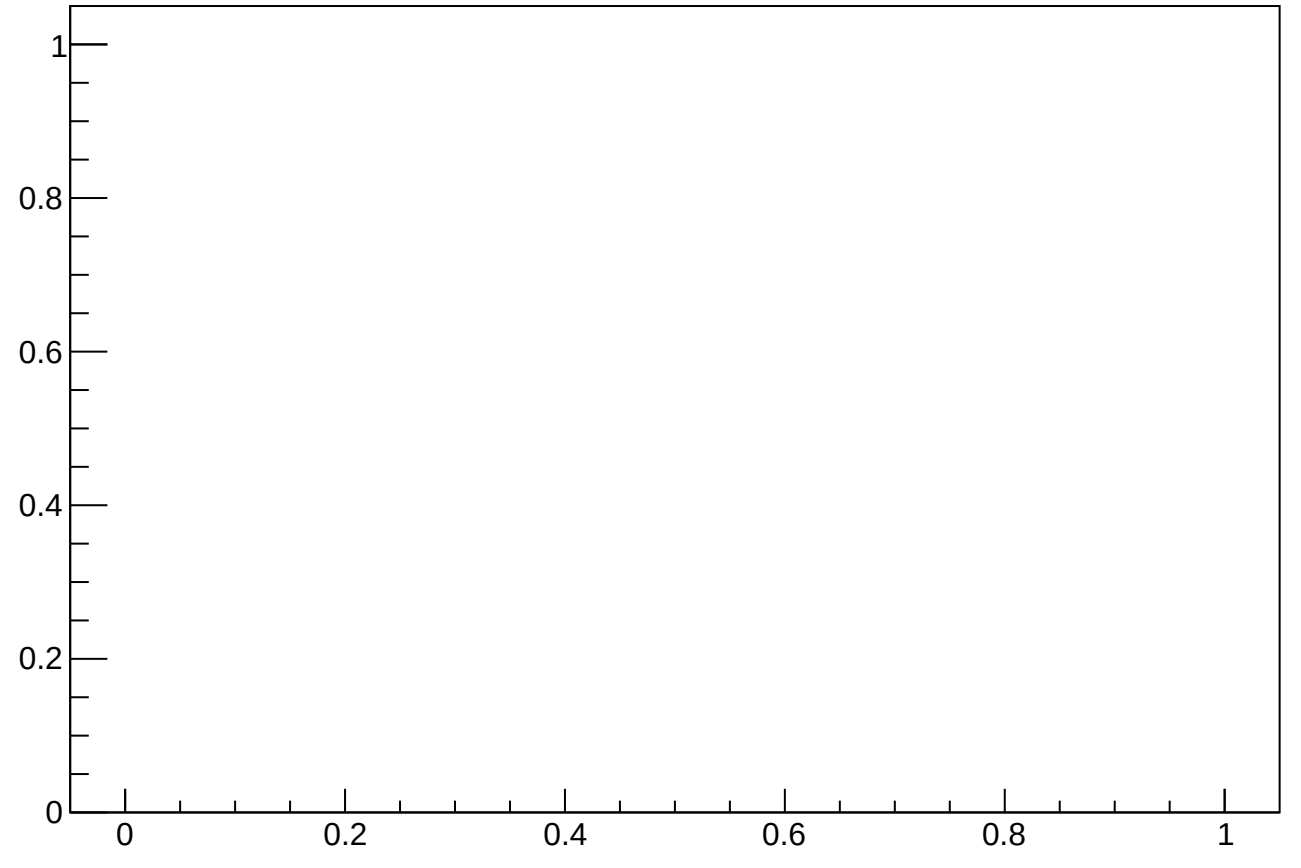

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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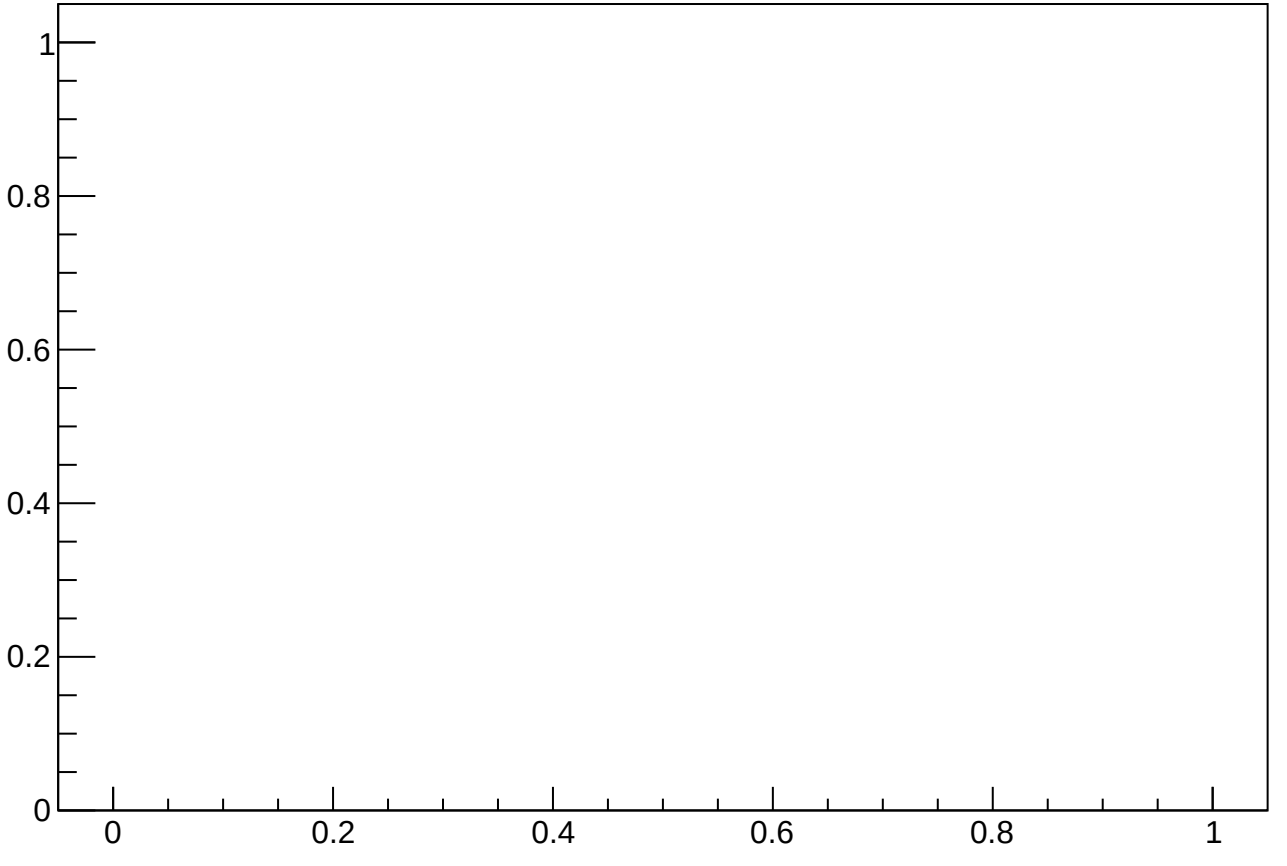
dit_sam4_coil1_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

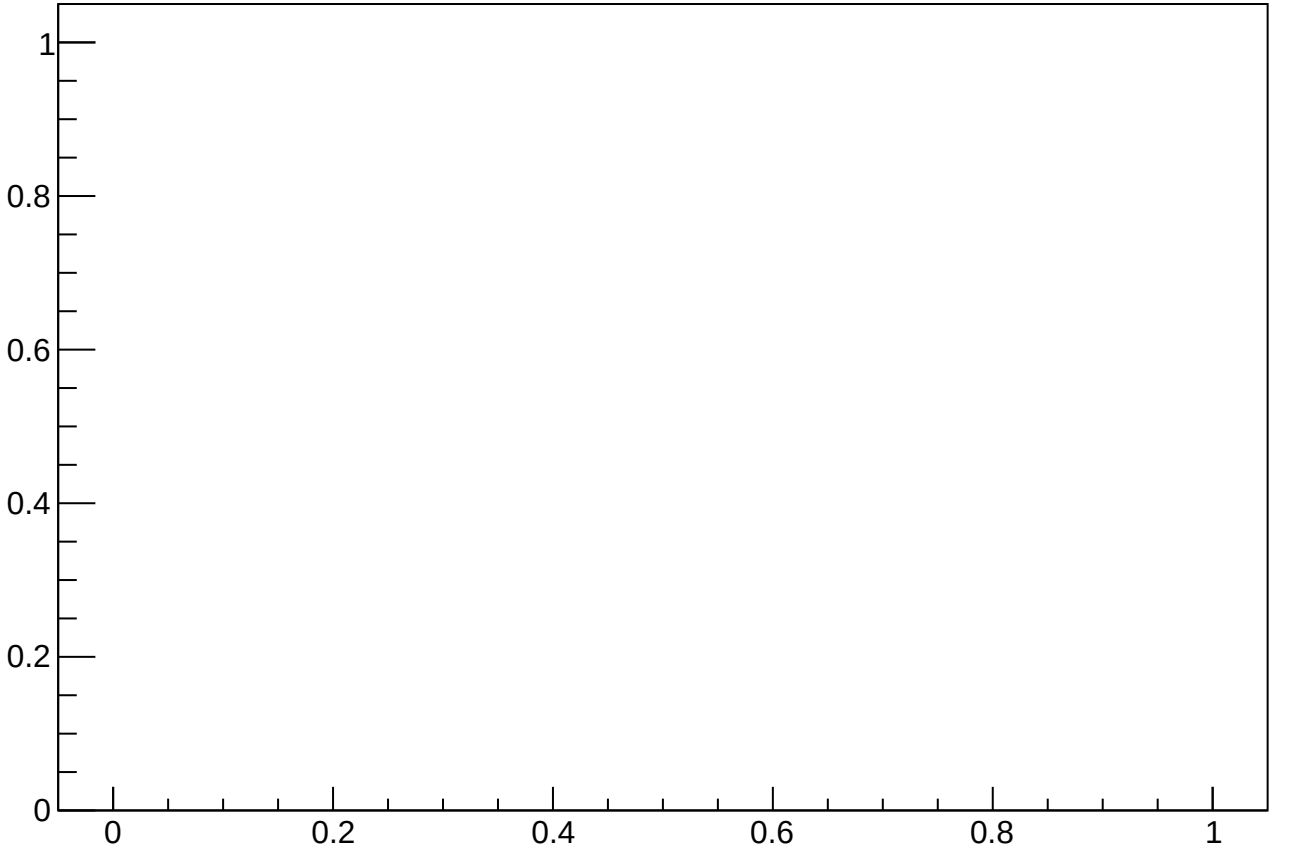
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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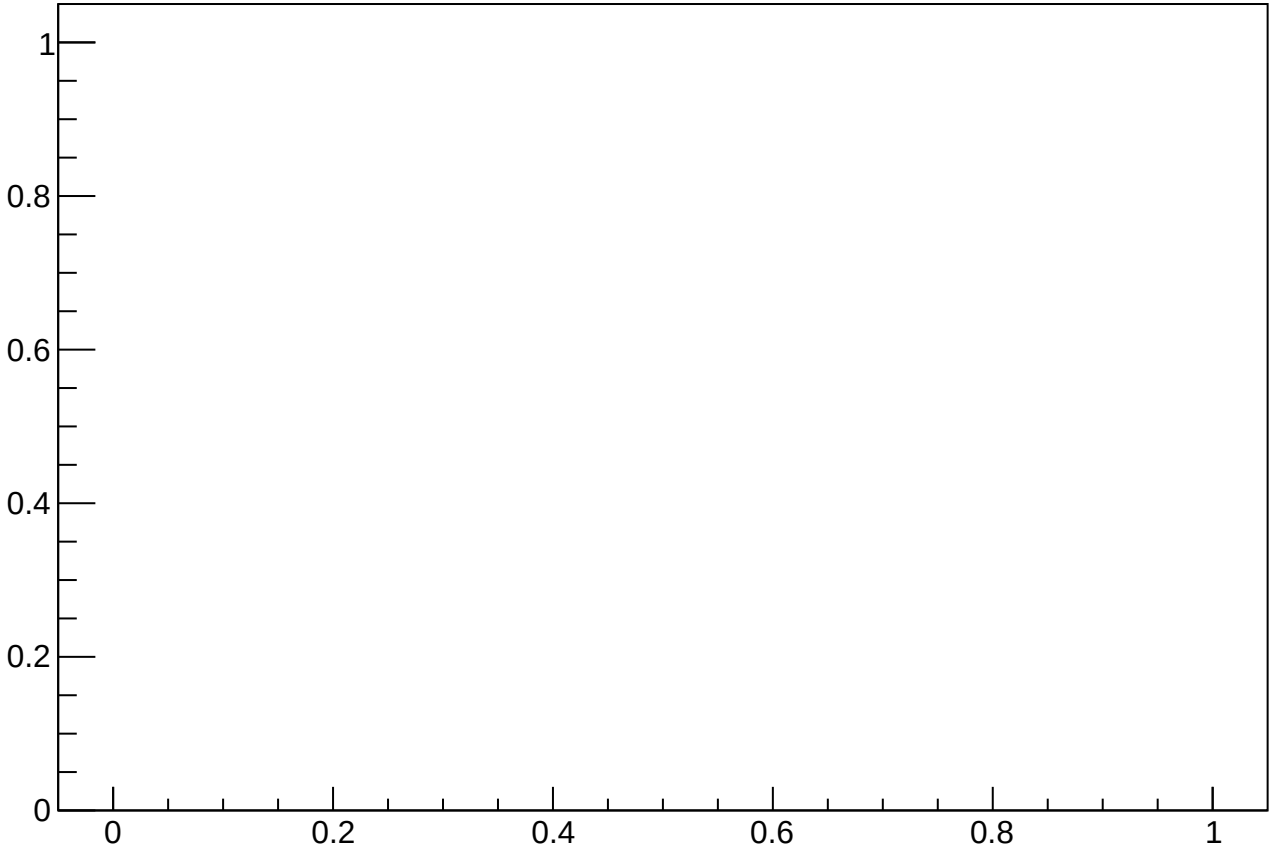
dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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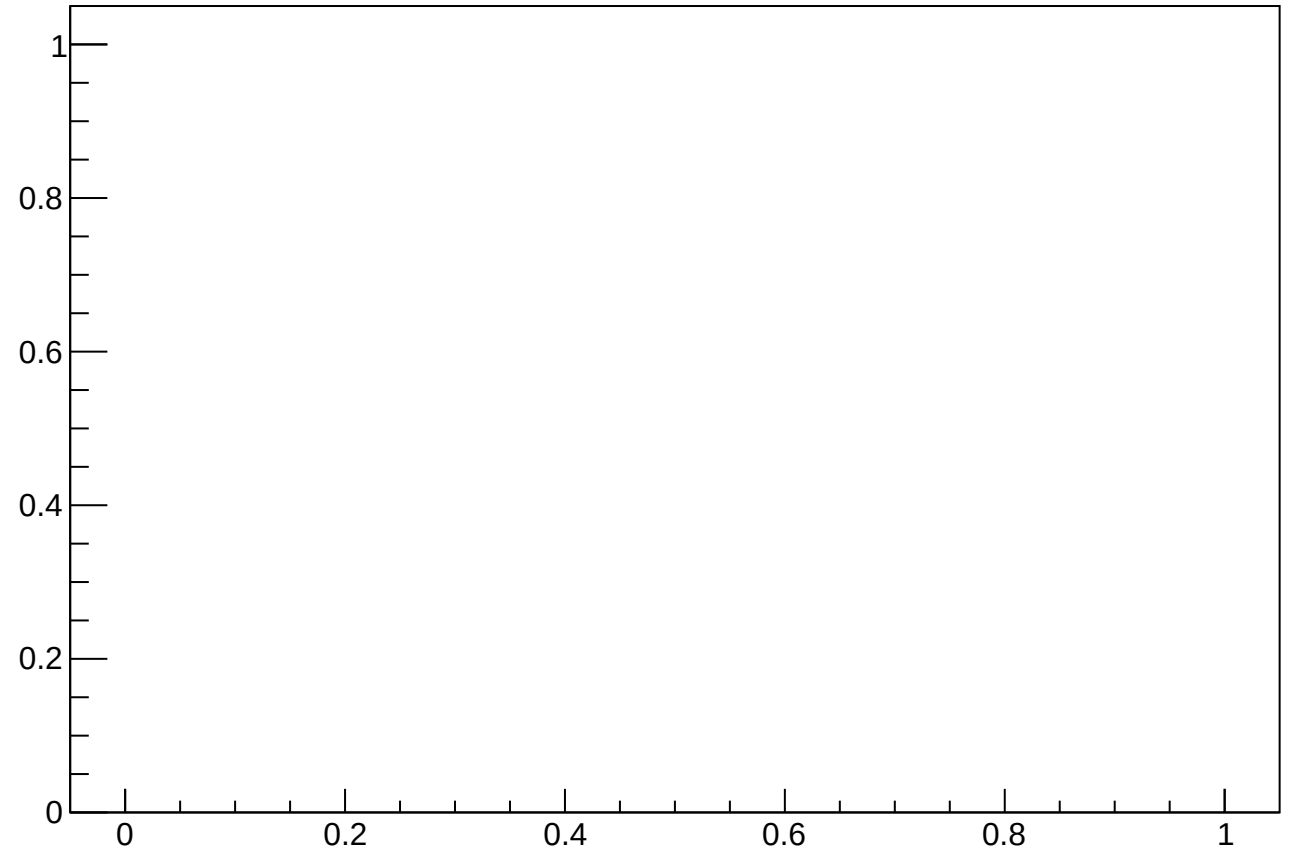

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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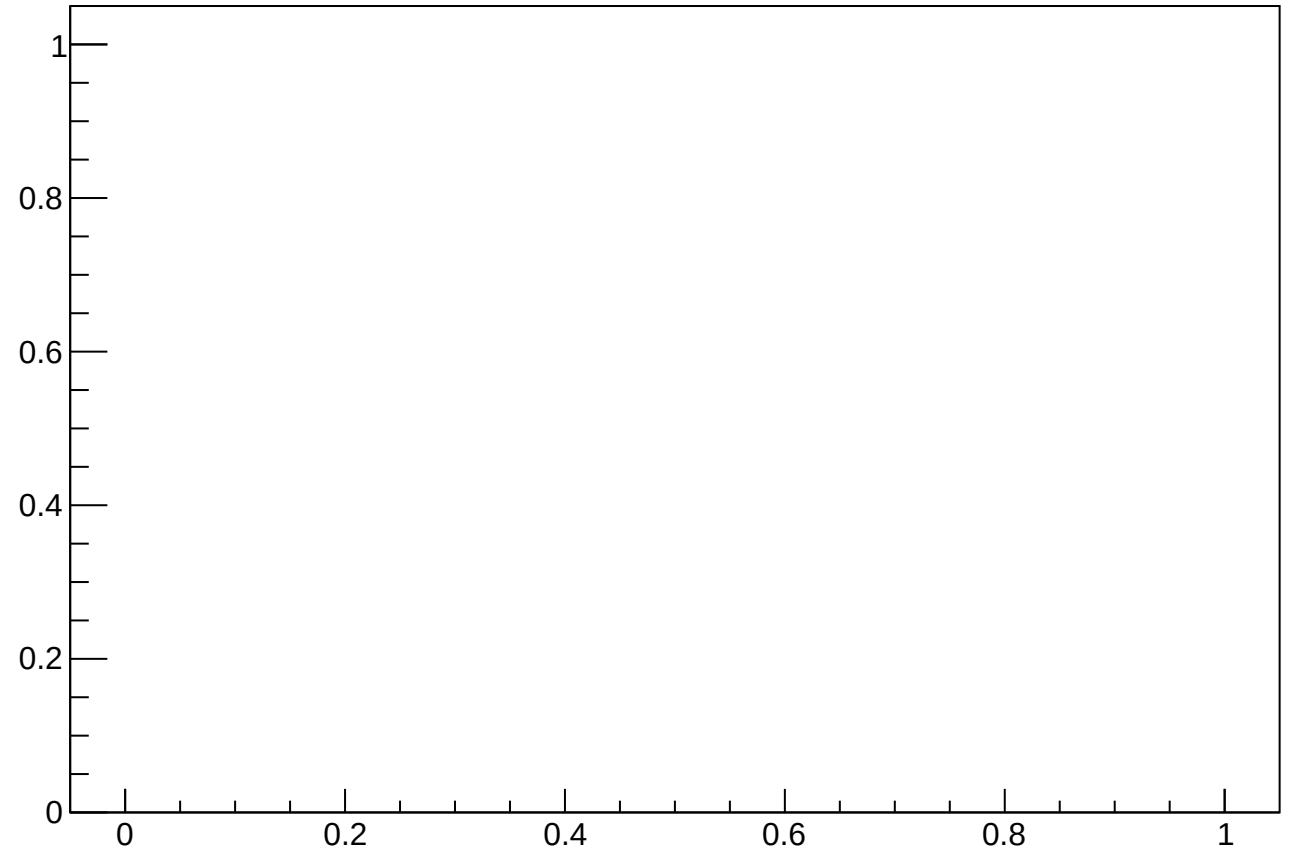

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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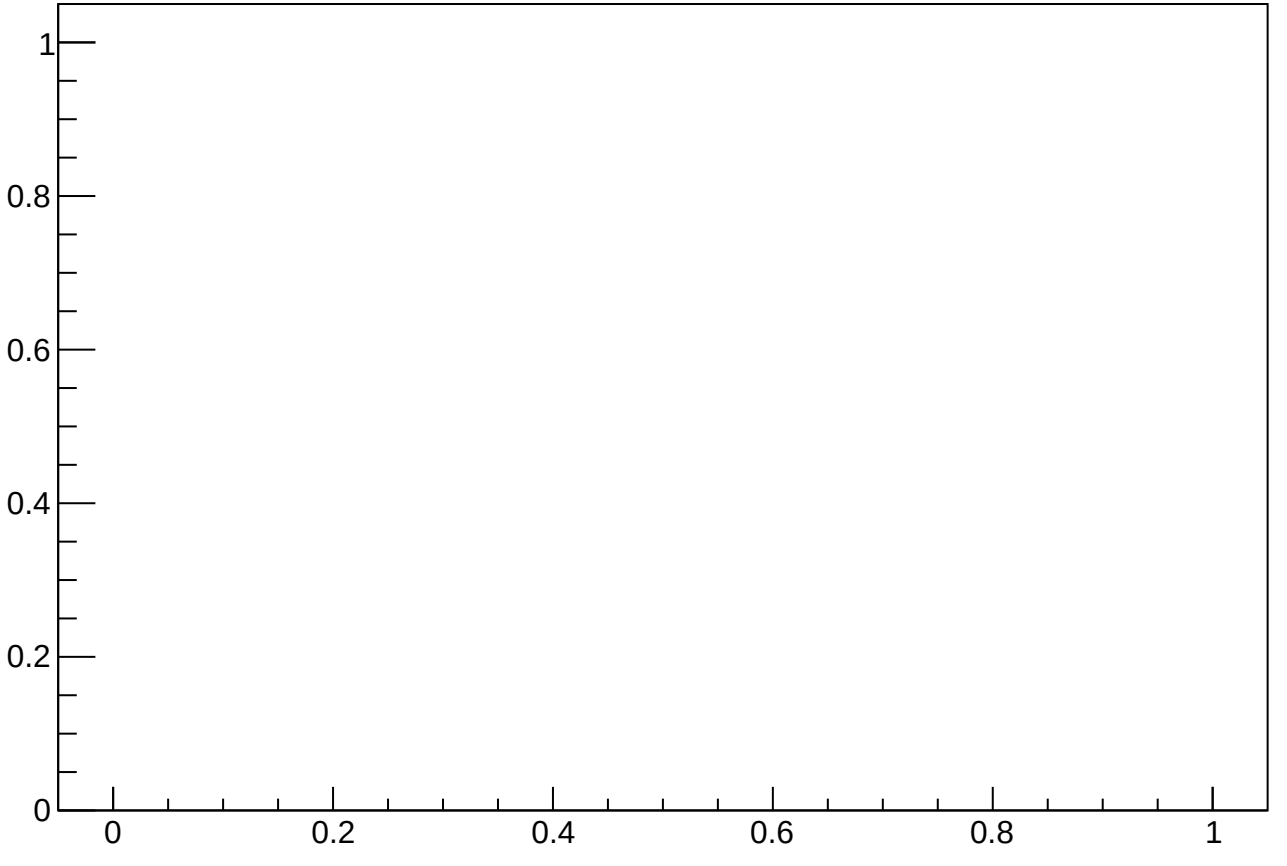
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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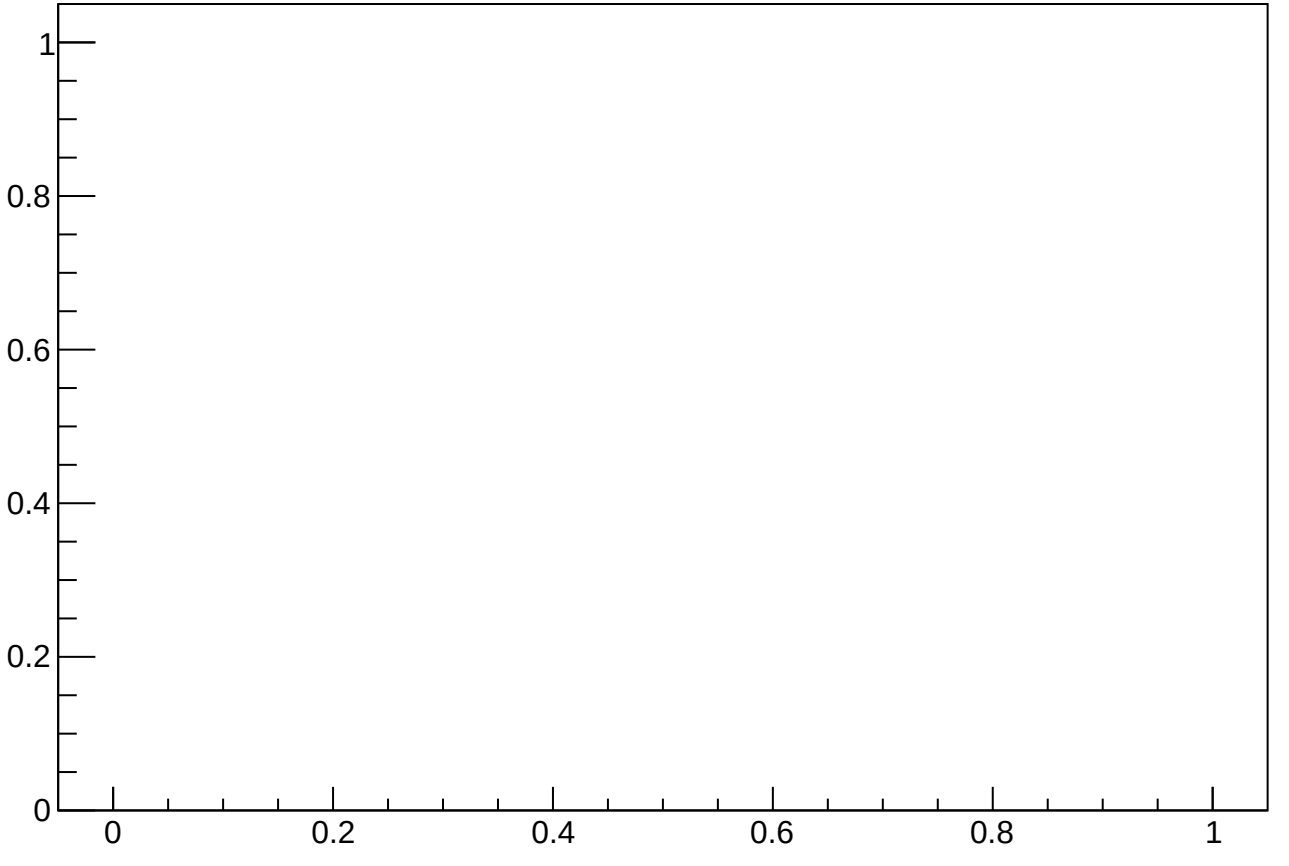
dit_sam6_coil1_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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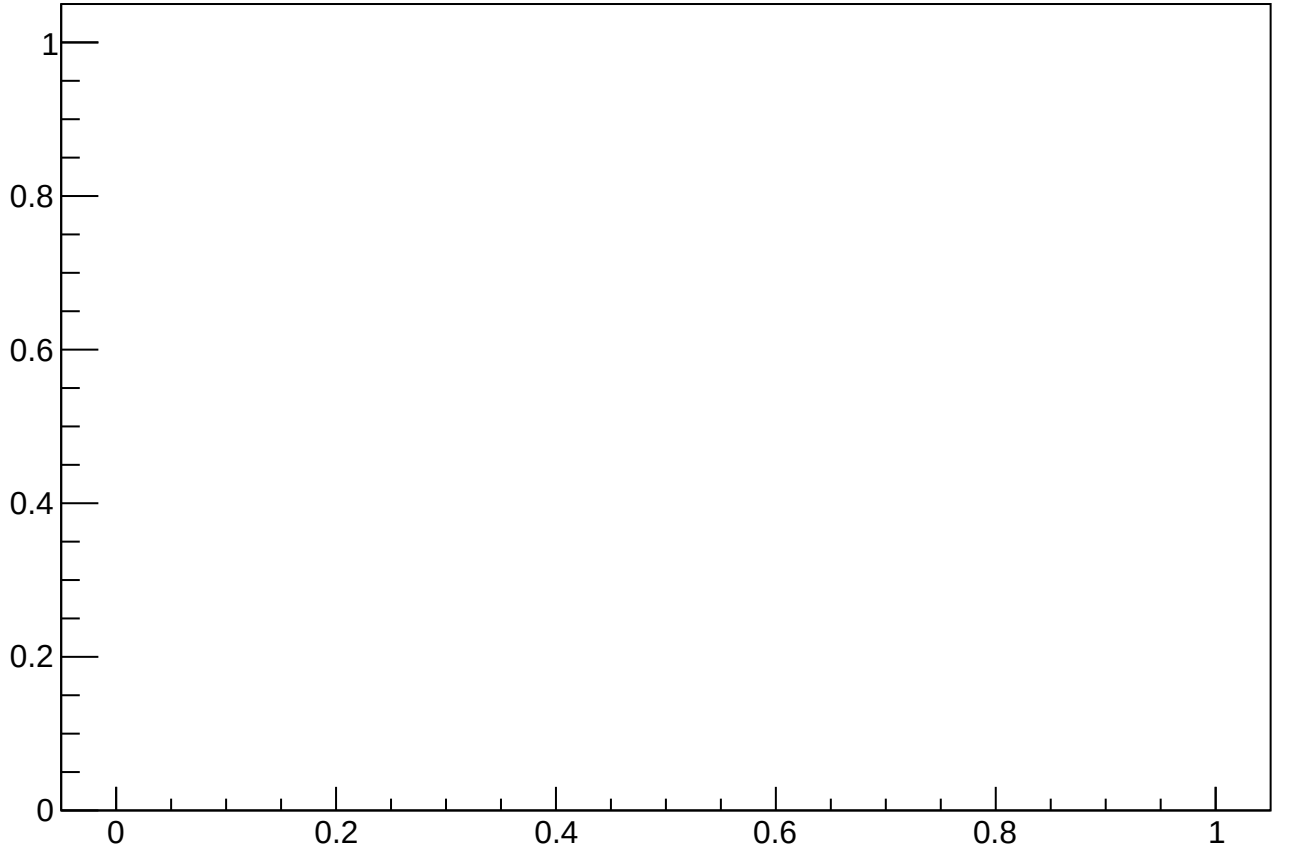
dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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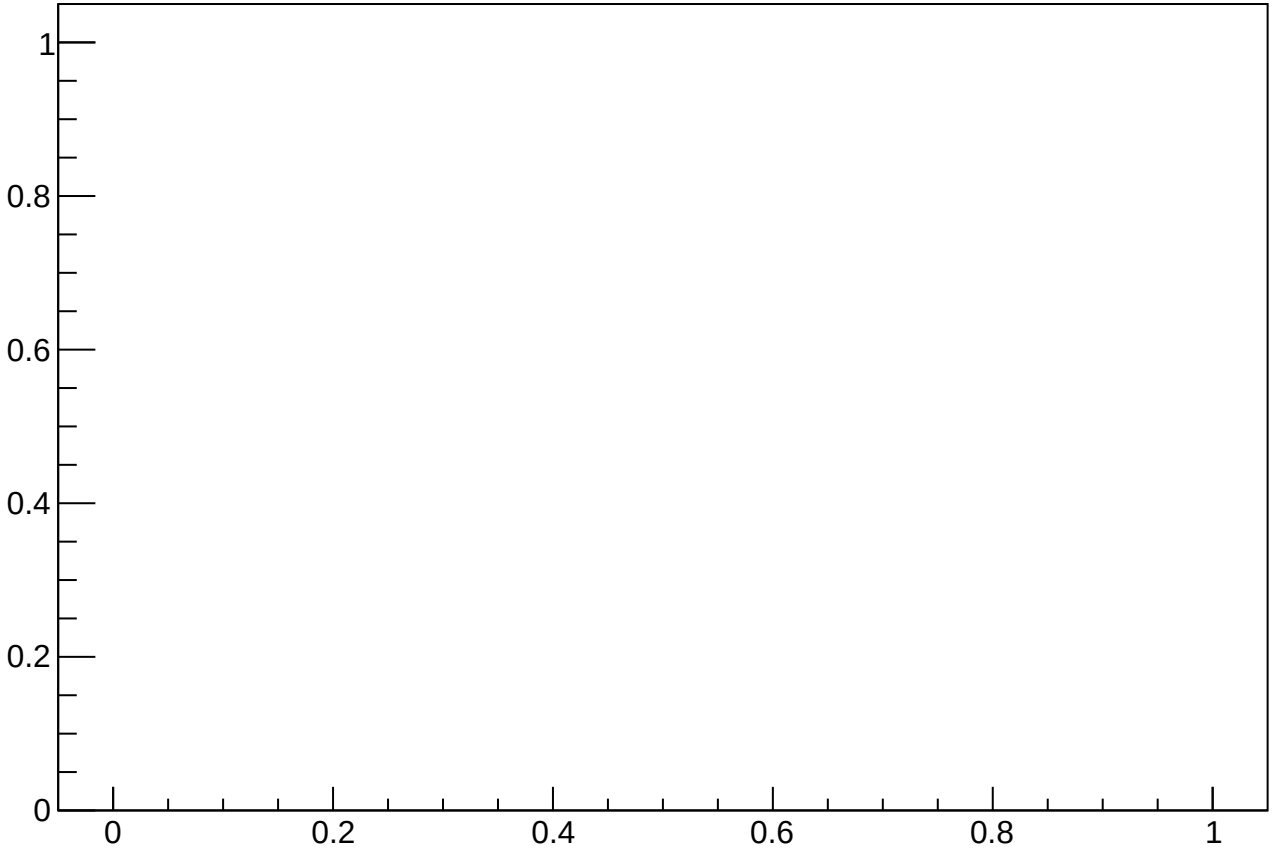
dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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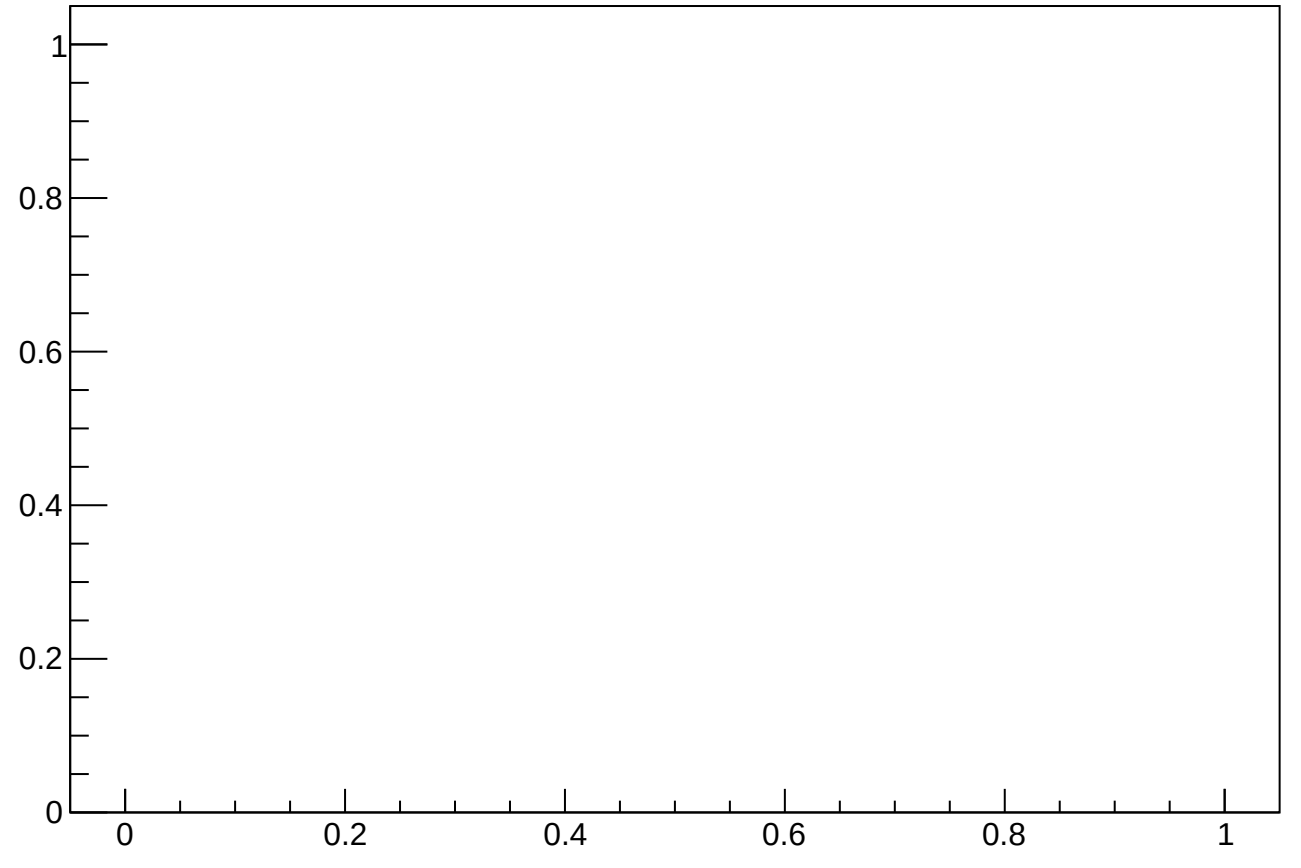

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

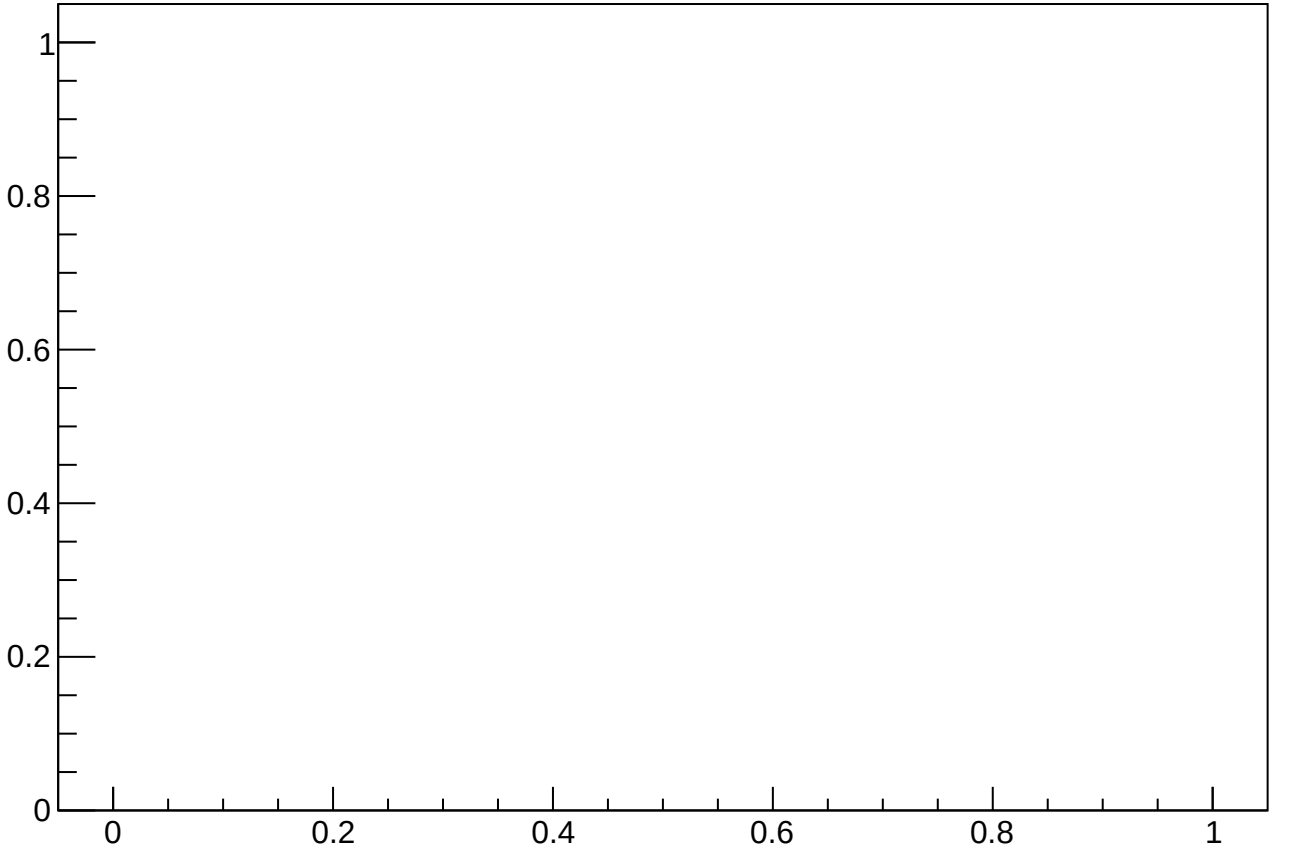
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

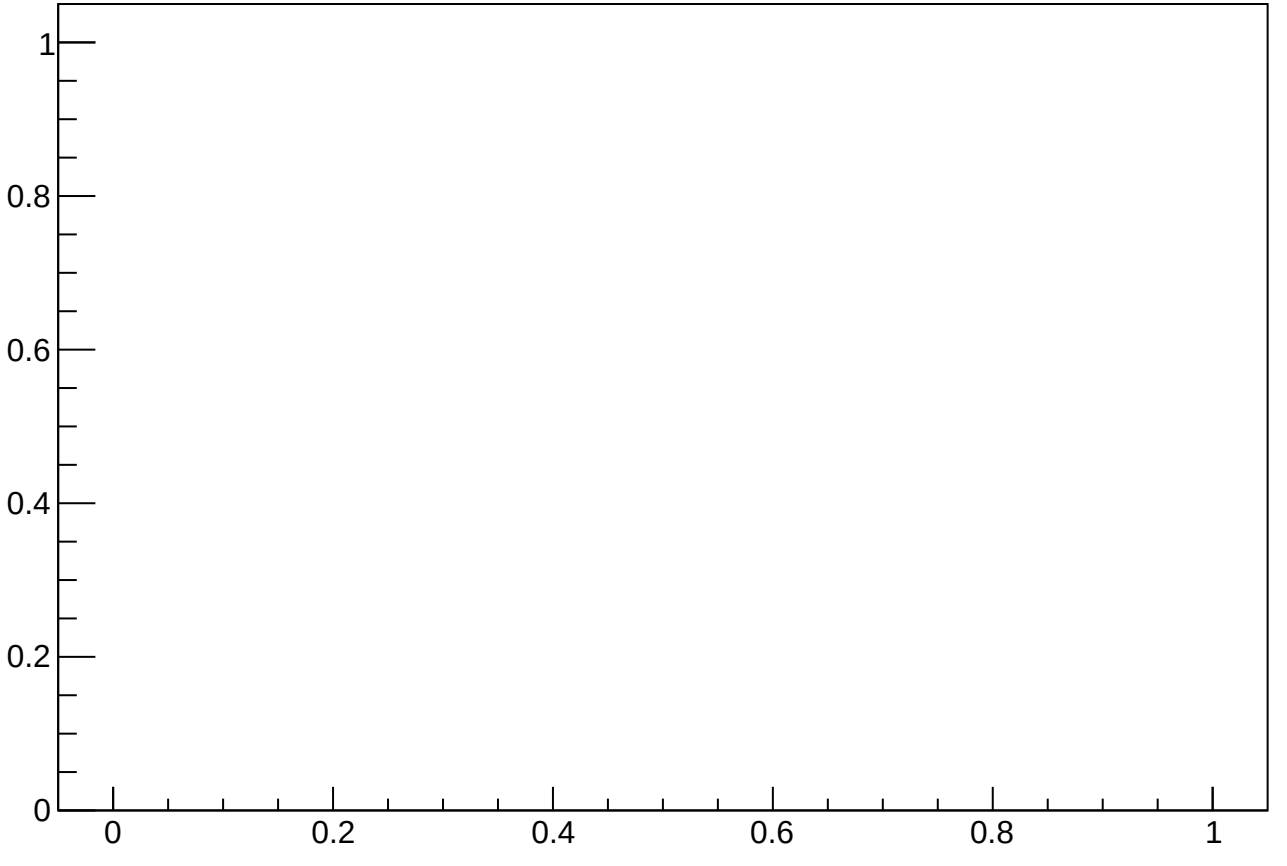
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

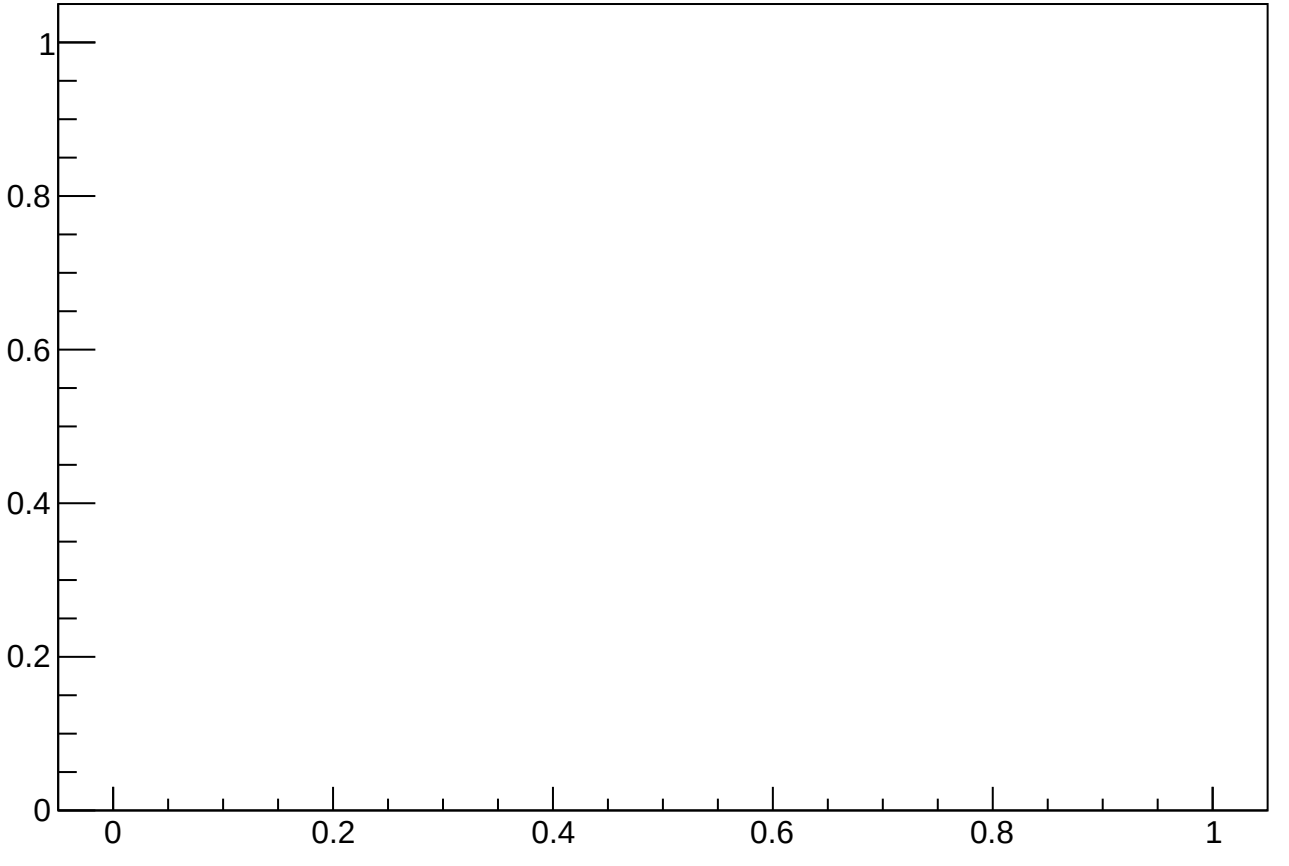
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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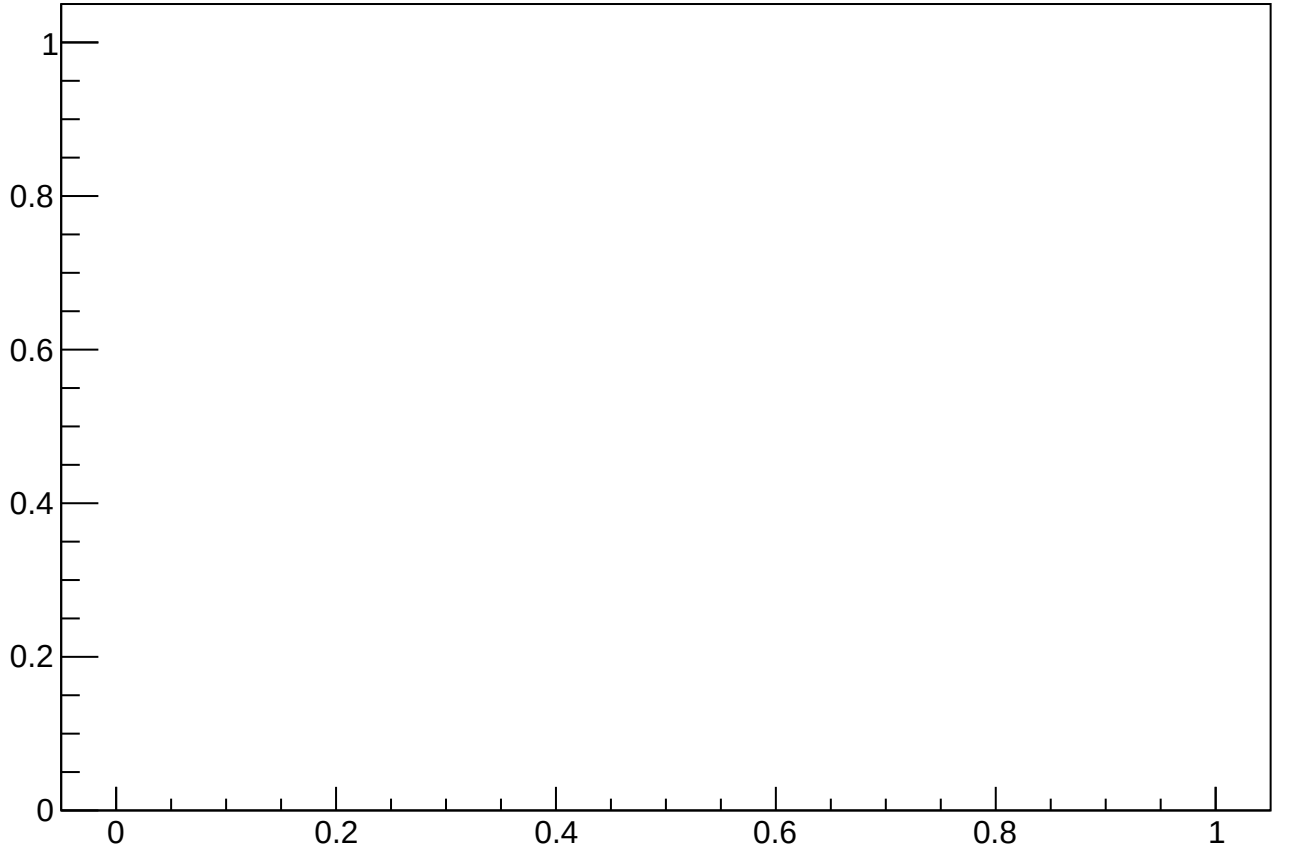
dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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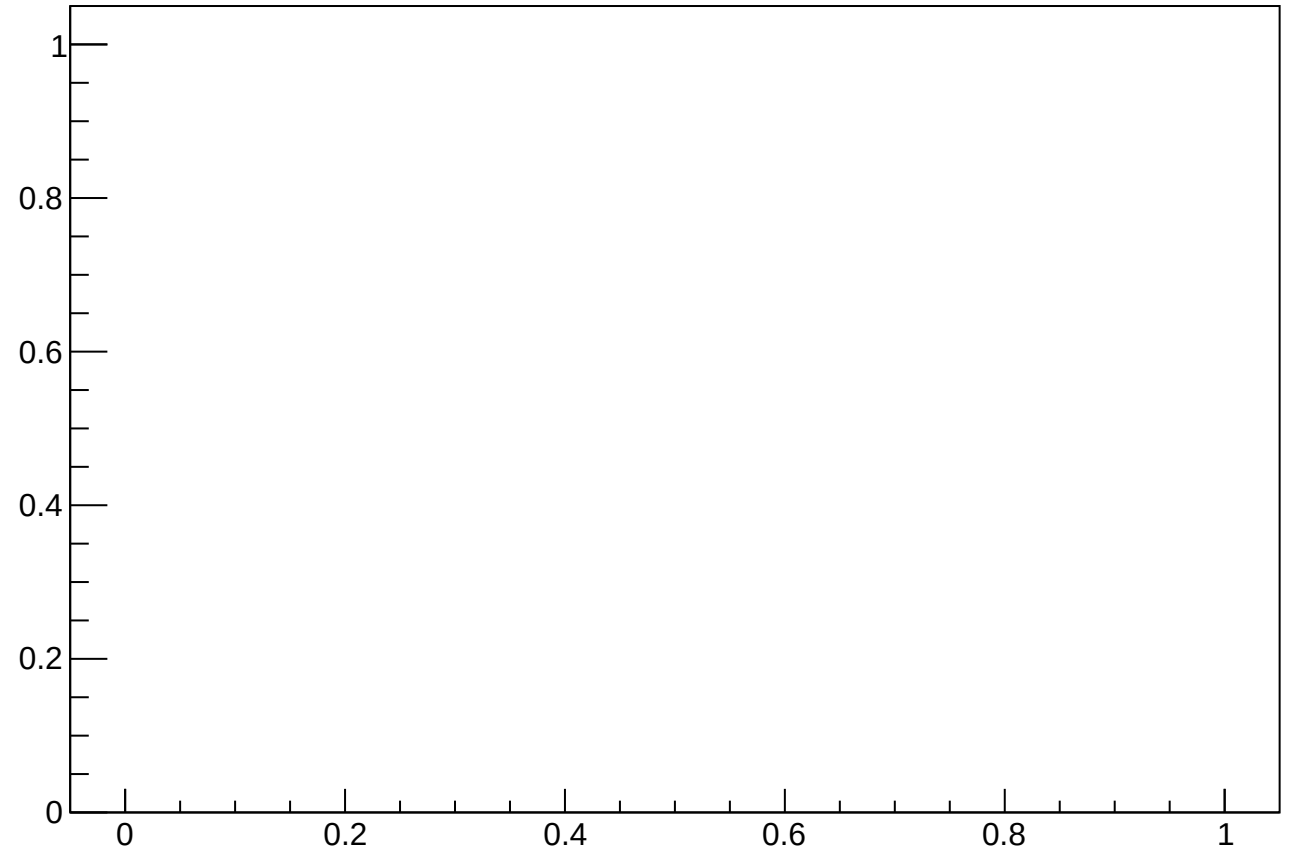

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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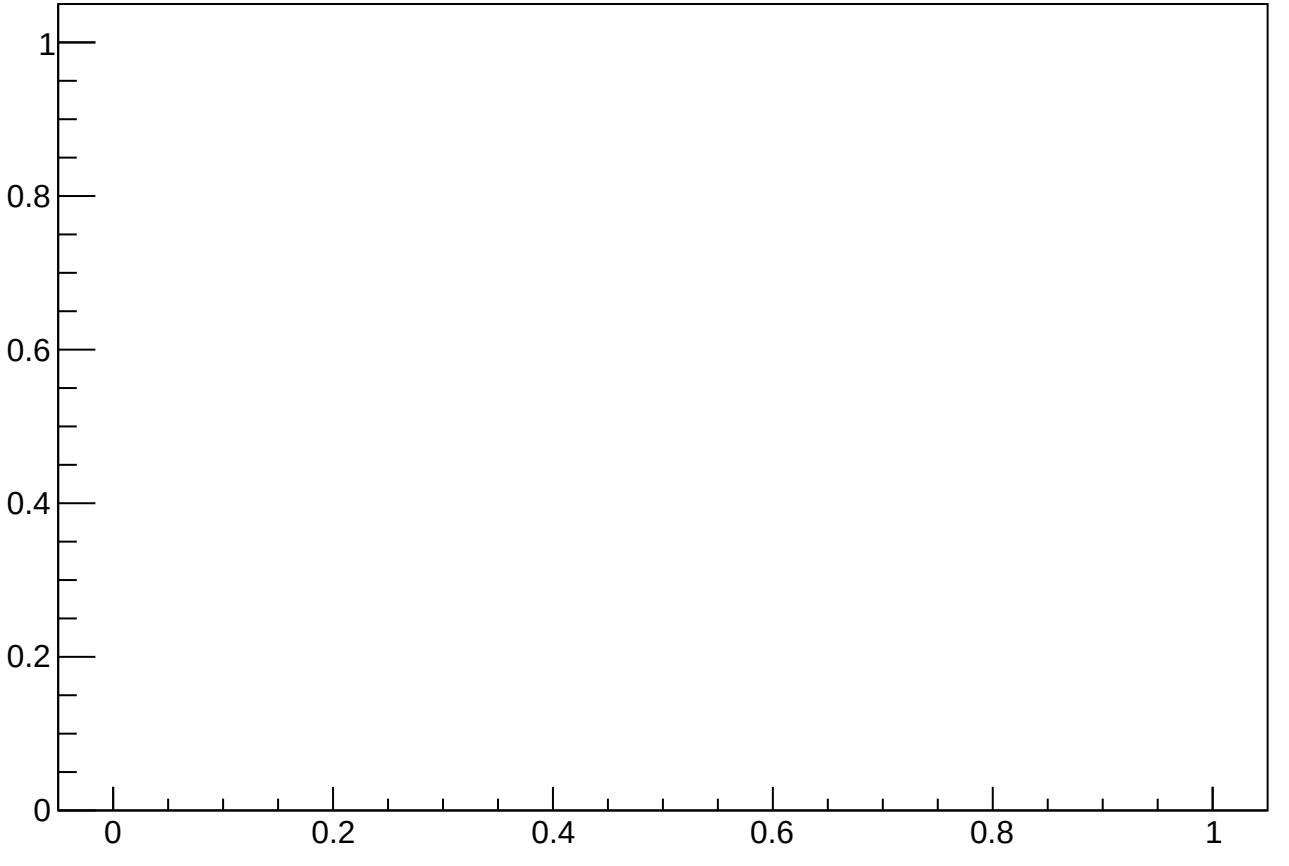
dit_4aX_coil5_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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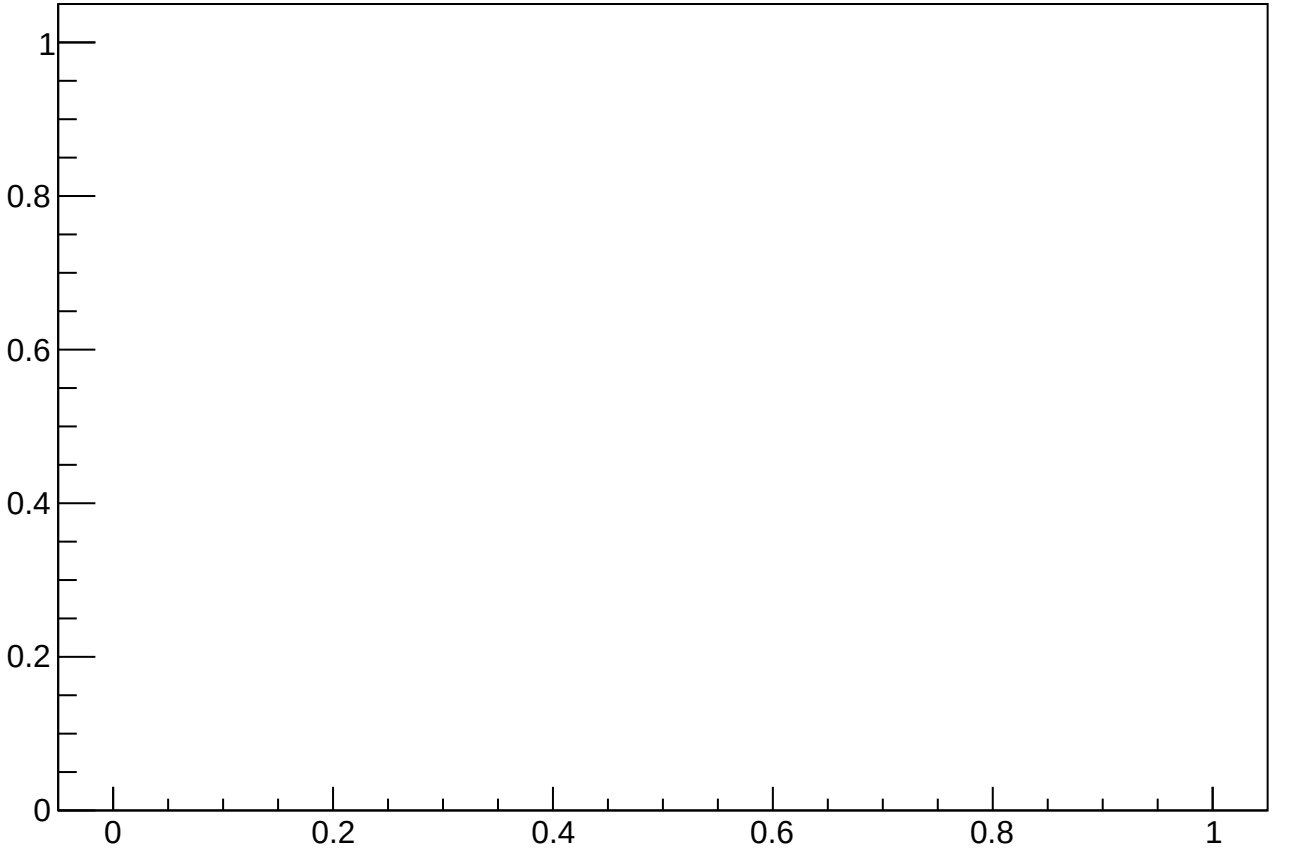
dit_4aX_coil5_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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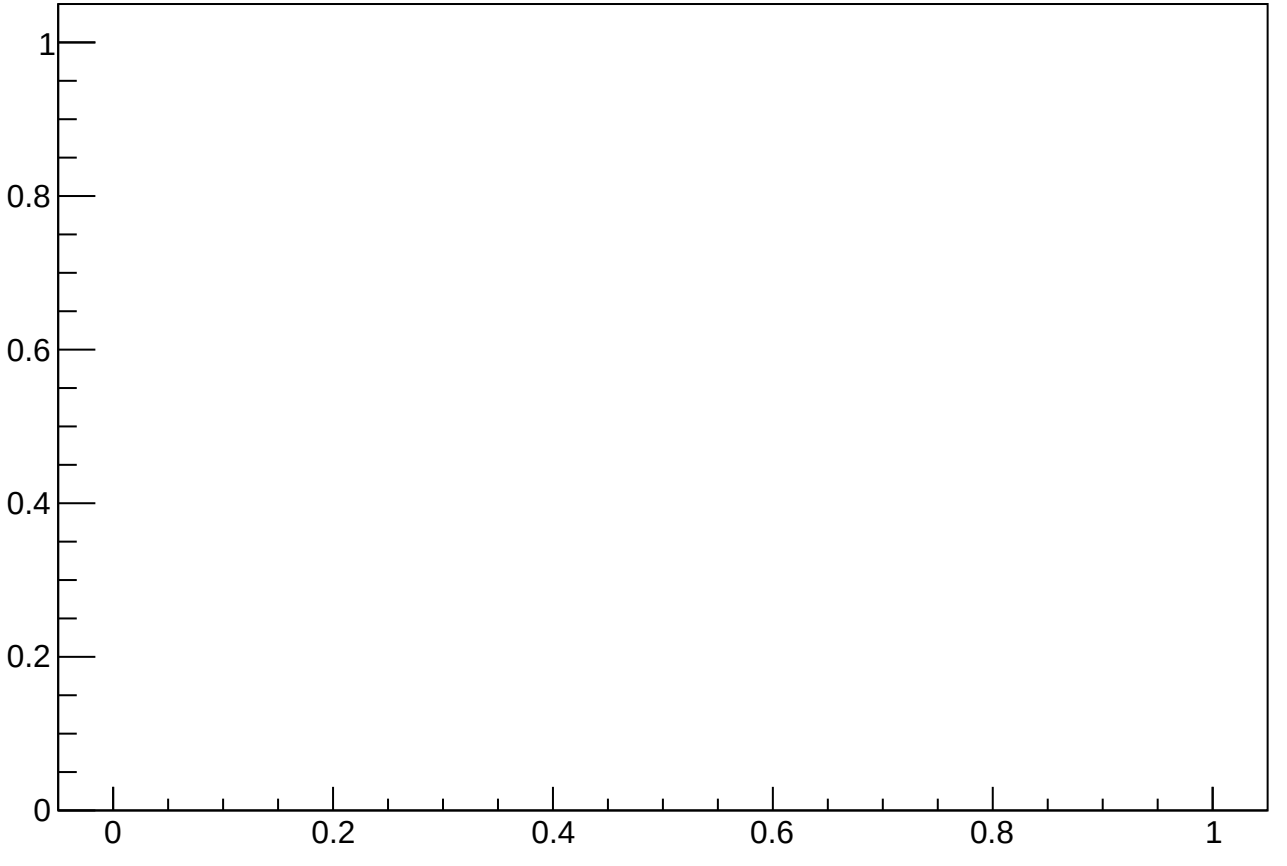
dit_4aX_coil5_Ndata_mean vs Slug, Sign Corrected



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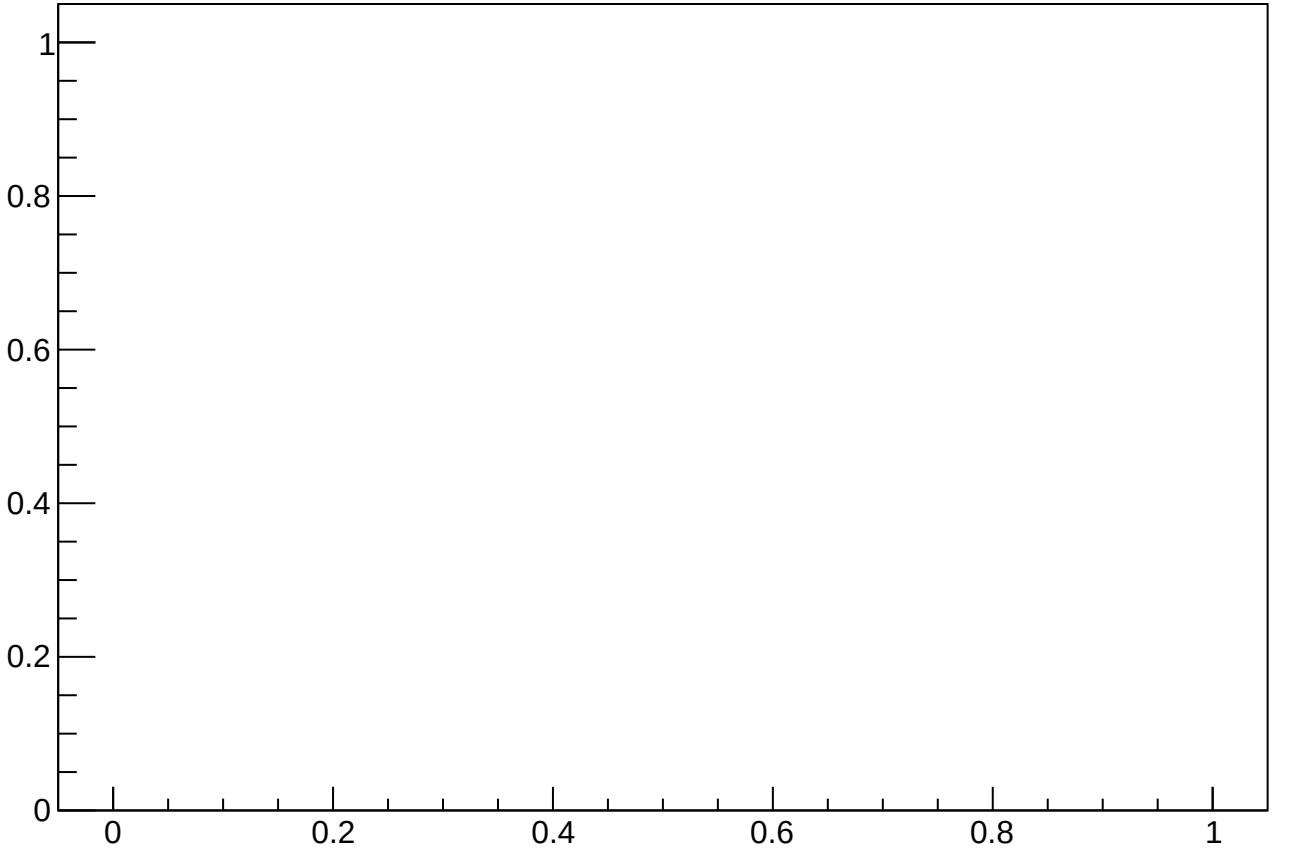
dit_4eX_coil5_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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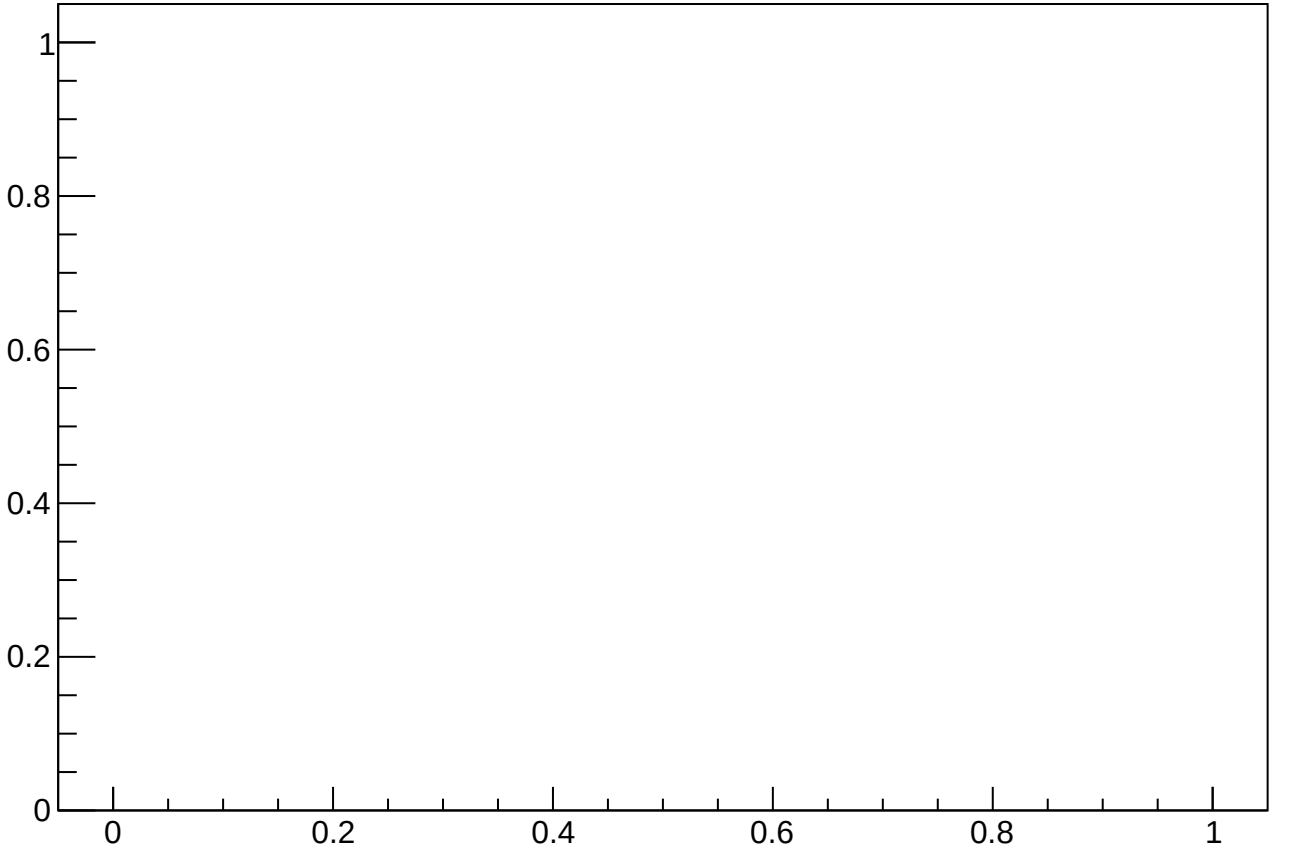
dit_4eX_coil5_err_mean vs Slug, Sign Corrected



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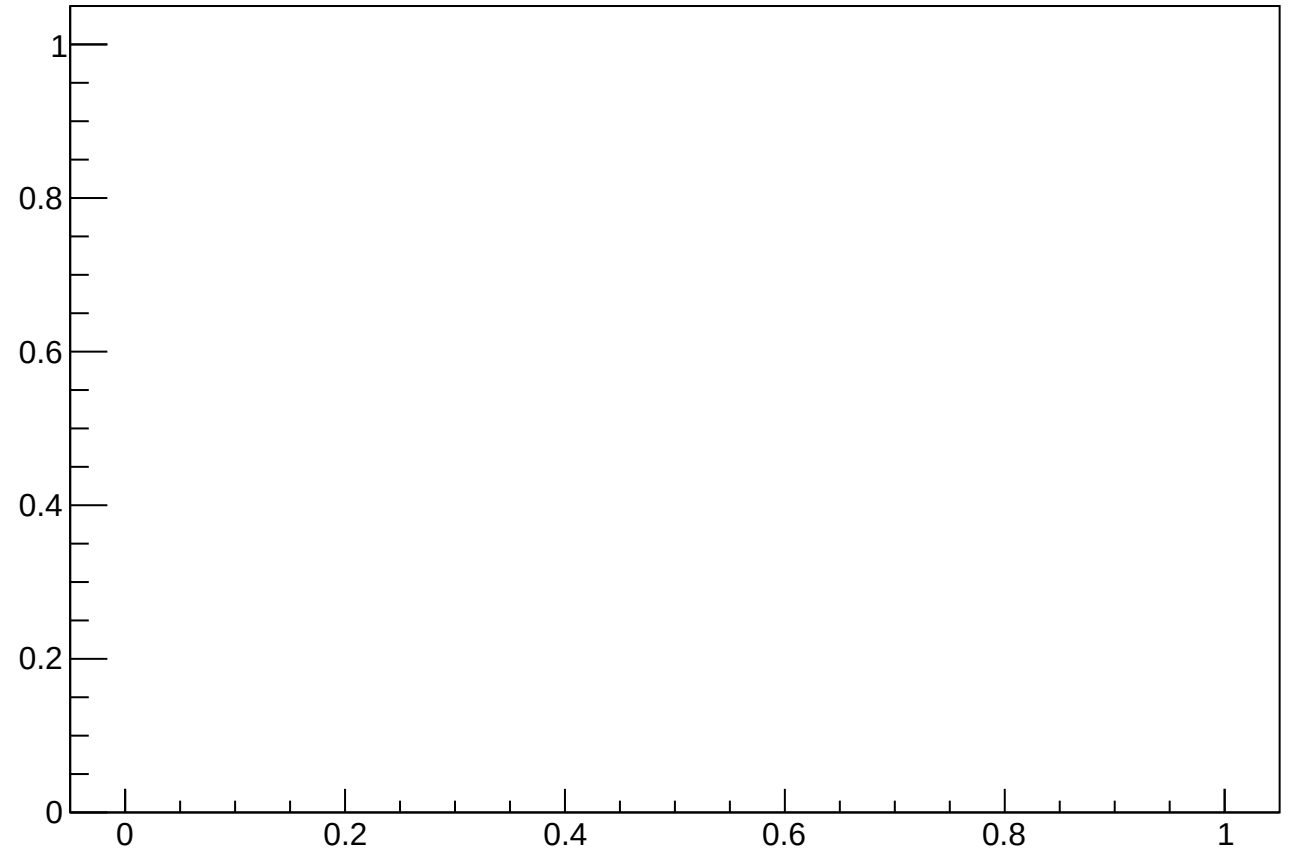

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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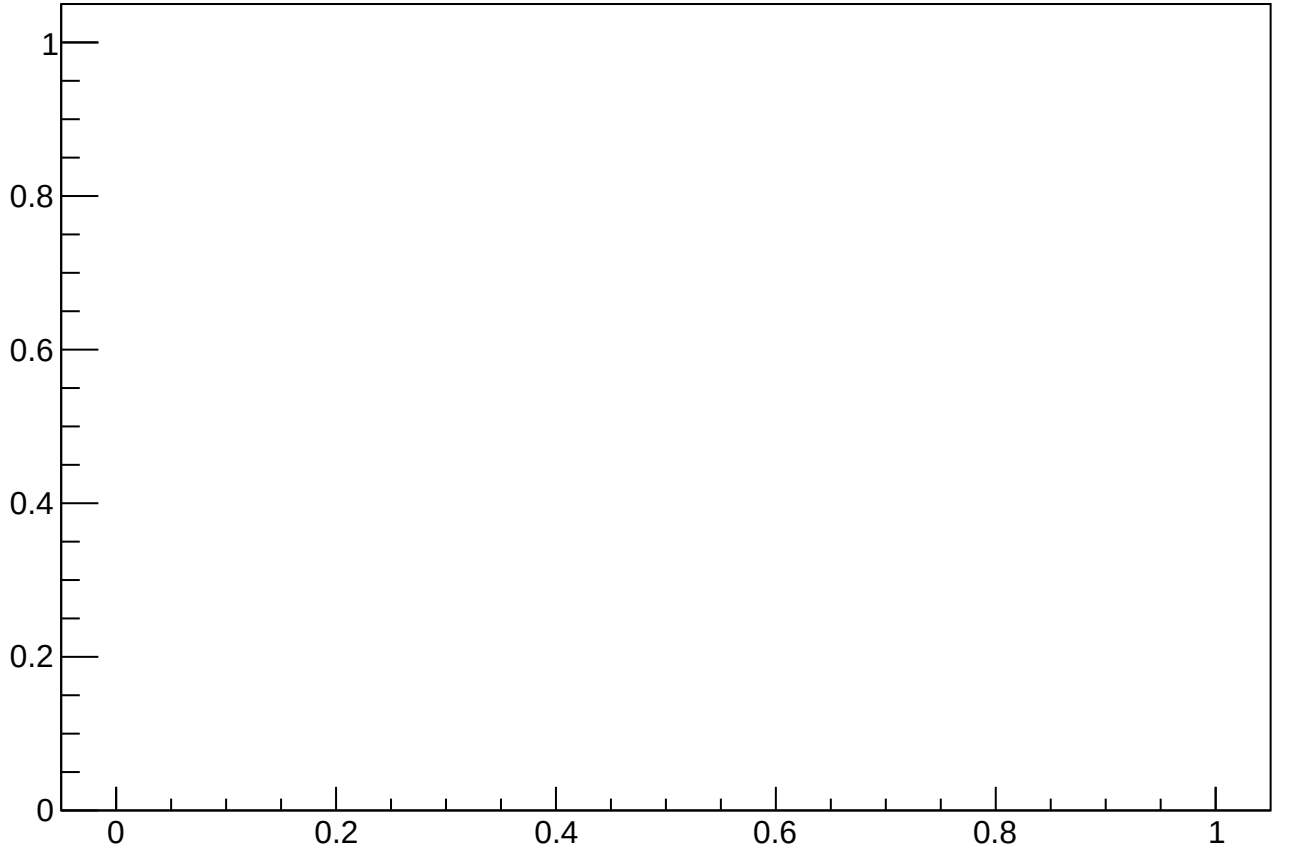
dit_11X12X_coil5_mean vs Slug, Sign Corrected



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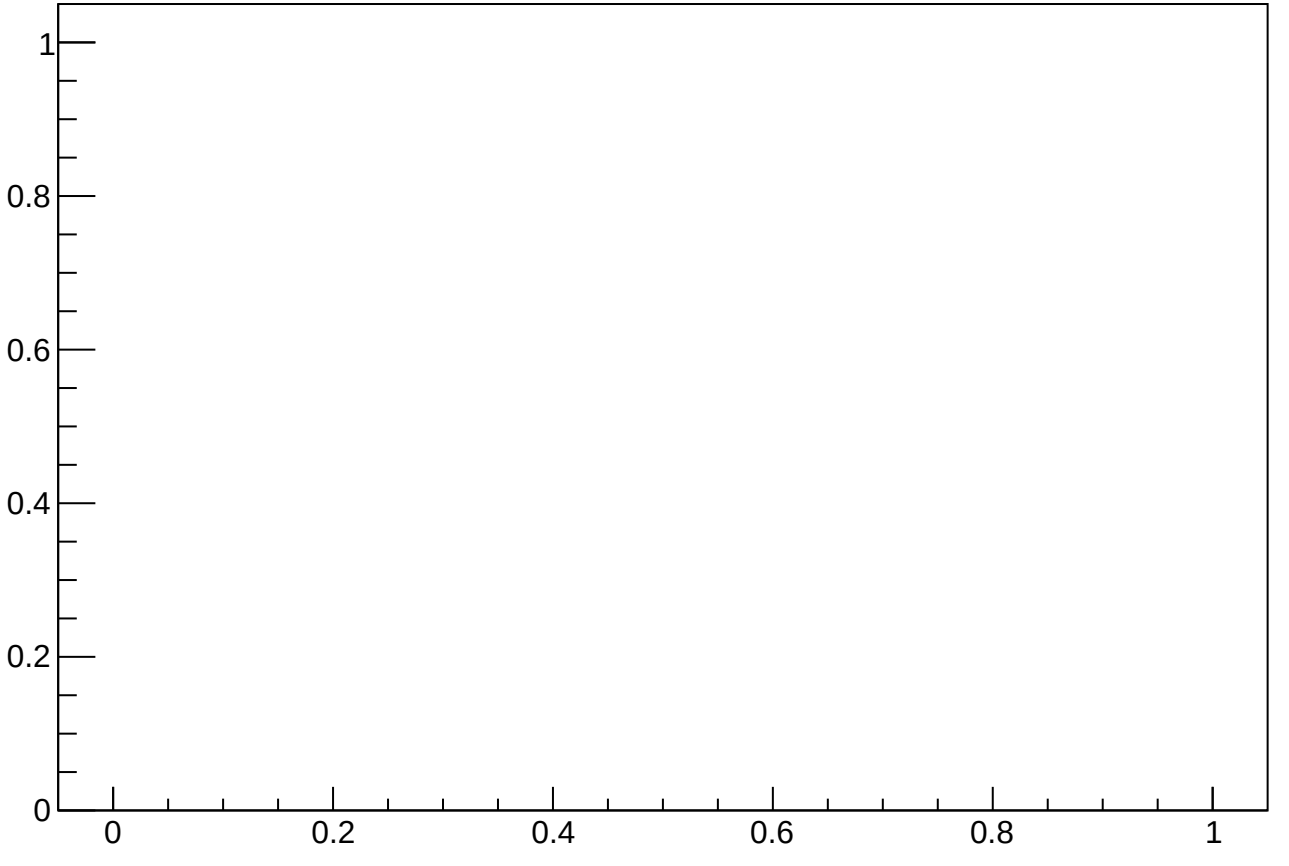
dit_11X12X_coil5_err_mean vs Slug, Sign Corrected



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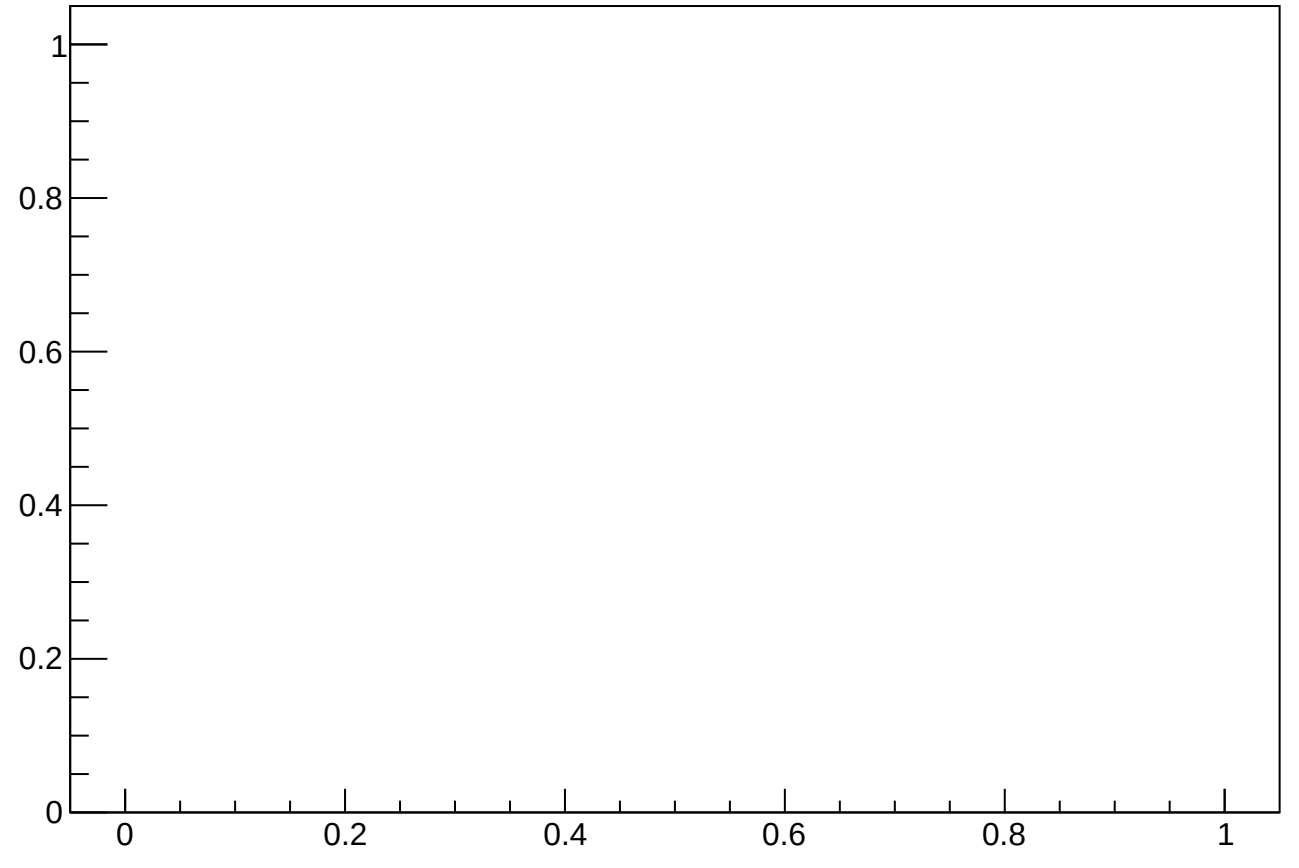

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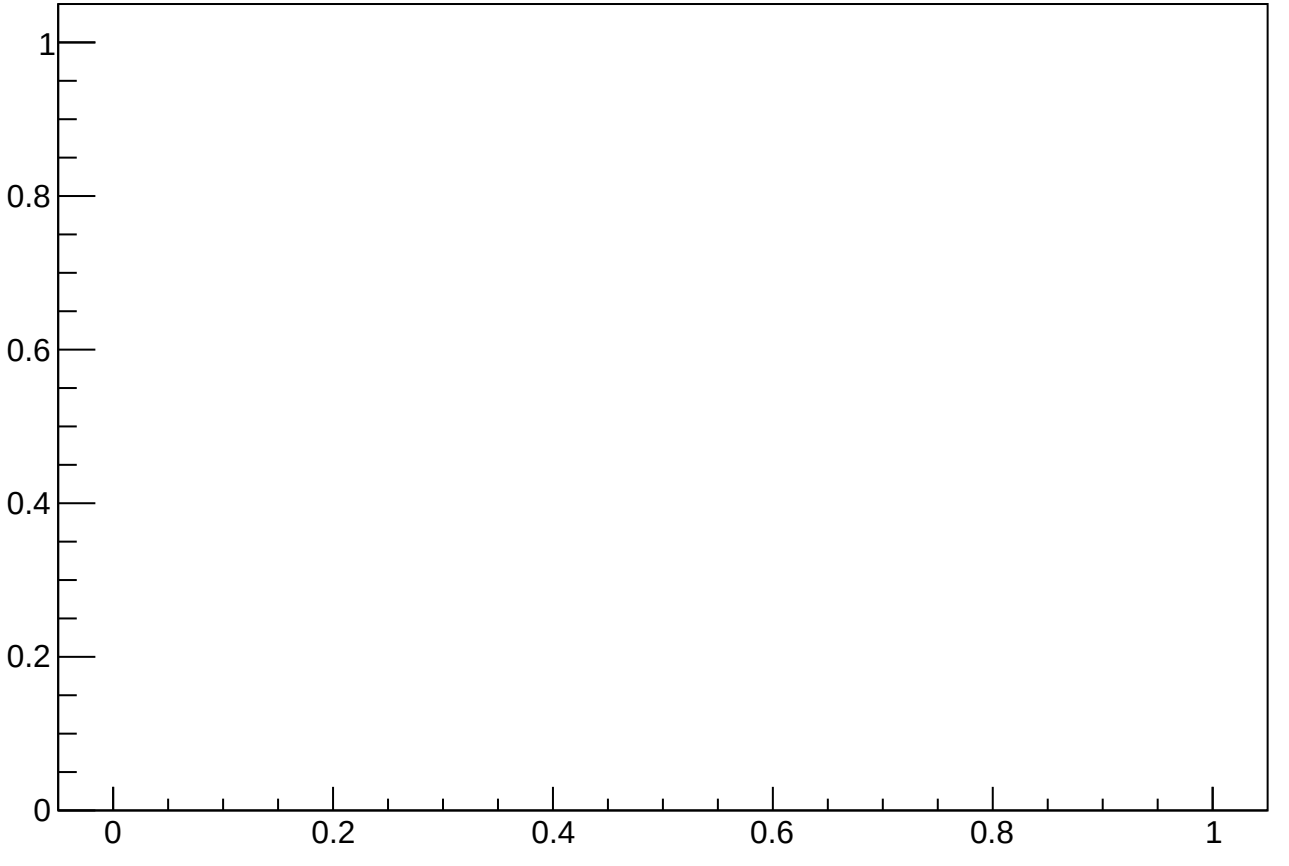
dit_4aY_coil5_mean vs Slug, Sign Corrected



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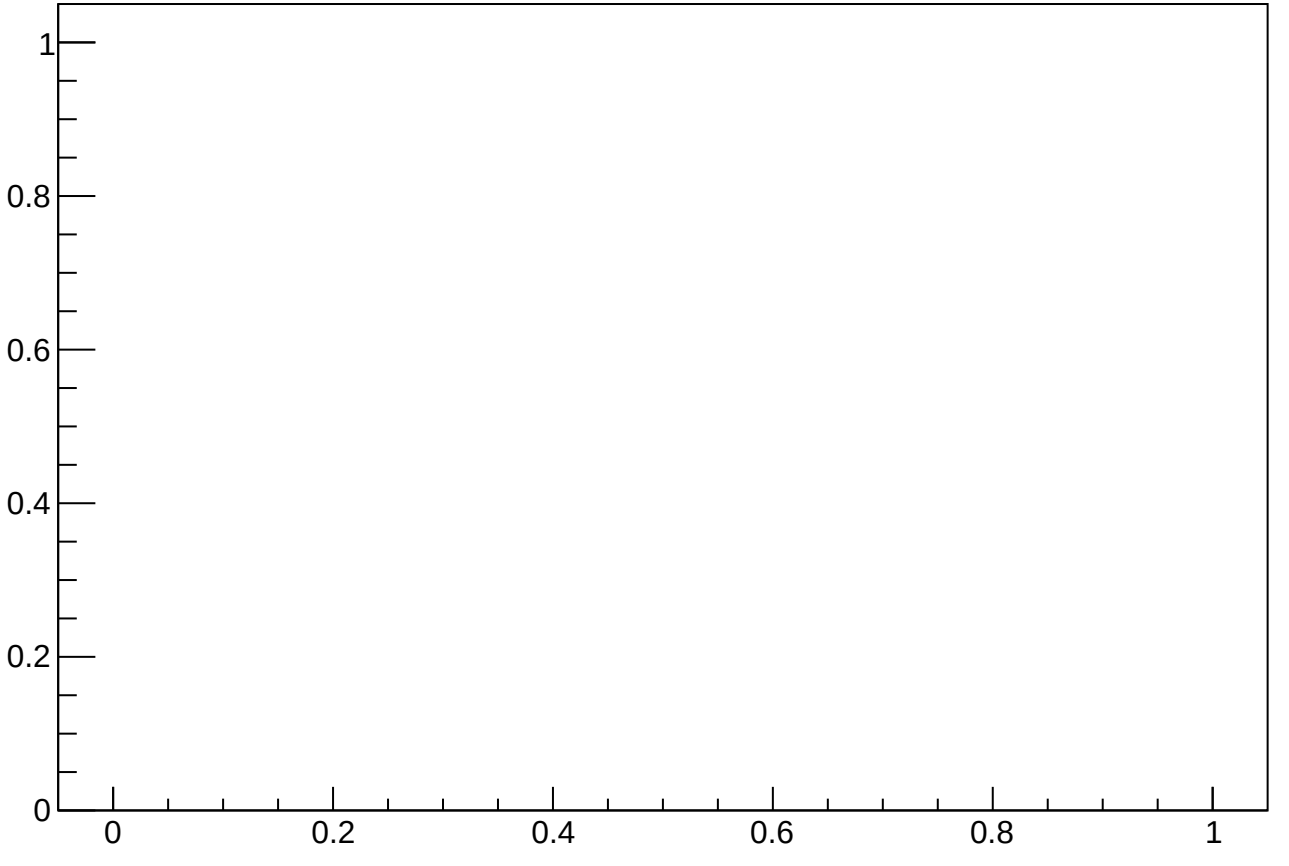
dit_4aY_coil5_err_mean vs Slug, Sign Corrected



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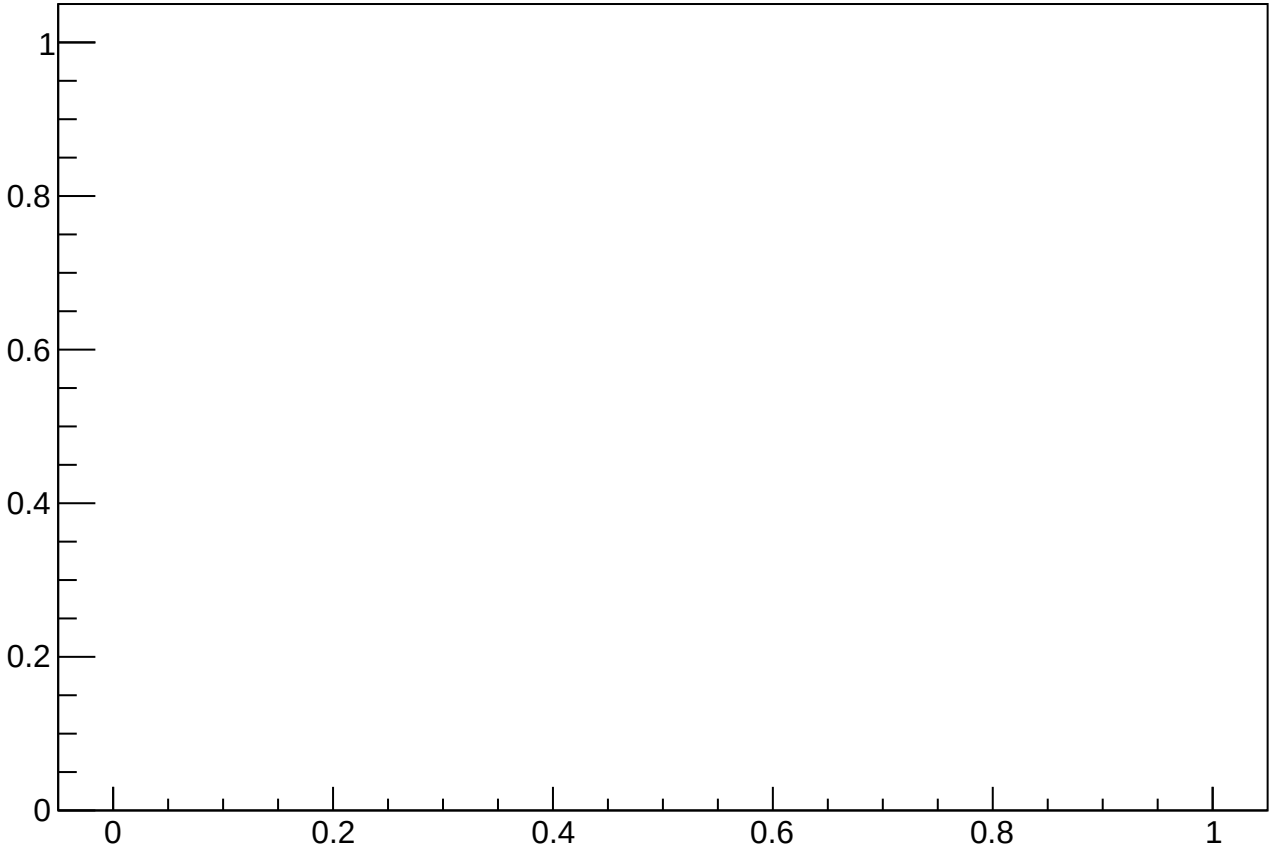
dit_4aY_coil5_Ndata_mean vs Slug, Sign Corrected



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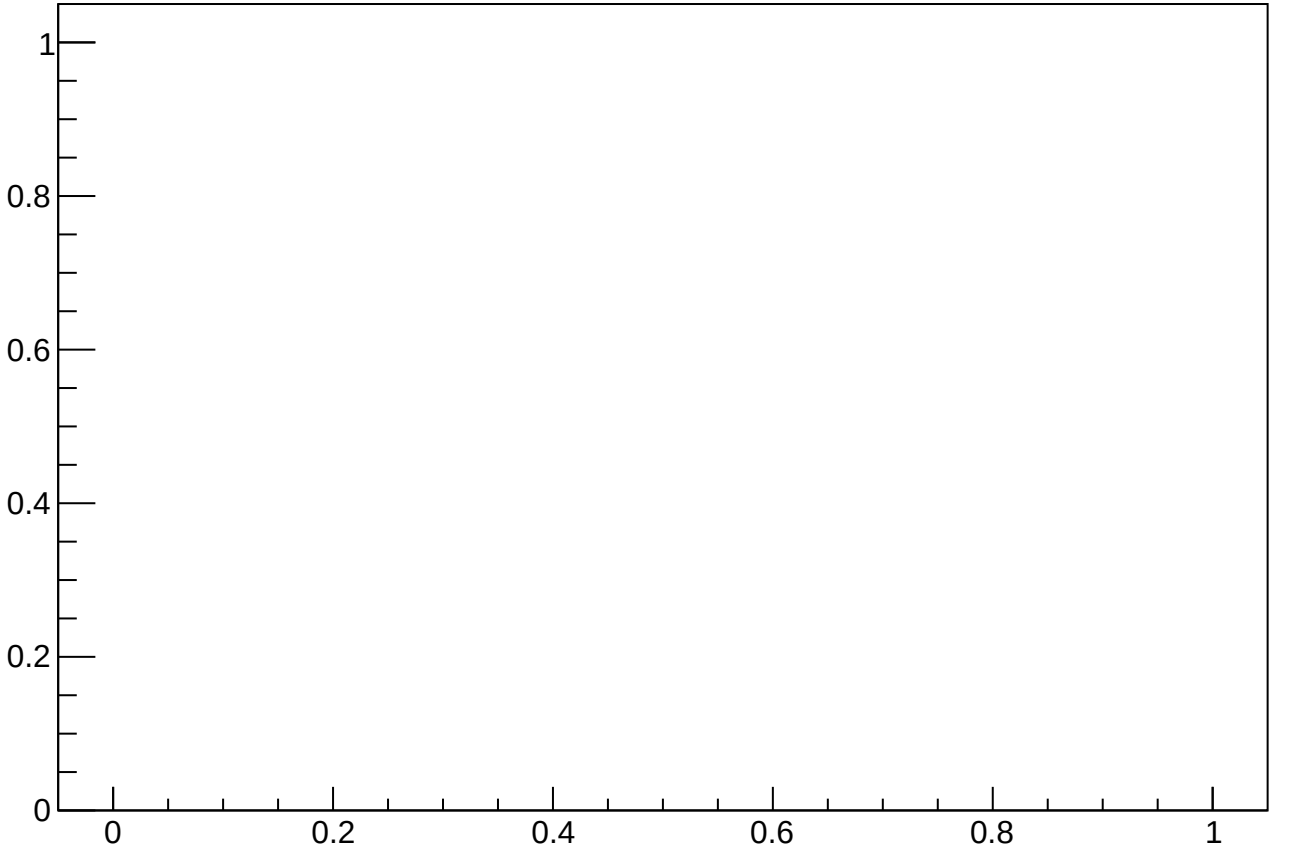
dit_4eY_coil5_mean vs Slug, Sign Corrected



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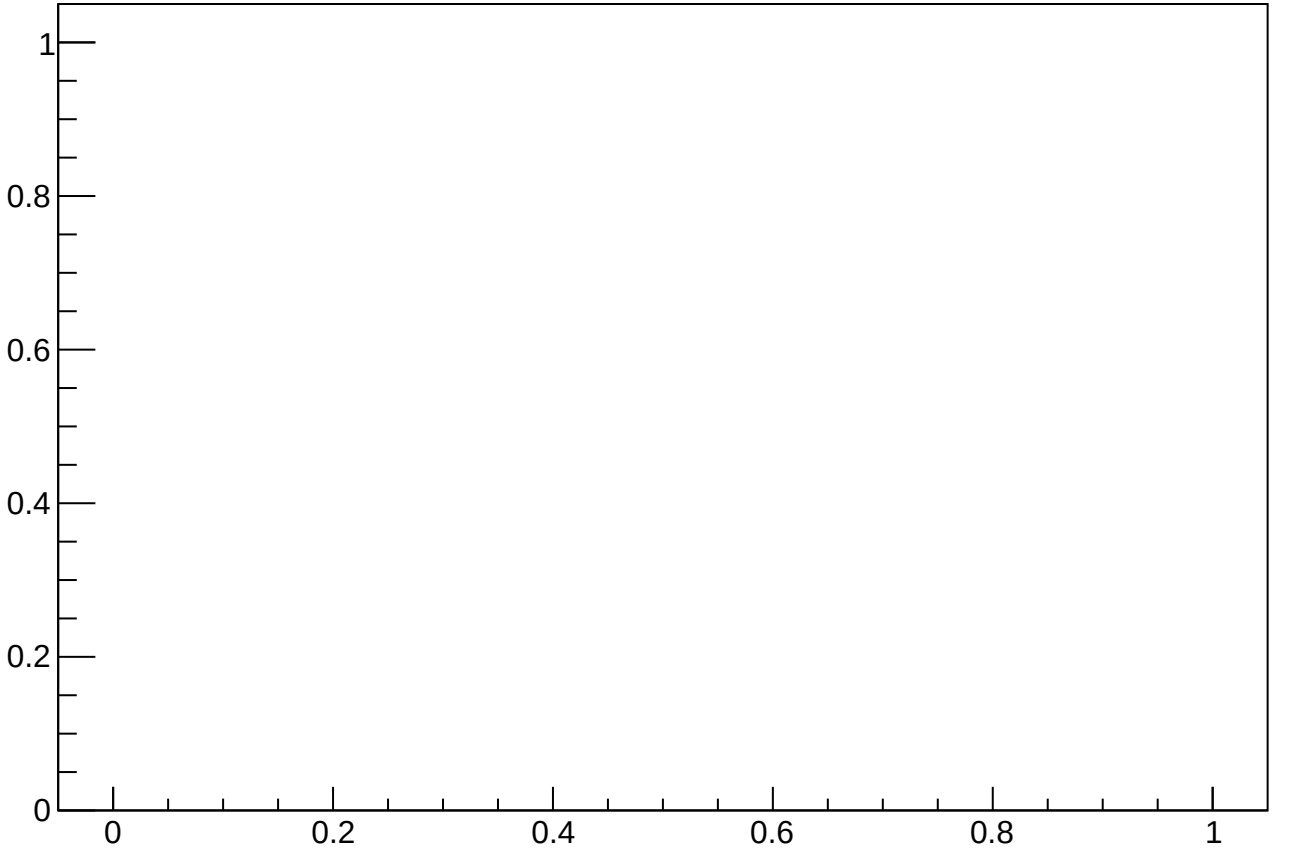
dit_4eY_coil5_err_mean vs Slug, Sign Corrected



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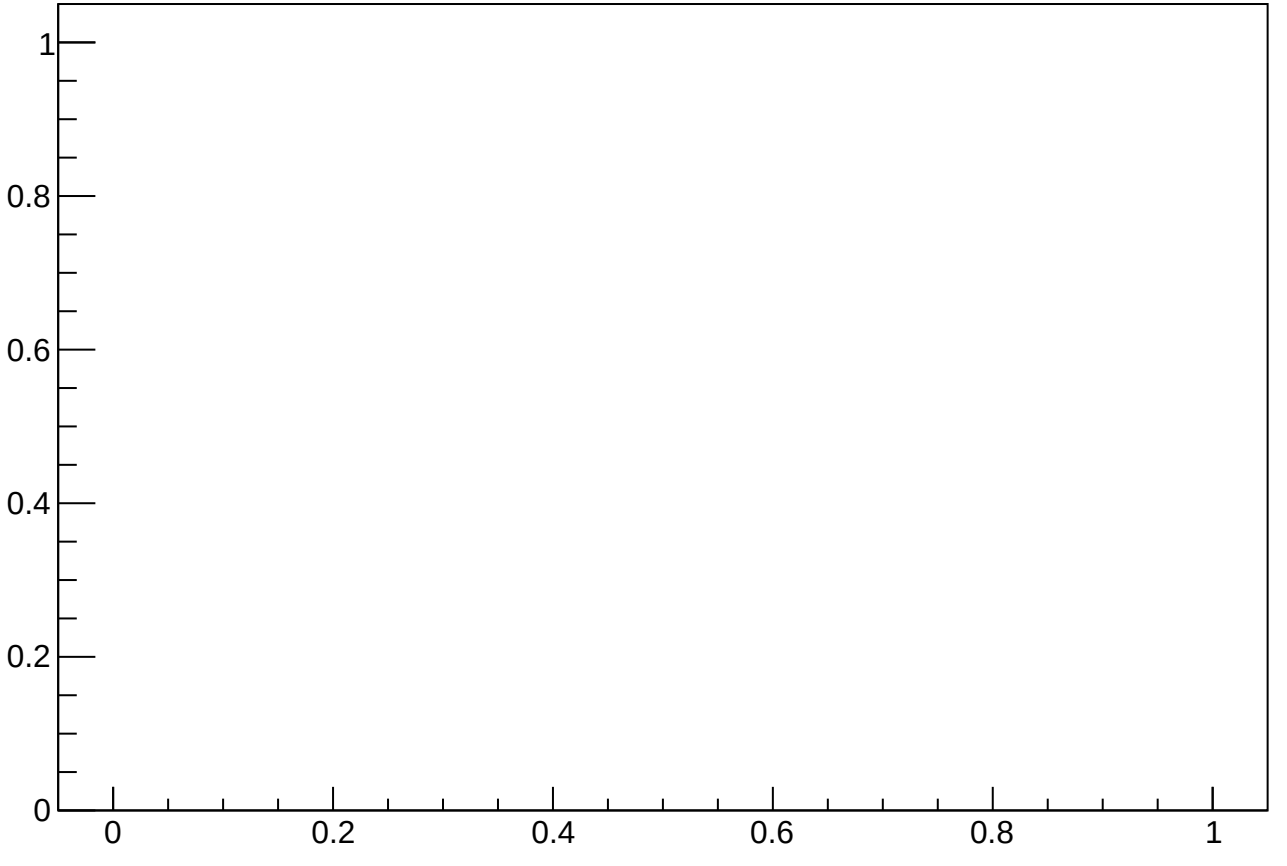
dit_4eY_coil5_Ndata_mean vs Slug, Sign Corrected



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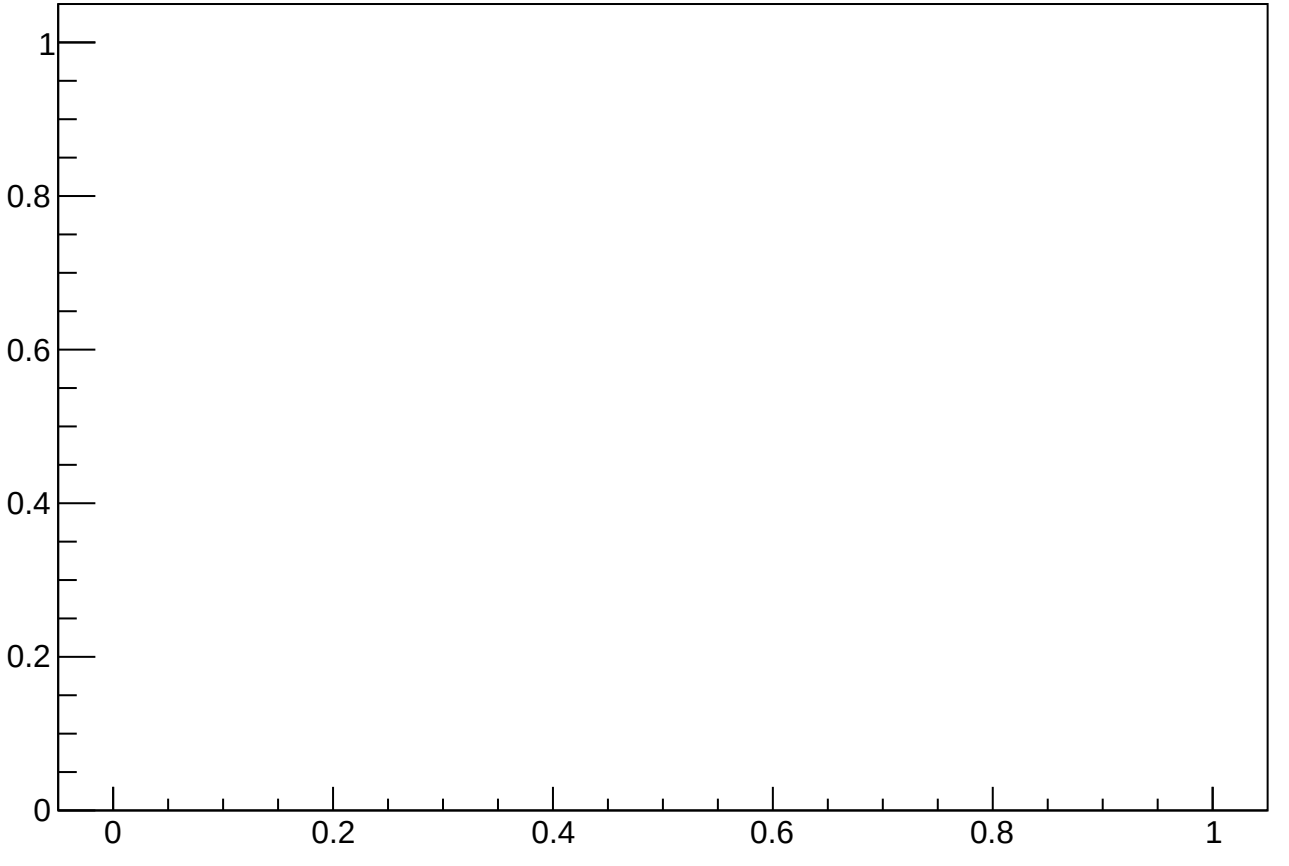
dit_usl_coil5_mean vs Slug, Sign Corrected



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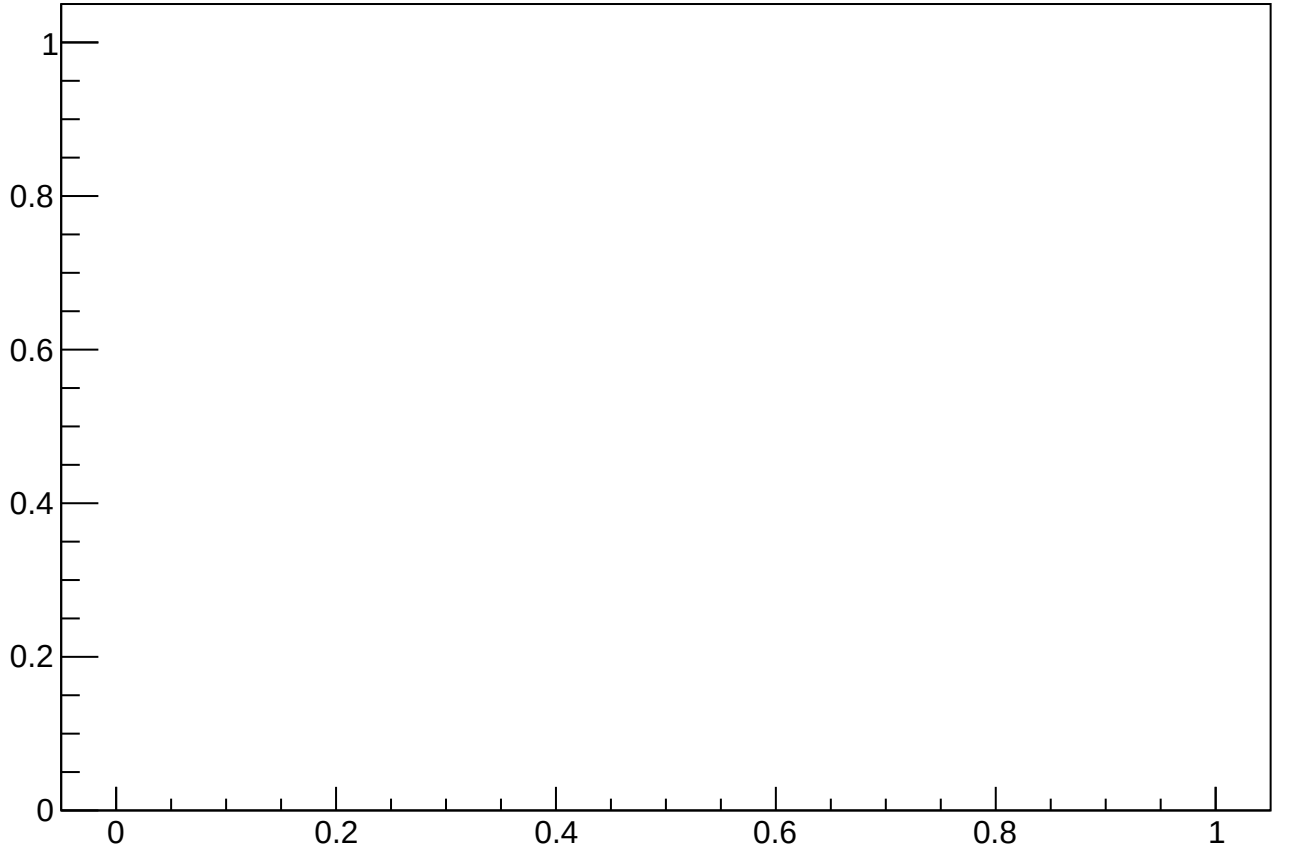
dit_usl_coil5_err_mean vs Slug, Sign Corrected



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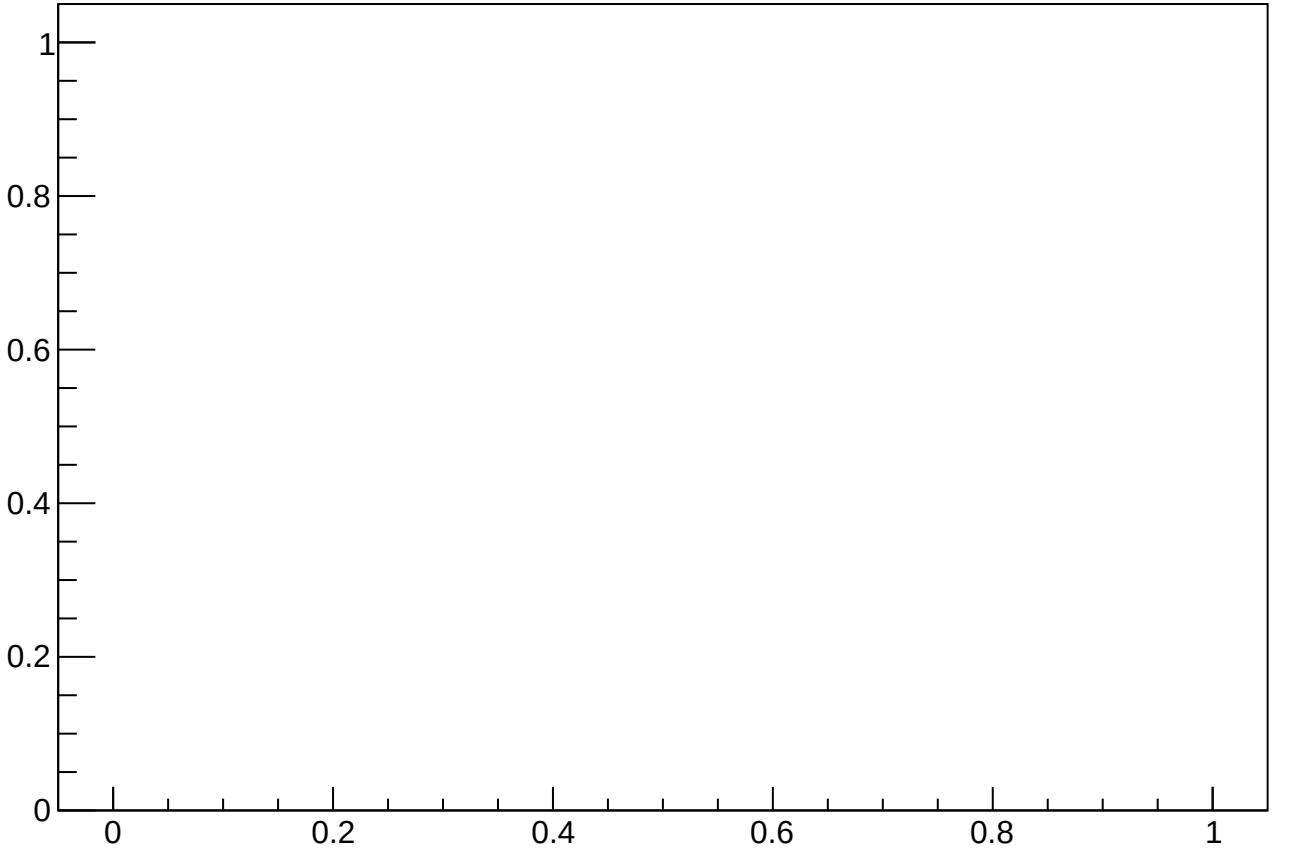
dit_usl_coil5_Ndata_mean vs Slug, Sign Corrected



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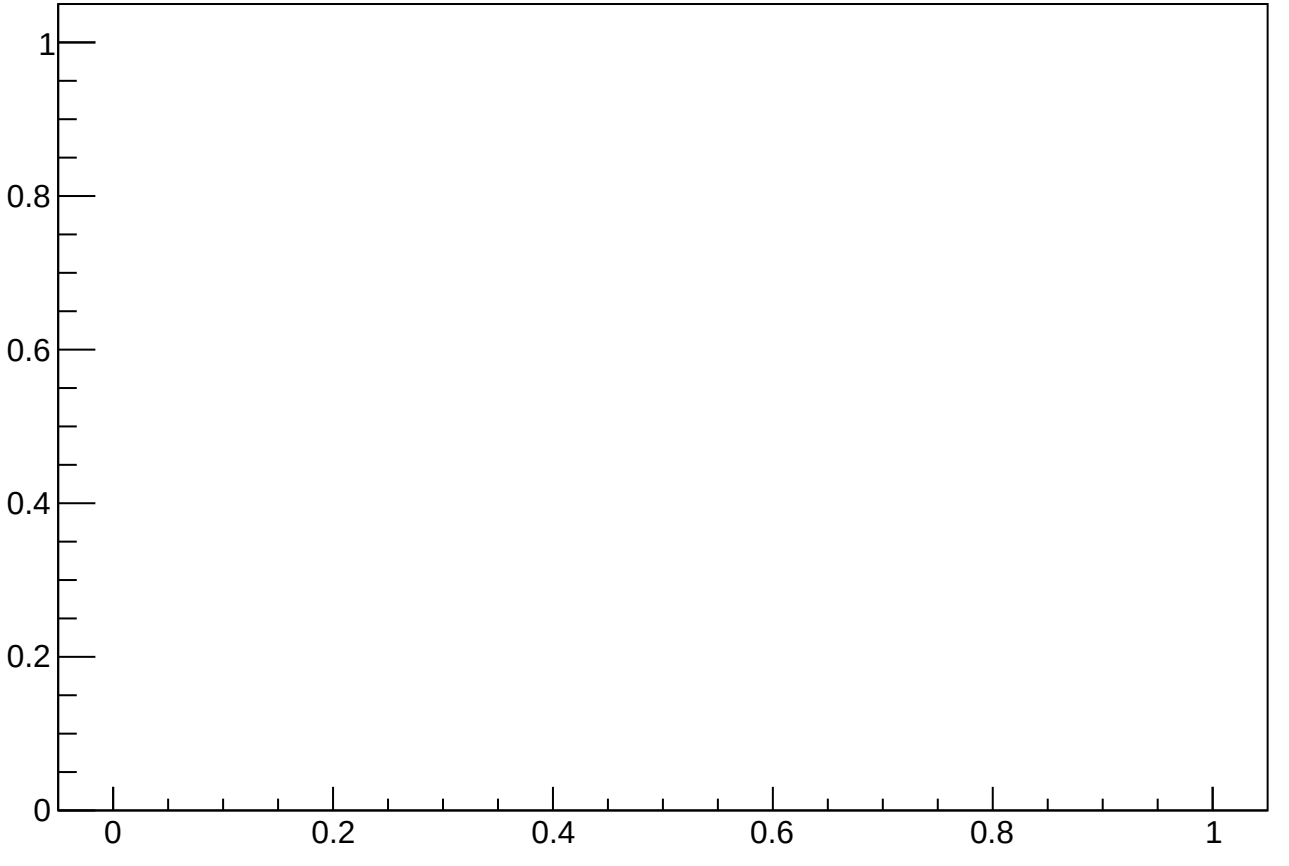
dit_usr_coil5_mean vs Slug, Sign Corrected



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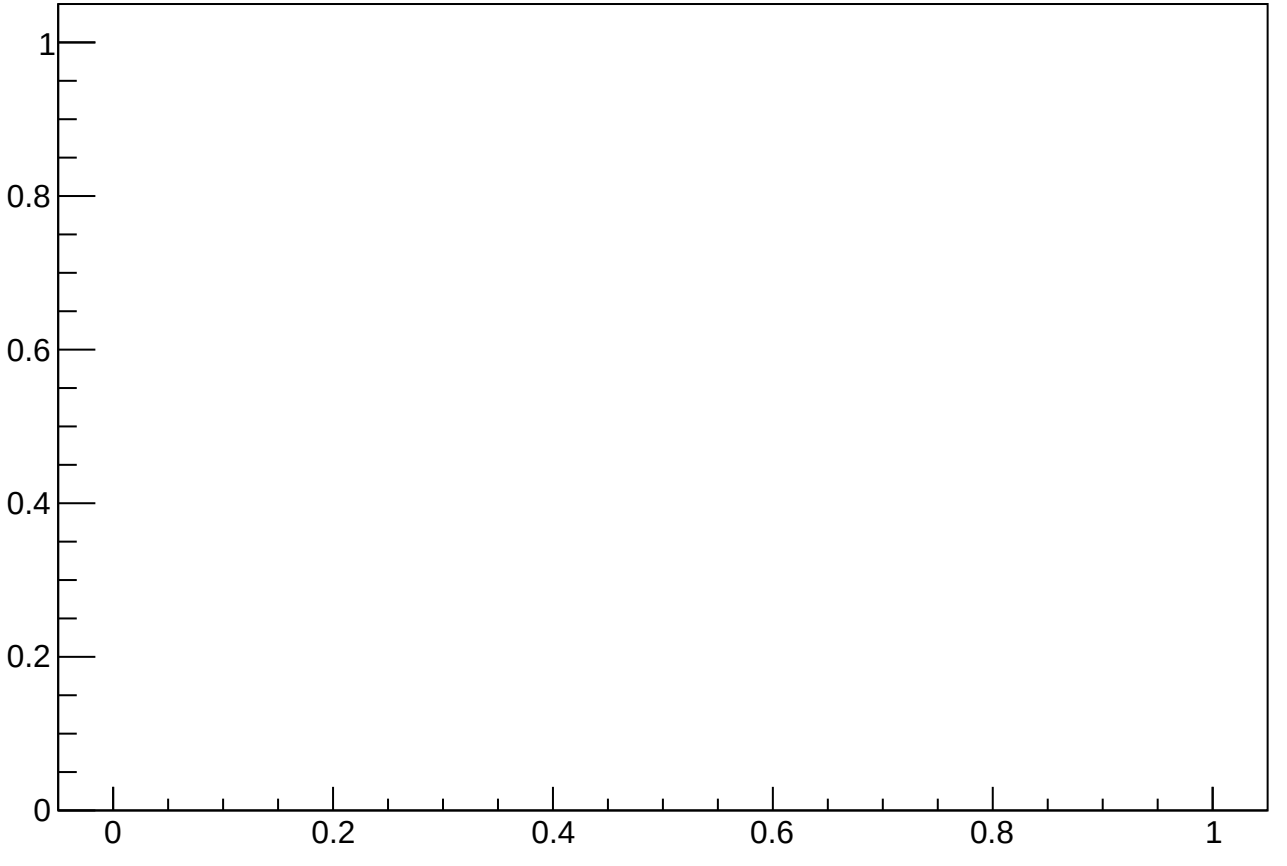
dit_usr_coil5_err_mean vs Slug, Sign Corrected



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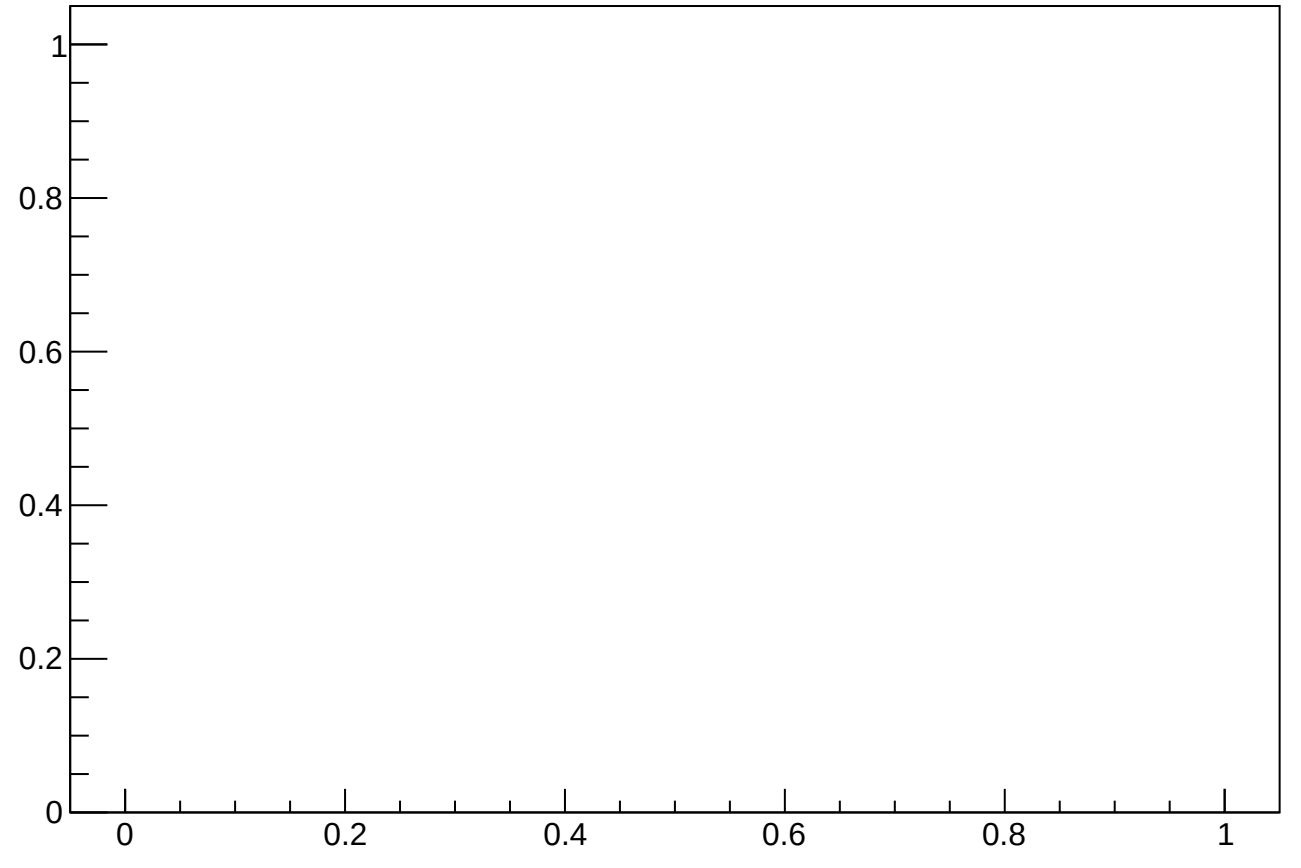

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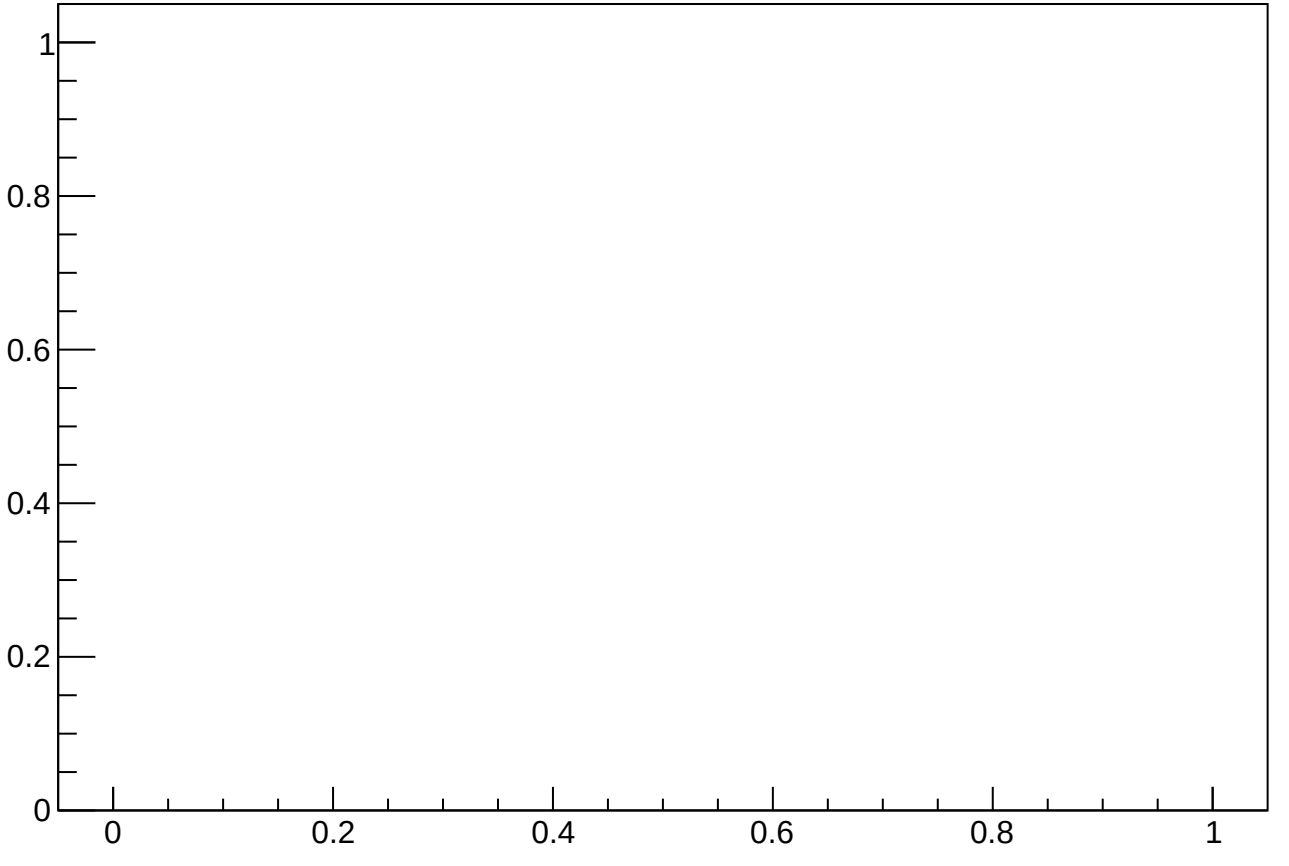
dit_atl1_coil5_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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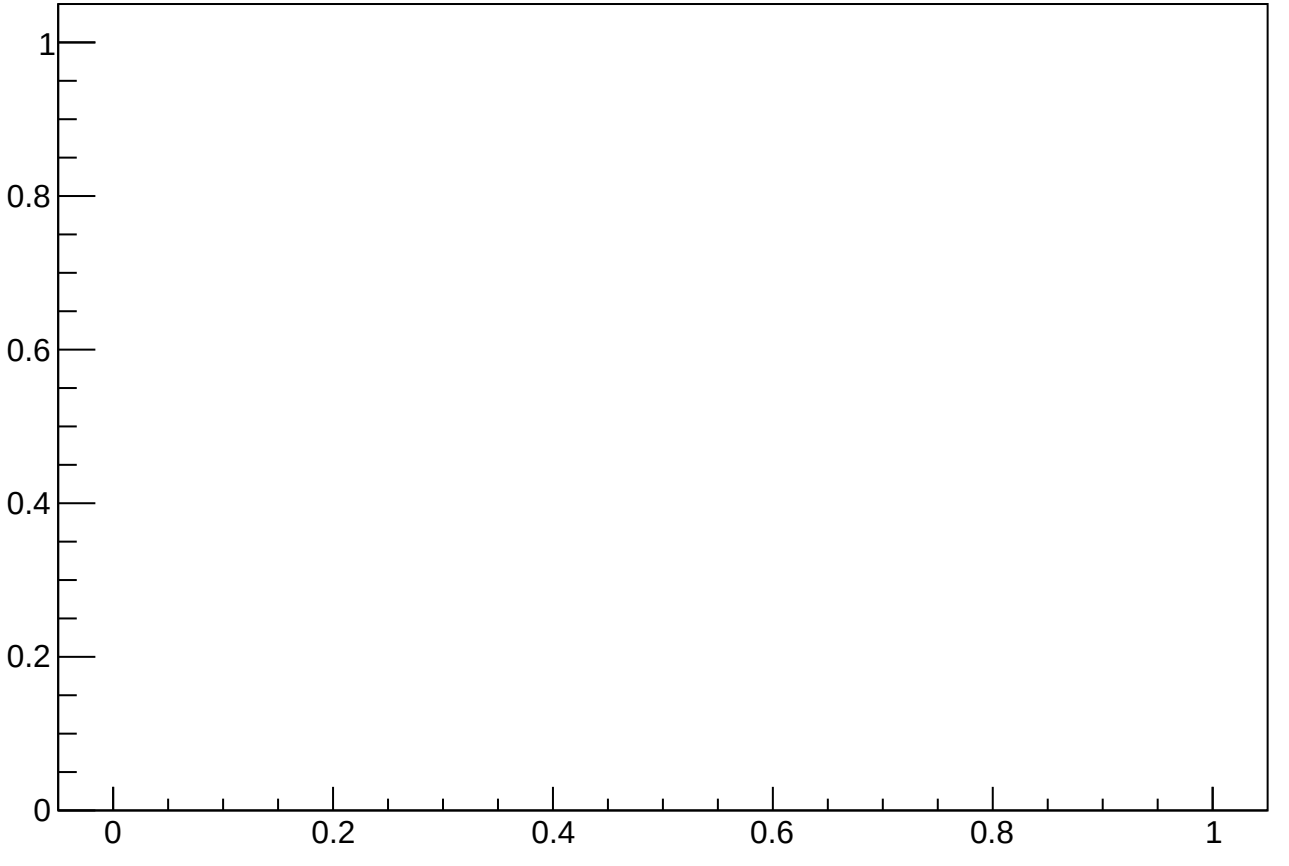
dit_atl1_coil5_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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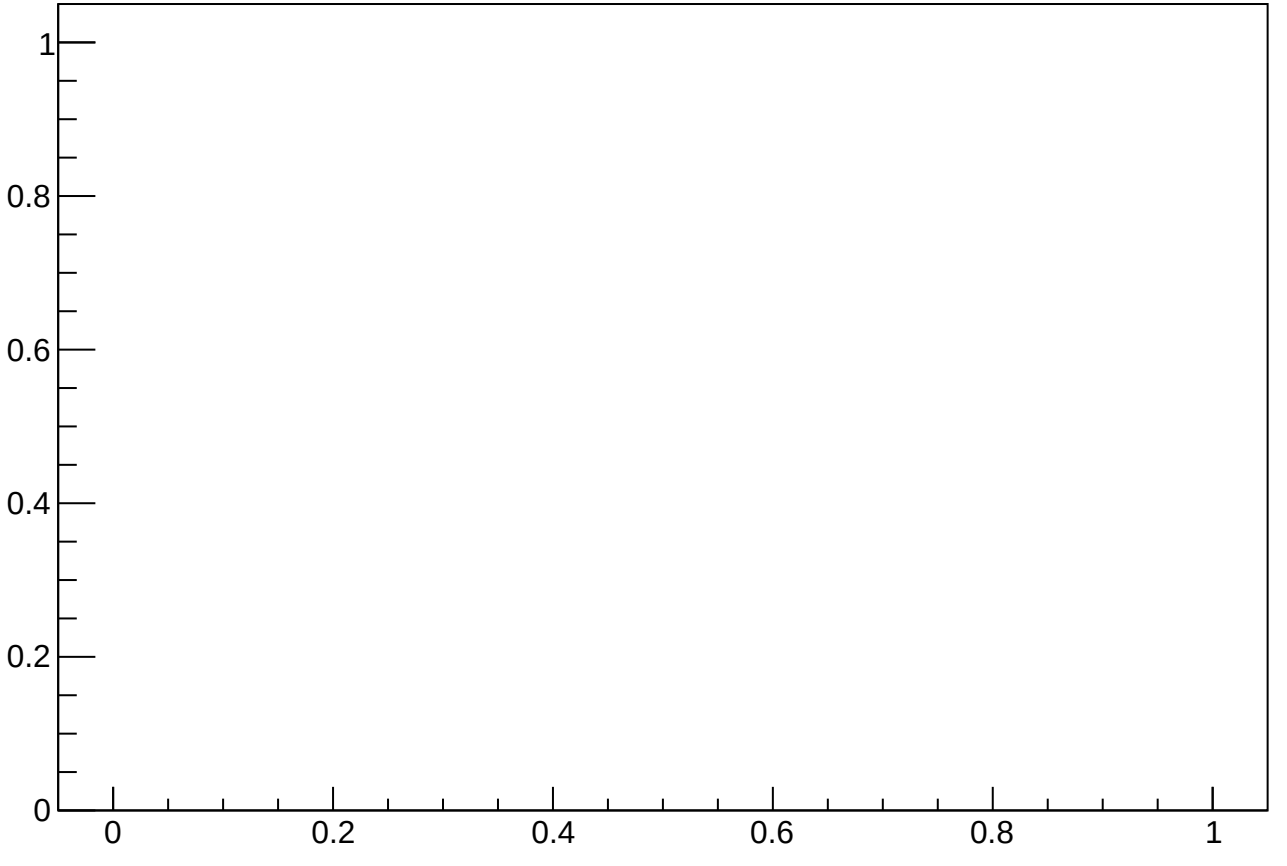
dit_atl1_coil5_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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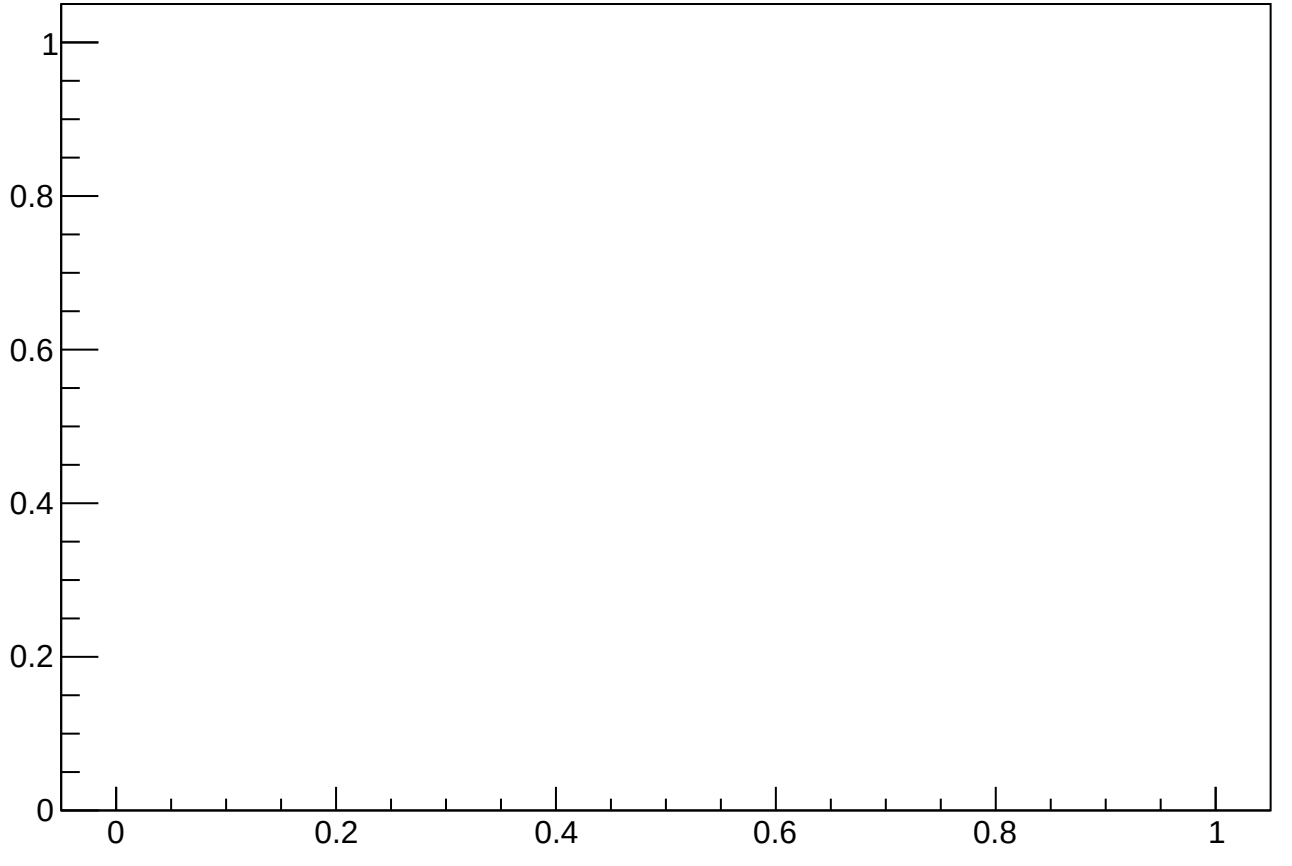
dit_atl2_coil5_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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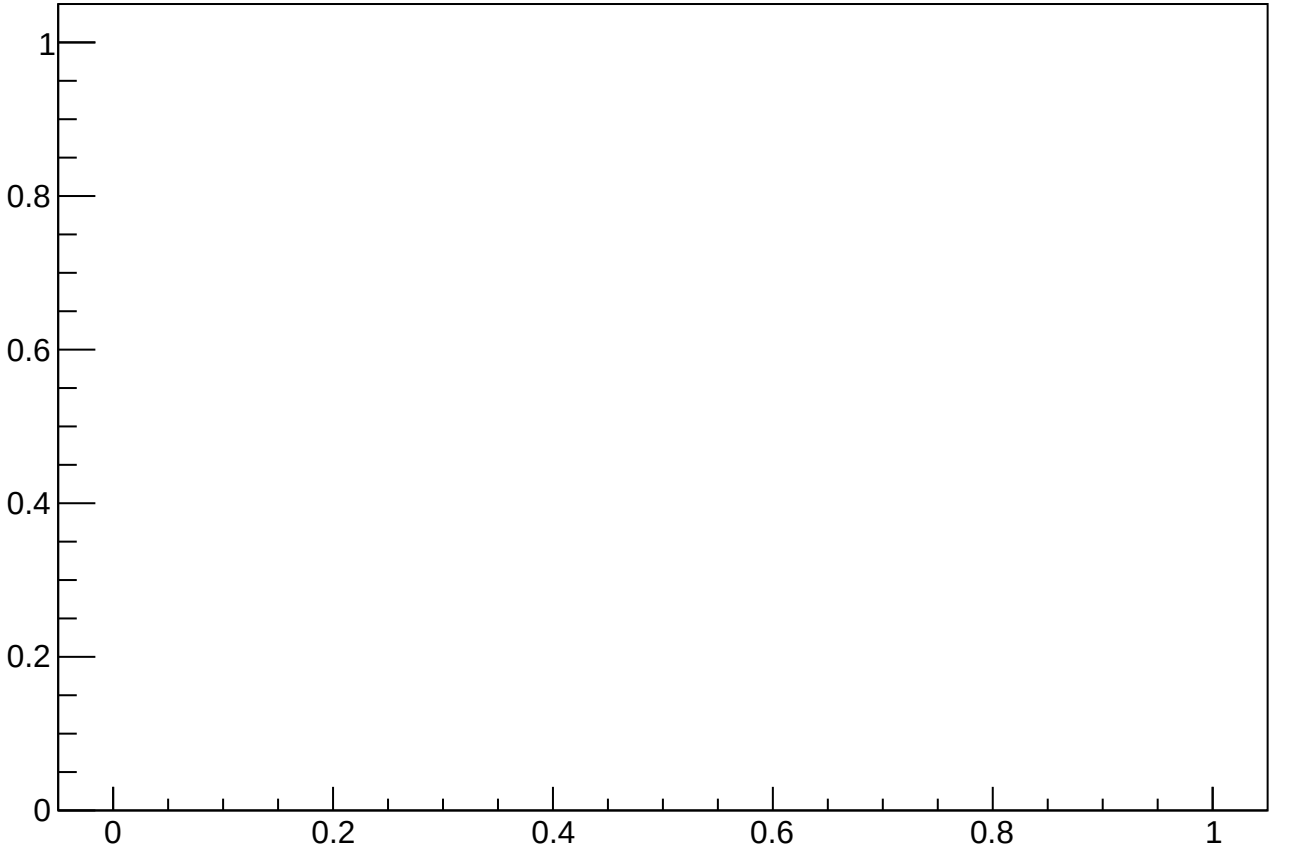
dit_atl2_coil5_err_mean vs Slug, Sign Corrected



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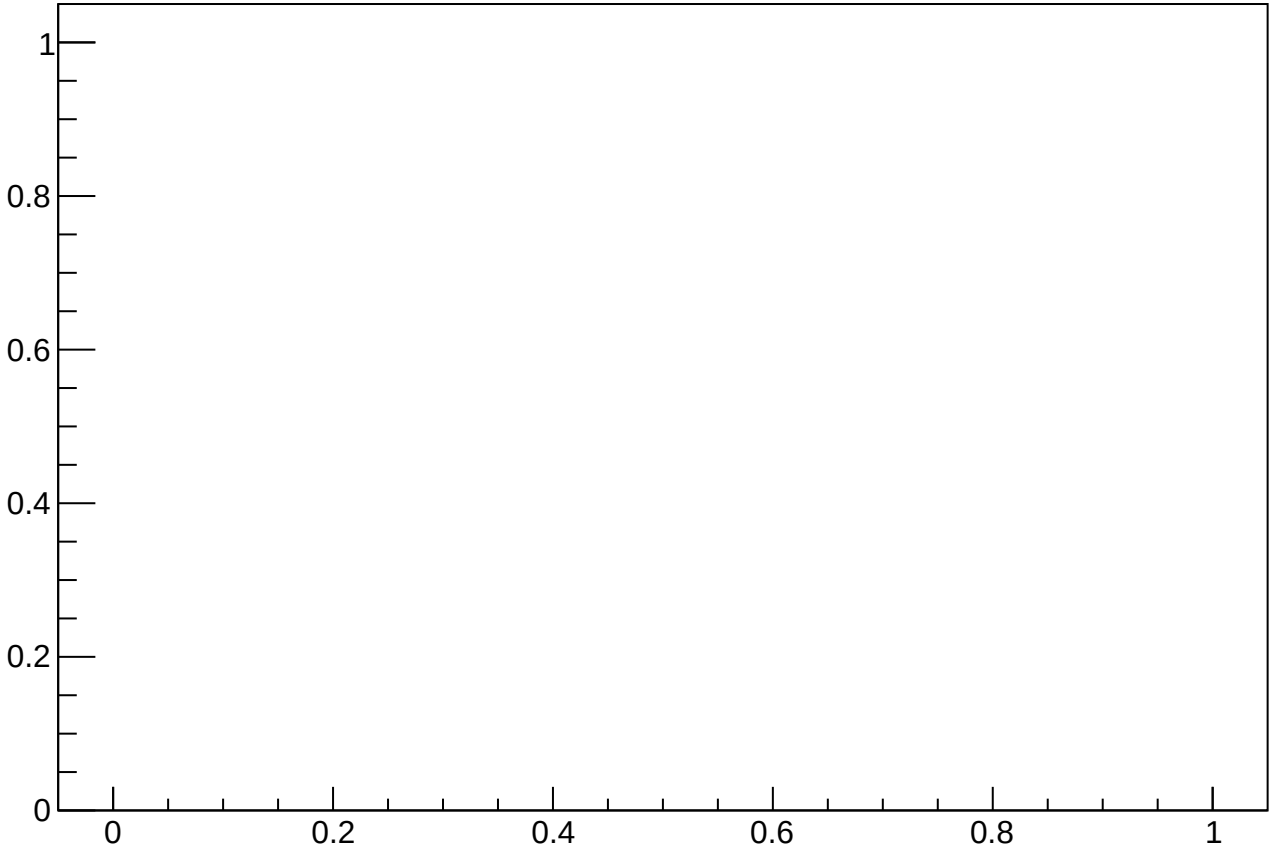
dit_atl2_coil5_Ndata_mean vs Slug, Sign Corrected



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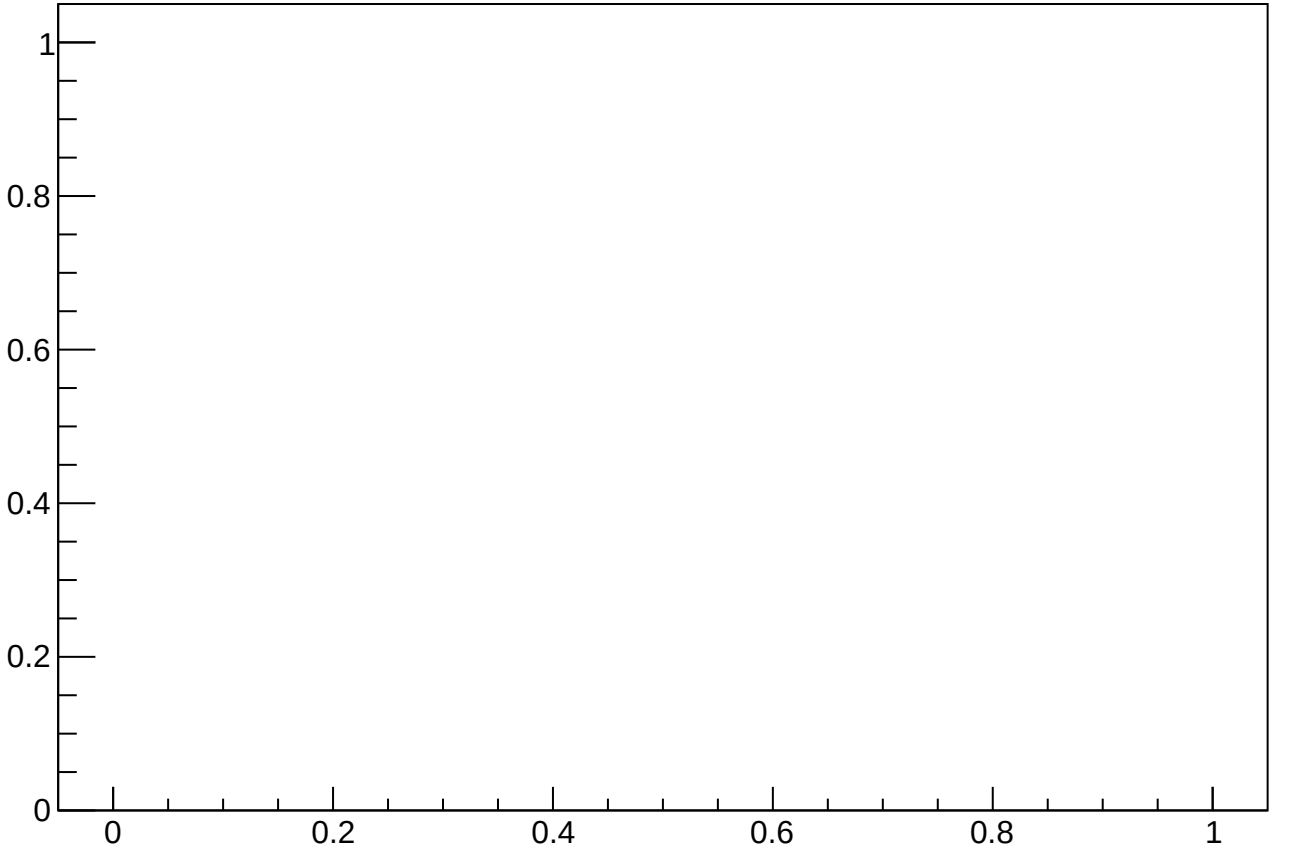
dit_atr1_coil5_mean vs Slug, Sign Corrected



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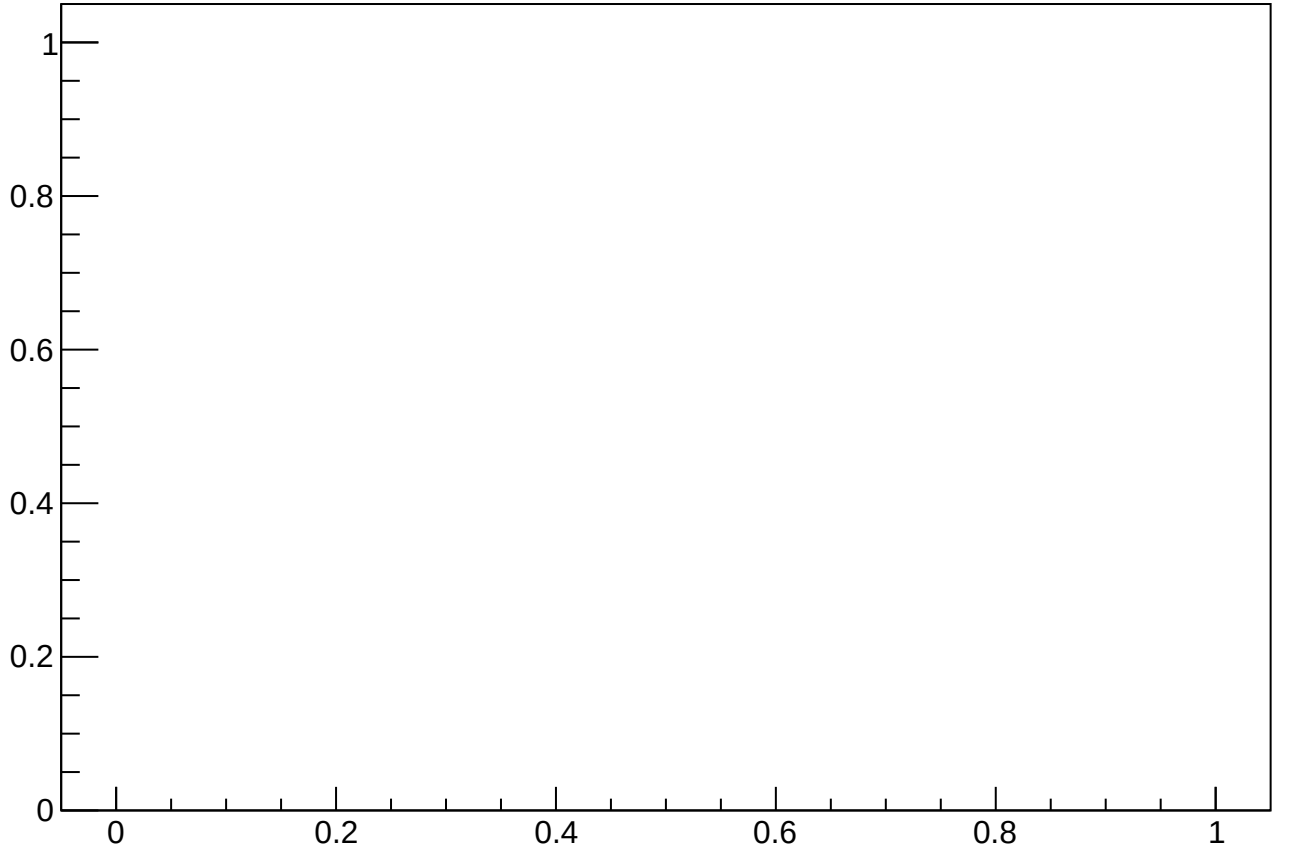
dit_atr1_coil5_err_mean vs Slug, Sign Corrected



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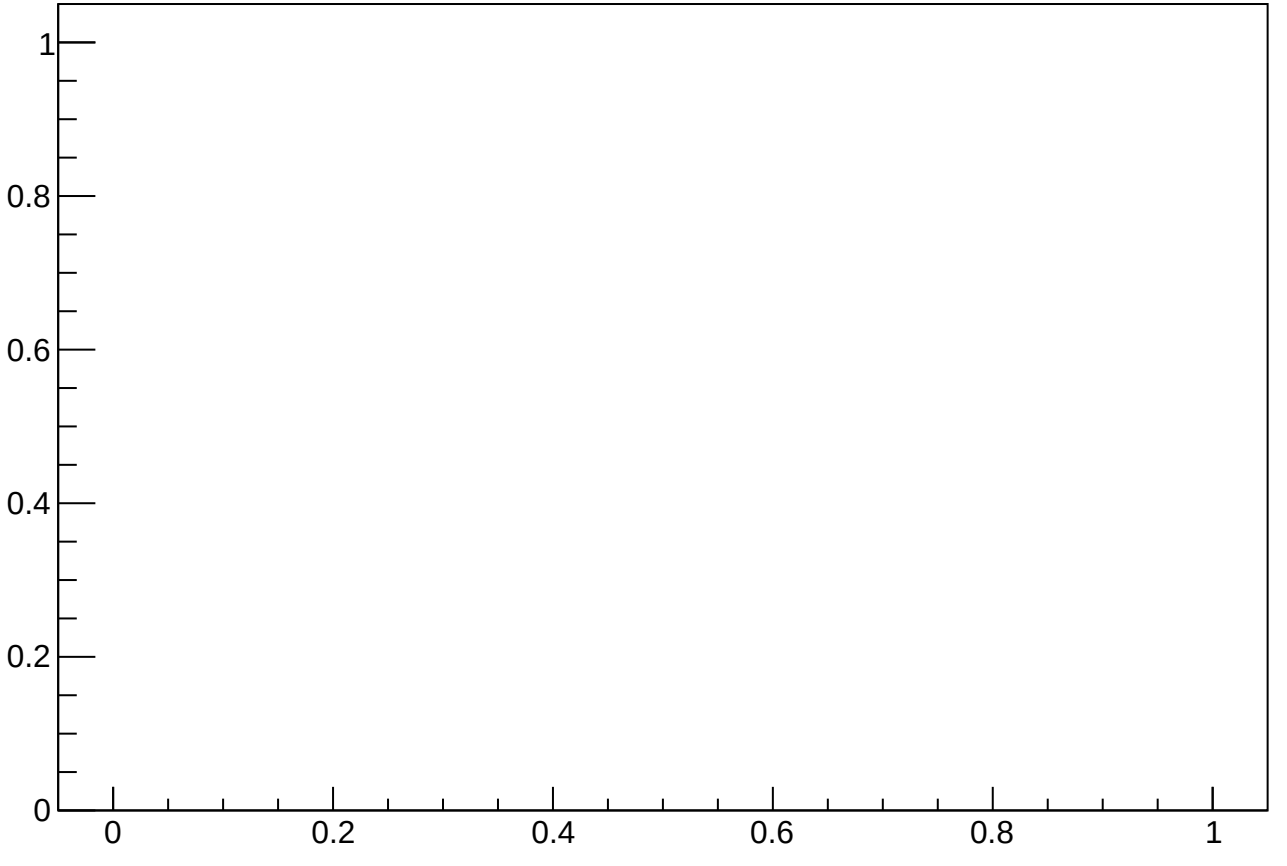
dit_atr1_coil5_Ndata_mean vs Slug, Sign Corrected



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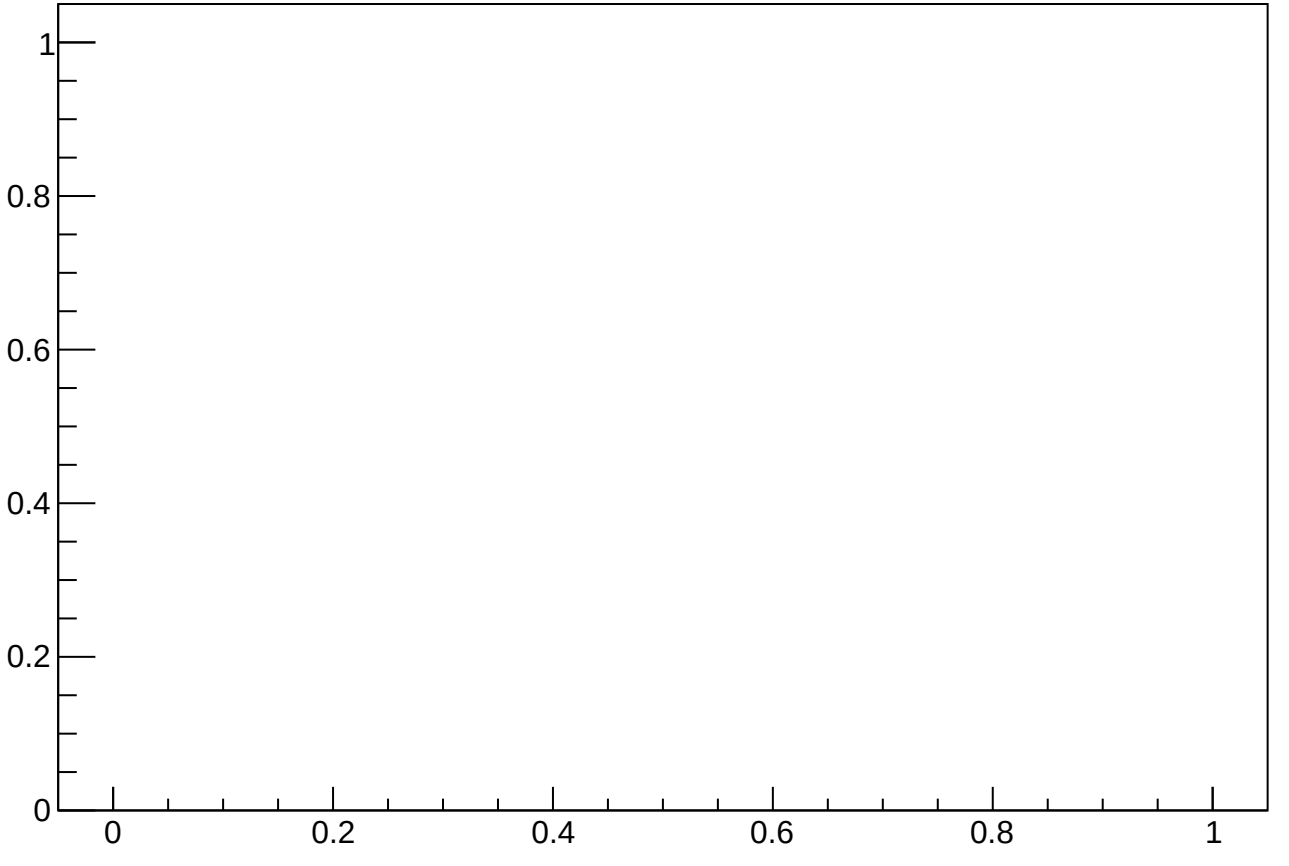

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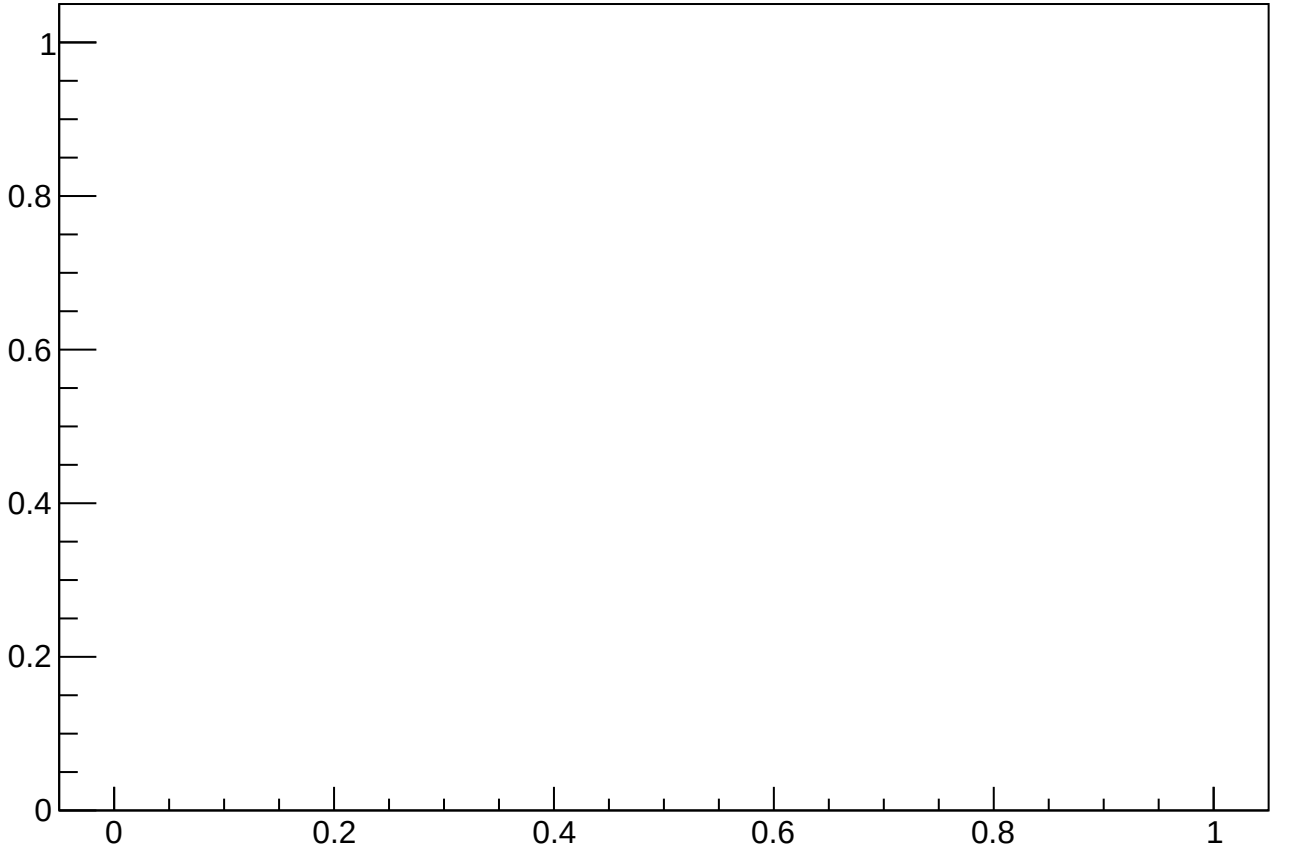
dit_atr2_coil5_err_mean vs Slug, Sign Corrected



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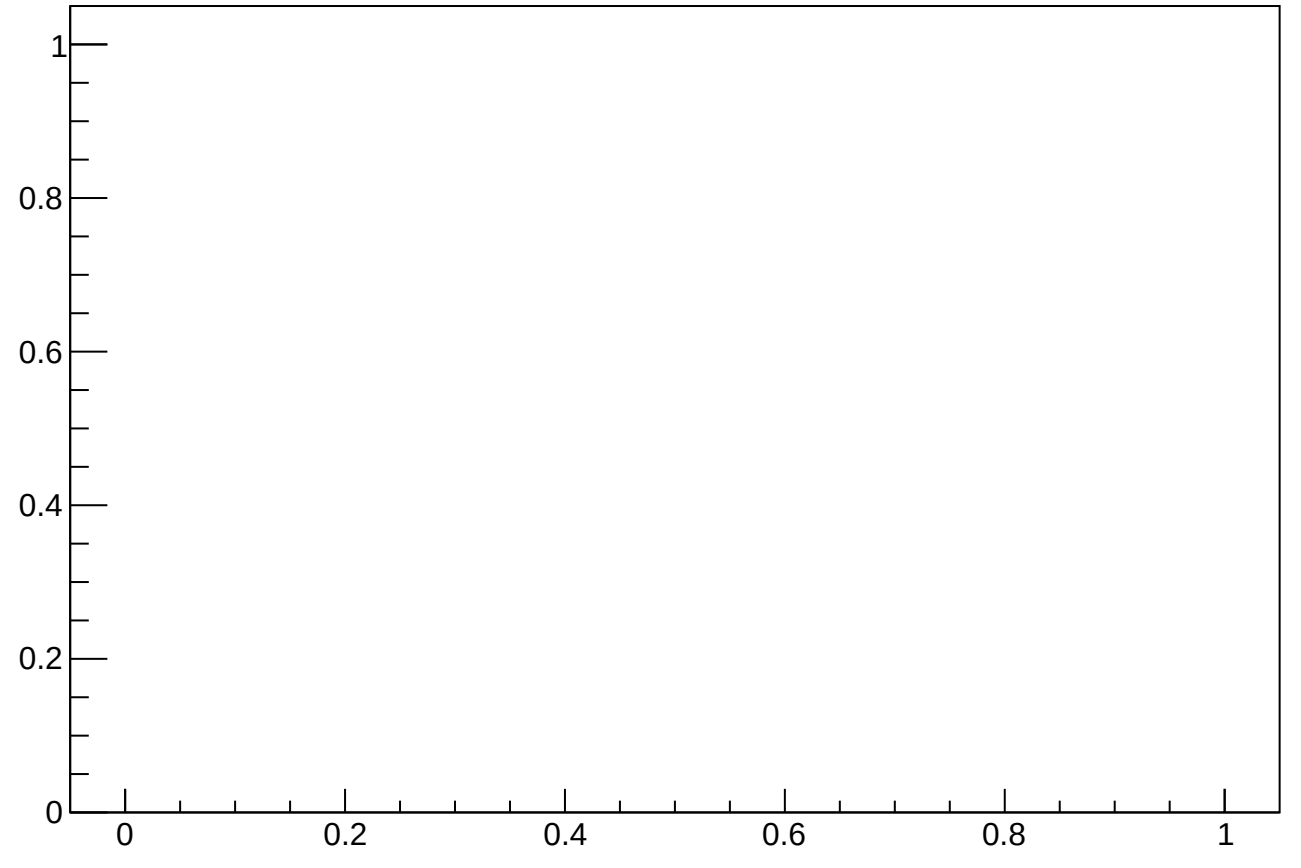

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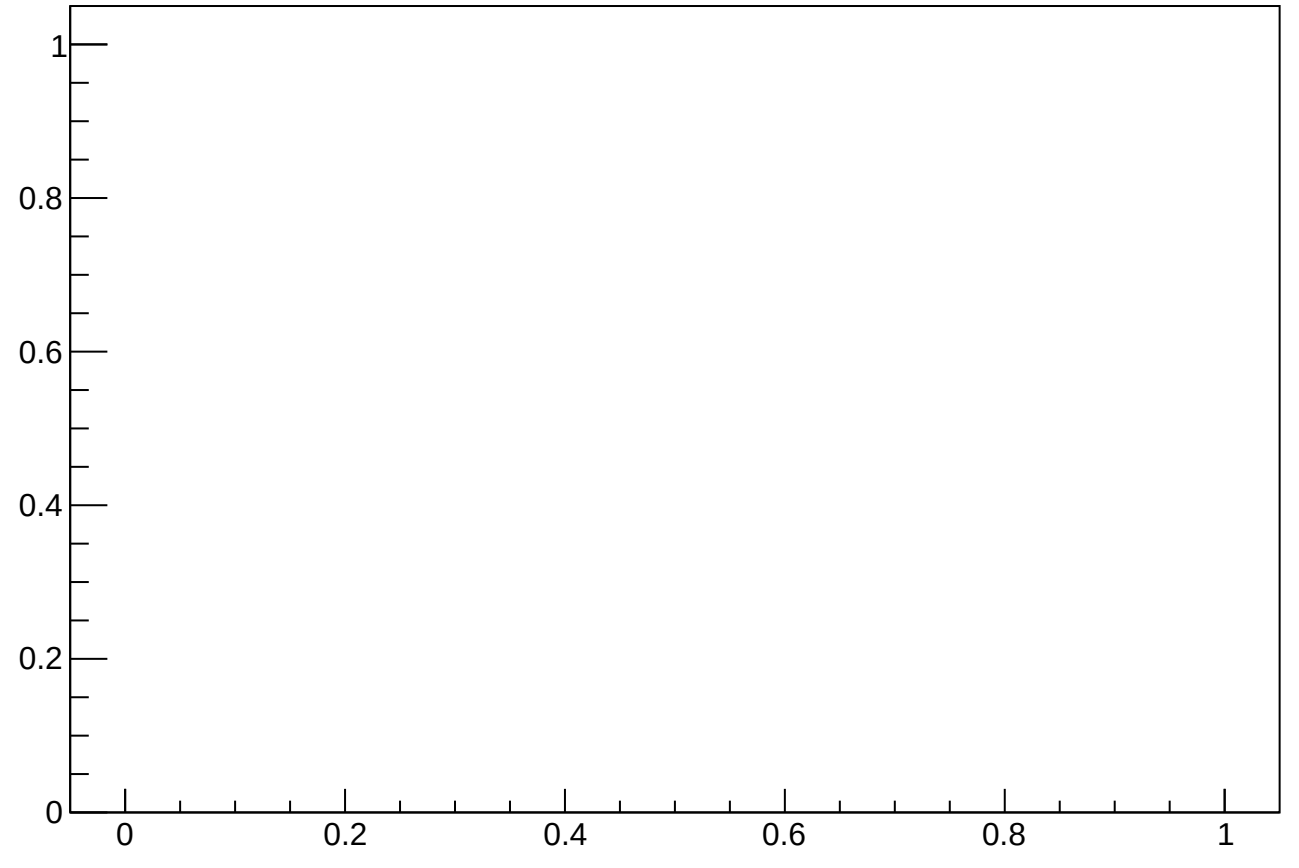

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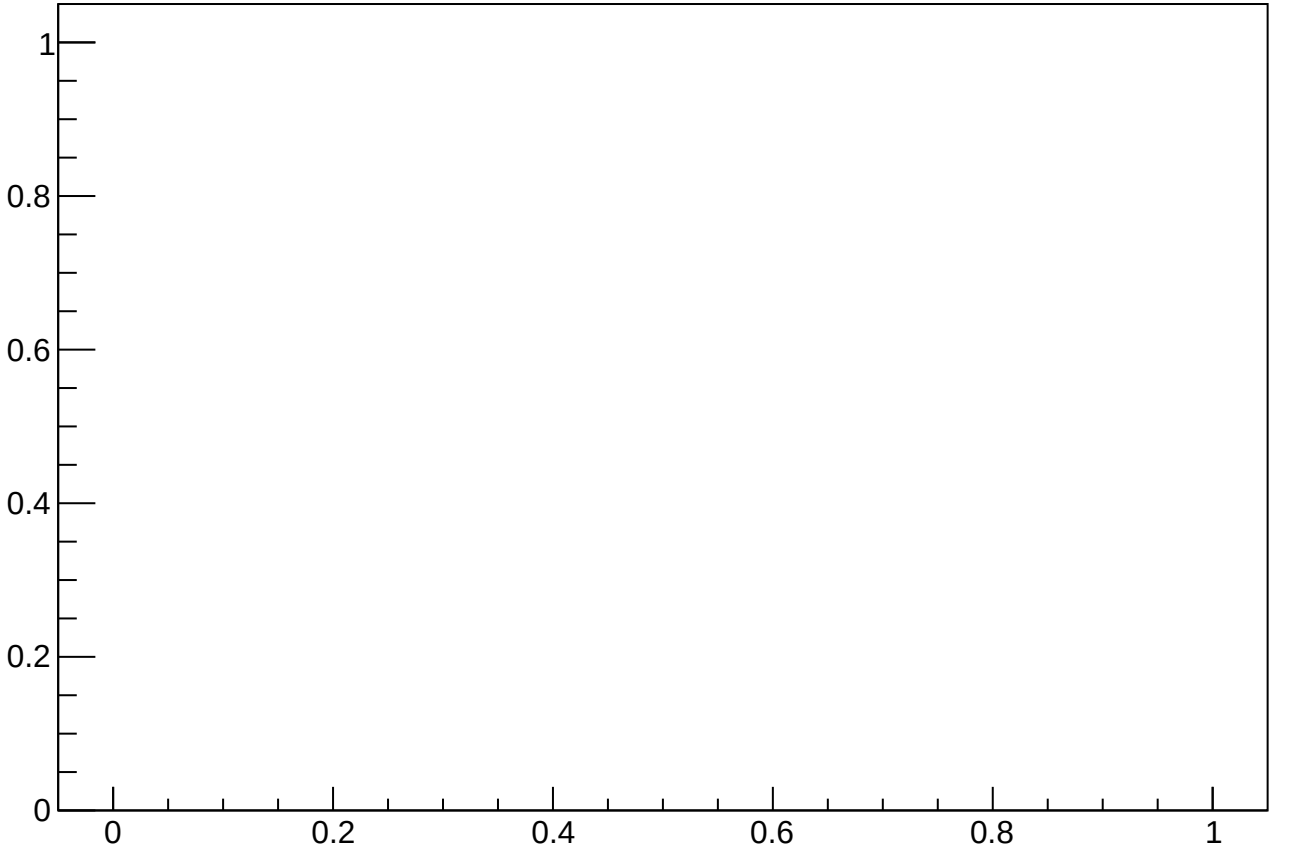
dit_sam1_coil5_err_mean vs Slug, Sign Corrected



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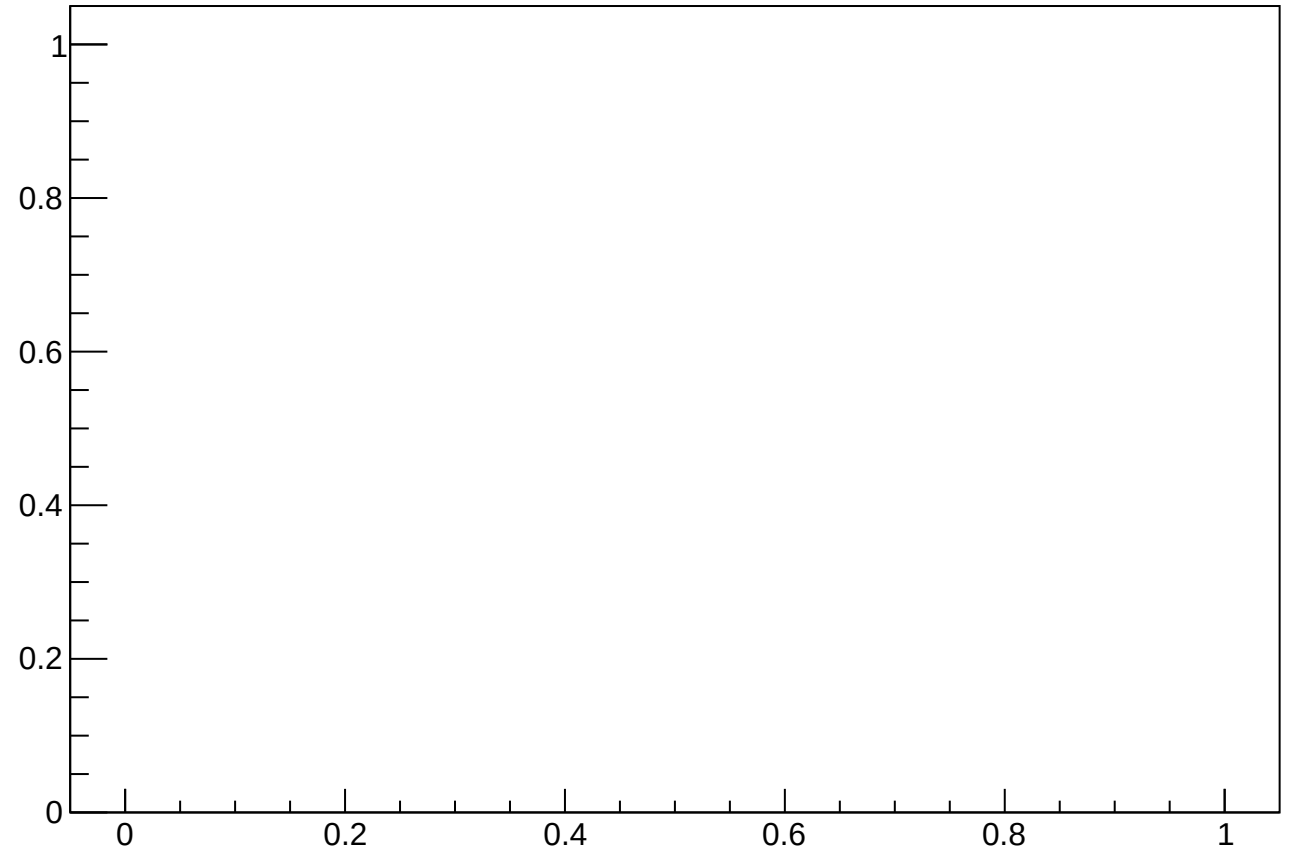

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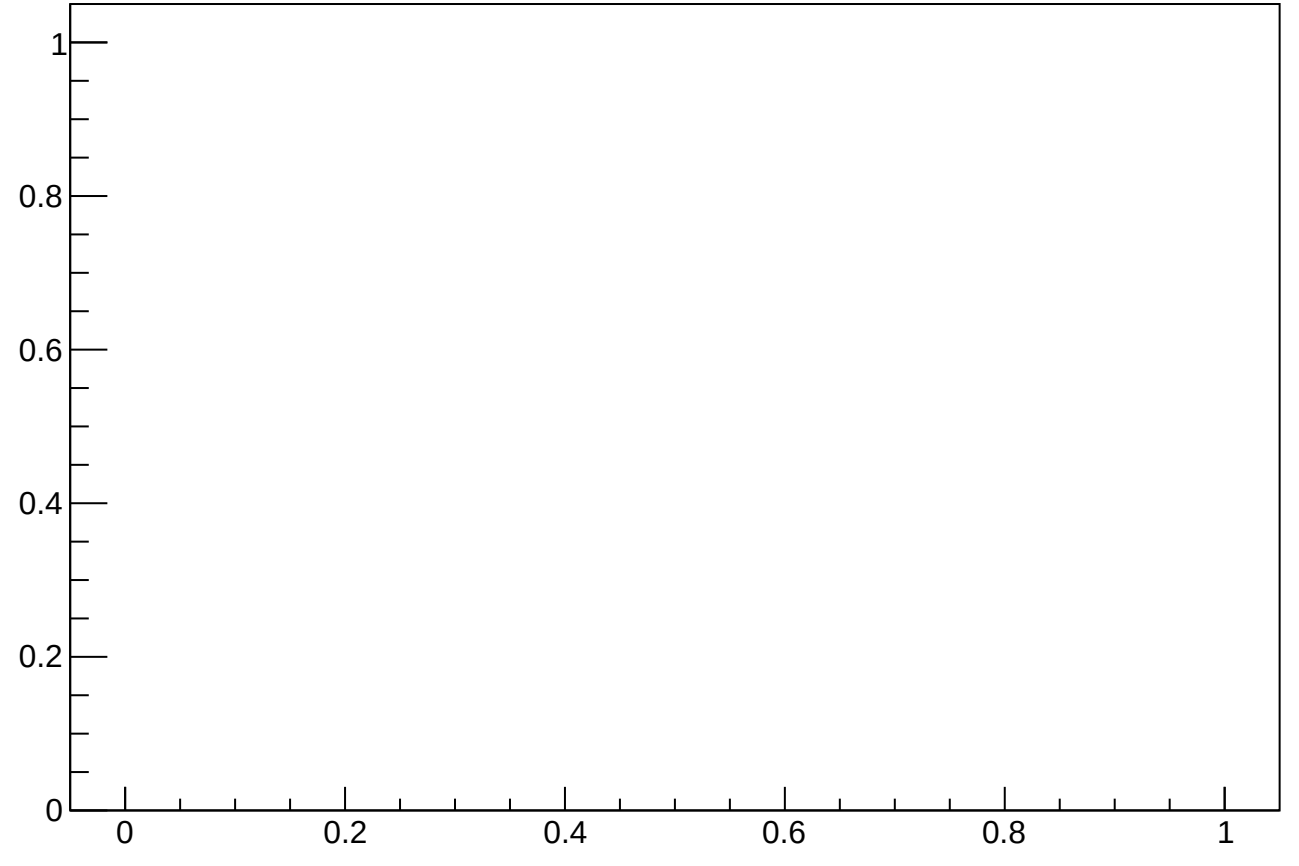

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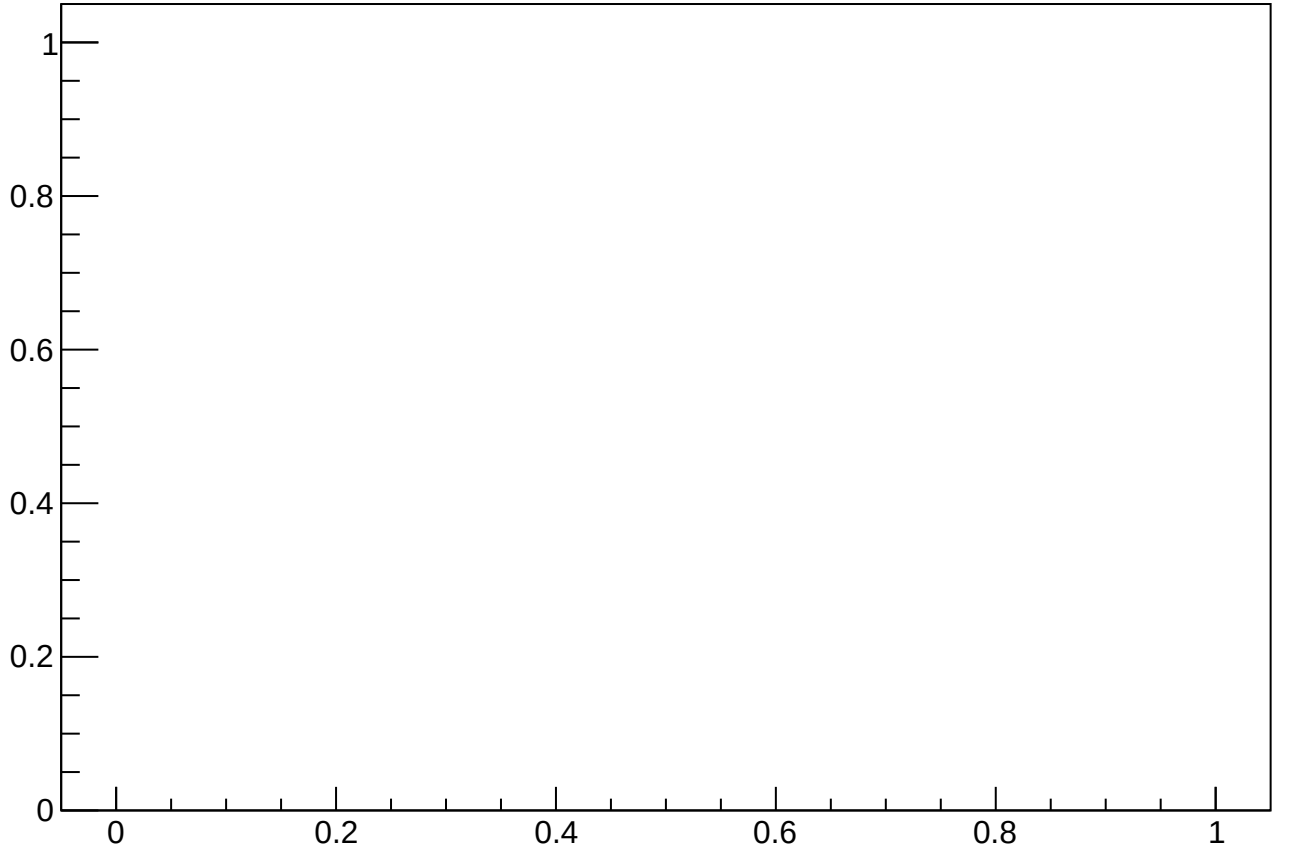
dit_sam2_coil5_err_mean vs Slug, Sign Corrected



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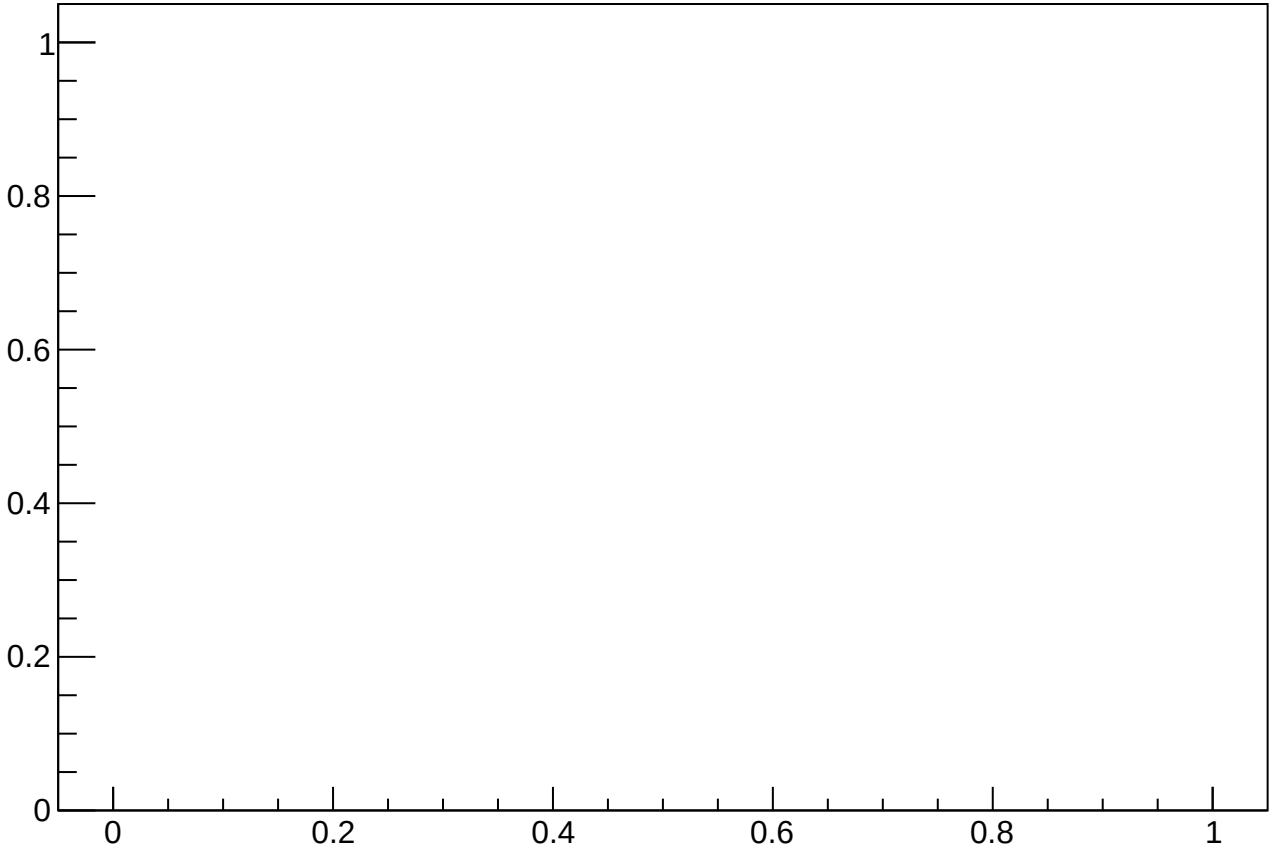
dit_sam2_coil5_Ndata_mean vs Slug, Sign Corrected



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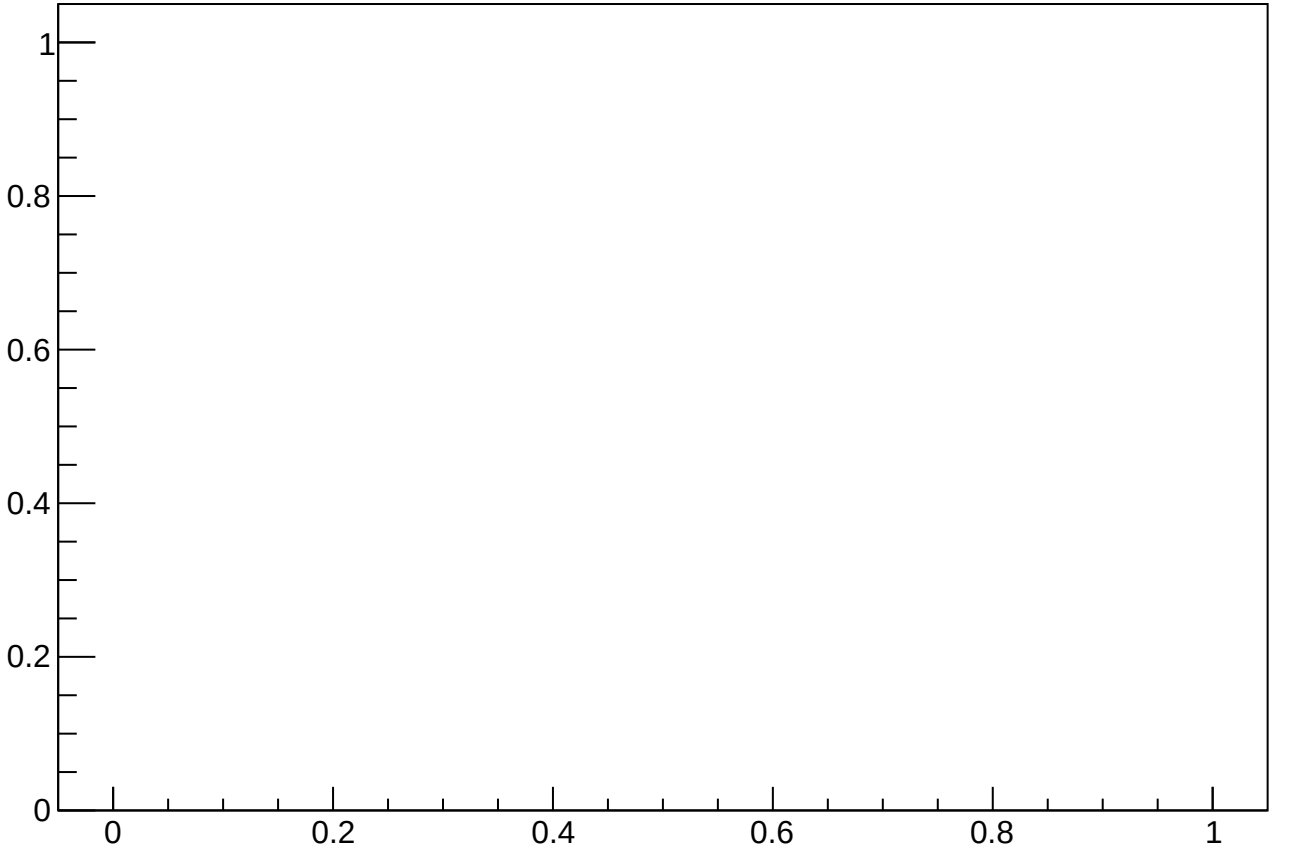
dit_sam3_coil5_mean vs Slug, Sign Corrected



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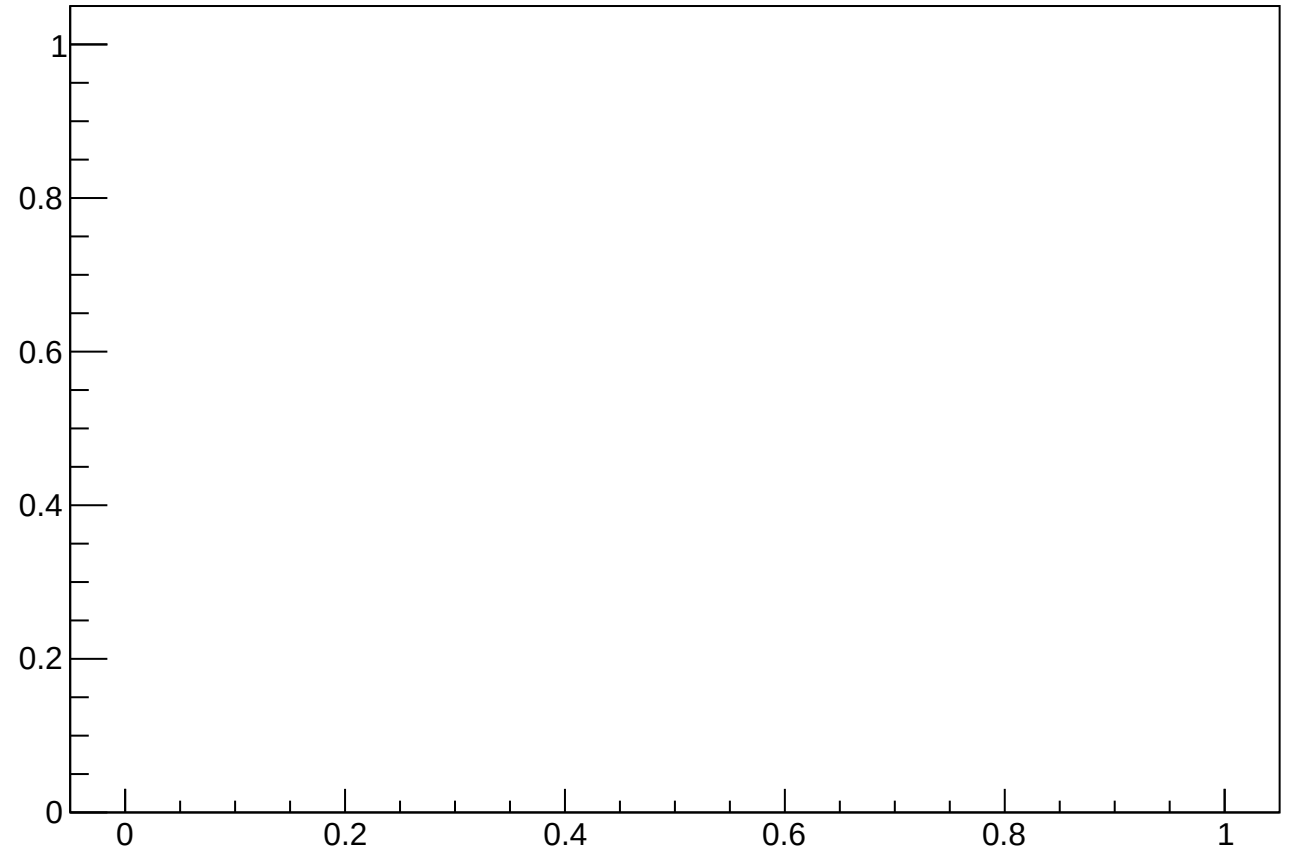

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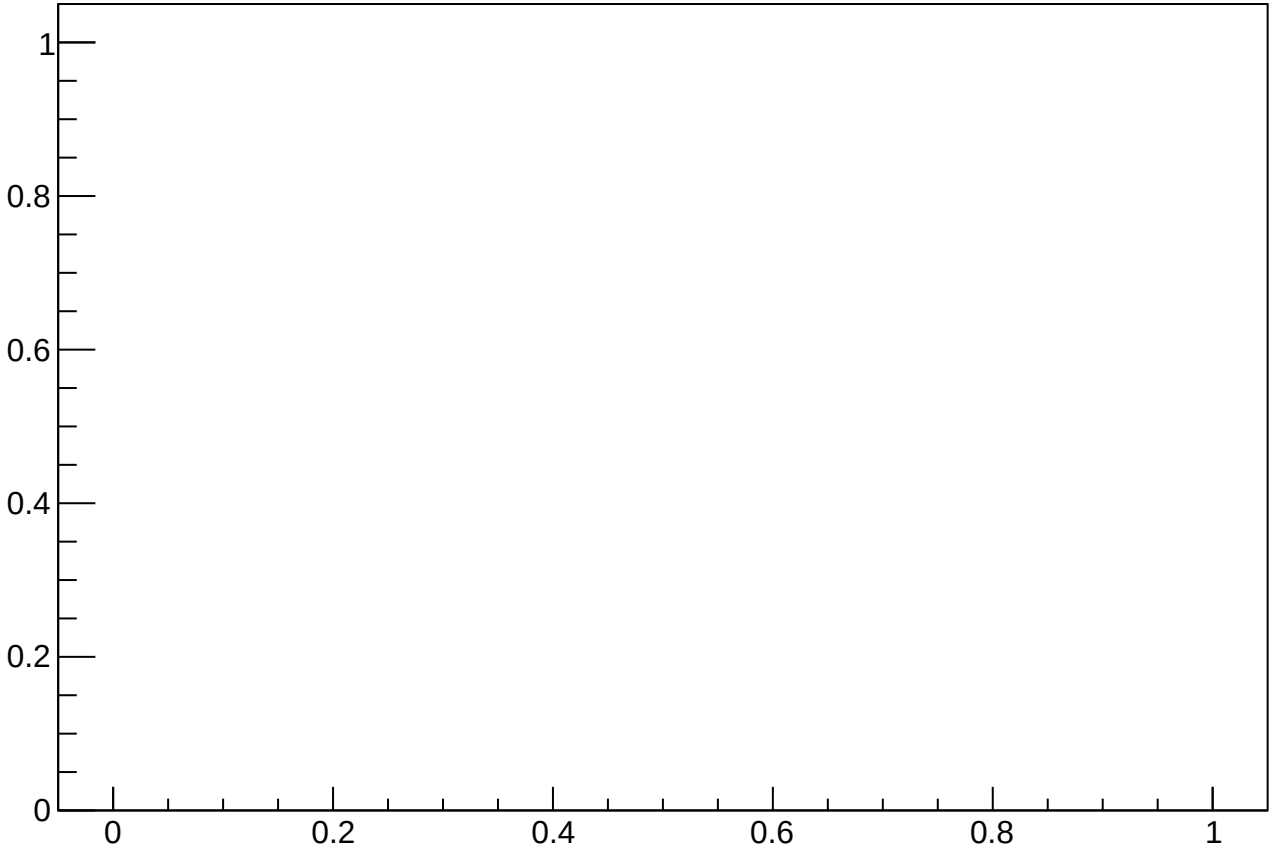
dit_sam3_coil5_Ndata_mean vs Slug, Sign Corrected



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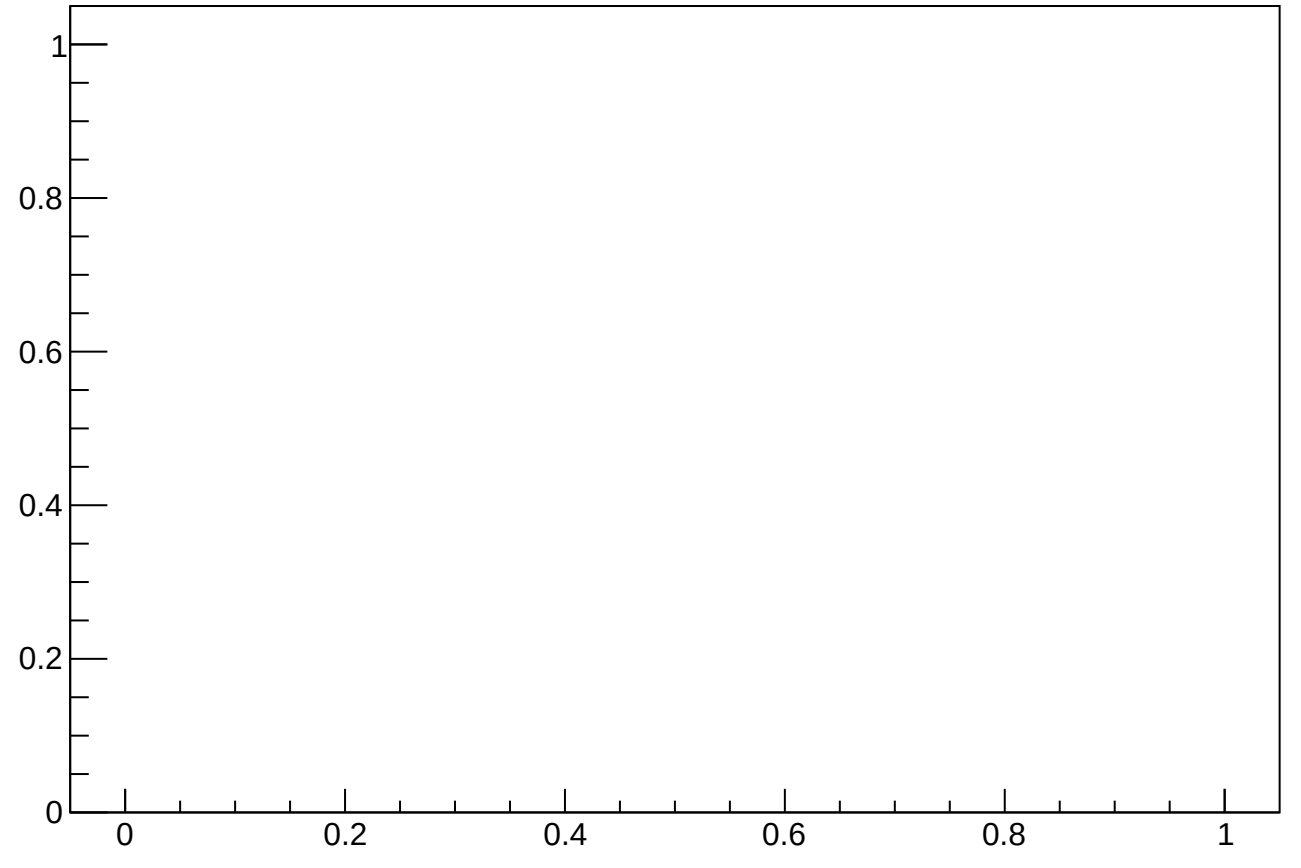

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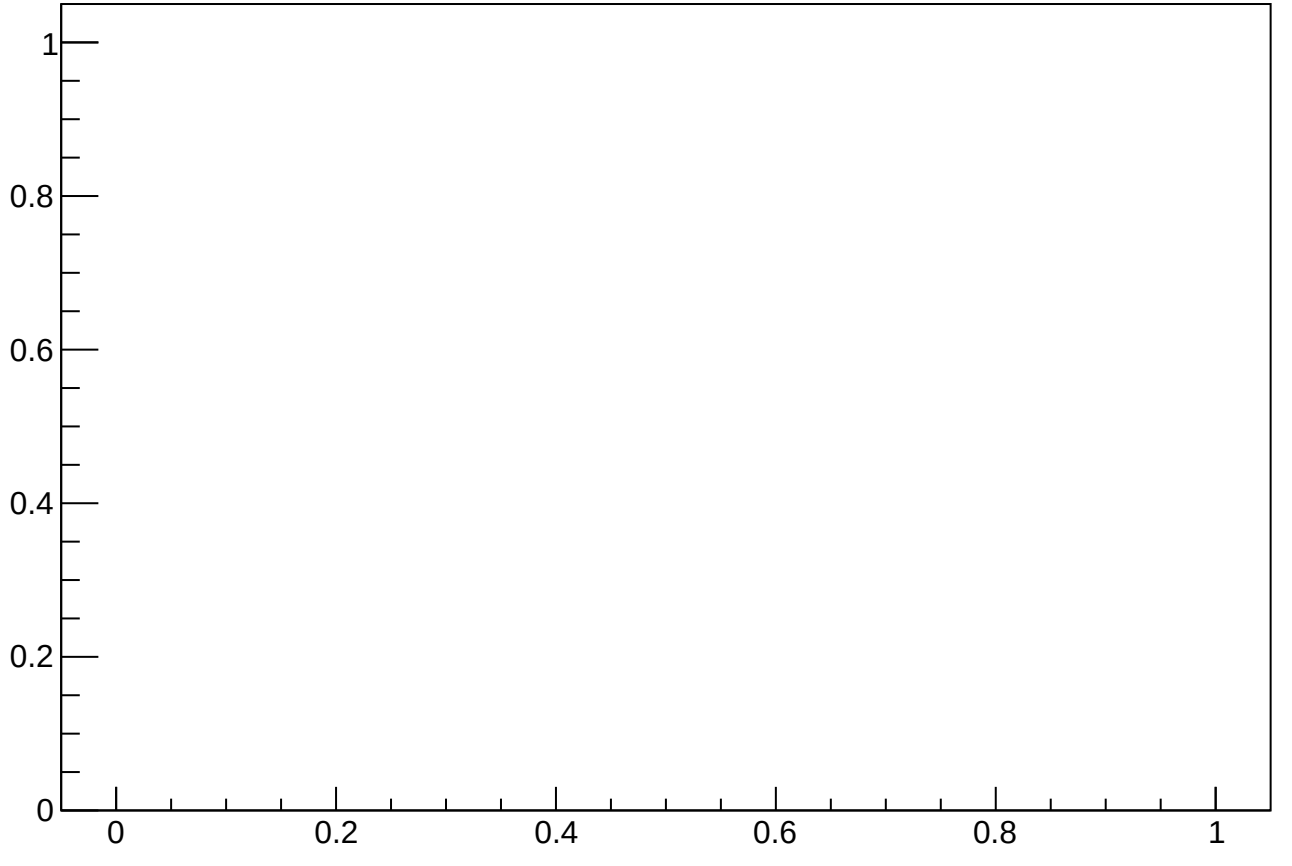
dit_sam4_coil5_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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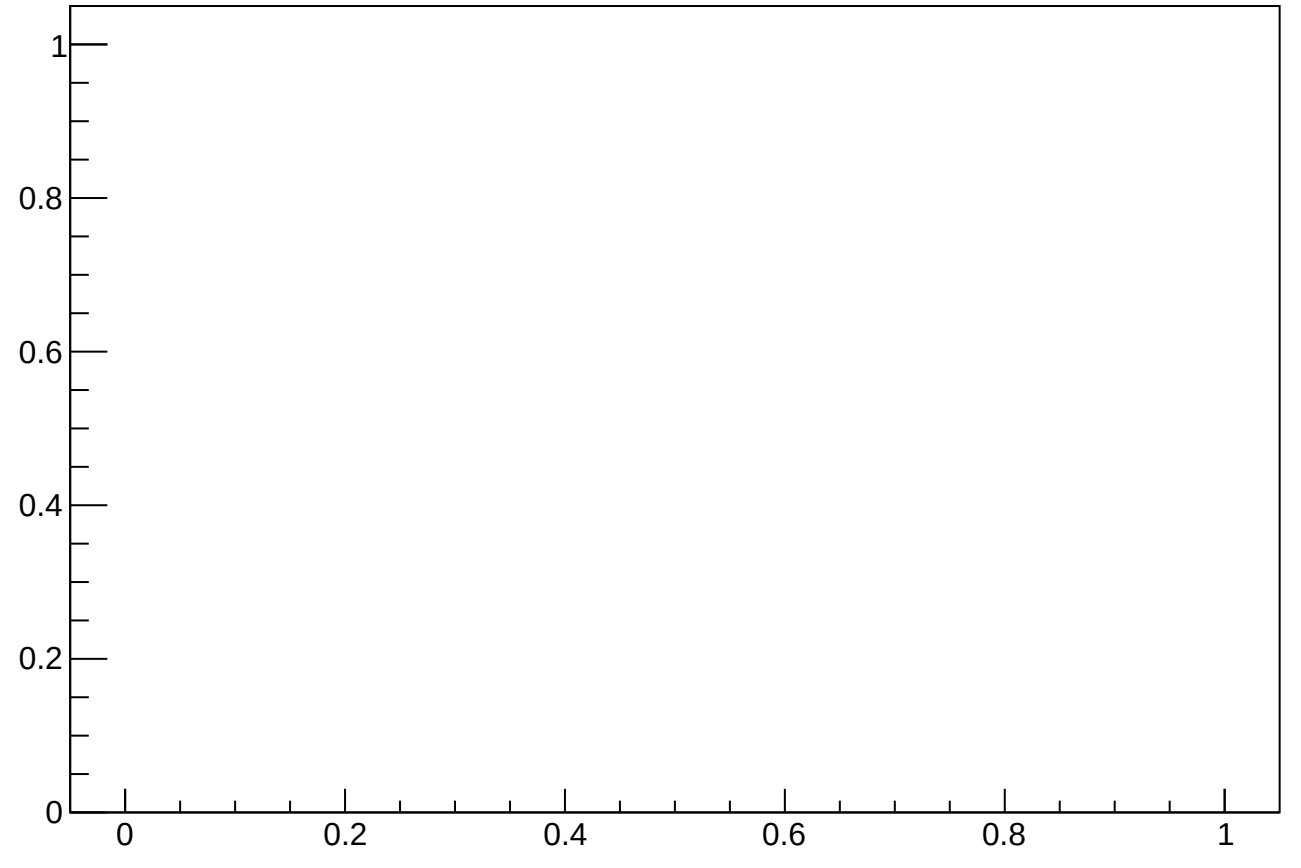

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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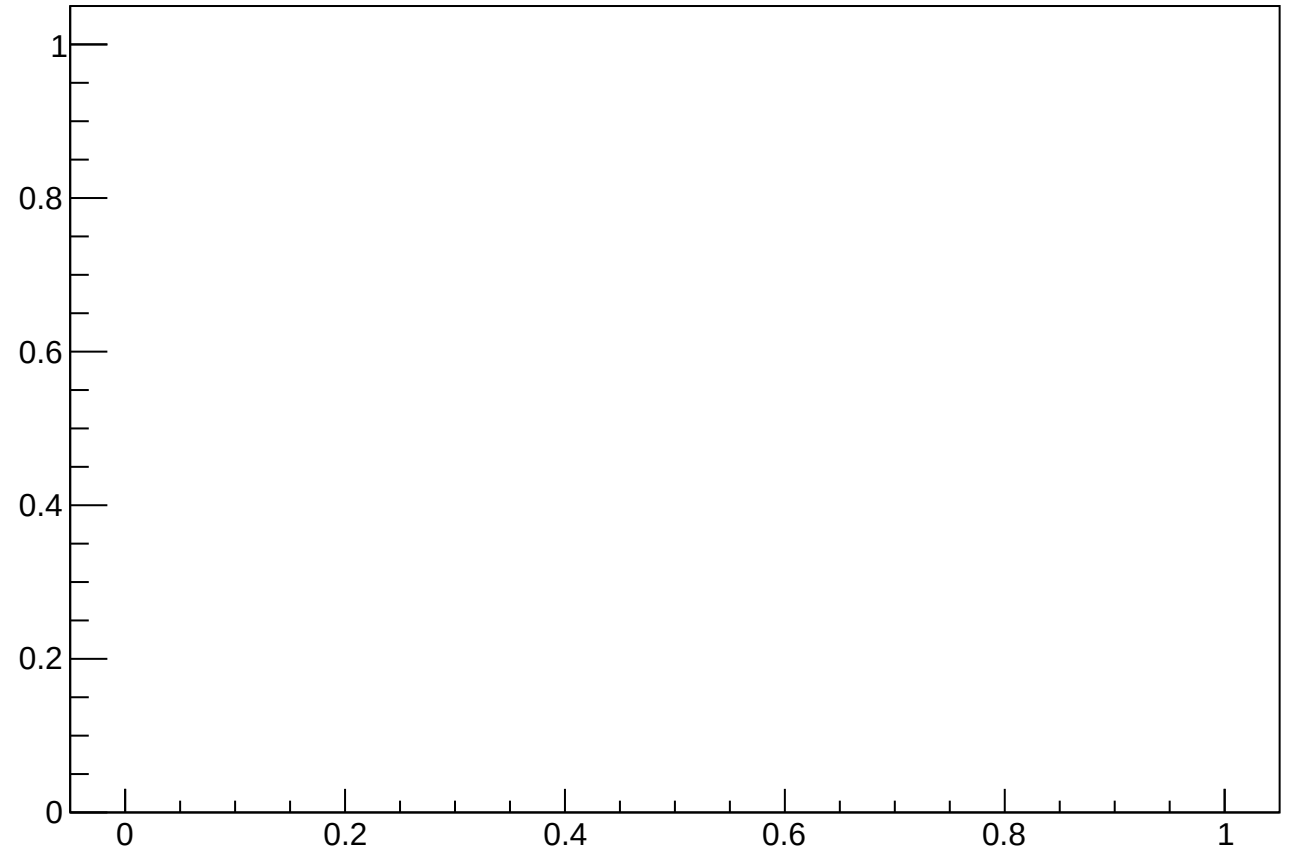

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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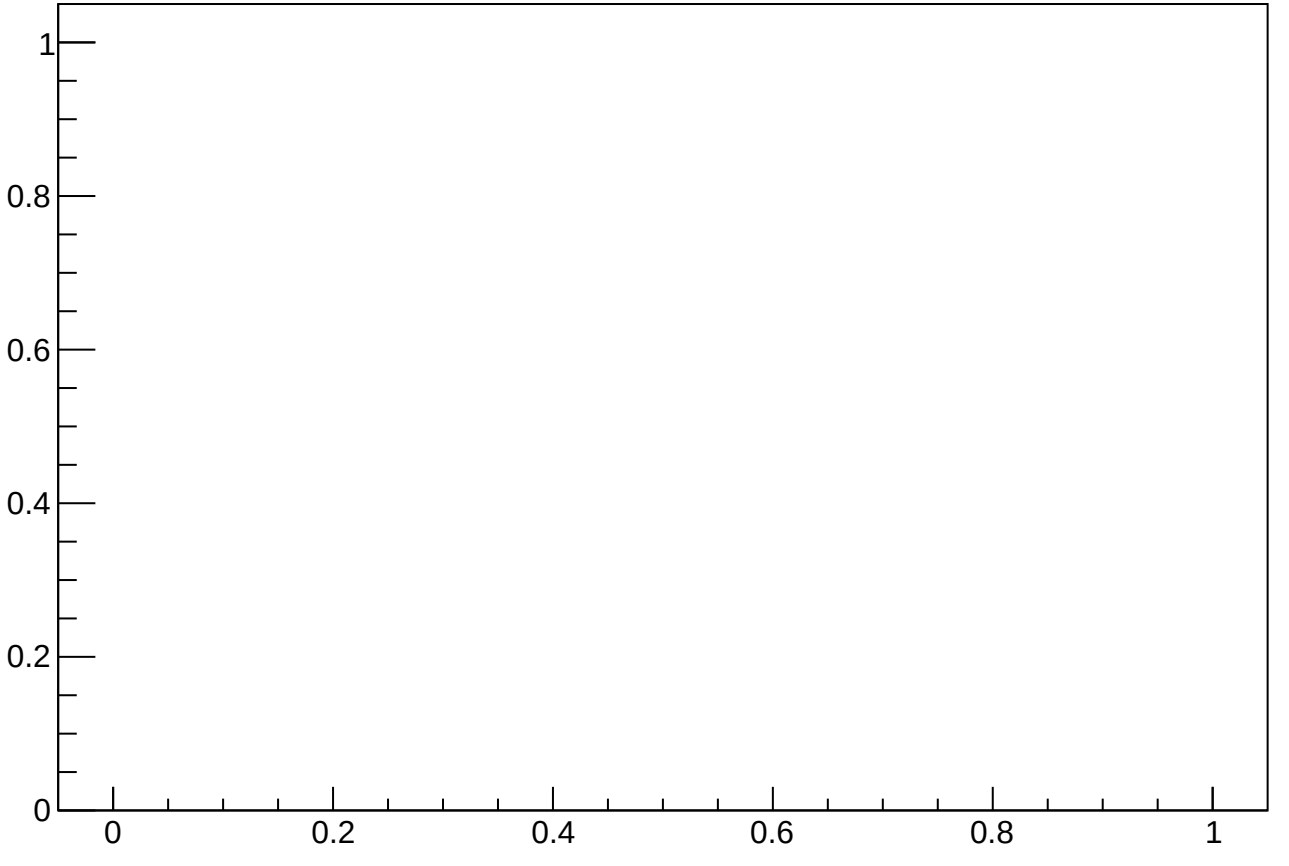
dit_sam5_coil5_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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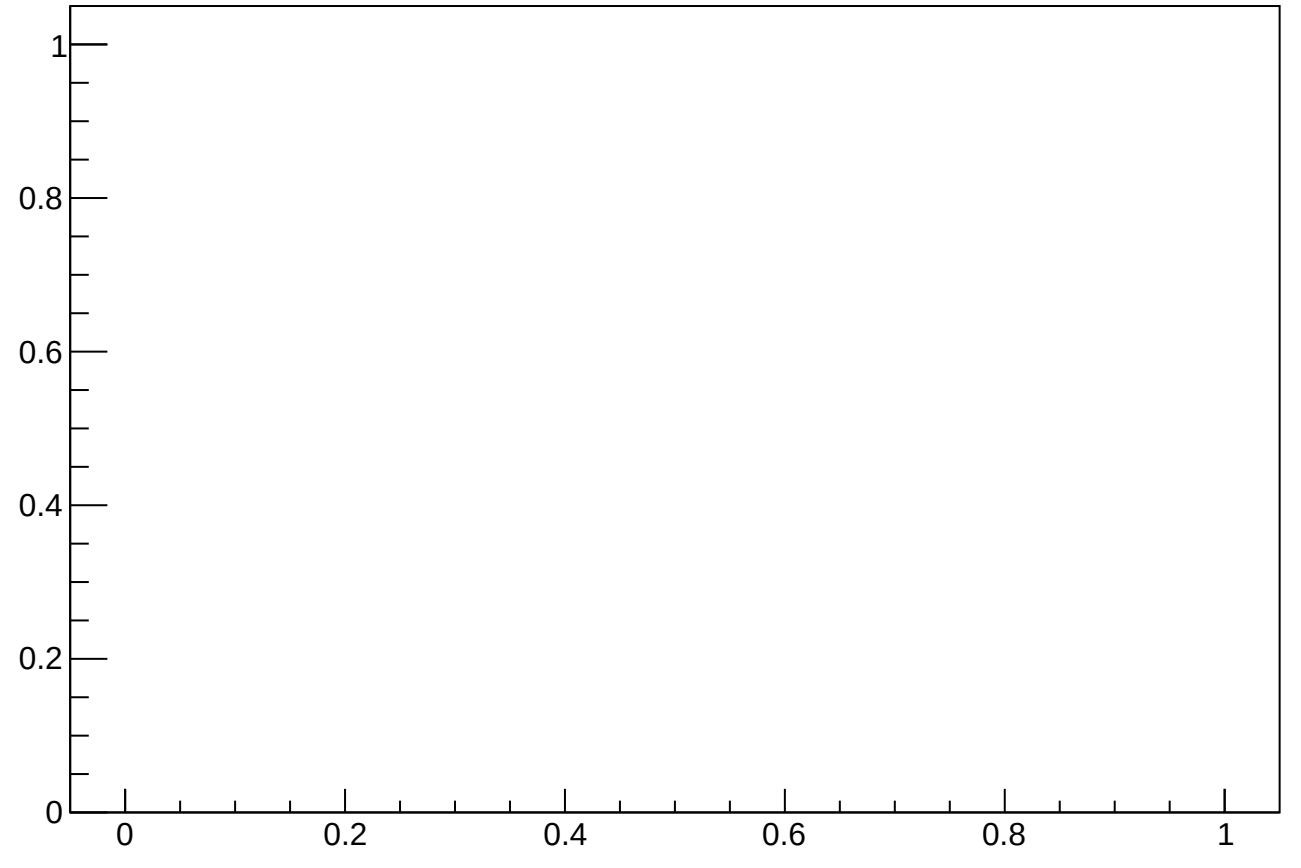

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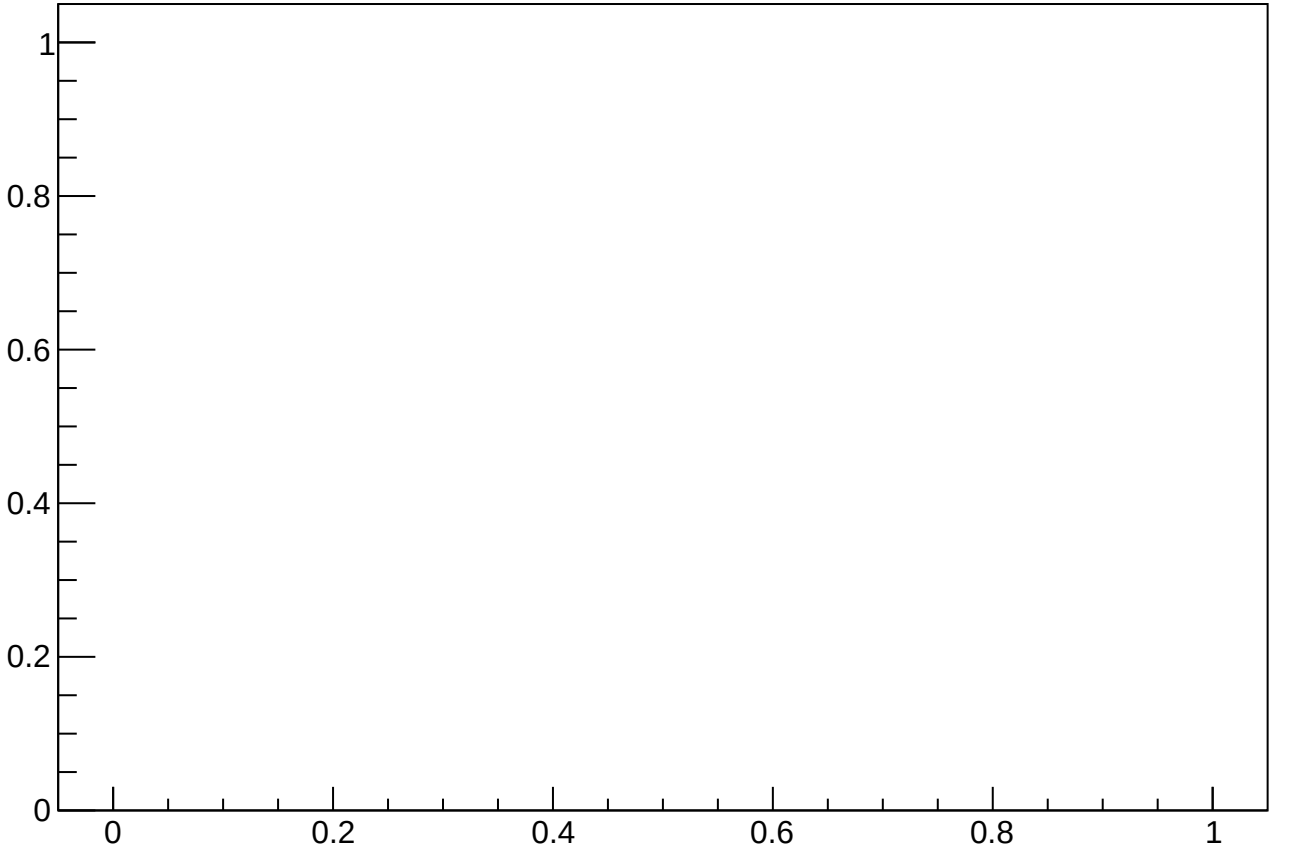
dit_sam6_coil5_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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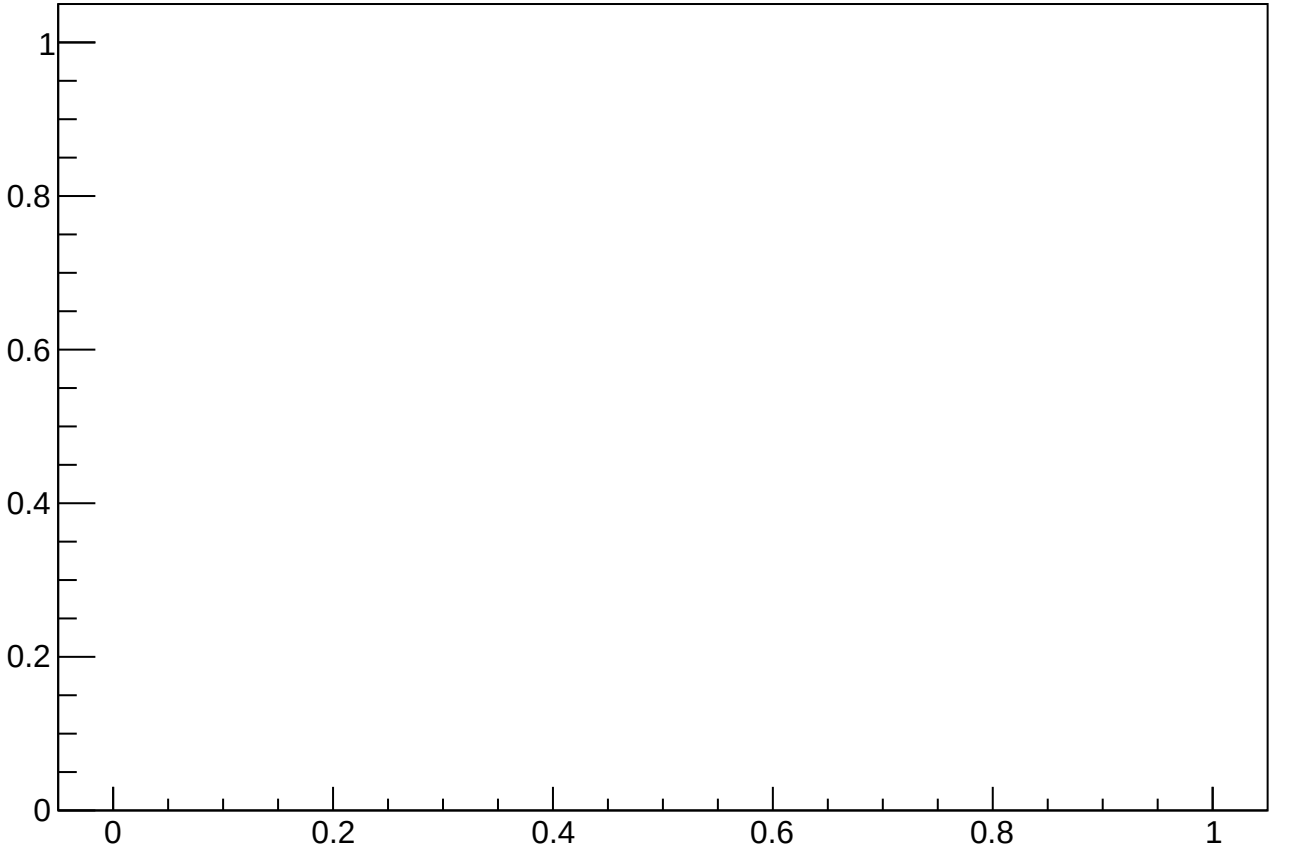
dit_sam6_coil5_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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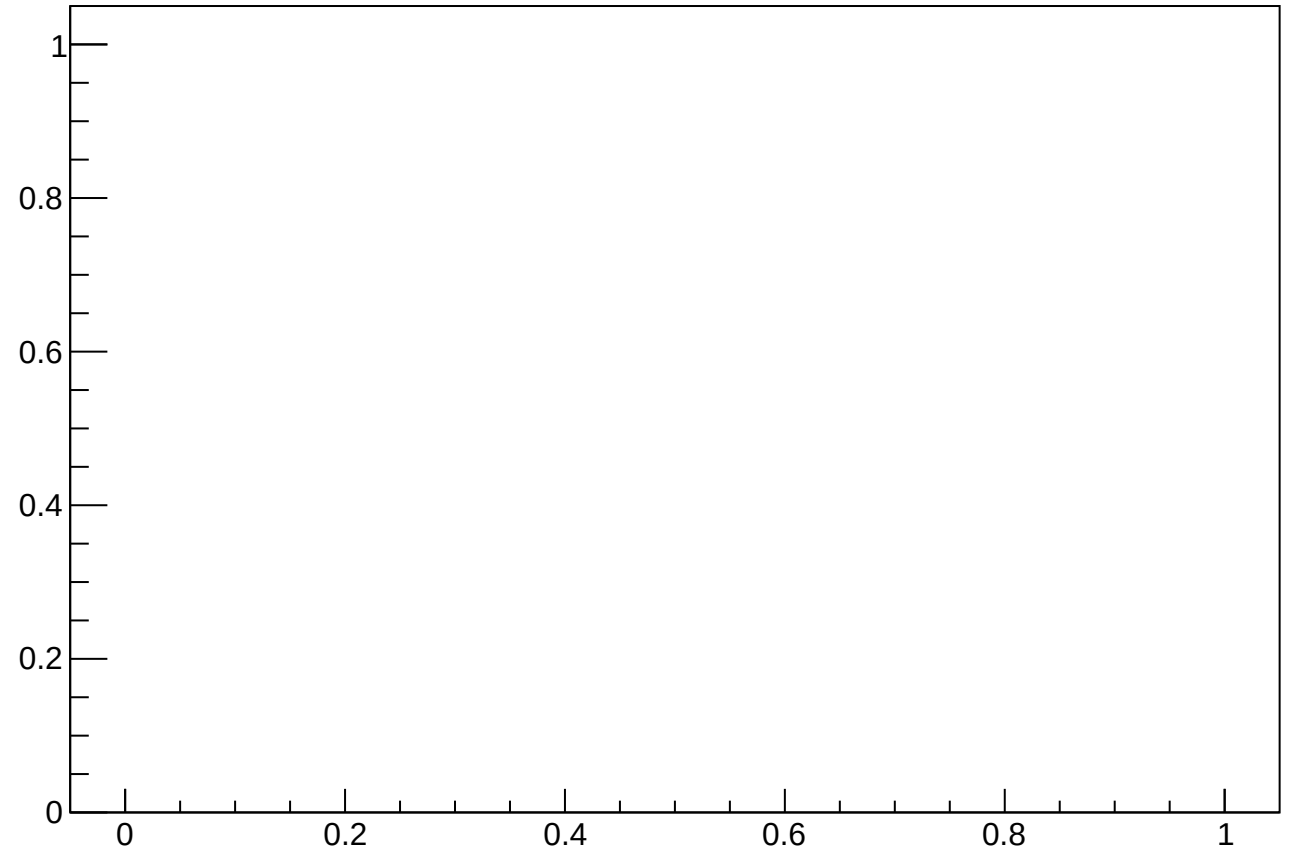

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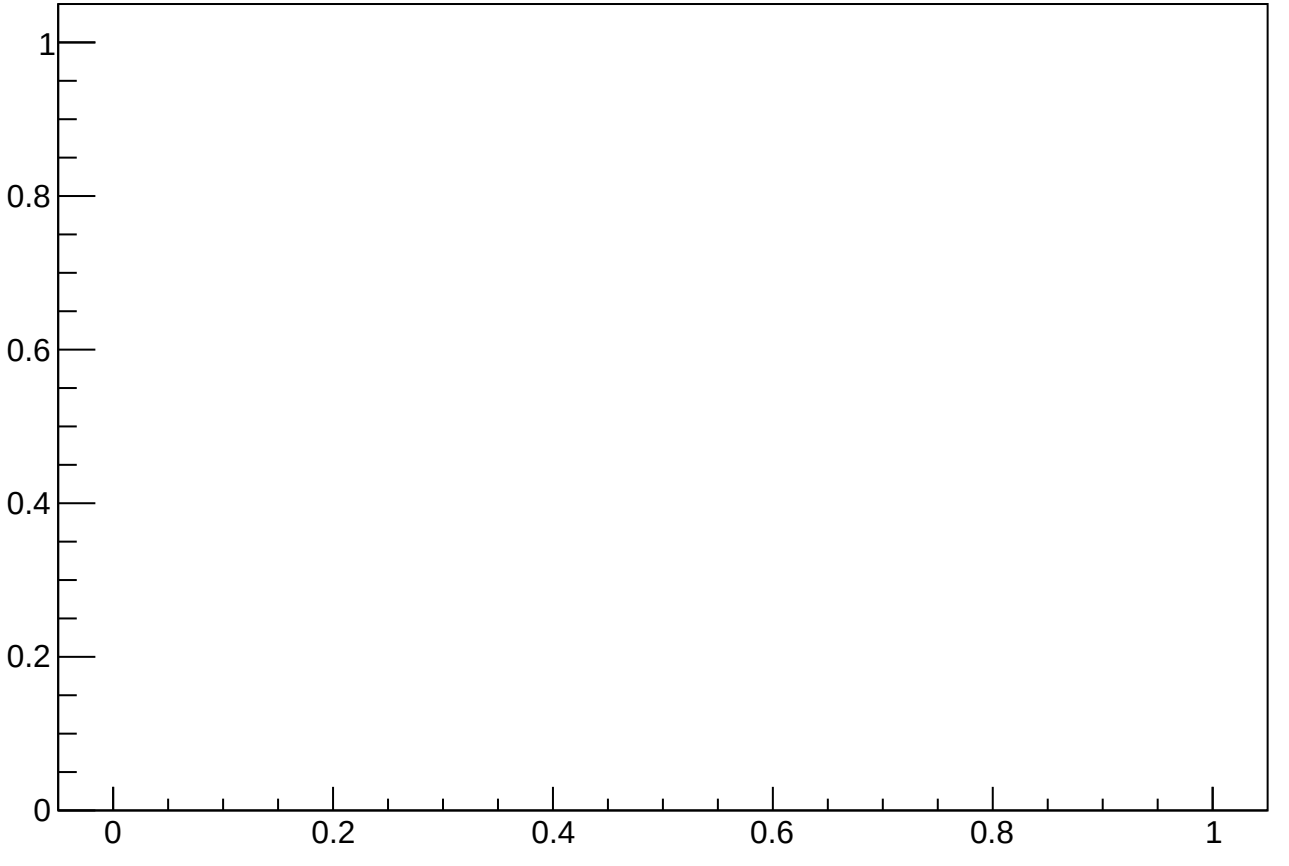
dit_sam7_coil5_mean vs Slug, Sign Corrected



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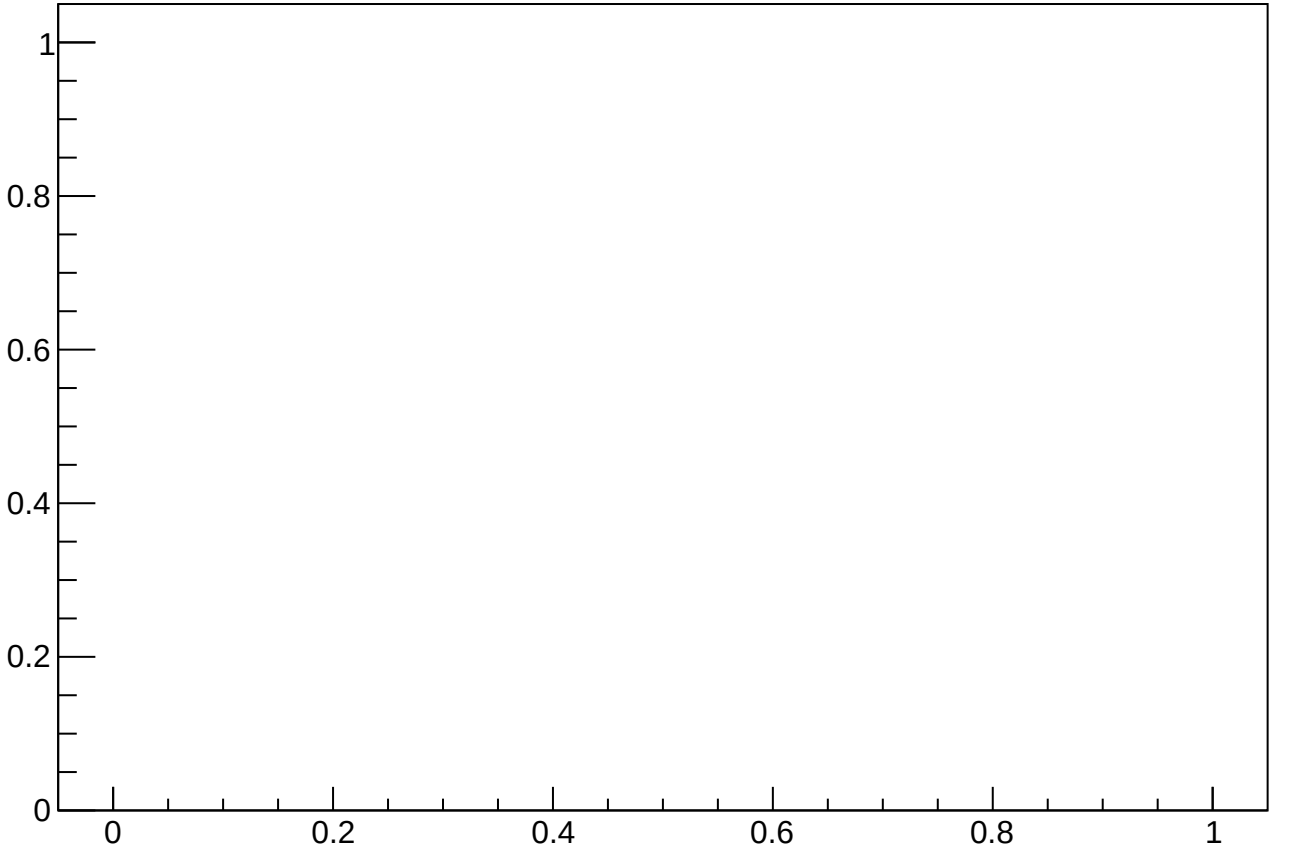
dit_sam7_coil5_err_mean vs Slug, Sign Corrected



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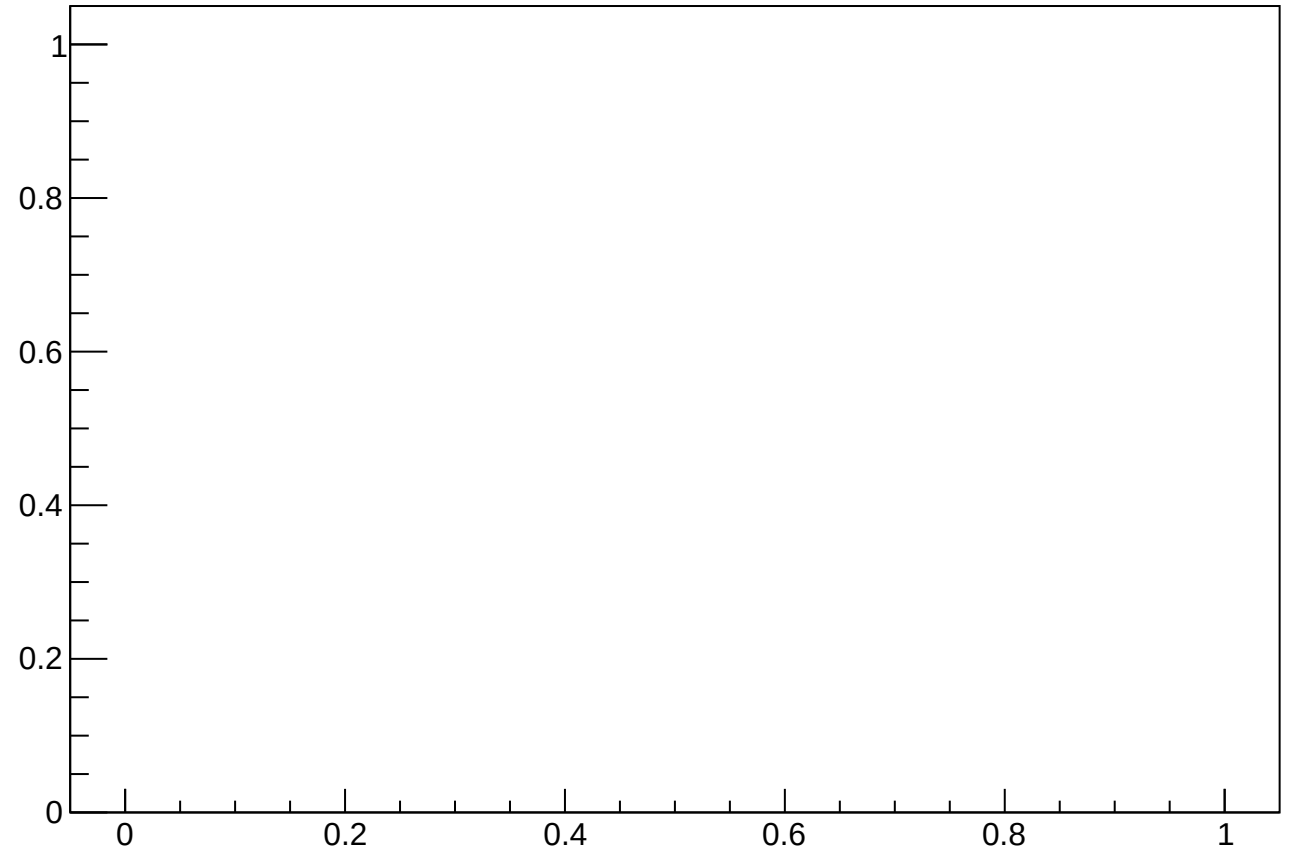

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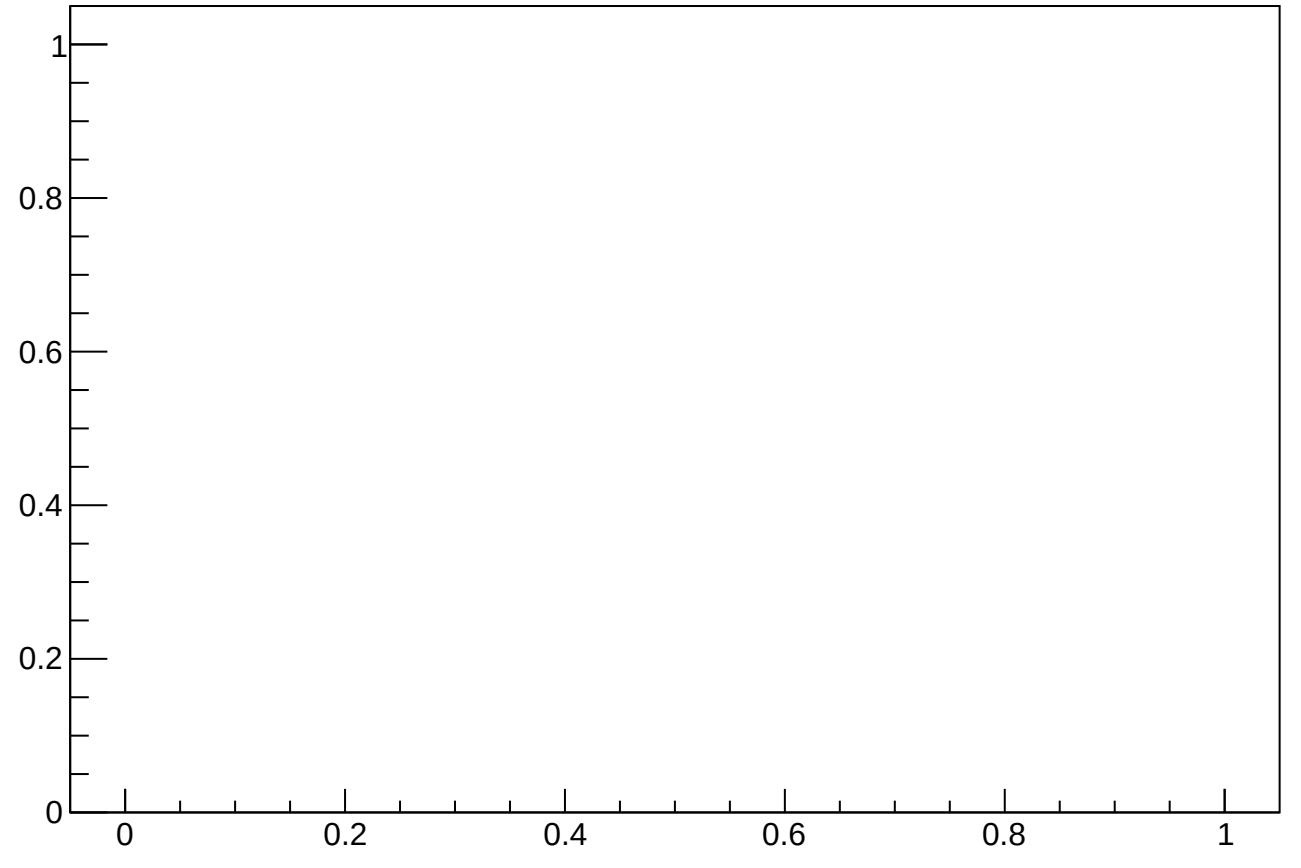

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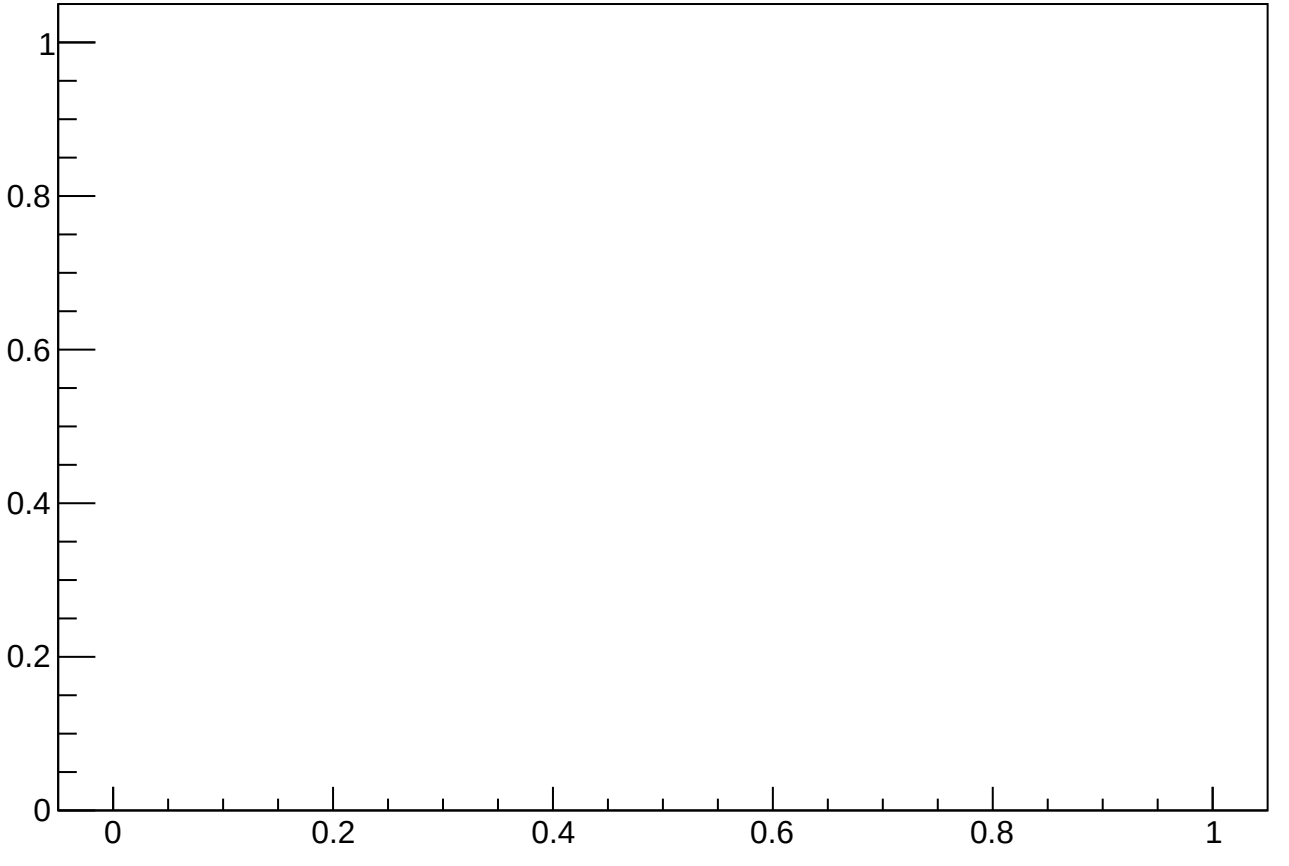
dit_sam8_coil5_err_mean vs Slug, Sign Corrected



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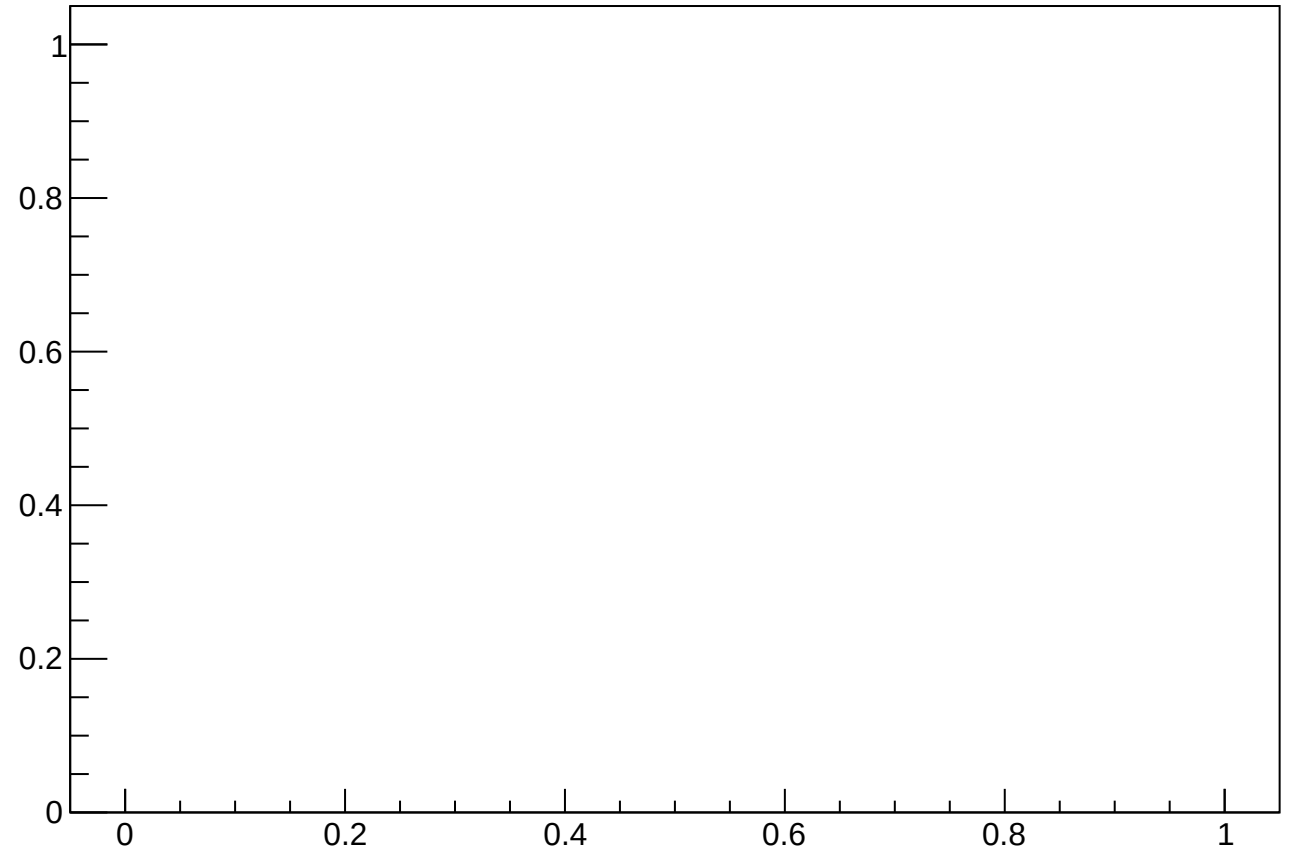

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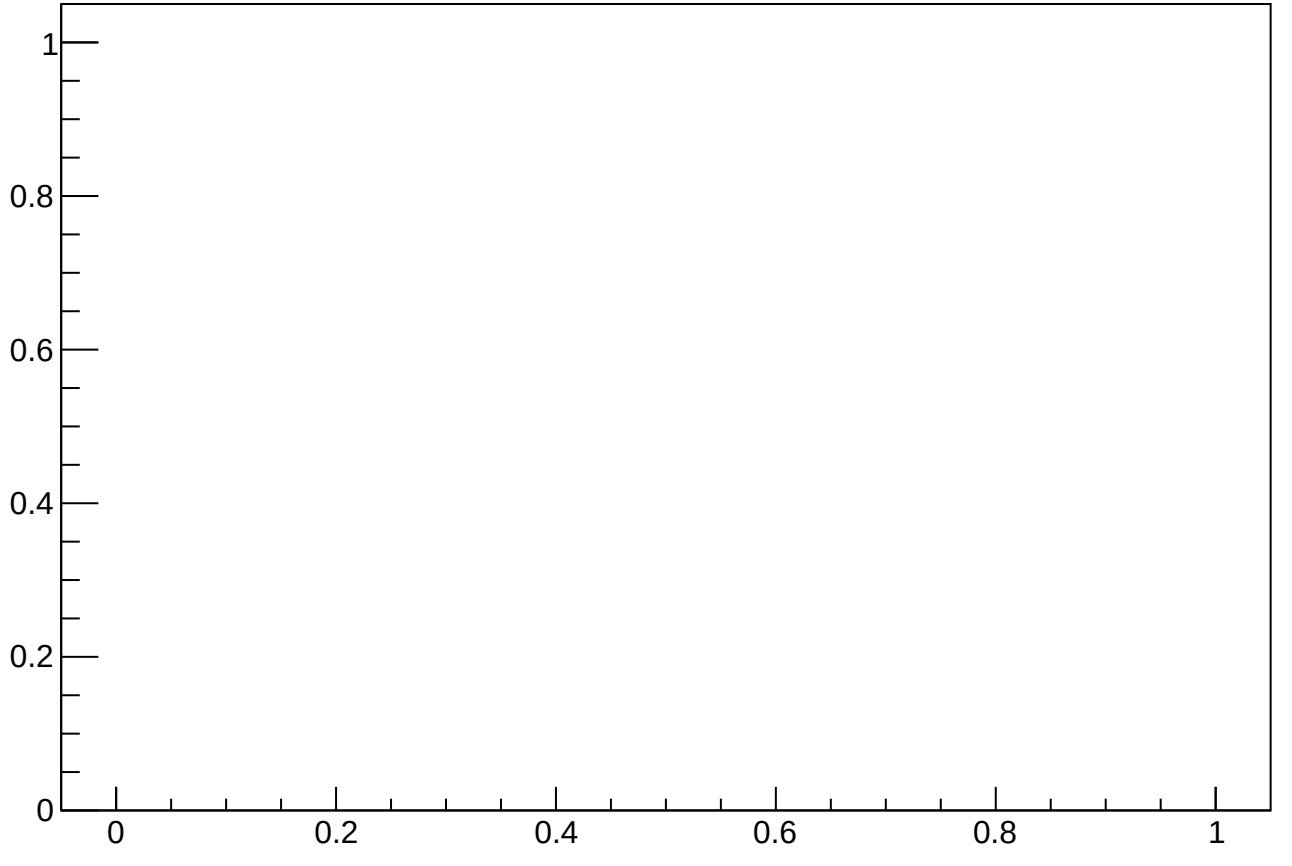
dit_4aX_coil7_mean vs Slug, Sign Corrected



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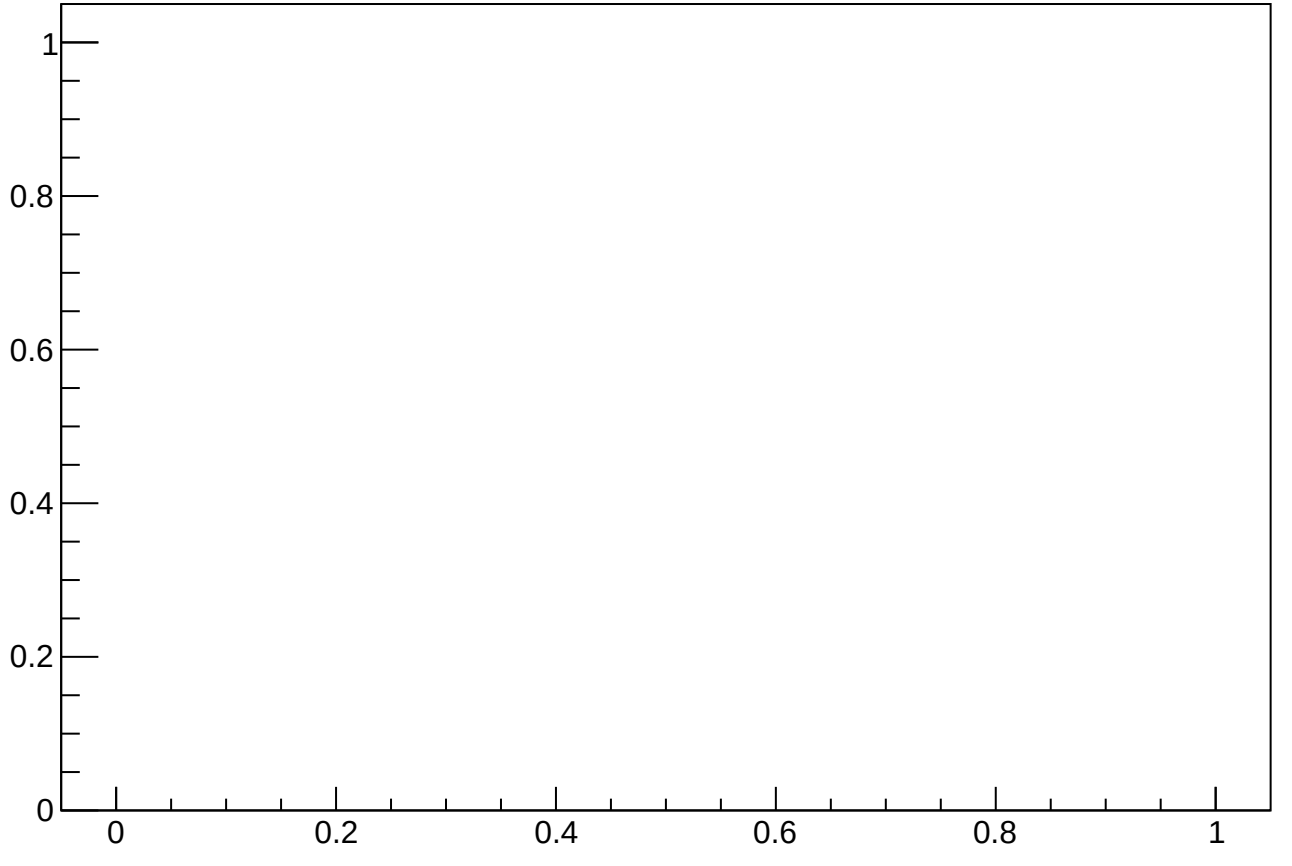
dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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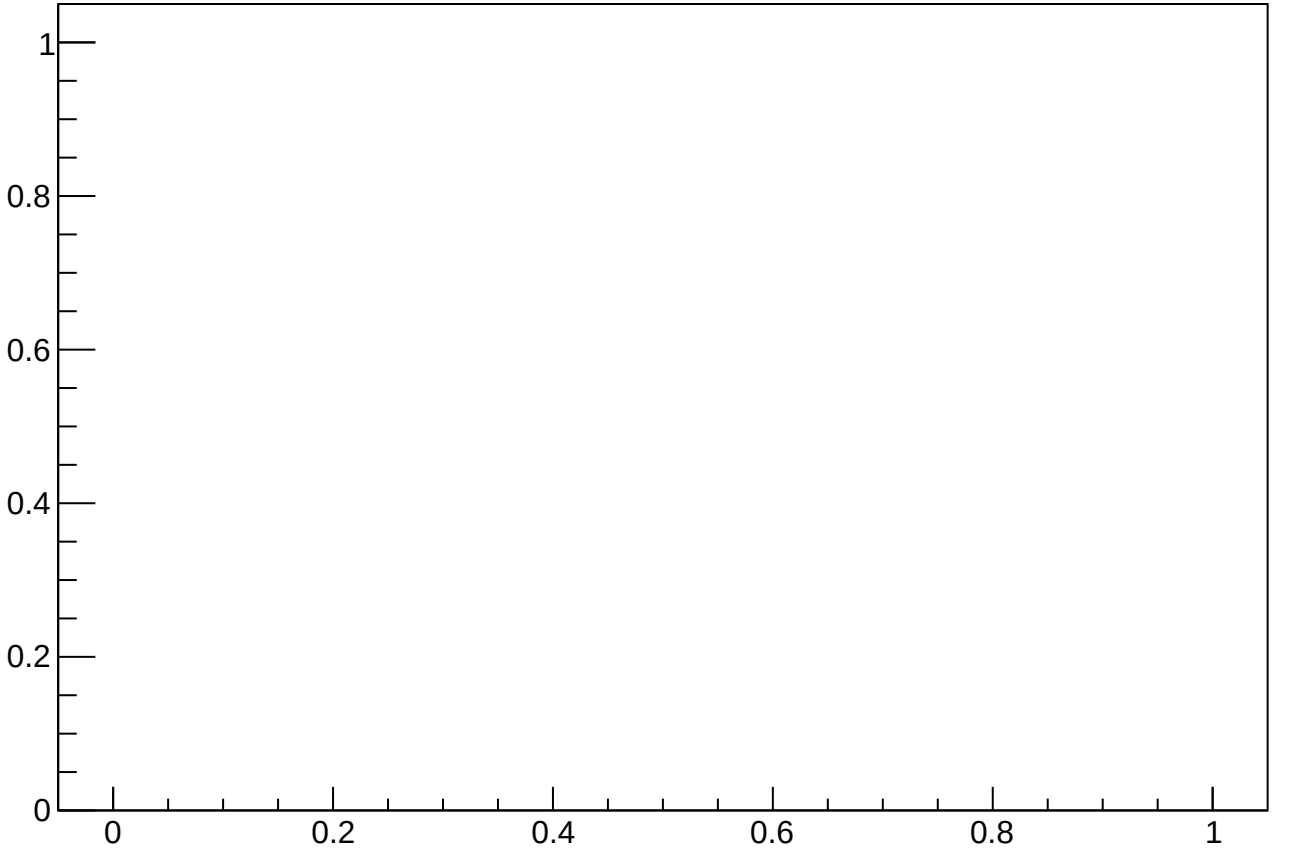
dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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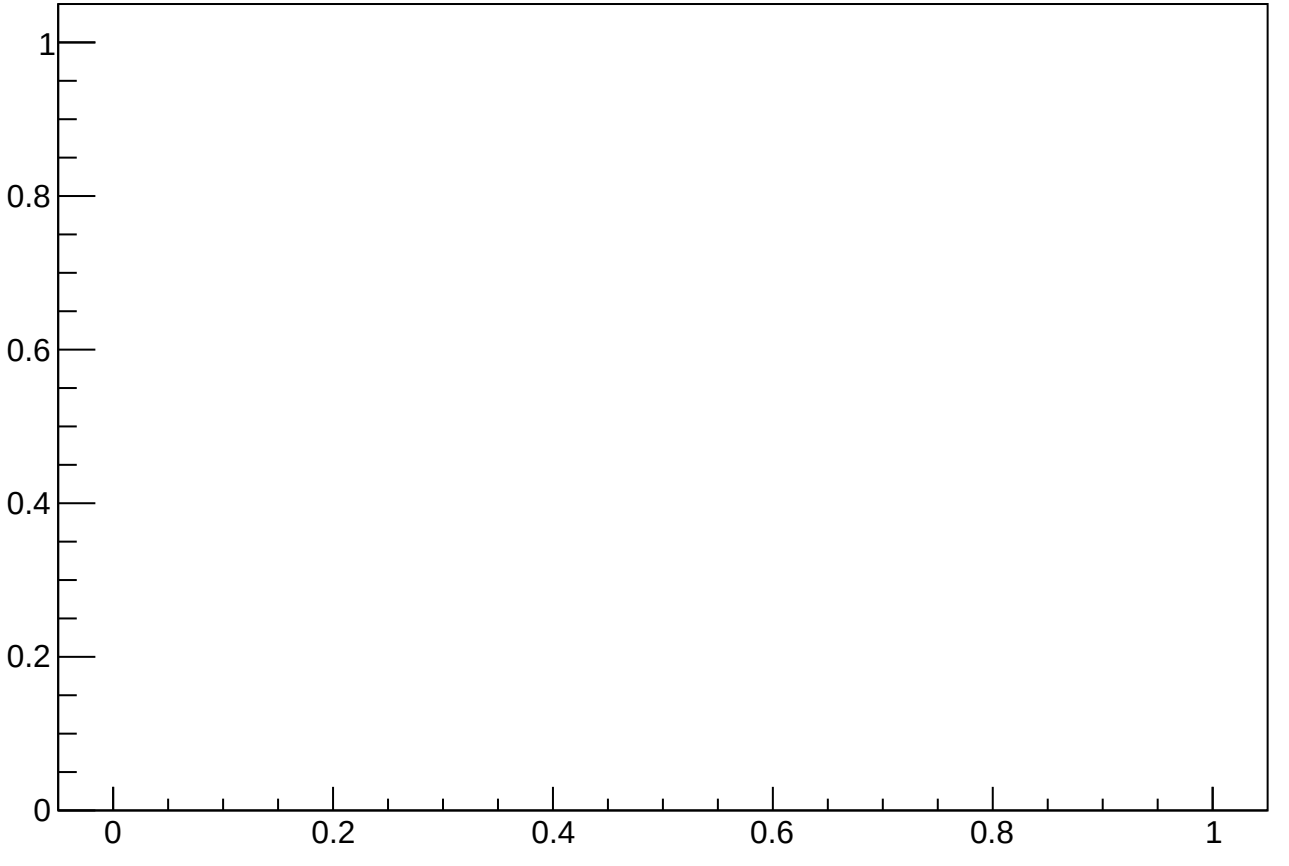
dit_4eX_coil7_mean vs Slug, Sign Corrected



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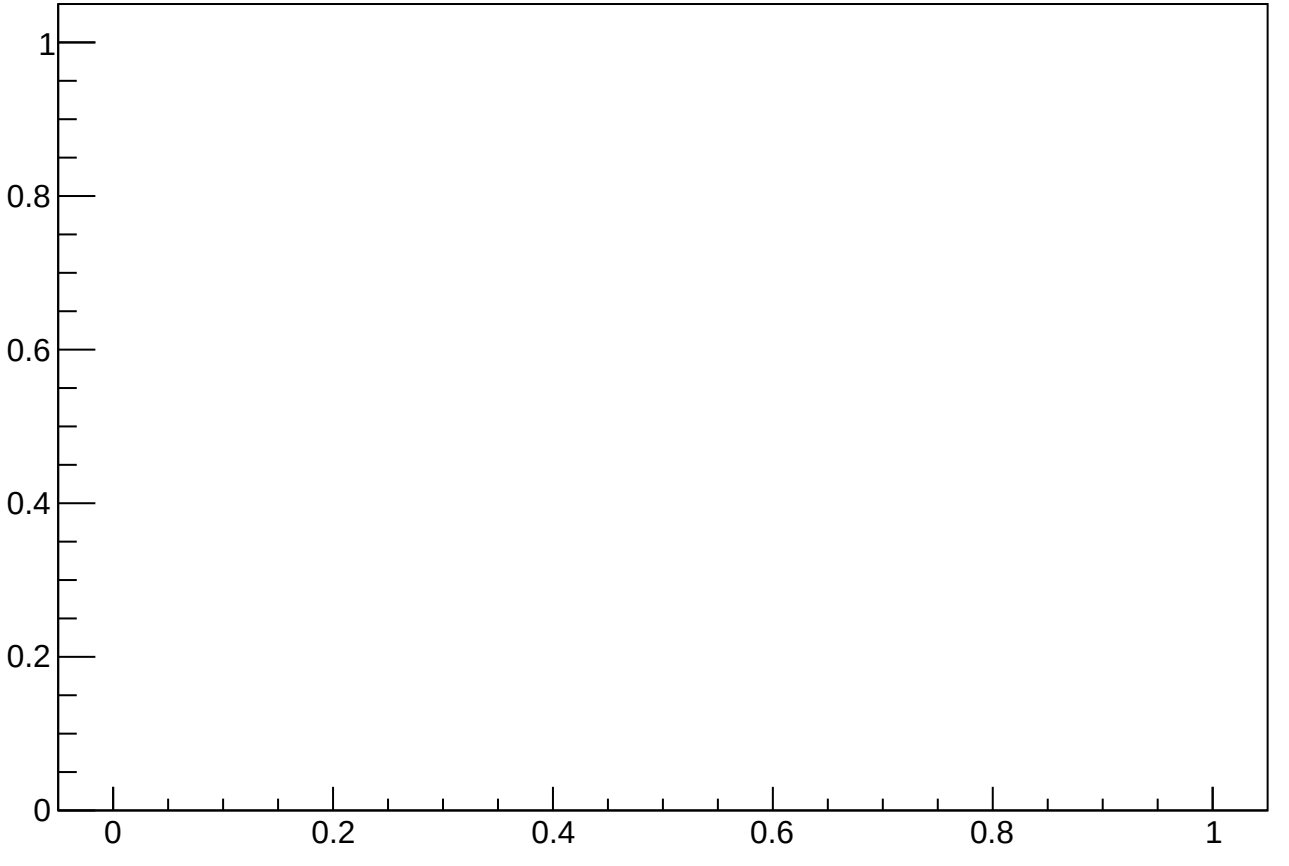
dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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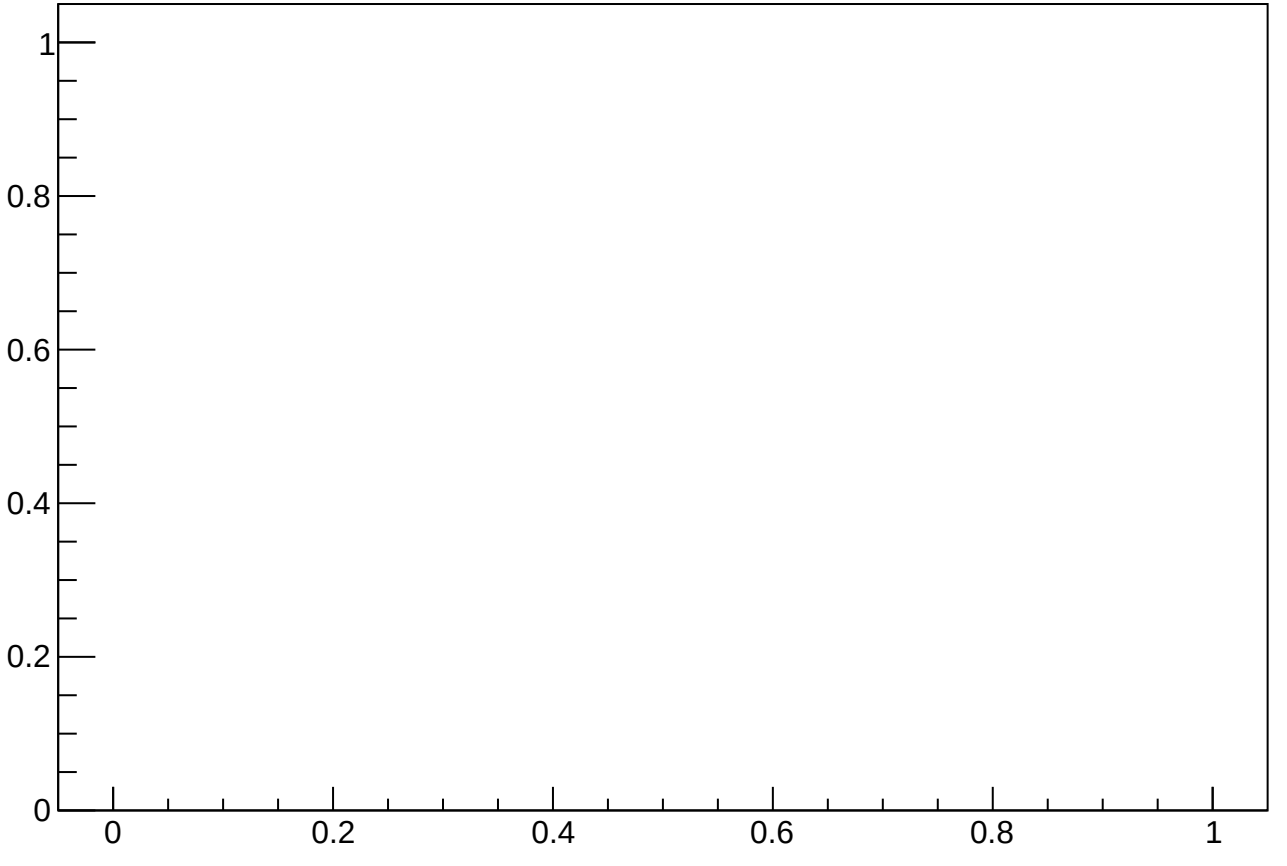
dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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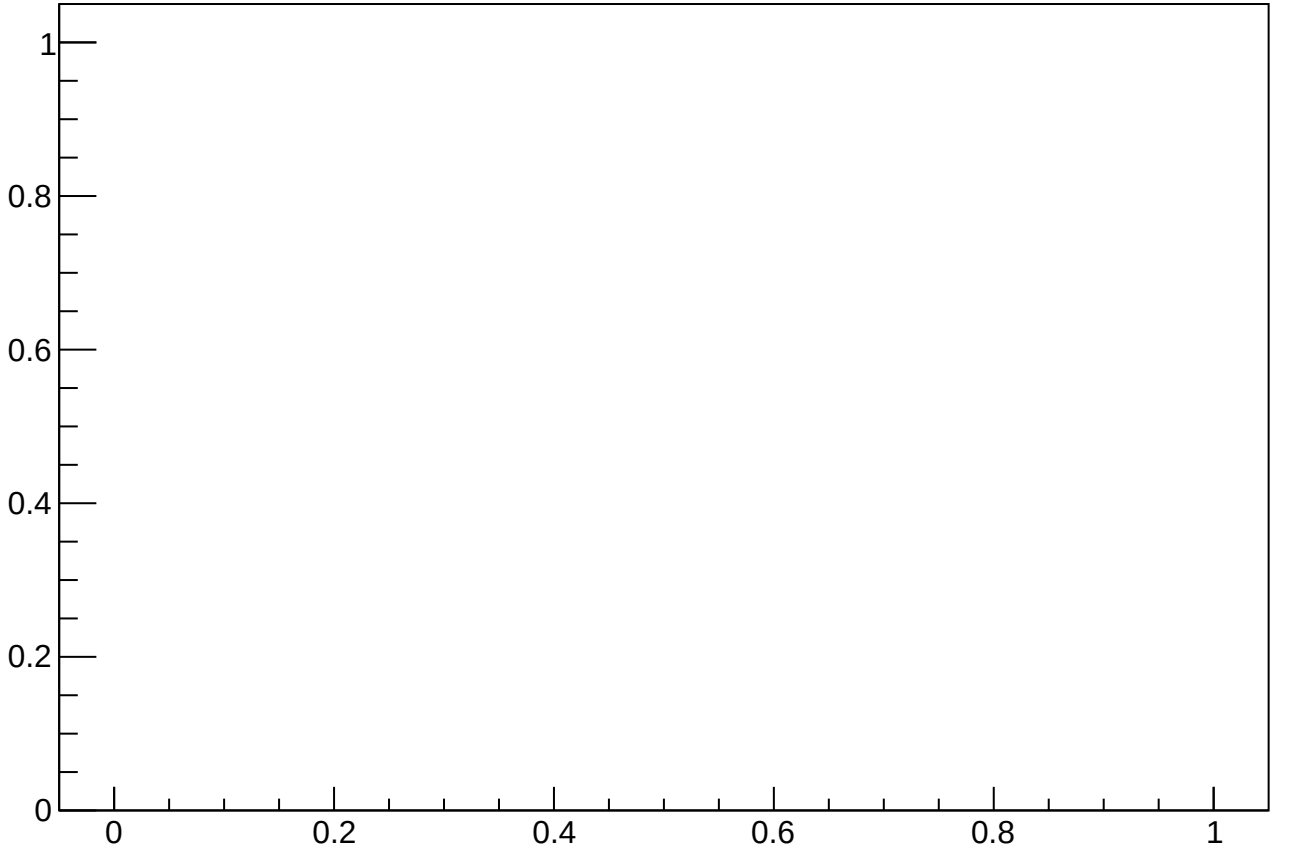
dit_11X12X_coil7_mean vs Slug, Sign Corrected



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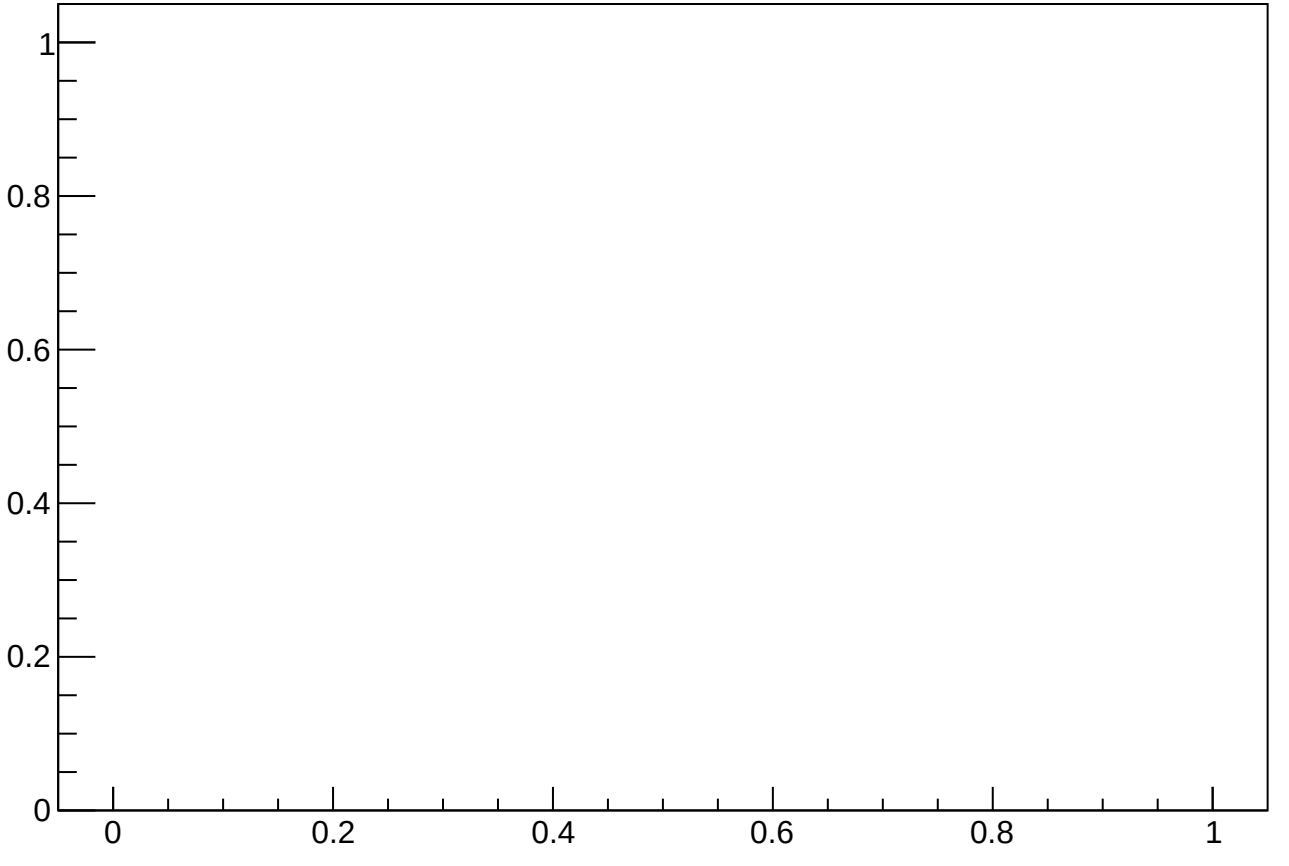
dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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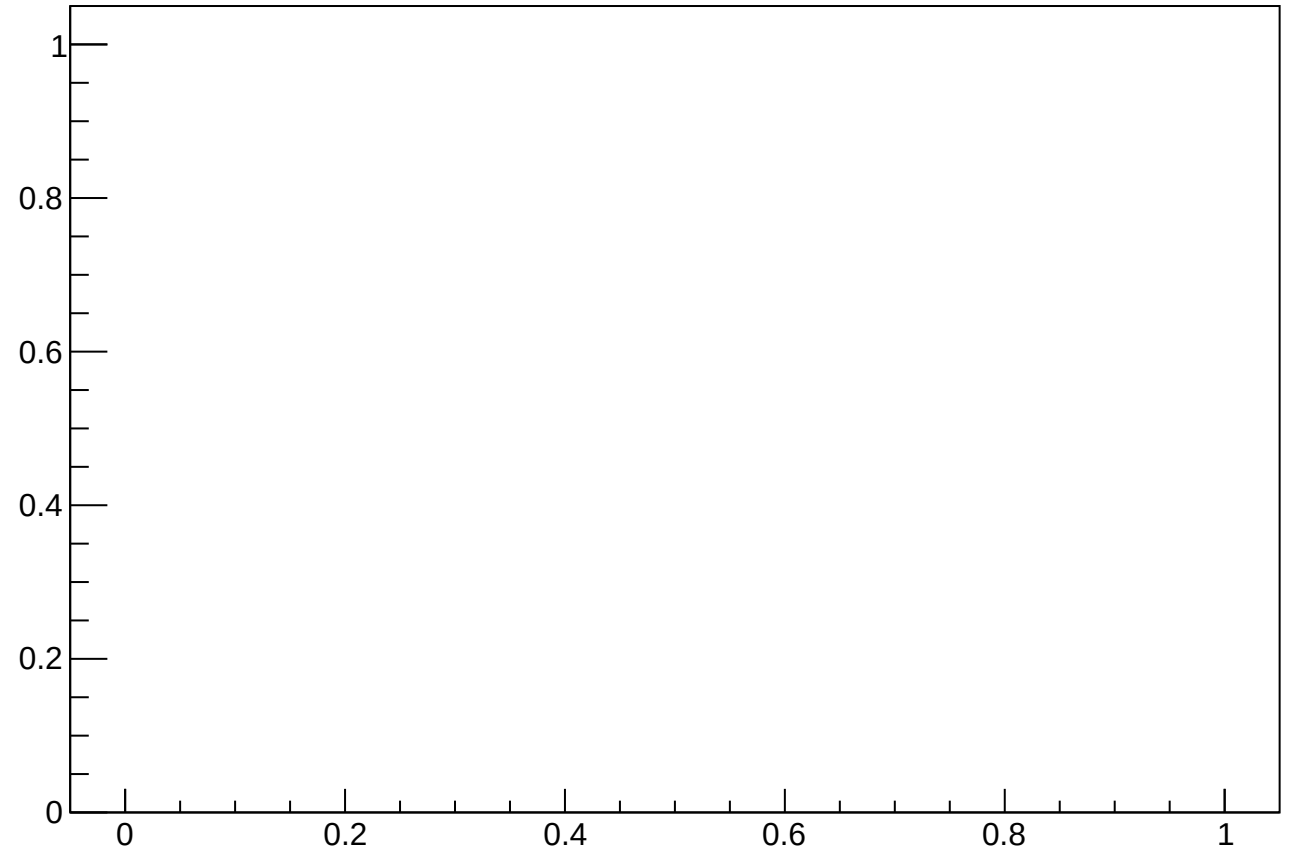

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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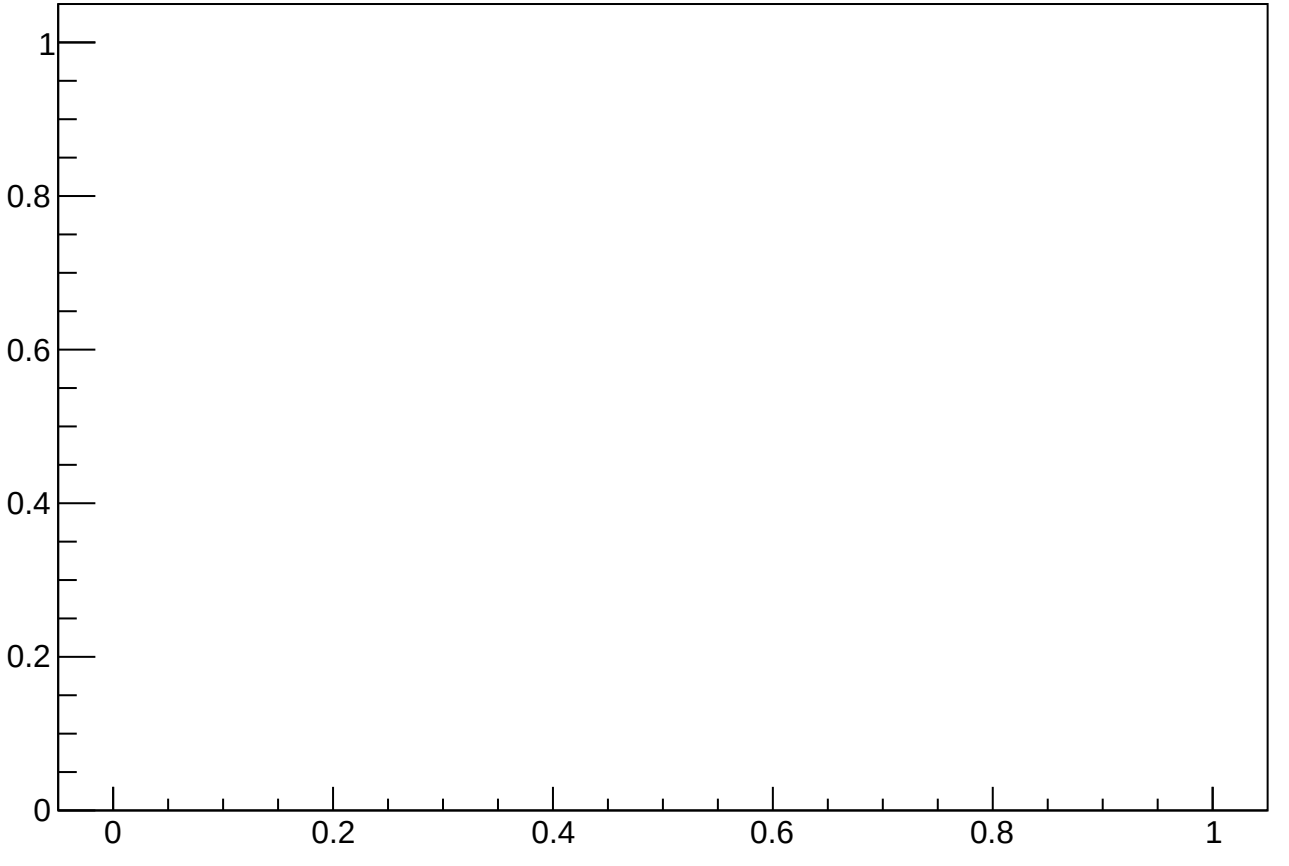
dit_4aY_coil7_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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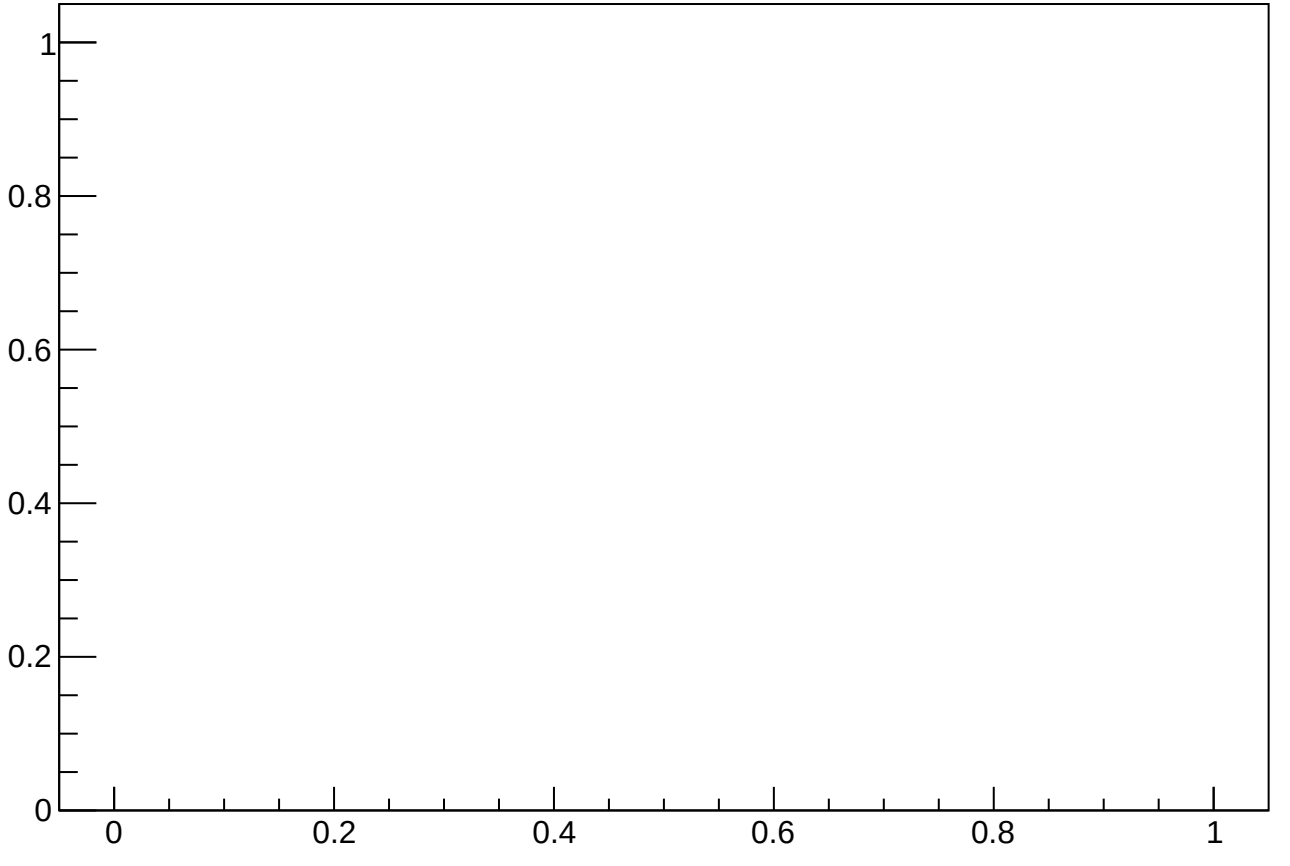
dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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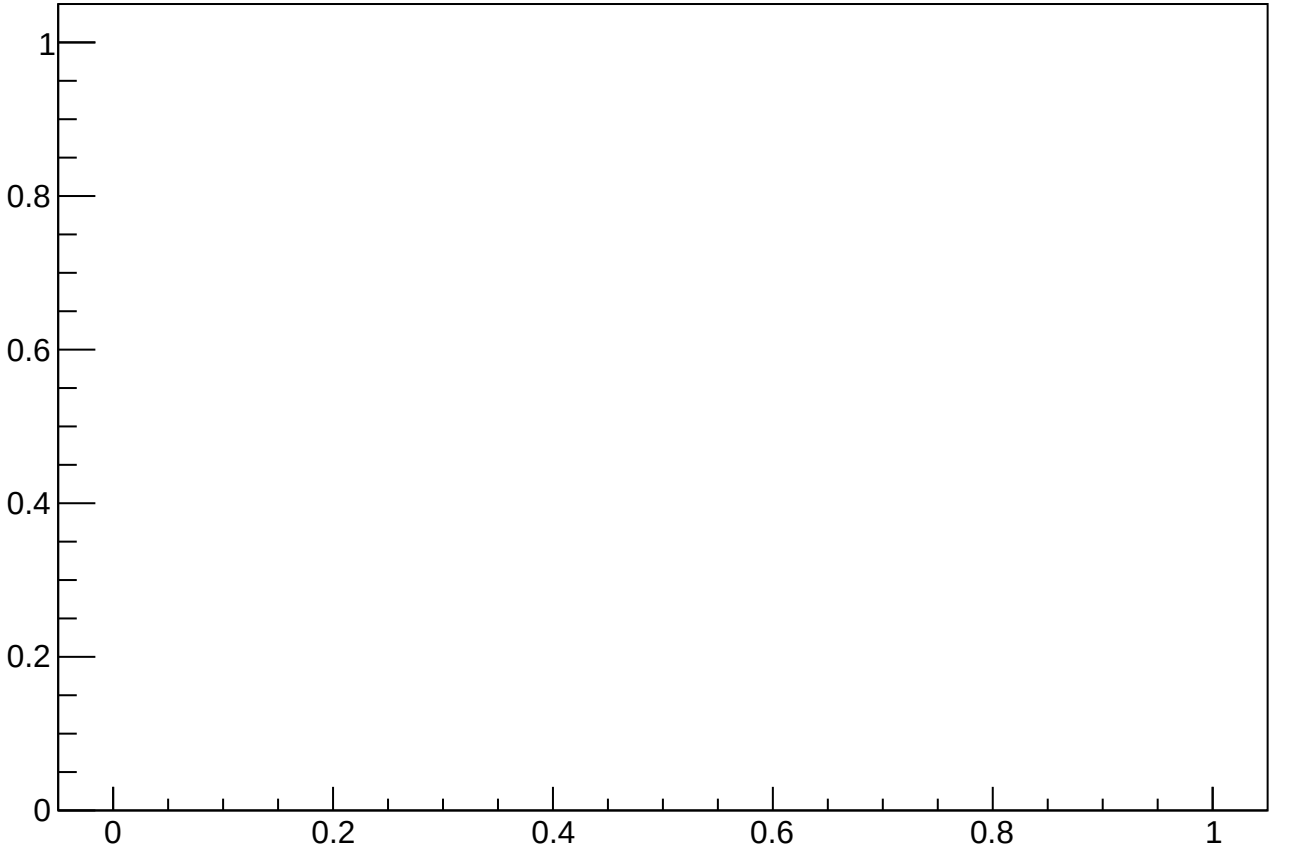
dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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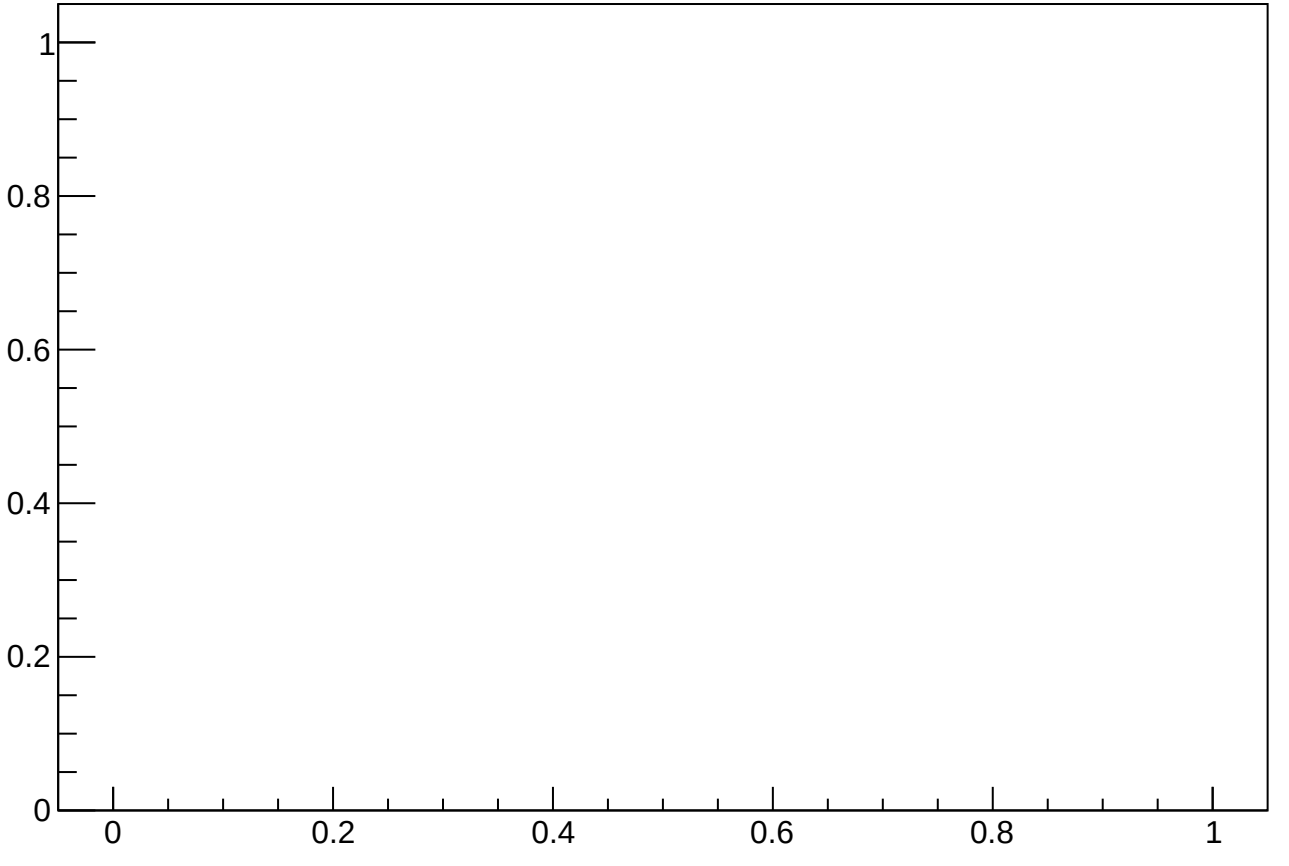
dit_4eY_coil7_mean vs Slug, Sign Corrected



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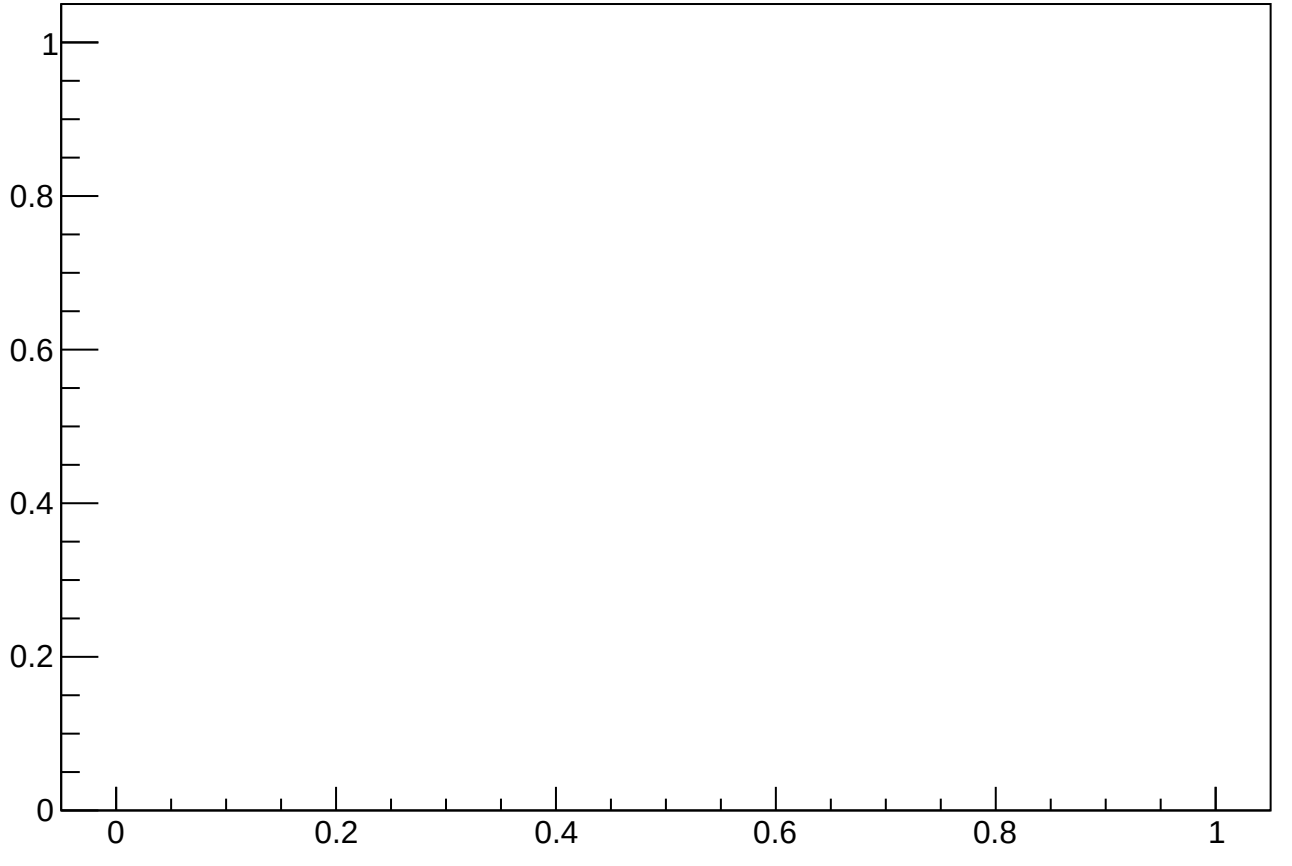
dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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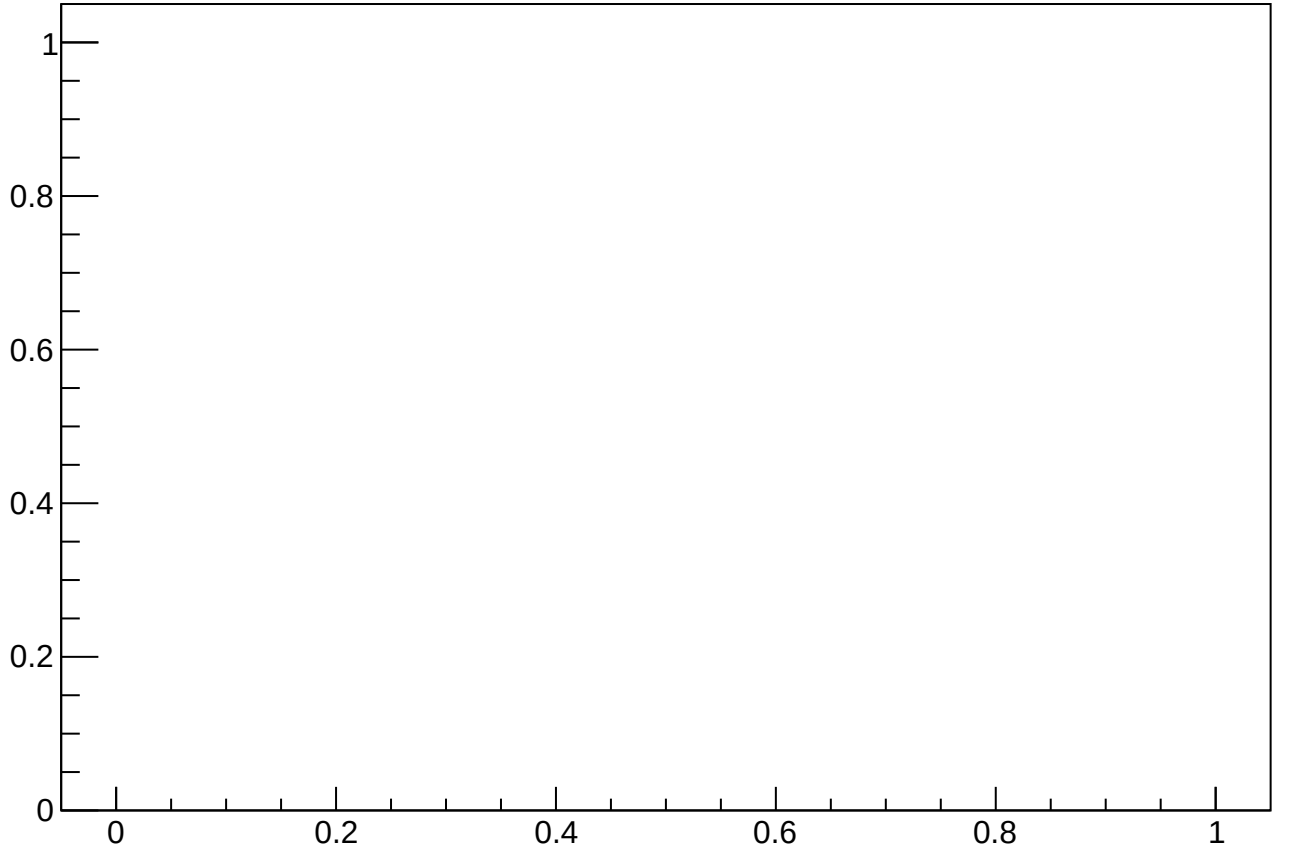
dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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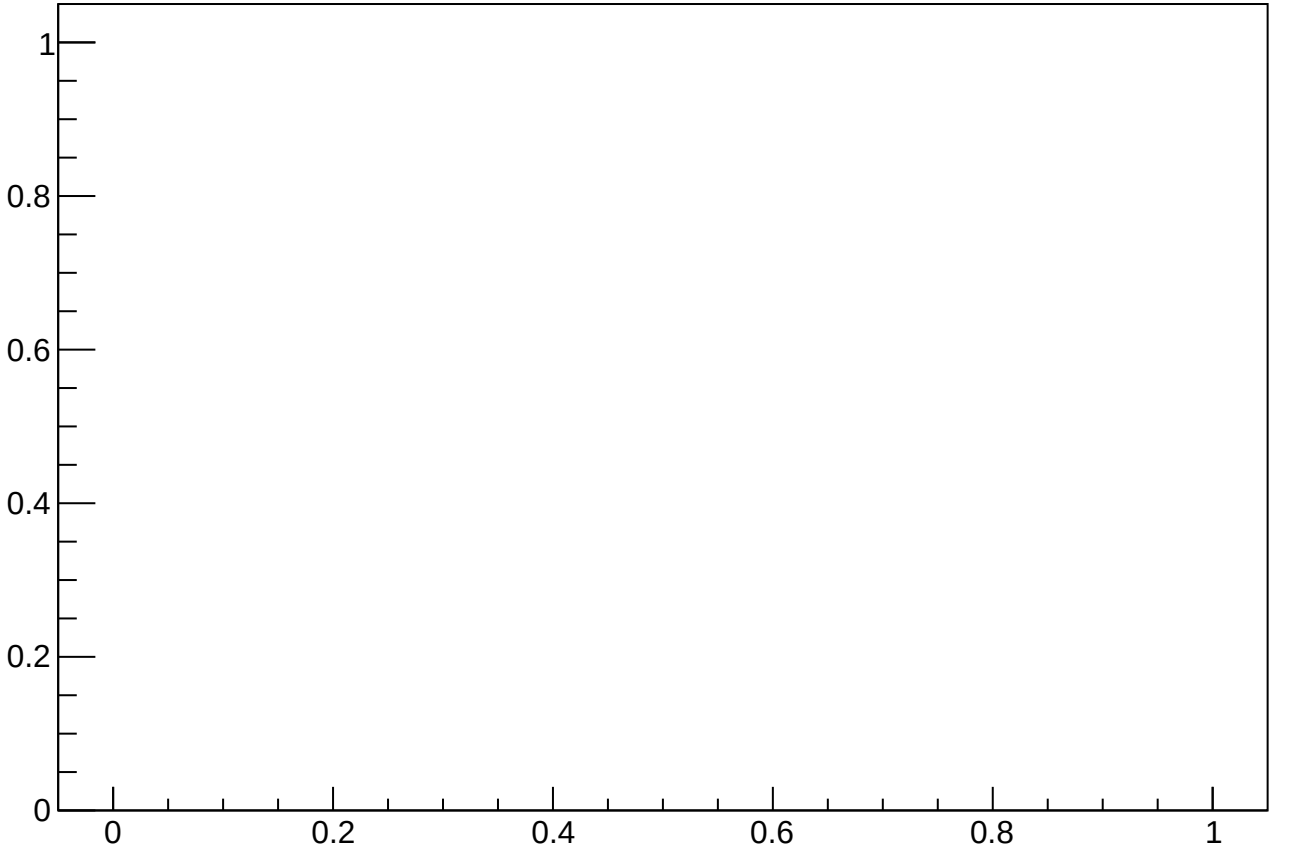
dit_usl_coil7_mean vs Slug, Sign Corrected



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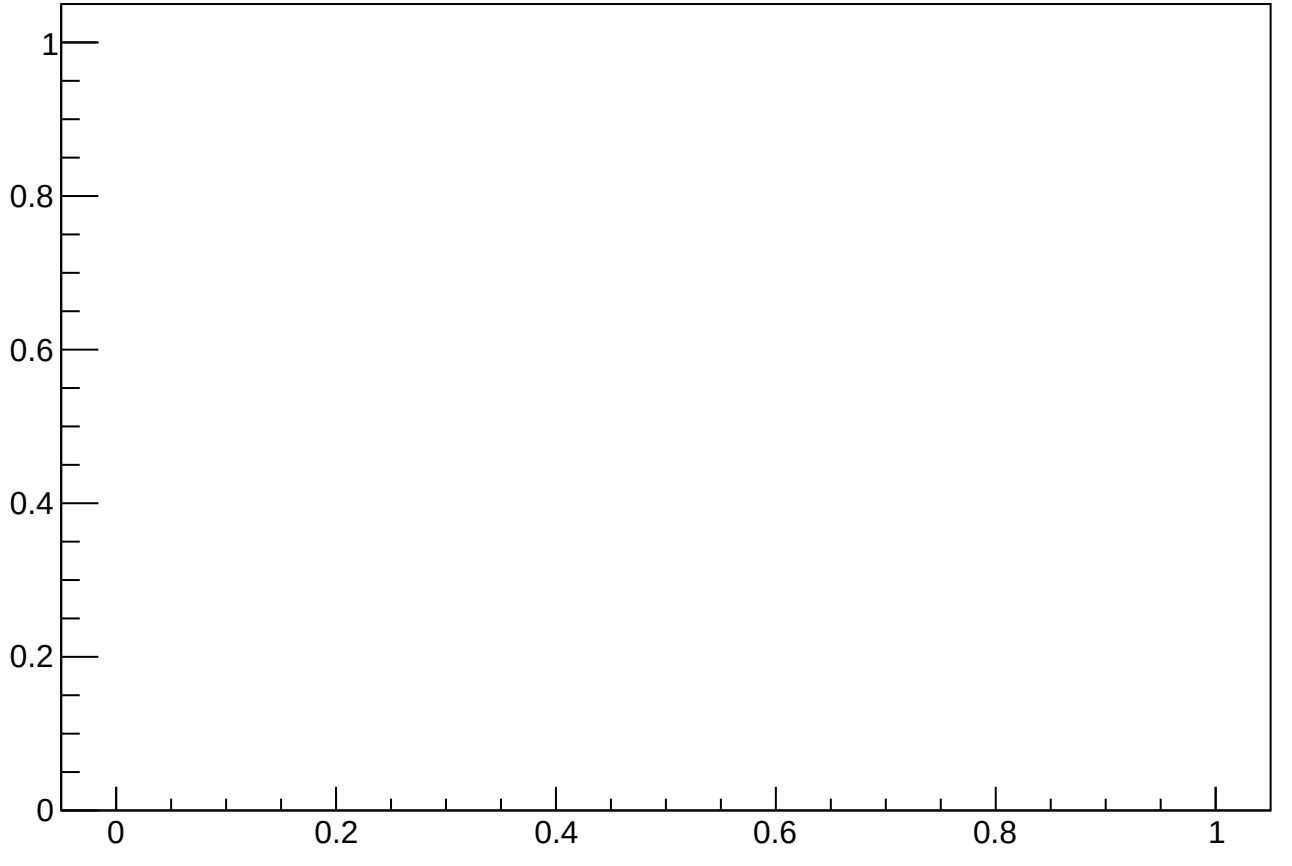
dit_usl_coil7_err_mean vs Slug, Sign Corrected



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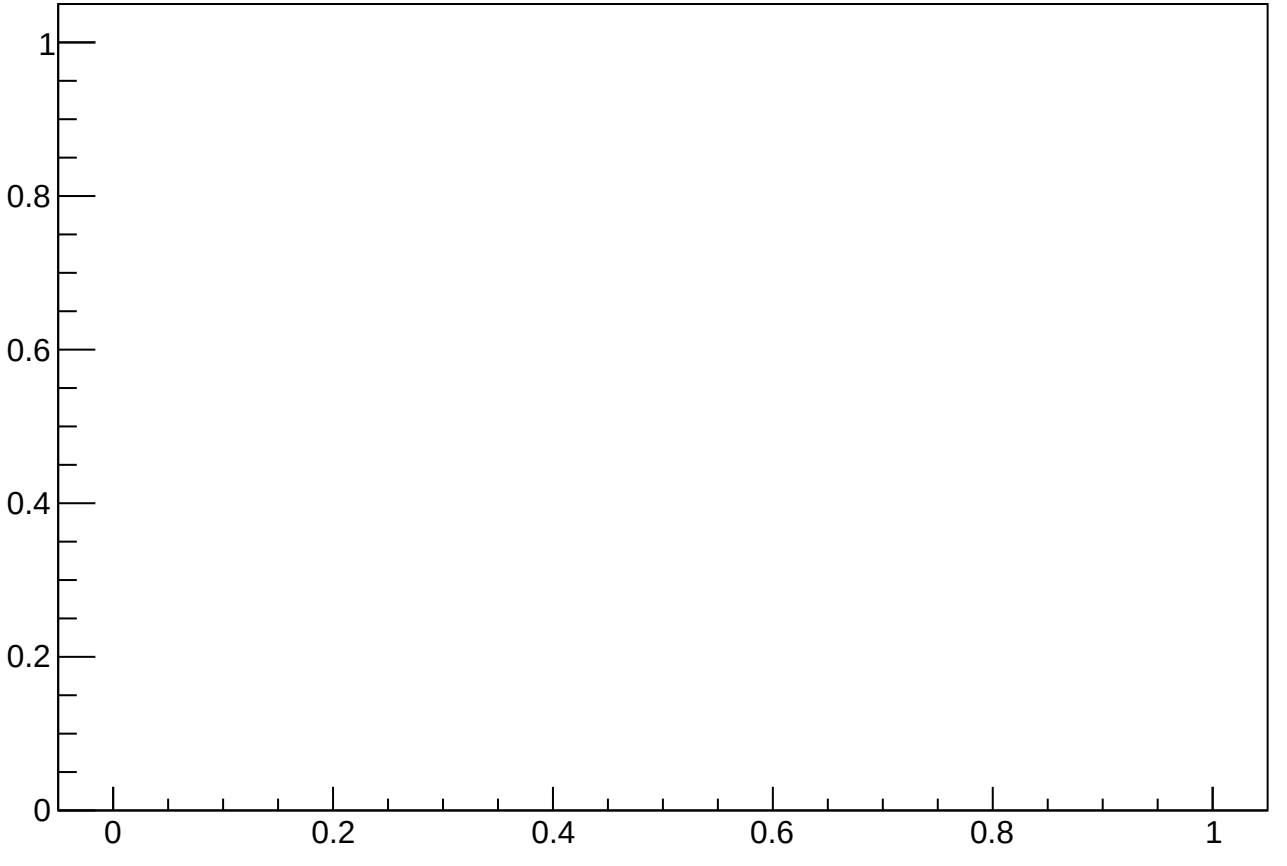
dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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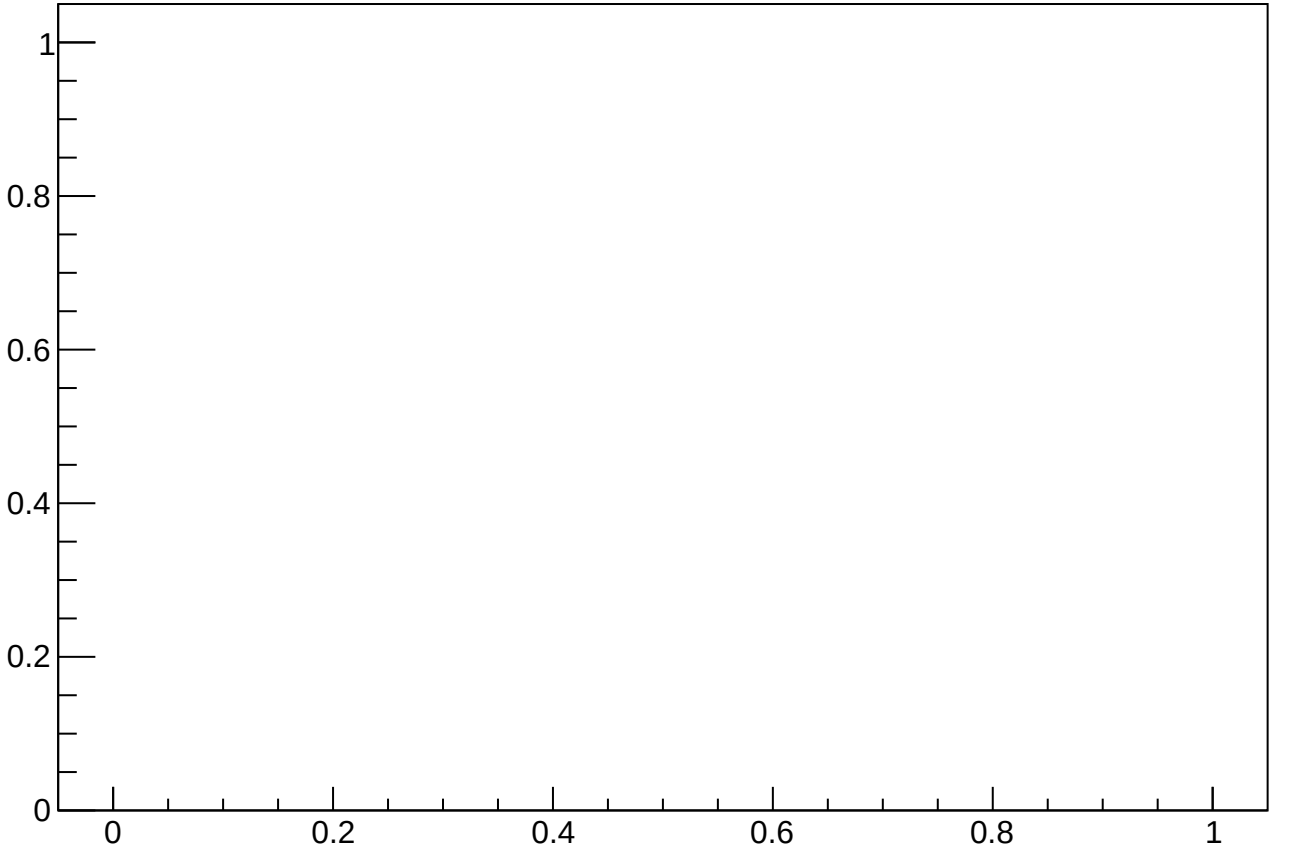
dit_usr_coil7_mean vs Slug, Sign Corrected



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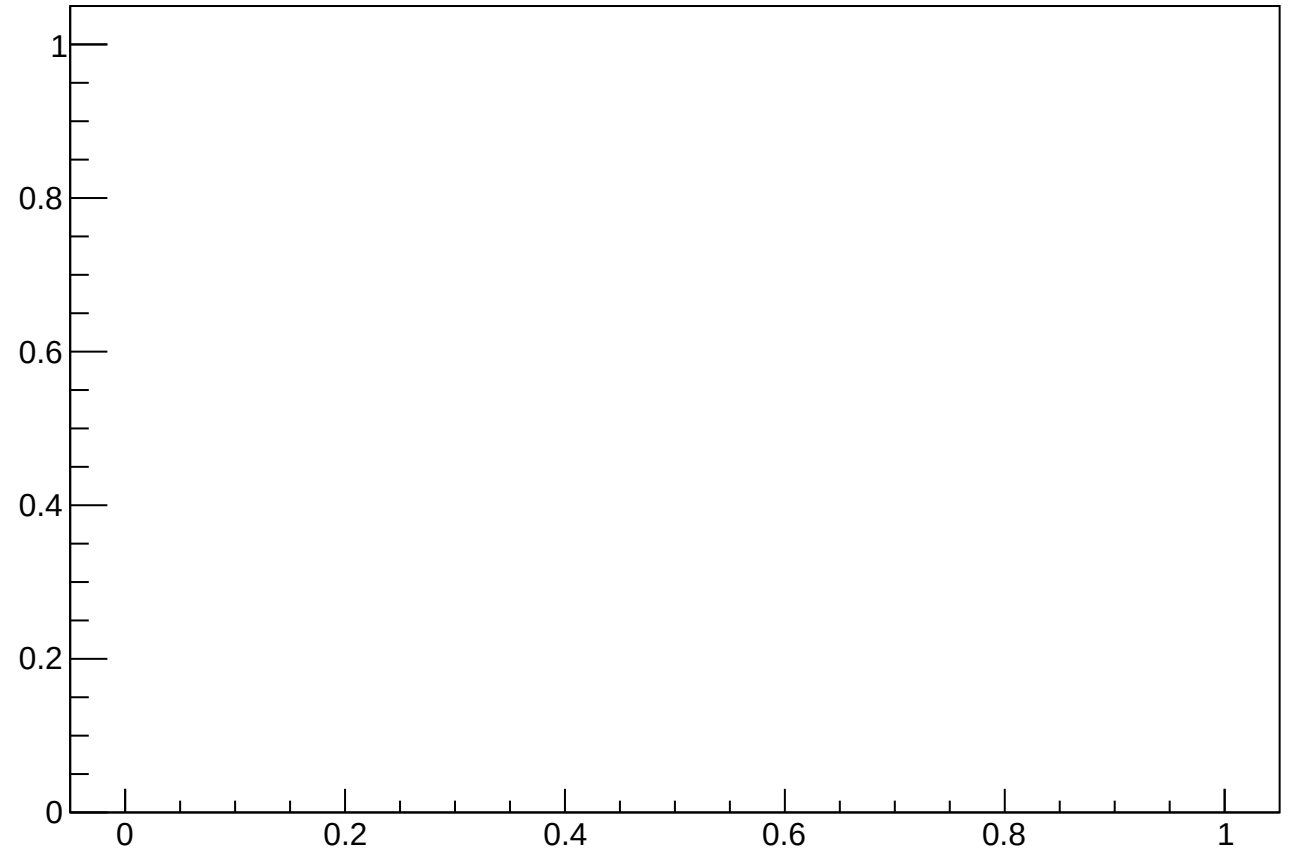

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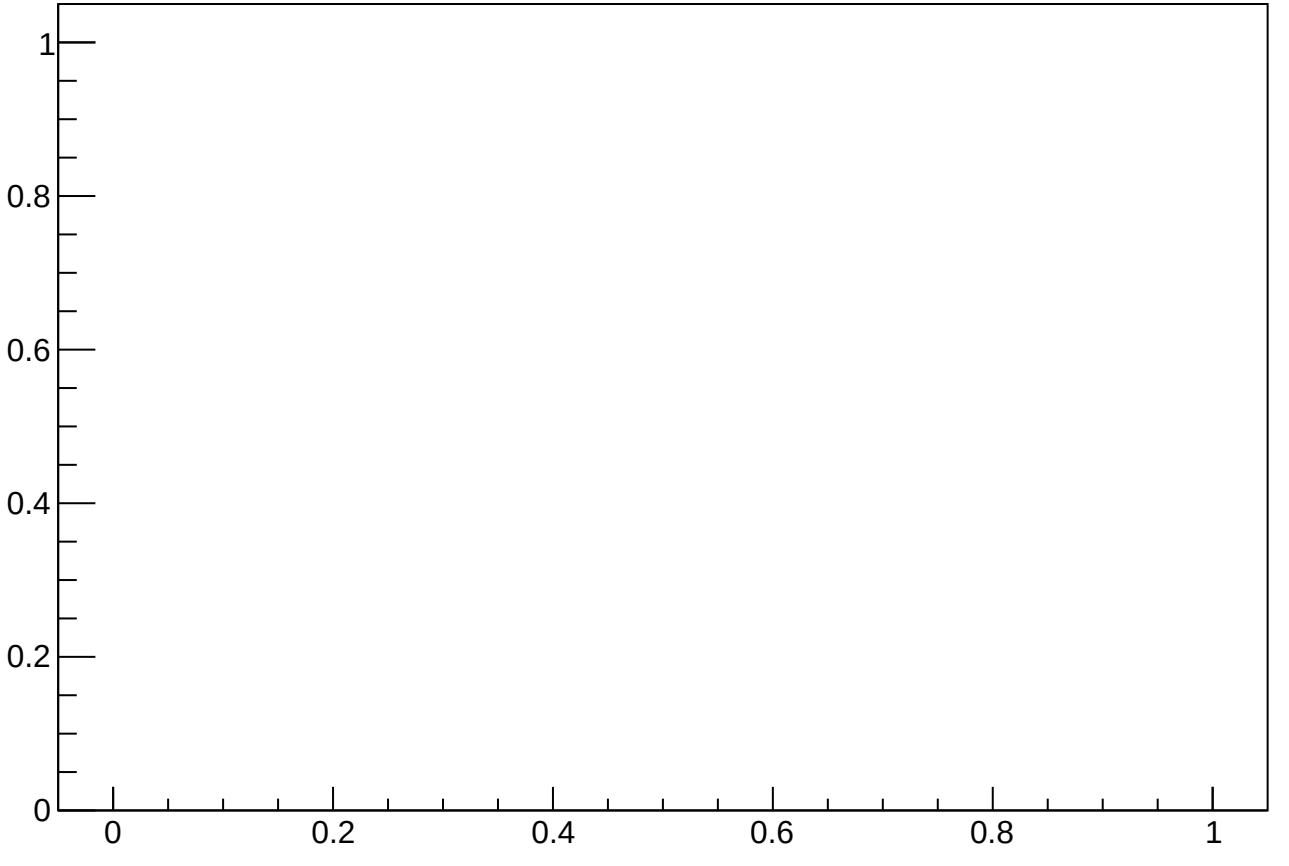
dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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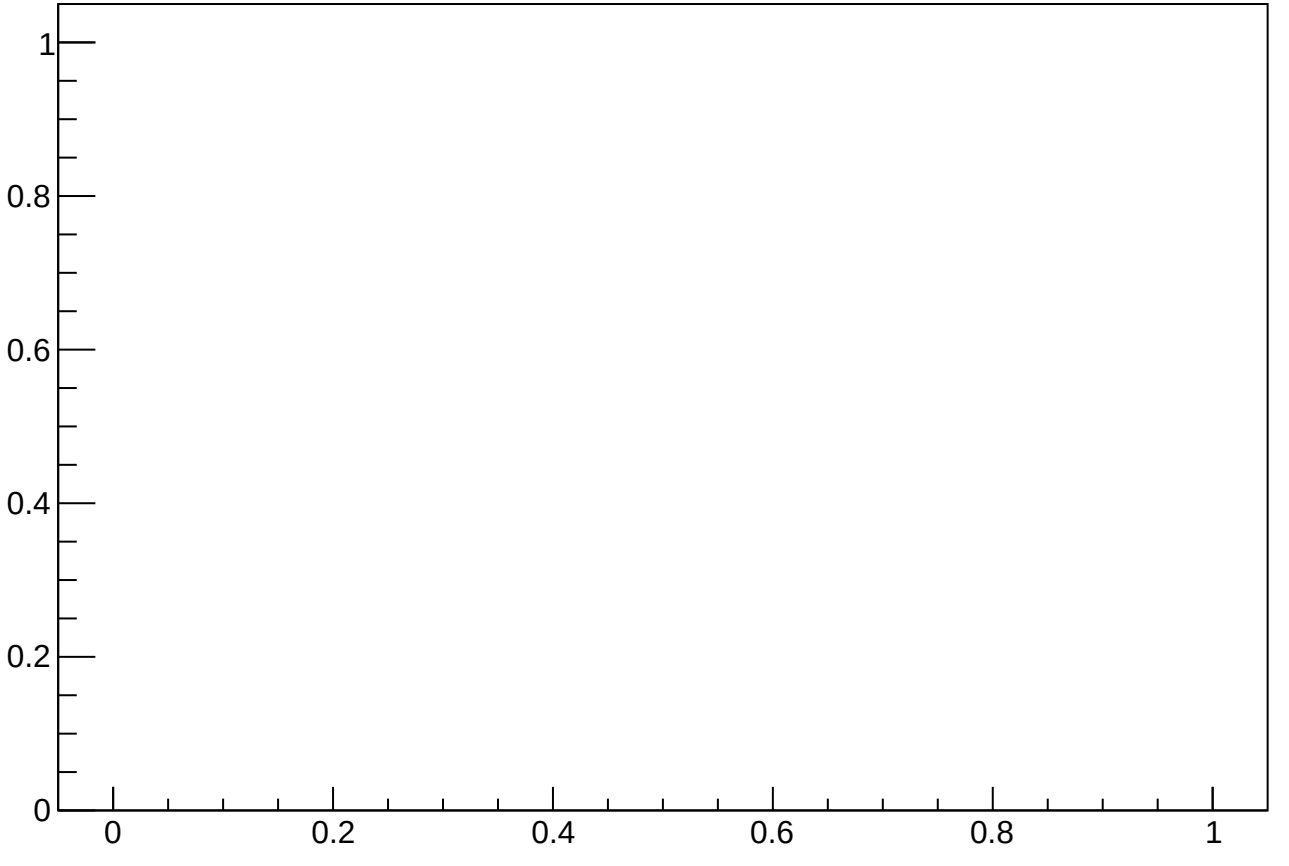
dit_atl1_coil7_mean vs Slug, Sign Corrected



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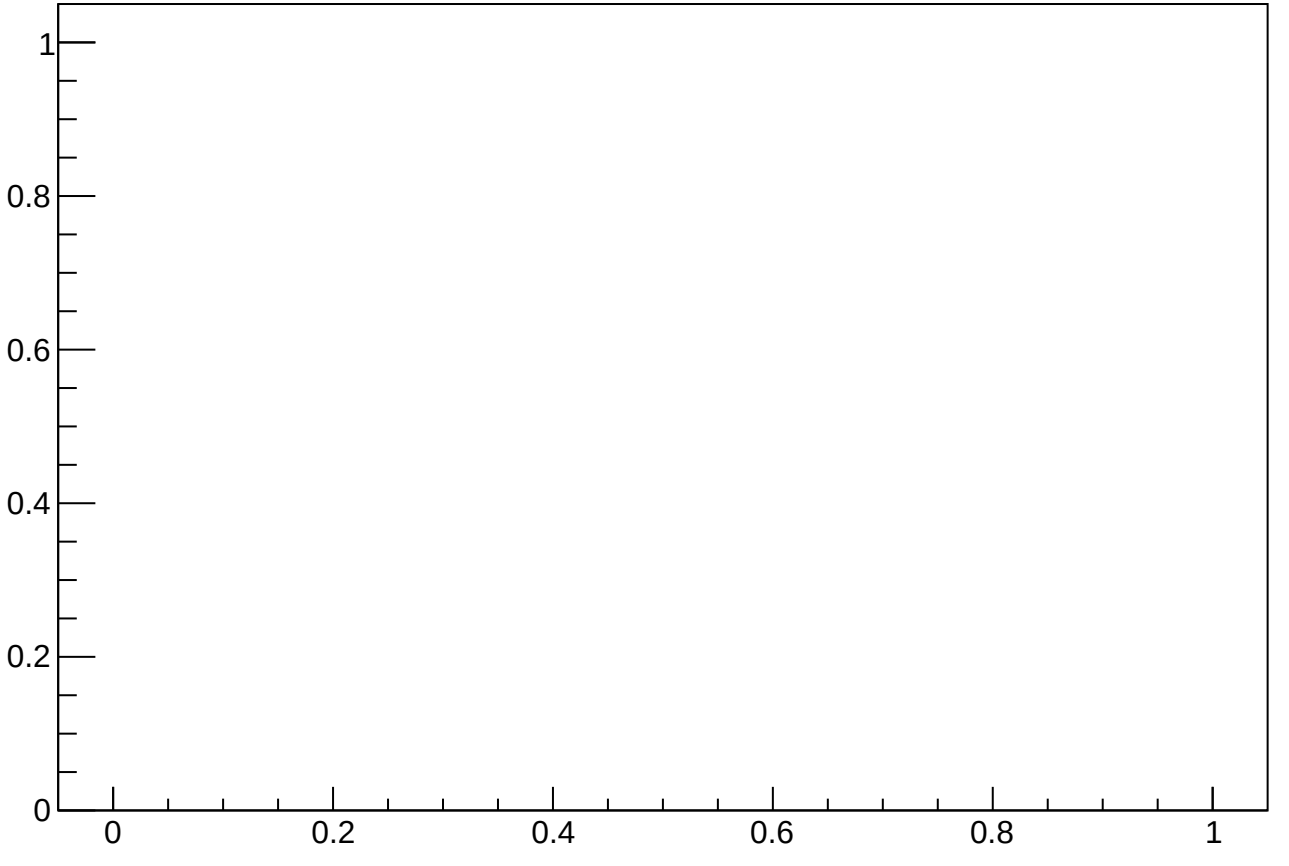
dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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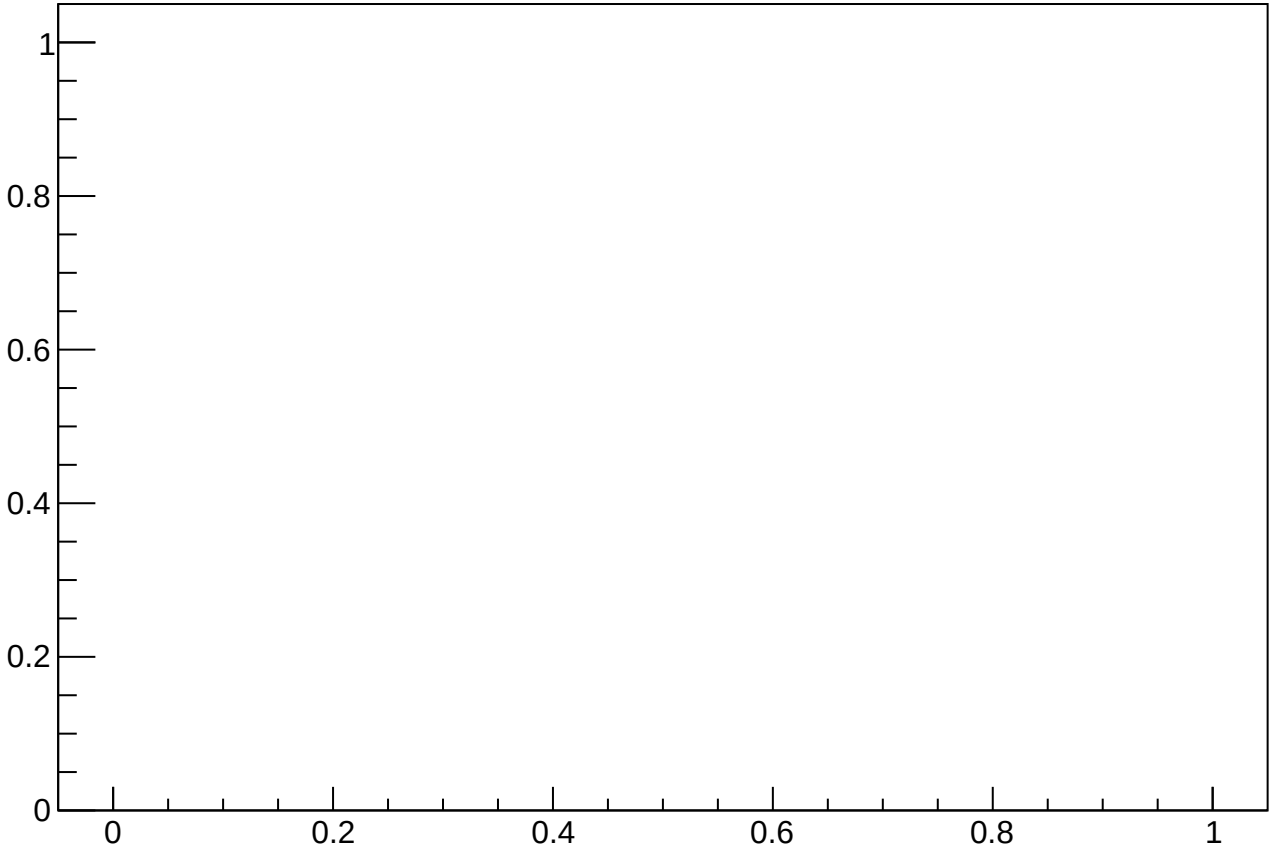
dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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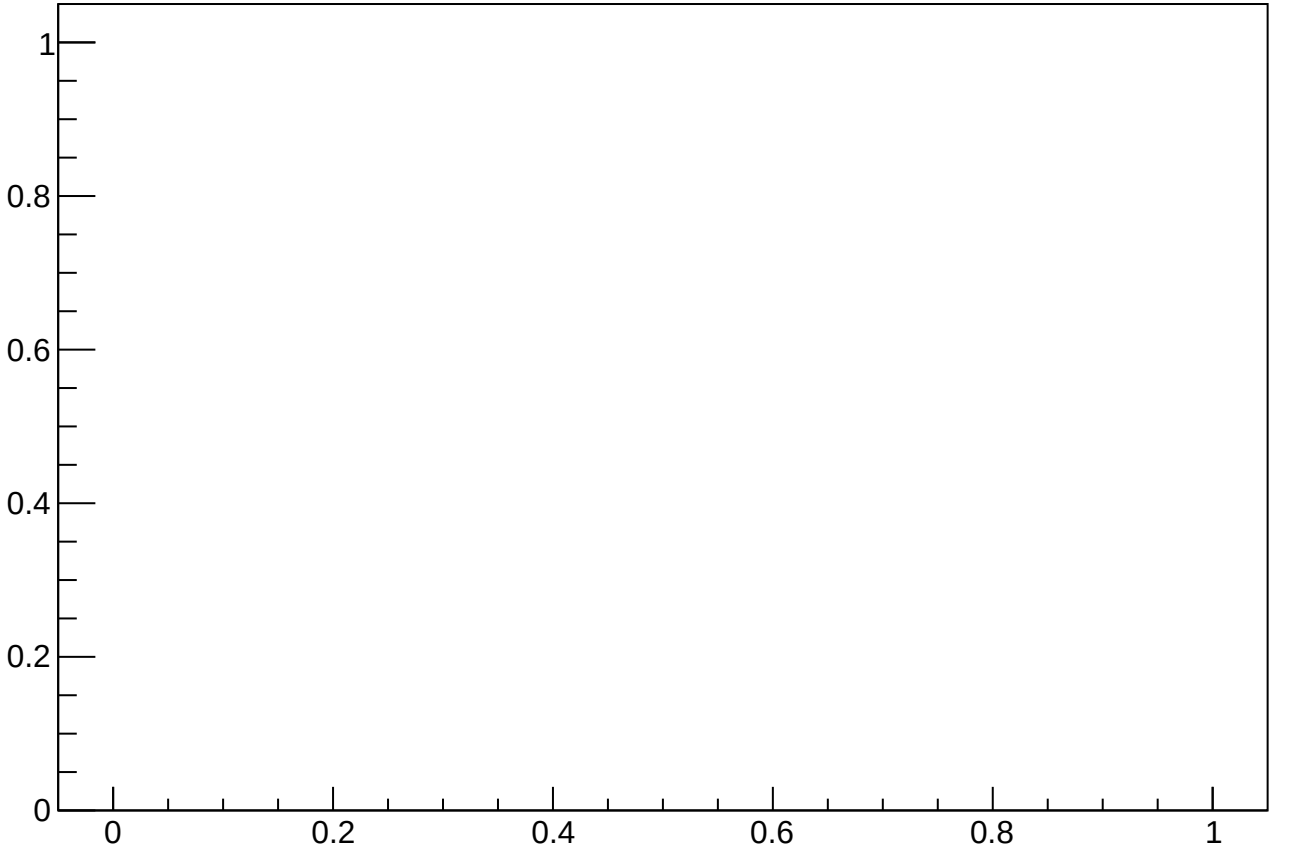
dit_atl2_coil7_mean vs Slug, Sign Corrected



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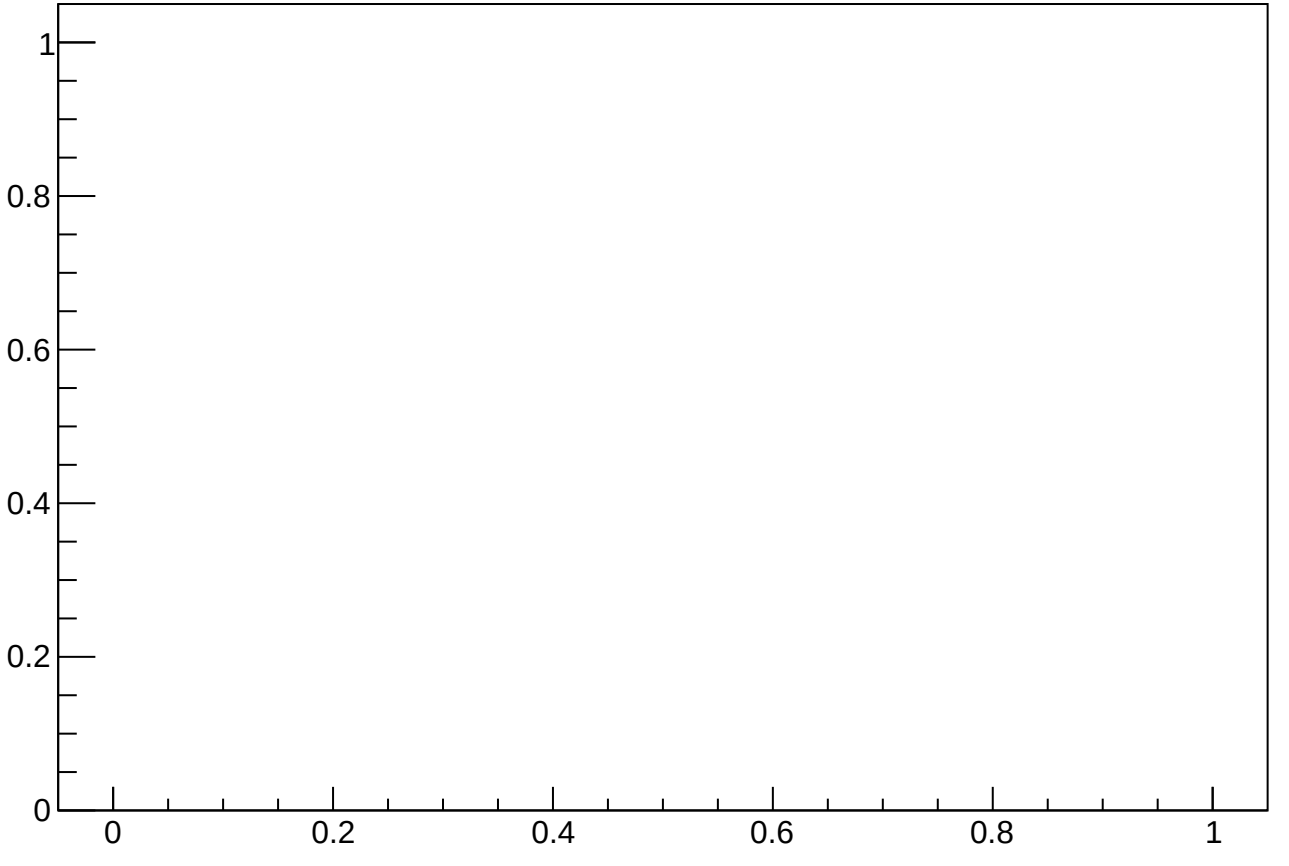
dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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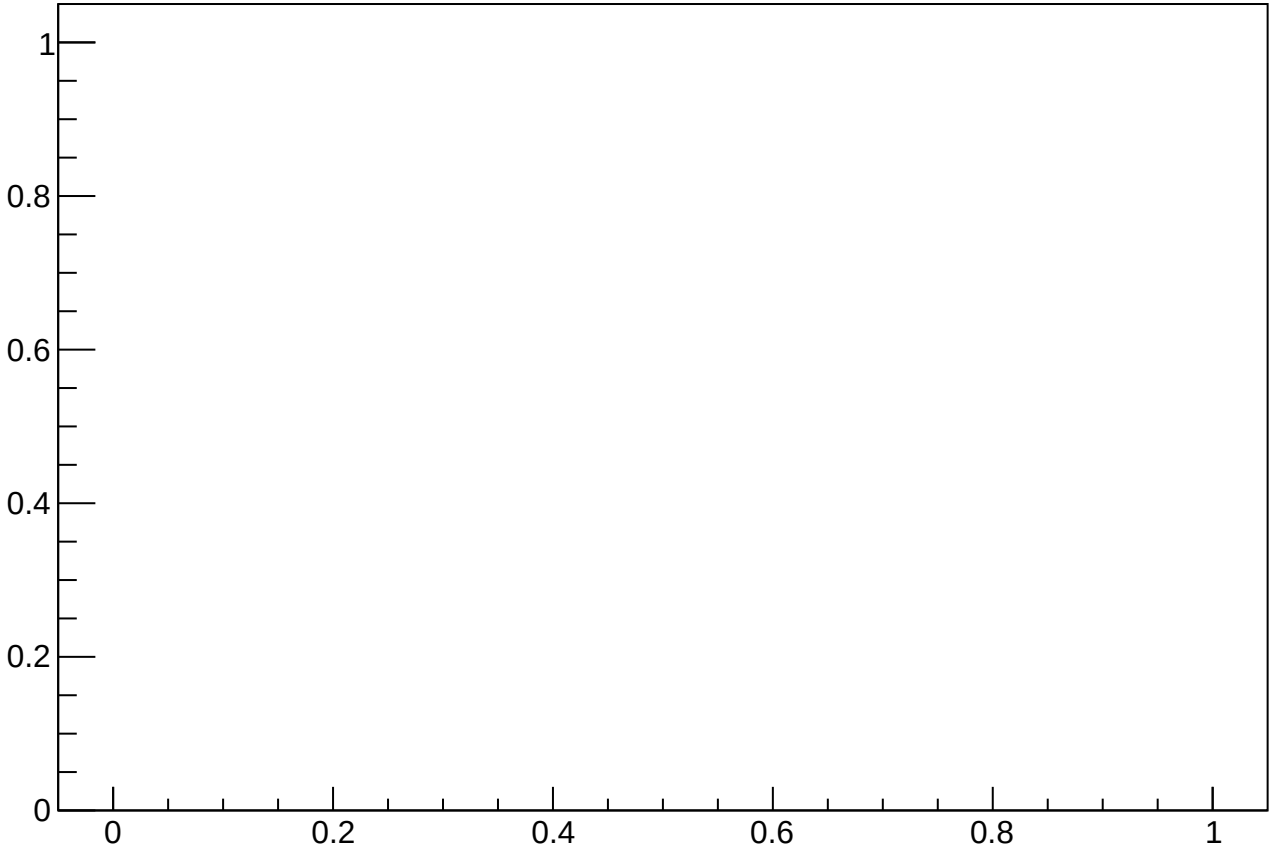
dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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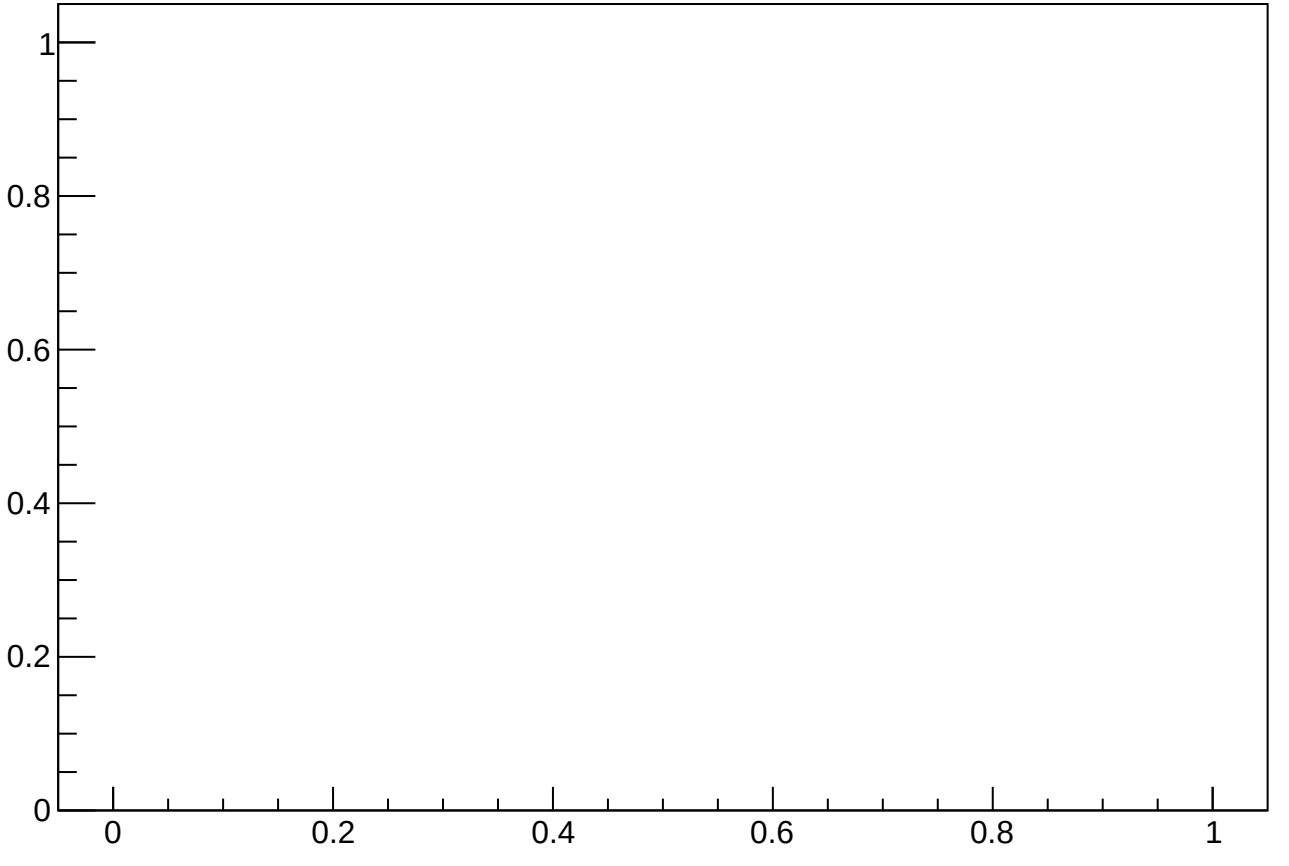
dit_atr1_coil7_mean vs Slug, Sign Corrected



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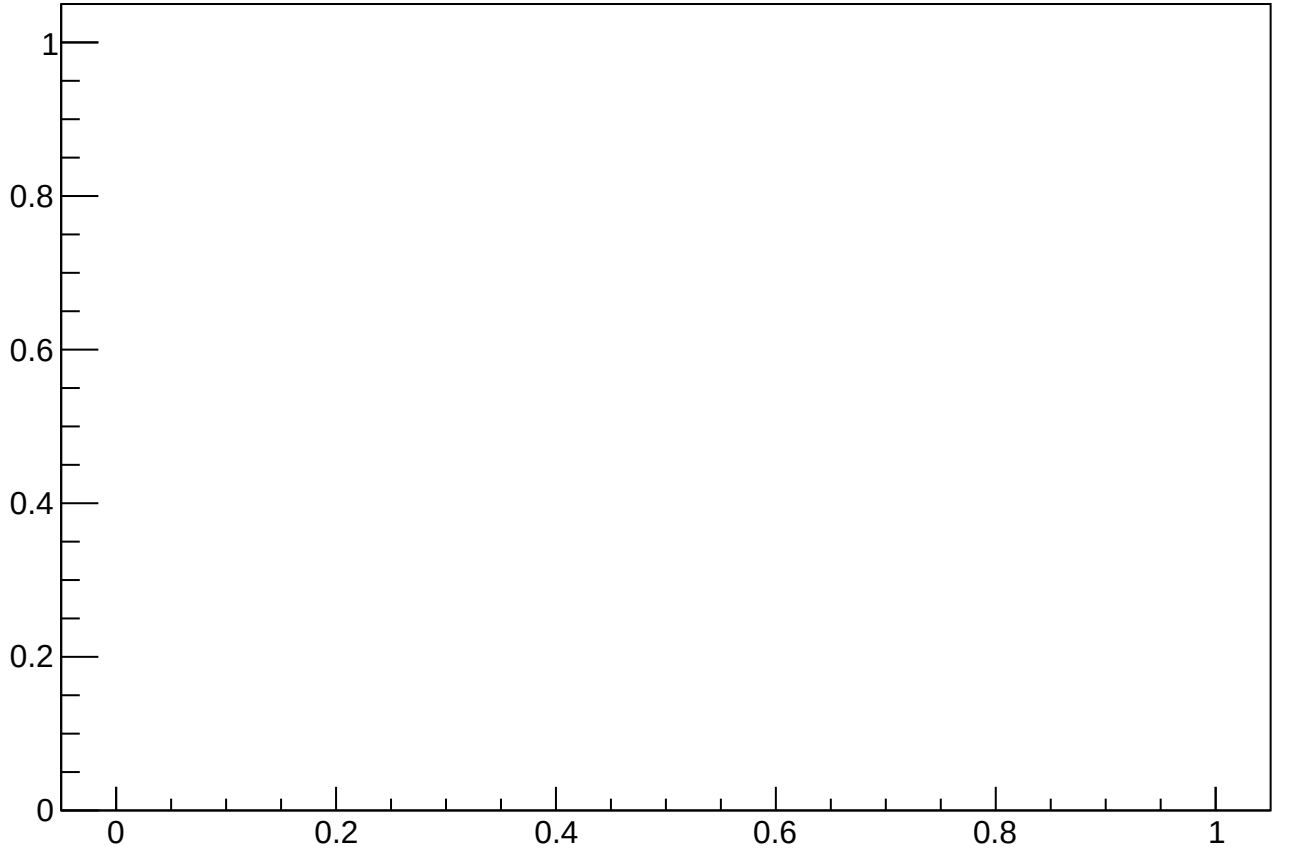
dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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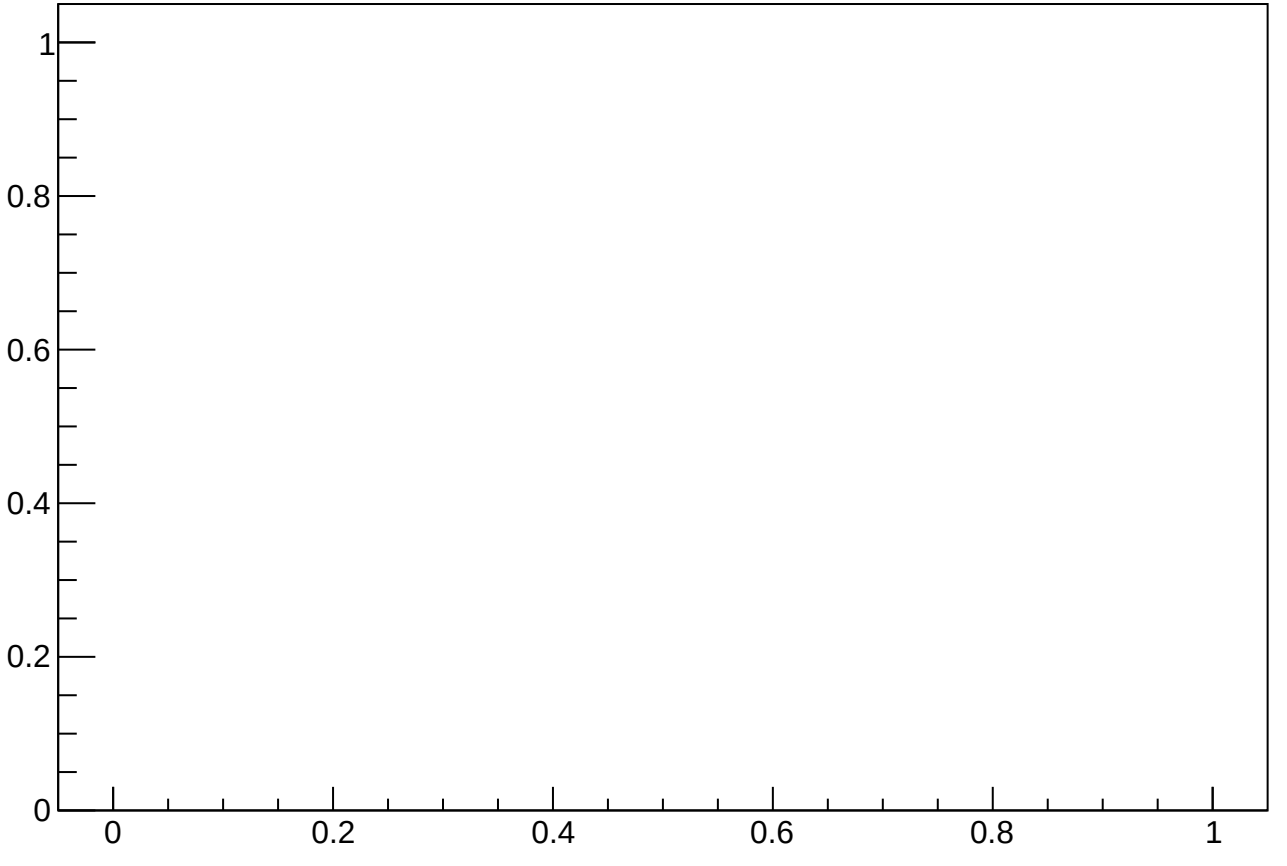
dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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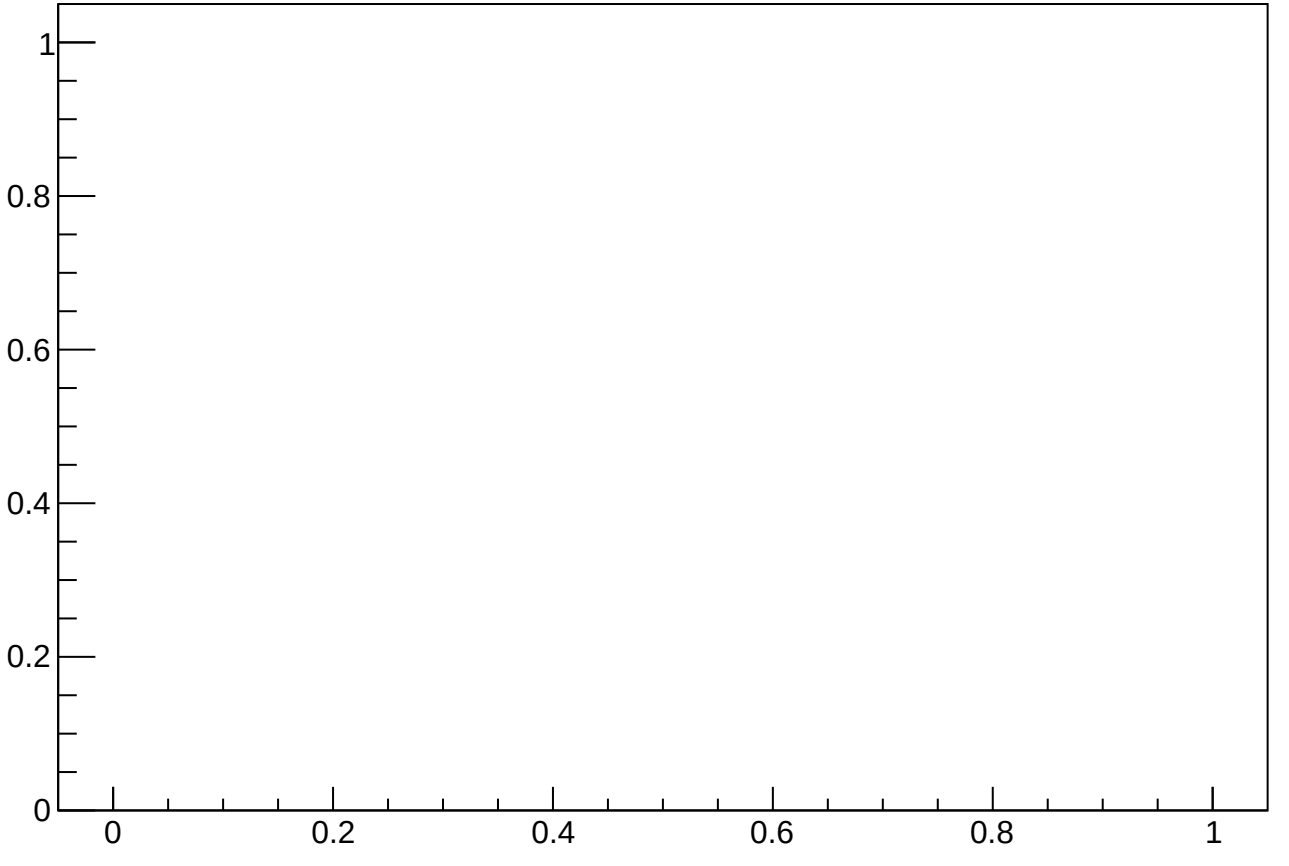
dit_atr2_coil7_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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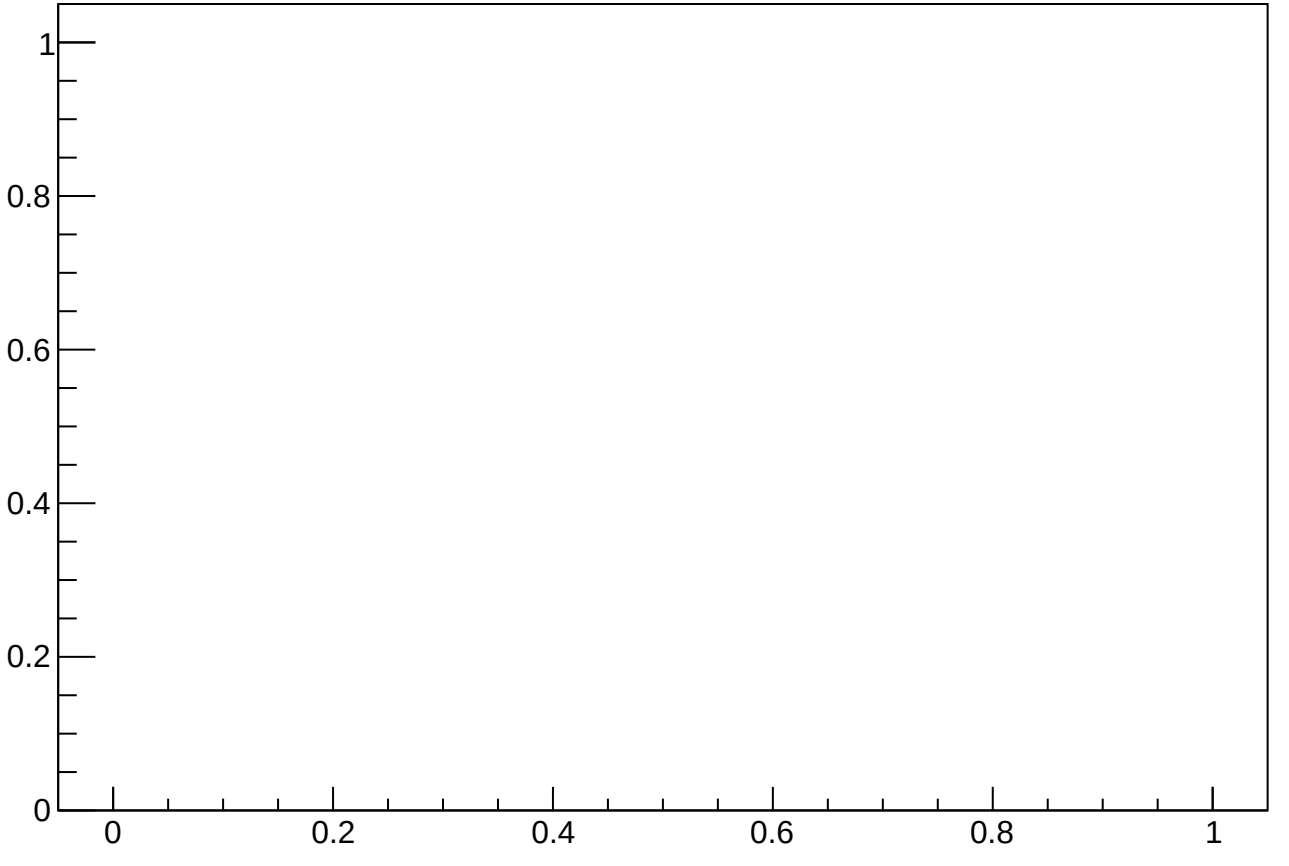
dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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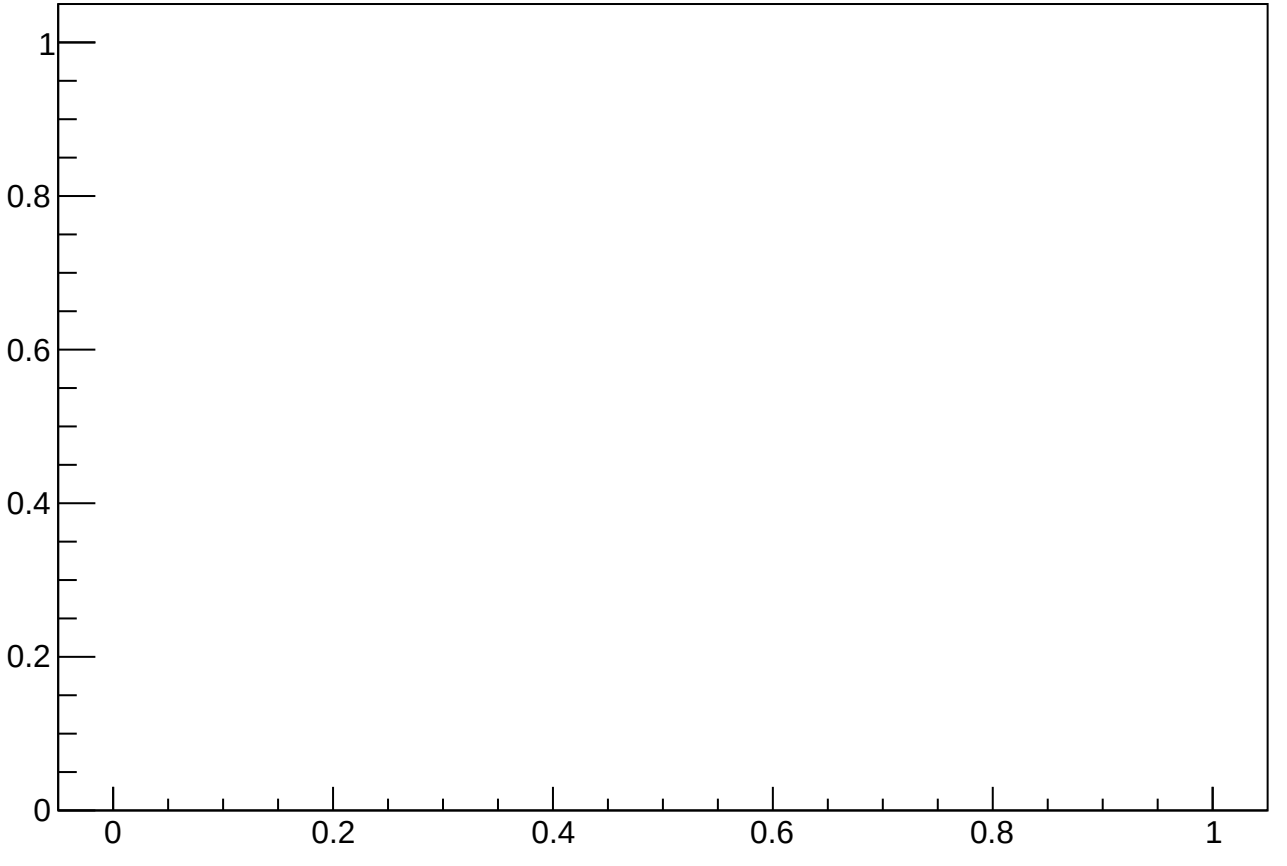
dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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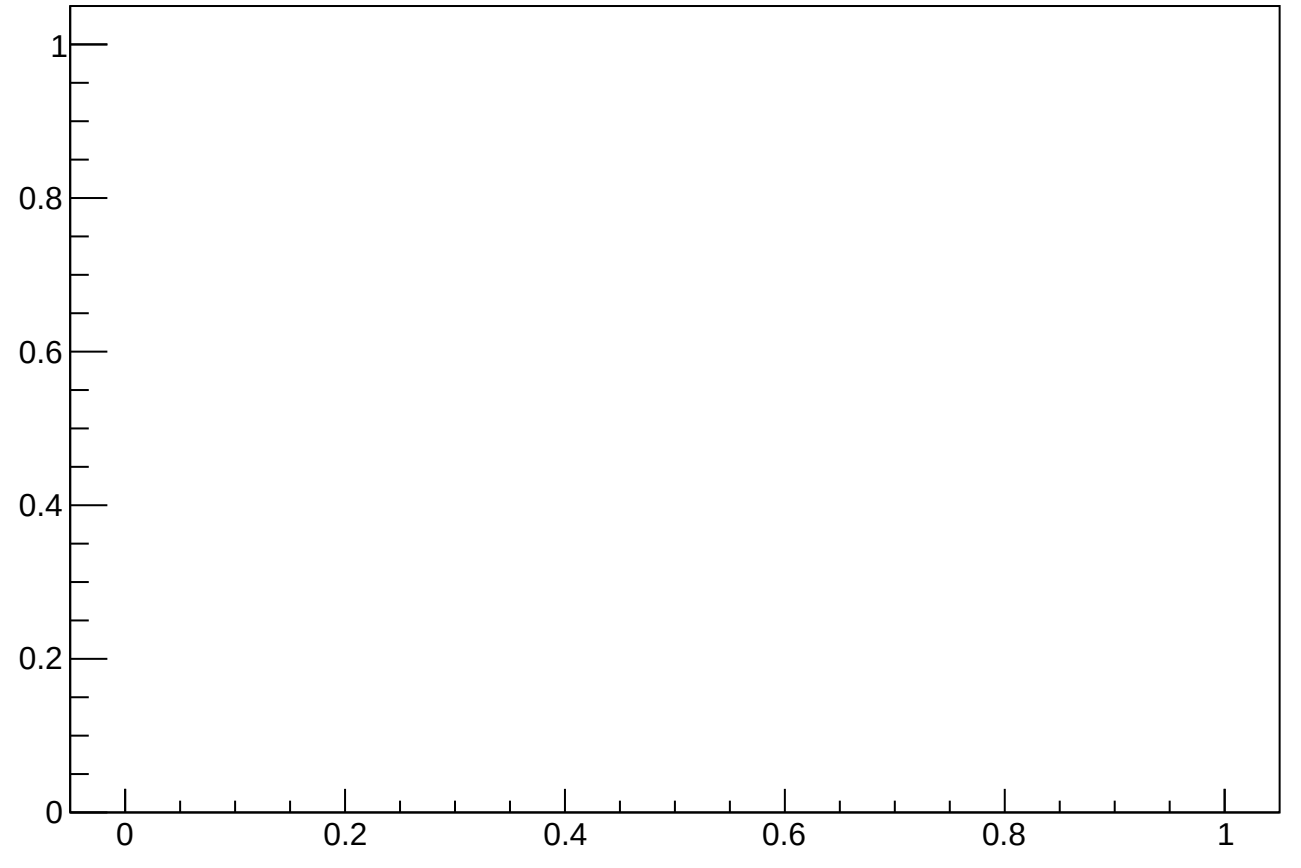

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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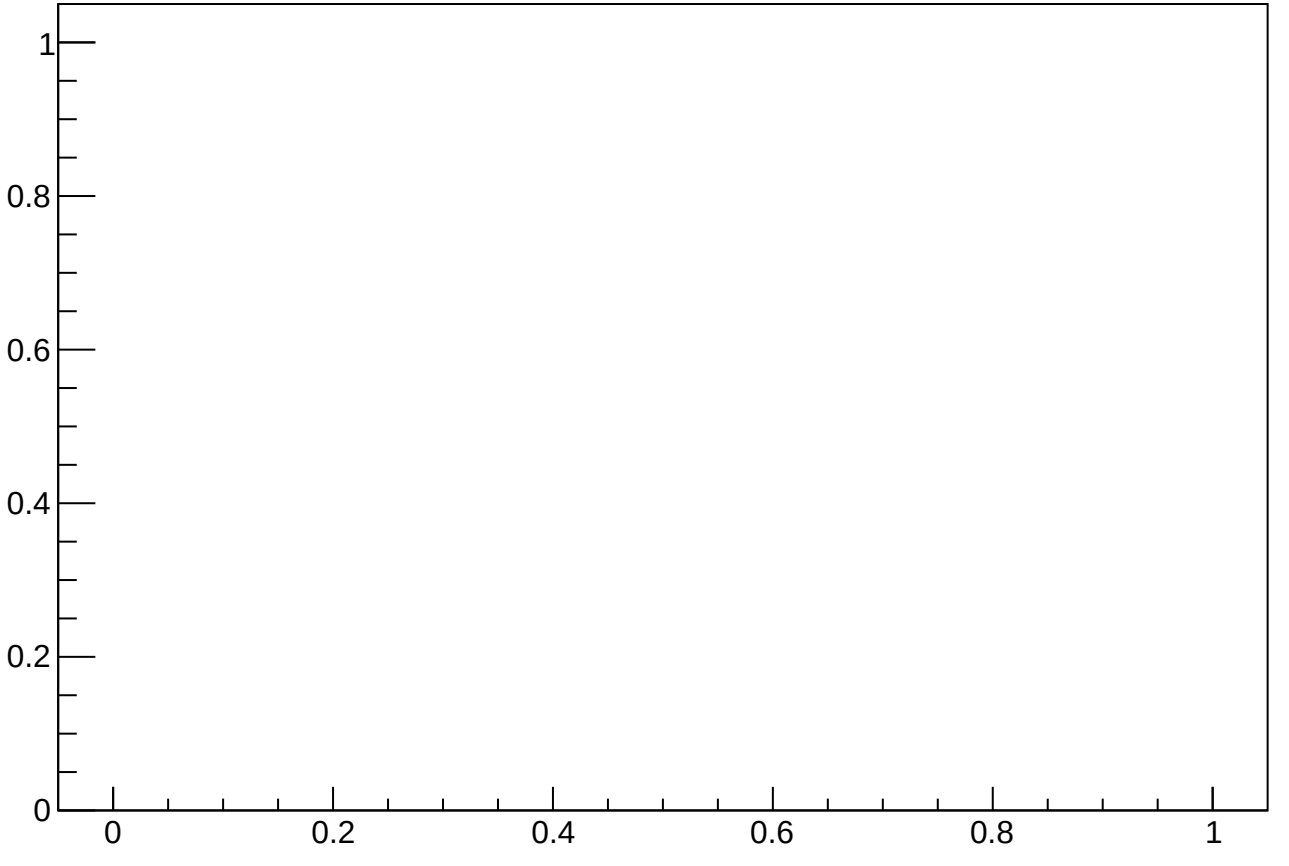
dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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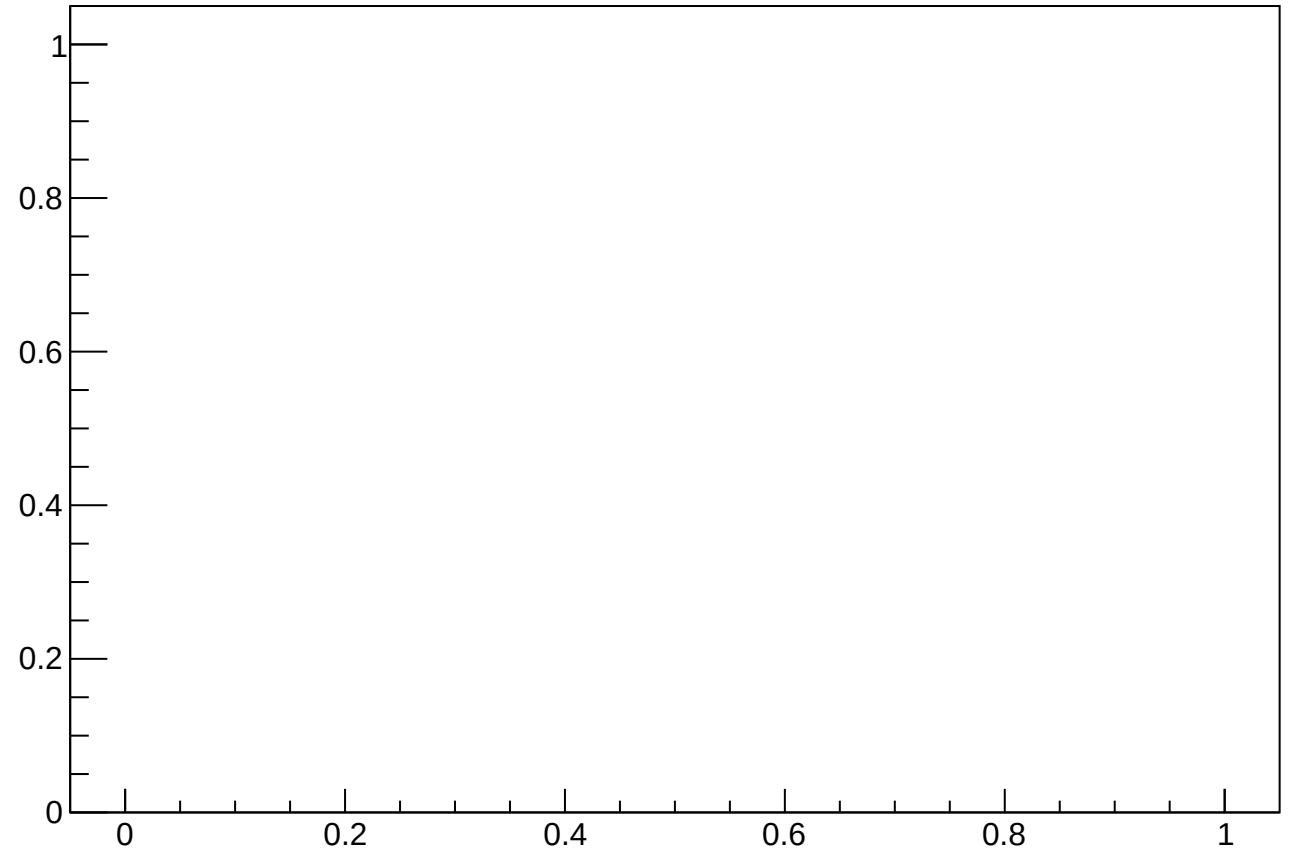

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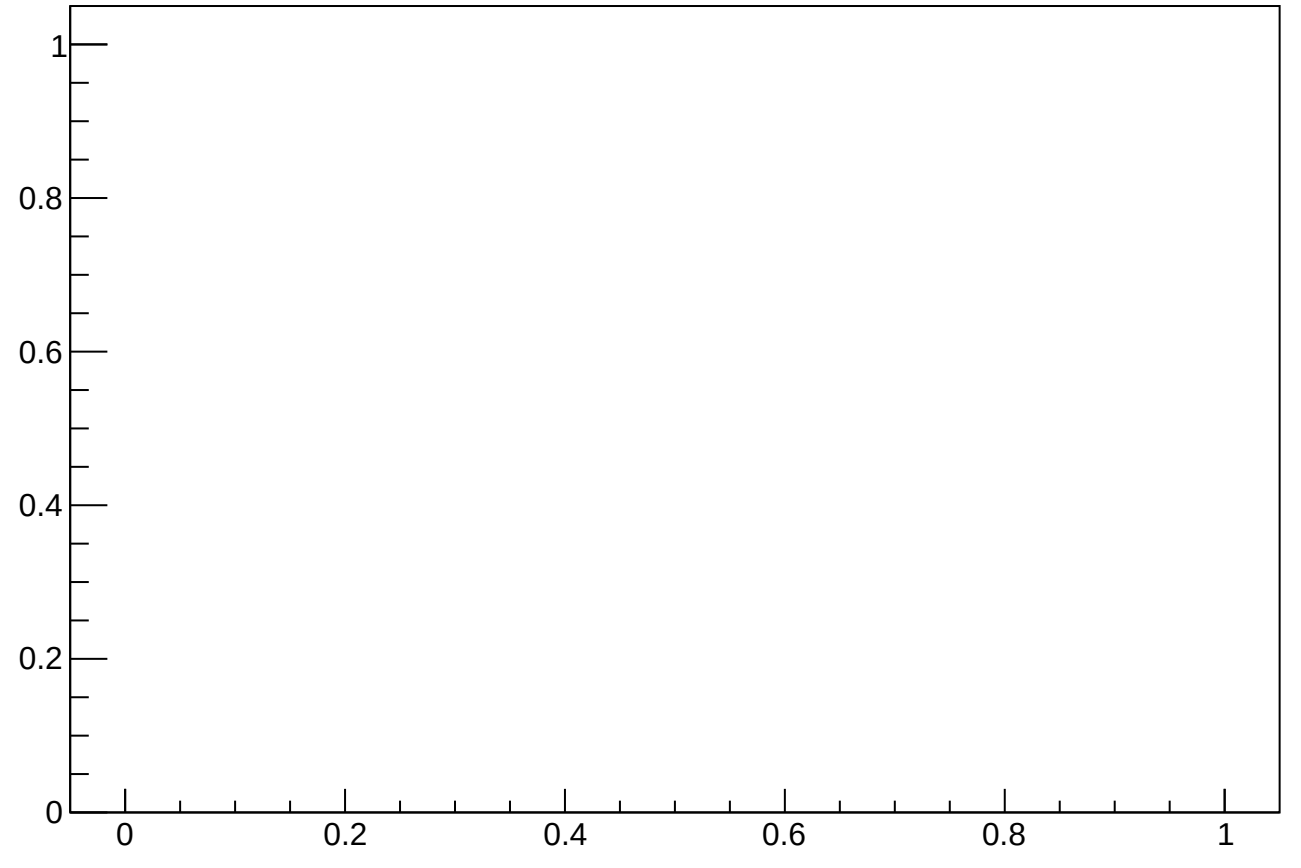

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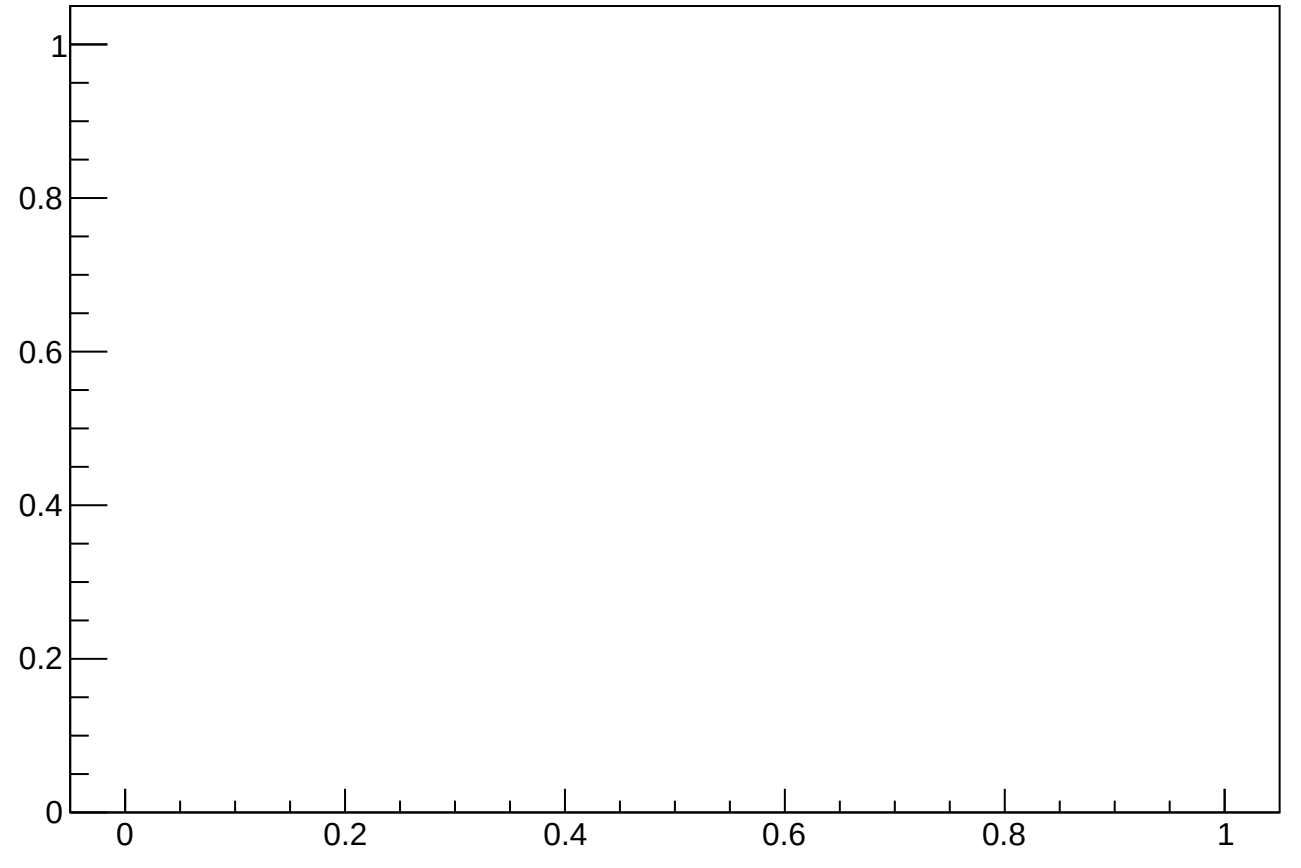

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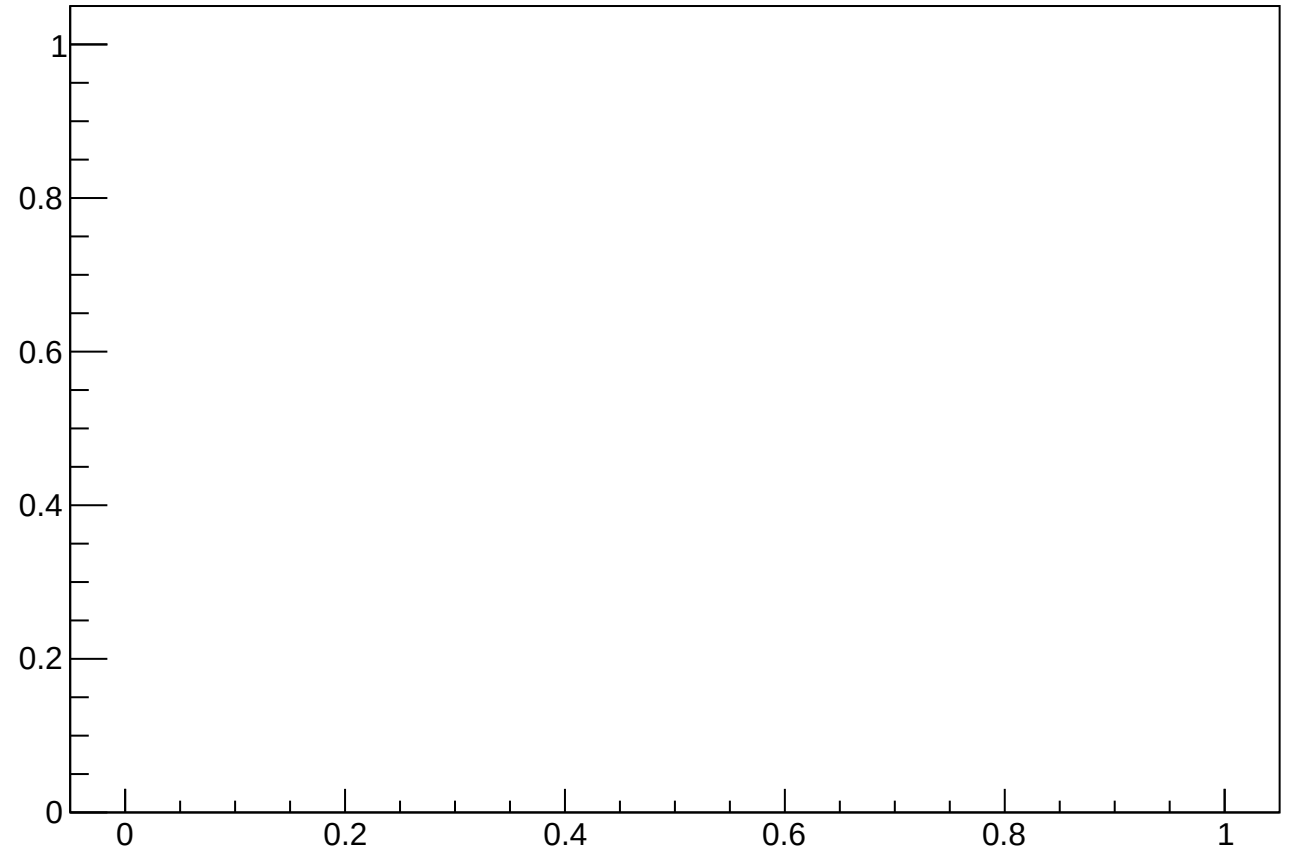

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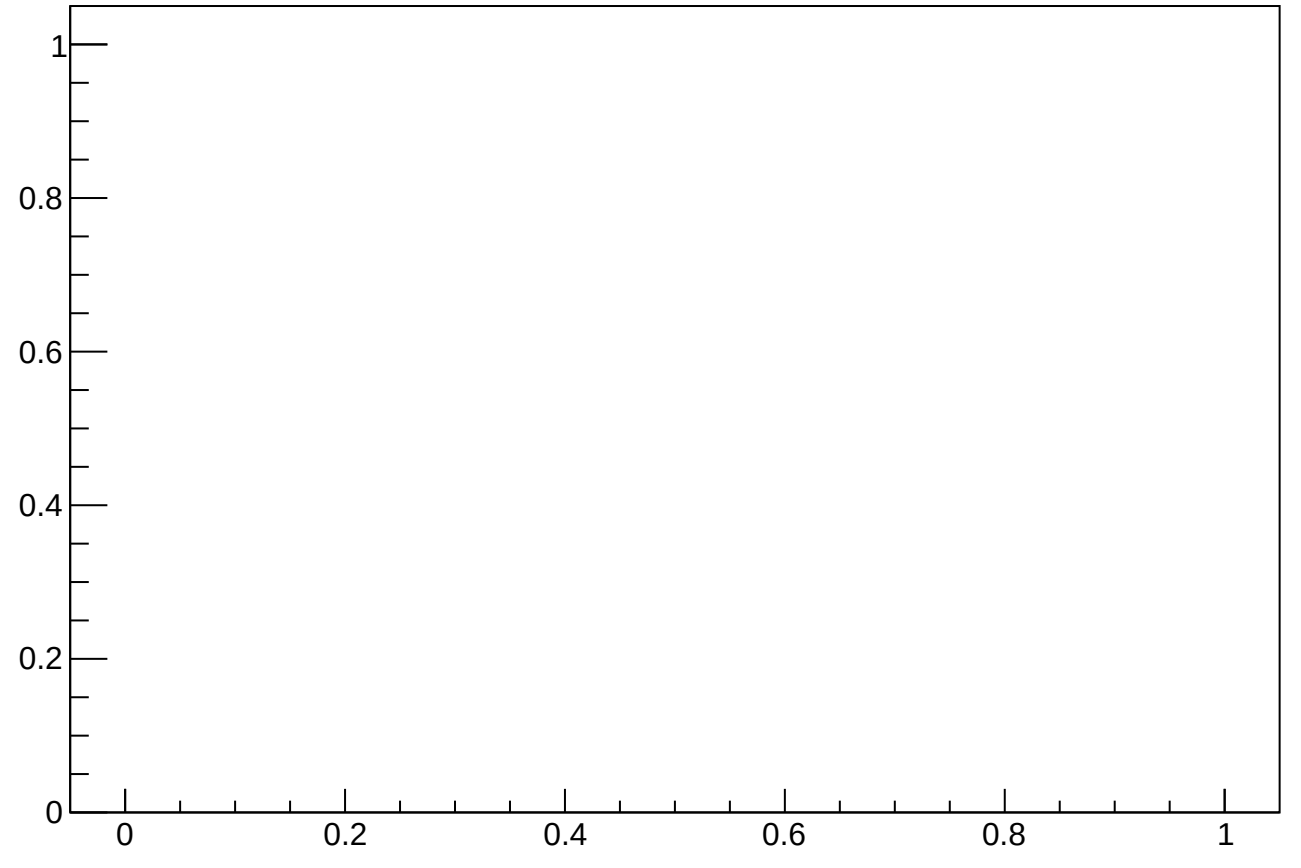

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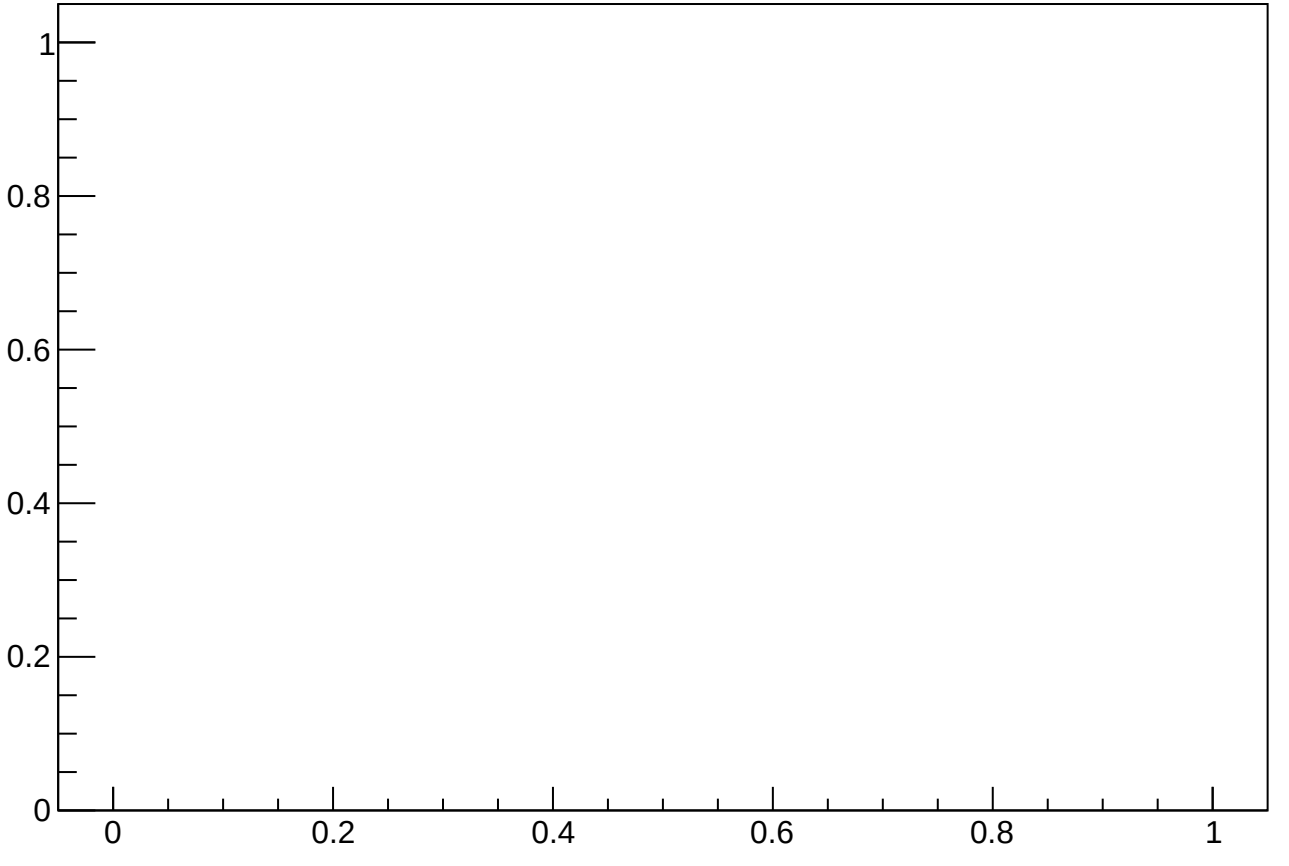
dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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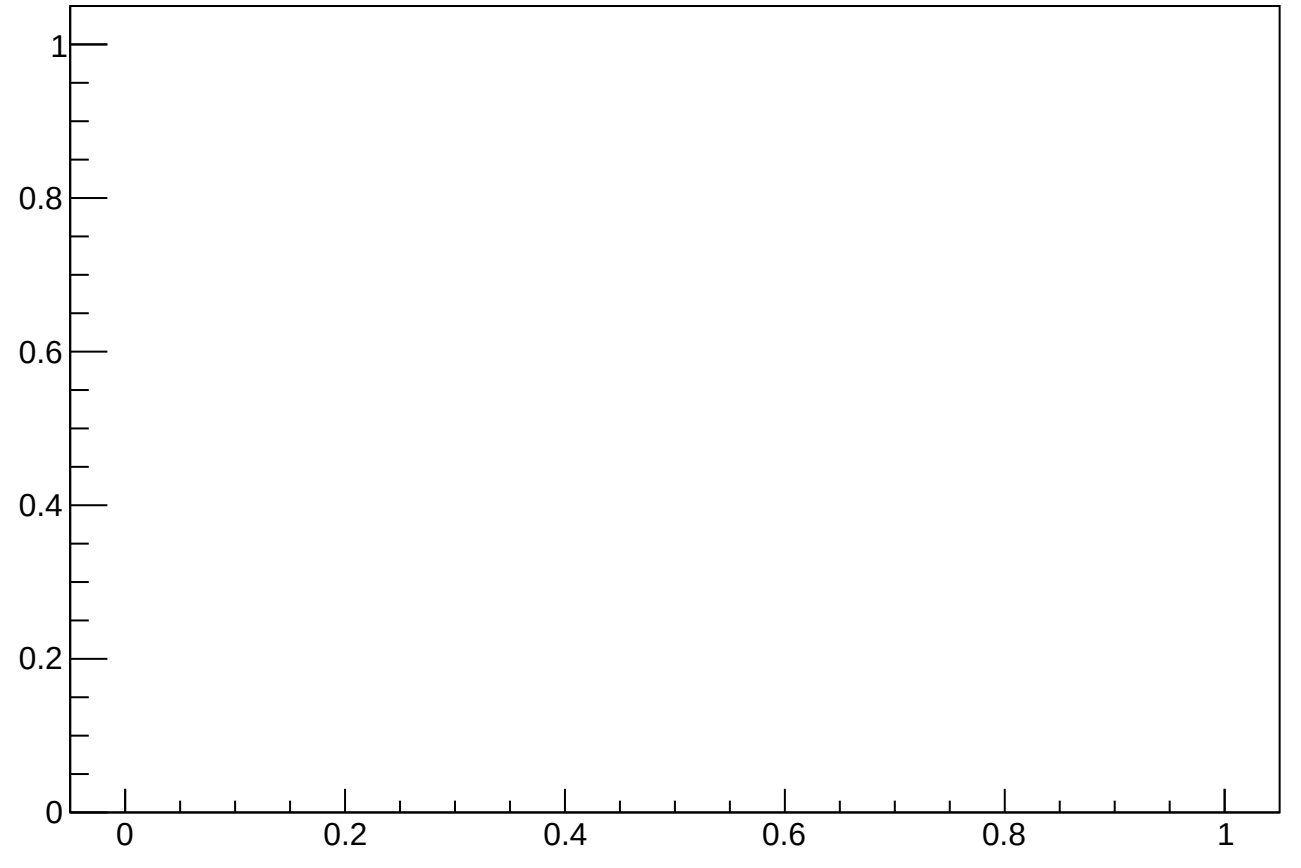

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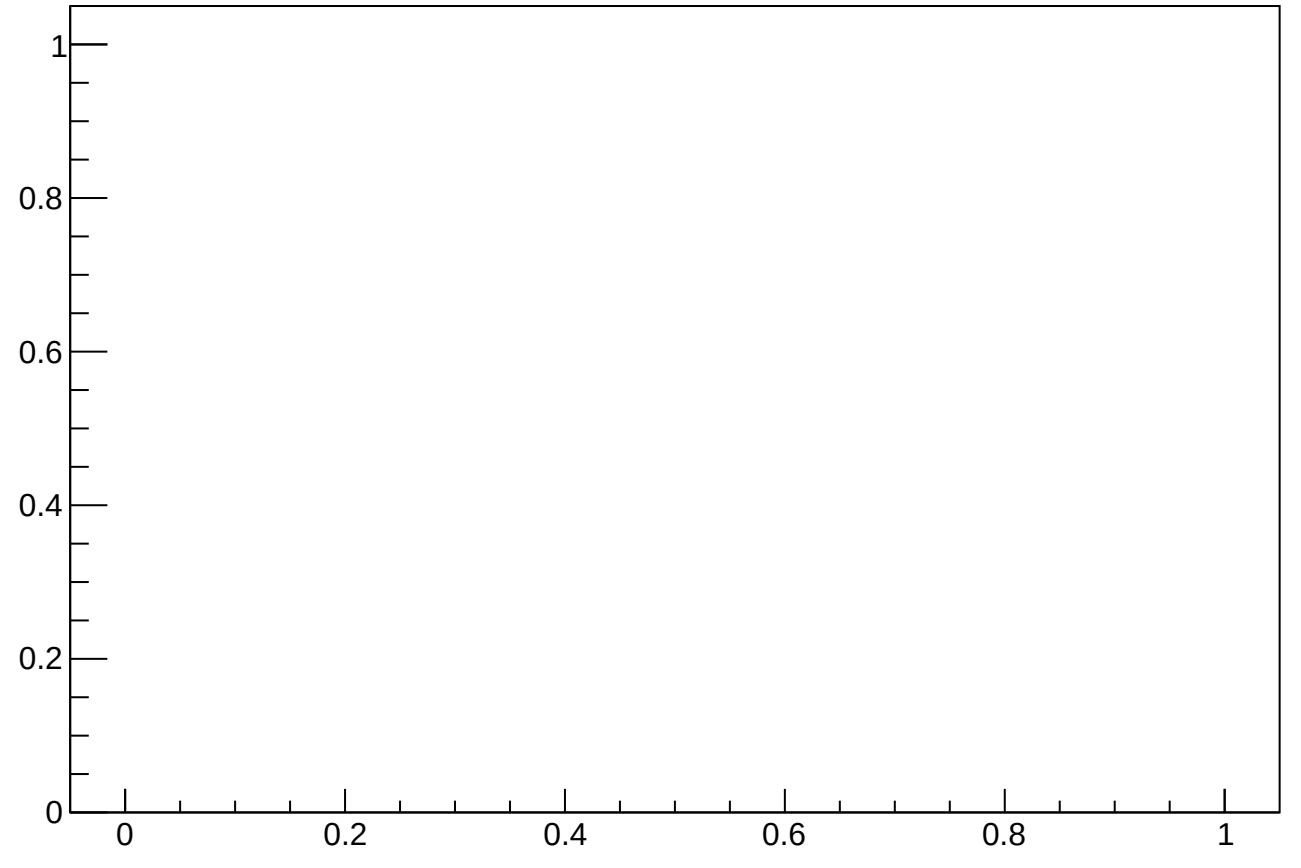

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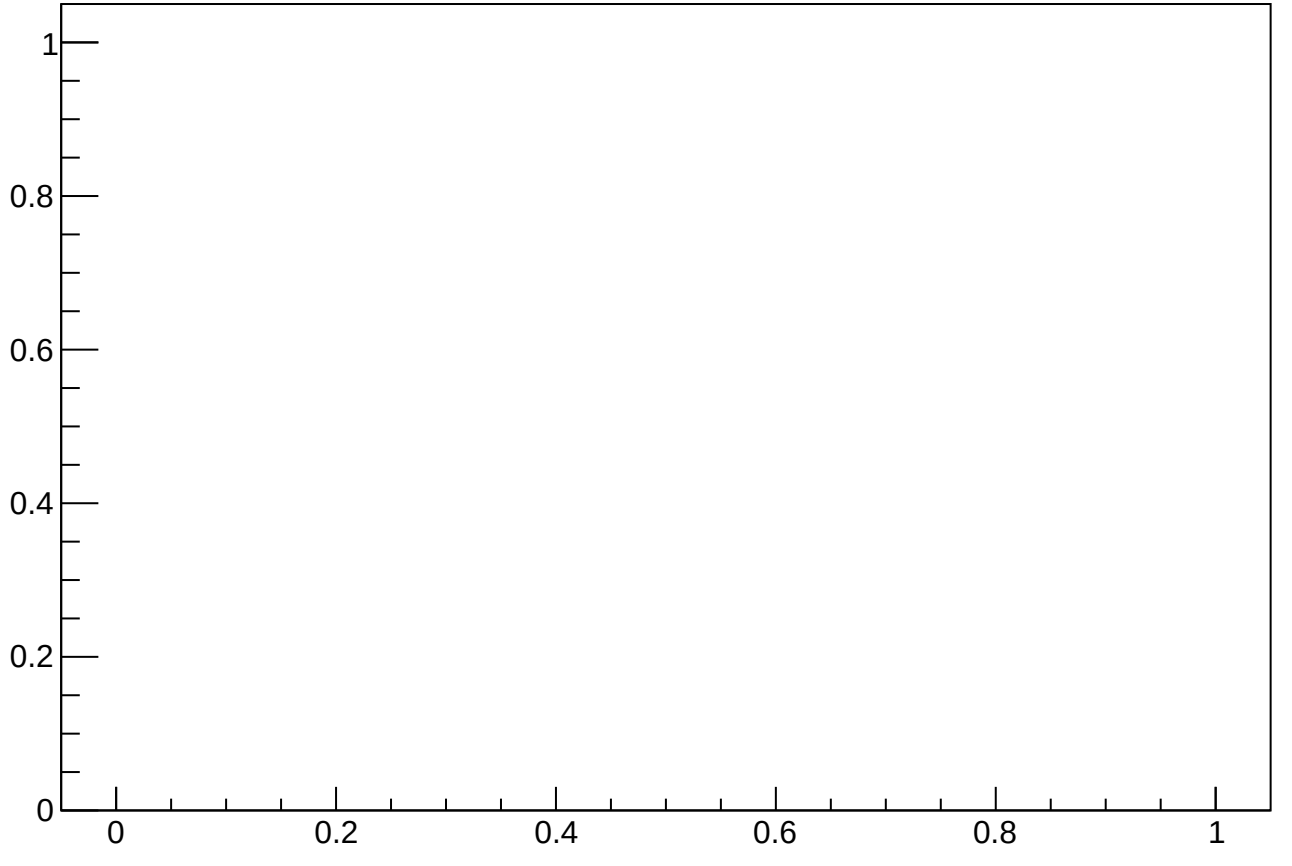
dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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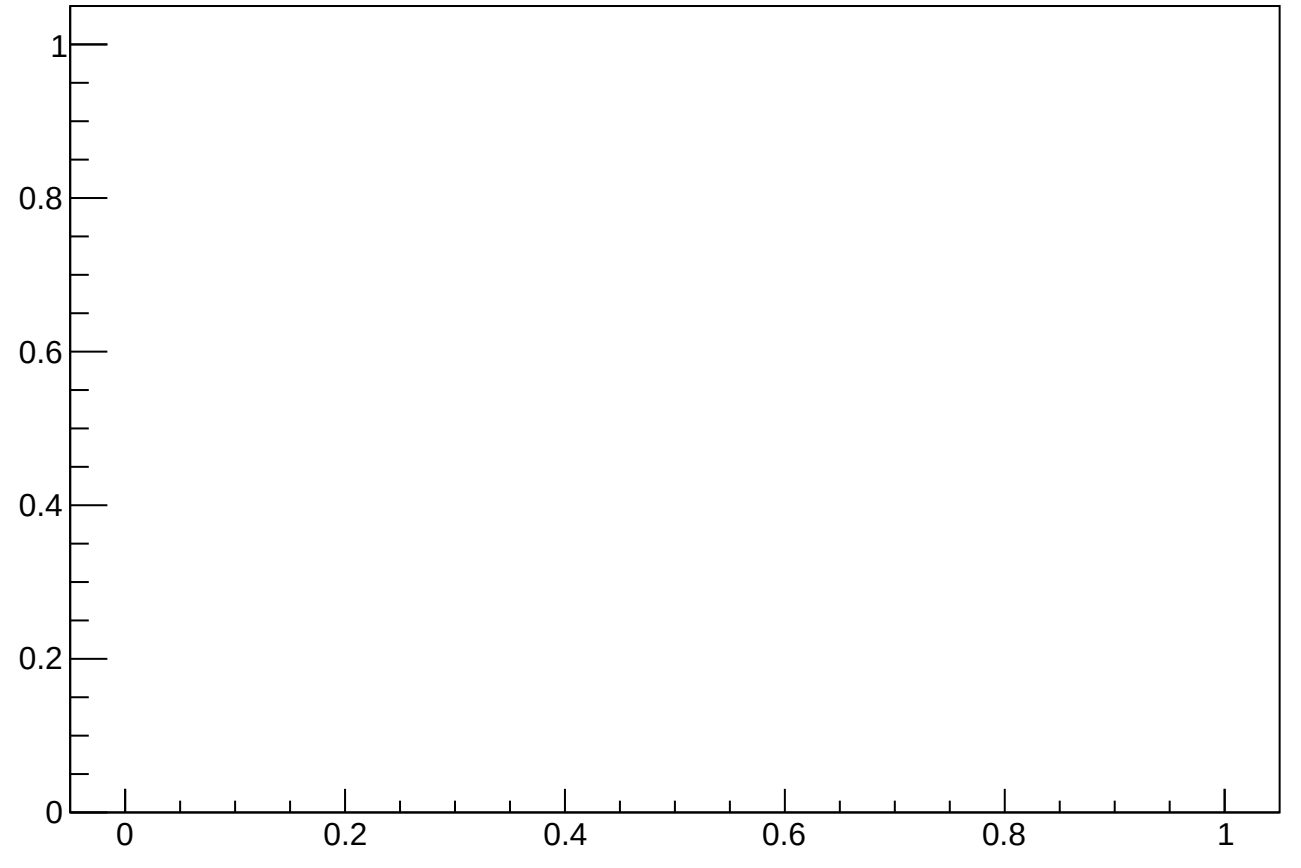

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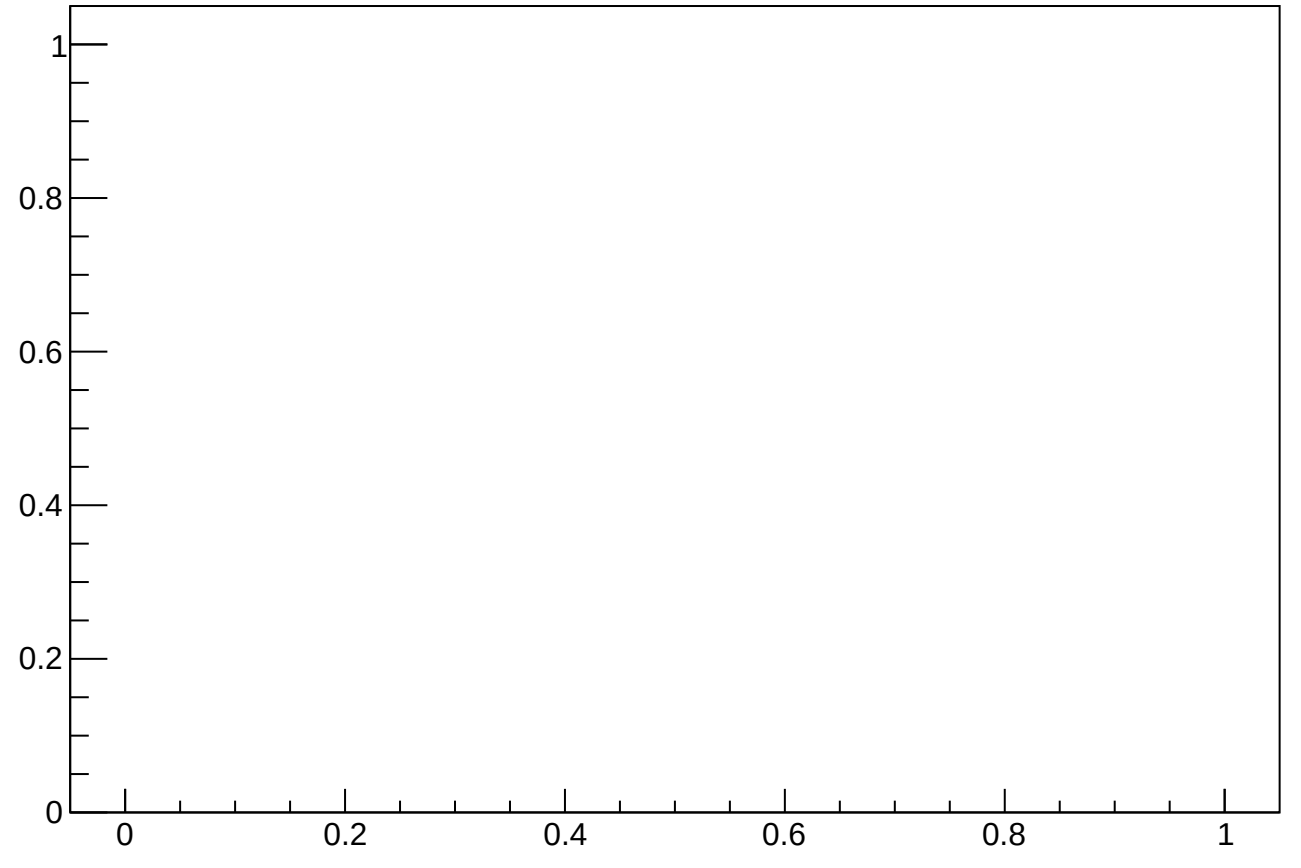

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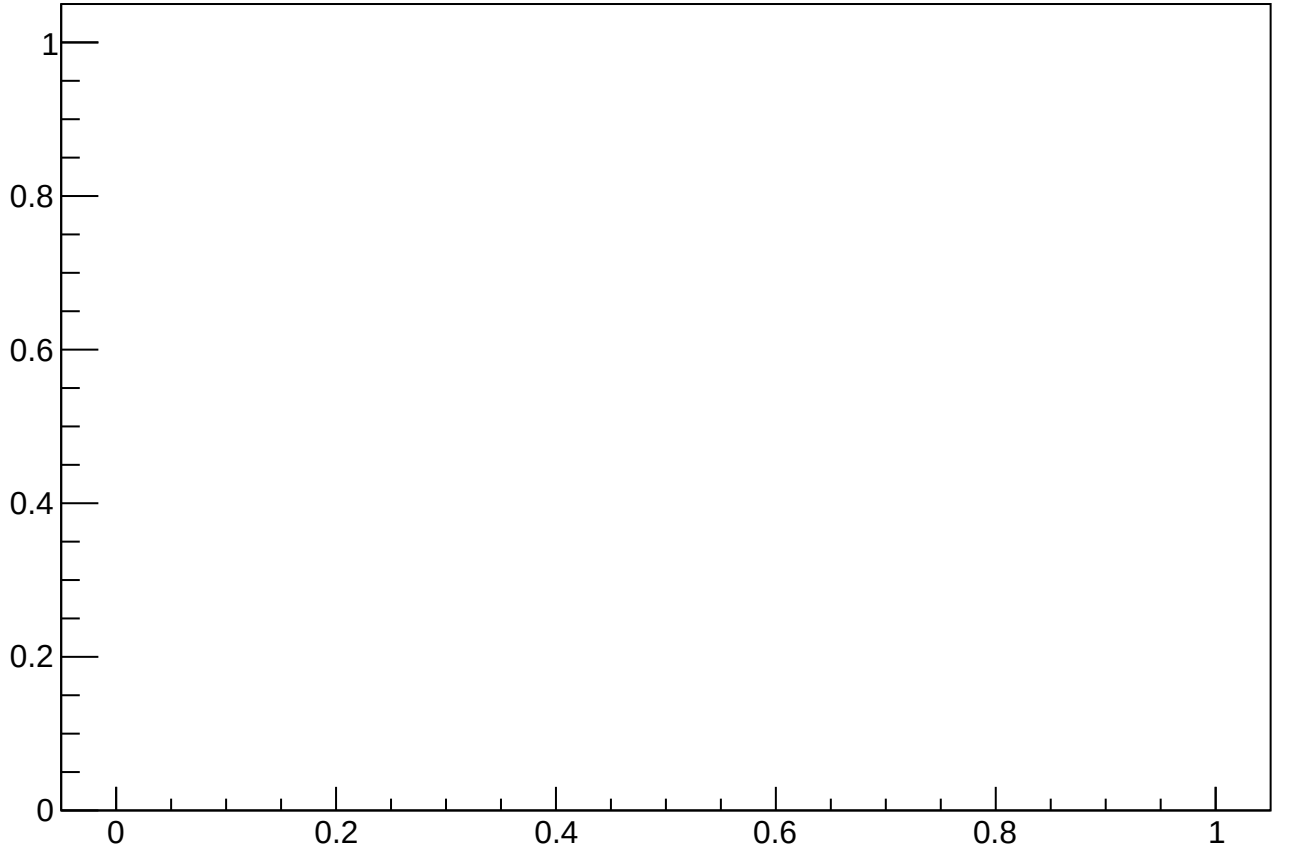
dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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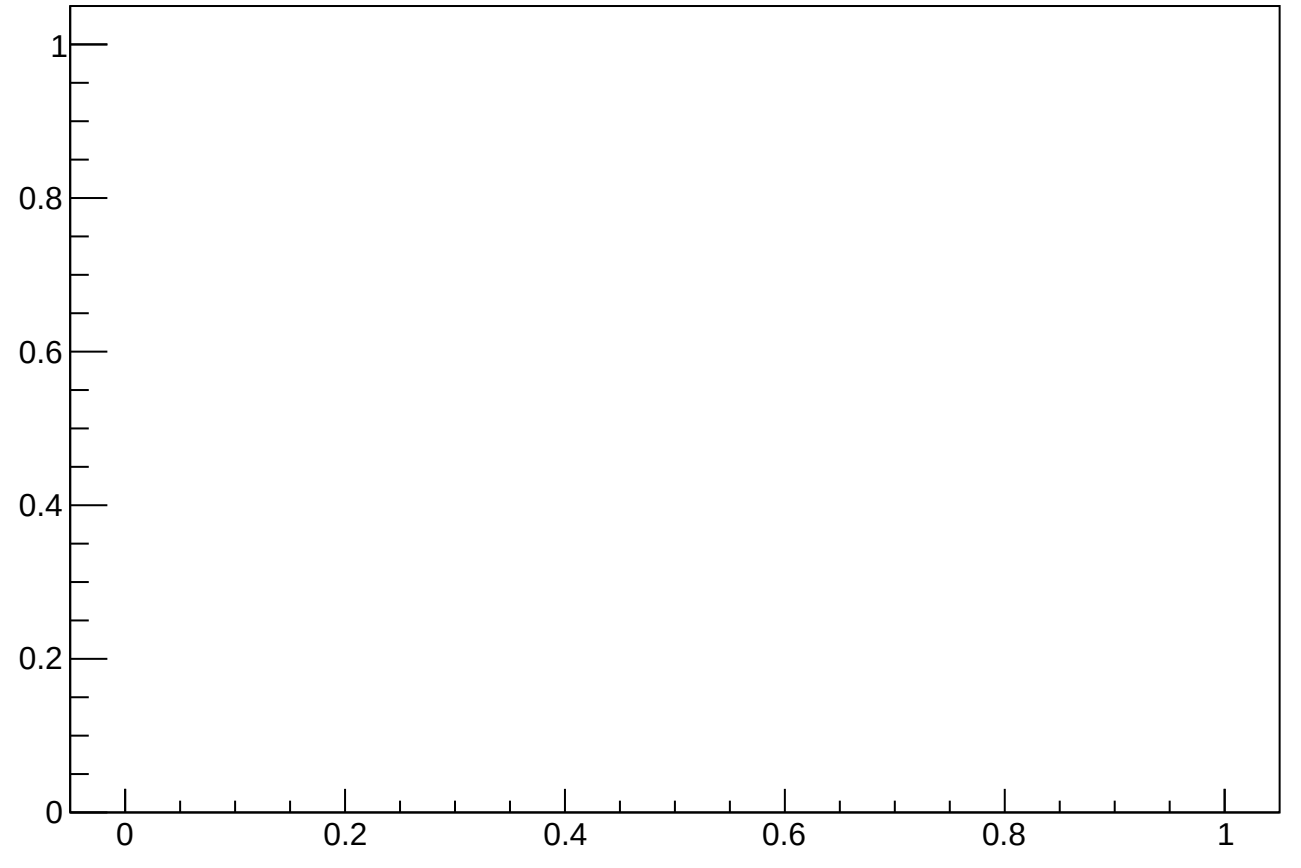

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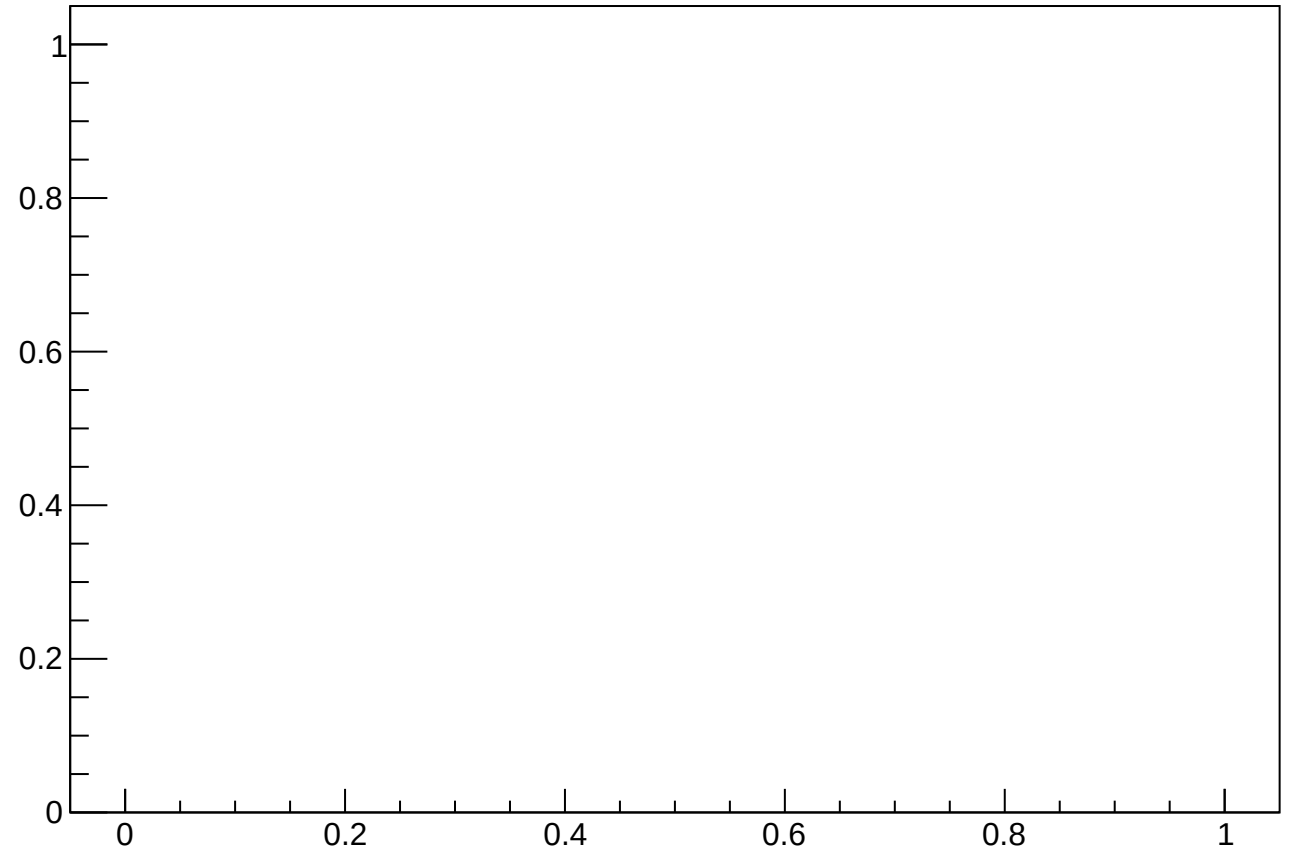

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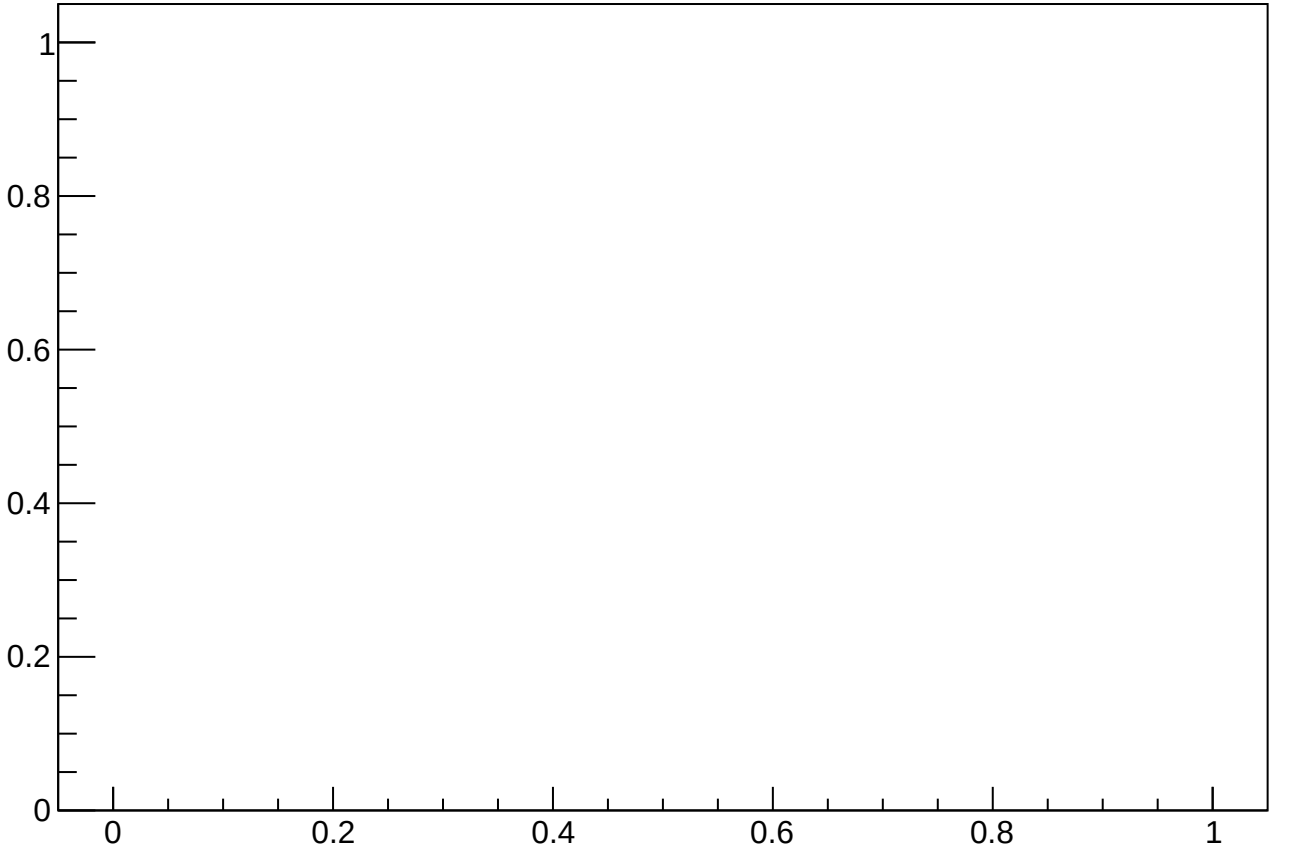
dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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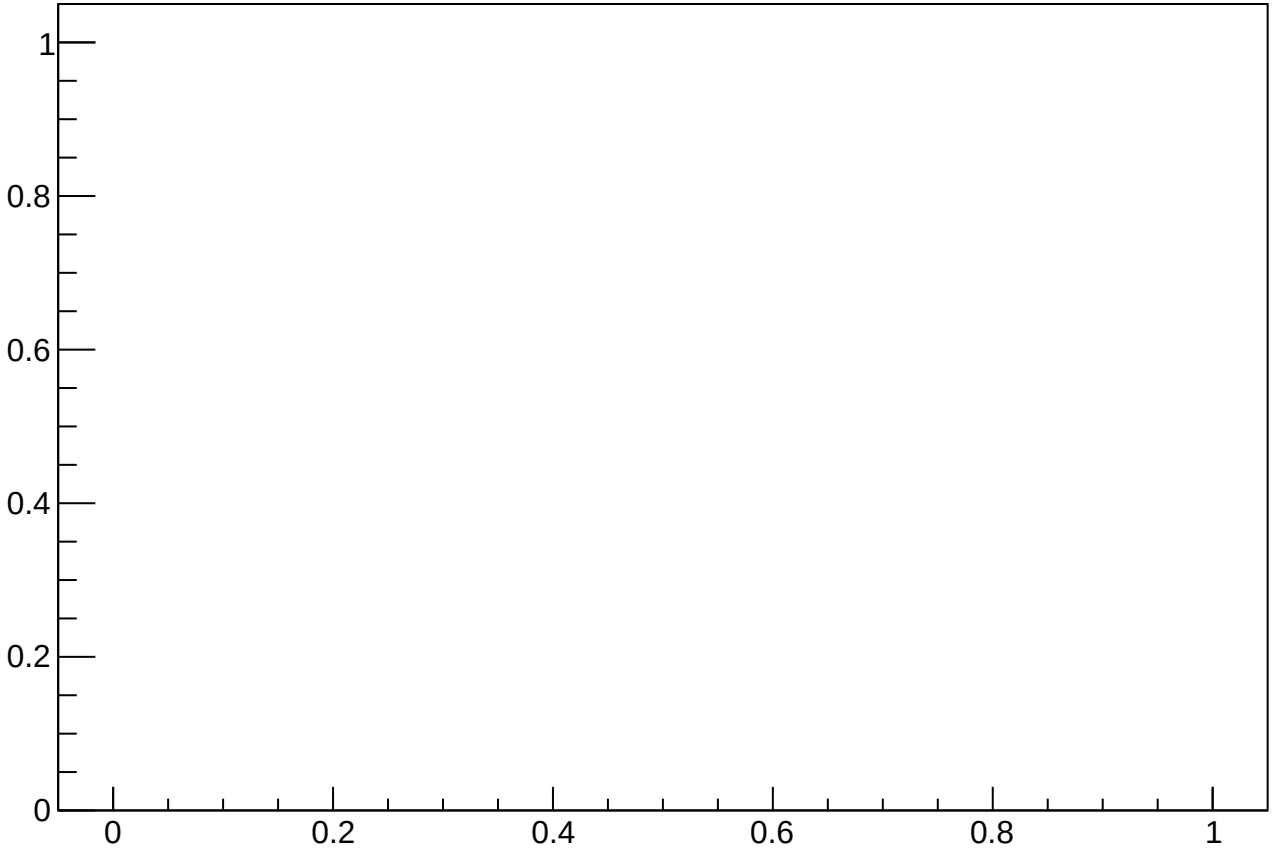
dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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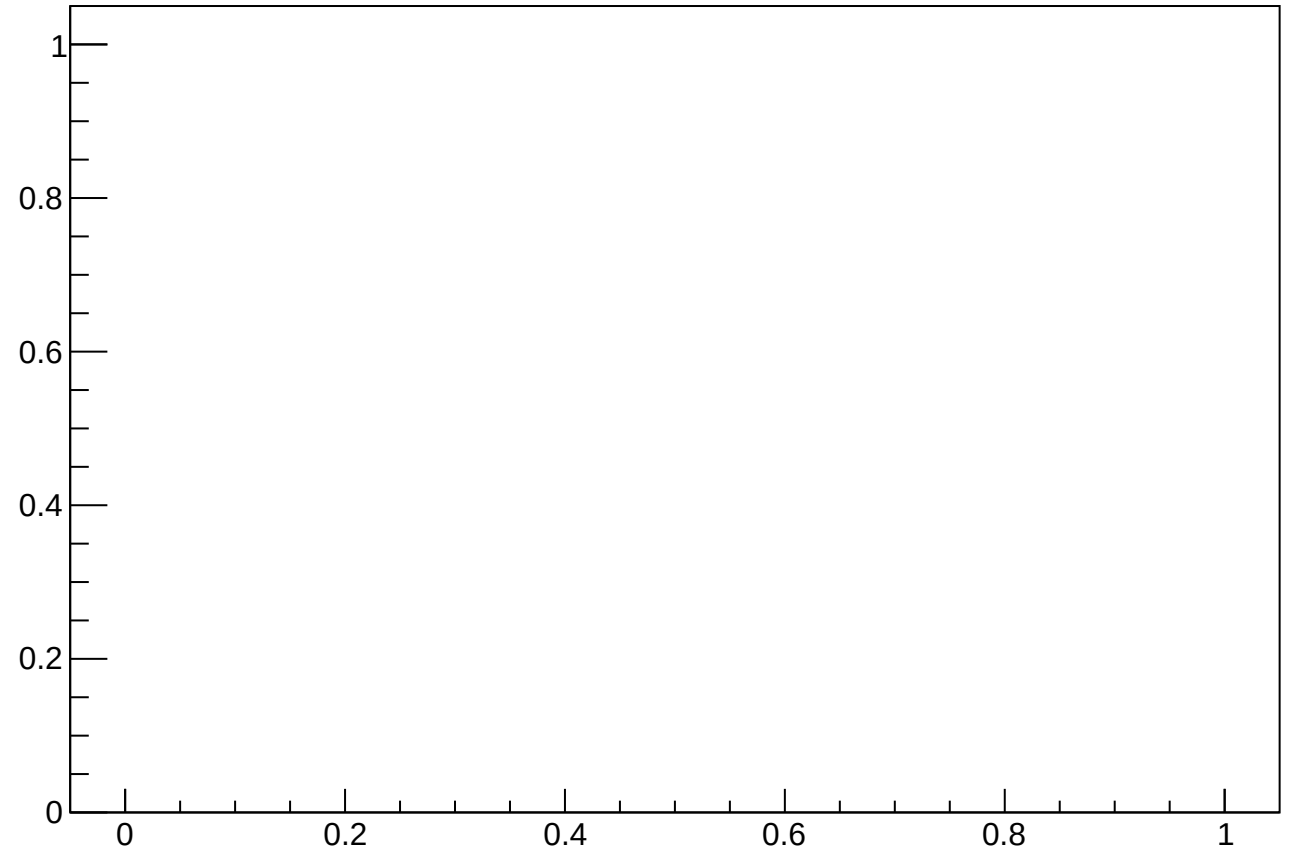

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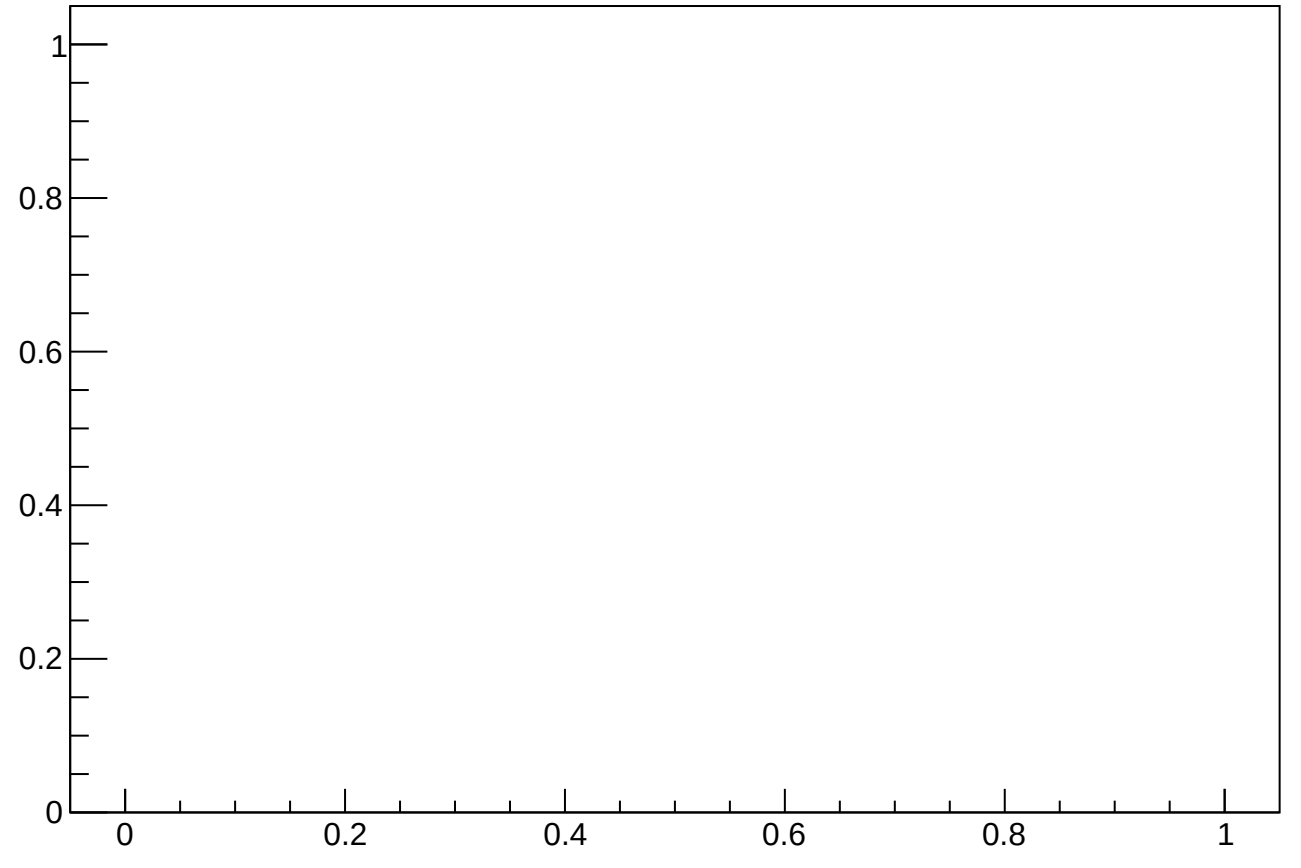

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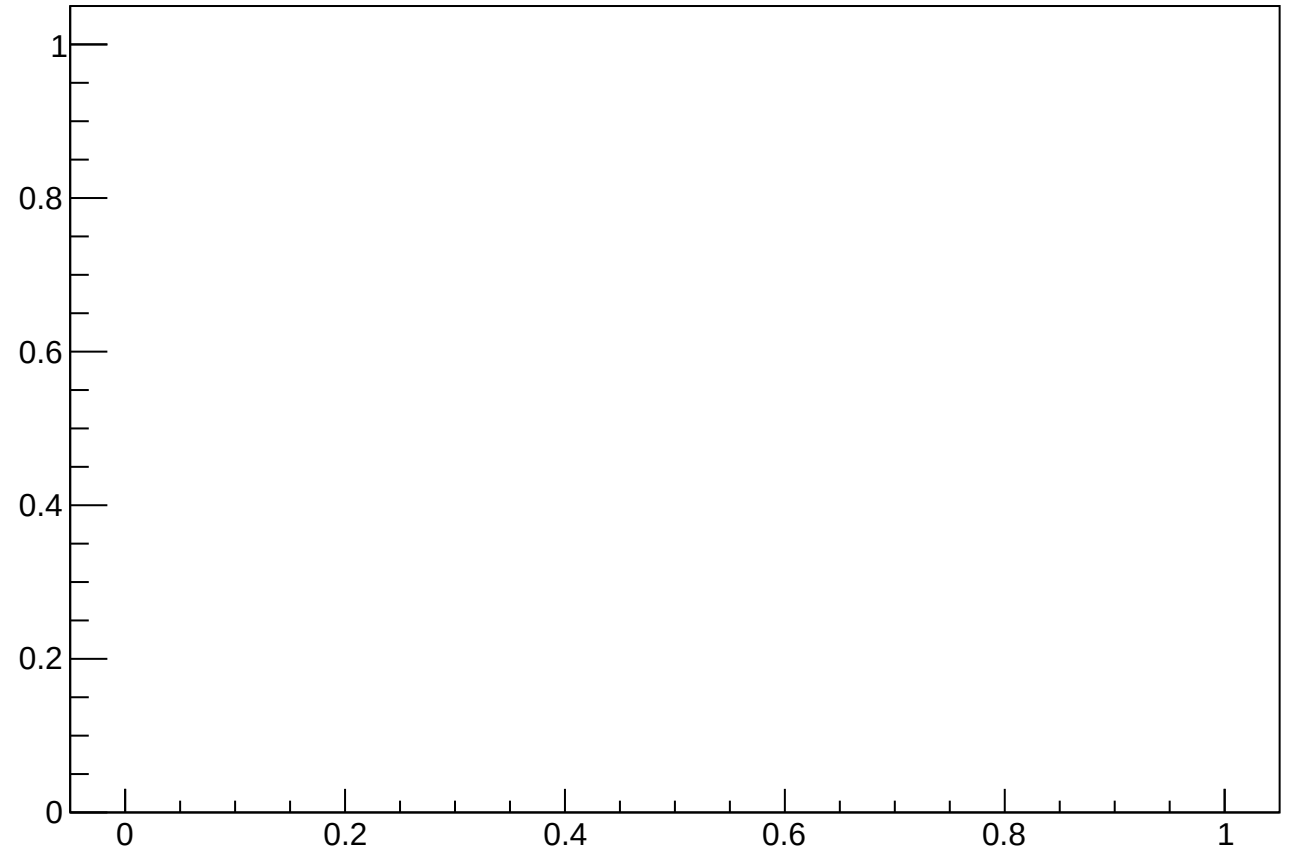
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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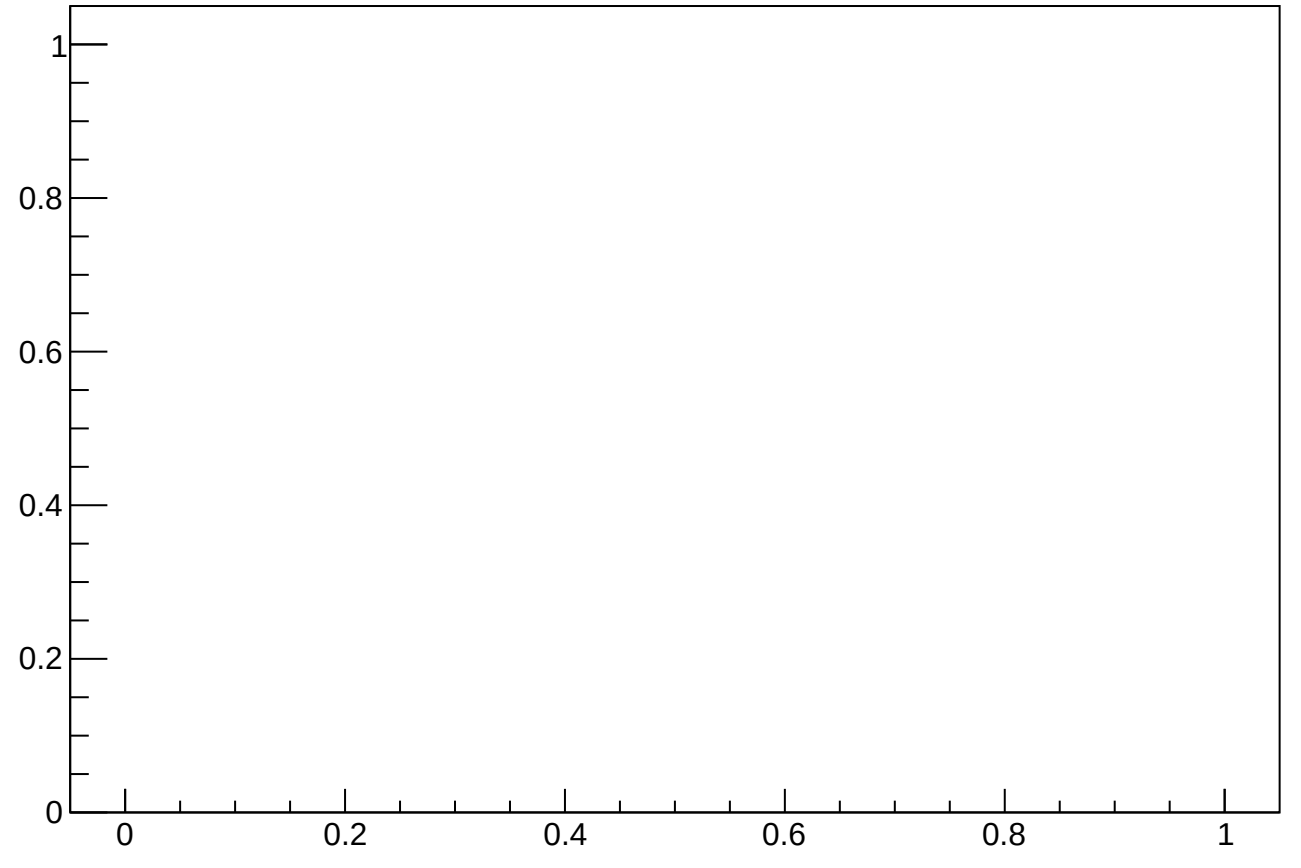
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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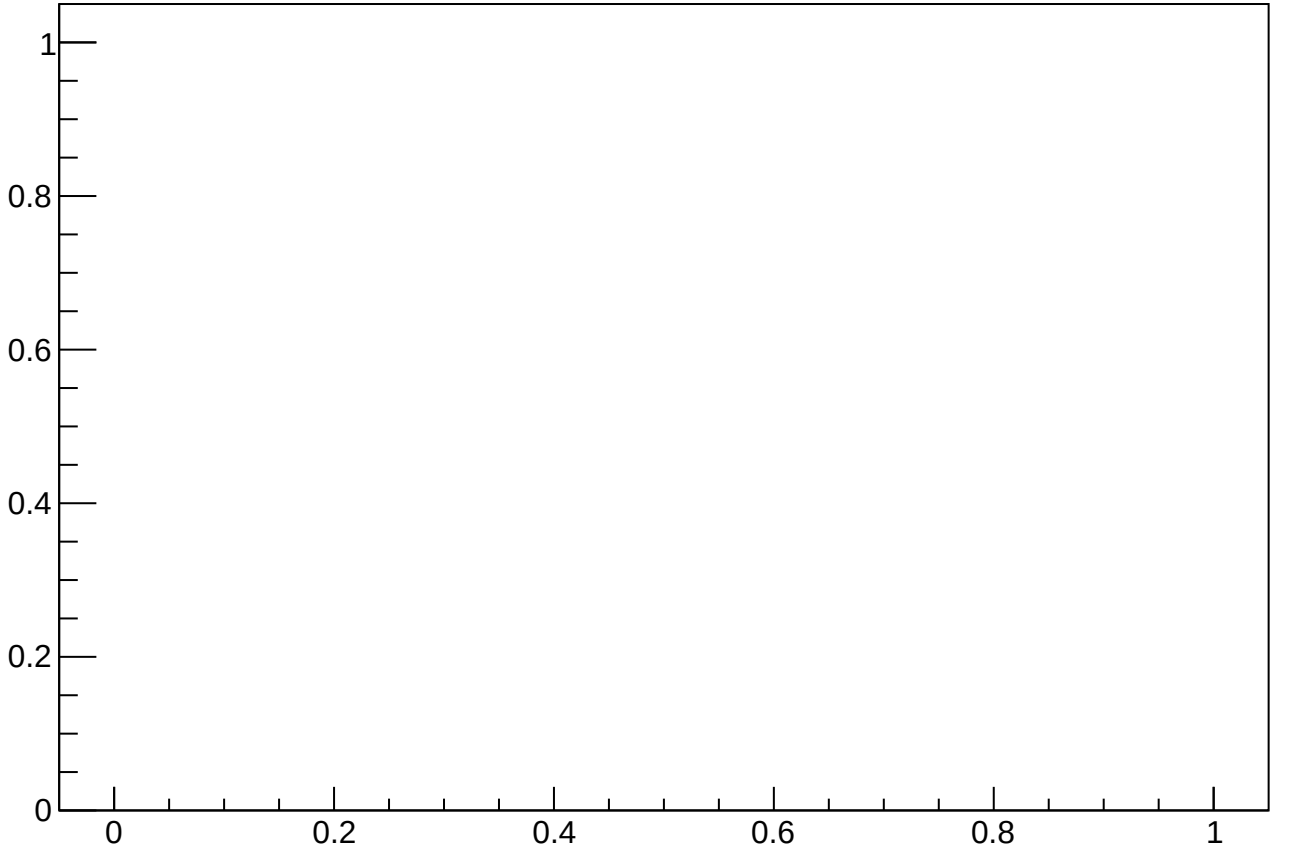
dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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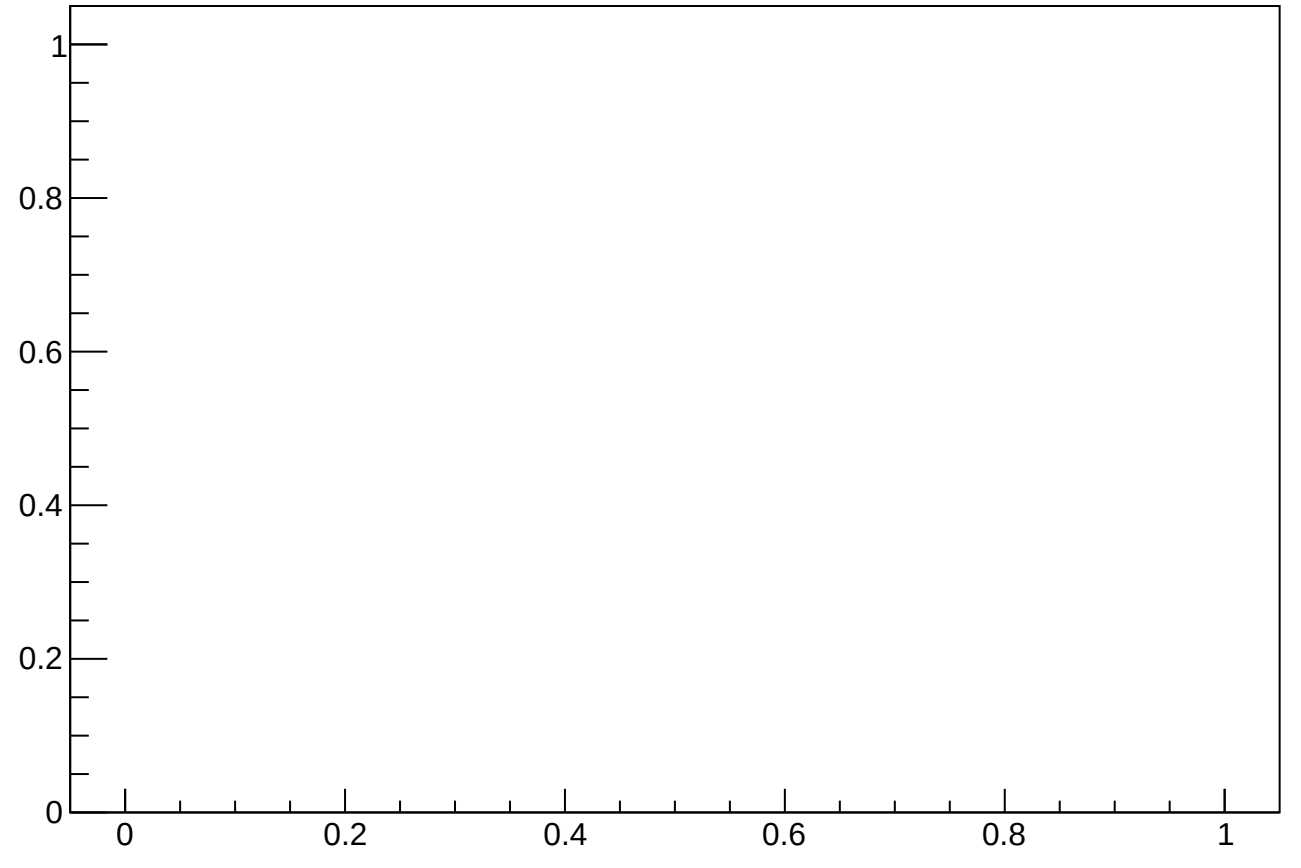
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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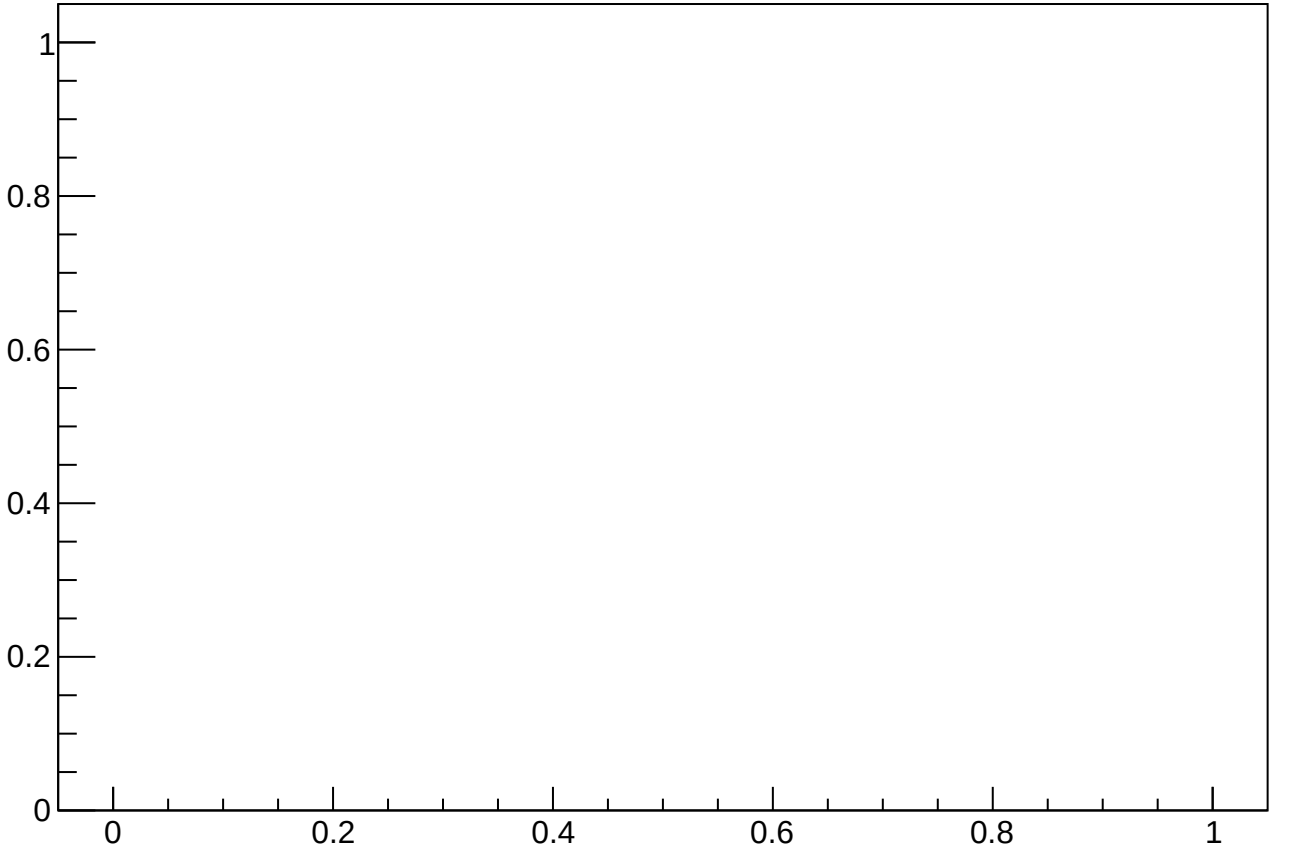
dit_4aX_coil4_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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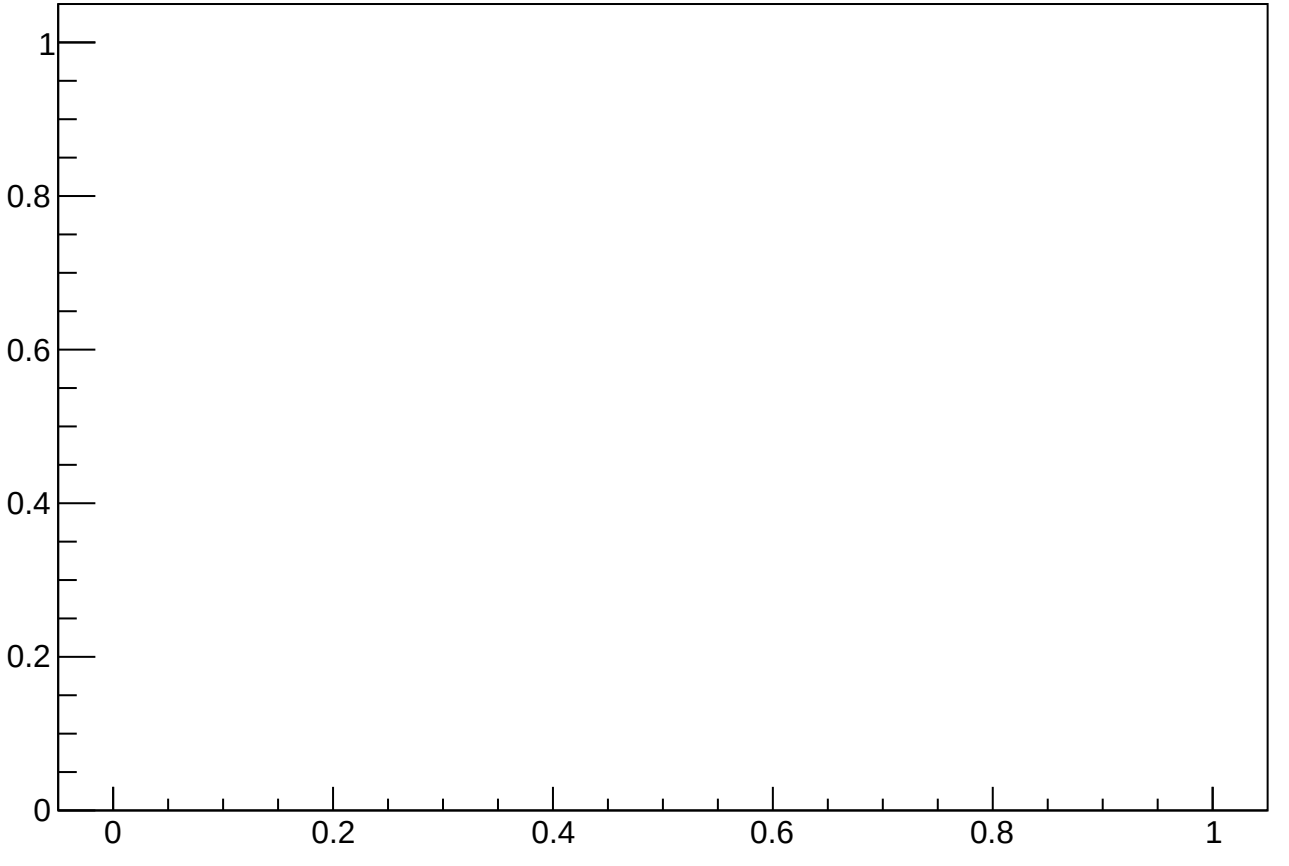
dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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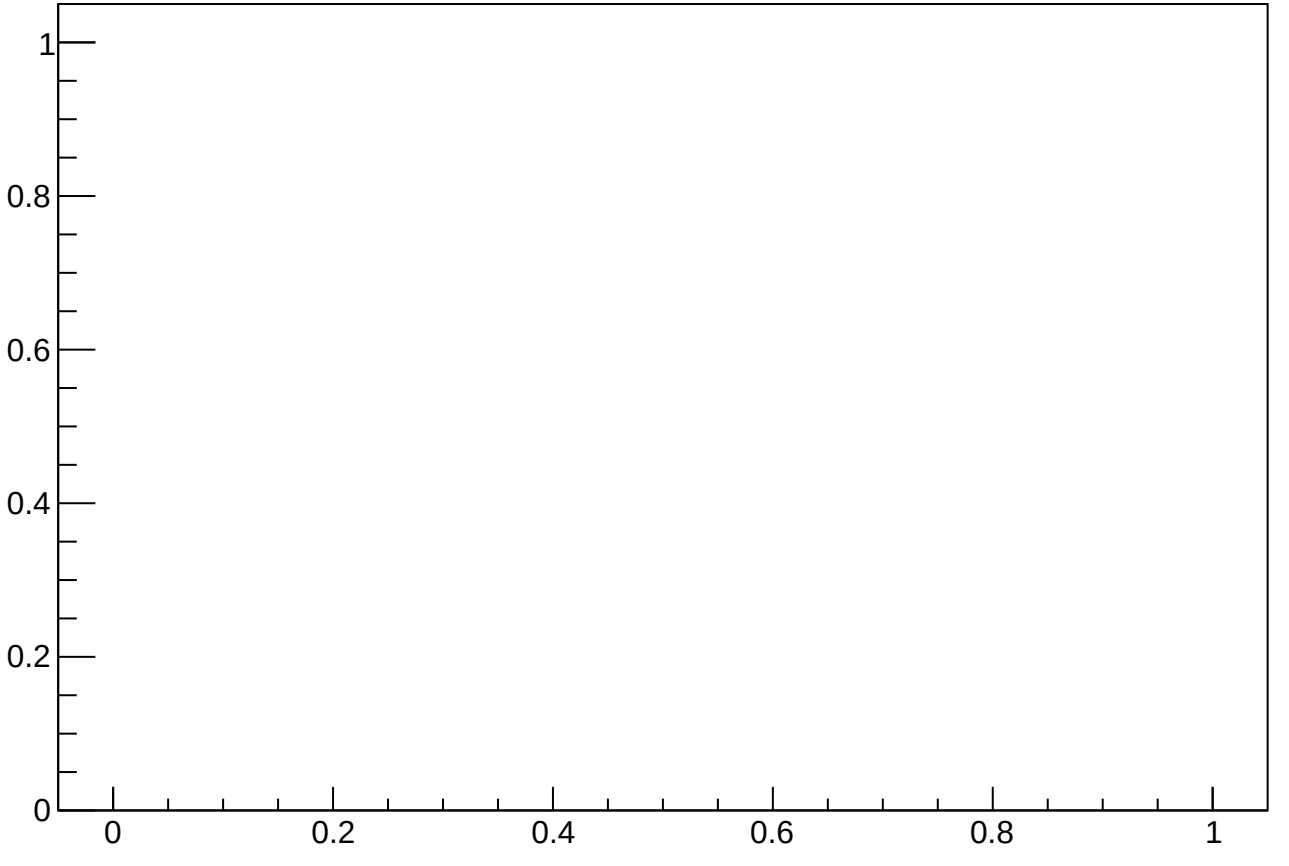
dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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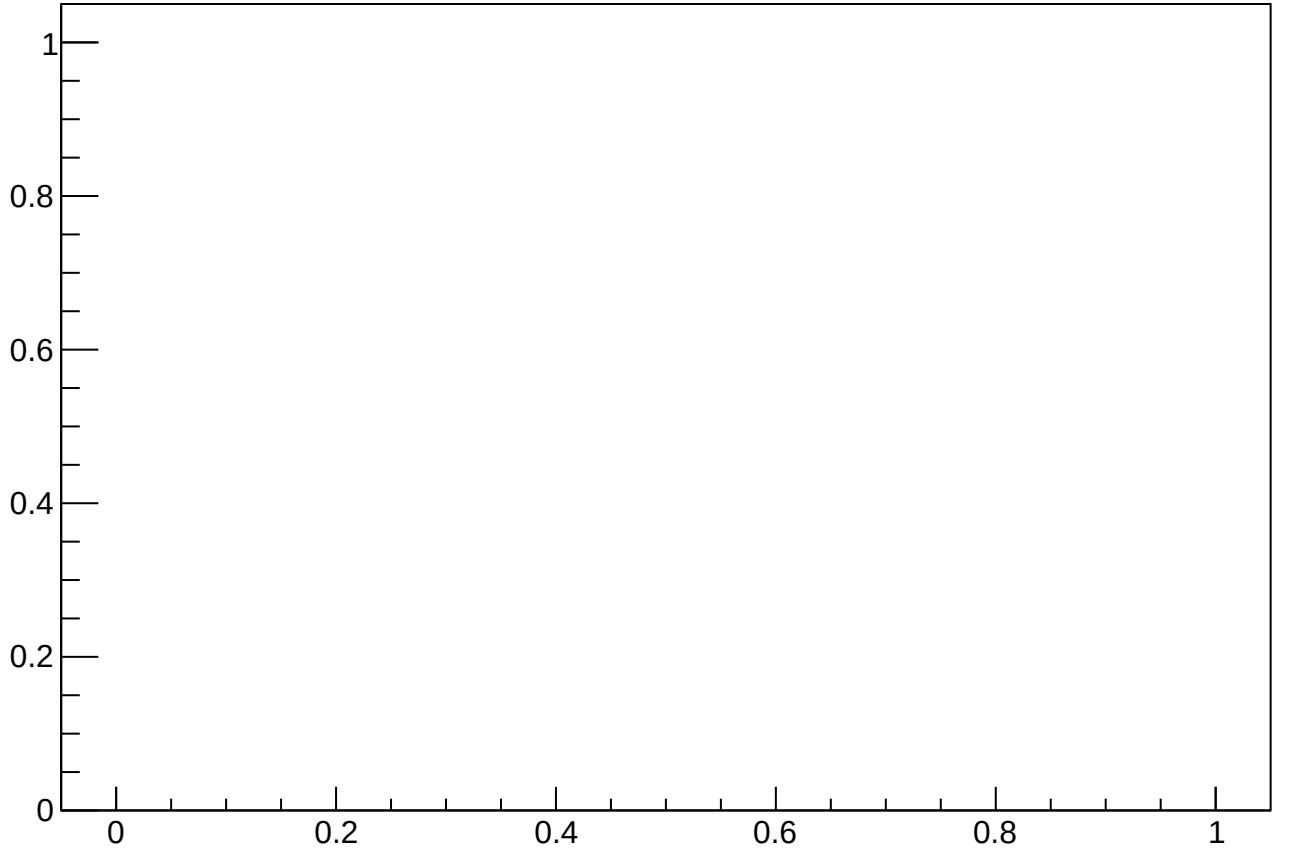
dit_4eX_coil4_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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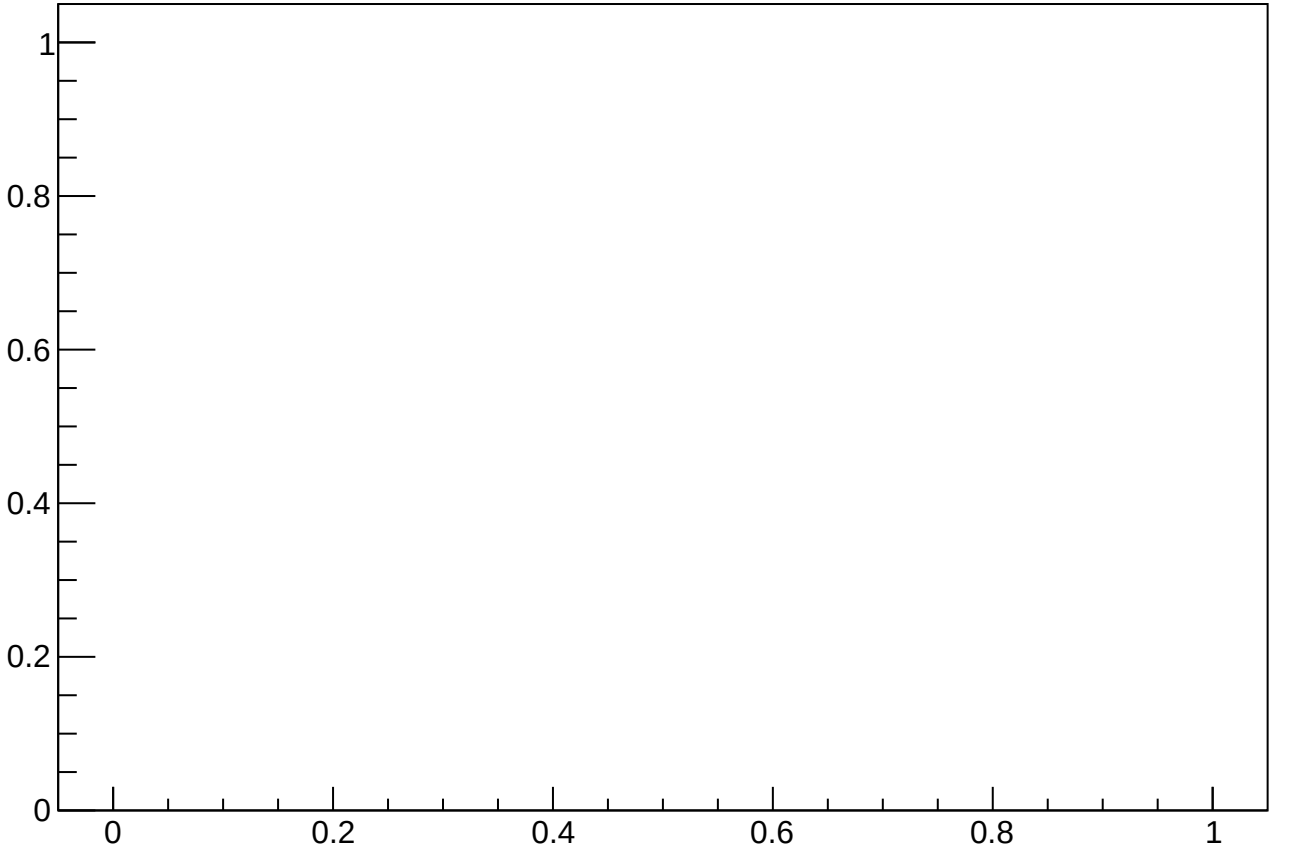
dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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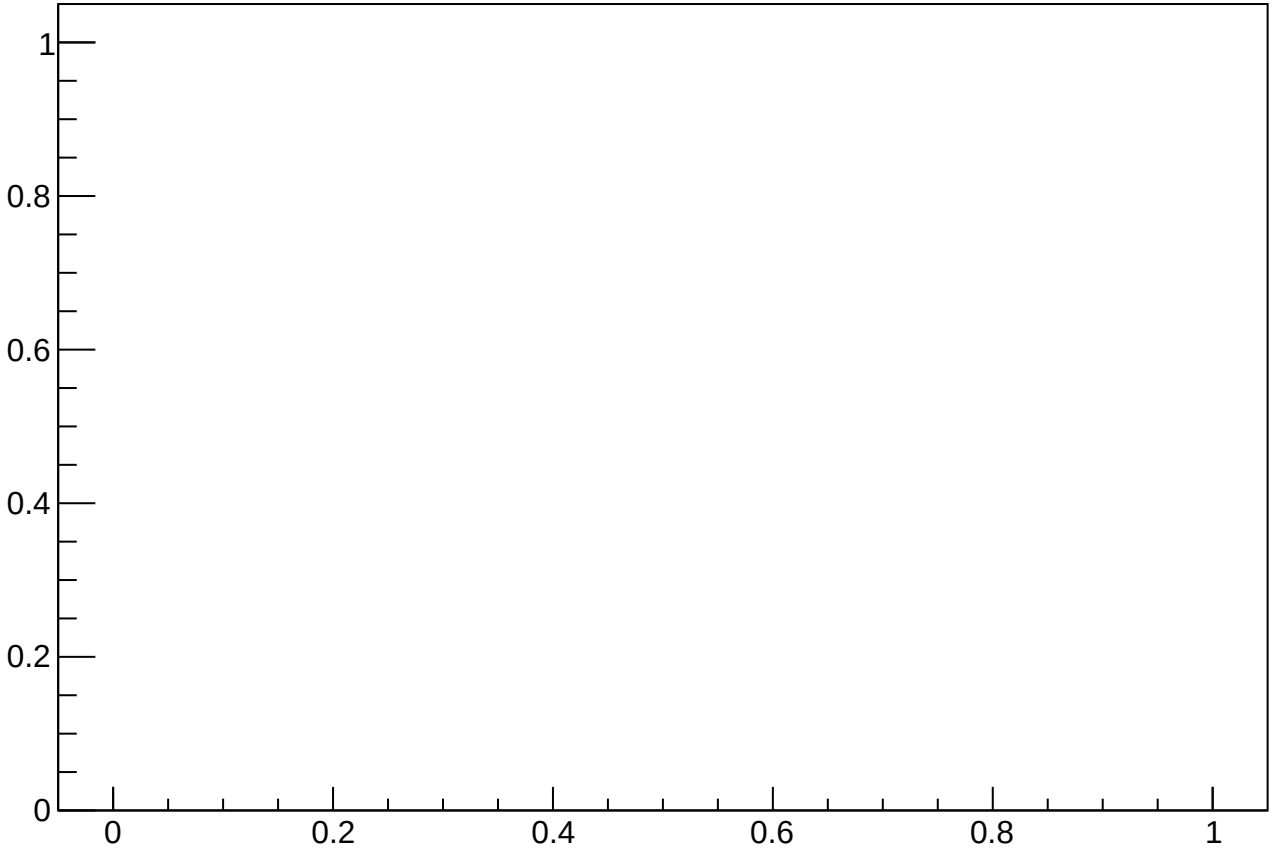
dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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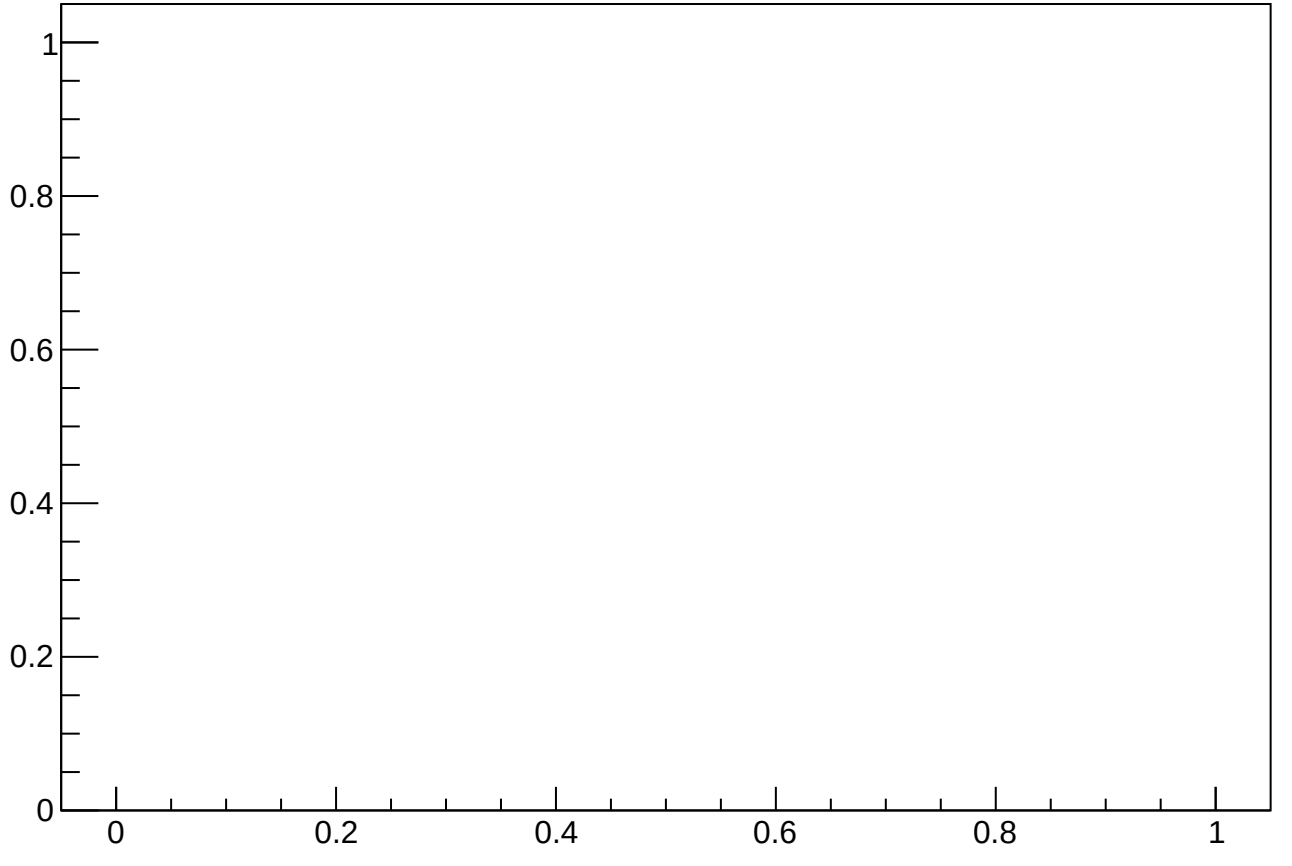
dit_11X12X_coil4_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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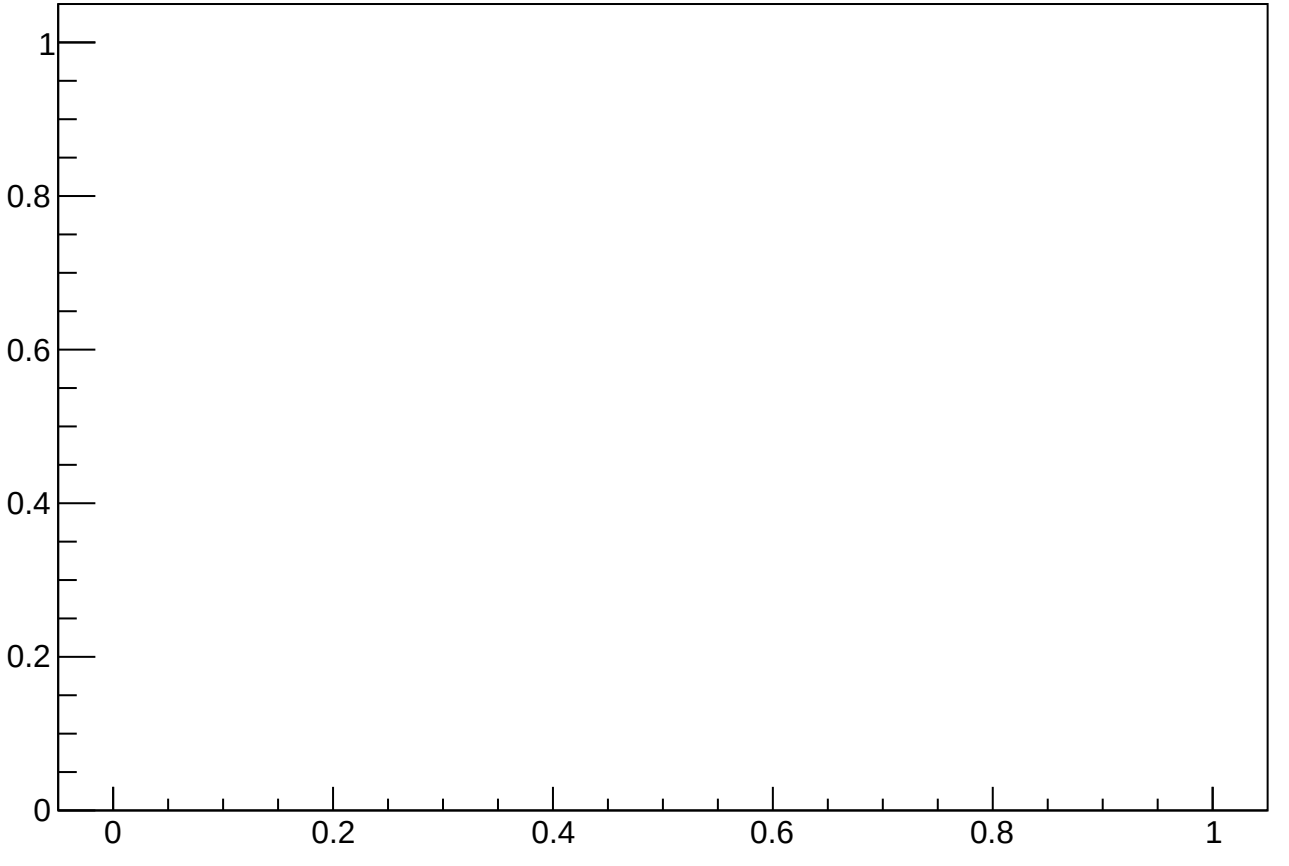
dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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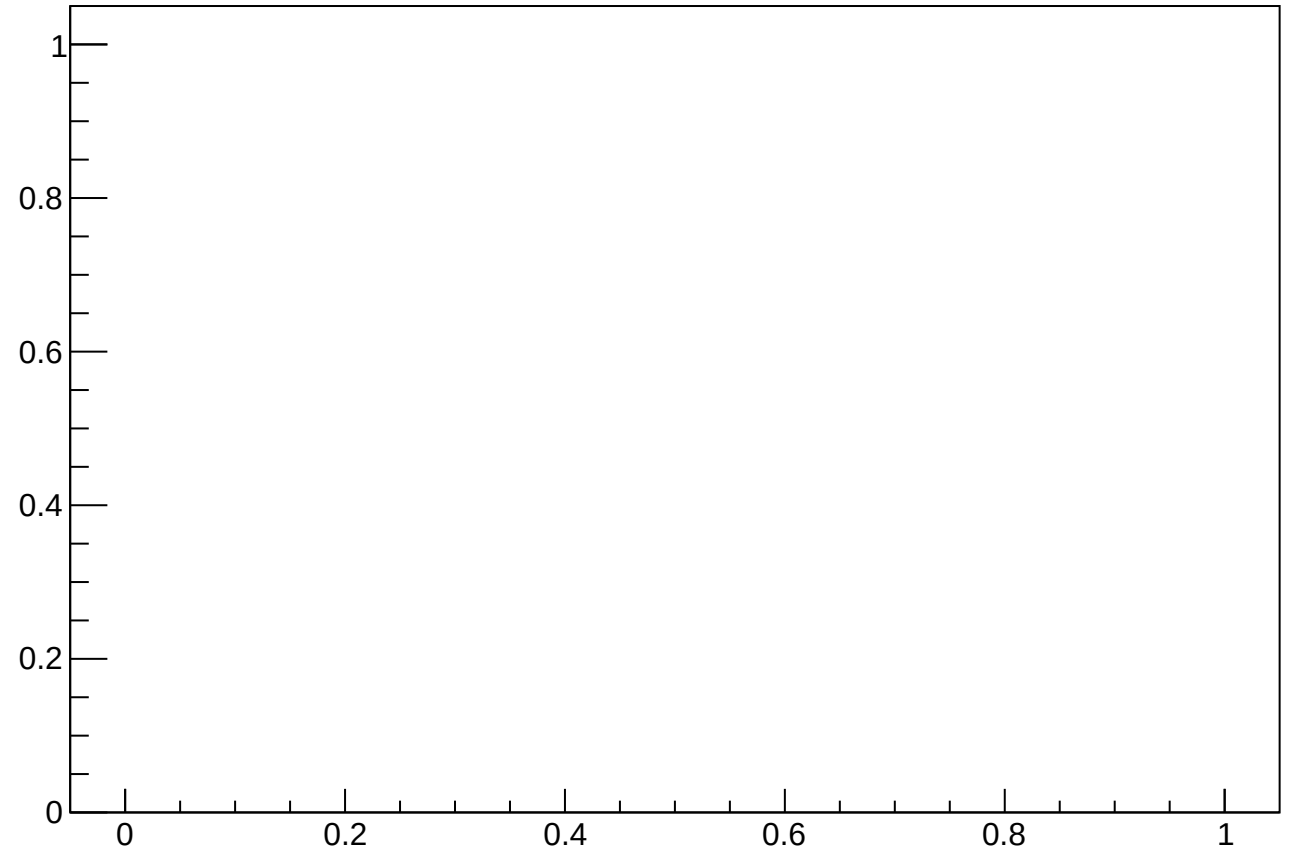

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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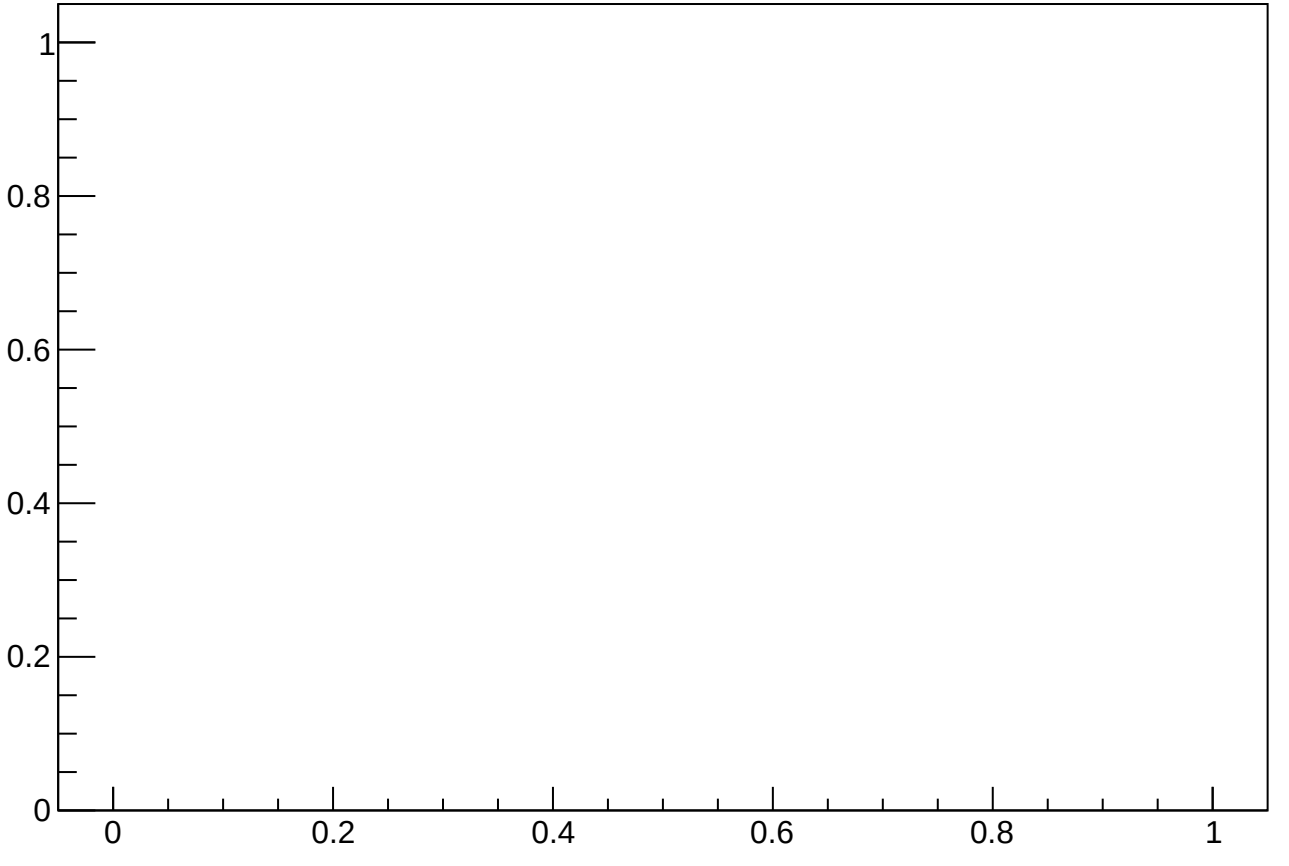
dit_4aY_coil4_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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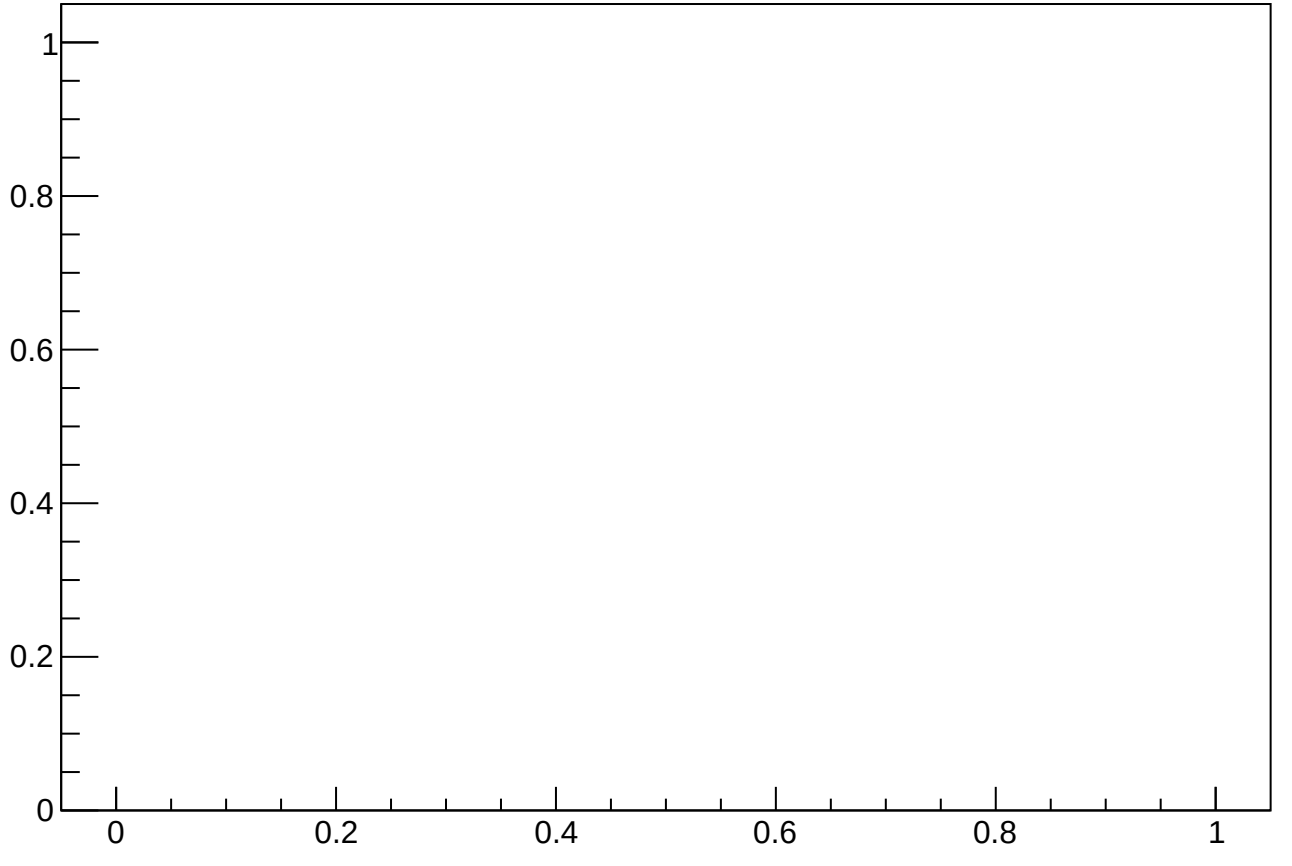
dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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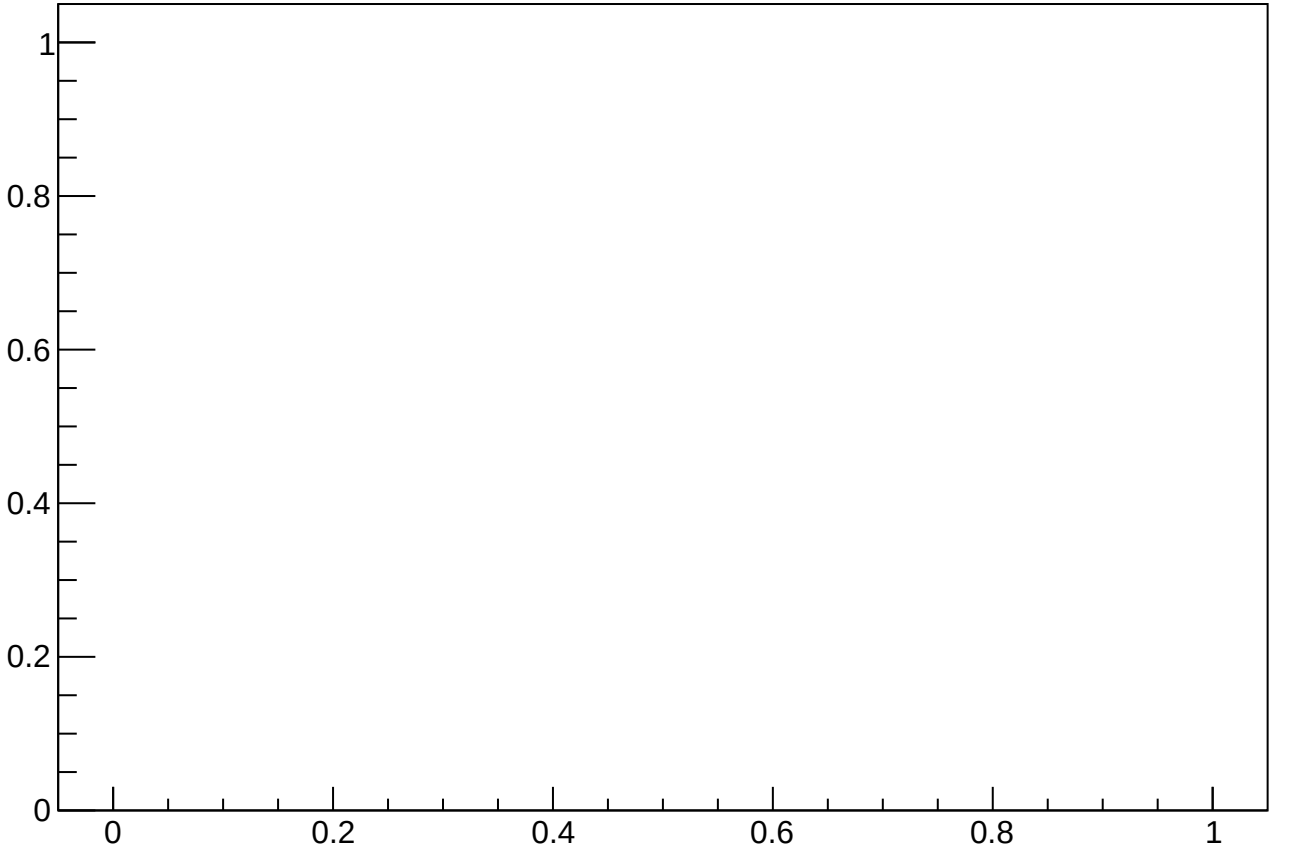
dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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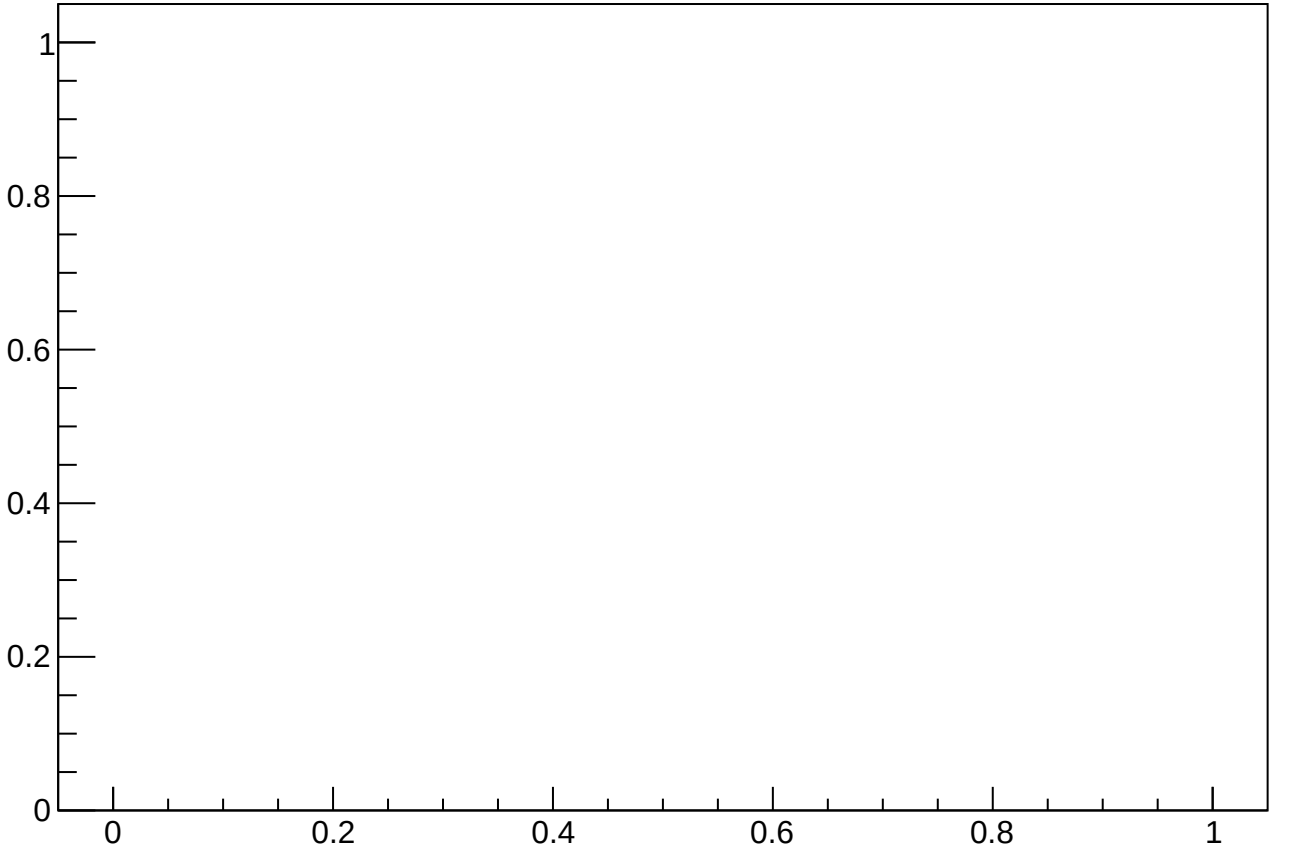
dit_4eY_coil4_mean vs Slug, Sign Corrected



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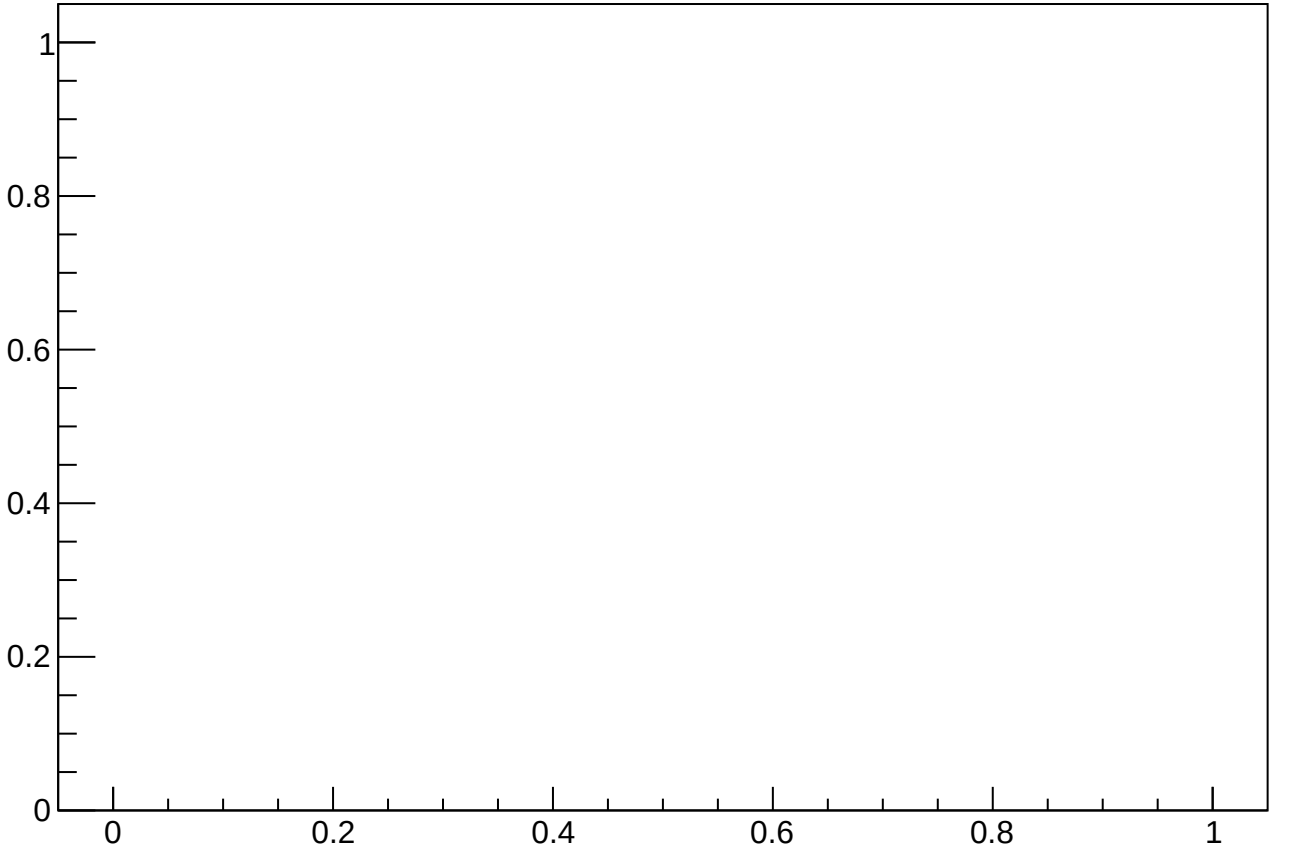
dit_4eY_coil4_err_mean vs Slug, Sign Corrected



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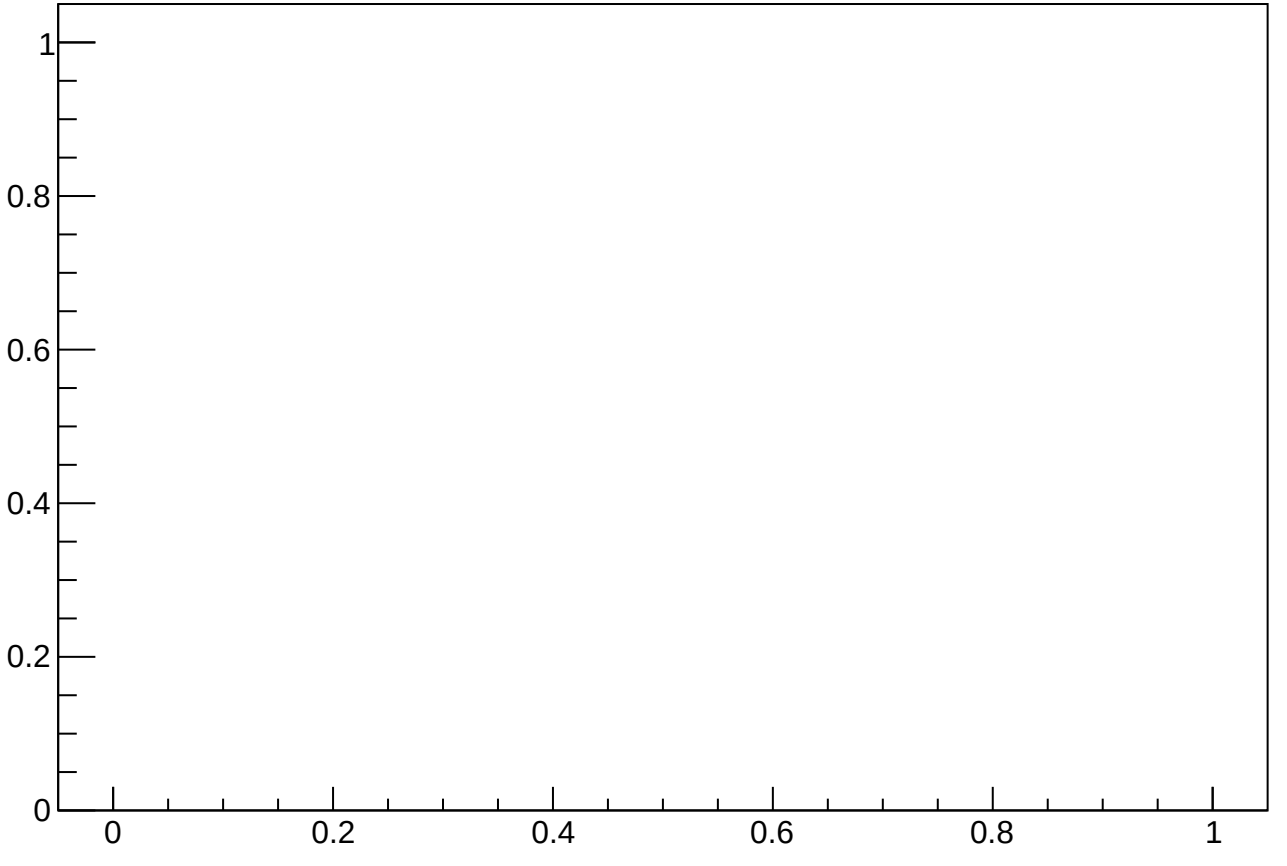
dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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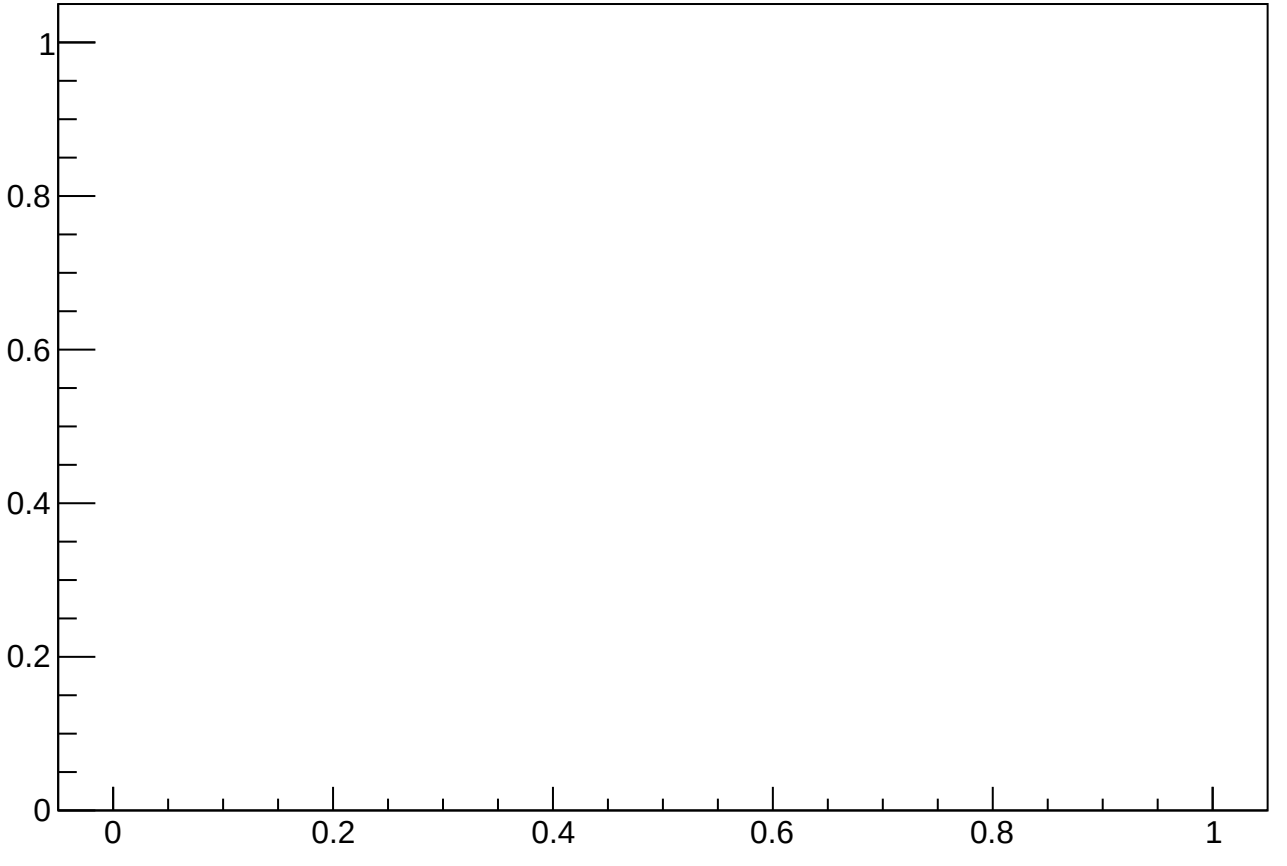
dit_usl_coil4_mean vs Slug, Sign Corrected



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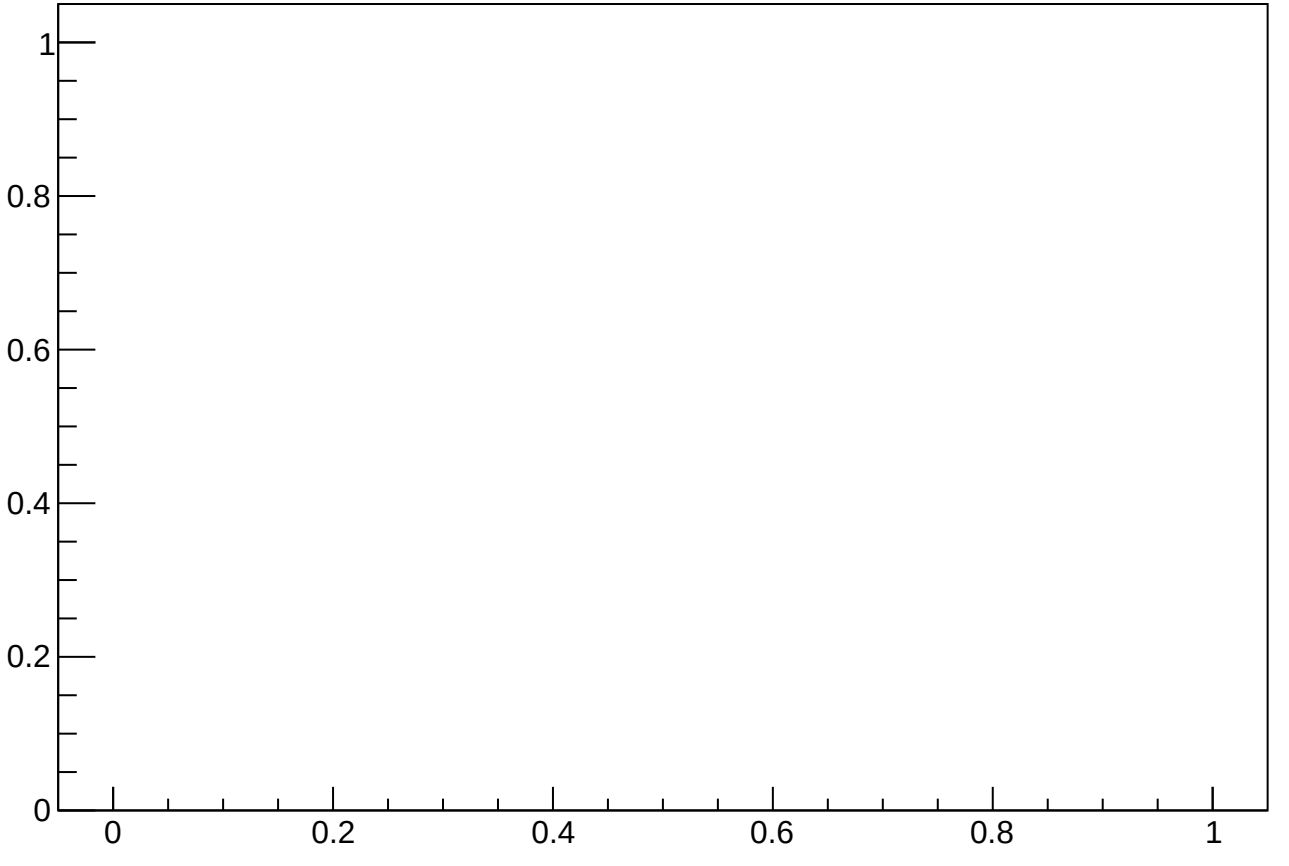
dit_usl_coil4_err_mean vs Slug, Sign Corrected



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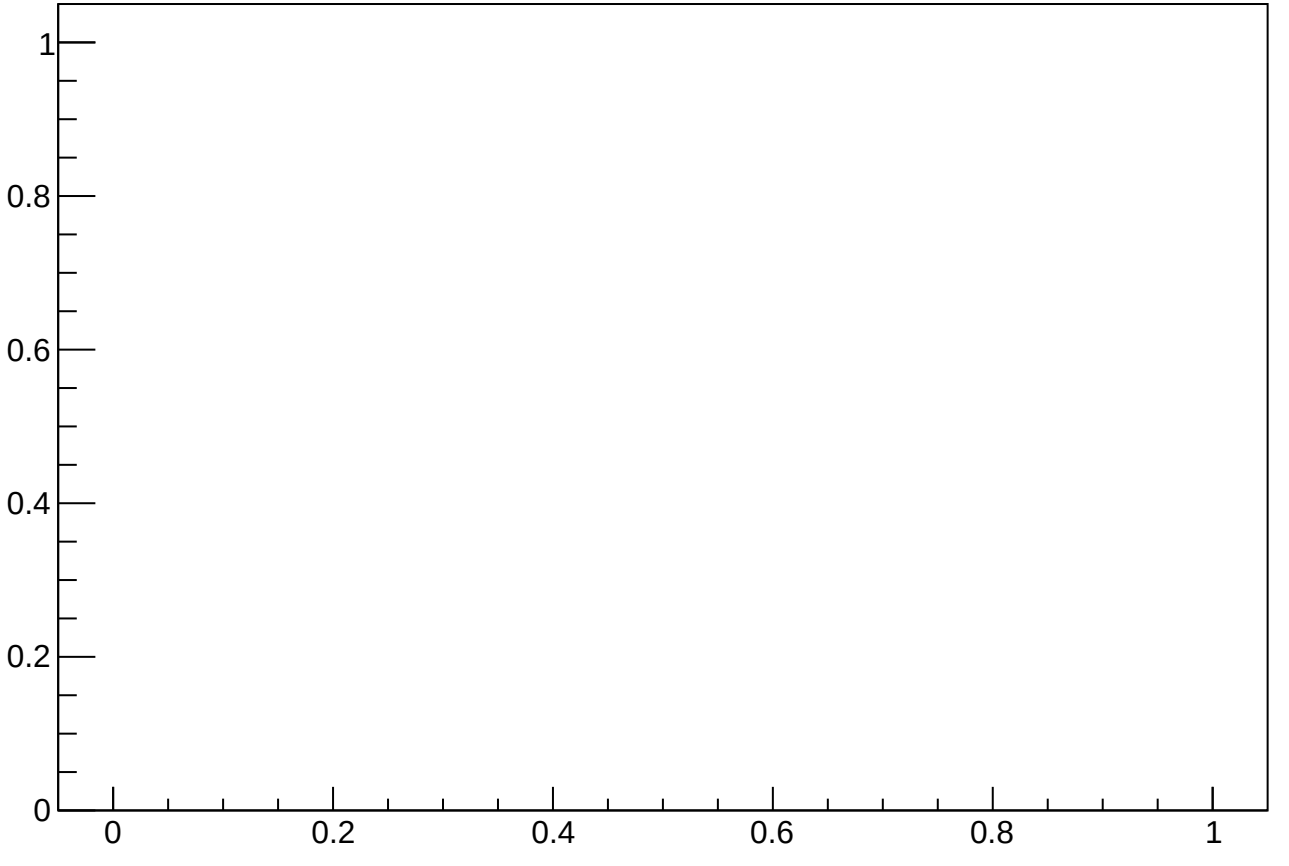
dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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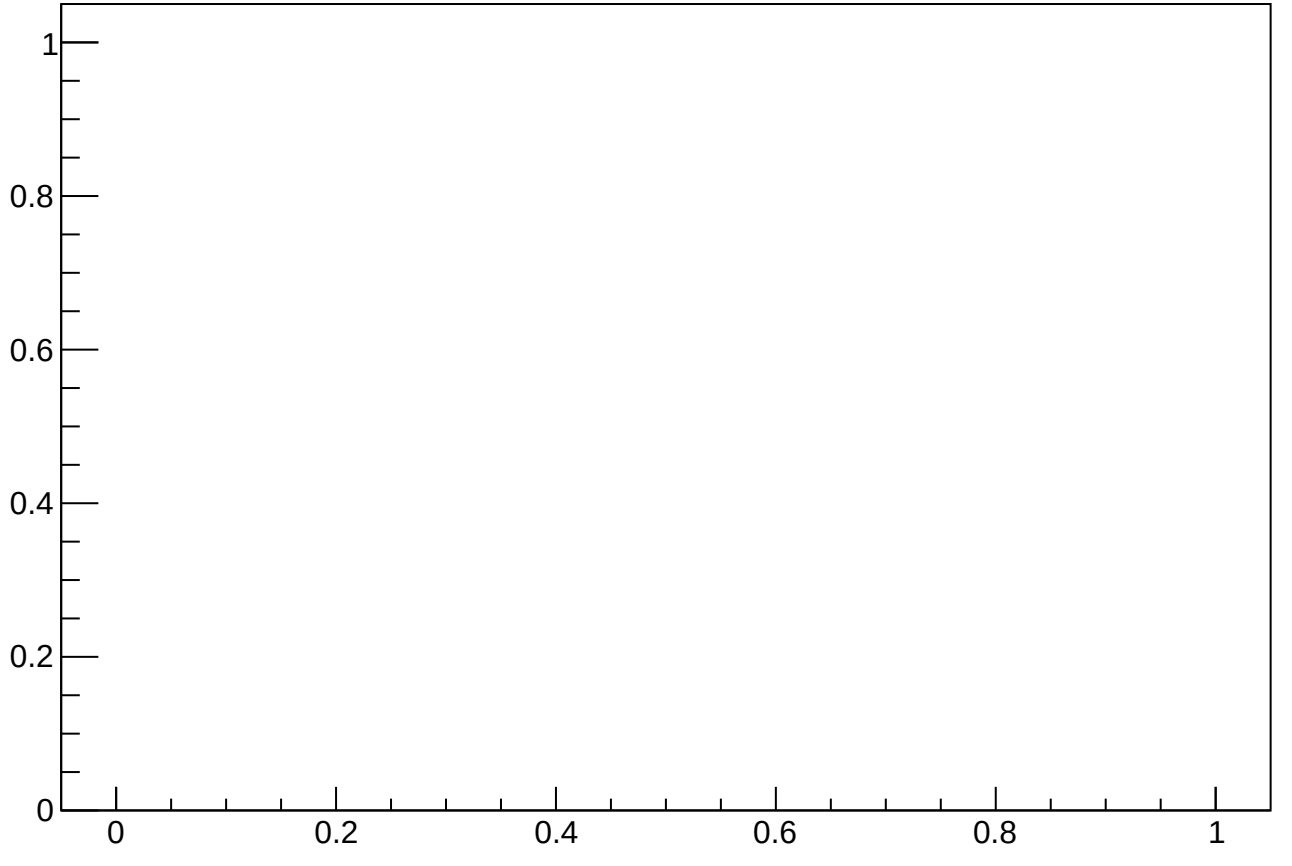
dit_usr_coil4_mean vs Slug, Sign Corrected



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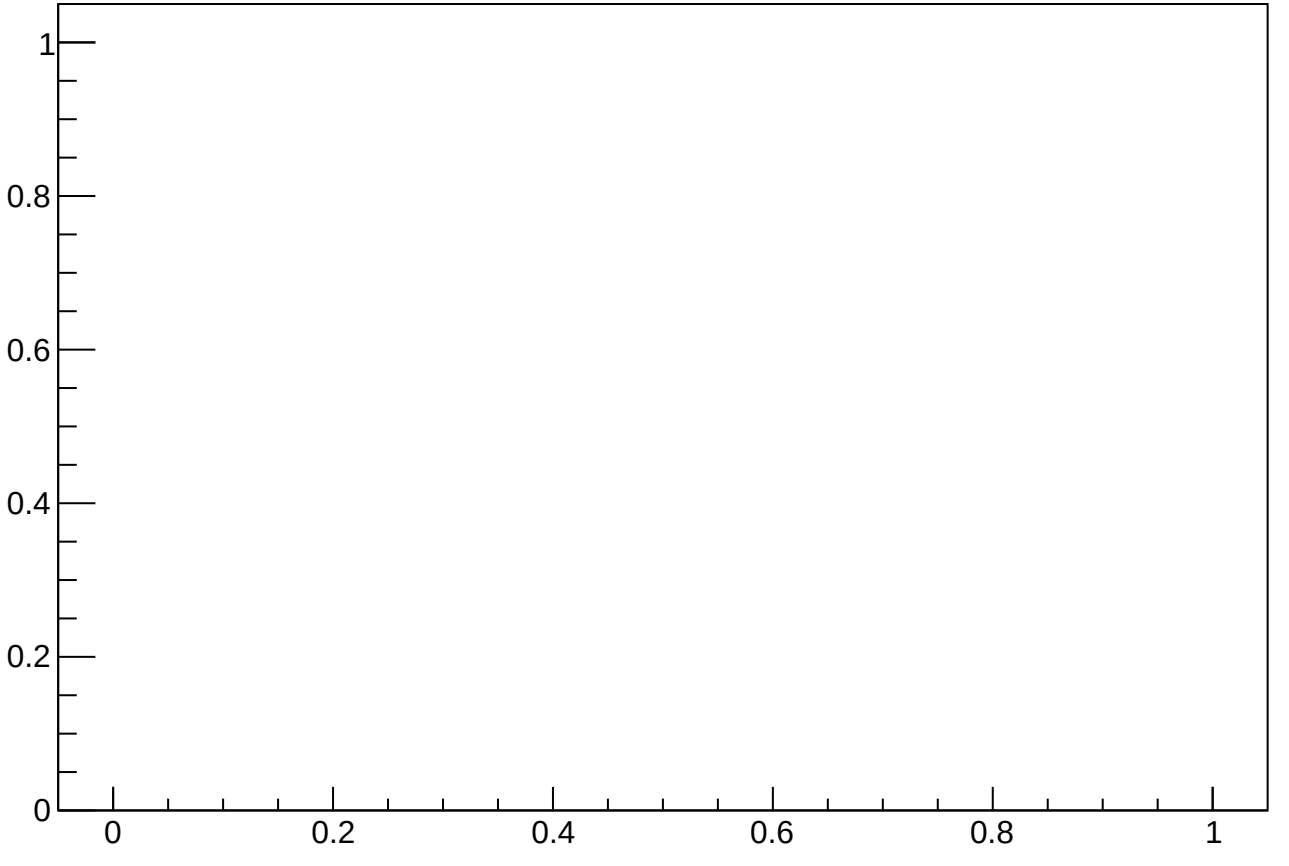
dit_usr_coil4_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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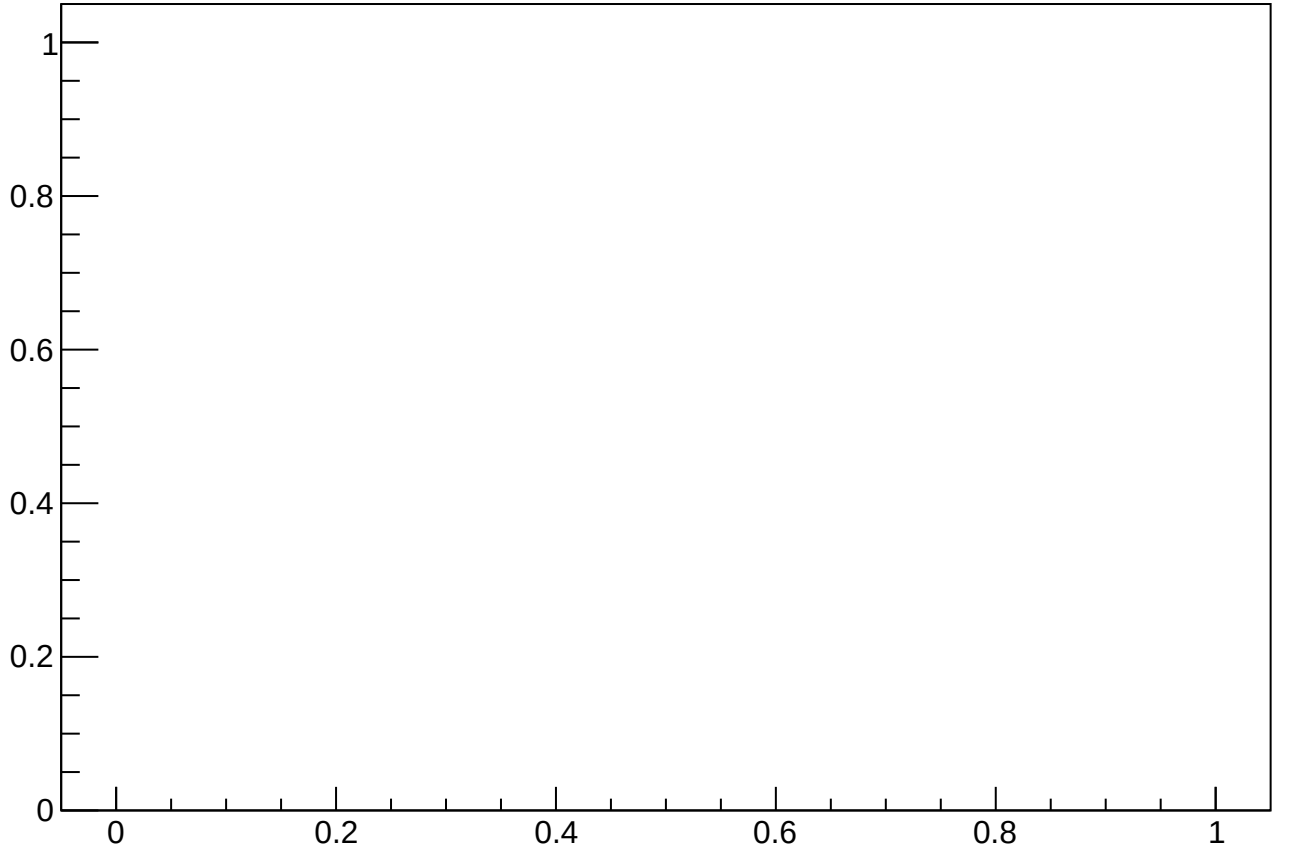
dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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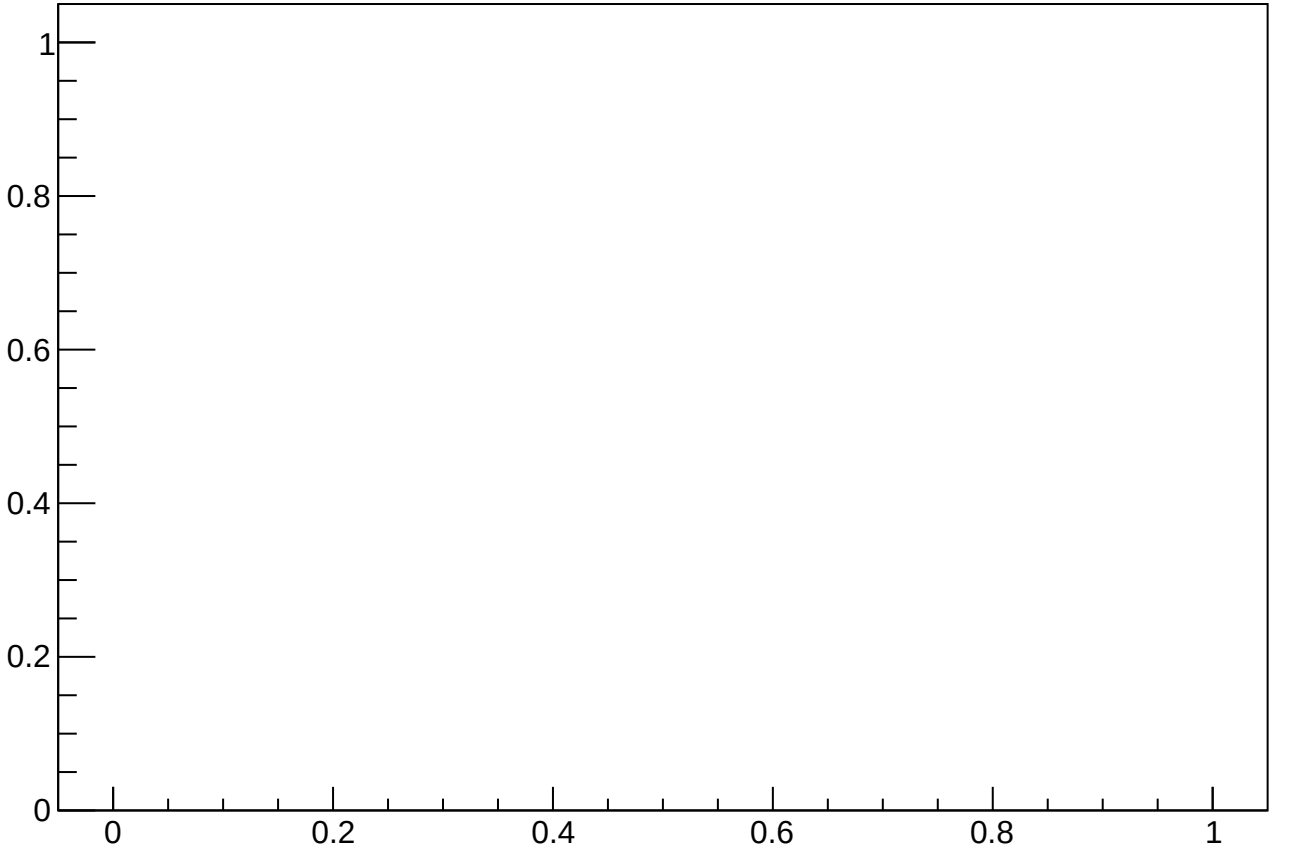
dit_atl1_coil4_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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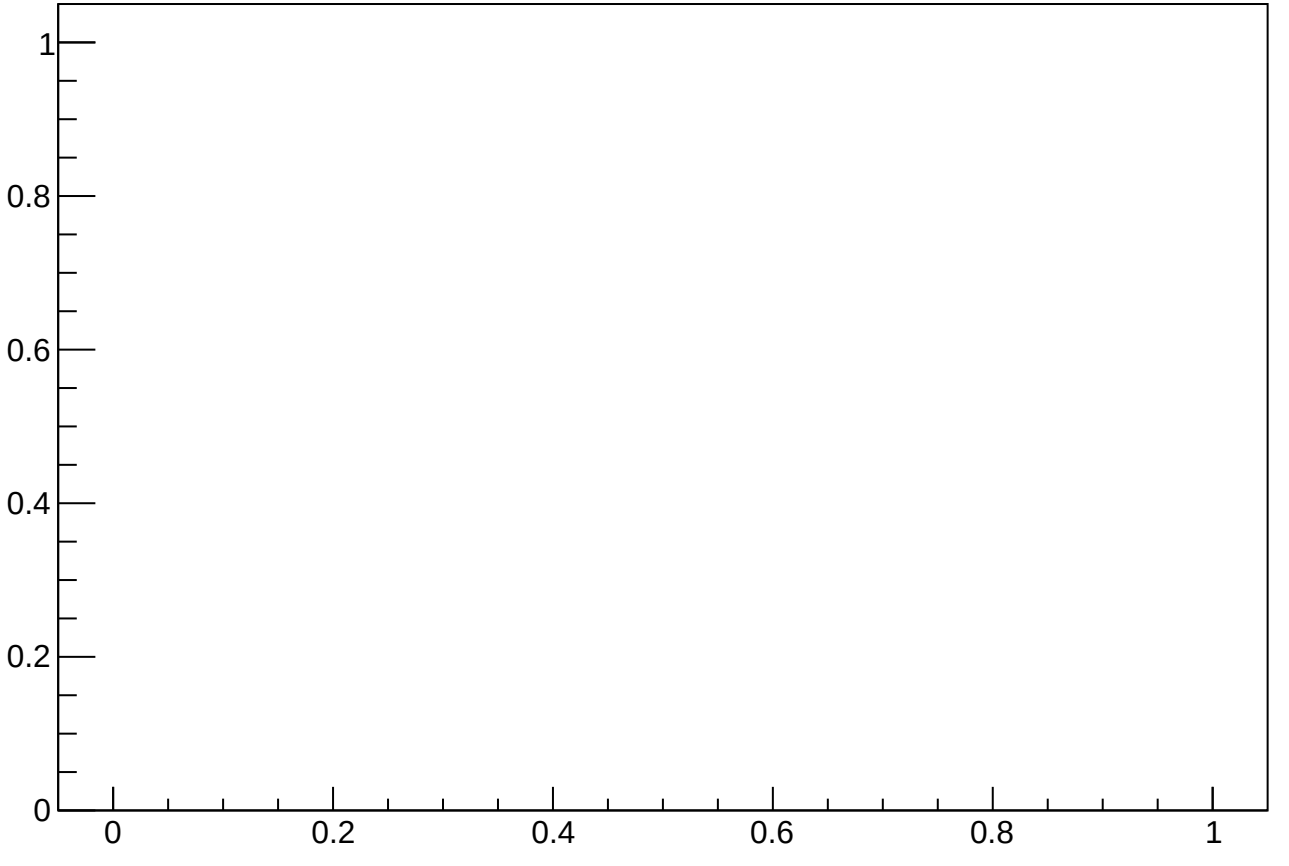
dit_atl1_coil4_err_mean vs Slug, Sign Corrected



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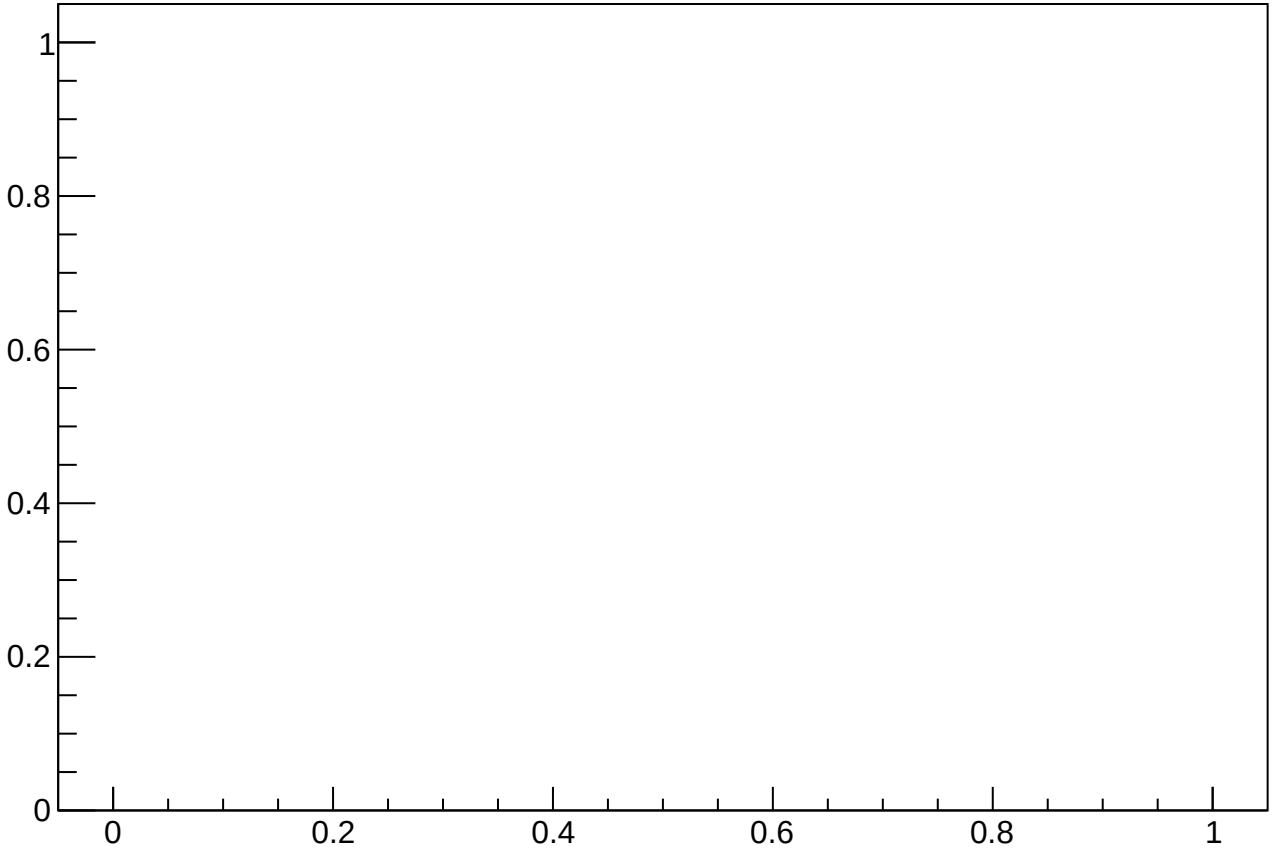
dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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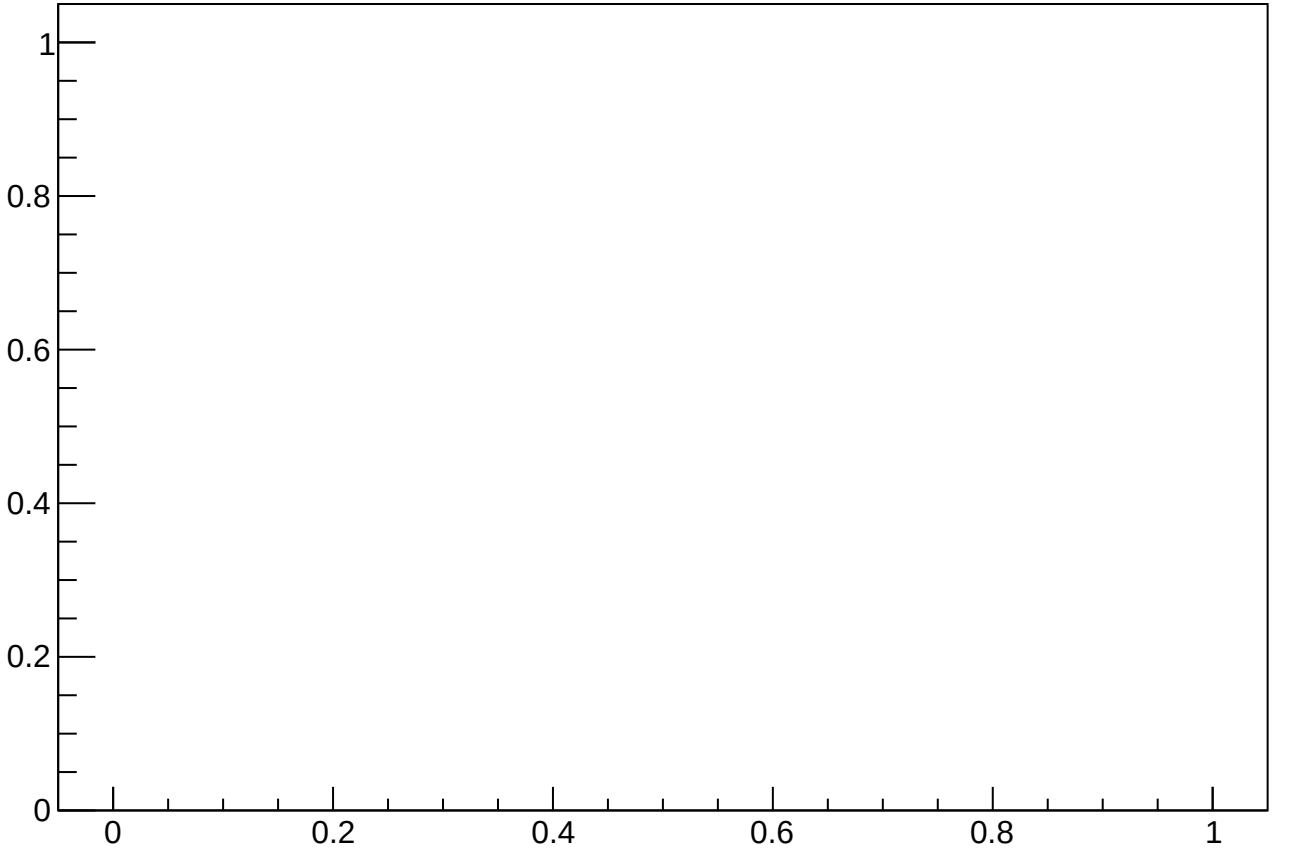
dit_atl2_coil4_mean vs Slug, Sign Corrected



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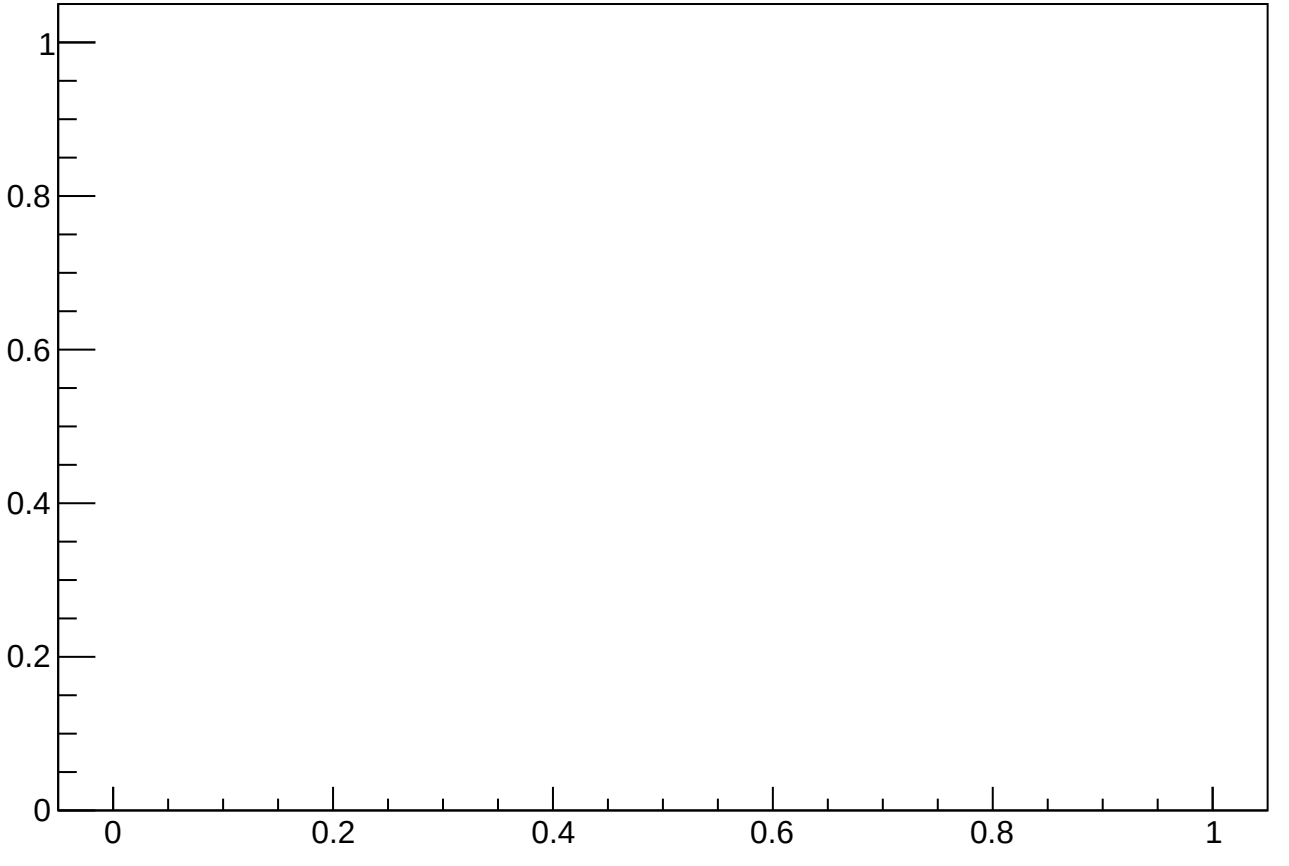
dit_atl2_coil4_err_mean vs Slug, Sign Corrected



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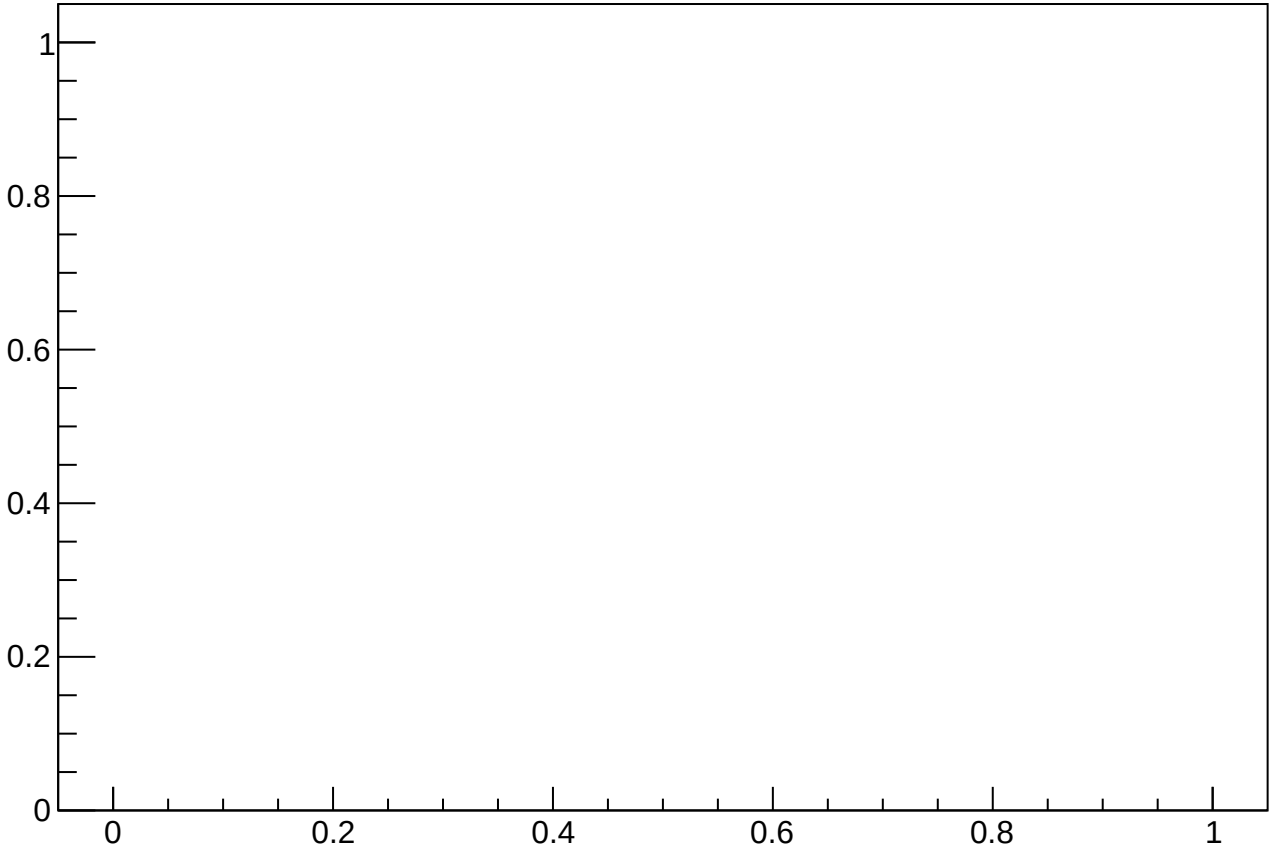
dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



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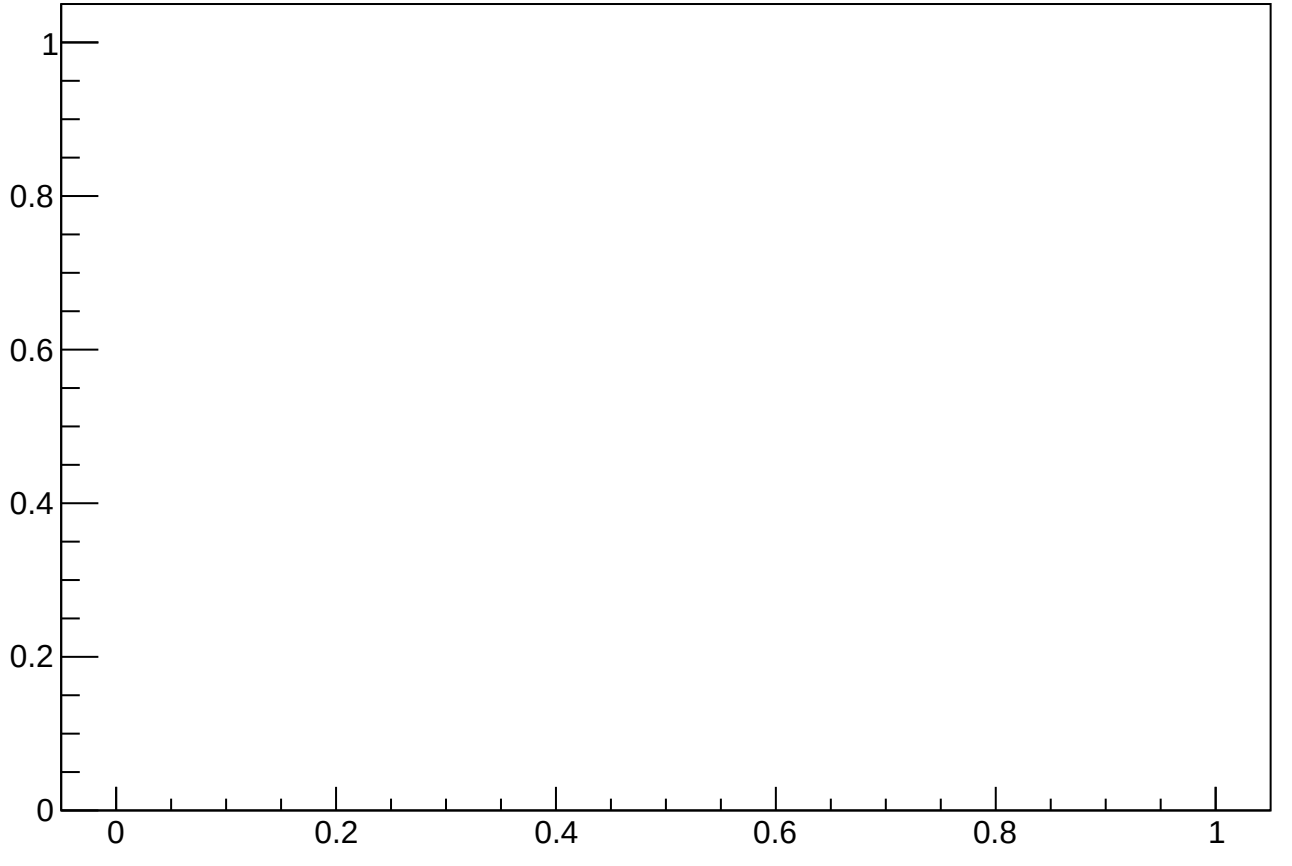
dit_atr1_coil4_mean vs Slug, Sign Corrected



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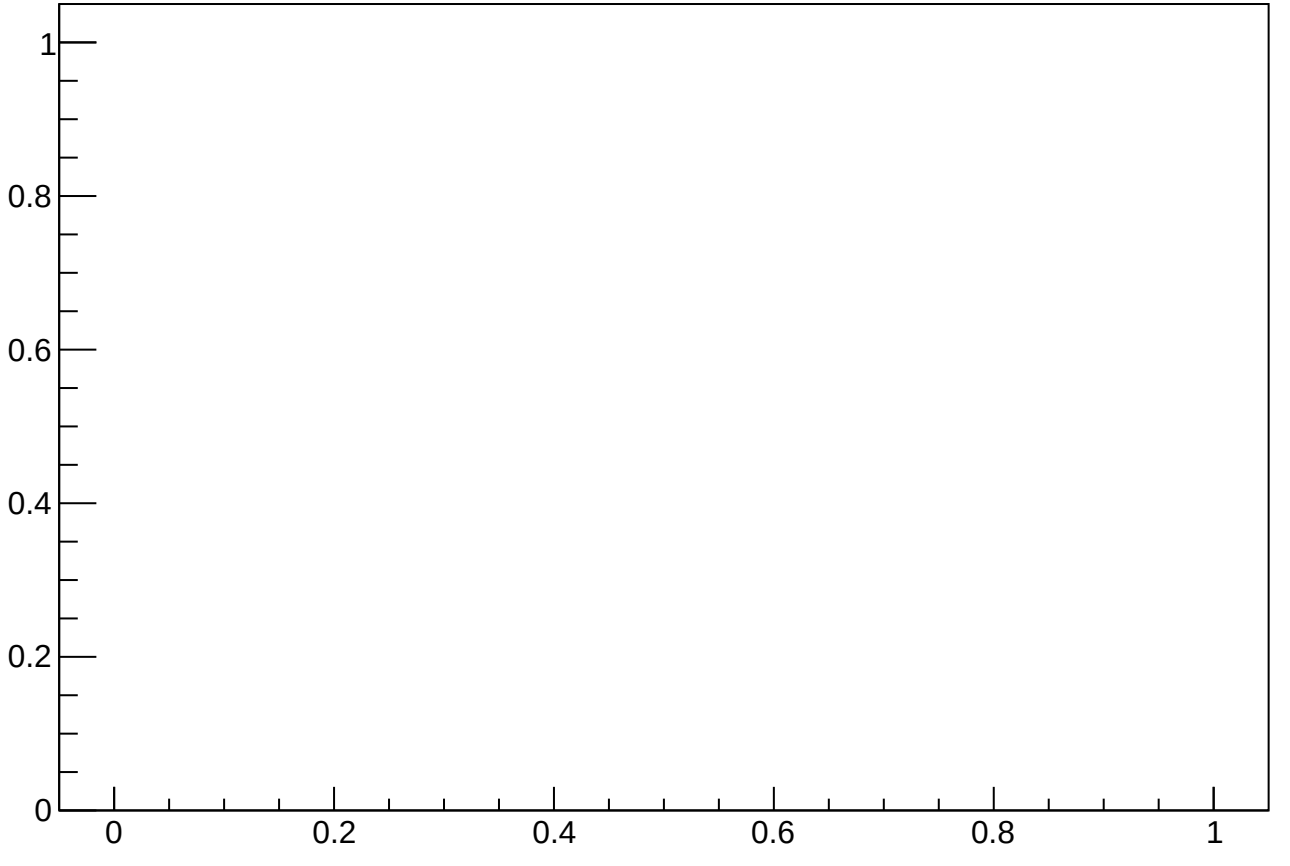
dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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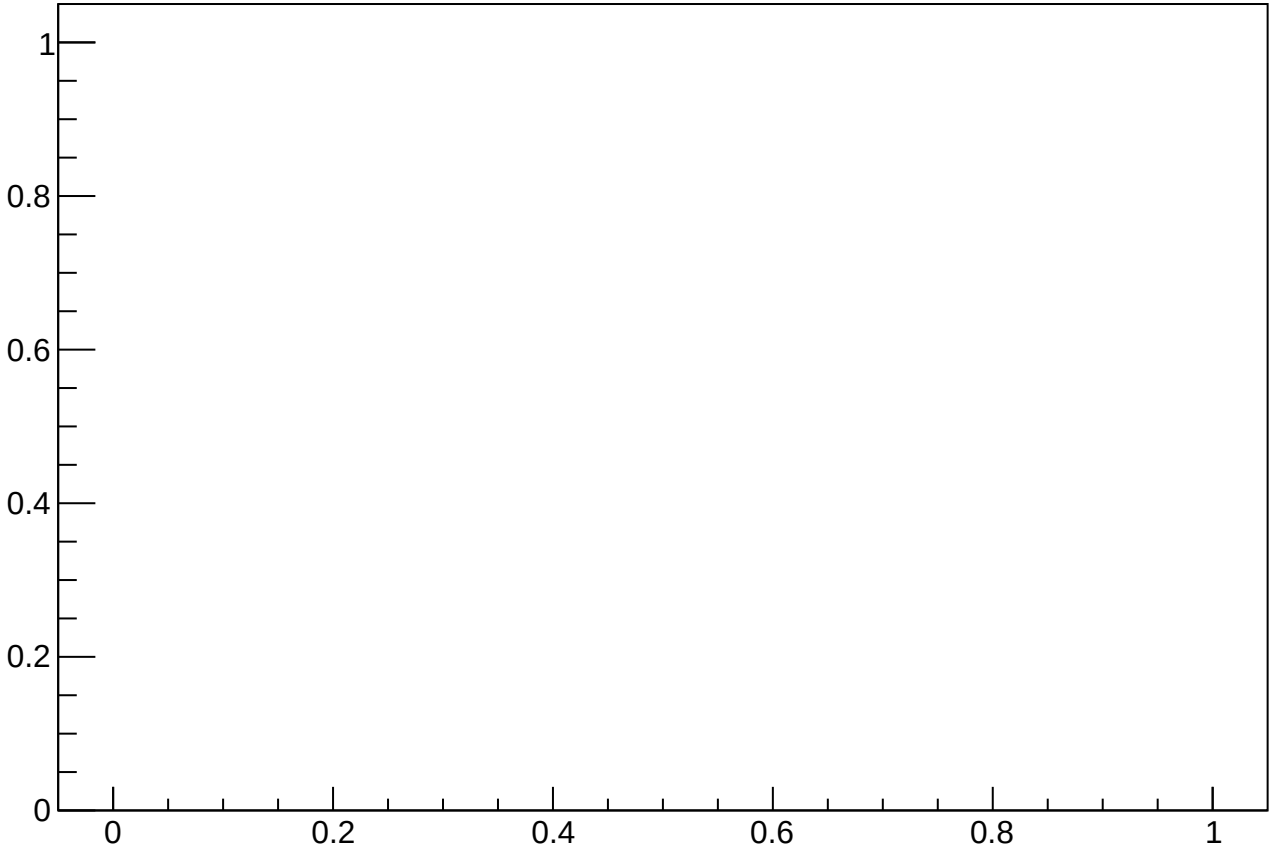
dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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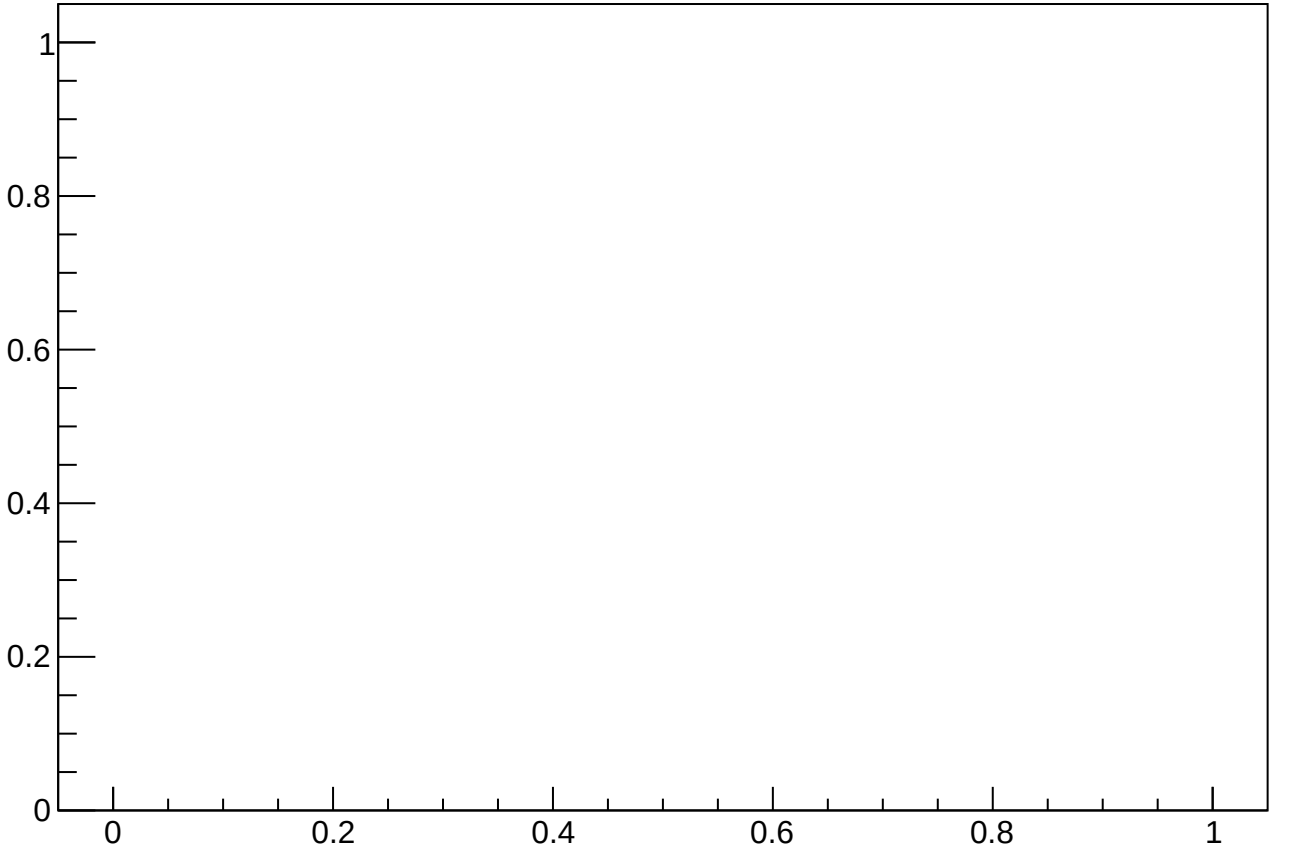
dit_atr2_coil4_mean vs Slug, Sign Corrected



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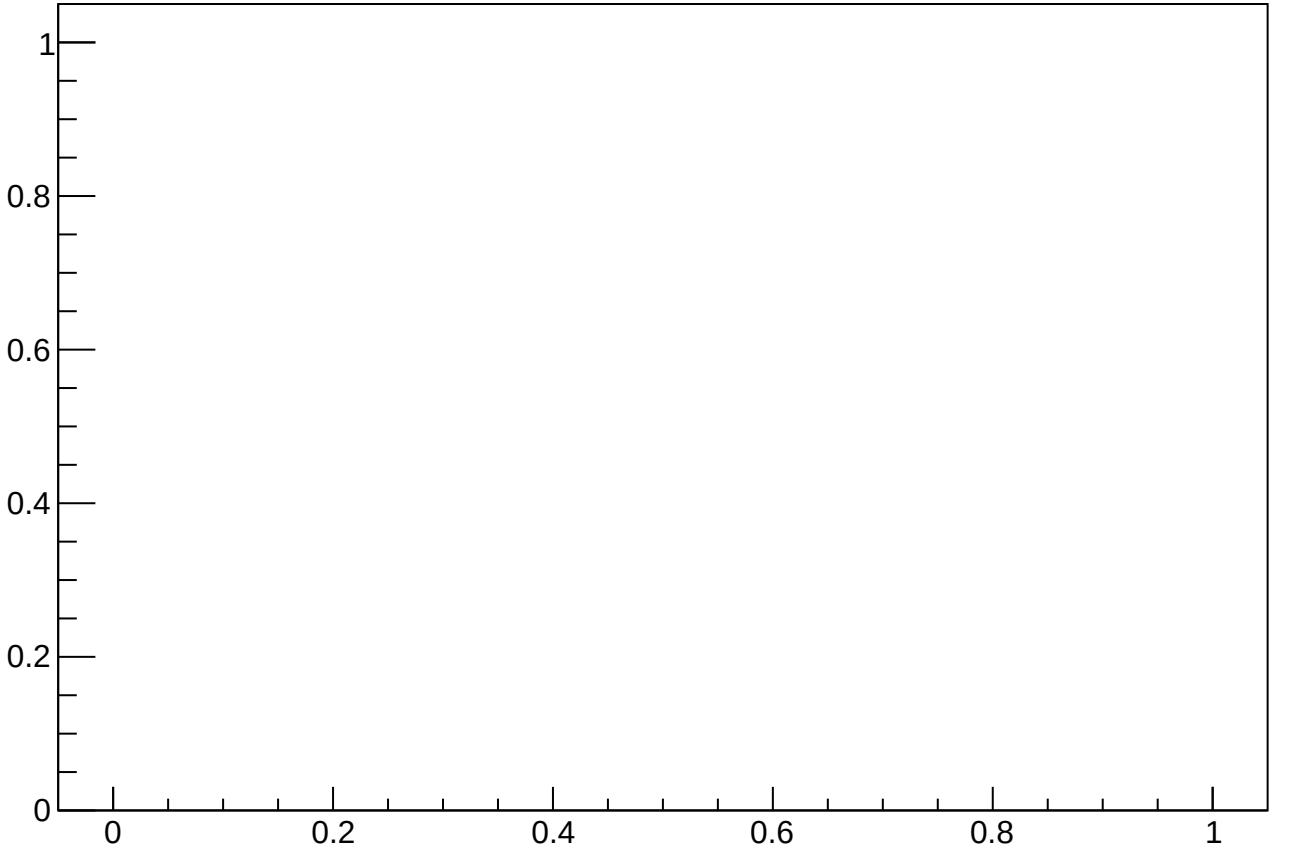
dit_atr2_coil4_err_mean vs Slug, Sign Corrected



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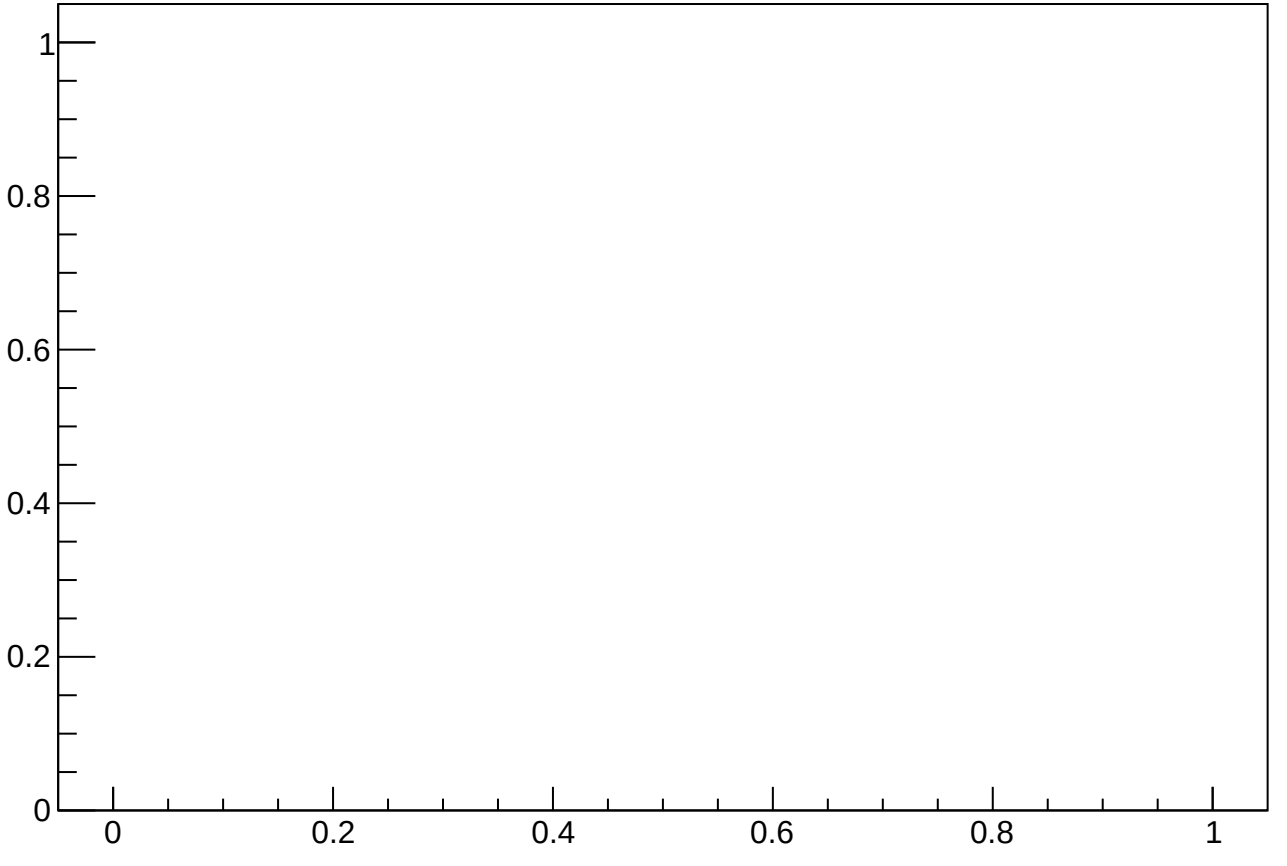
dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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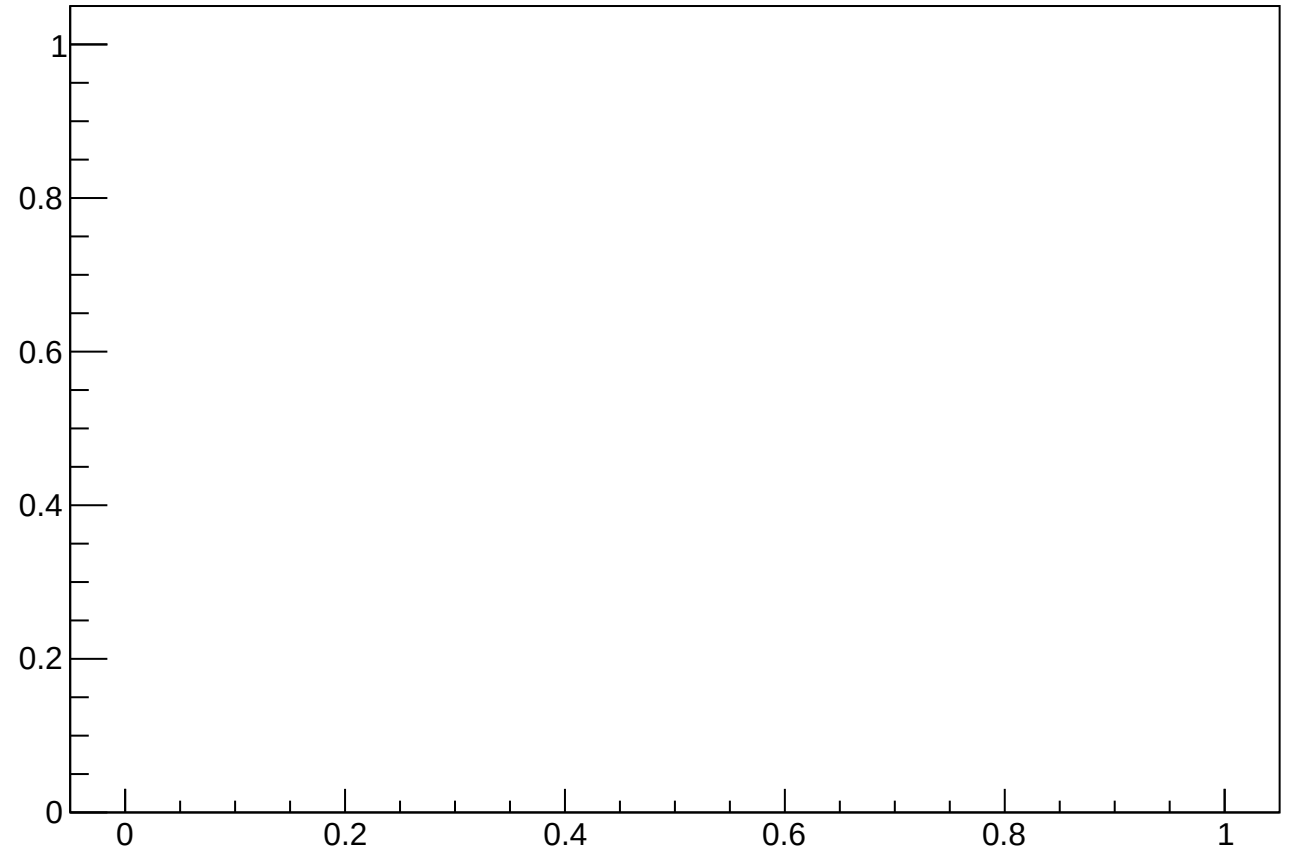

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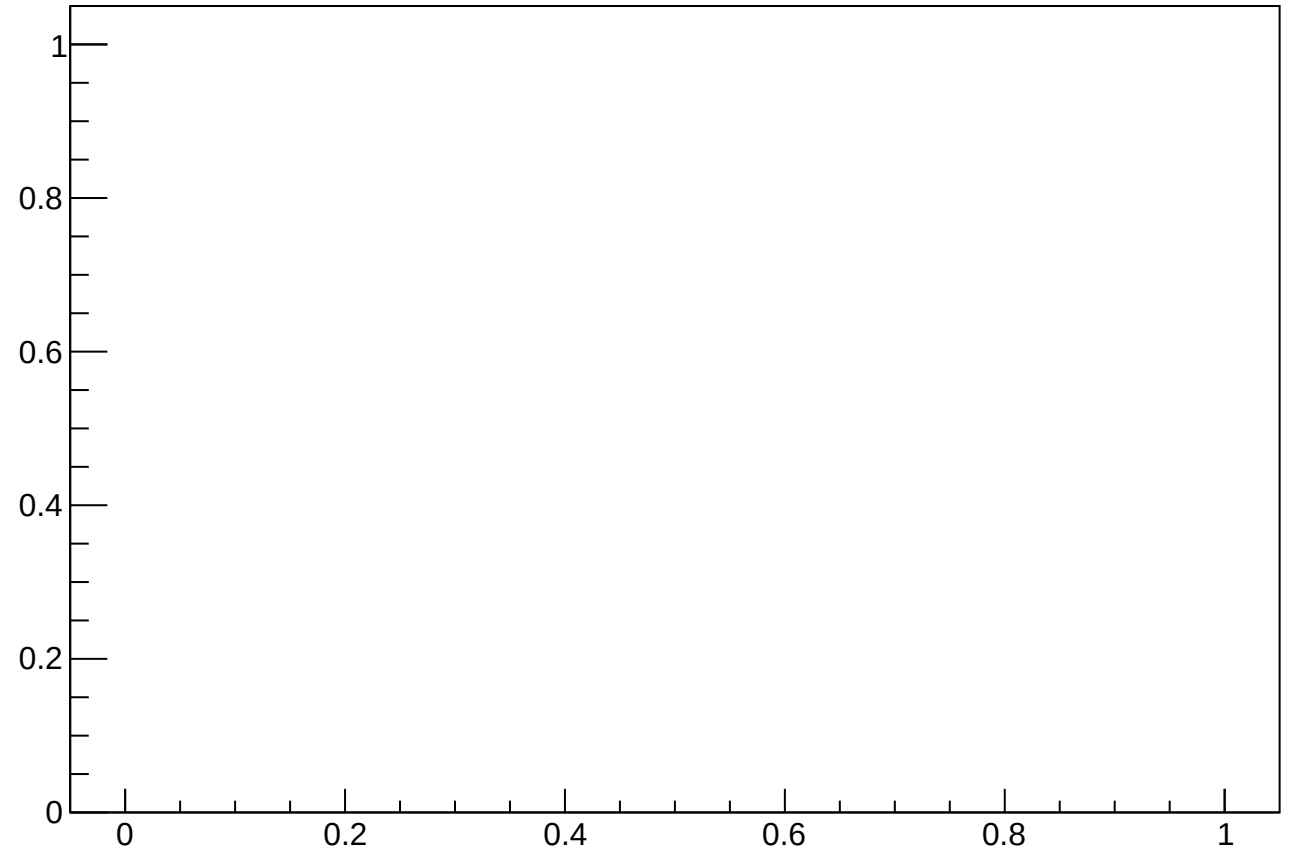

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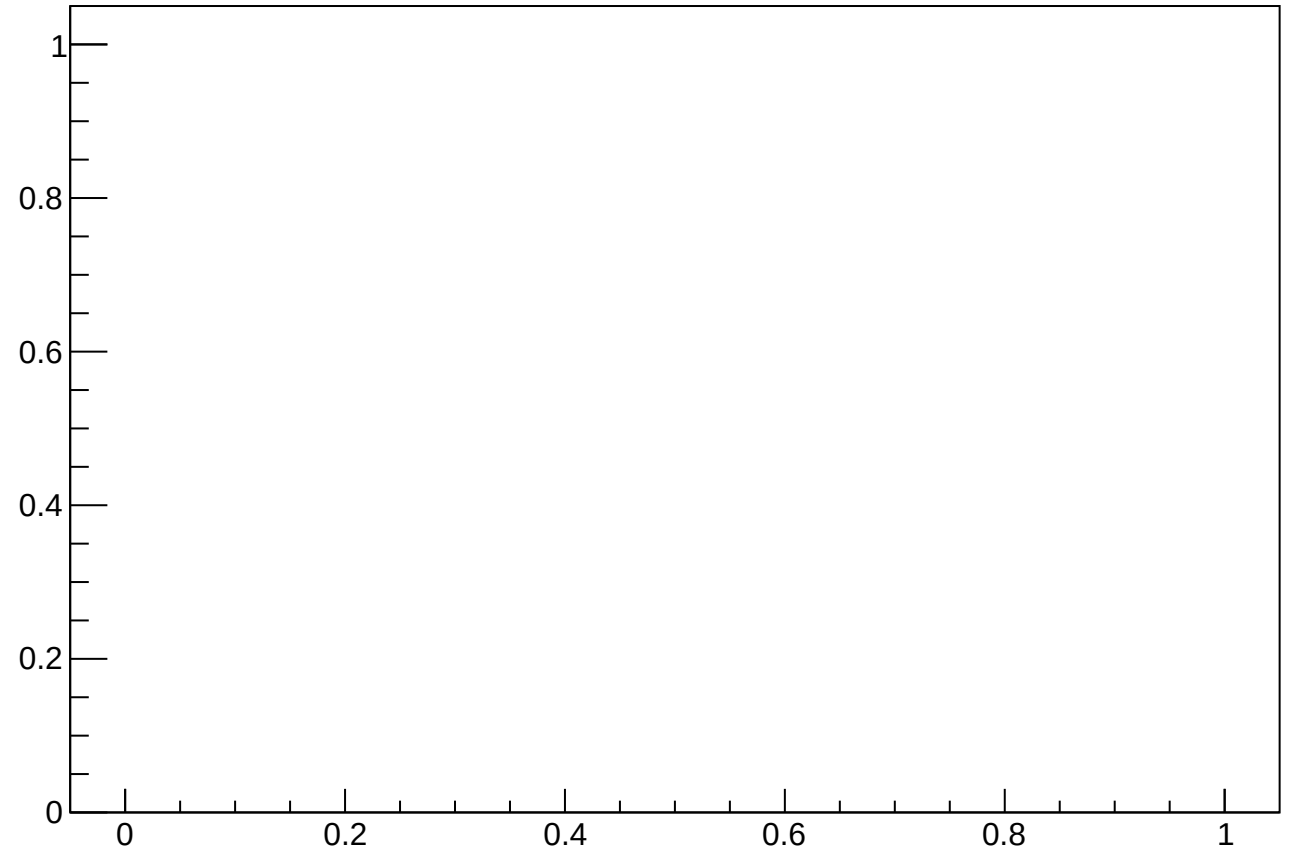

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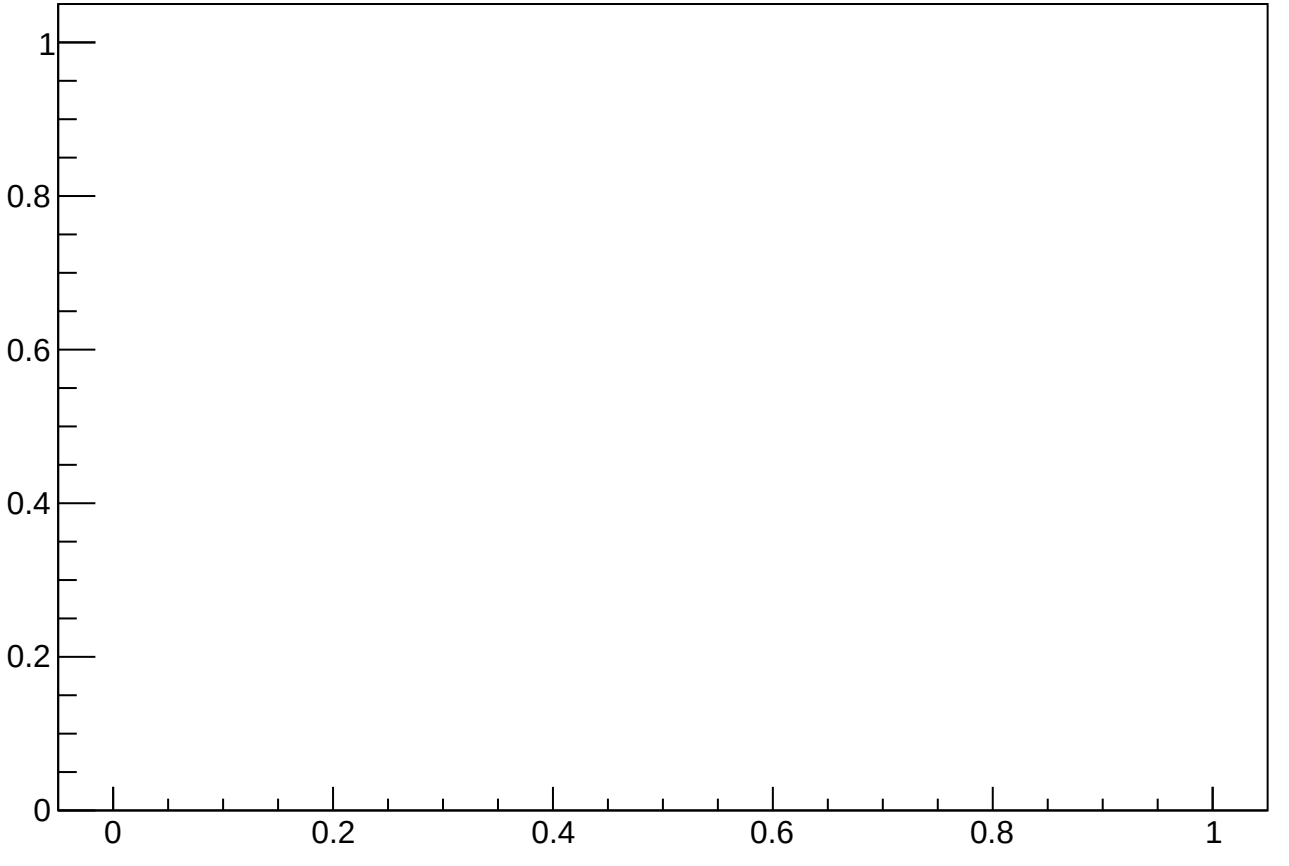
dit_sam2_coil4_mean vs Slug, Sign Corrected



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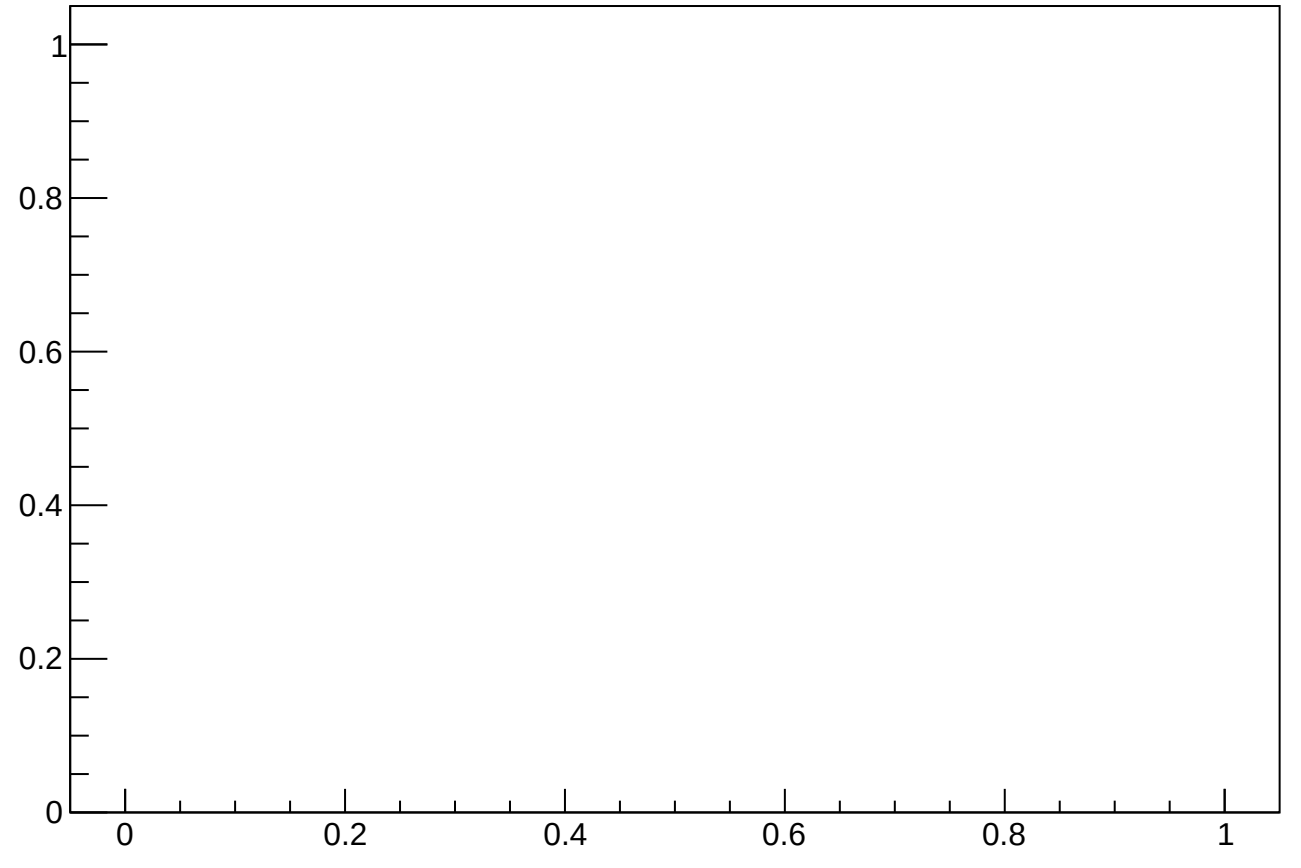

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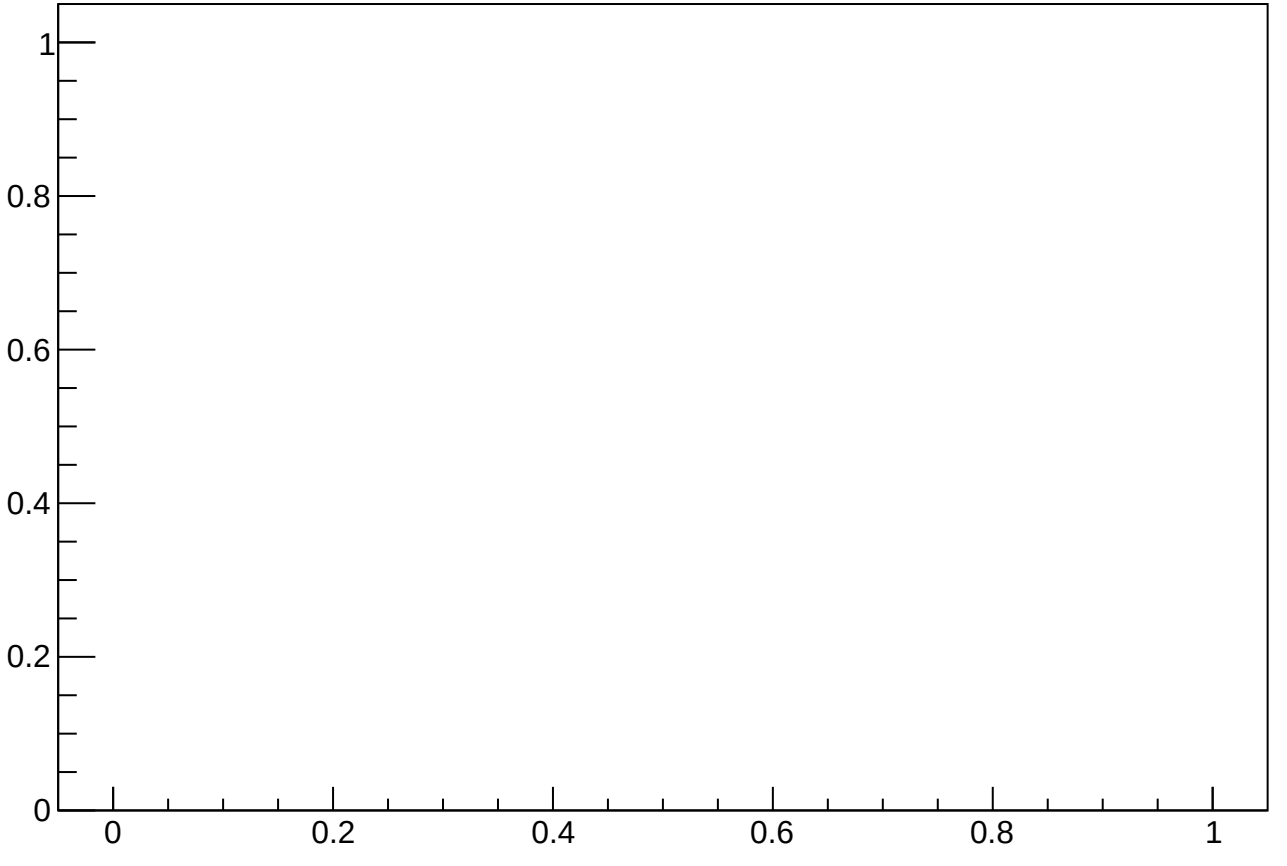
dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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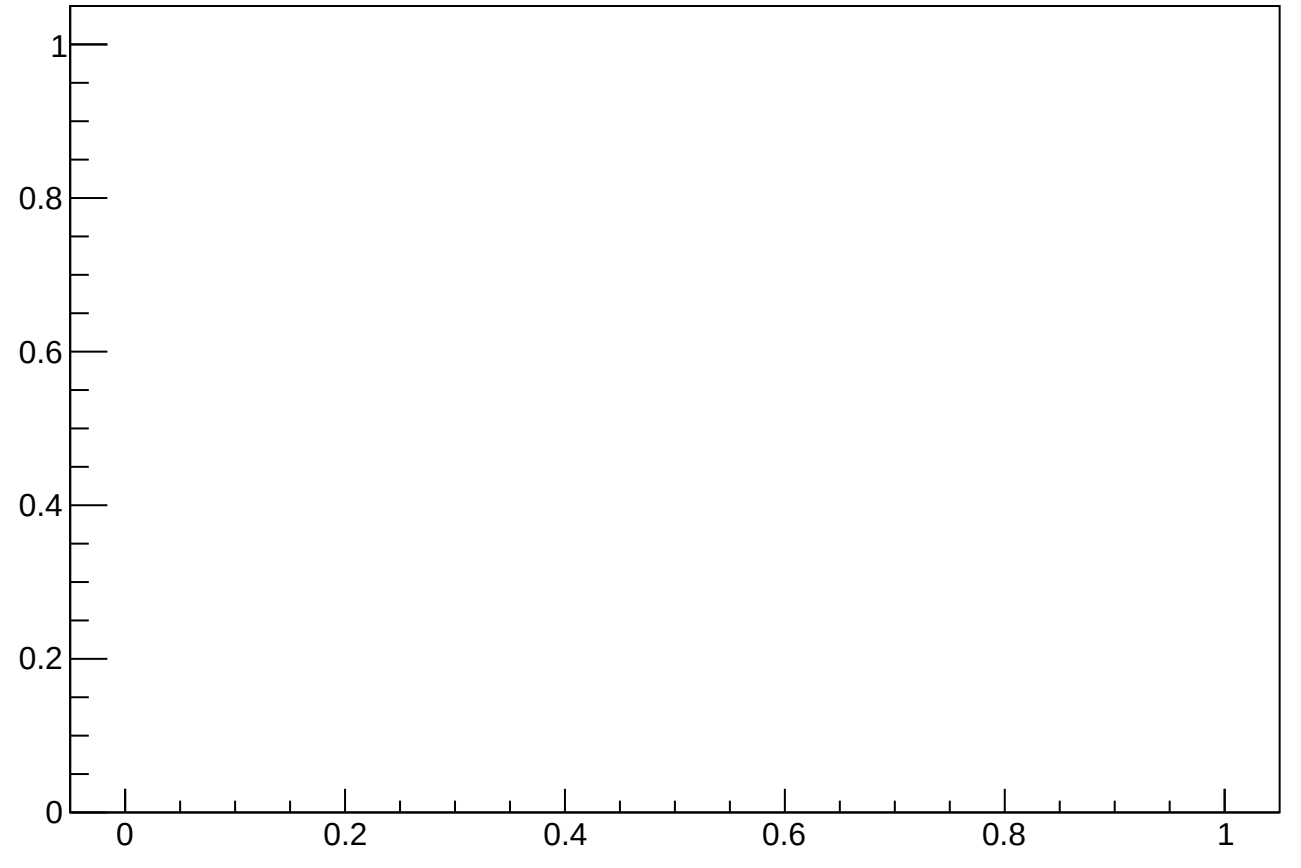

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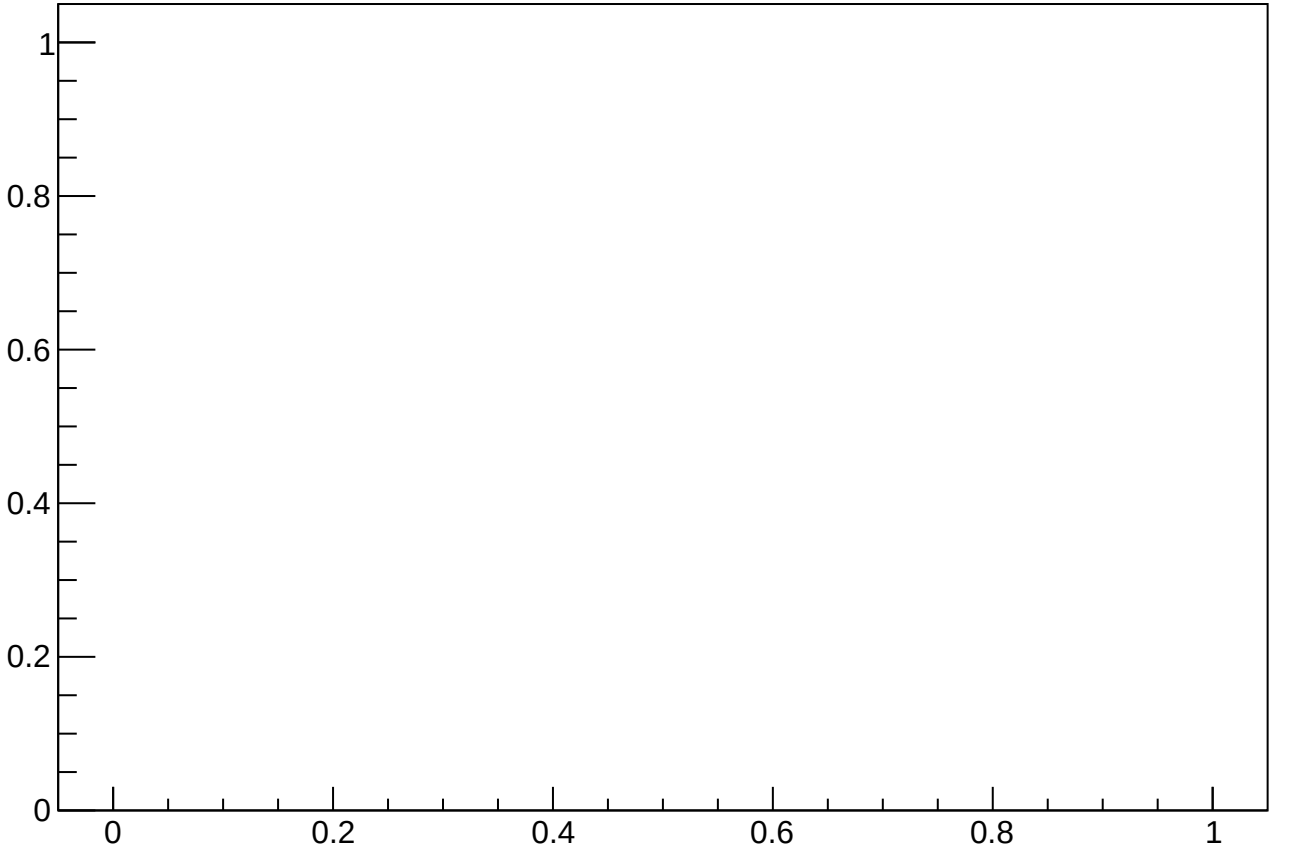
dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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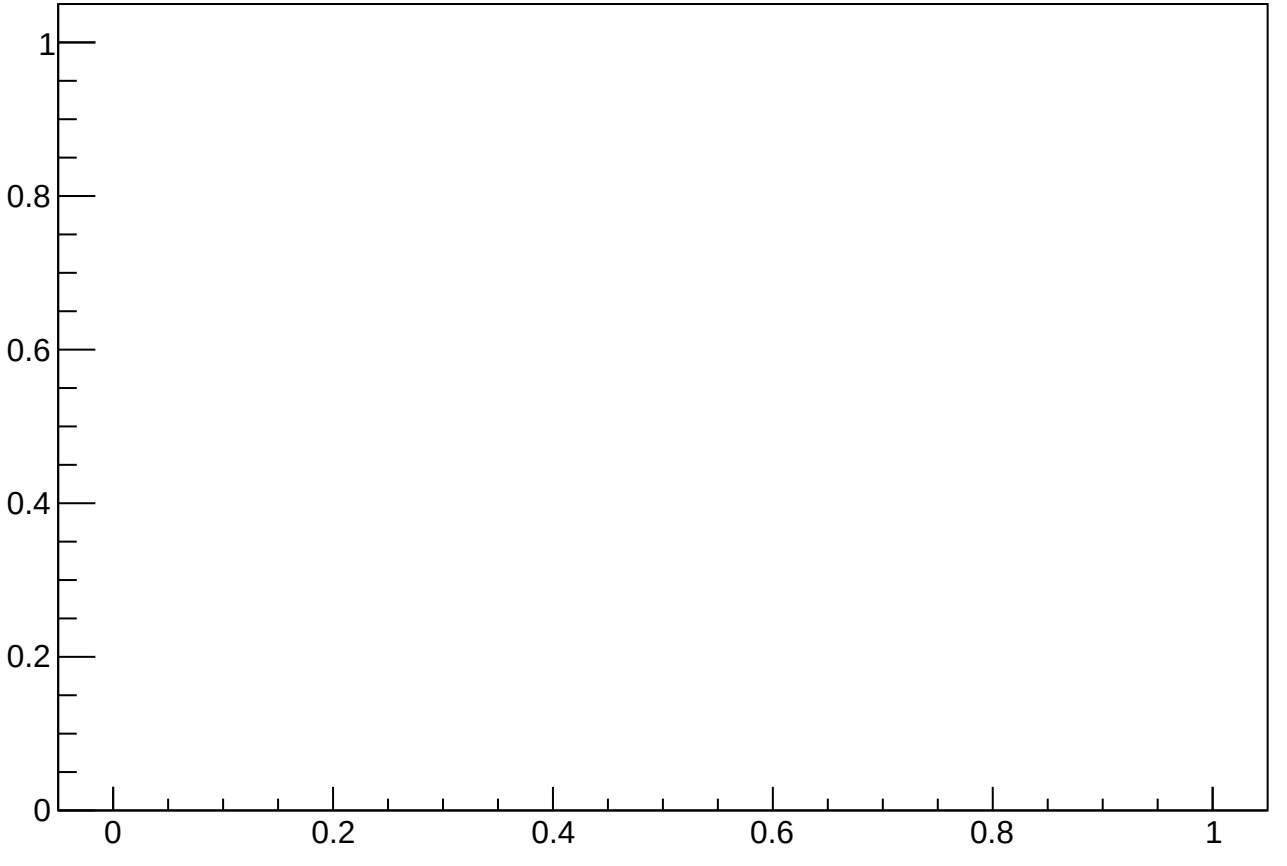
dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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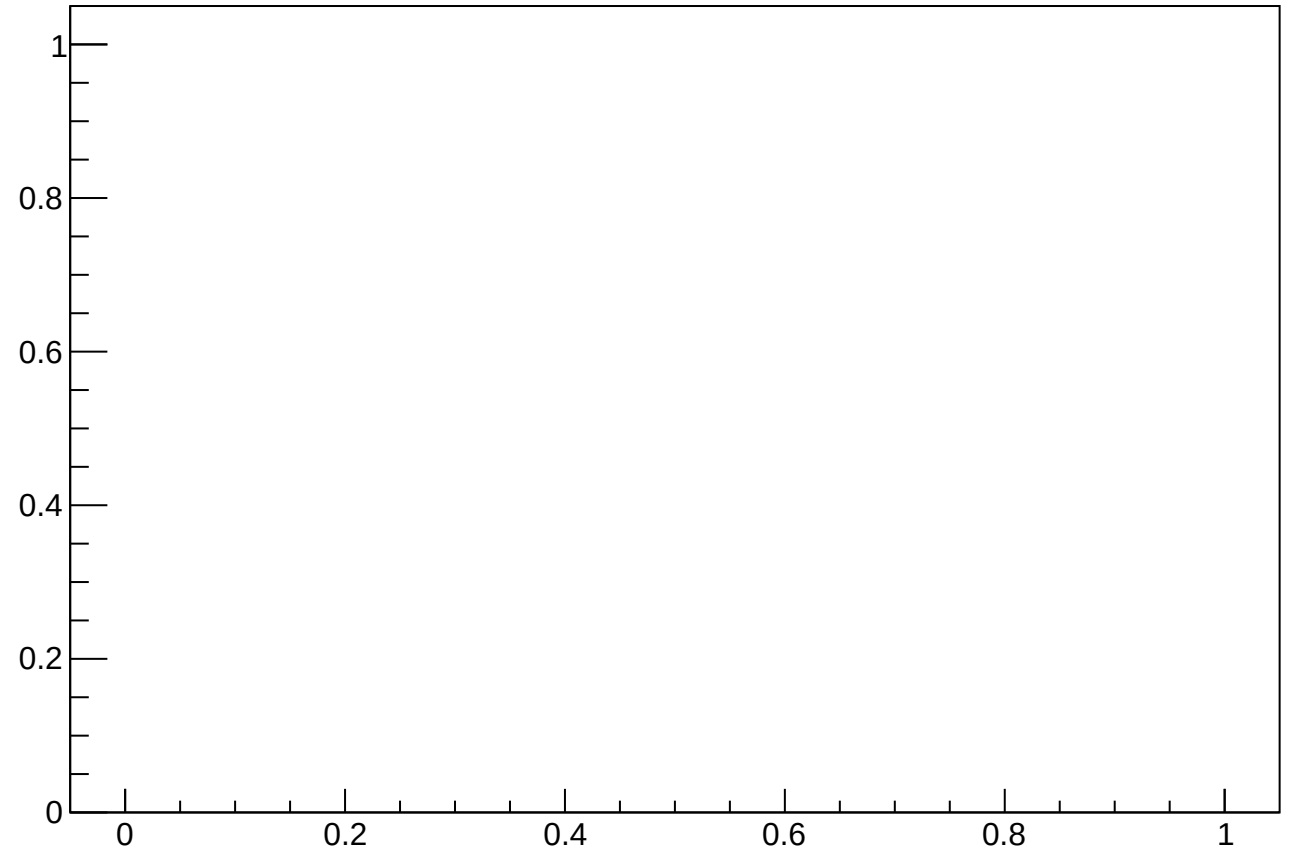

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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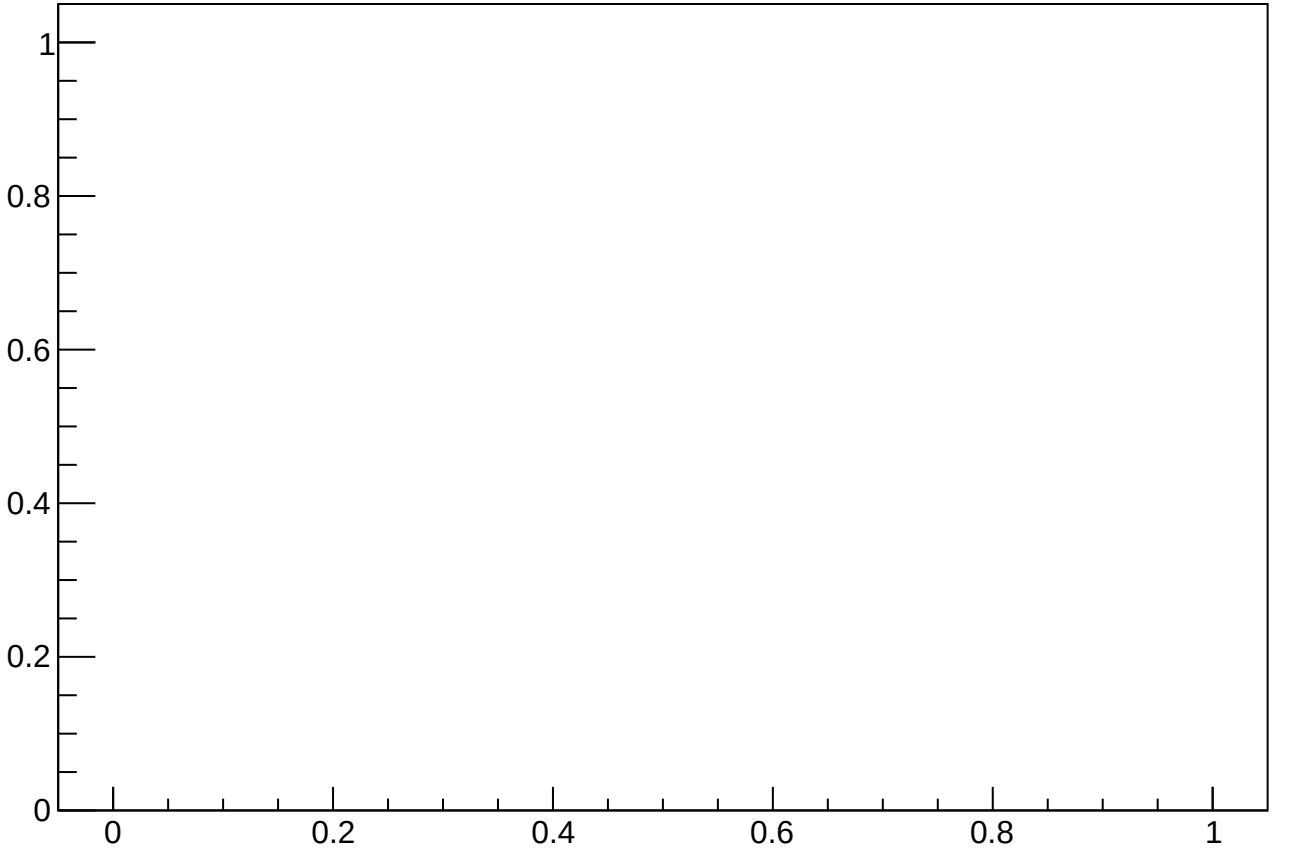
dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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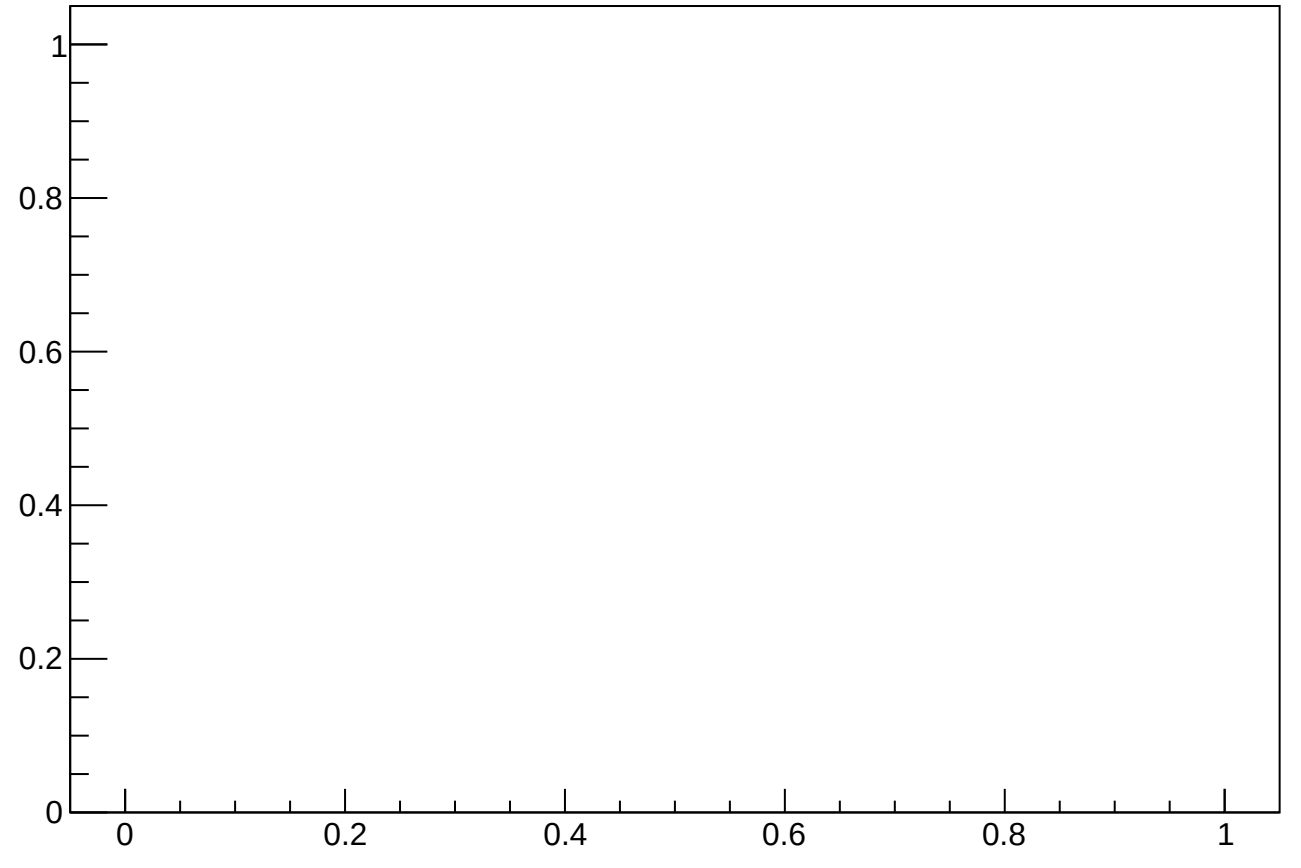

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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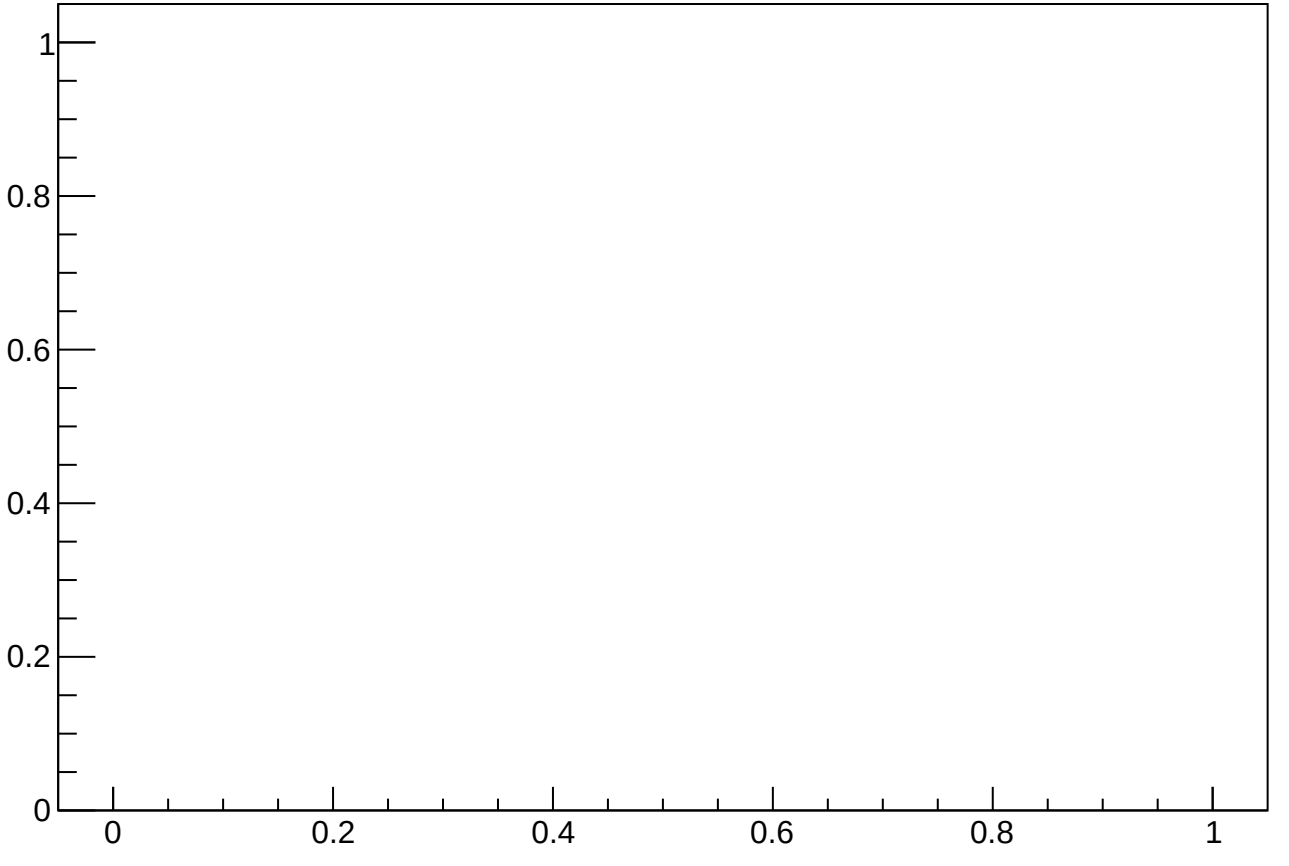
dit_sam5_coil4_mean vs Slug, Sign Corrected



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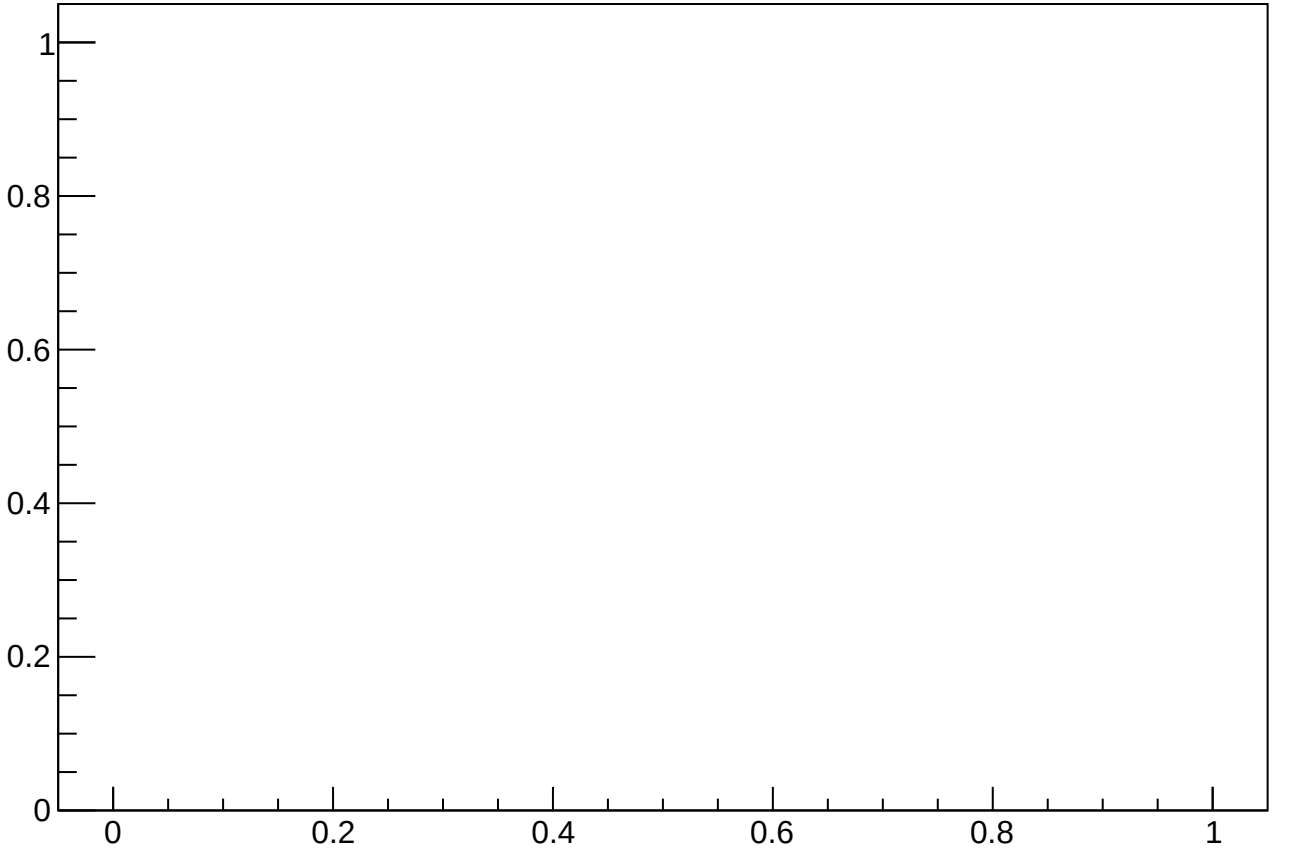
dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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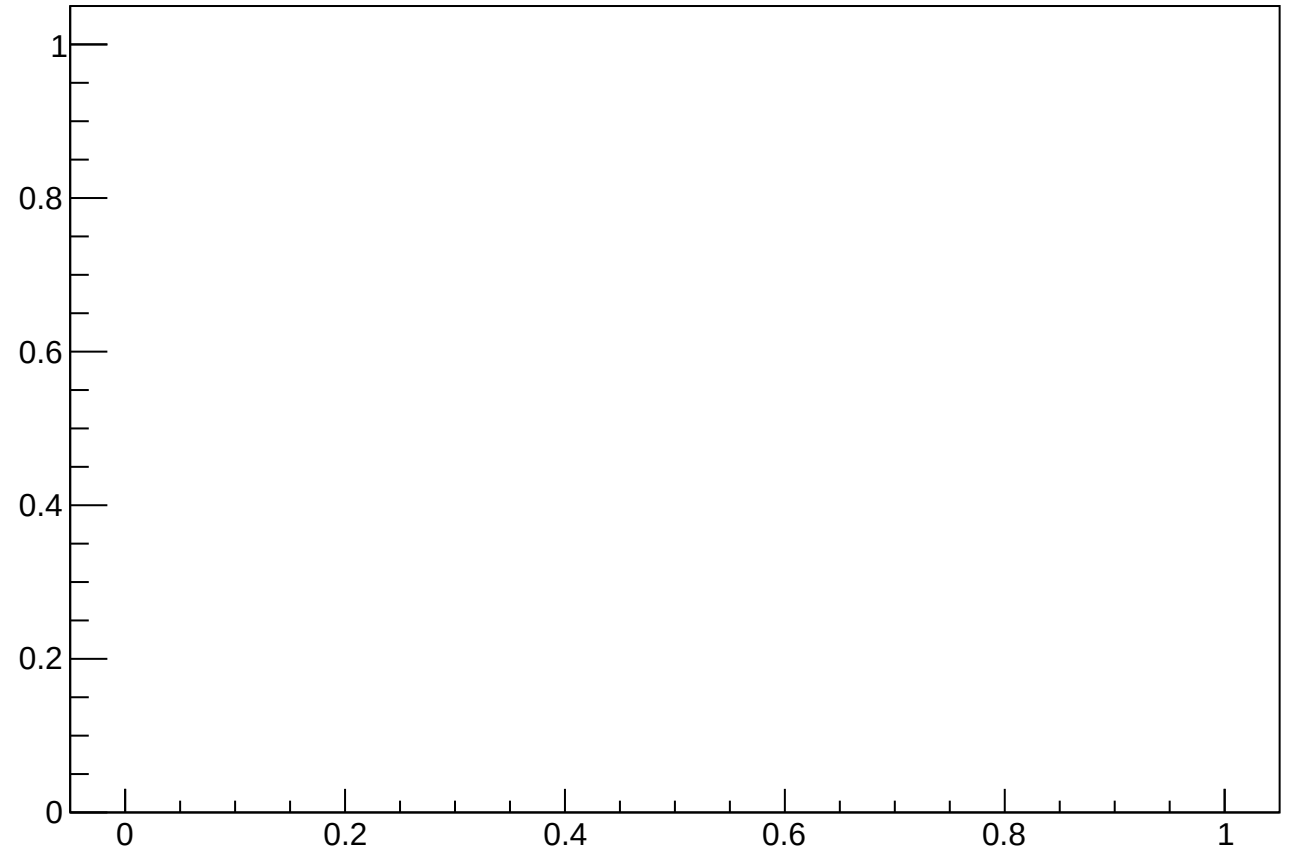

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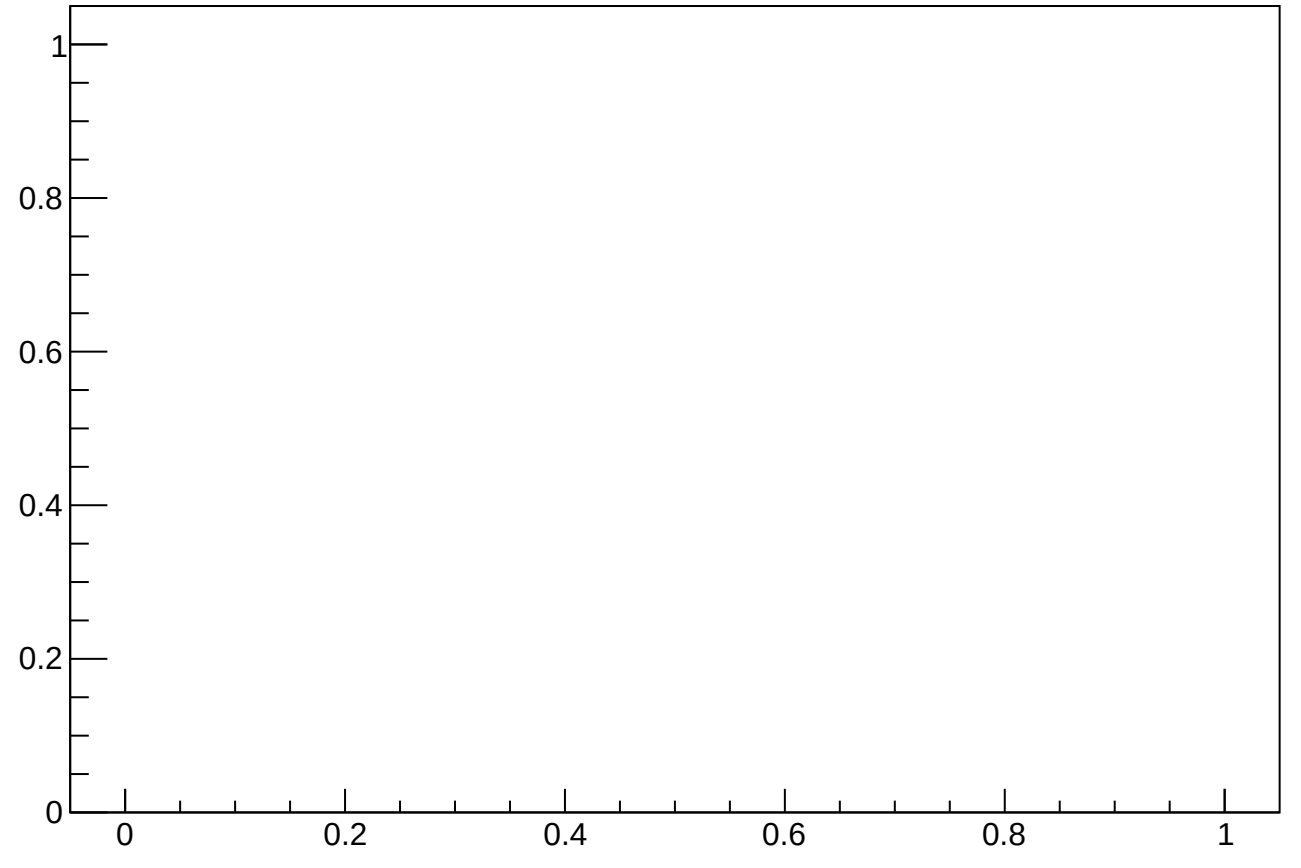

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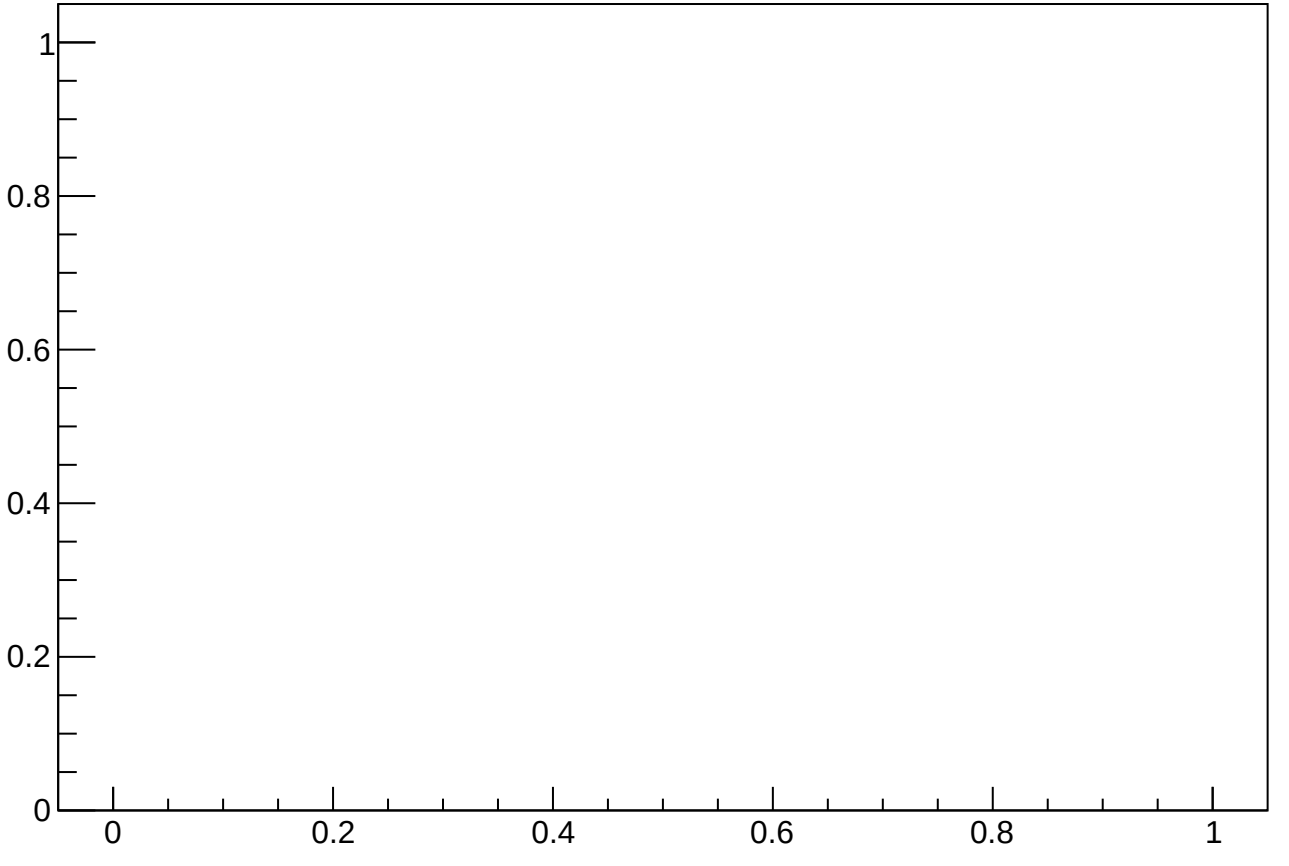
dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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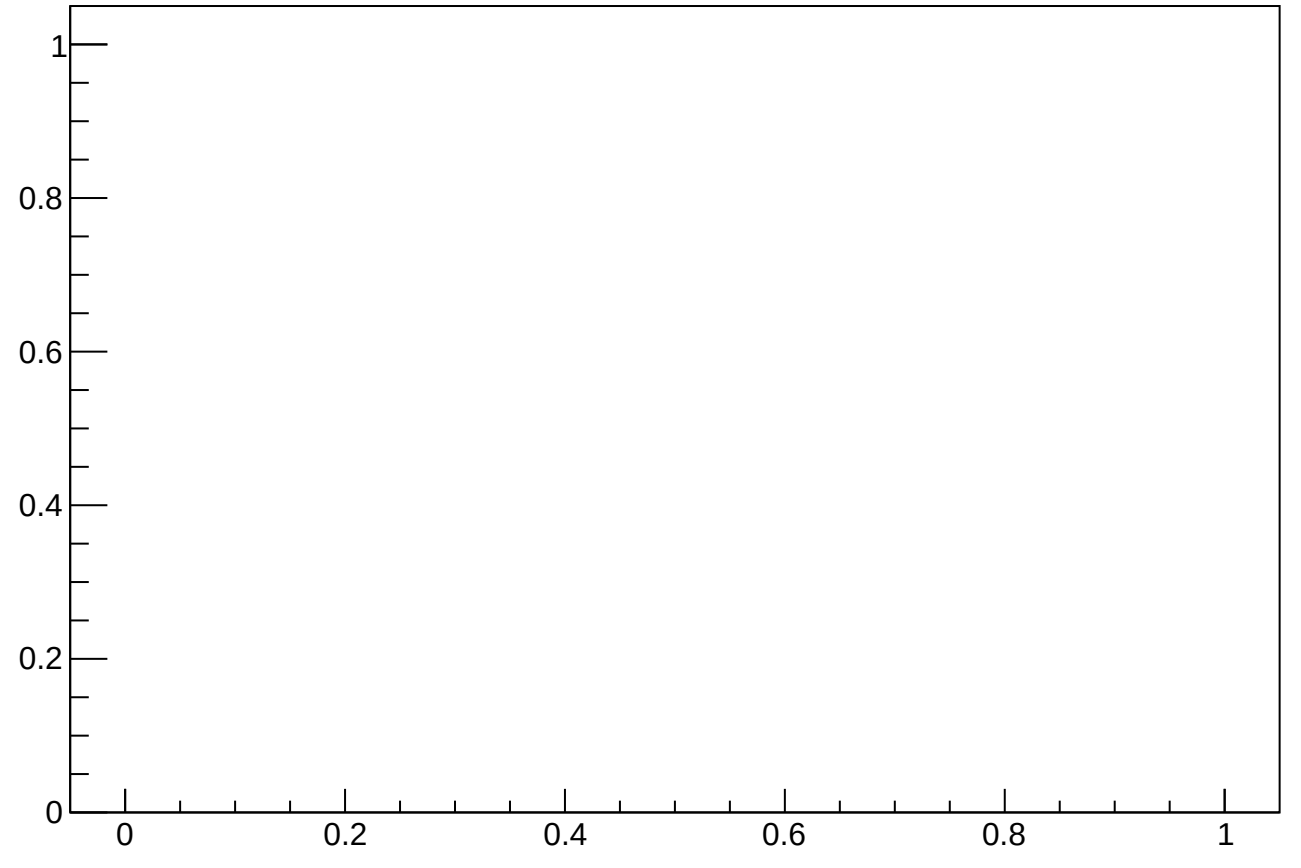

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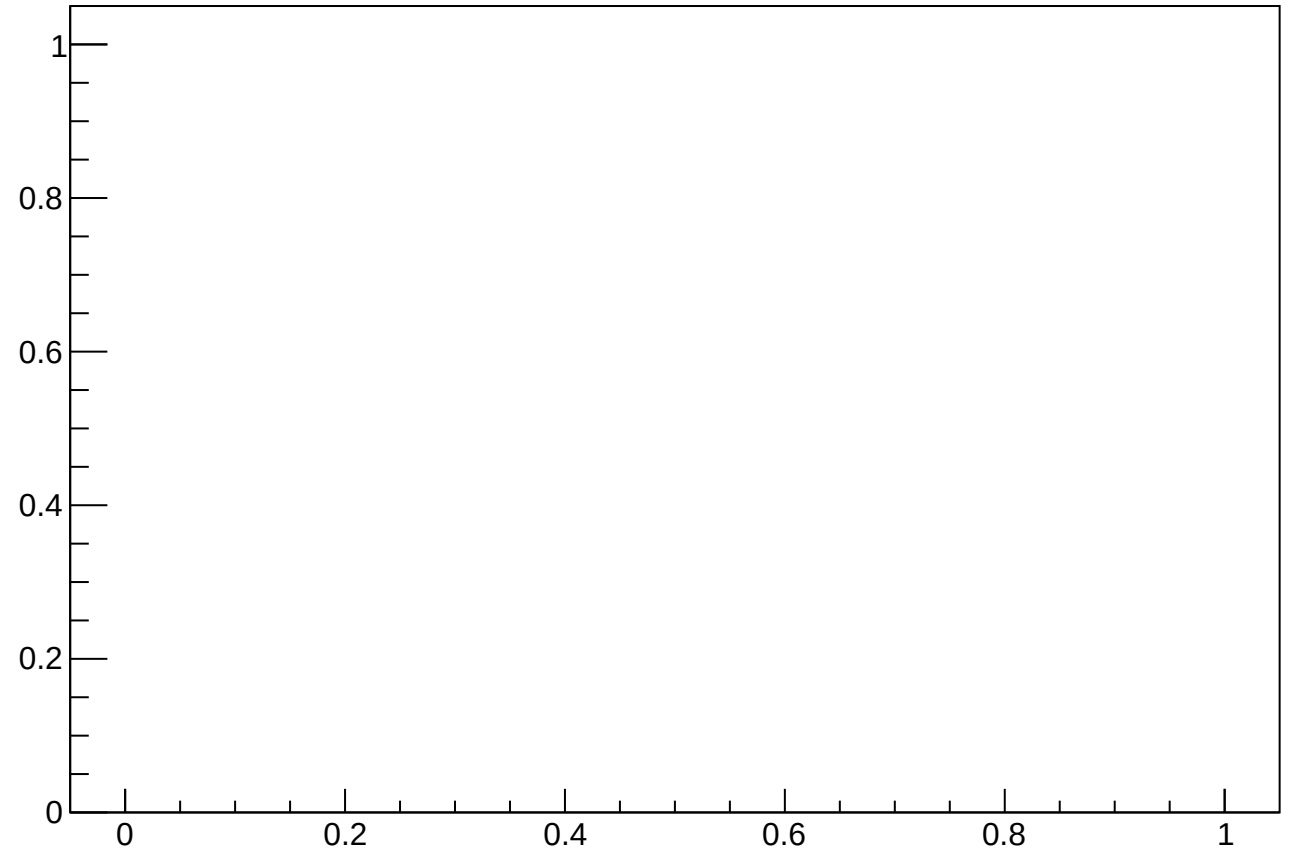

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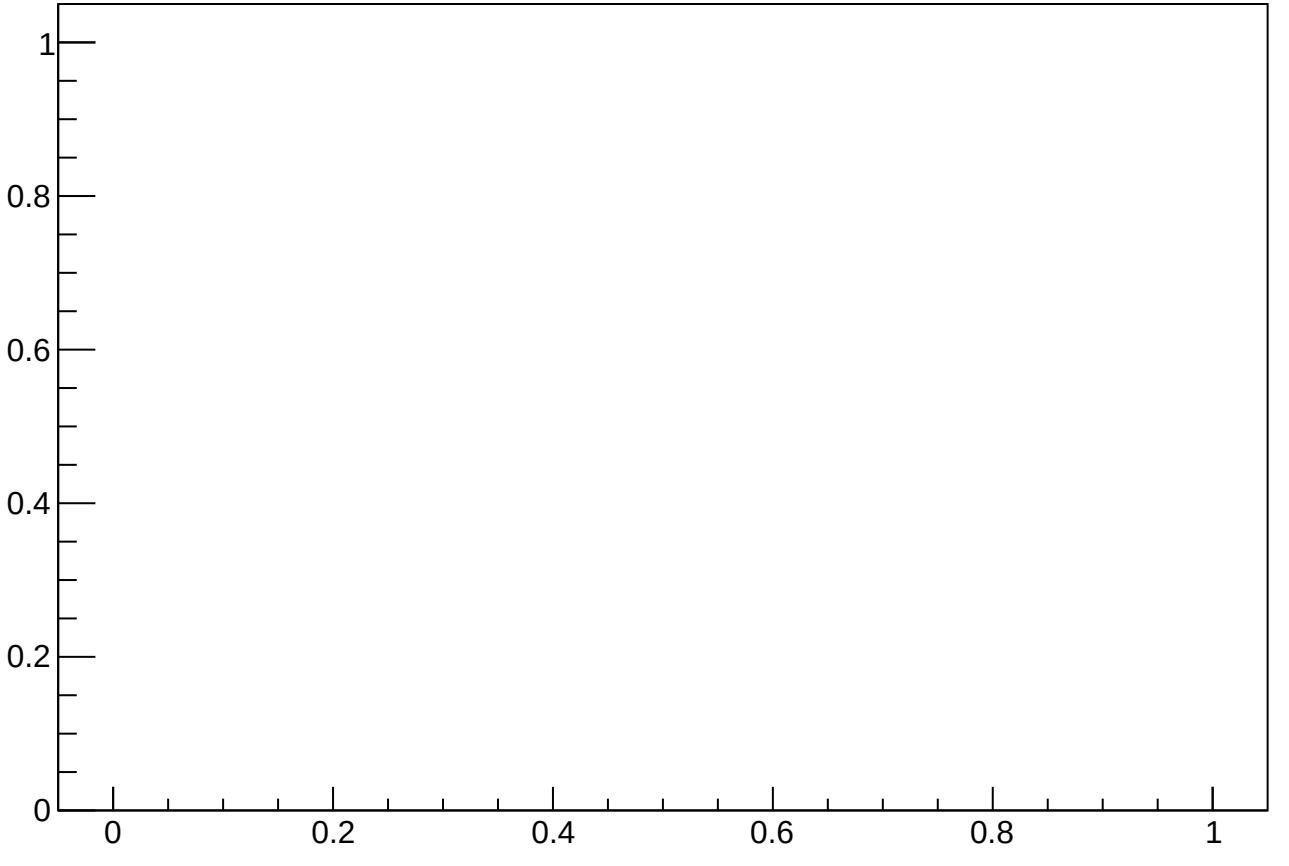
dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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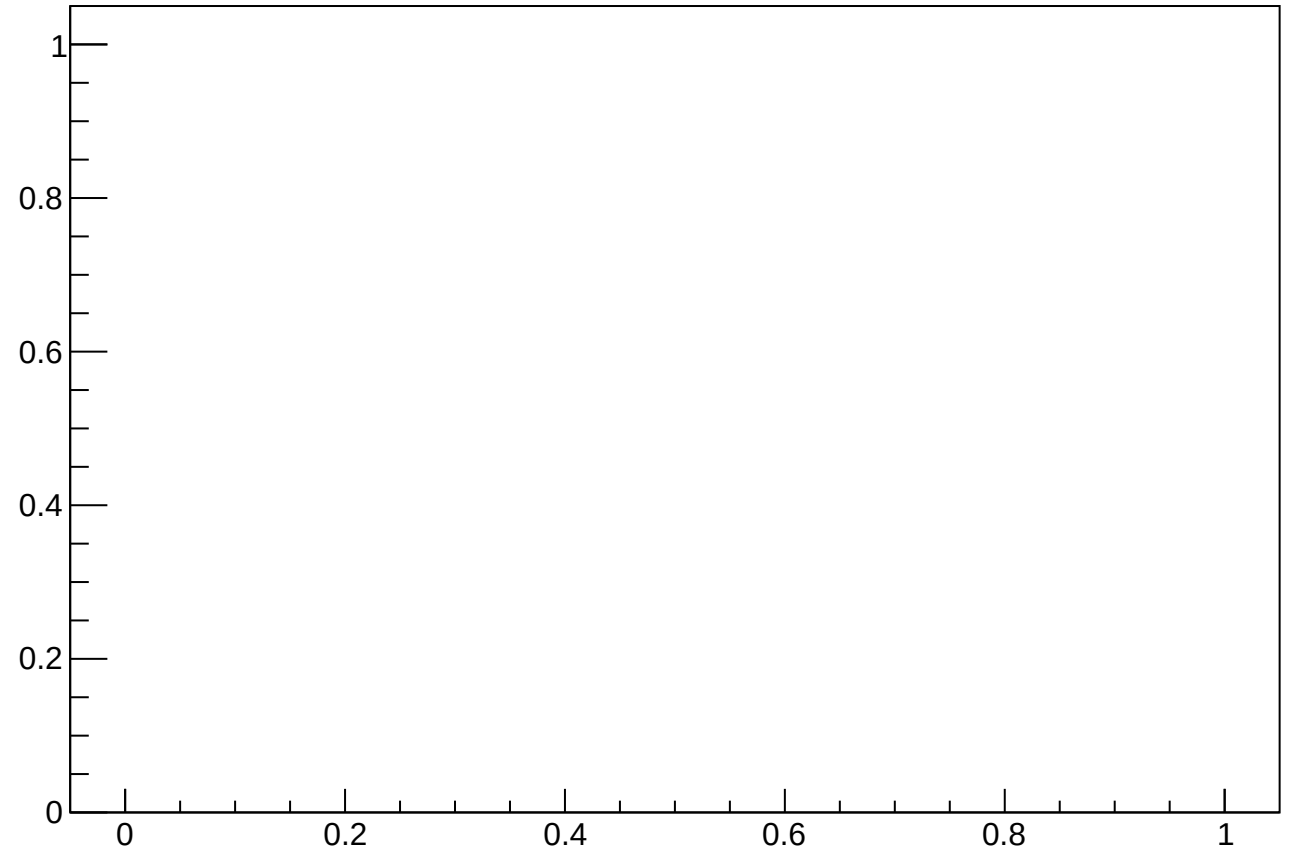

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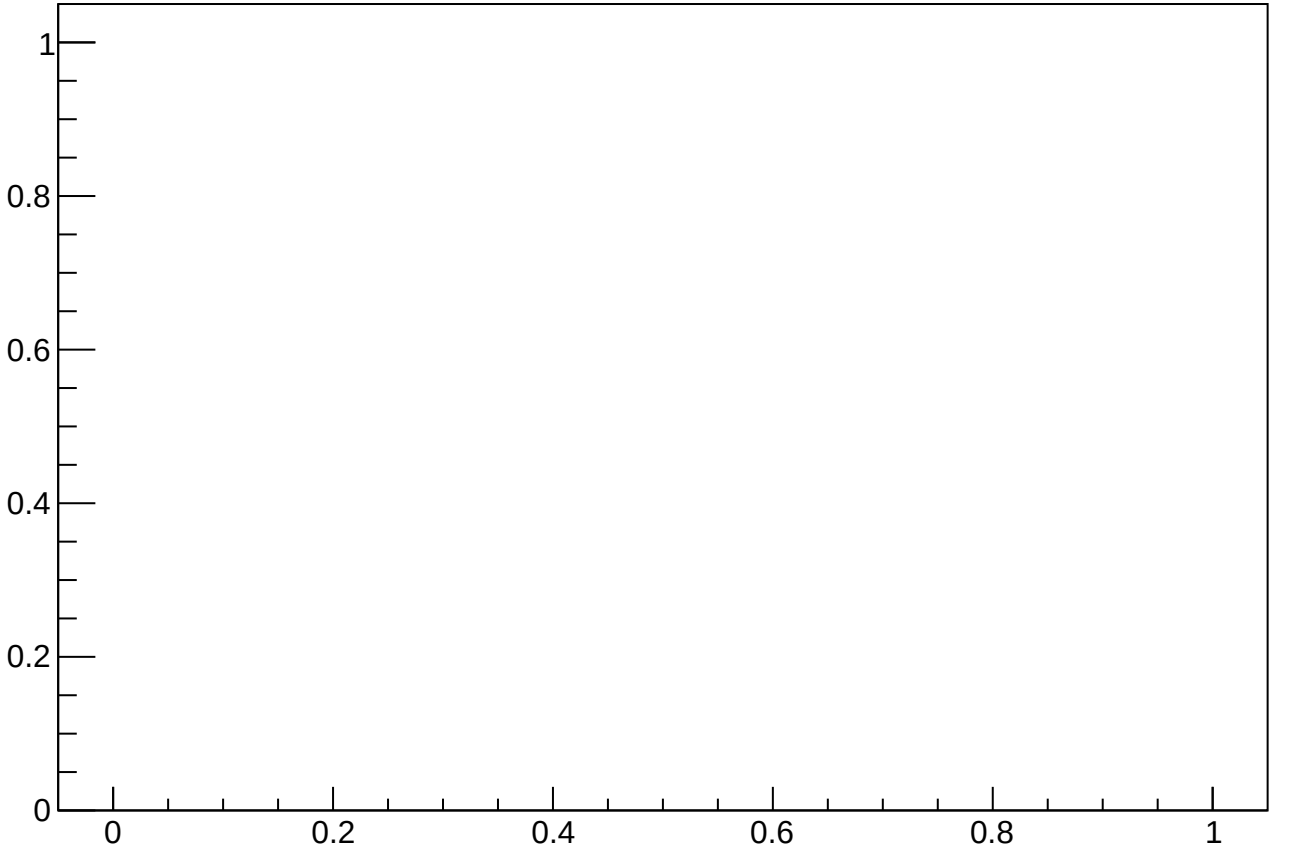
dit_sam8_coil4_mean vs Slug, Sign Corrected



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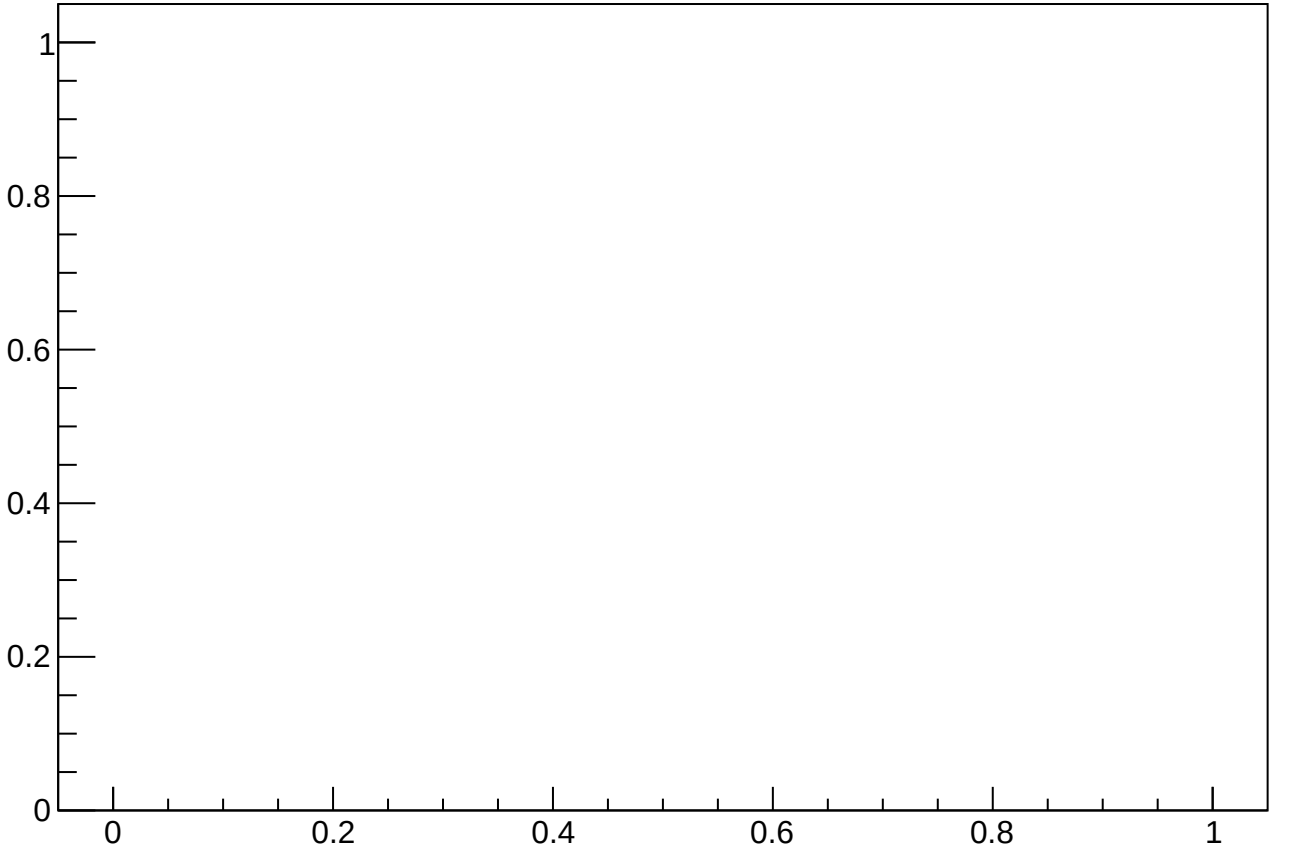
dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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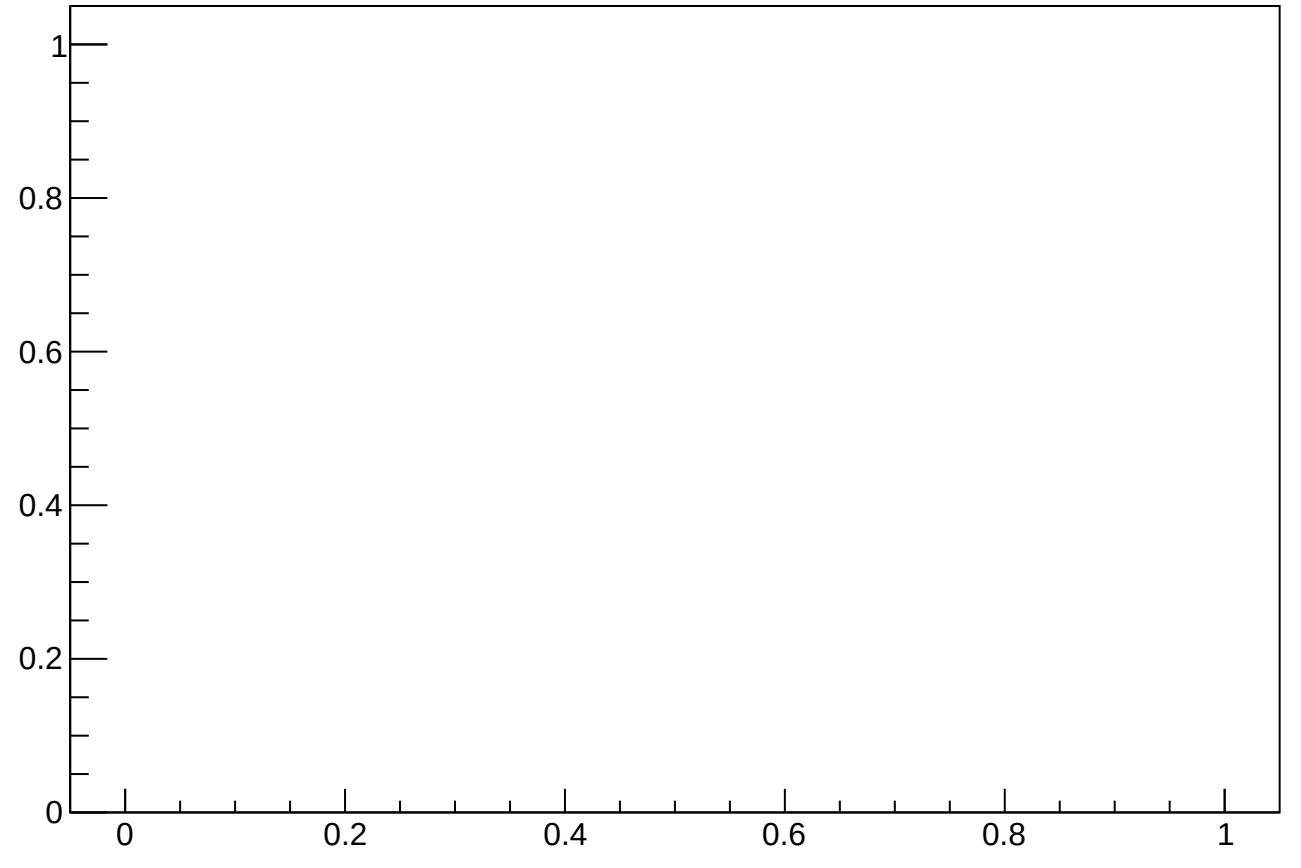

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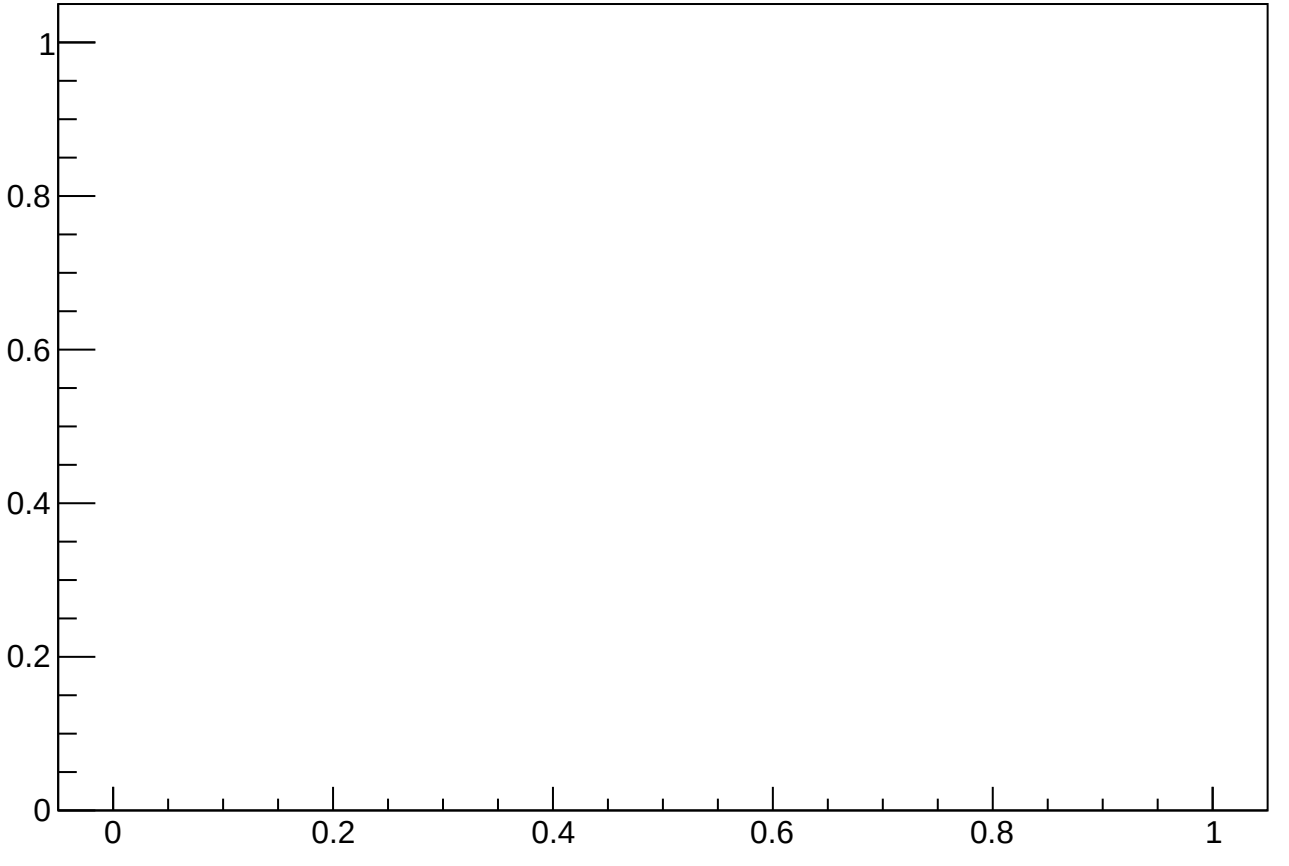
dit_4aX_coil6_mean vs Slug, Sign Corrected



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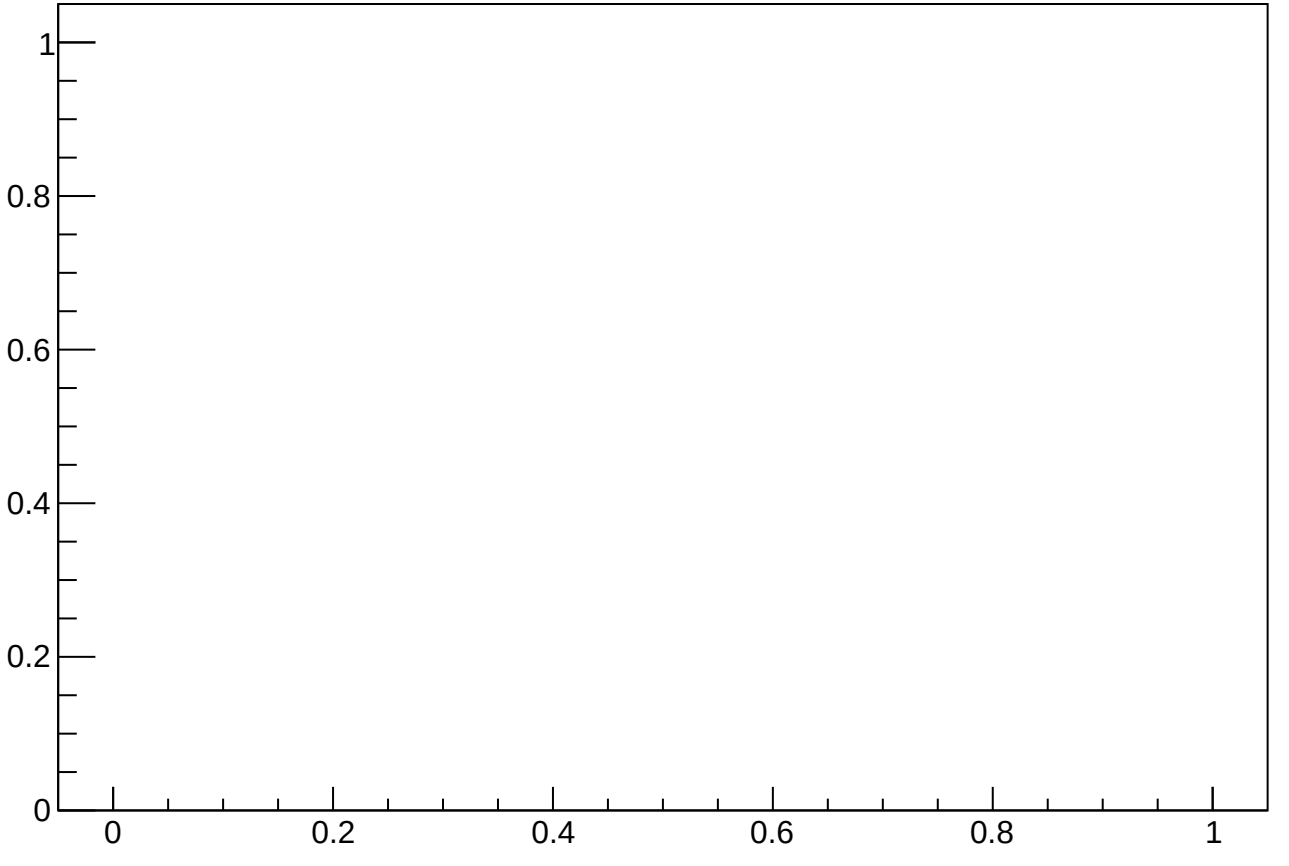
dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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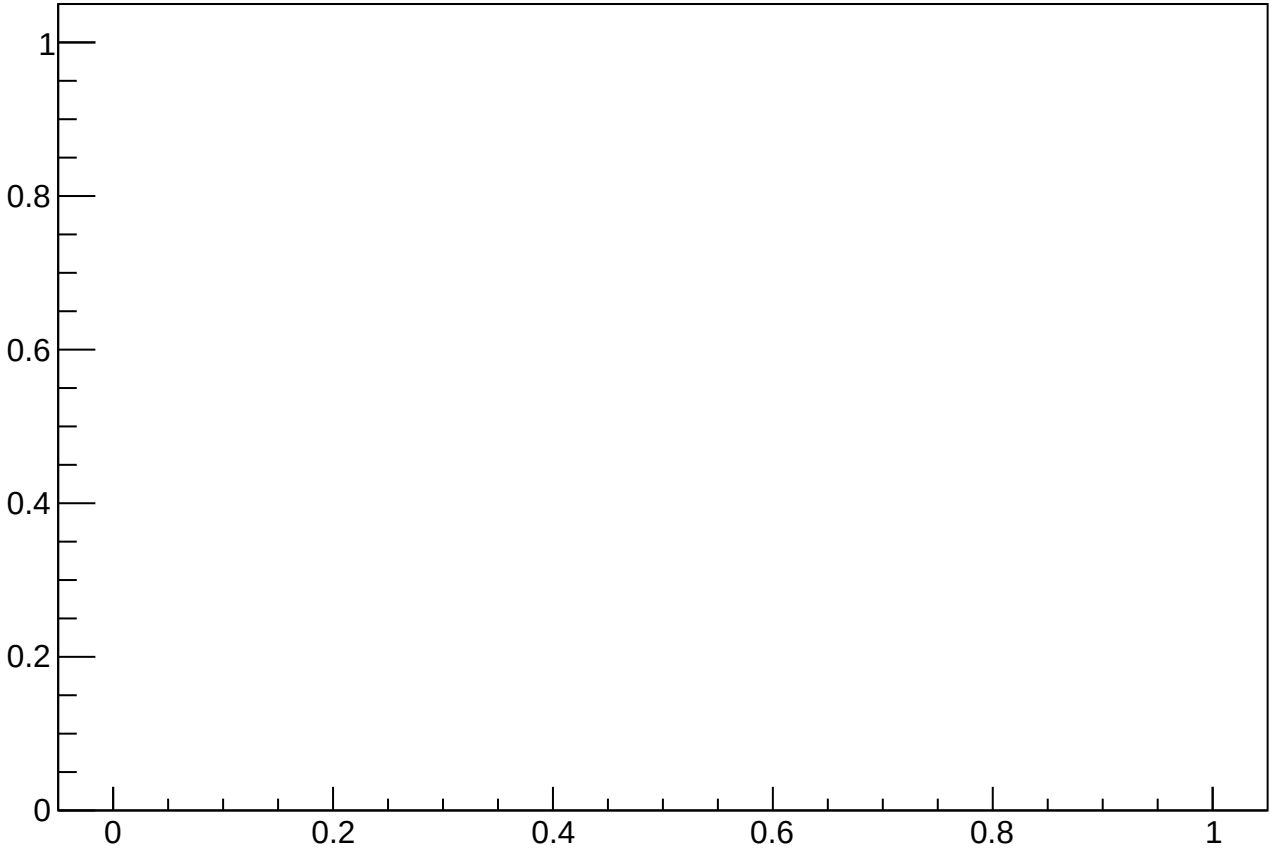
dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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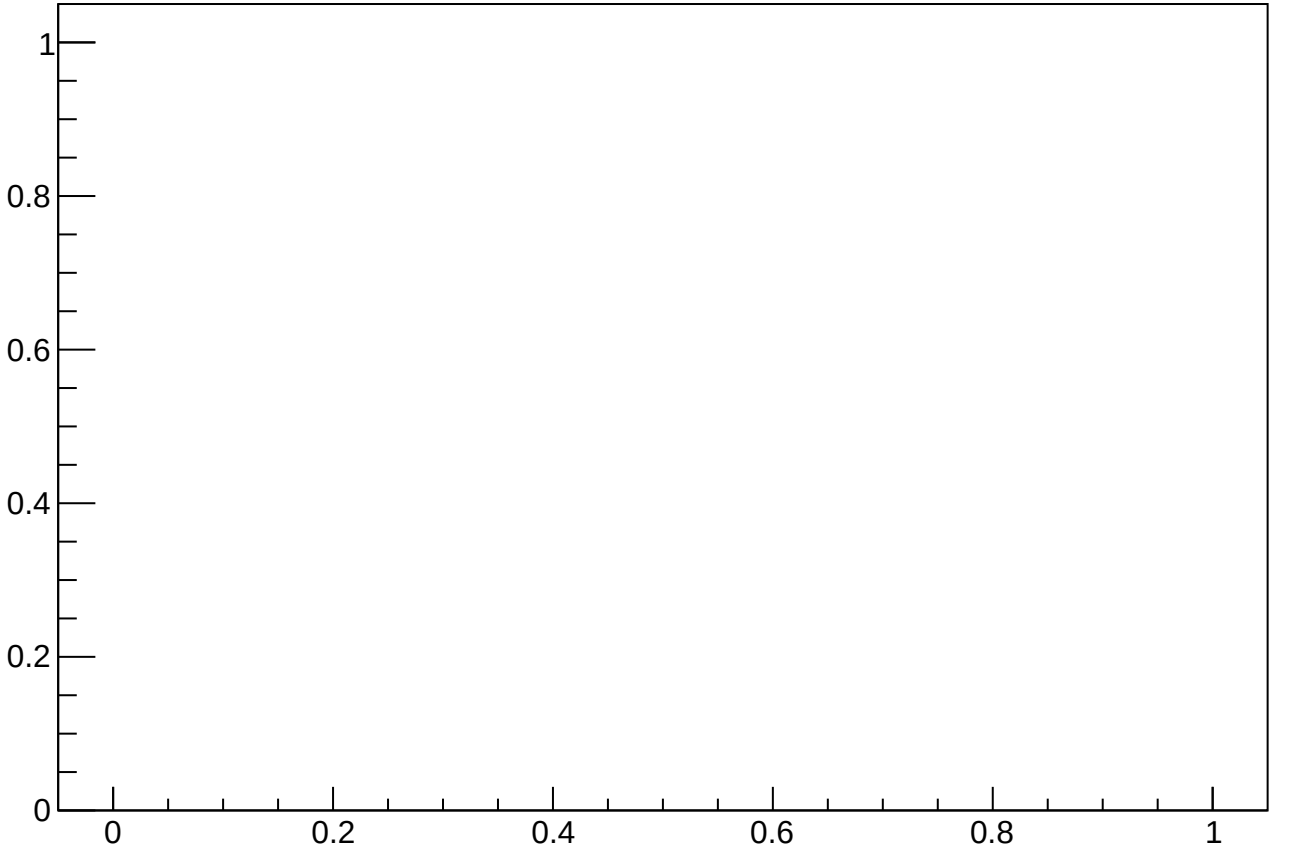
dit_4eX_coil6_mean vs Slug, Sign Corrected



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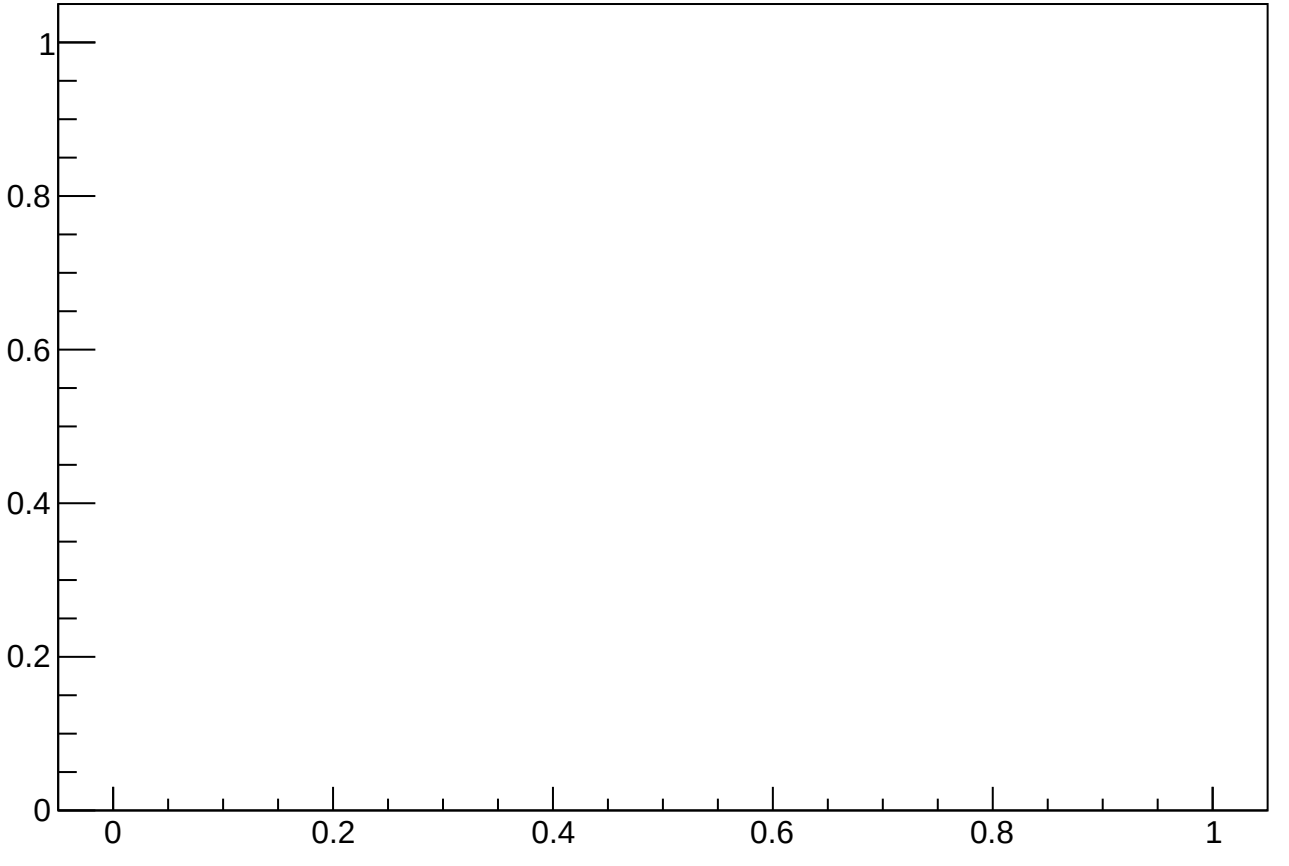
dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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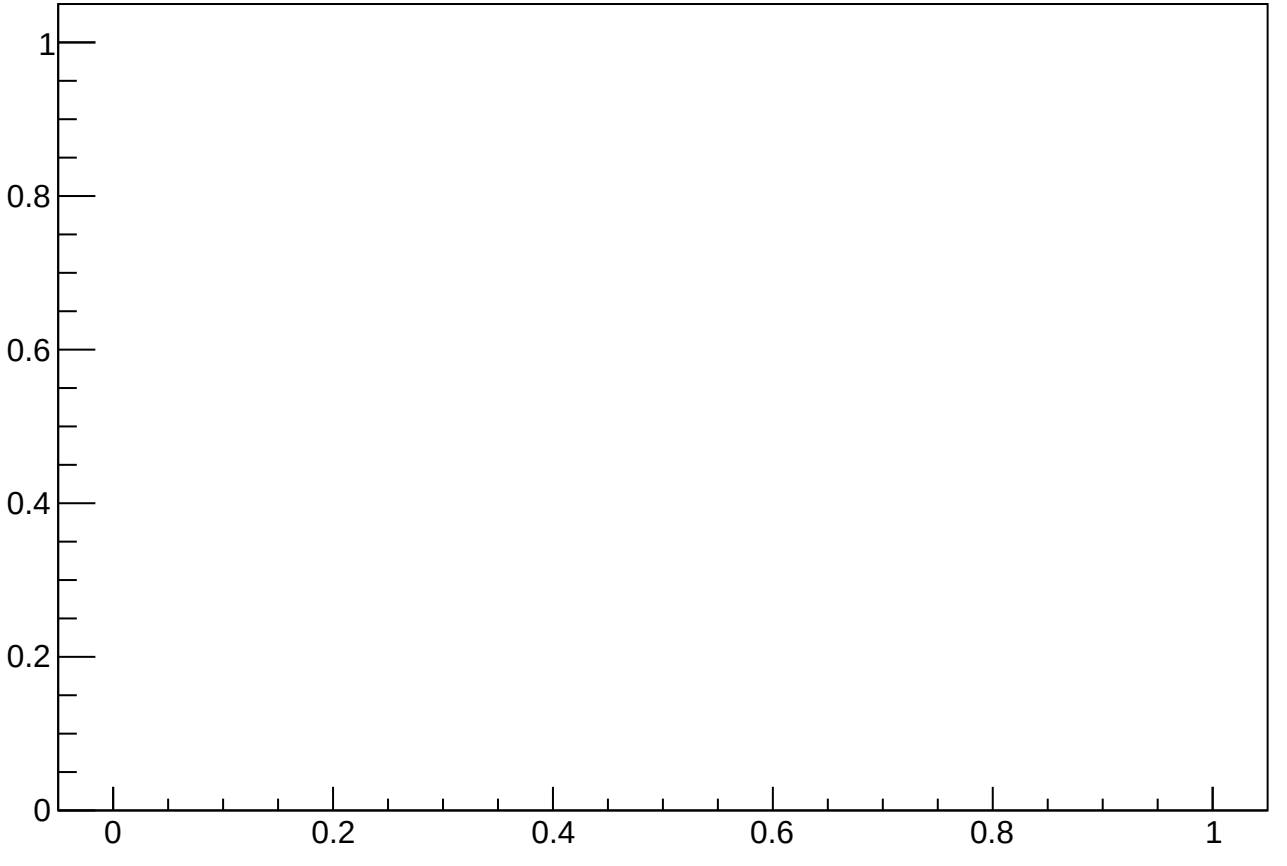
dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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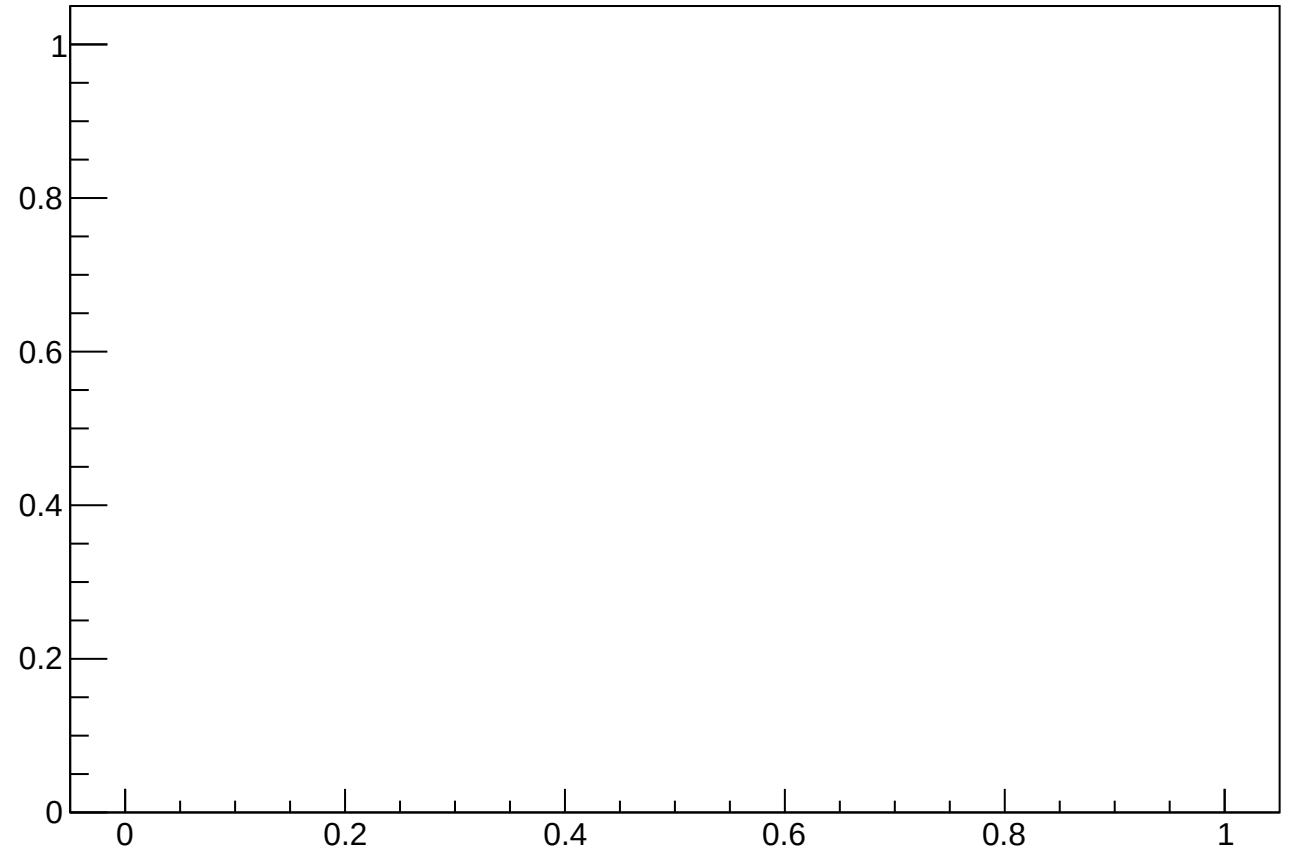

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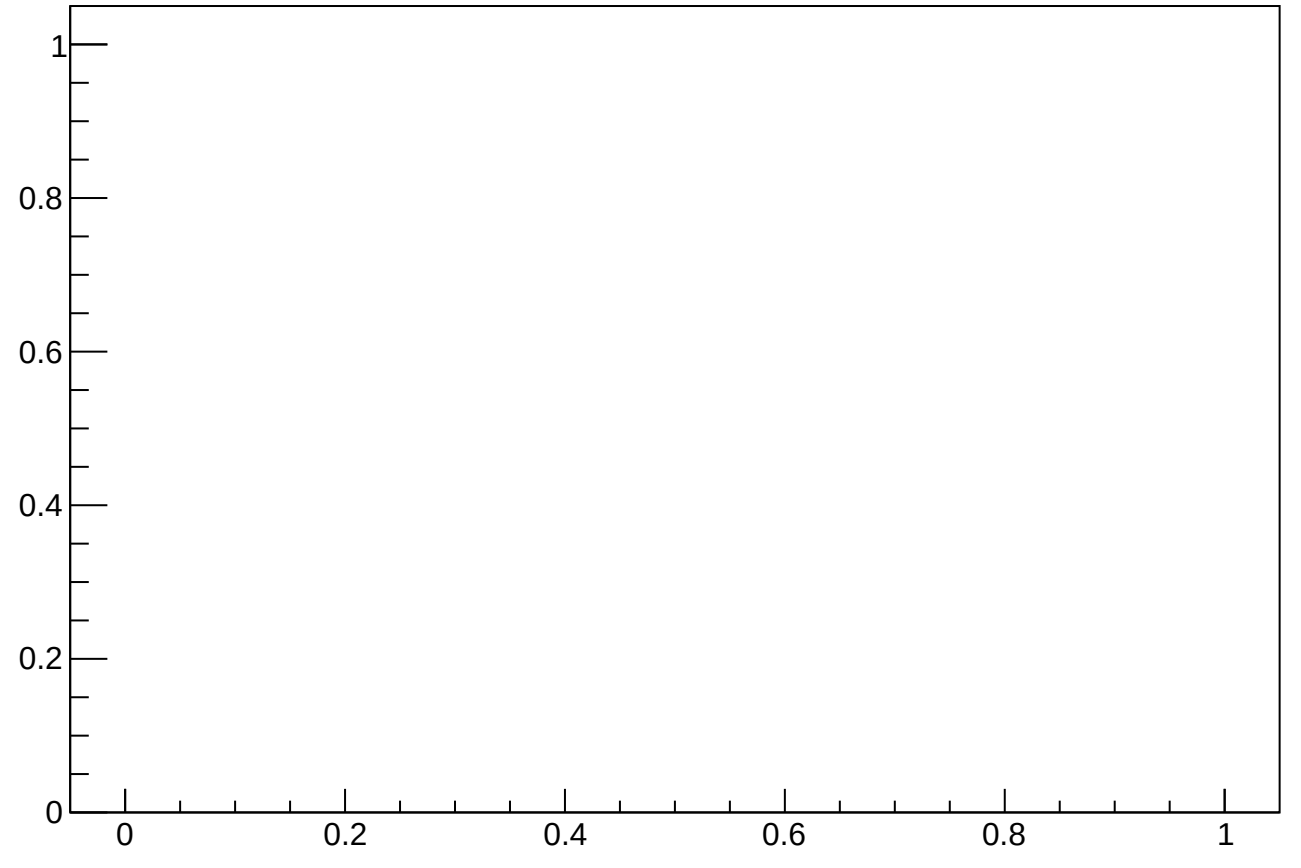

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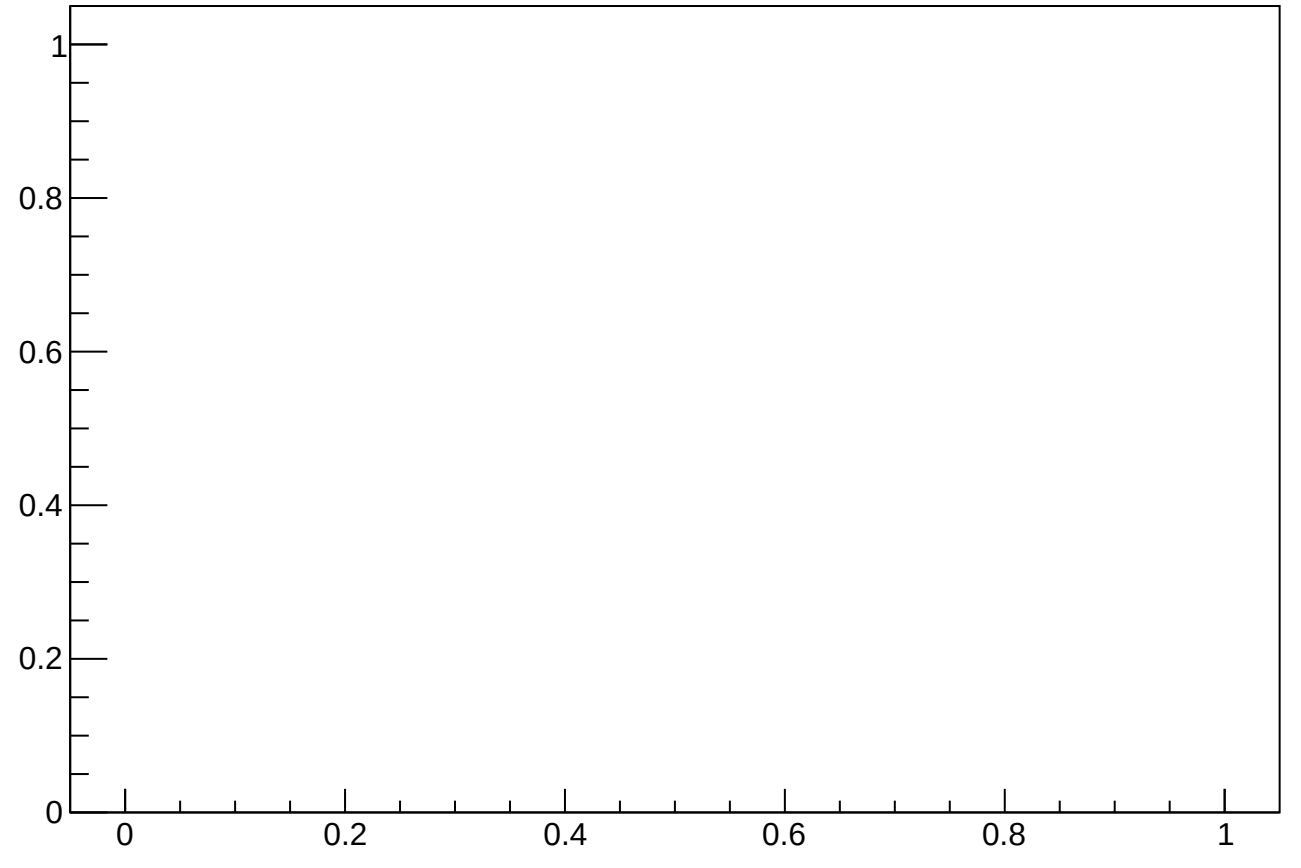

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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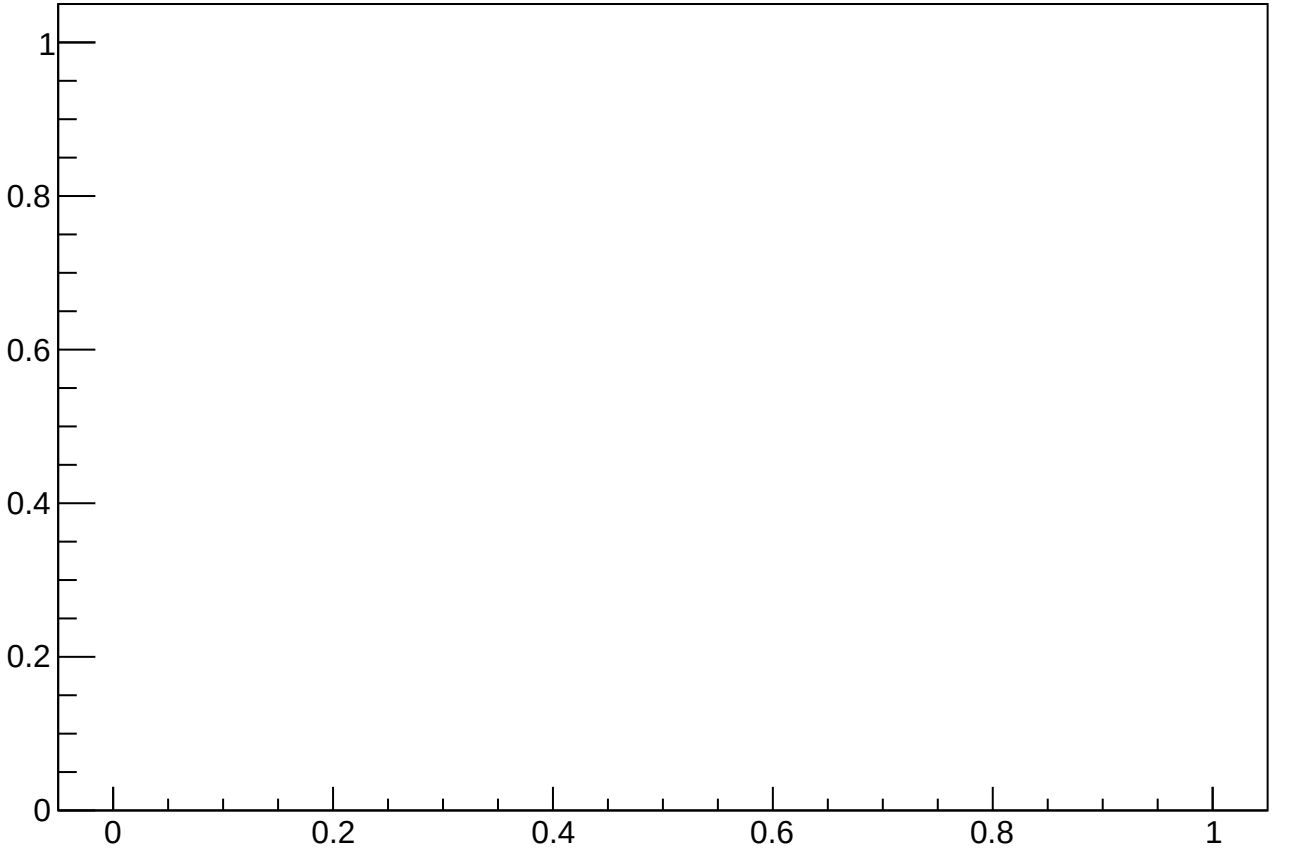
dit_4aY_coil6_mean vs Slug, Sign Corrected



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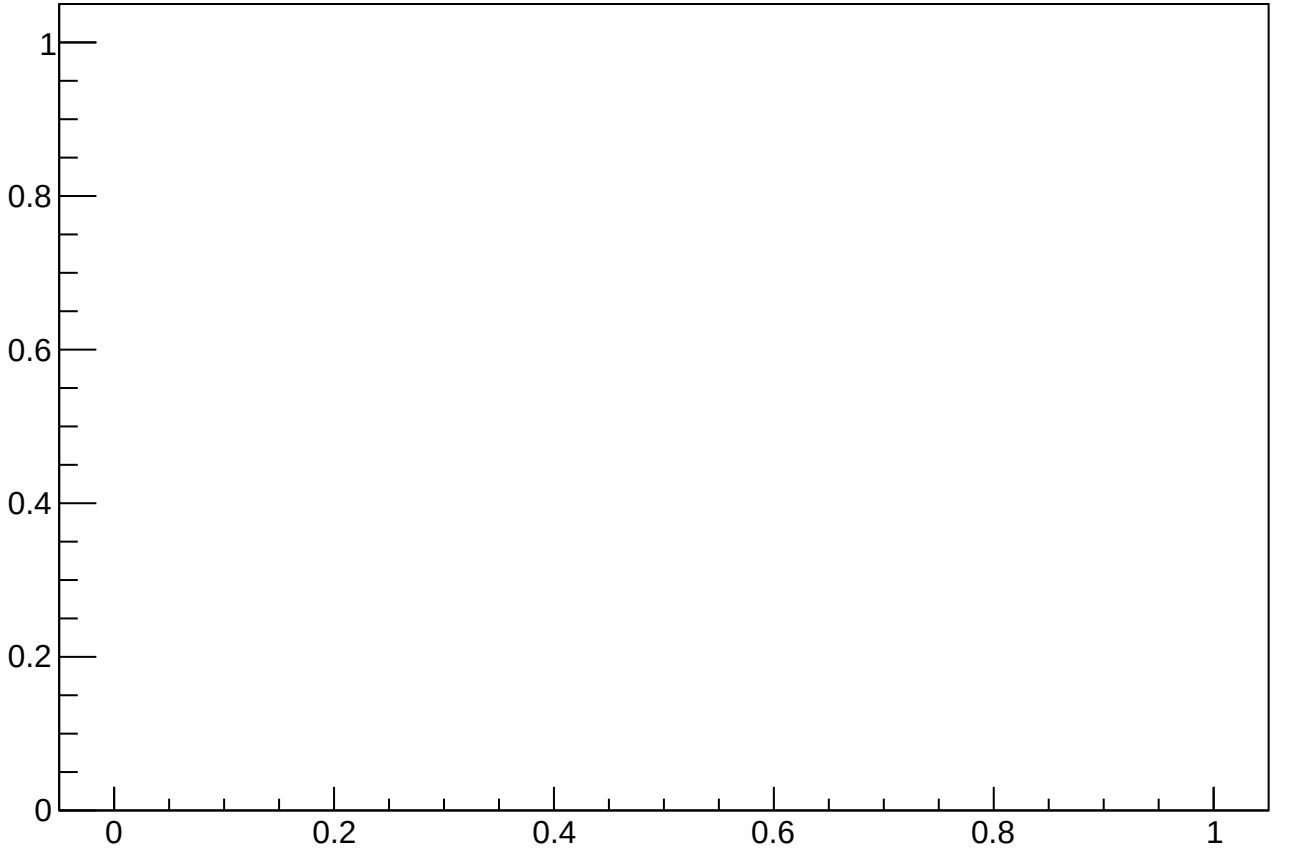
dit_4aY_coil6_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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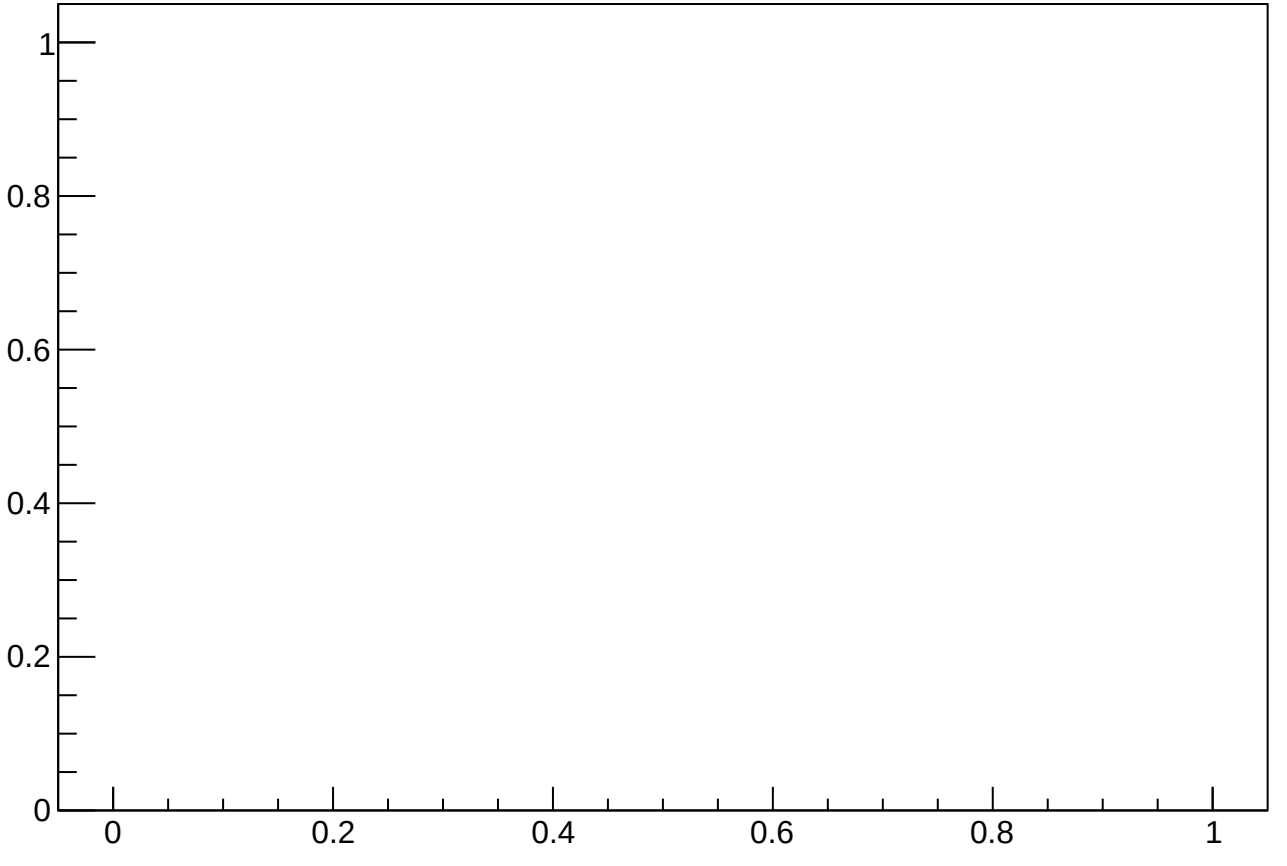
dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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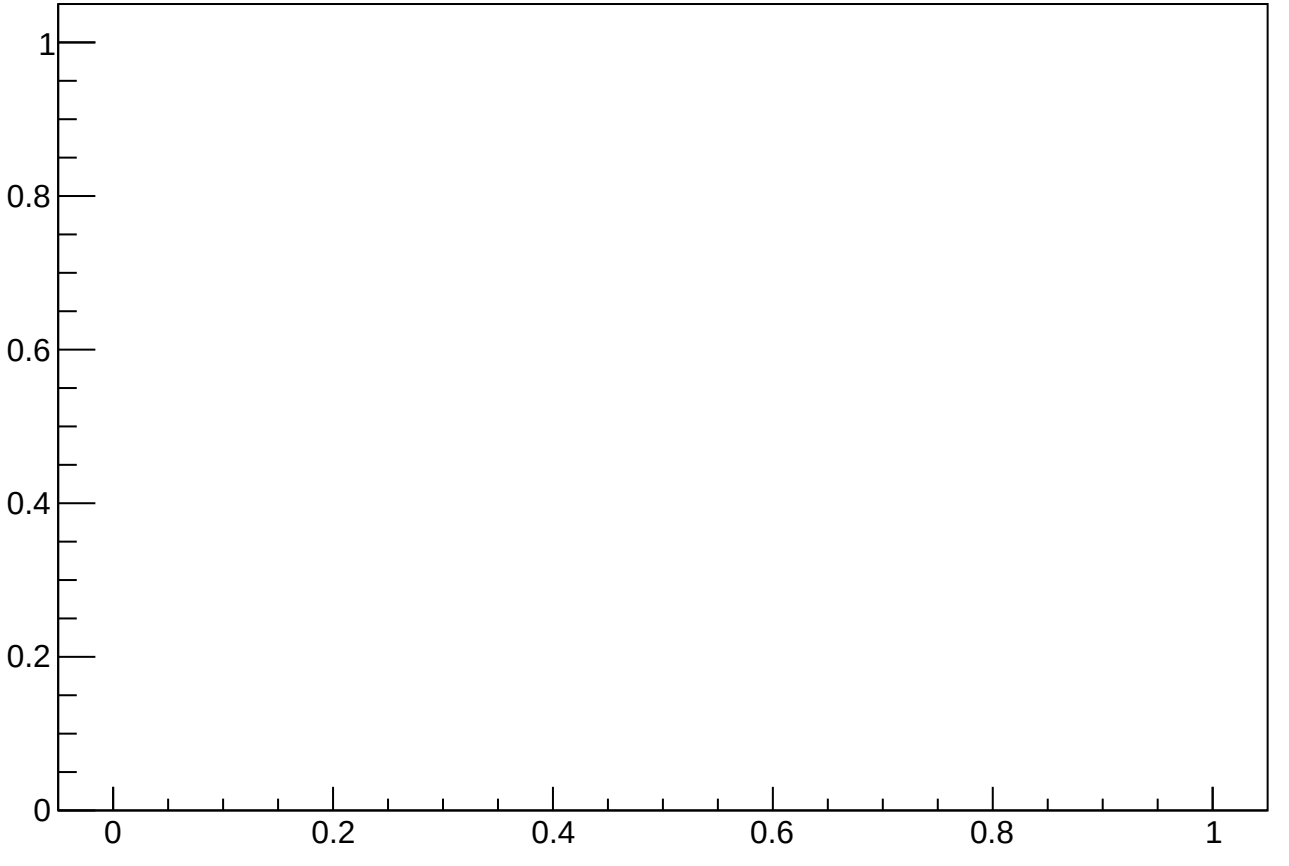
dit_4eY_coil6_mean vs Slug, Sign Corrected



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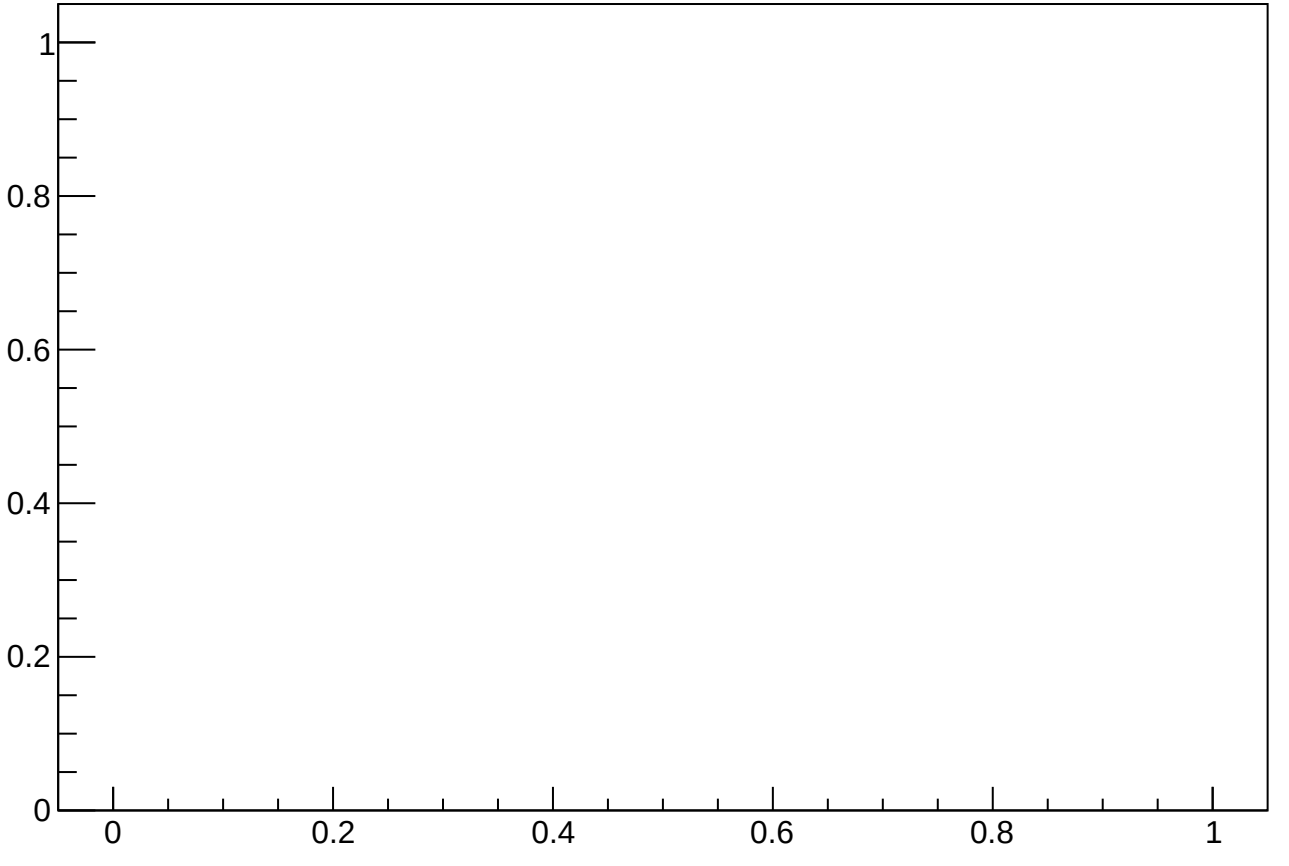
dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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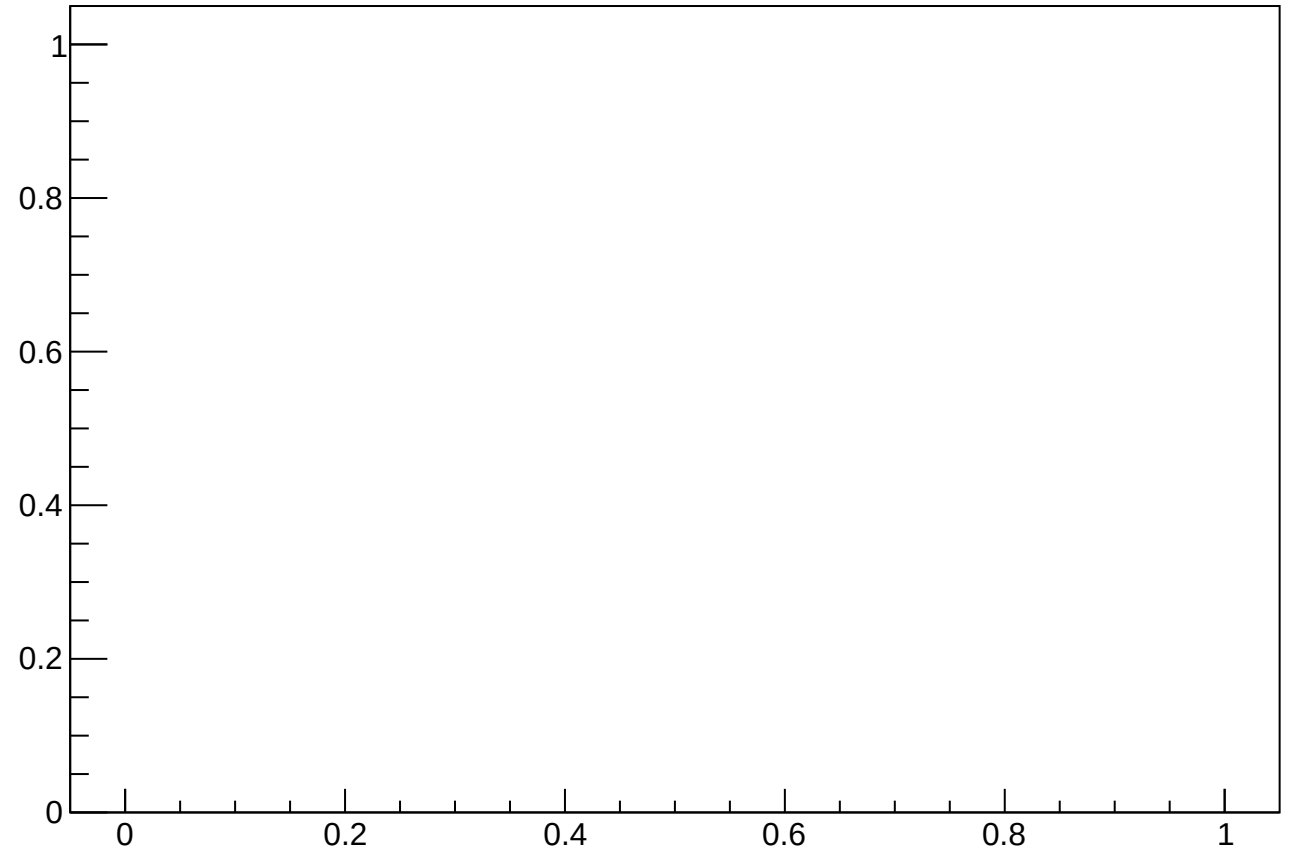

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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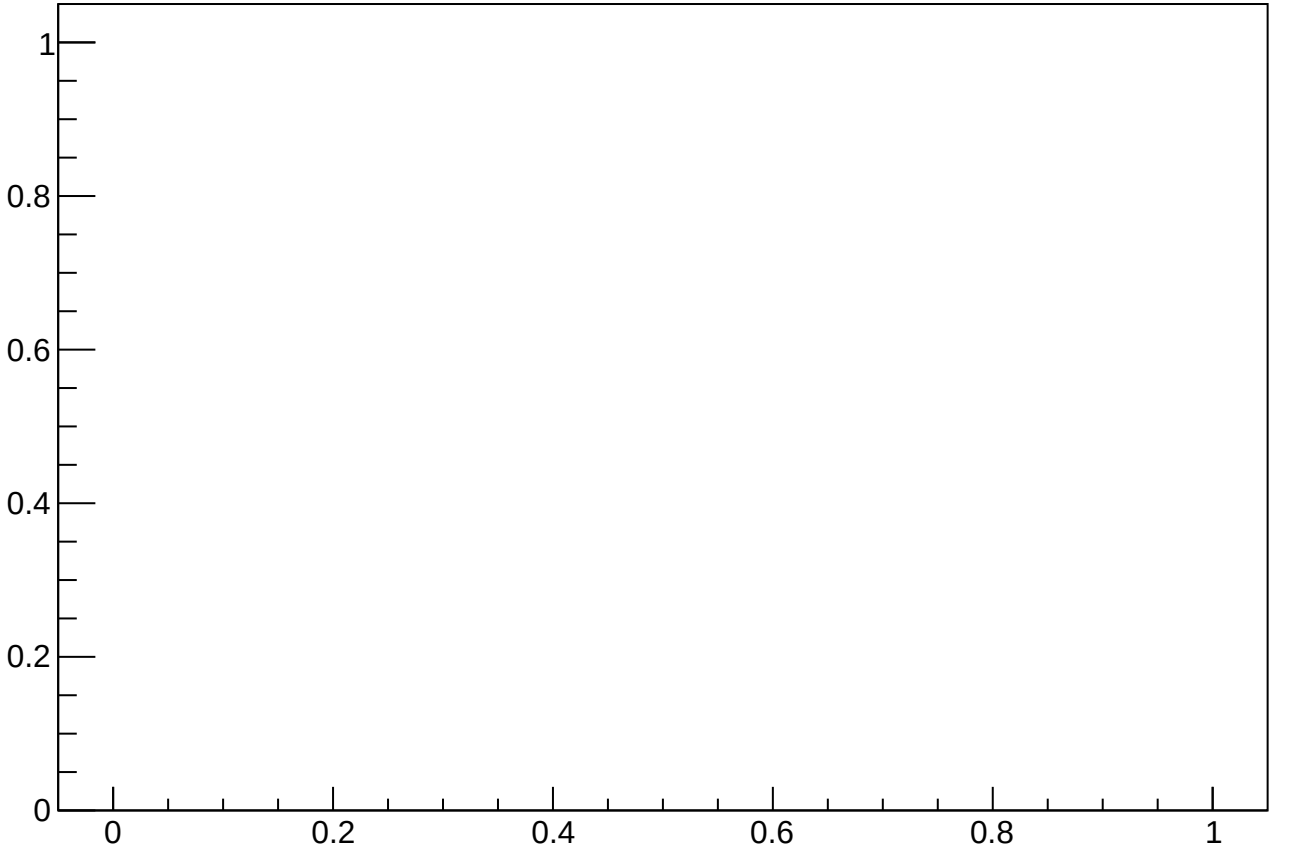
dit_usl_coil6_mean vs Slug, Sign Corrected



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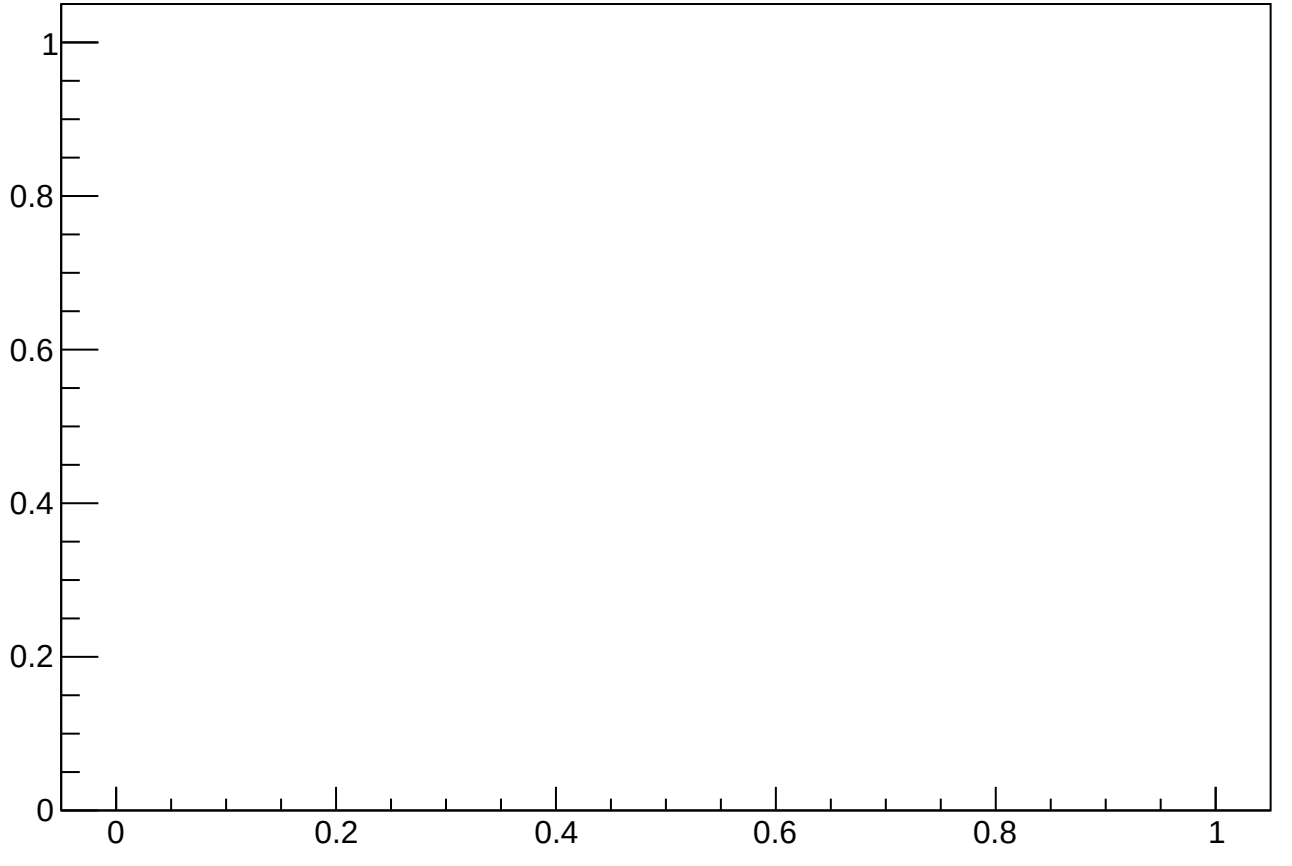
dit_usl_coil6_err_mean vs Slug, Sign Corrected



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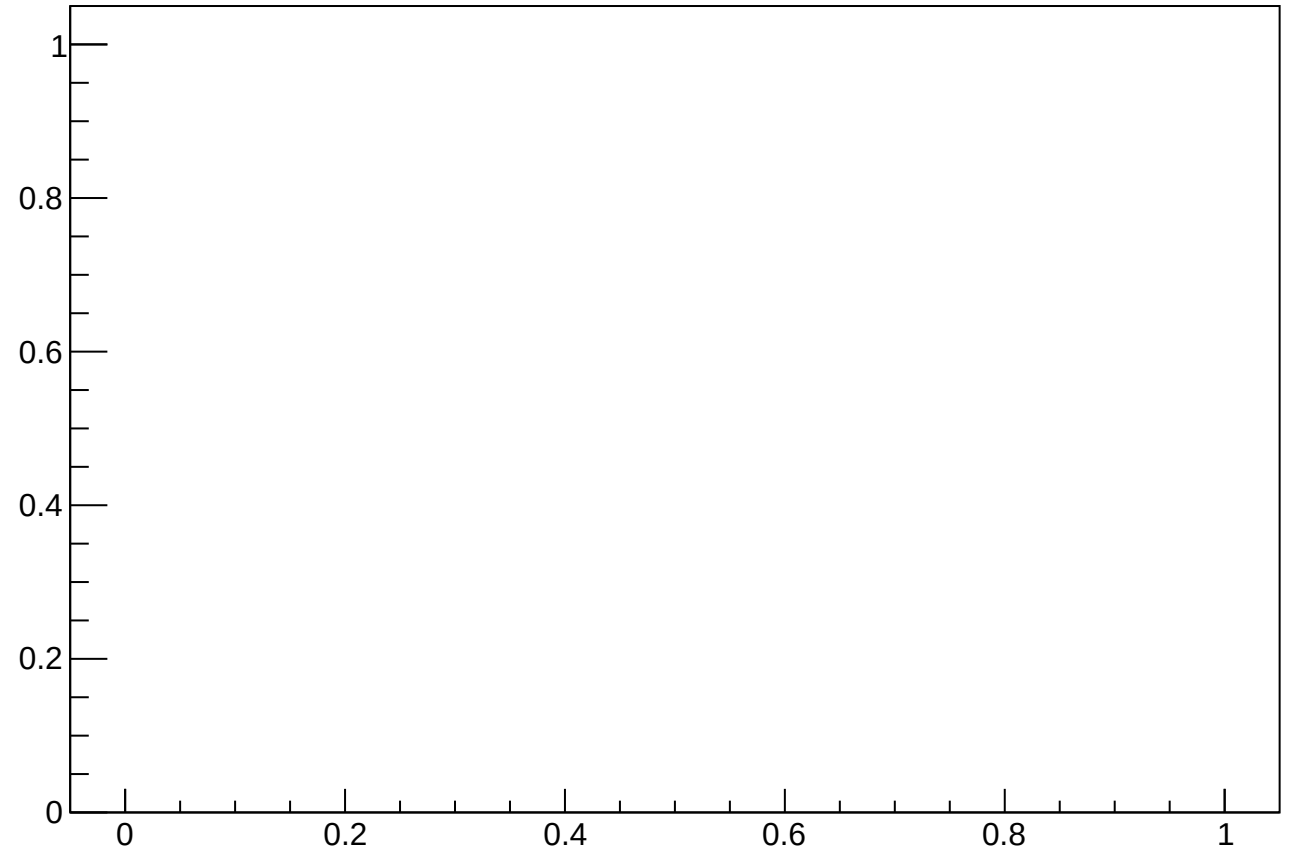

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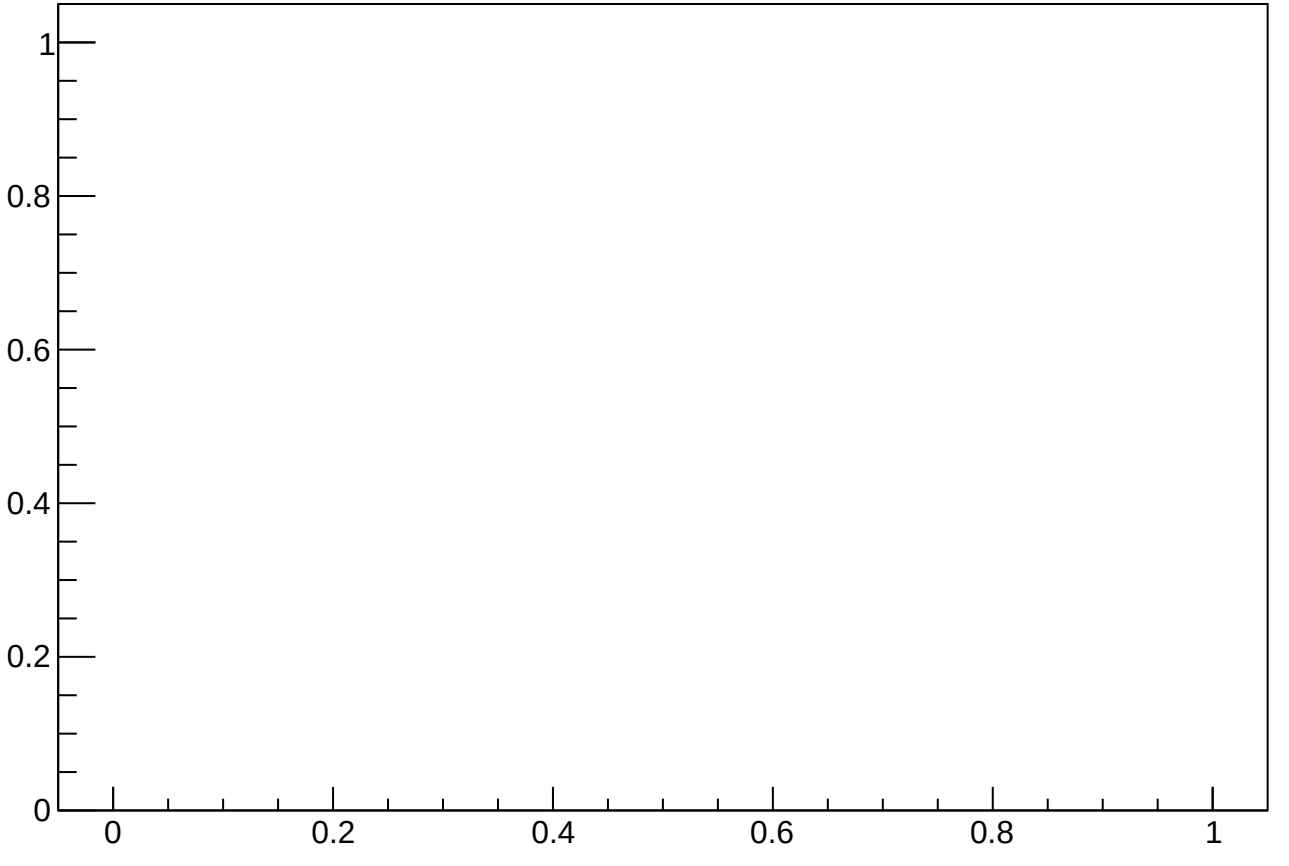
dit_usr_coil6_mean vs Slug, Sign Corrected



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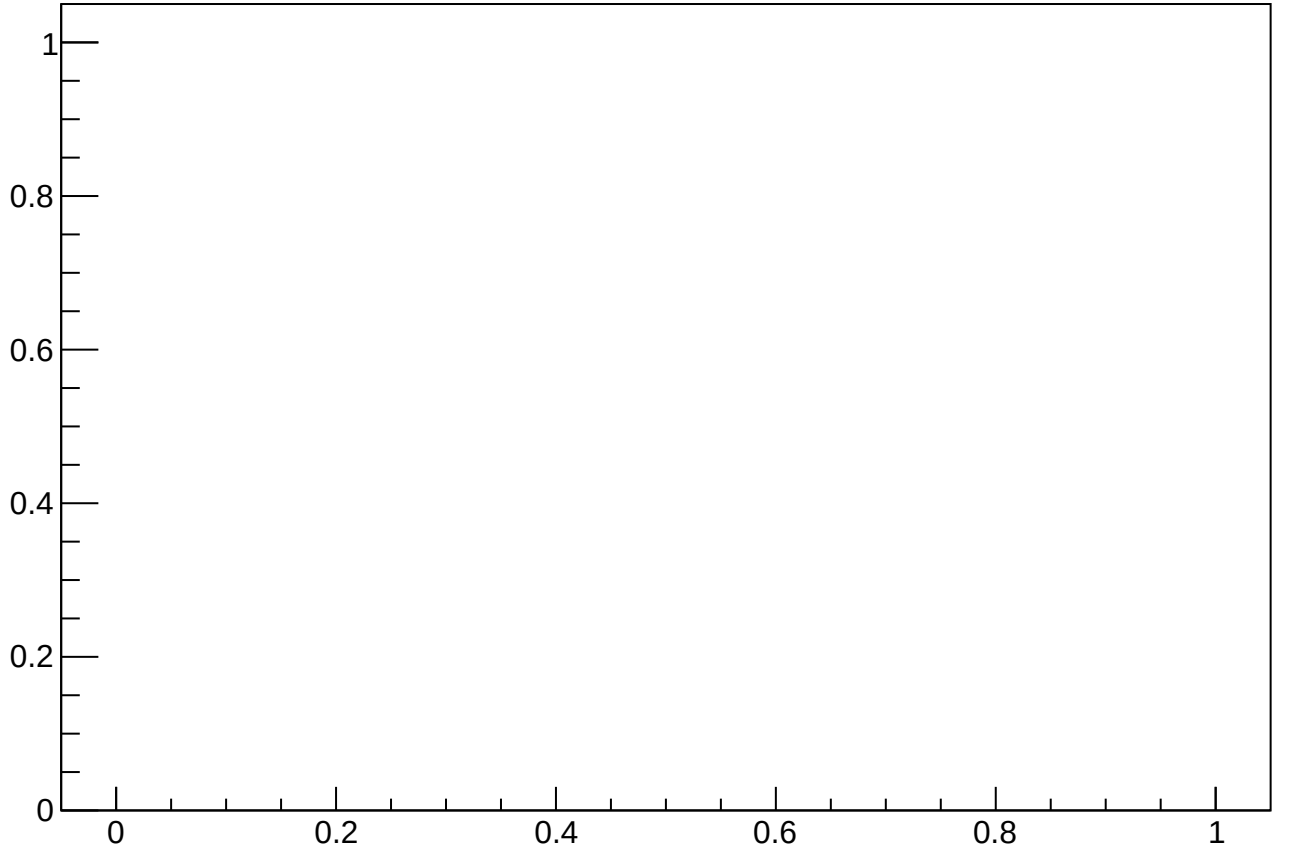
dit_usr_coil6_err_mean vs Slug, Sign Corrected



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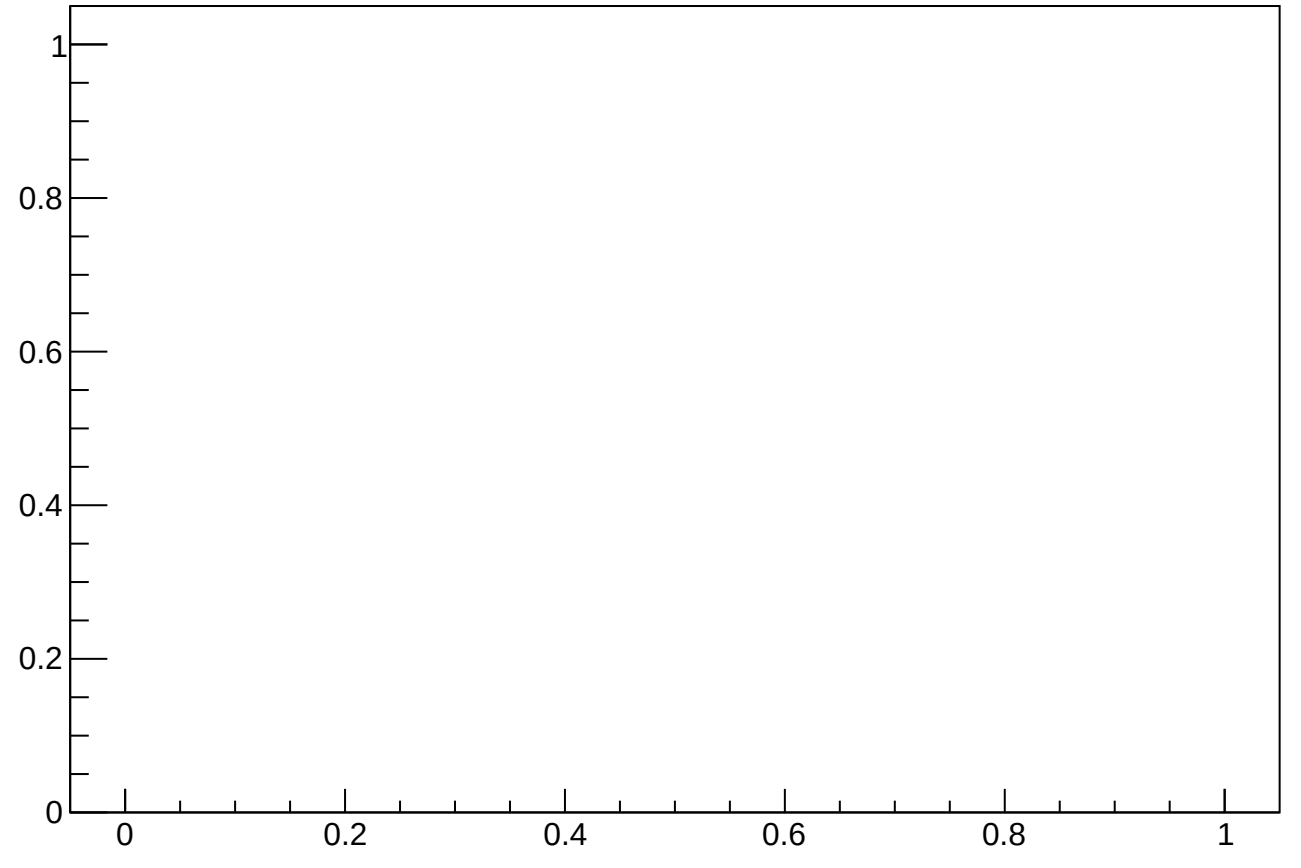

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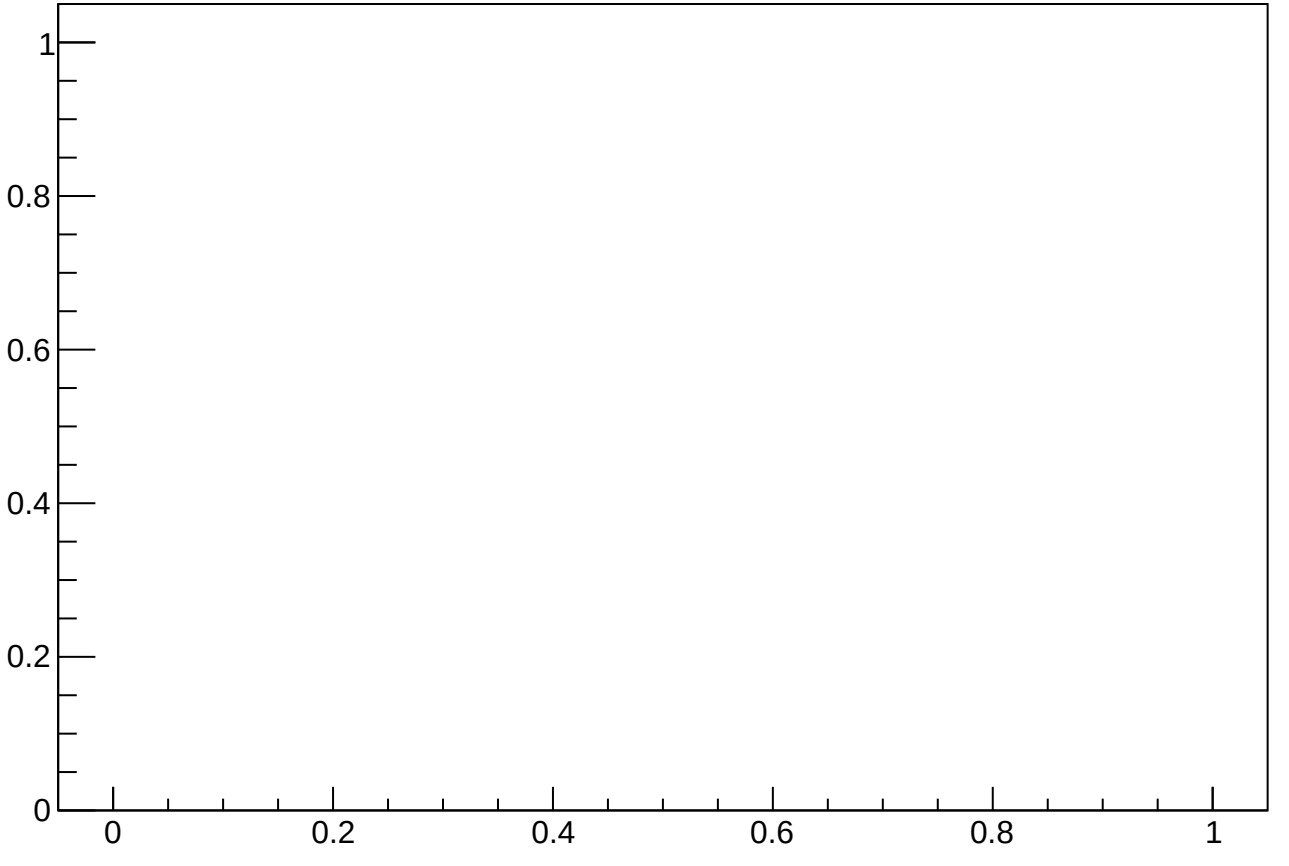
dit_atl1_coil6_mean vs Slug, Sign Corrected



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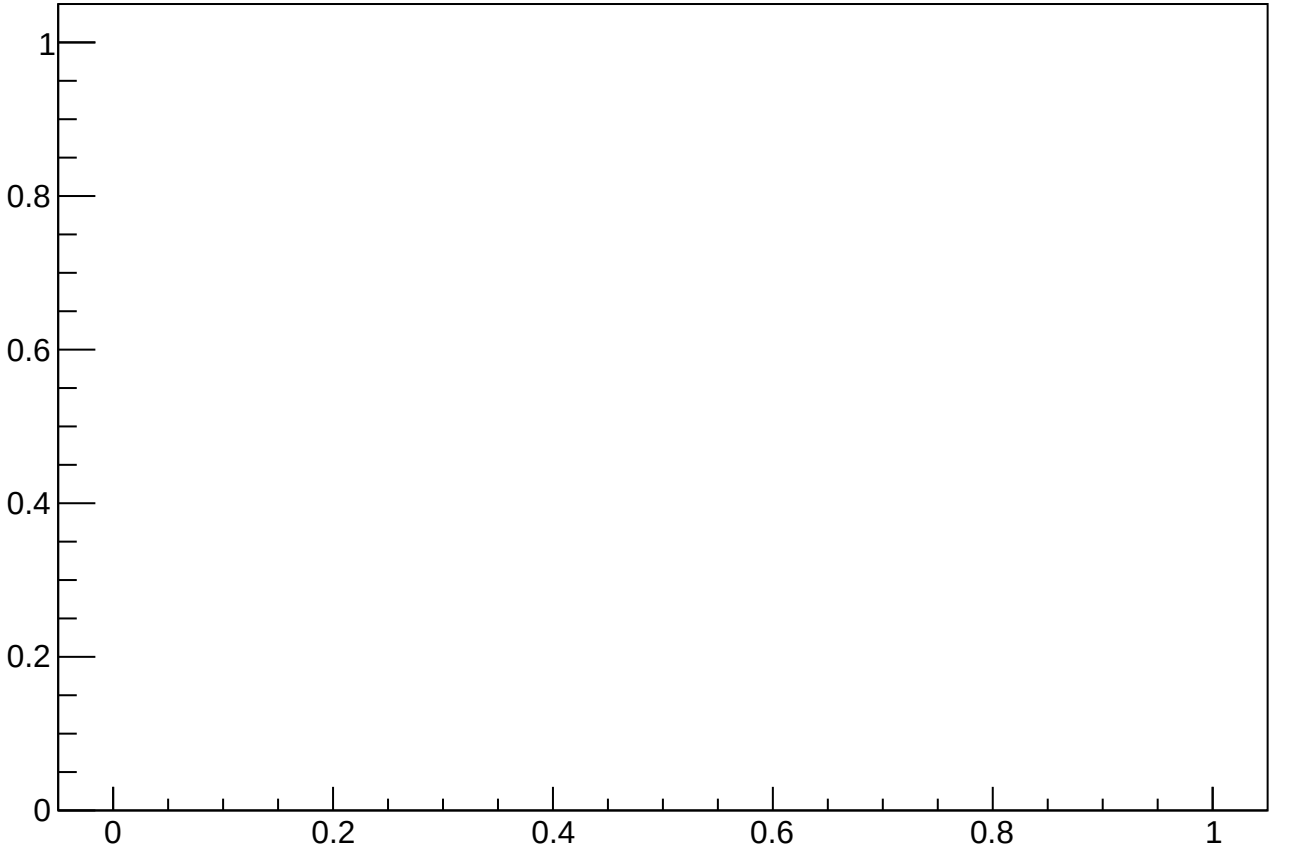
dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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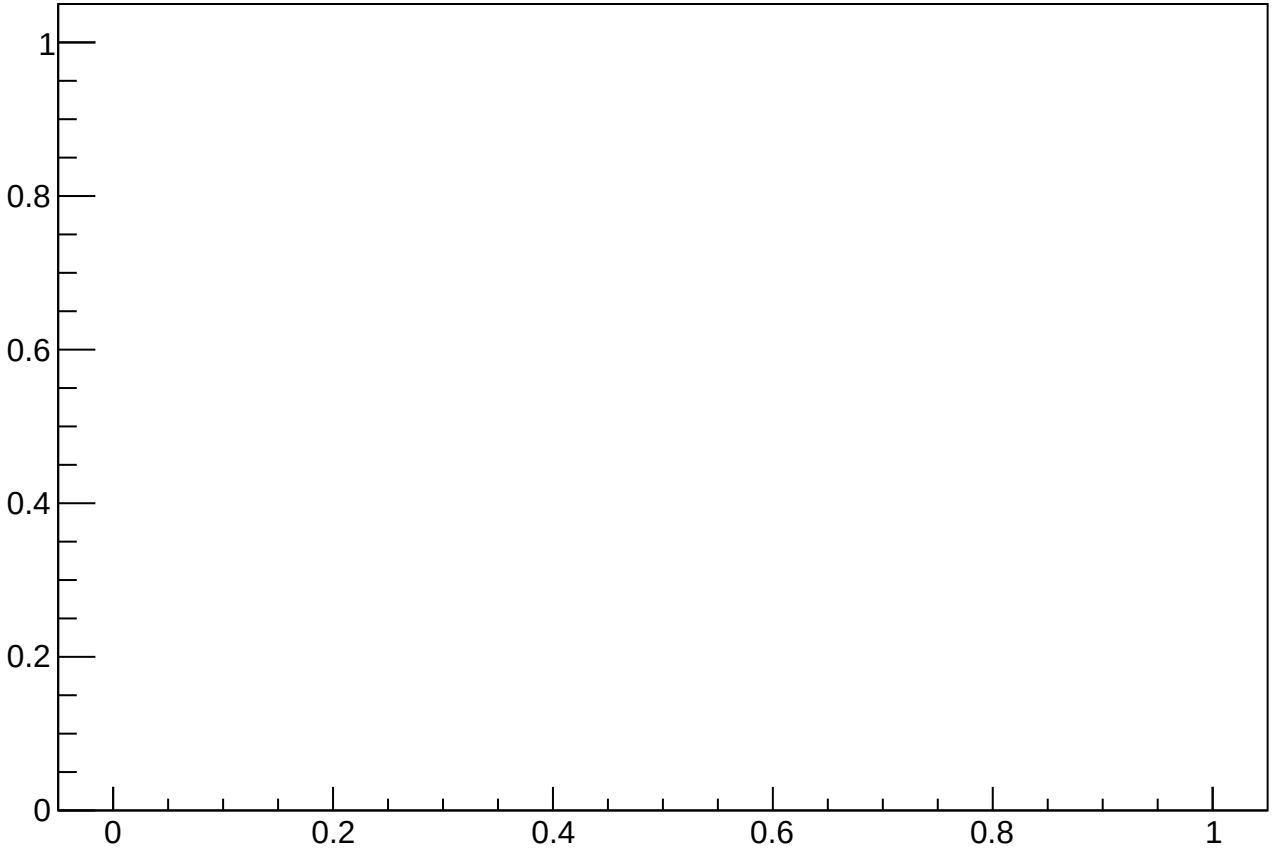
dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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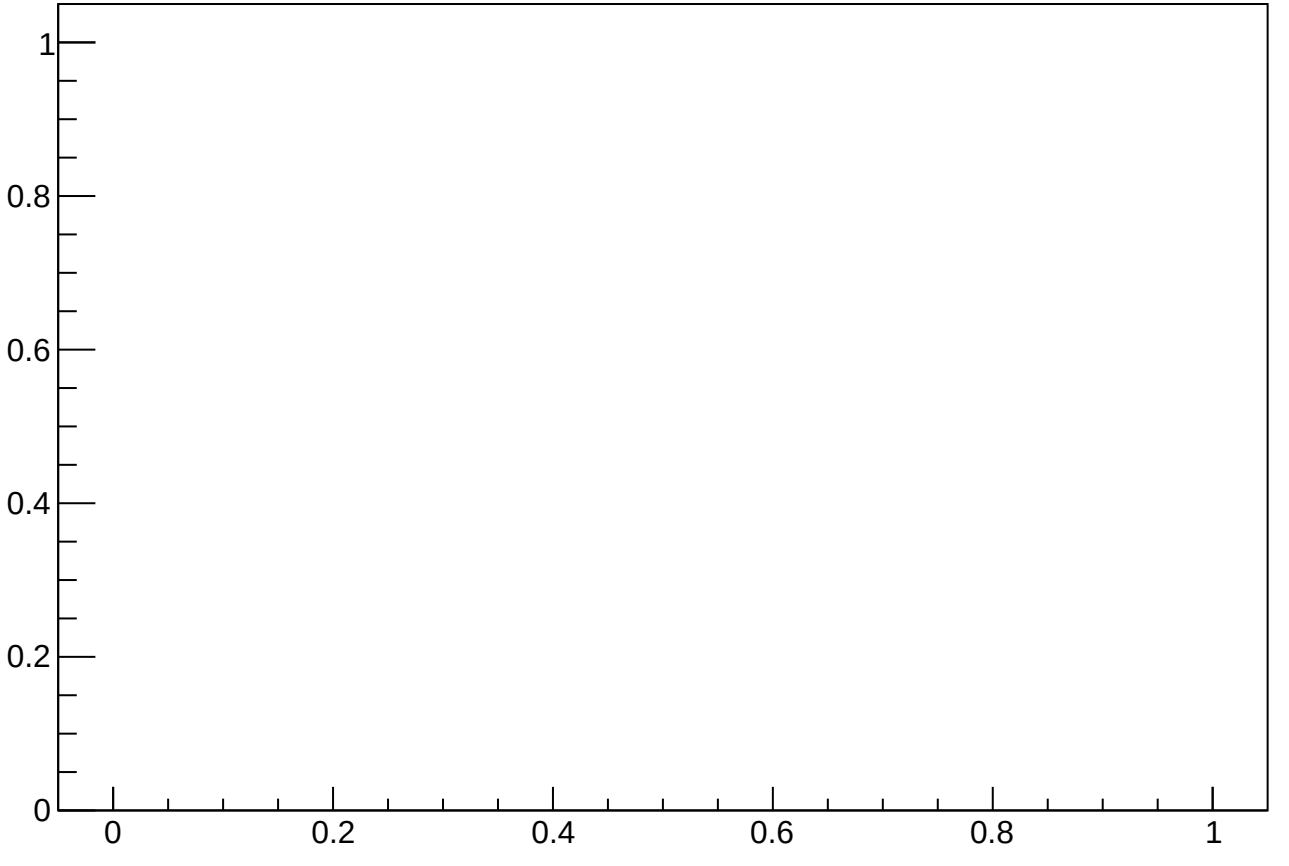

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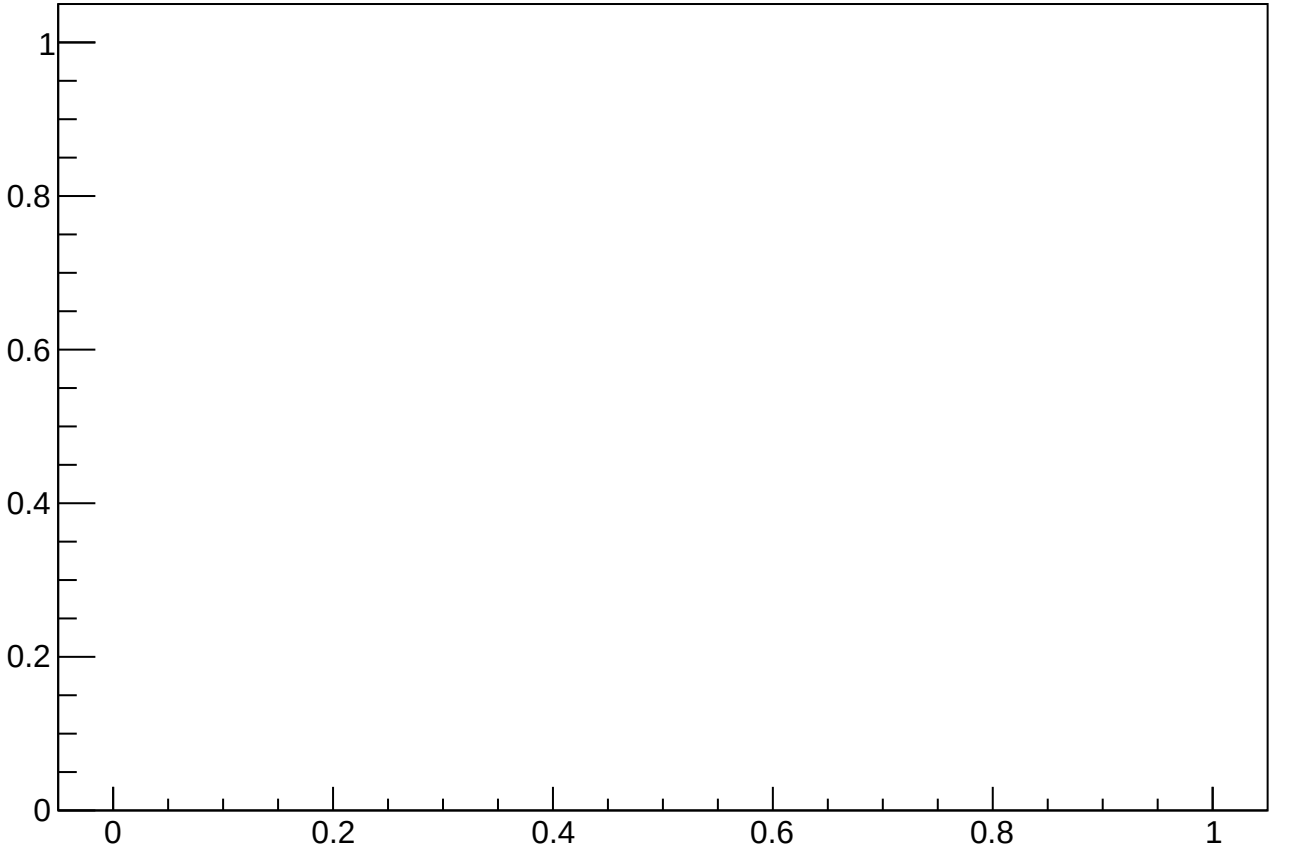
dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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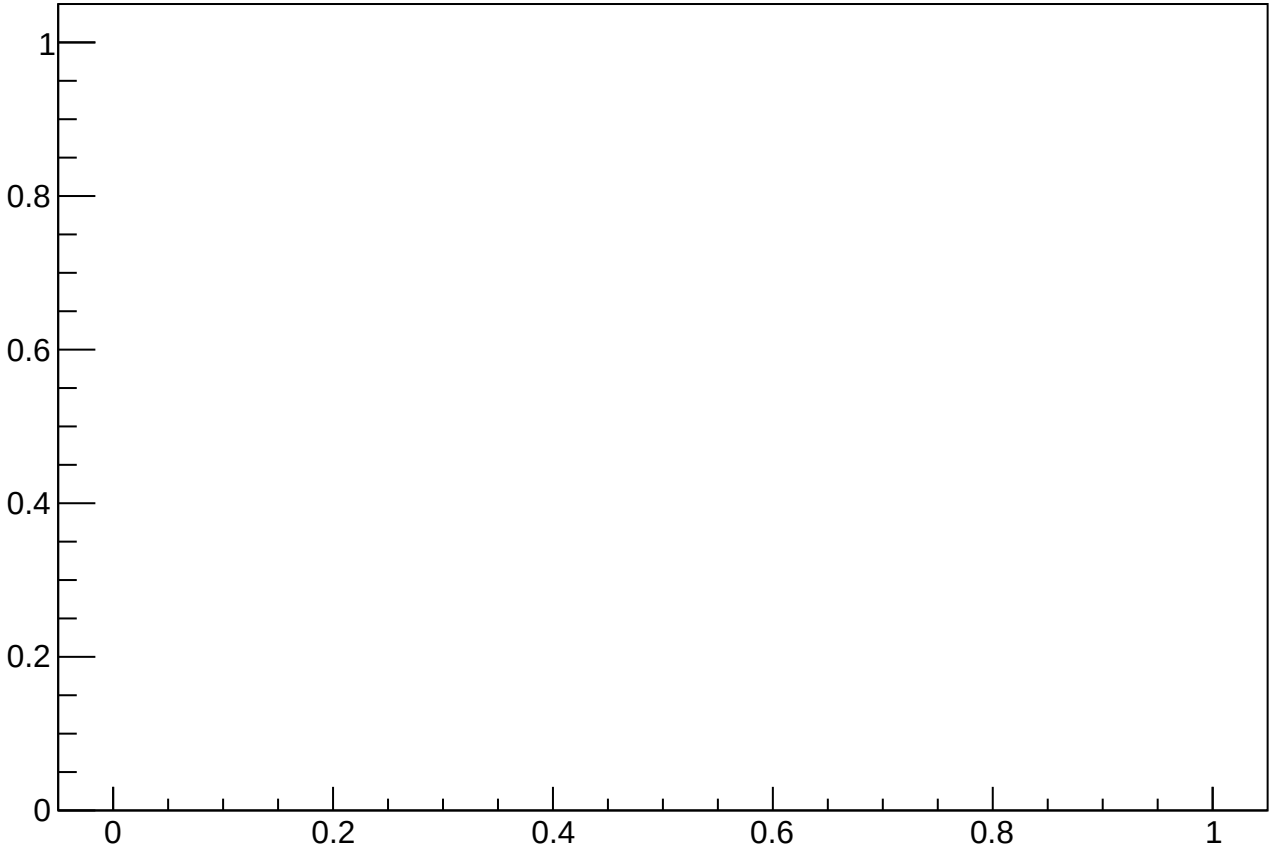
dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



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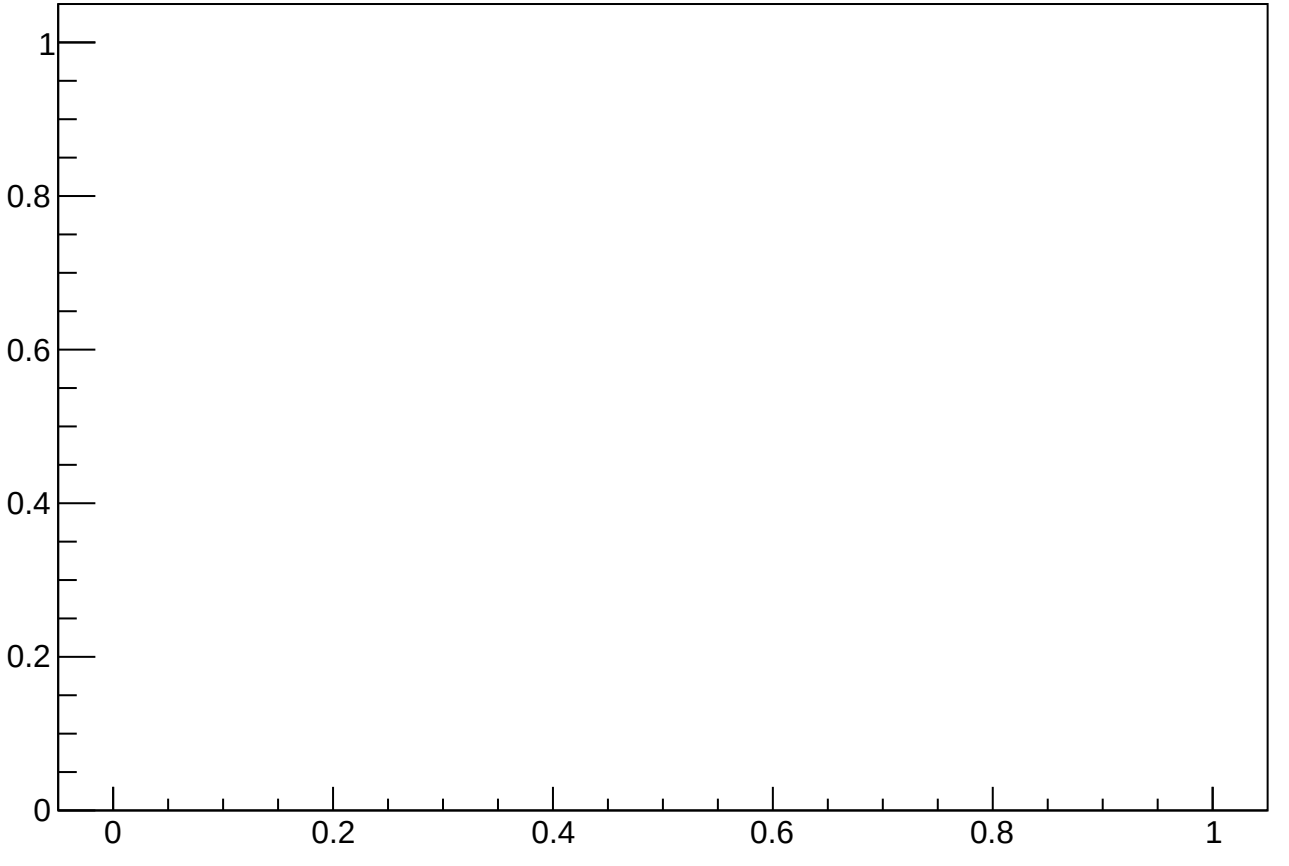

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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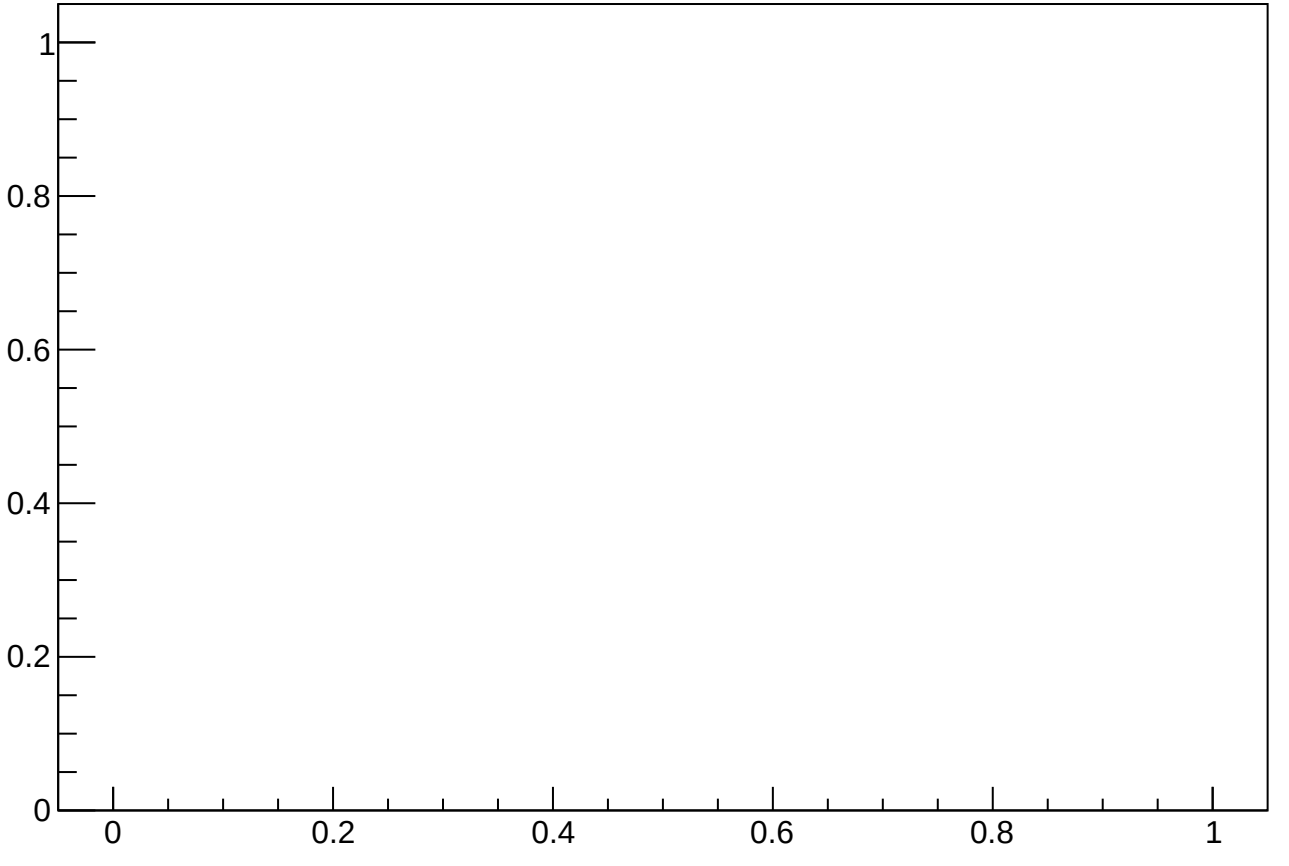
dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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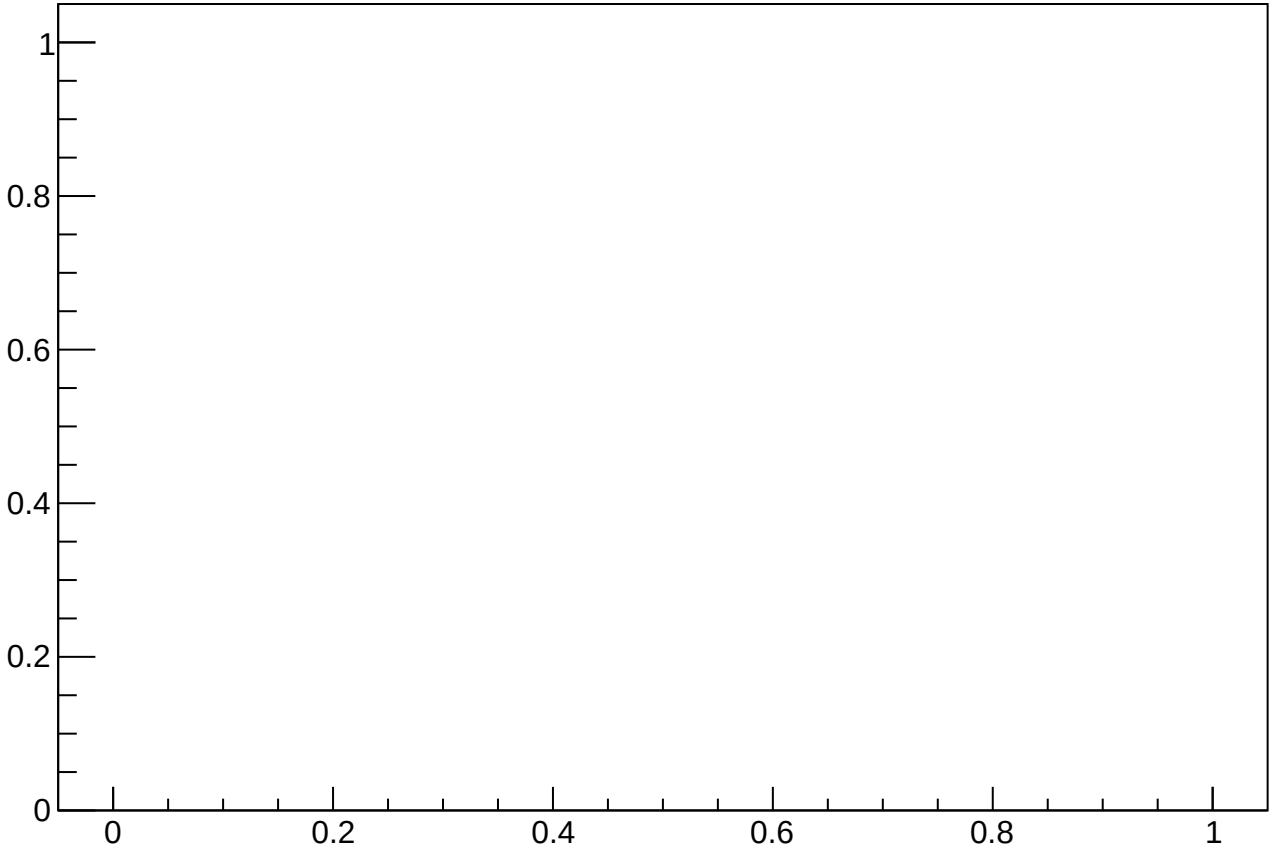
dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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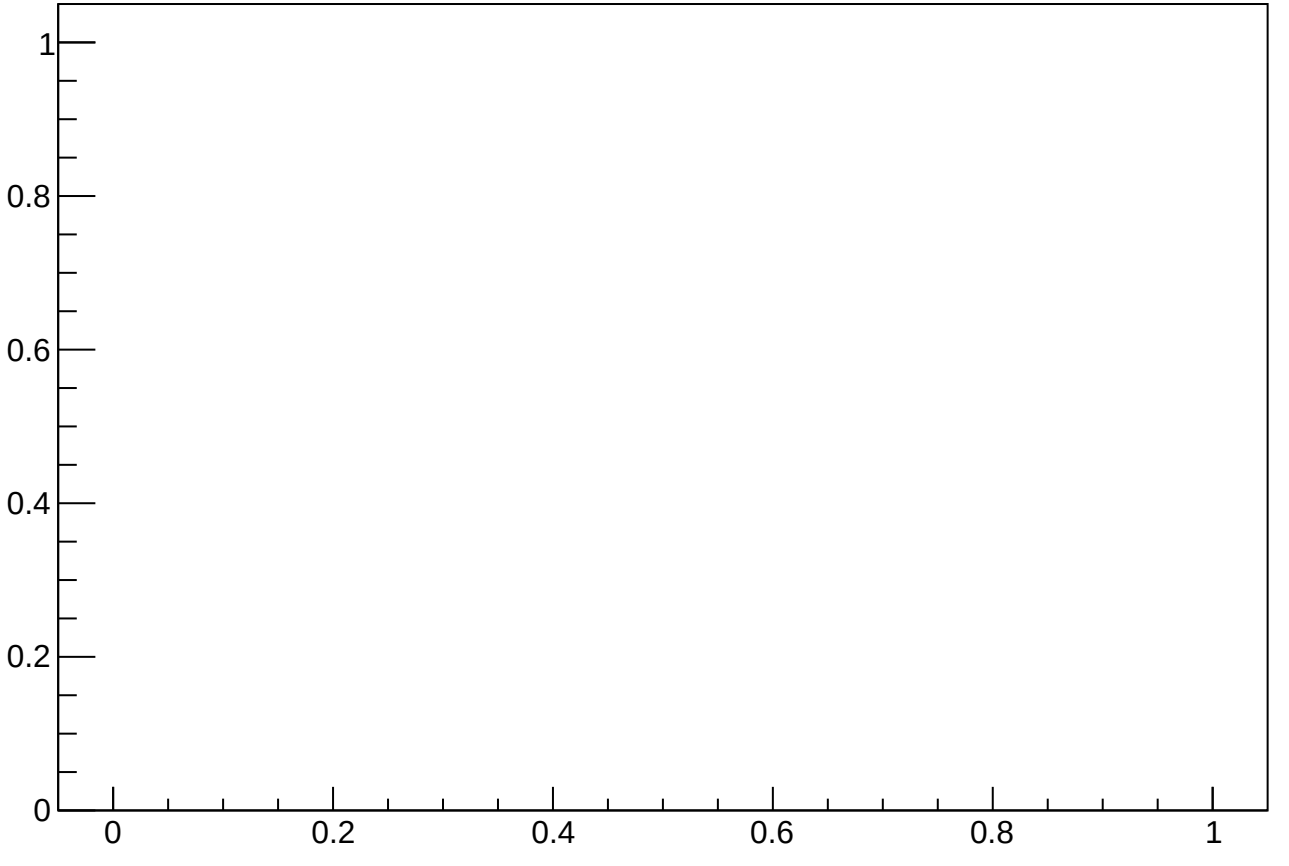

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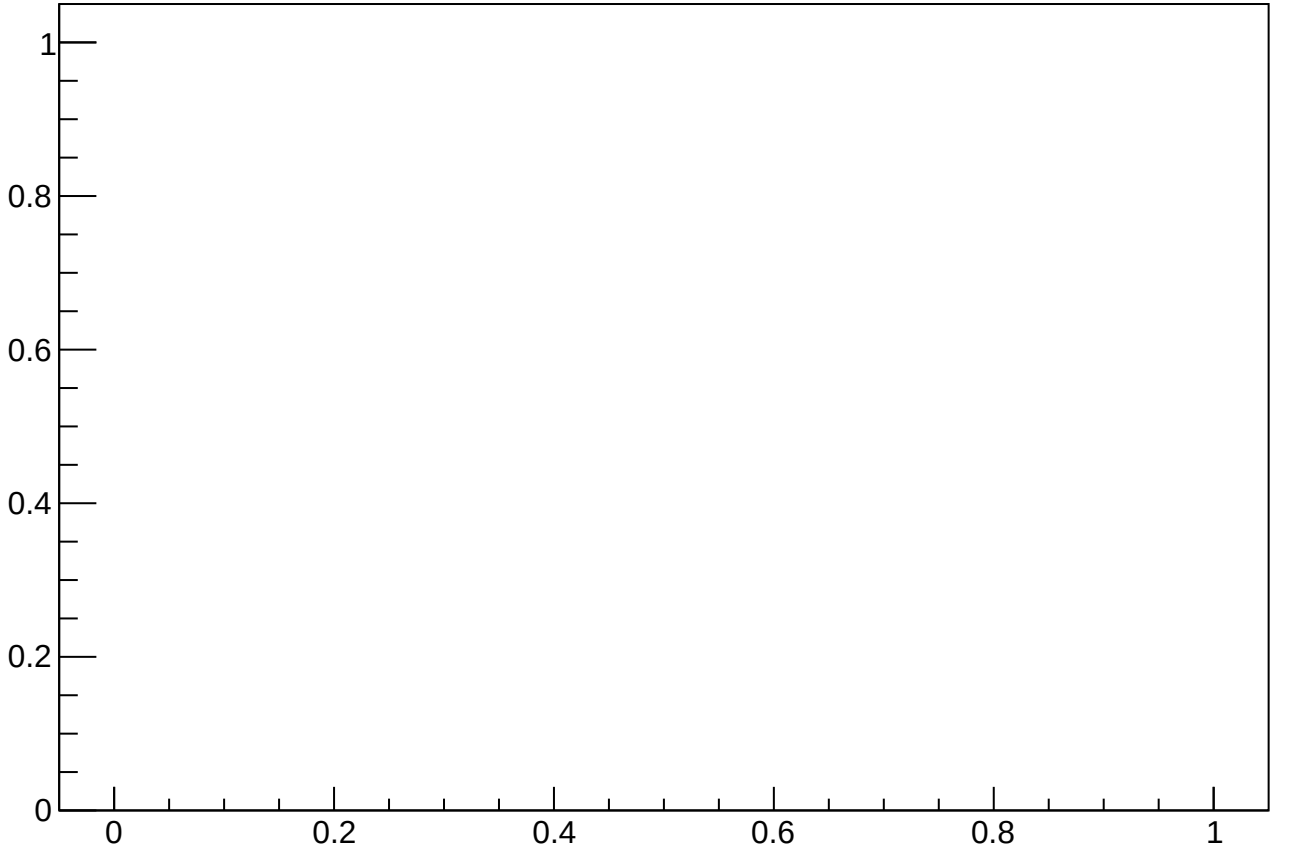
dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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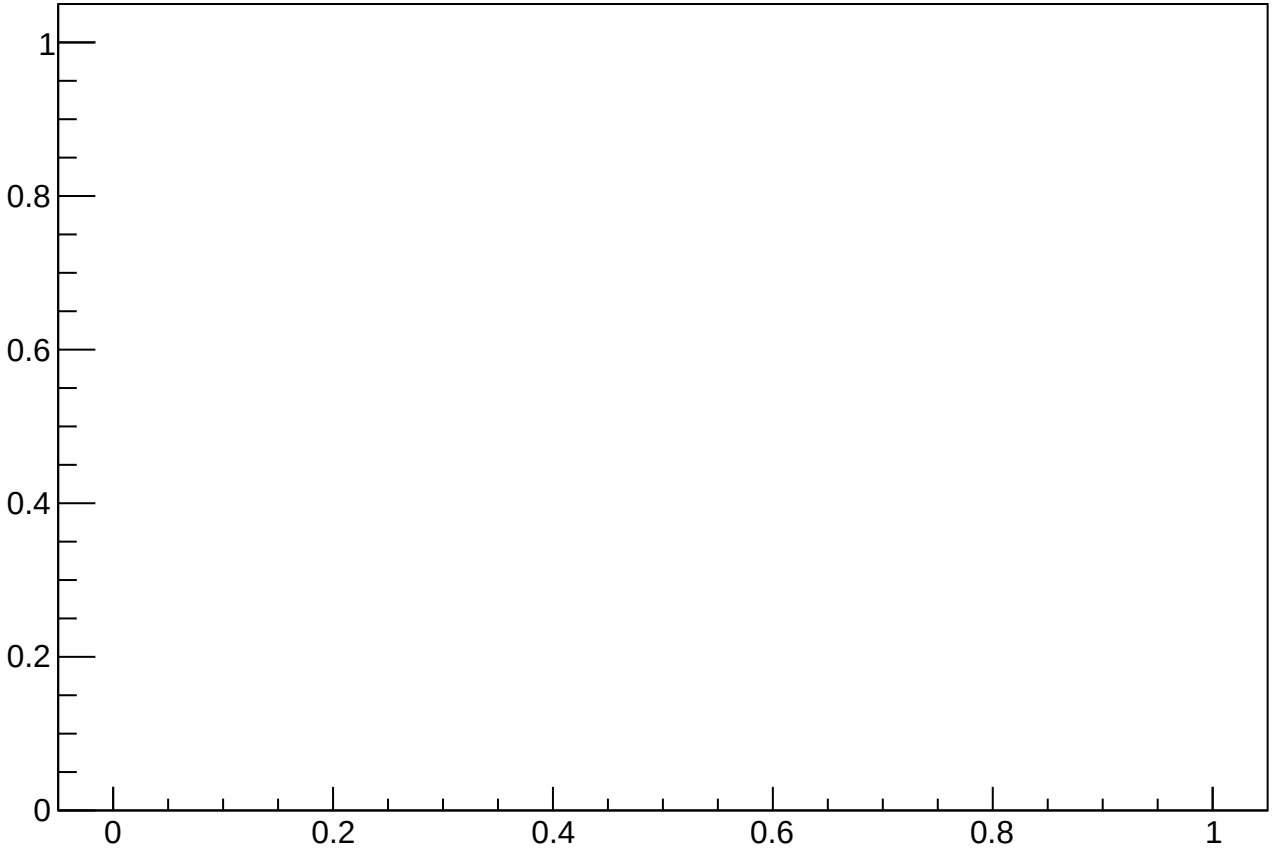
dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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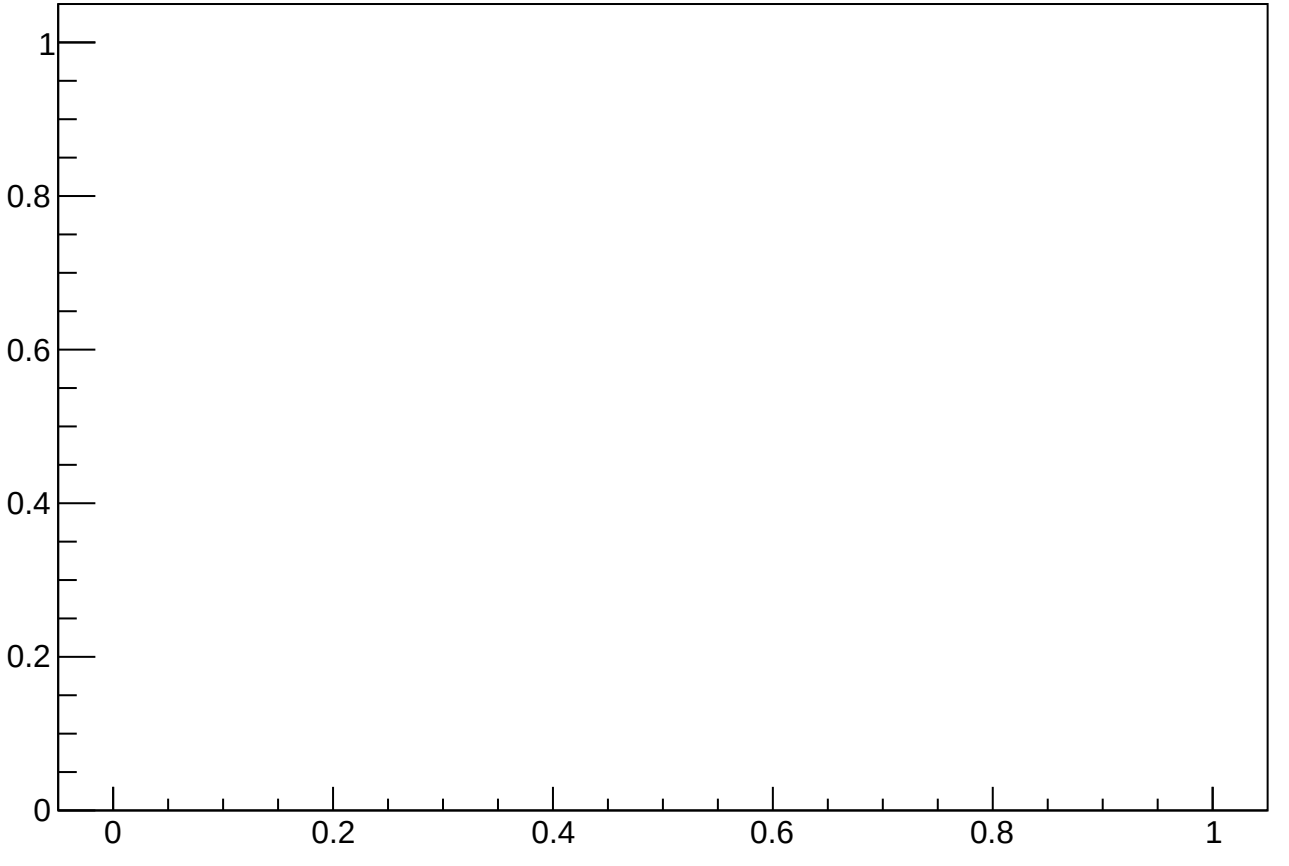
dit_sam1_coil6_mean vs Slug, Sign Corrected



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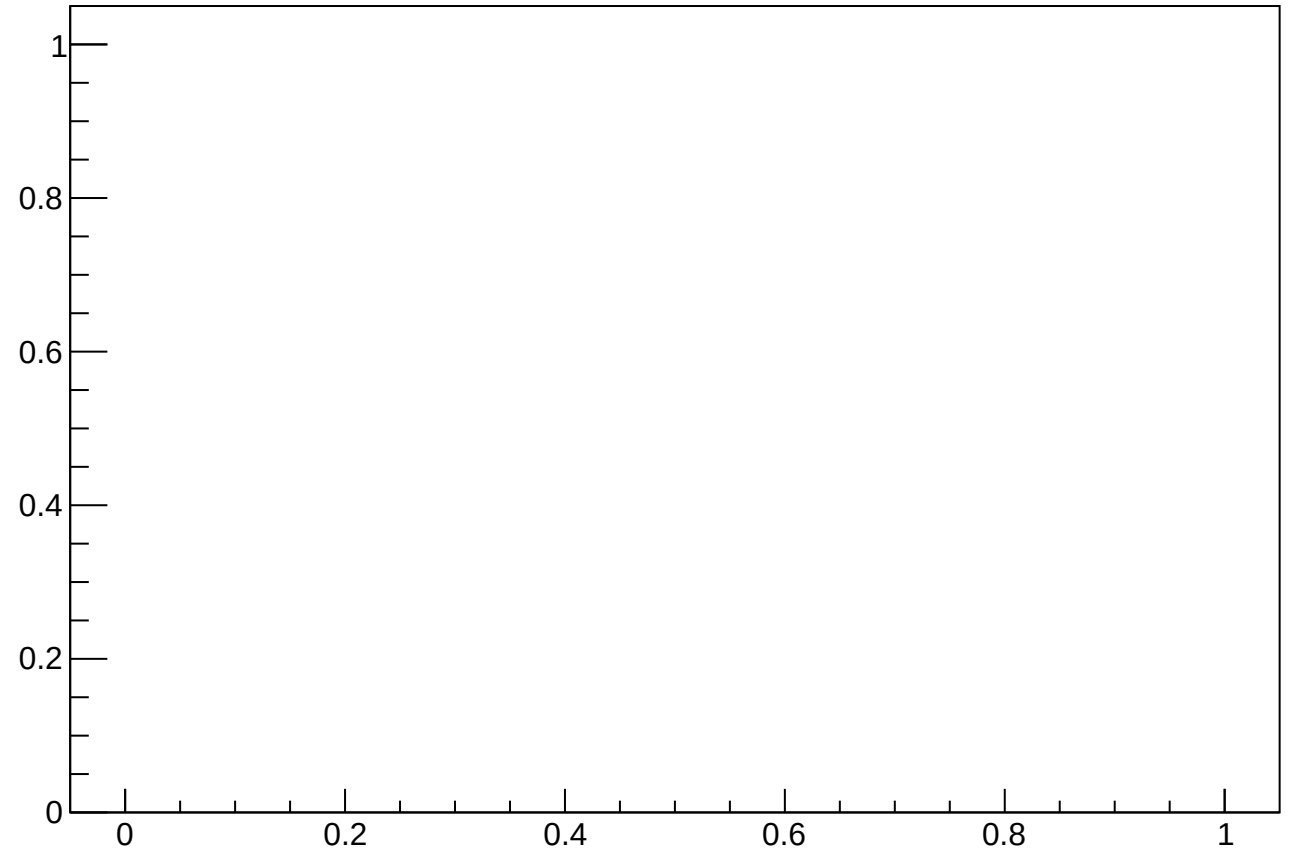

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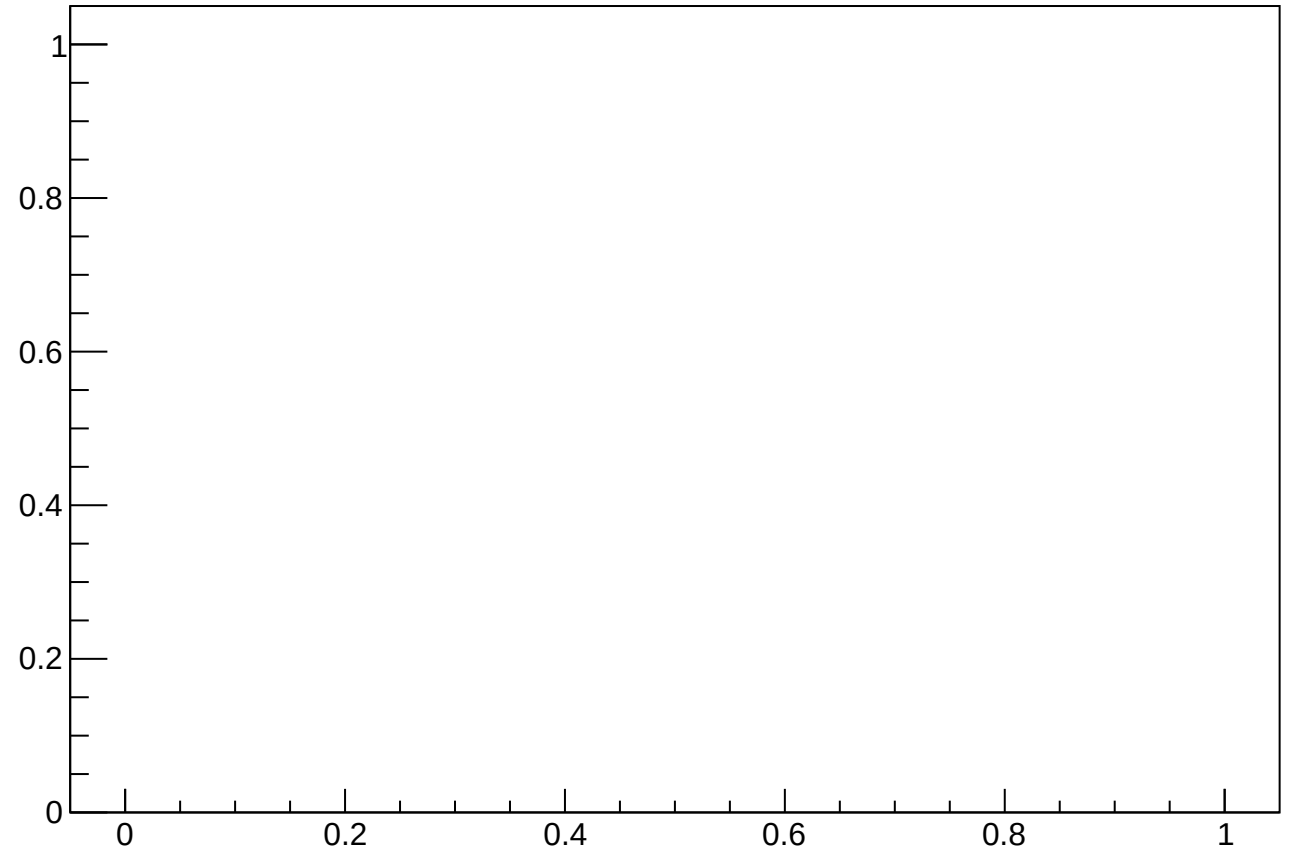

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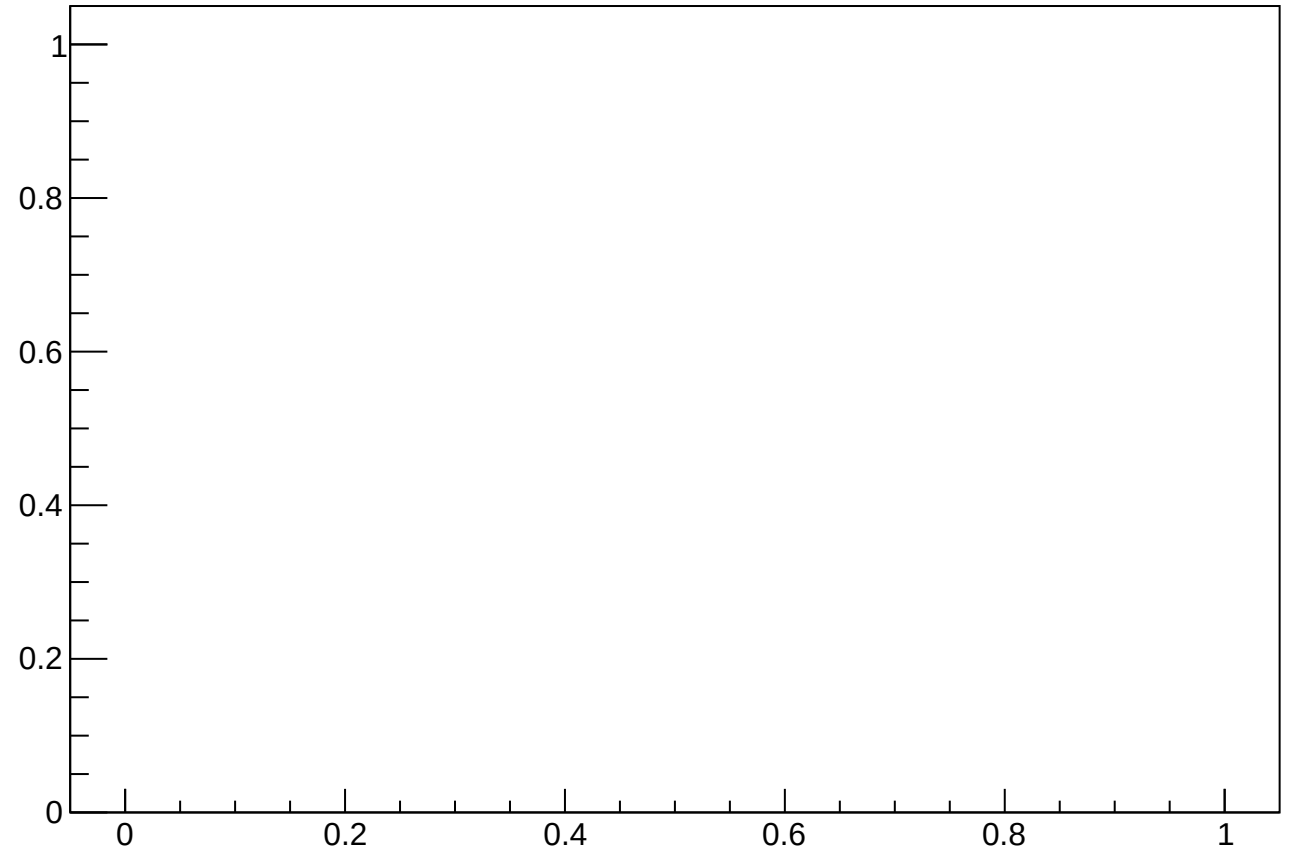

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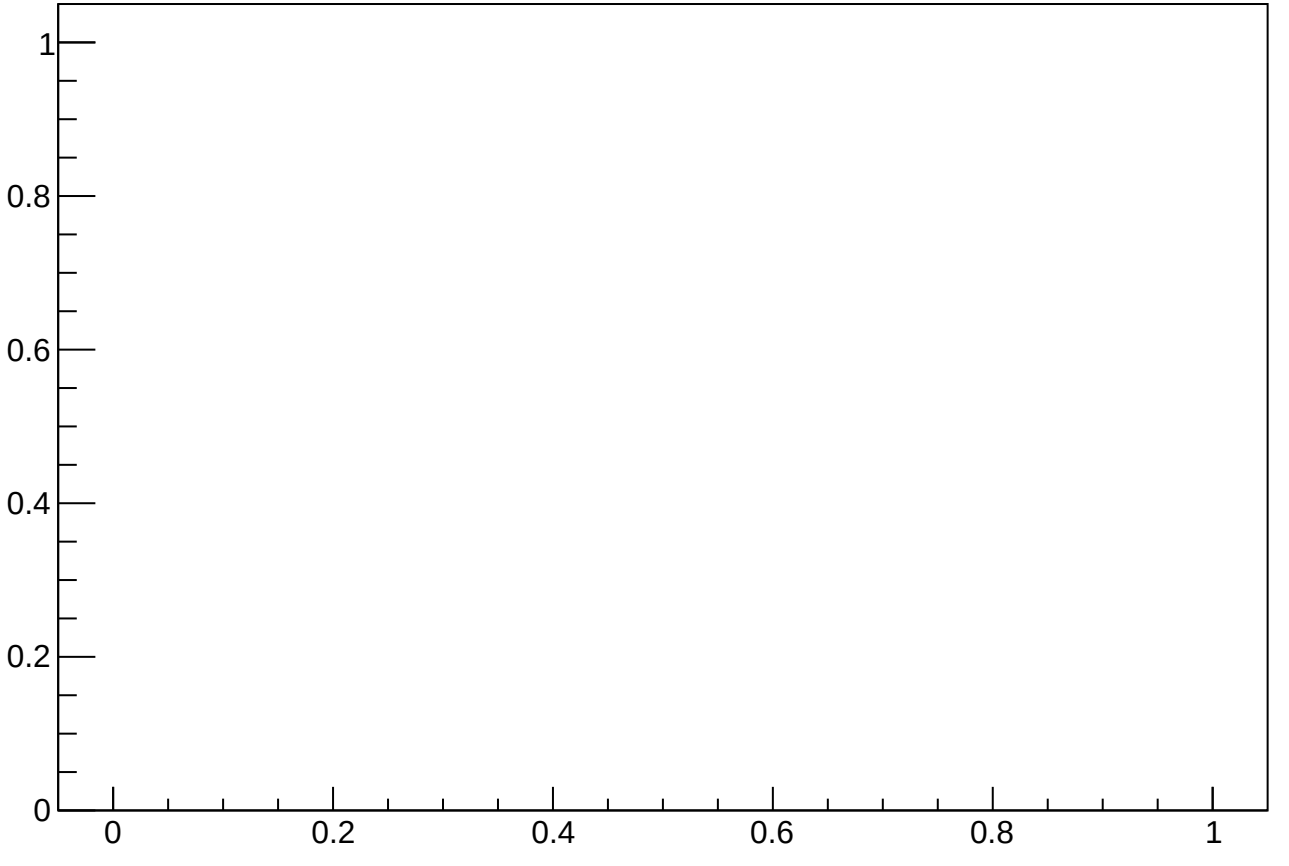
dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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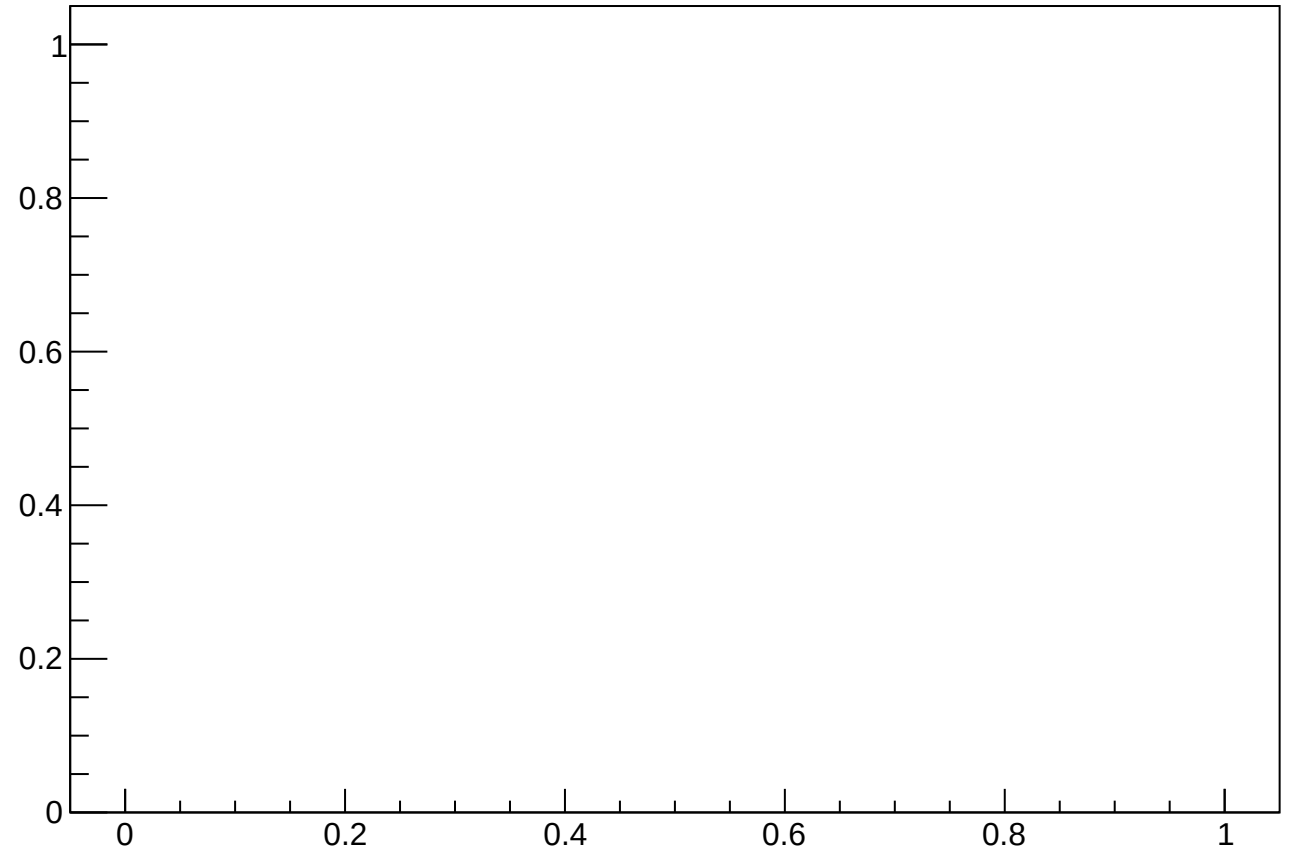

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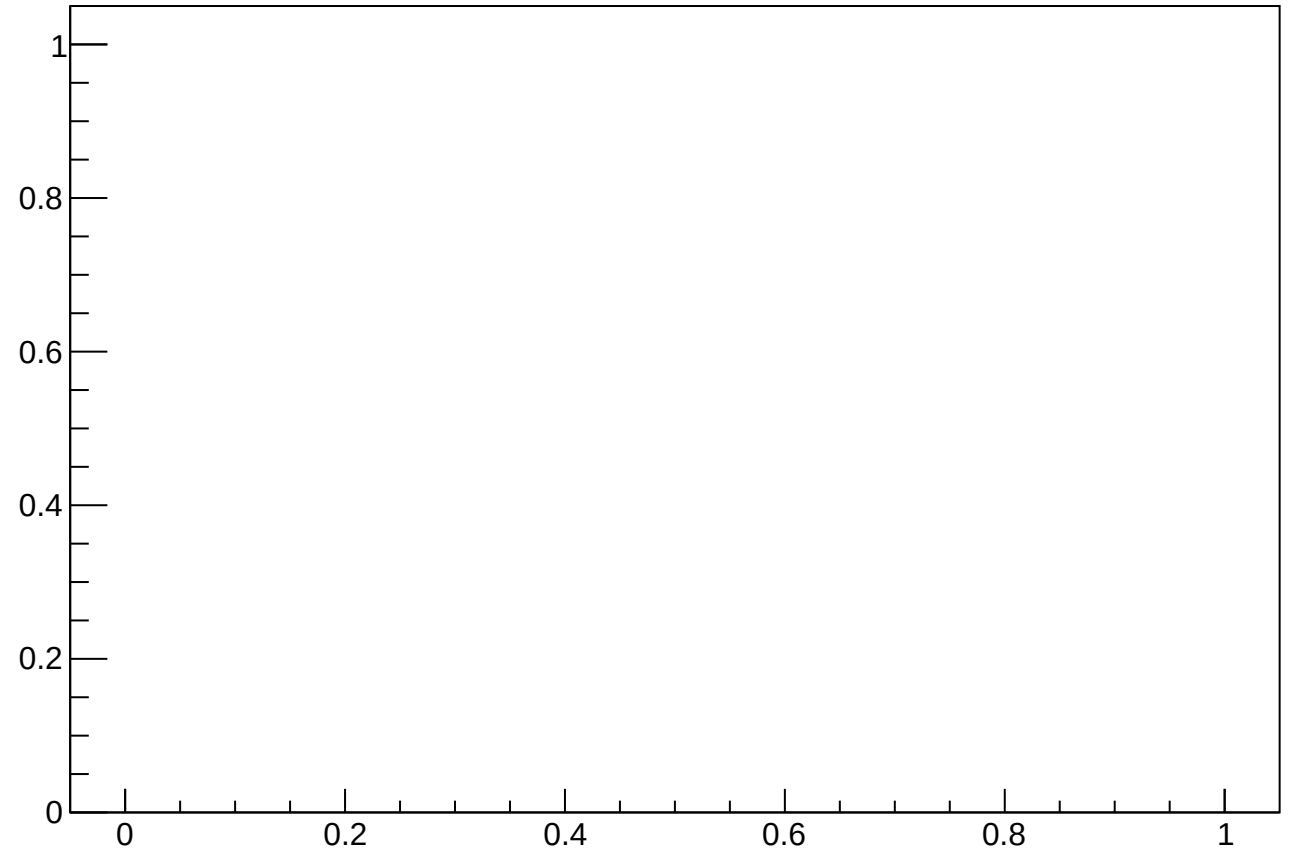

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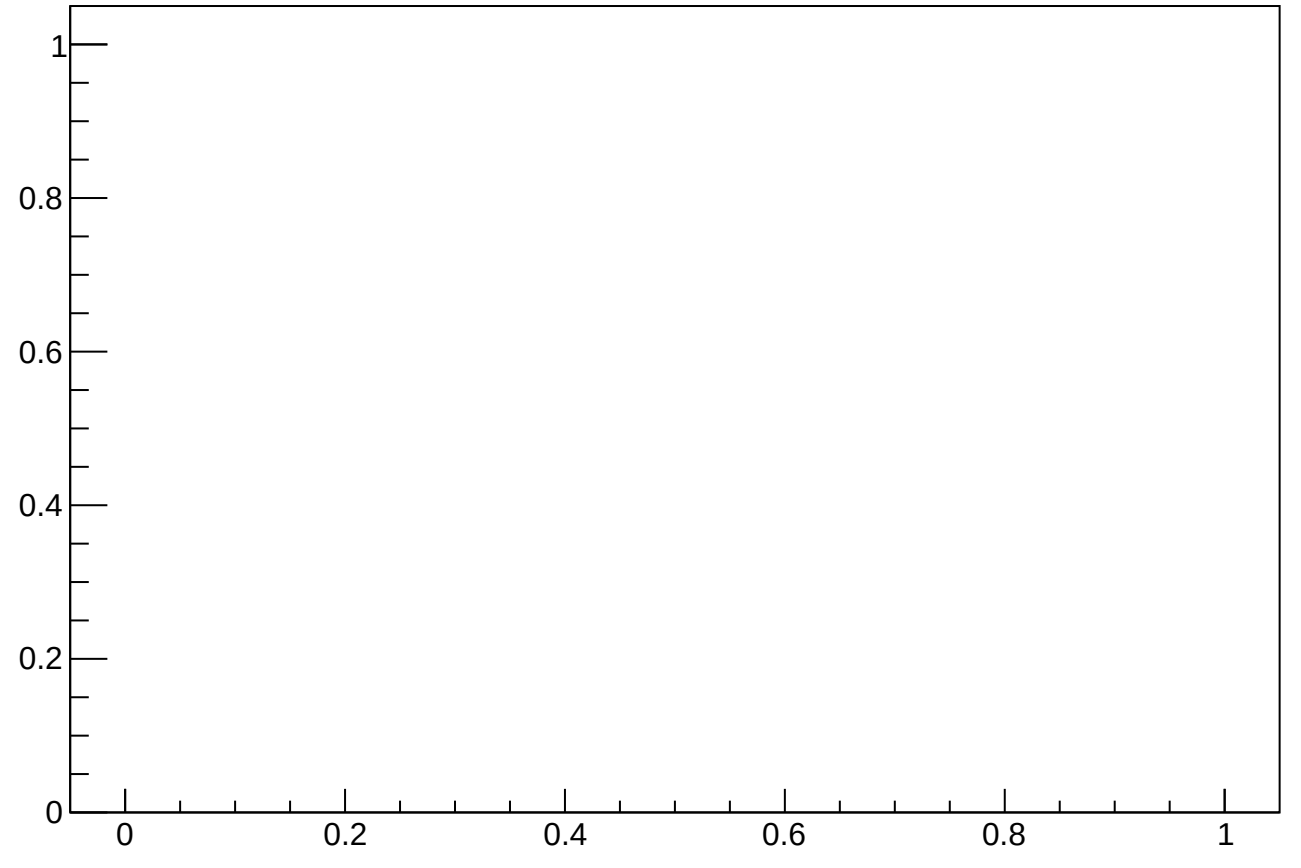

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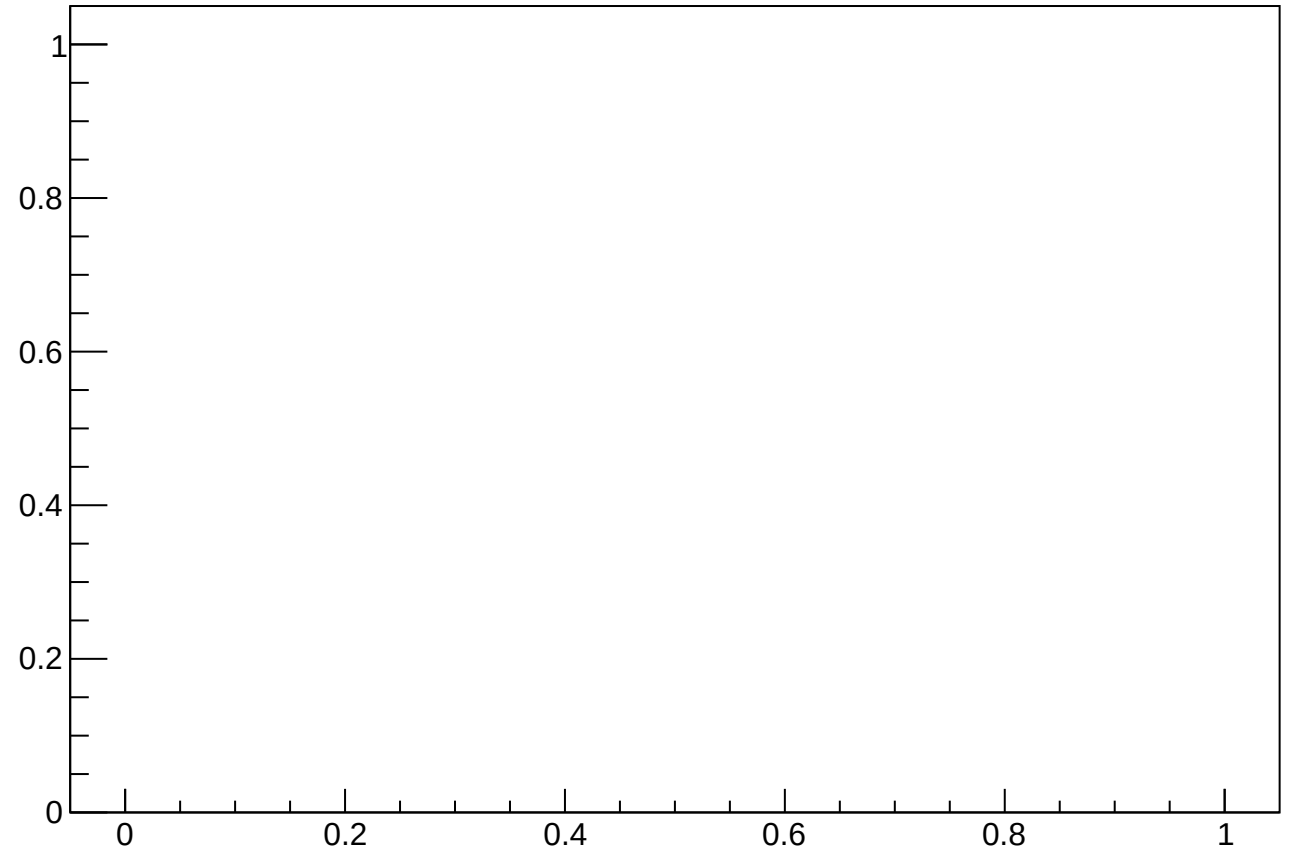

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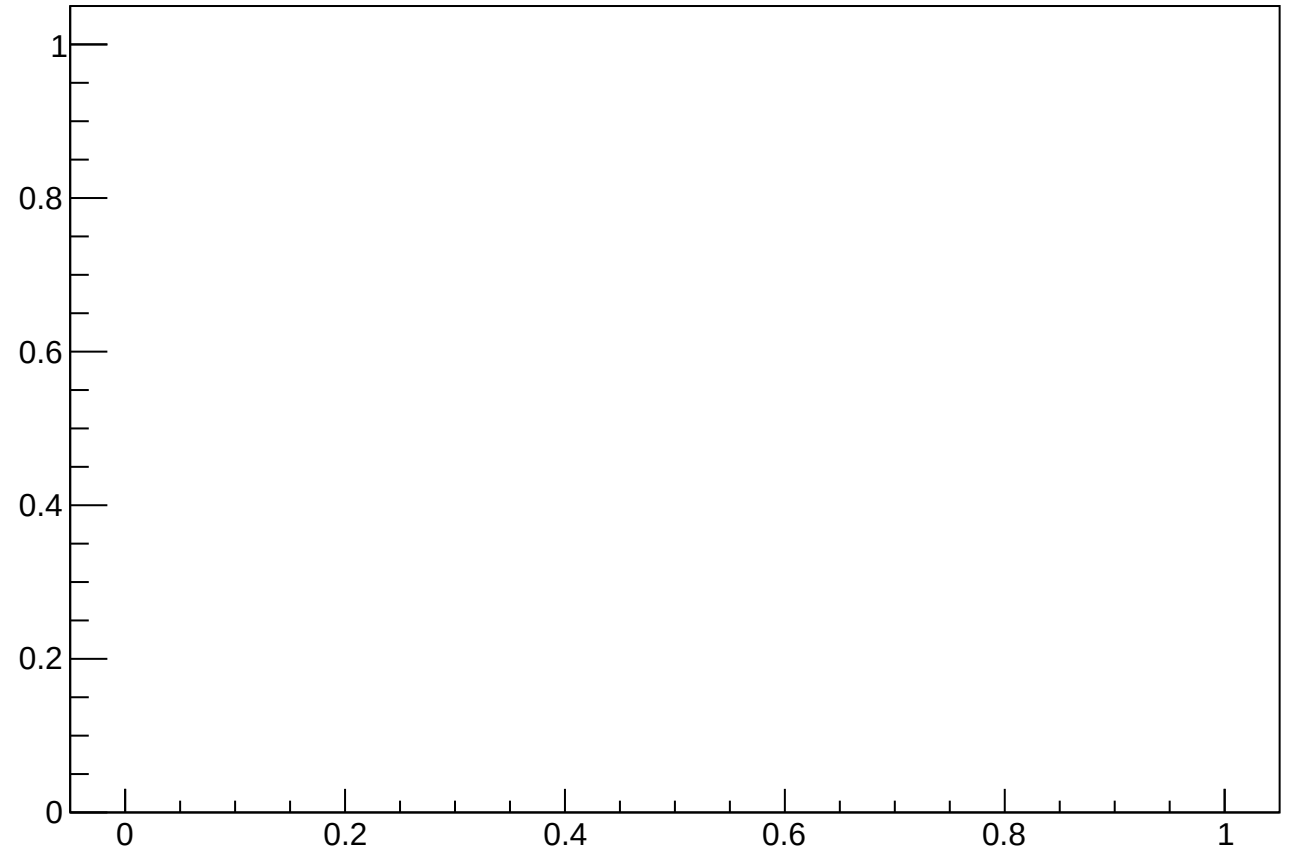

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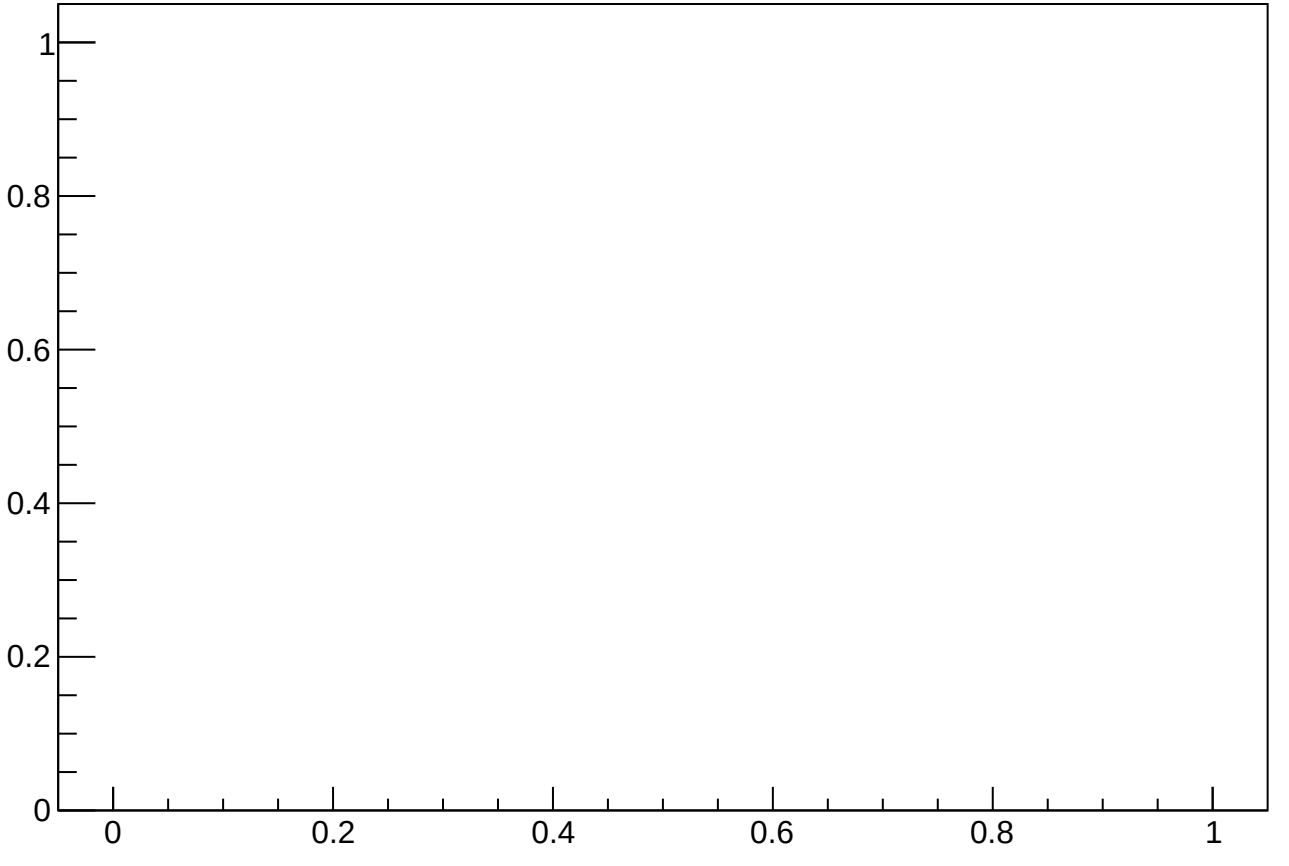
dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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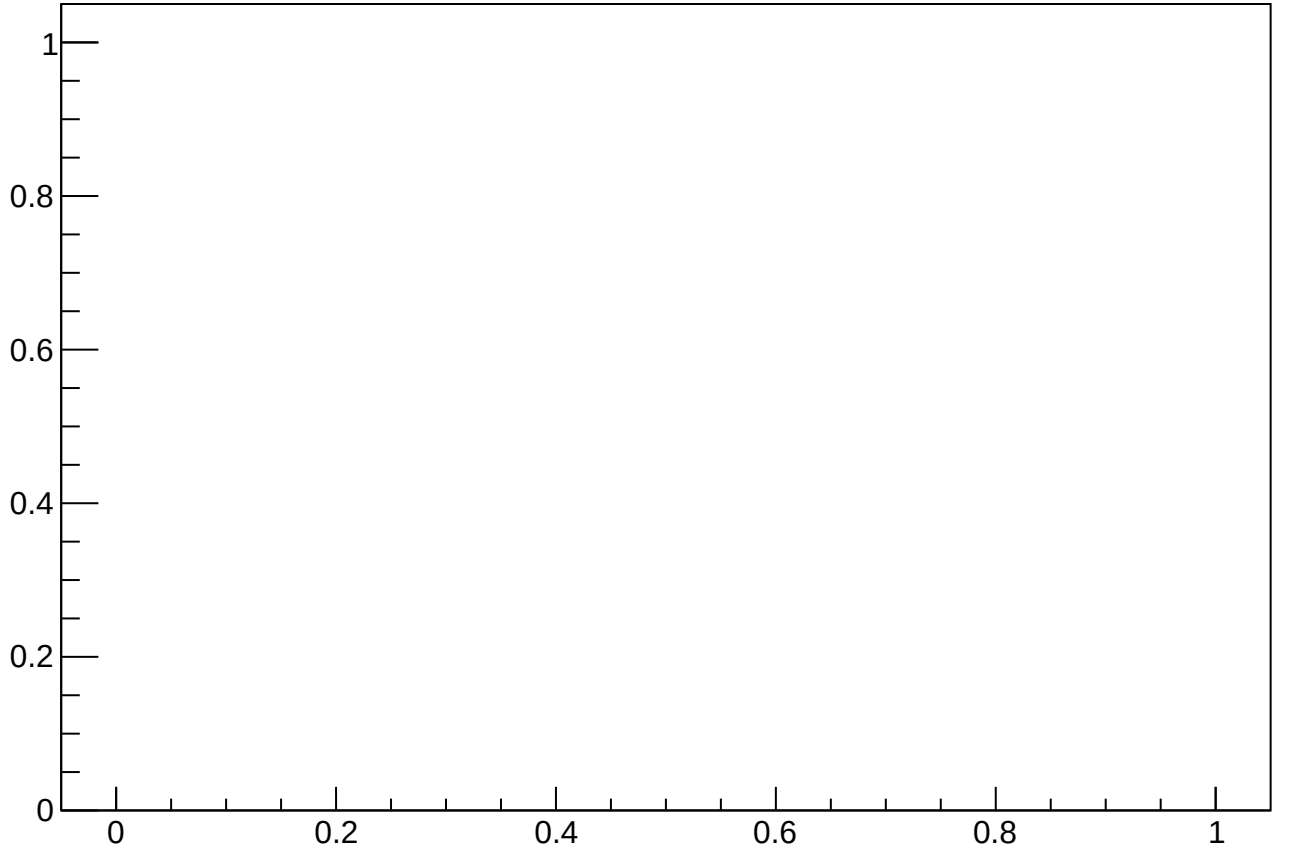
dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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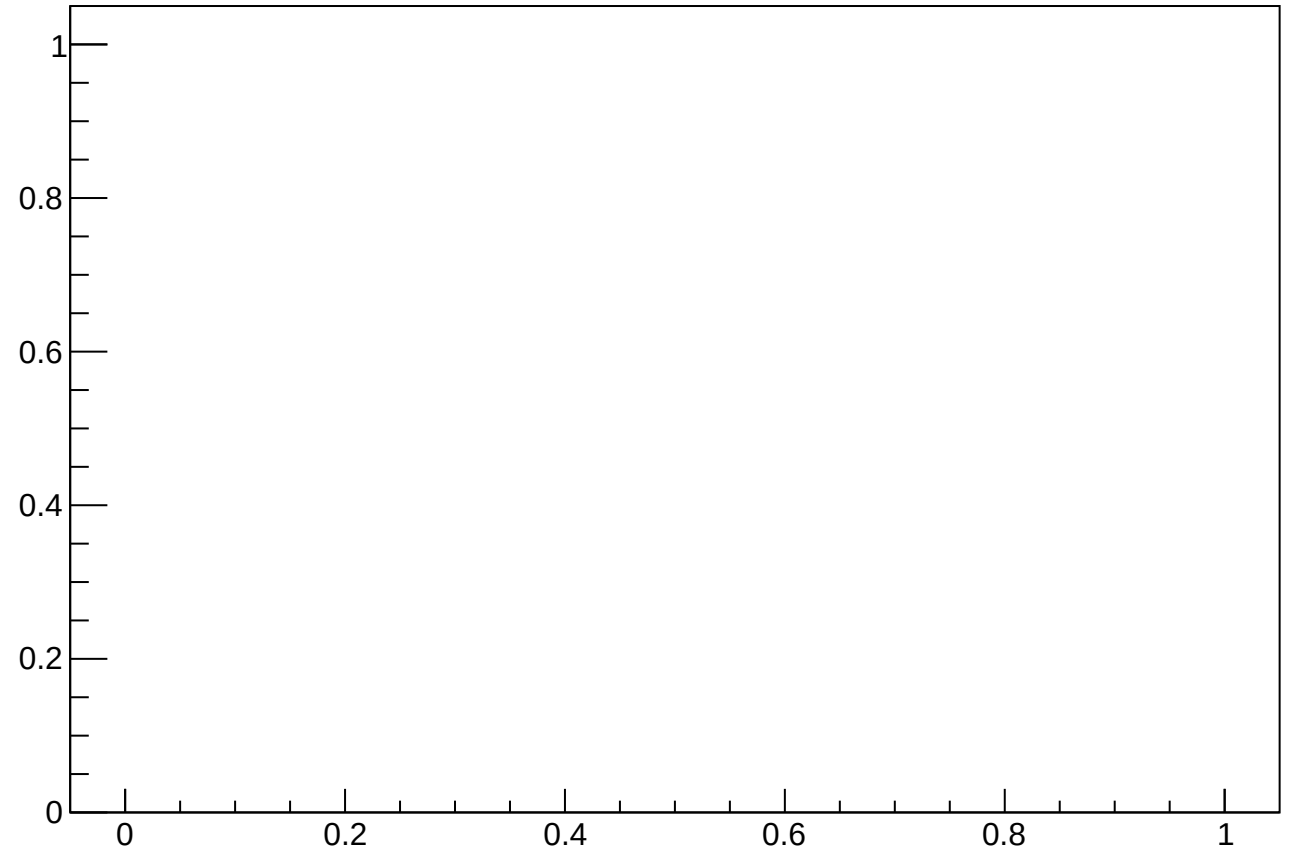

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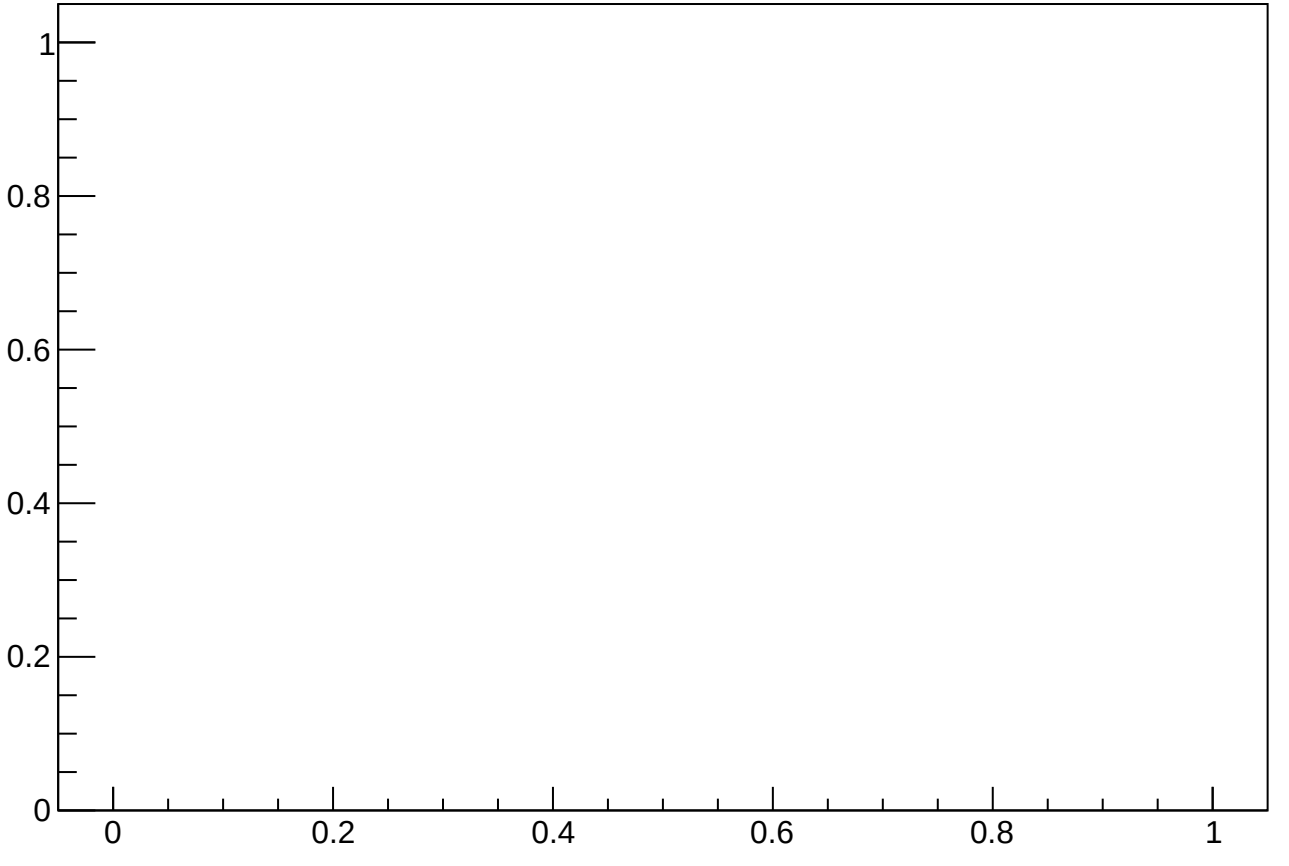
dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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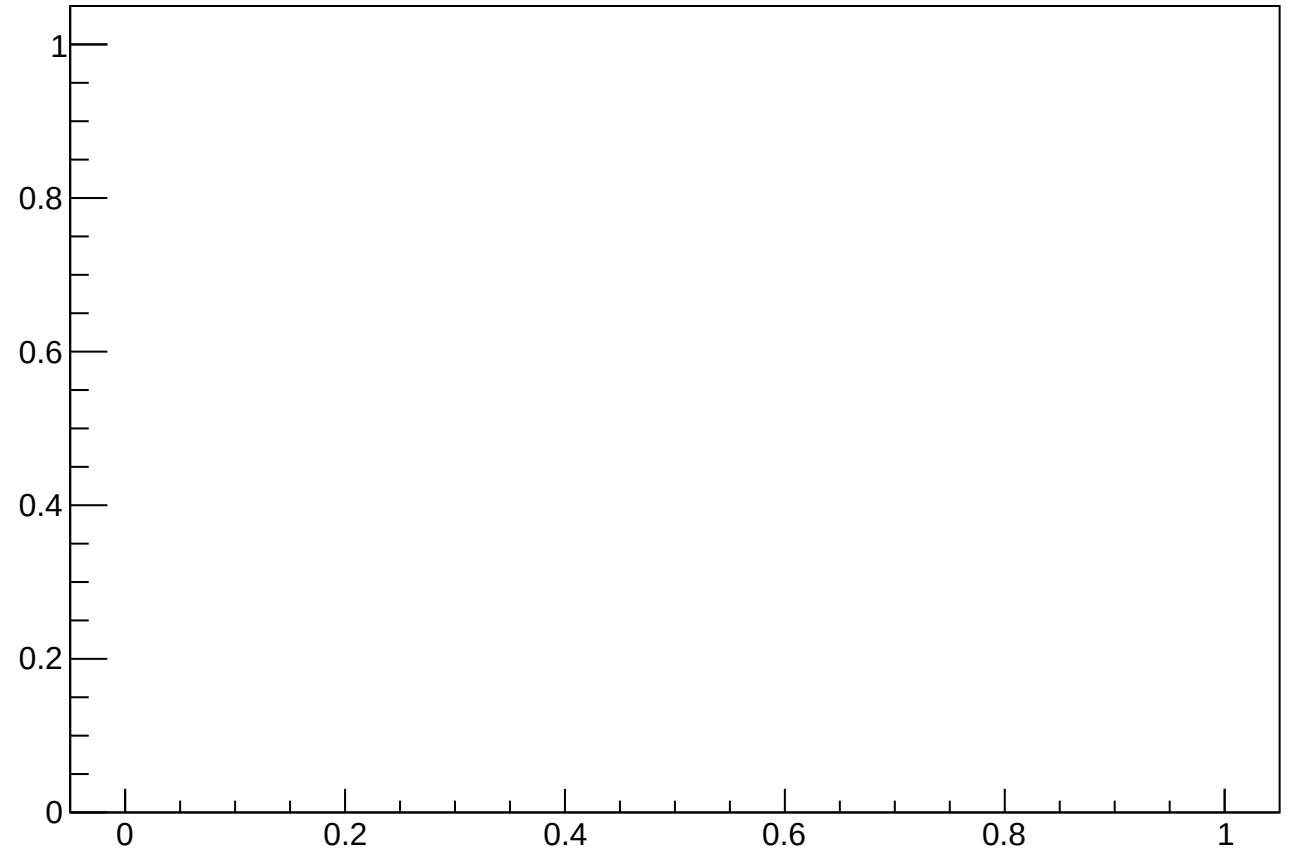

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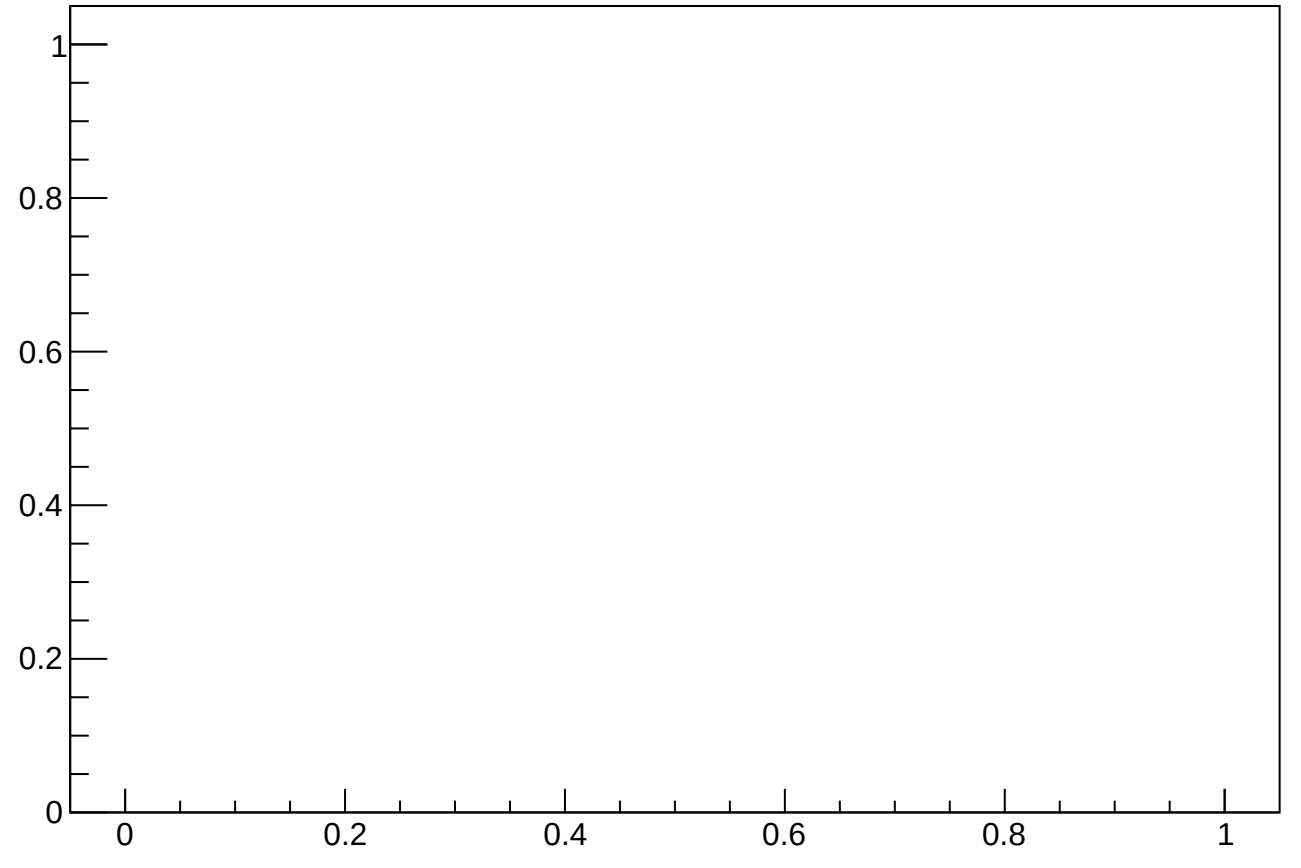

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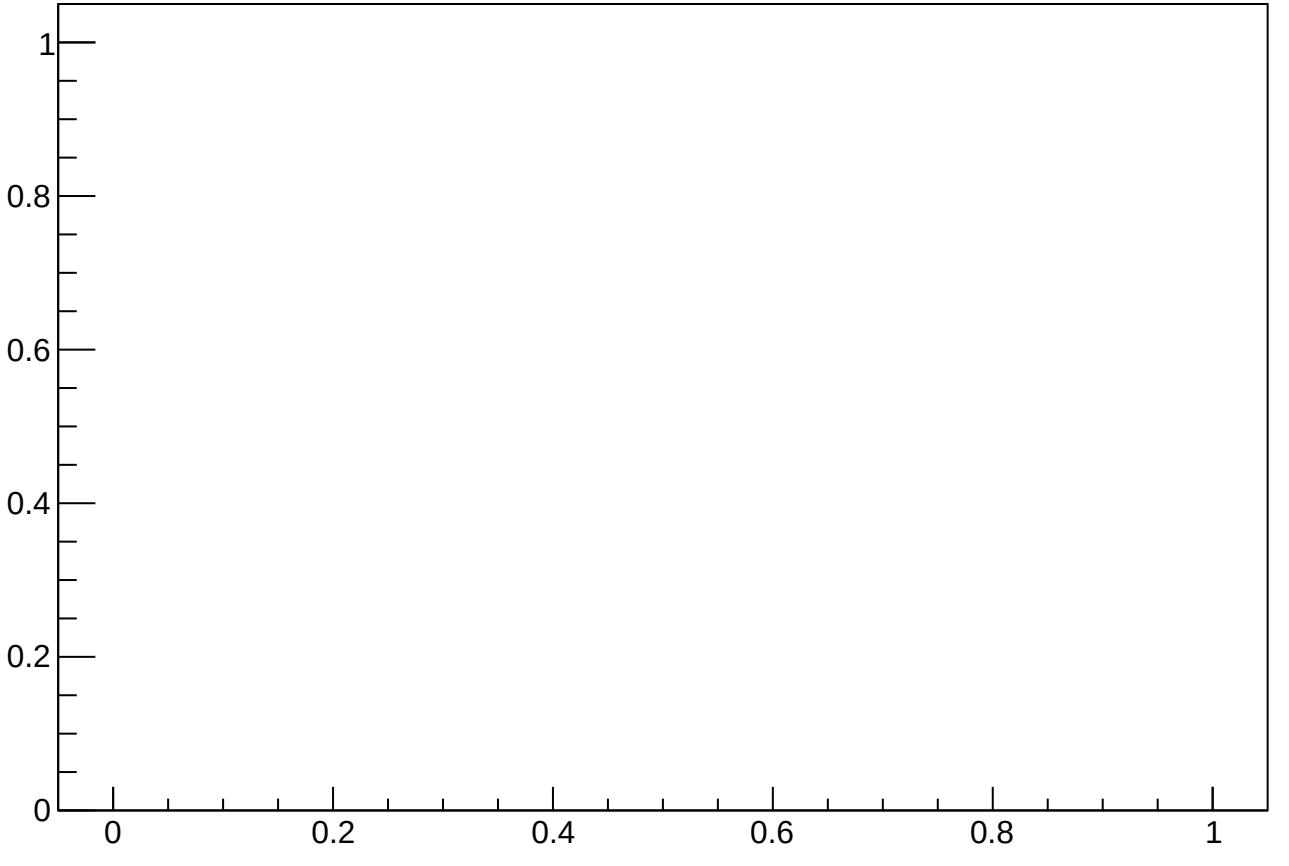
dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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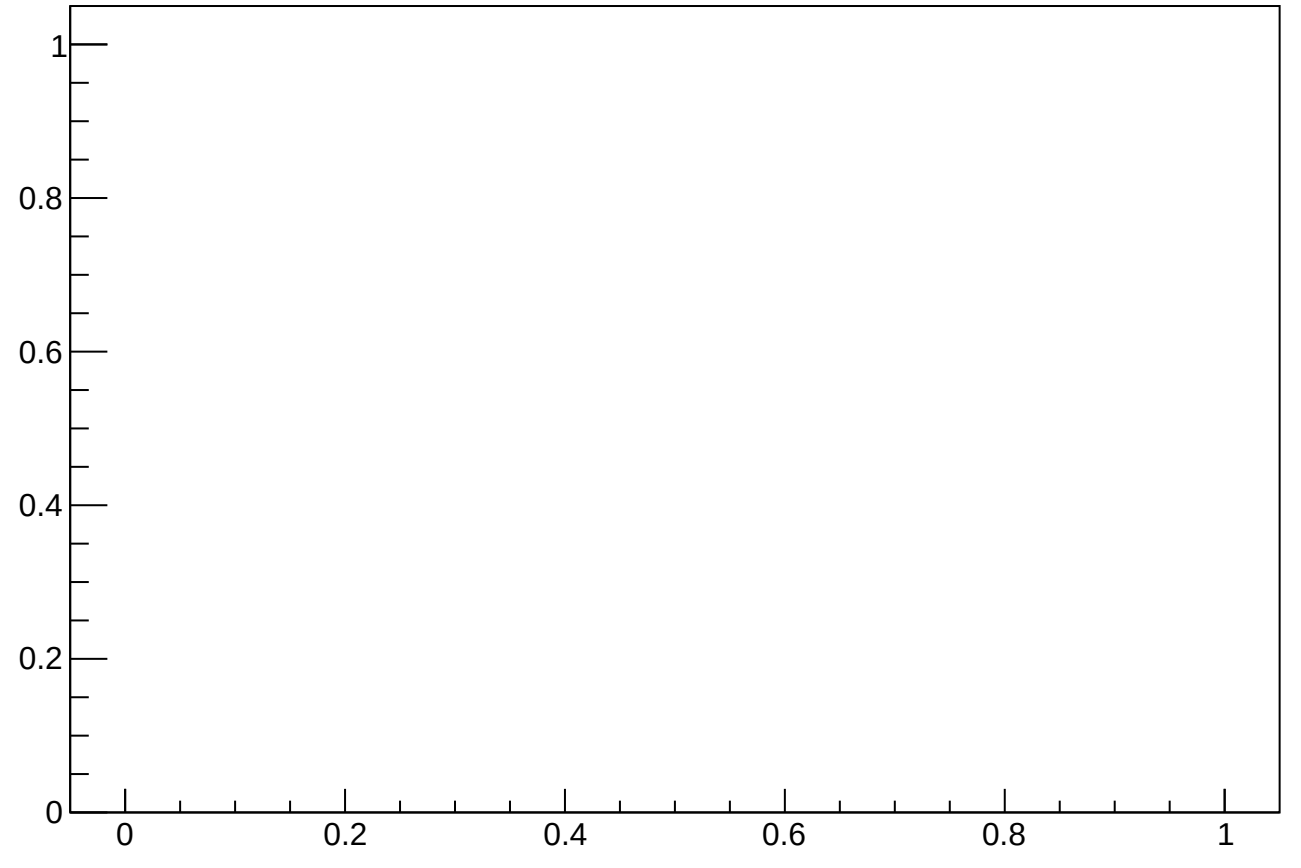
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

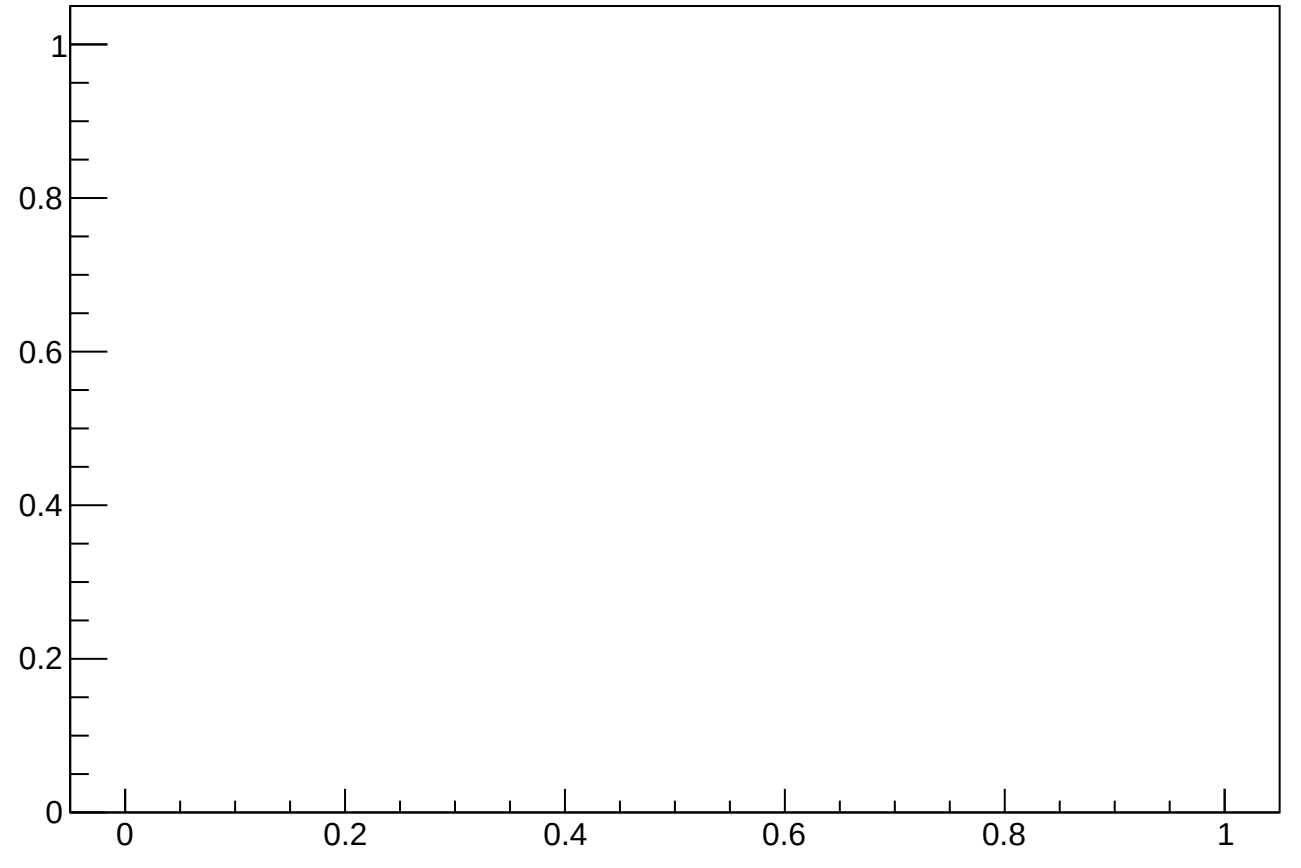
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

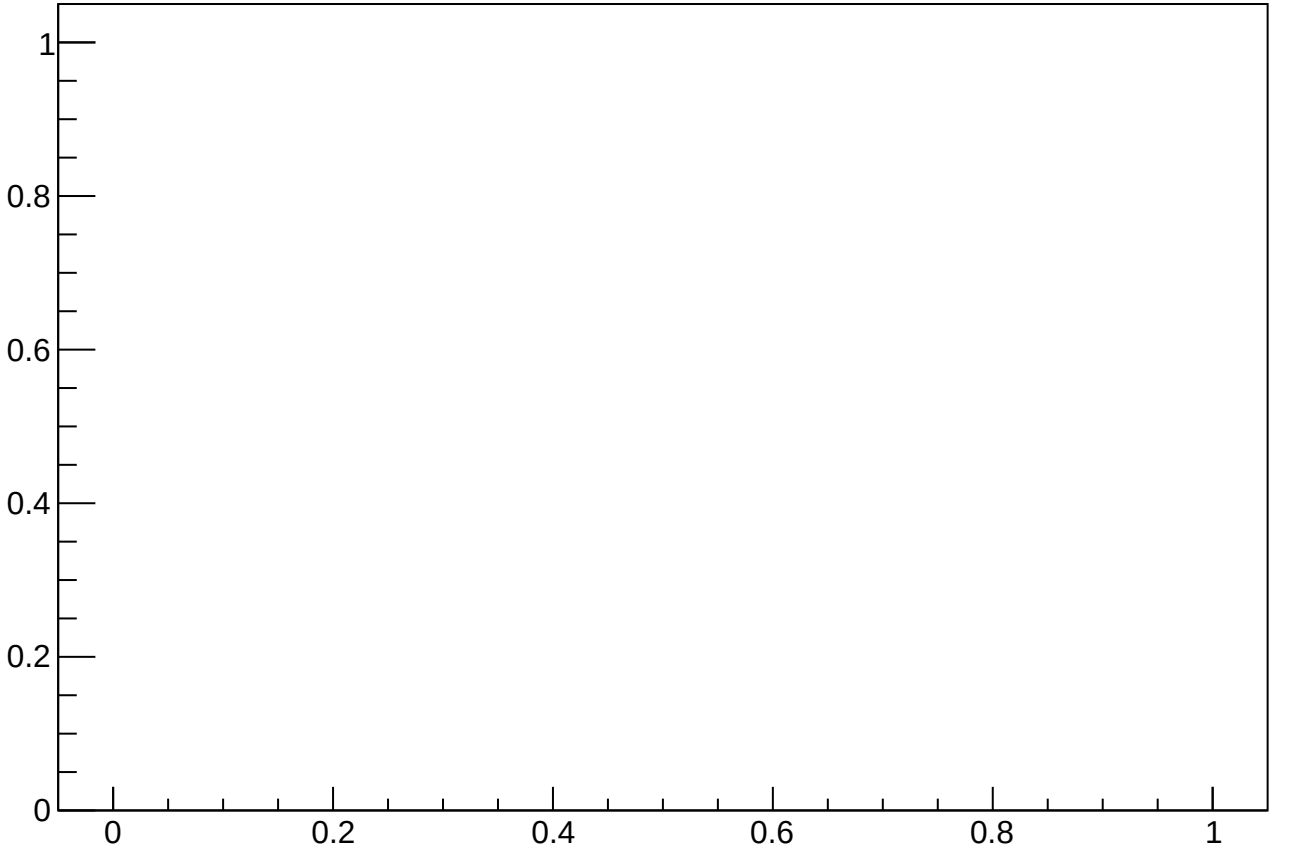
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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

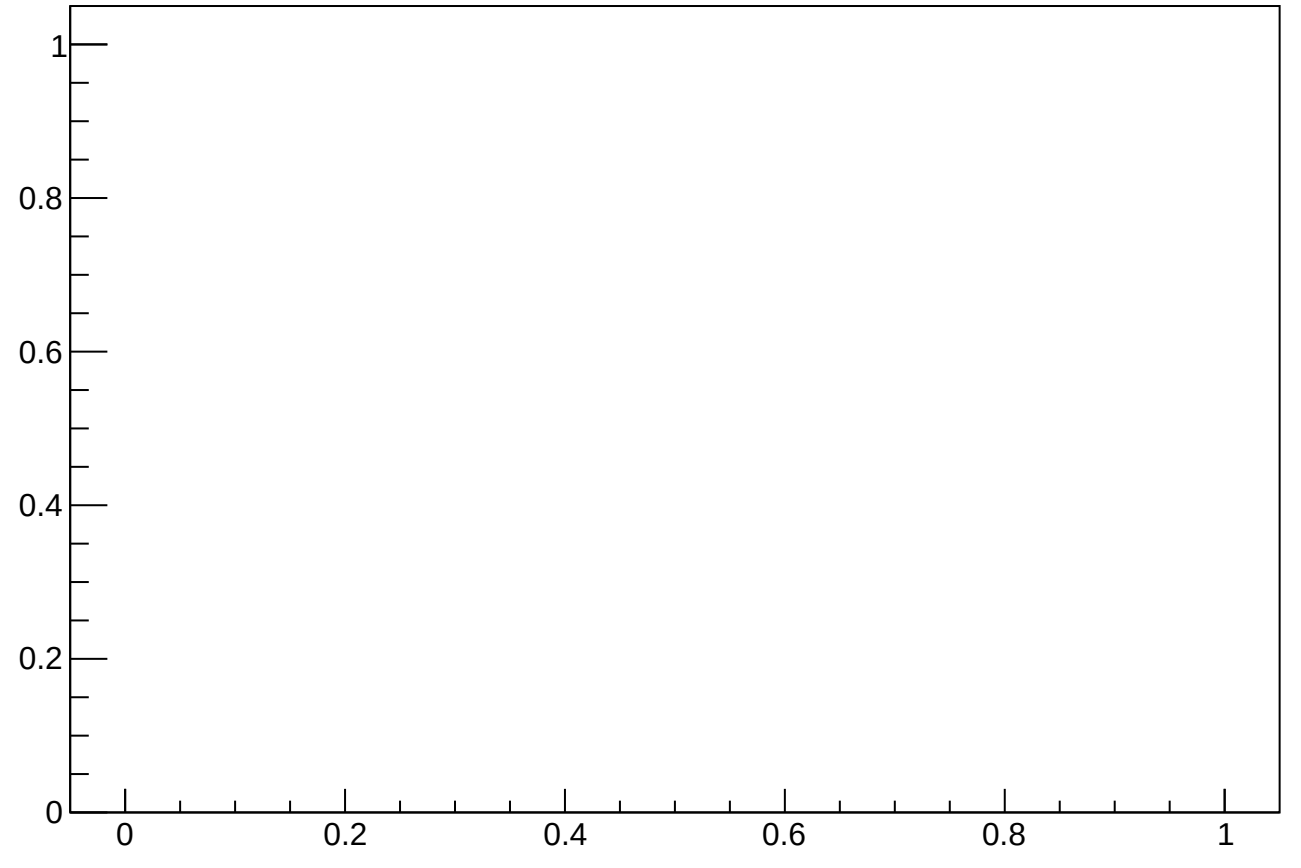
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

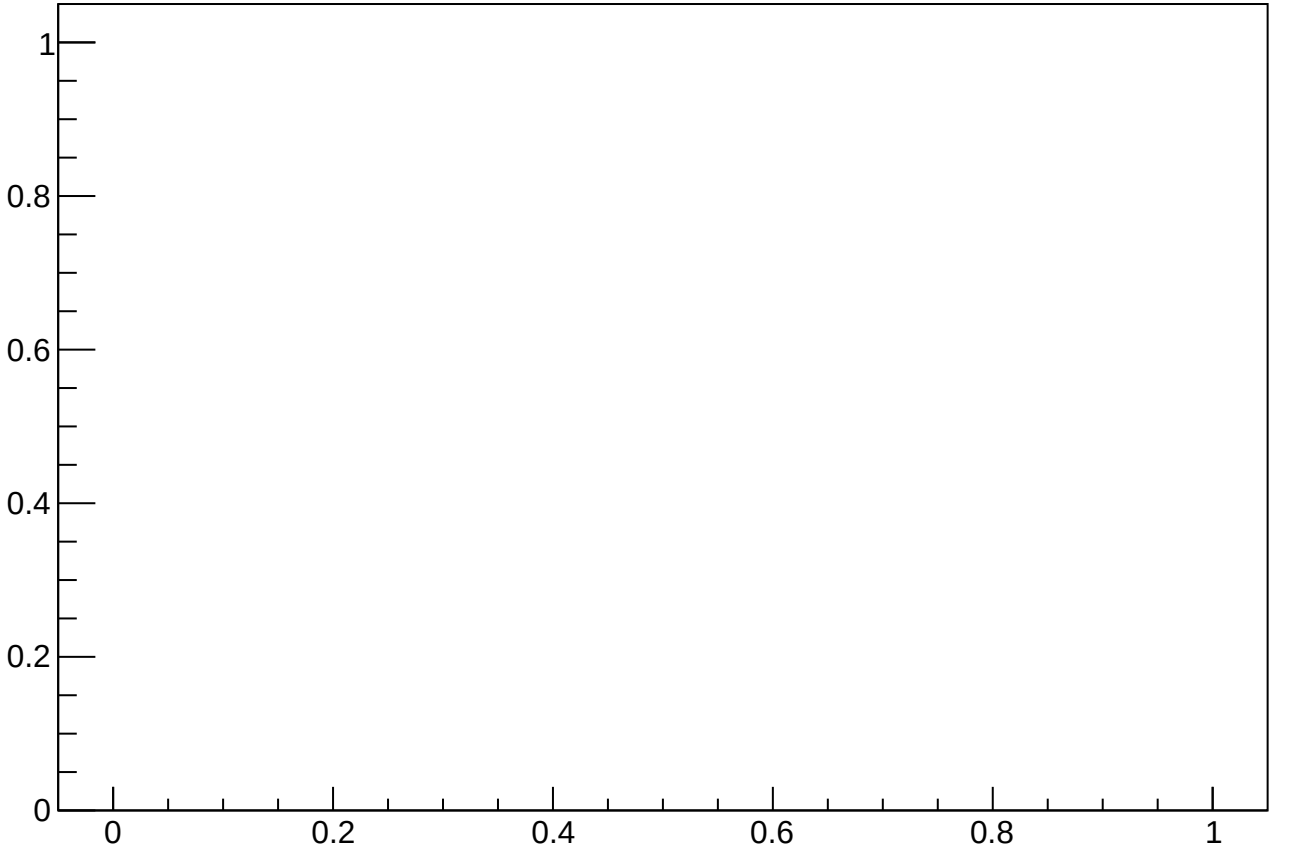
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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

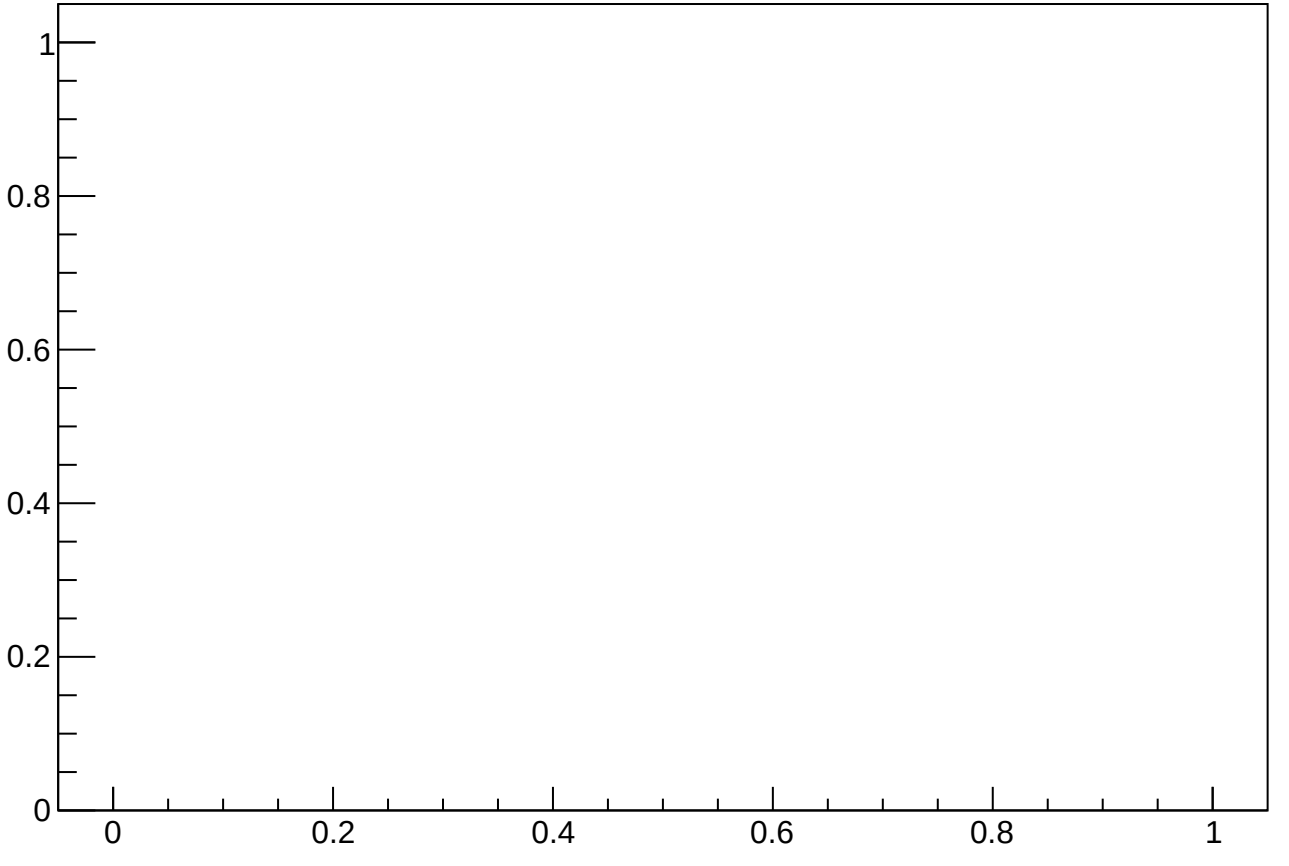
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

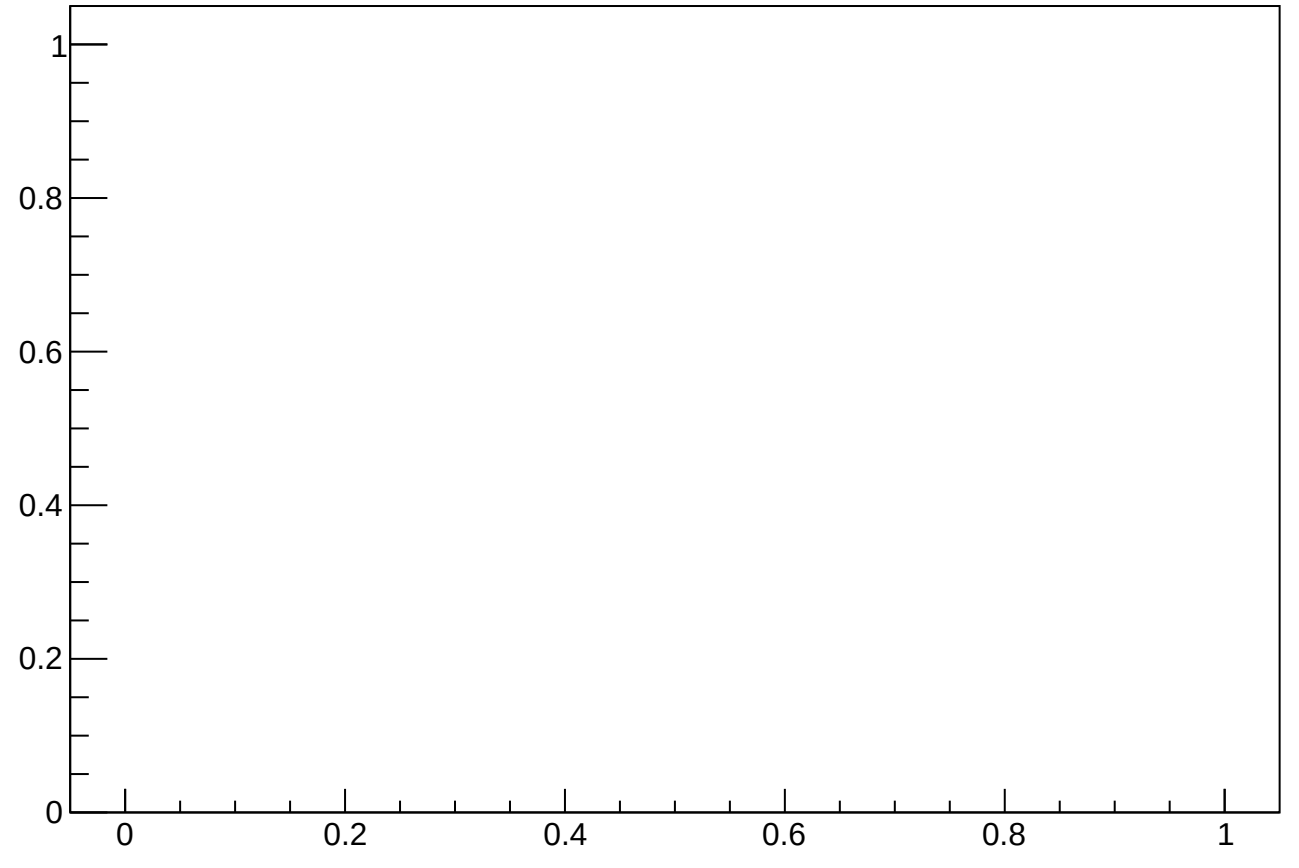
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

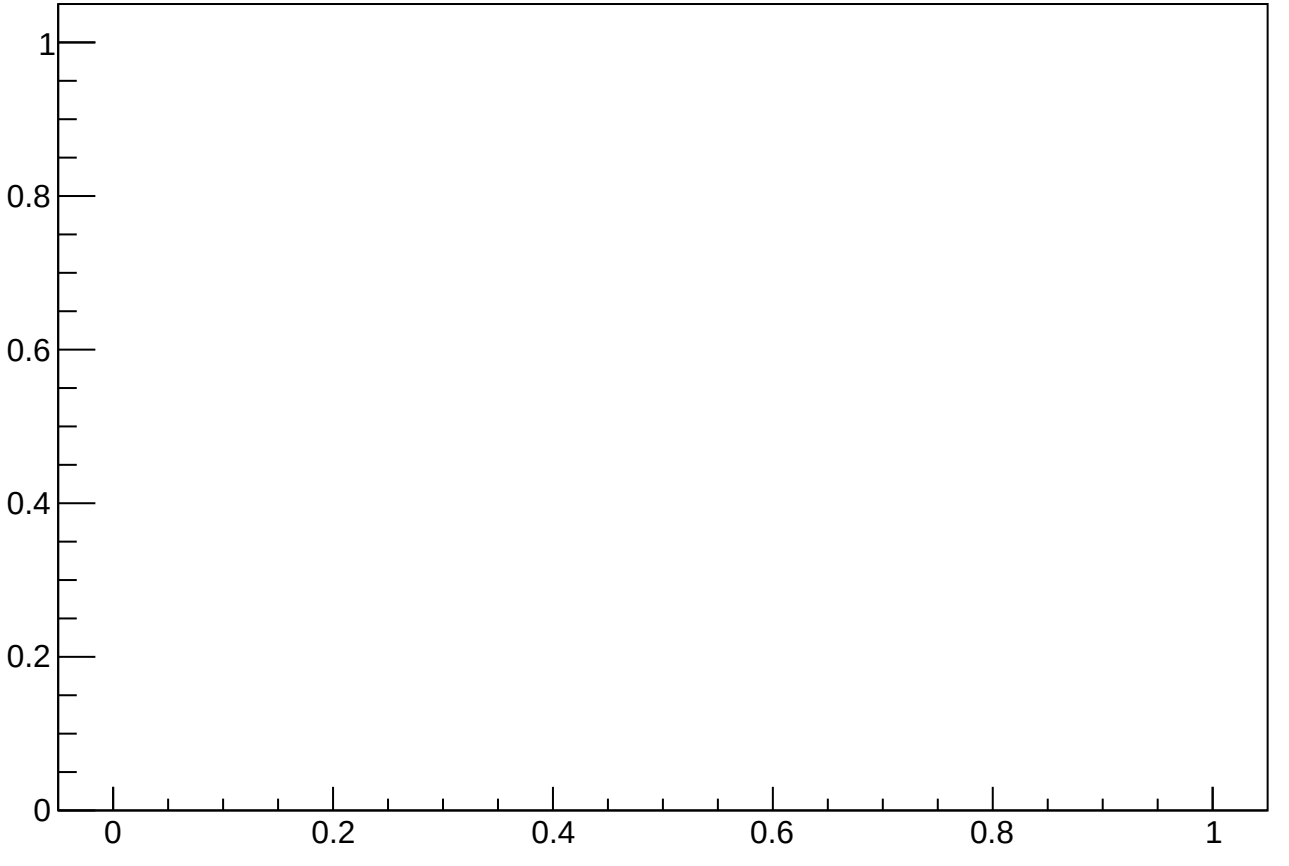
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

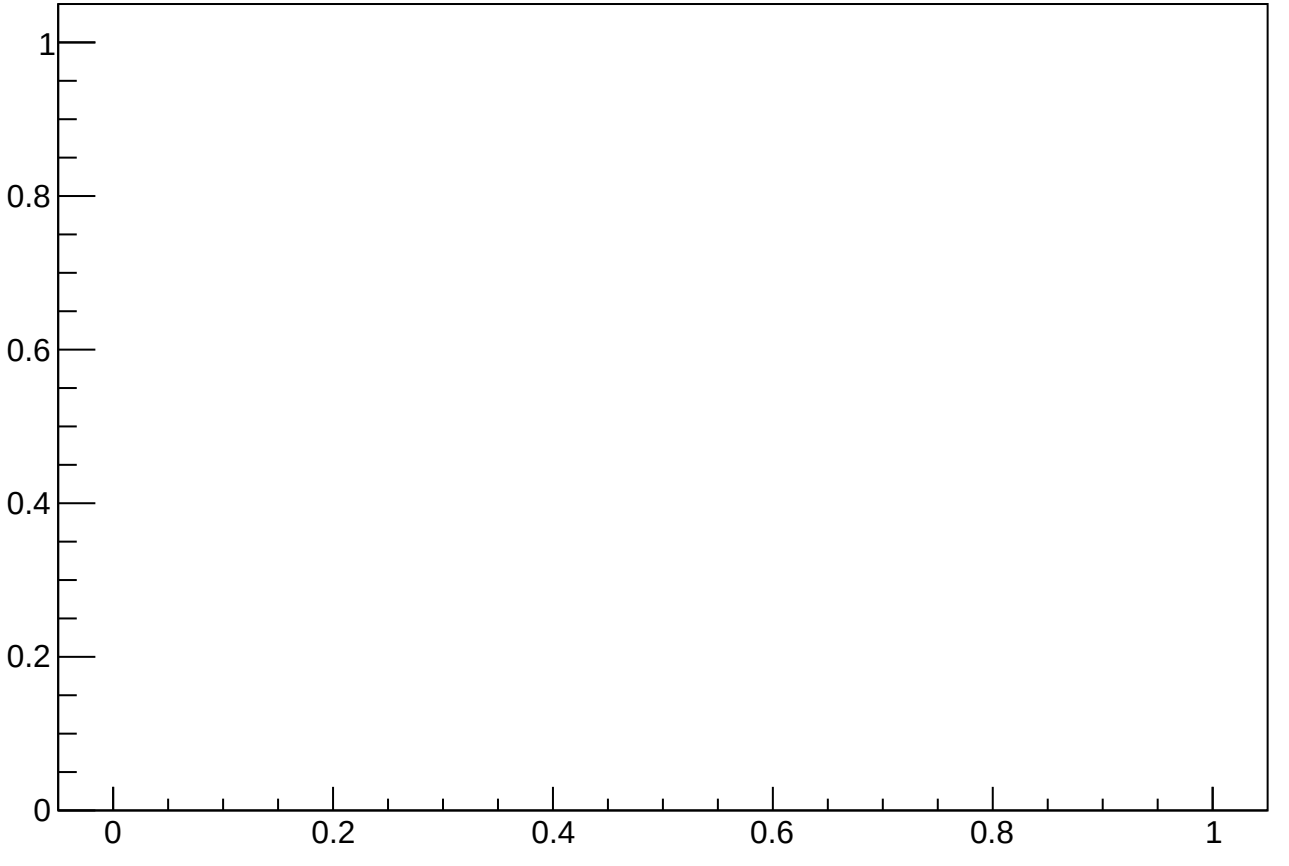
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_run_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

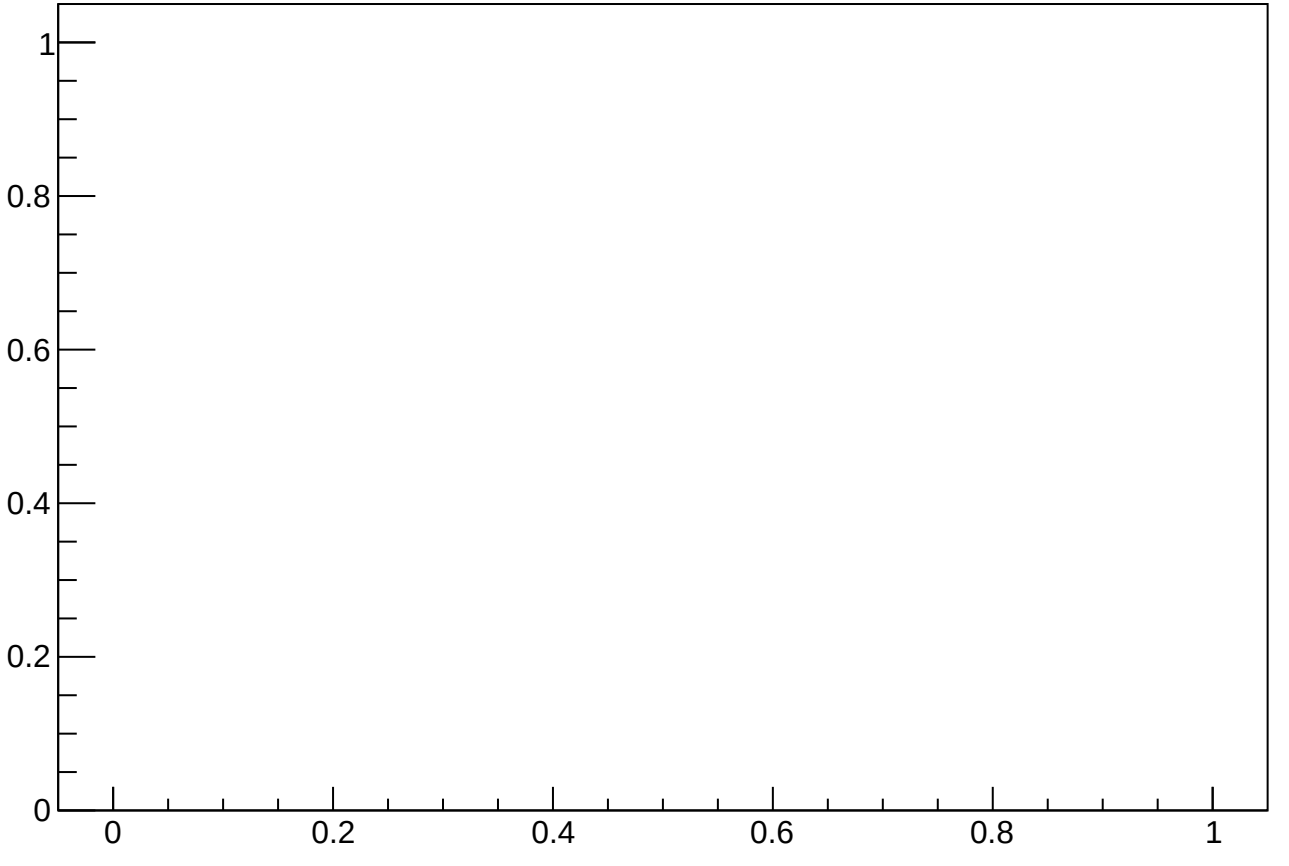
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

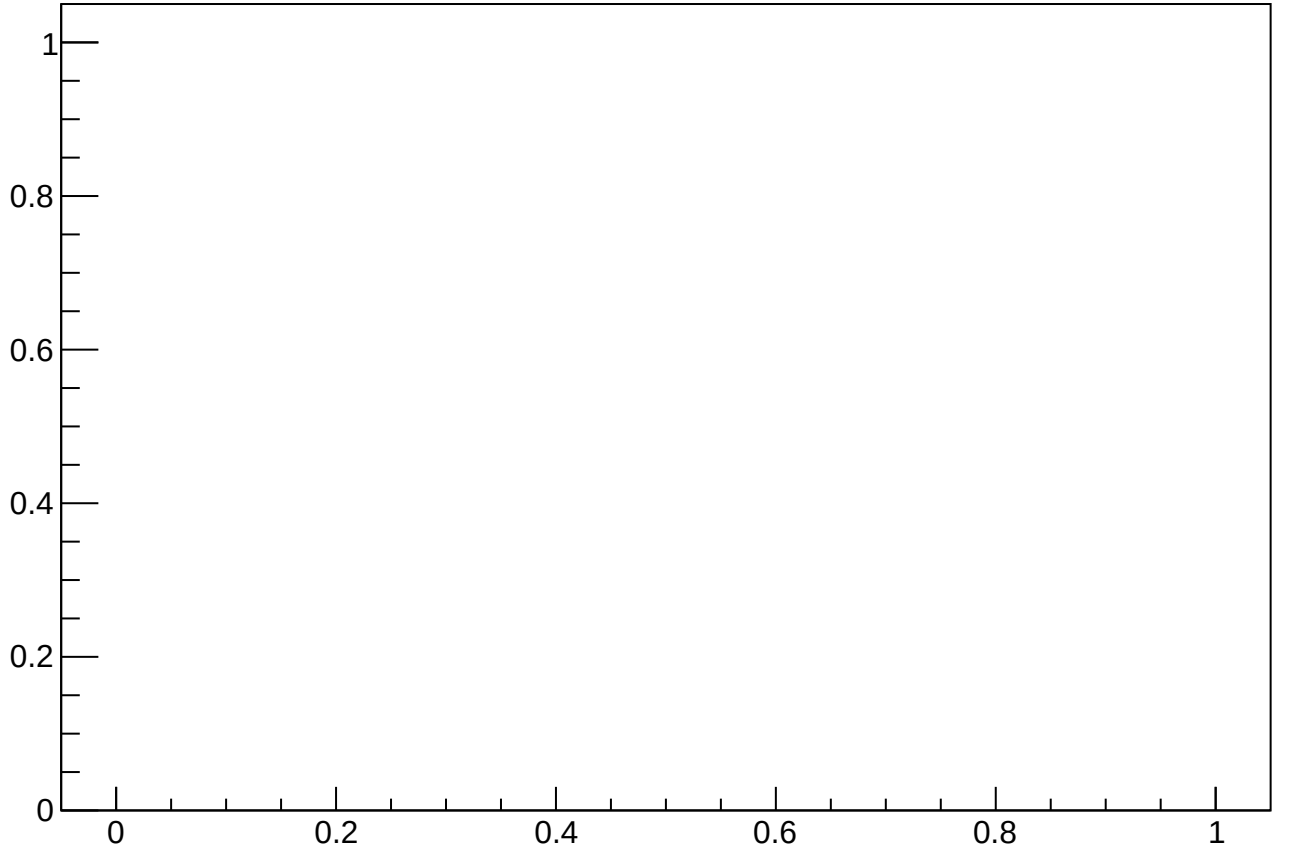
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

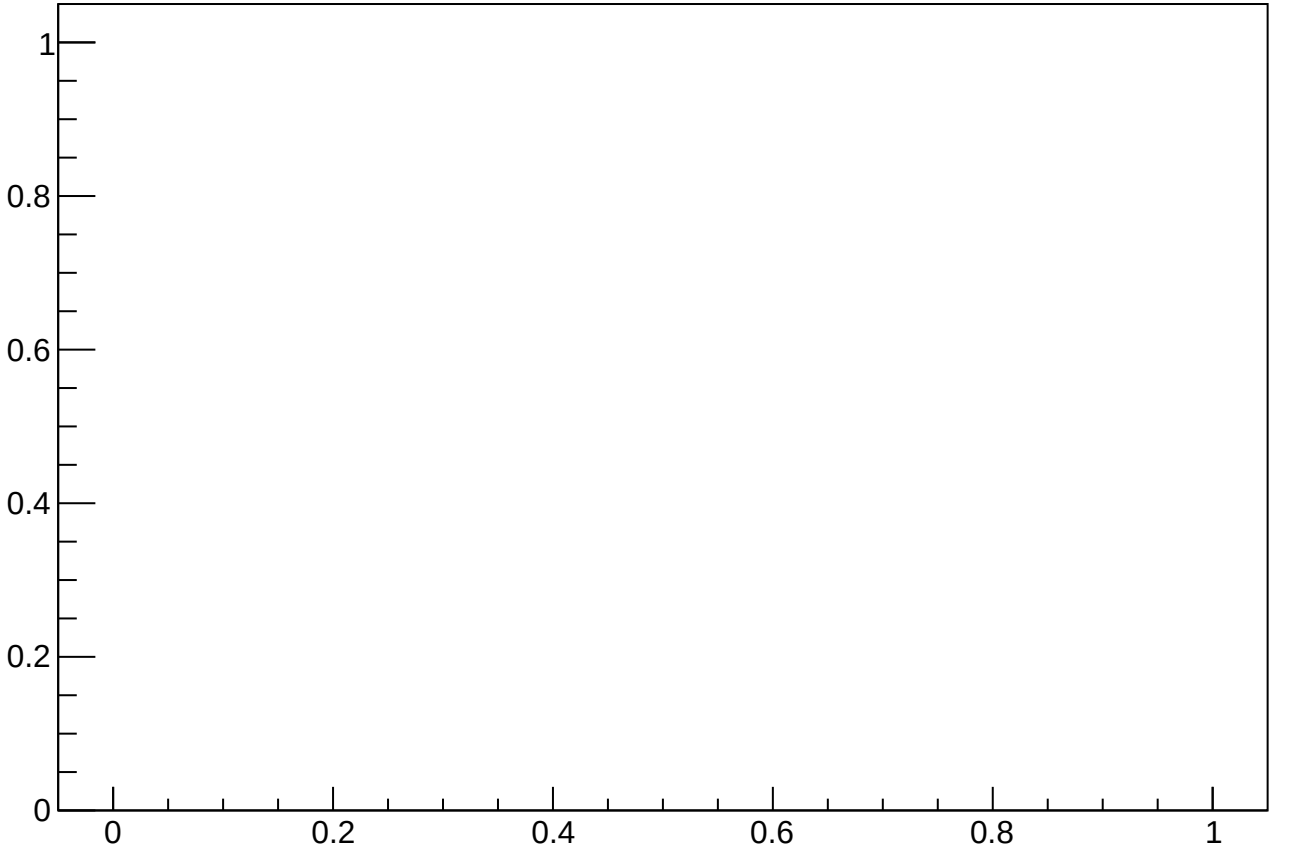
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_cyclenum_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

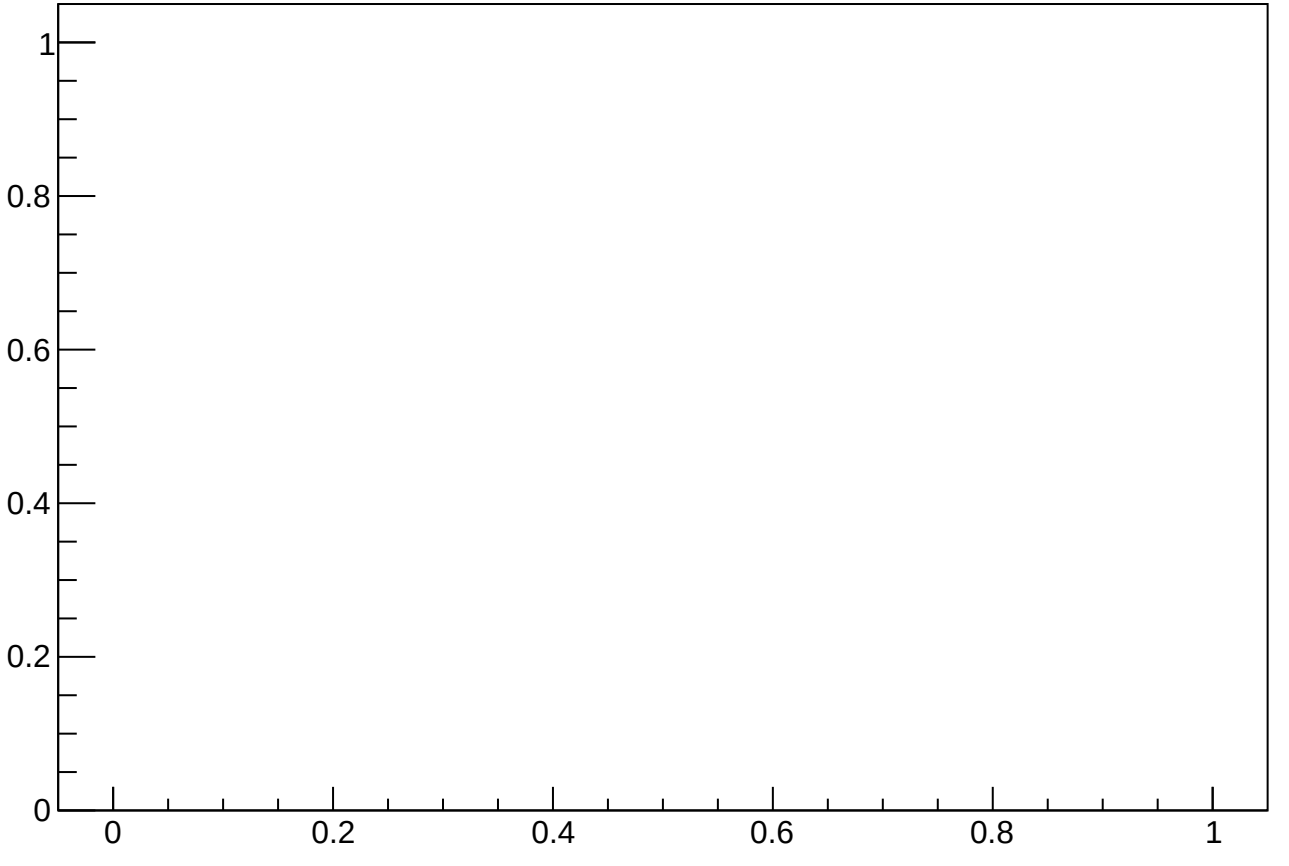
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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_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

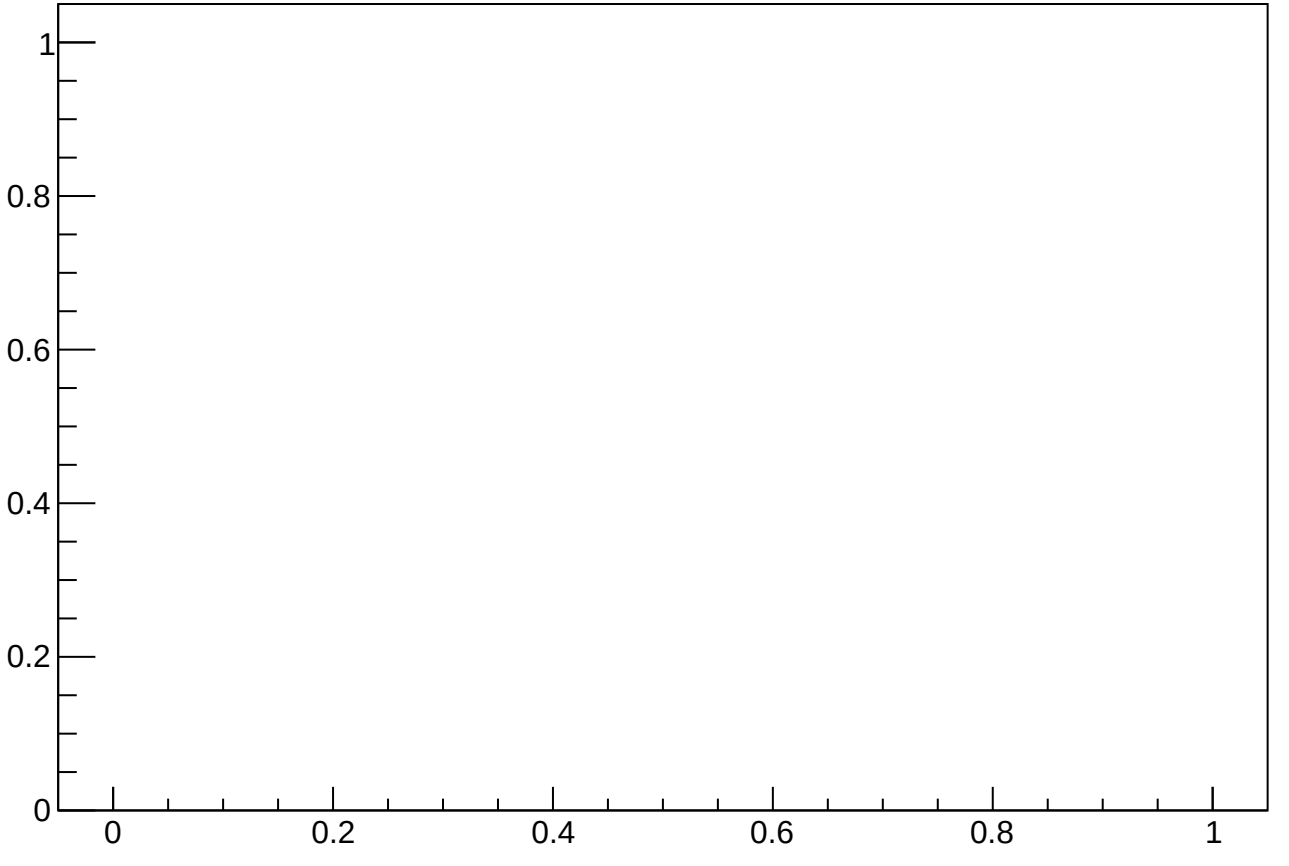
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

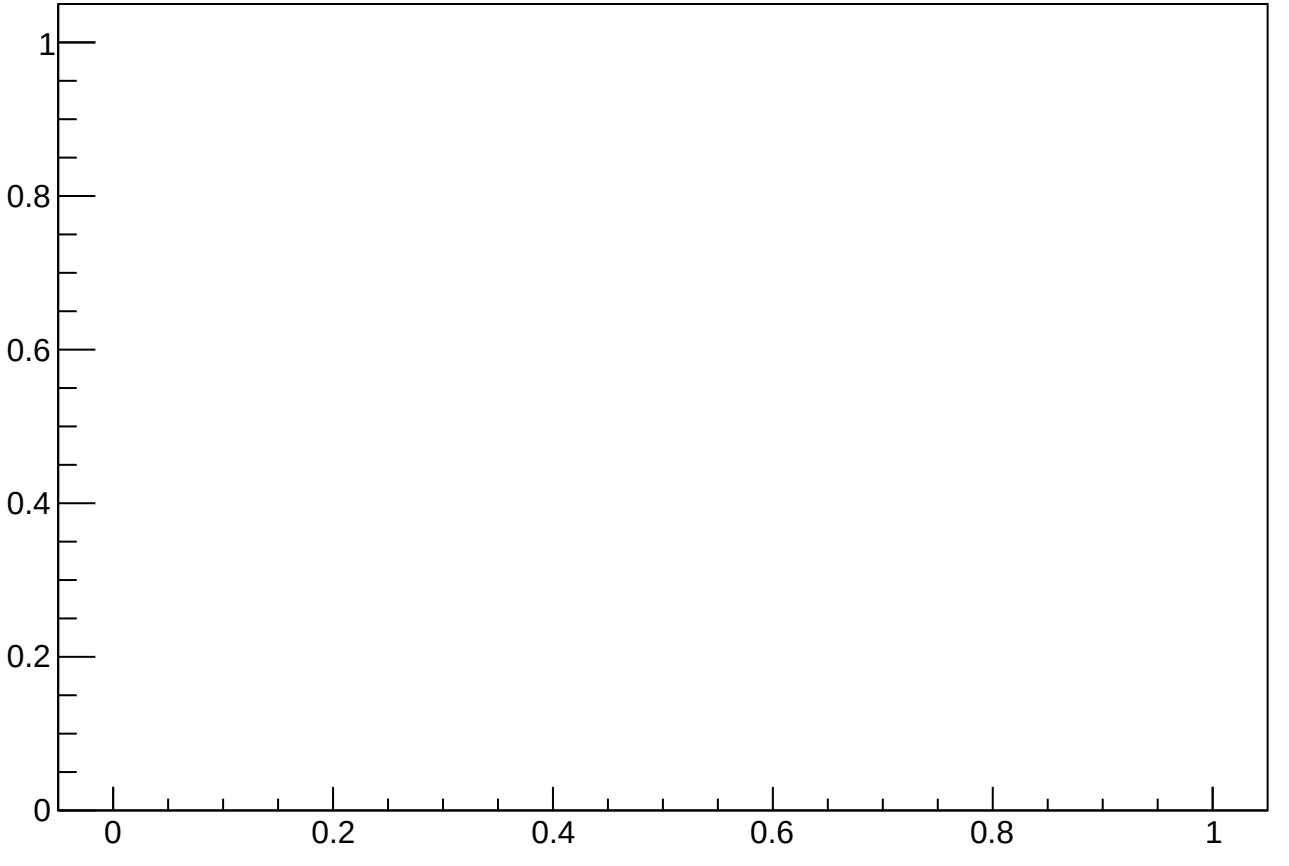
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

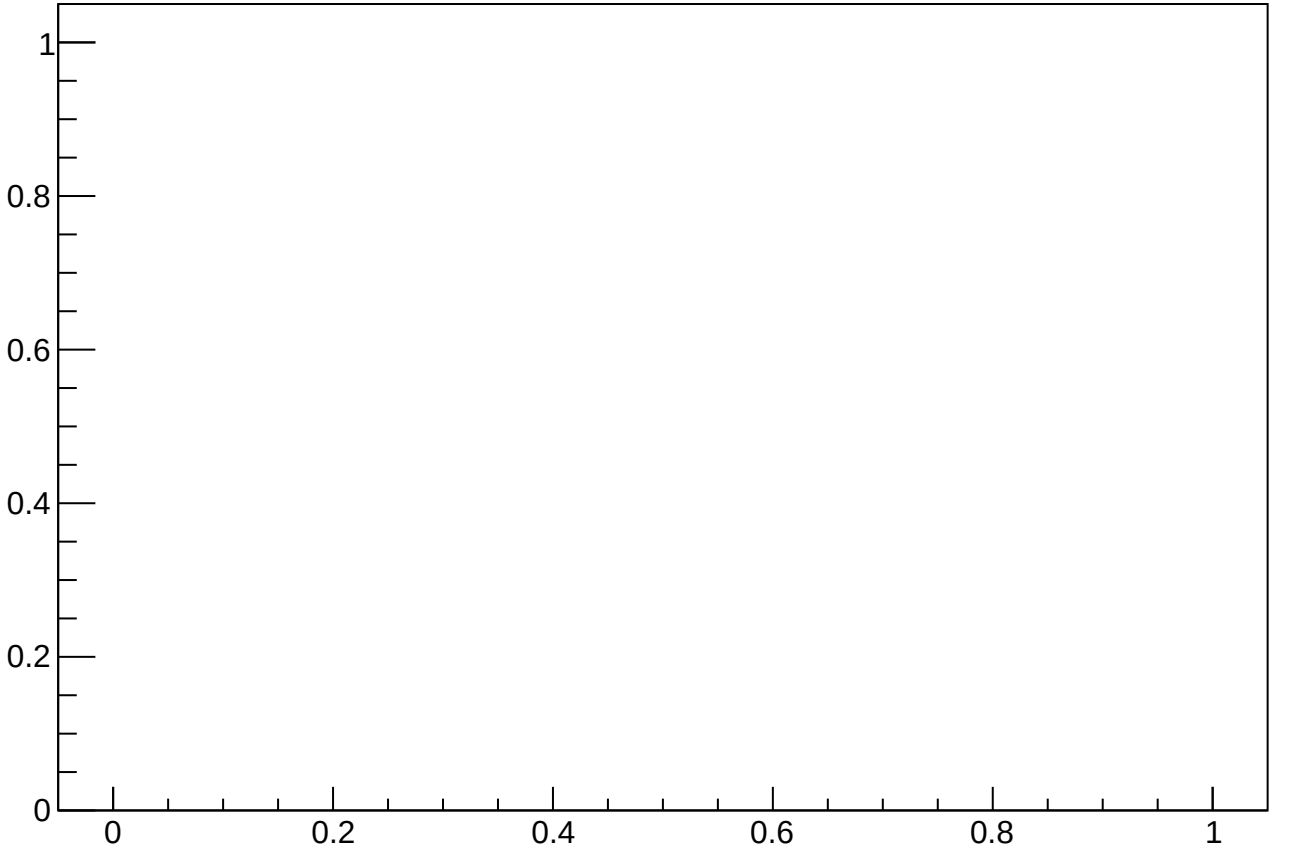
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

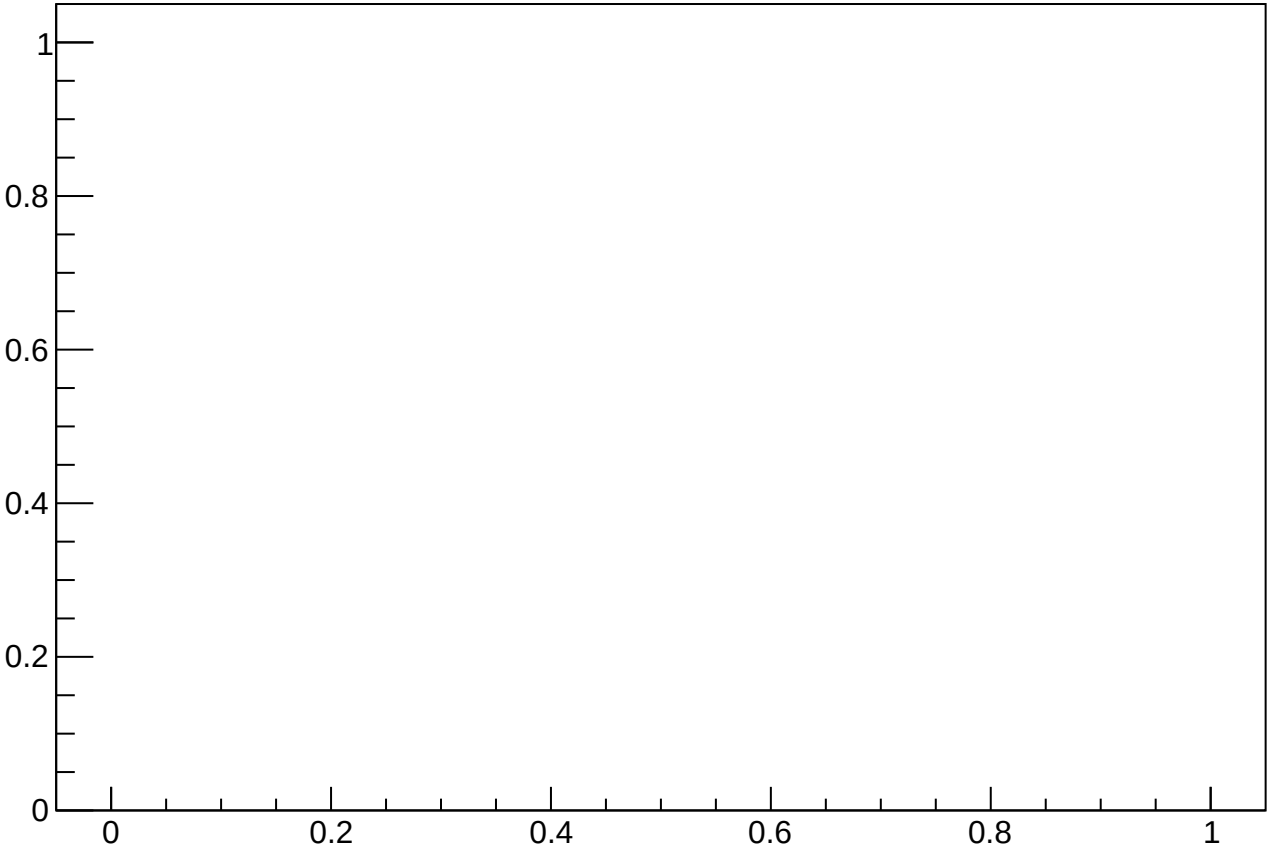
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

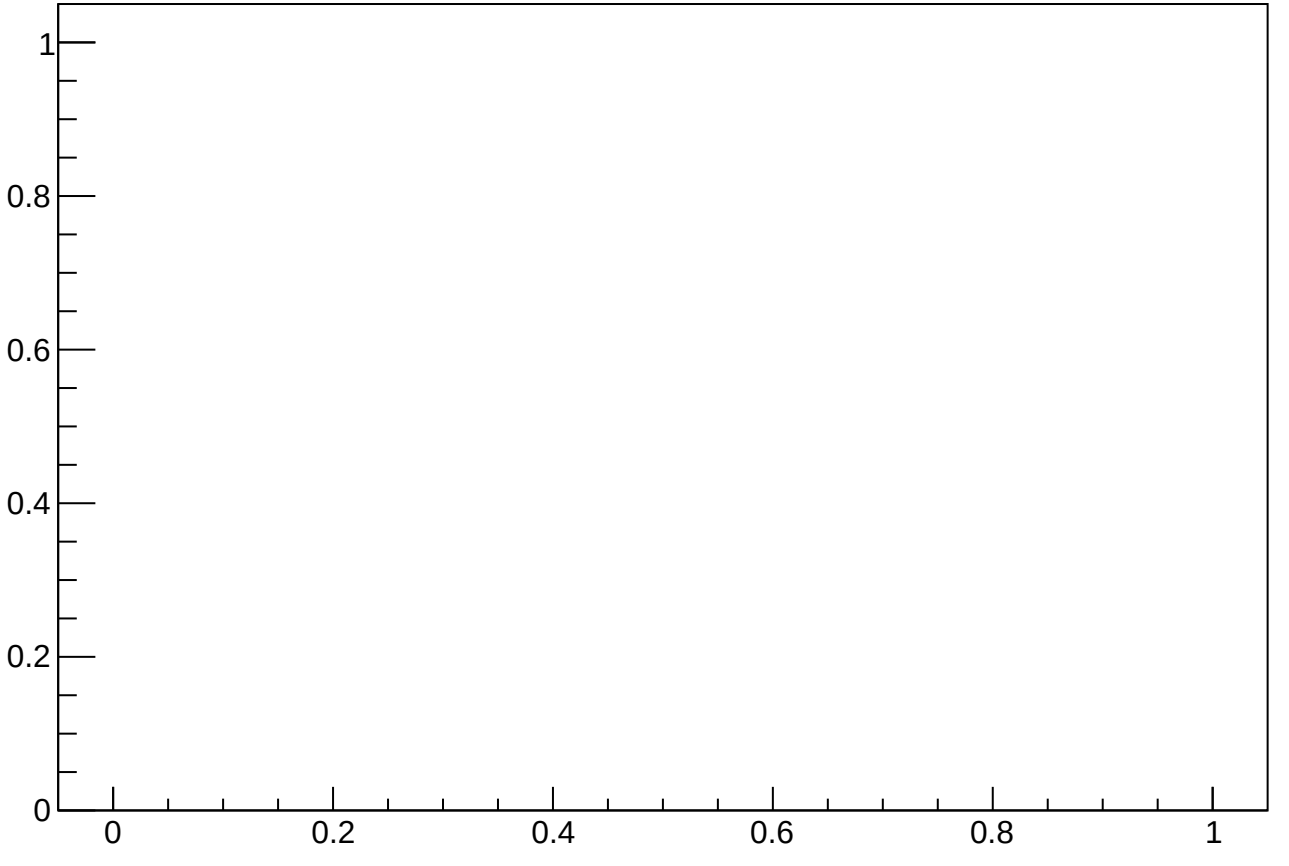
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_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

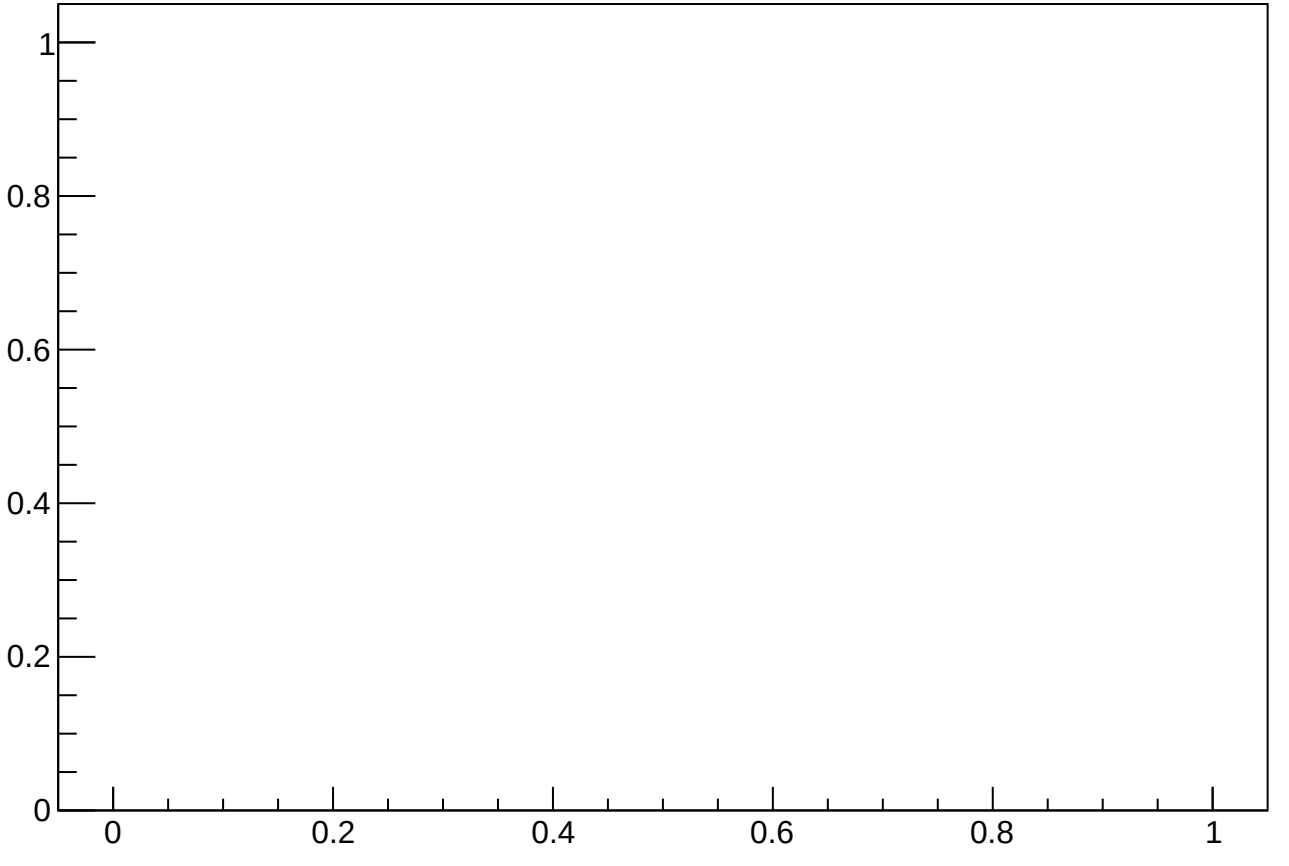
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

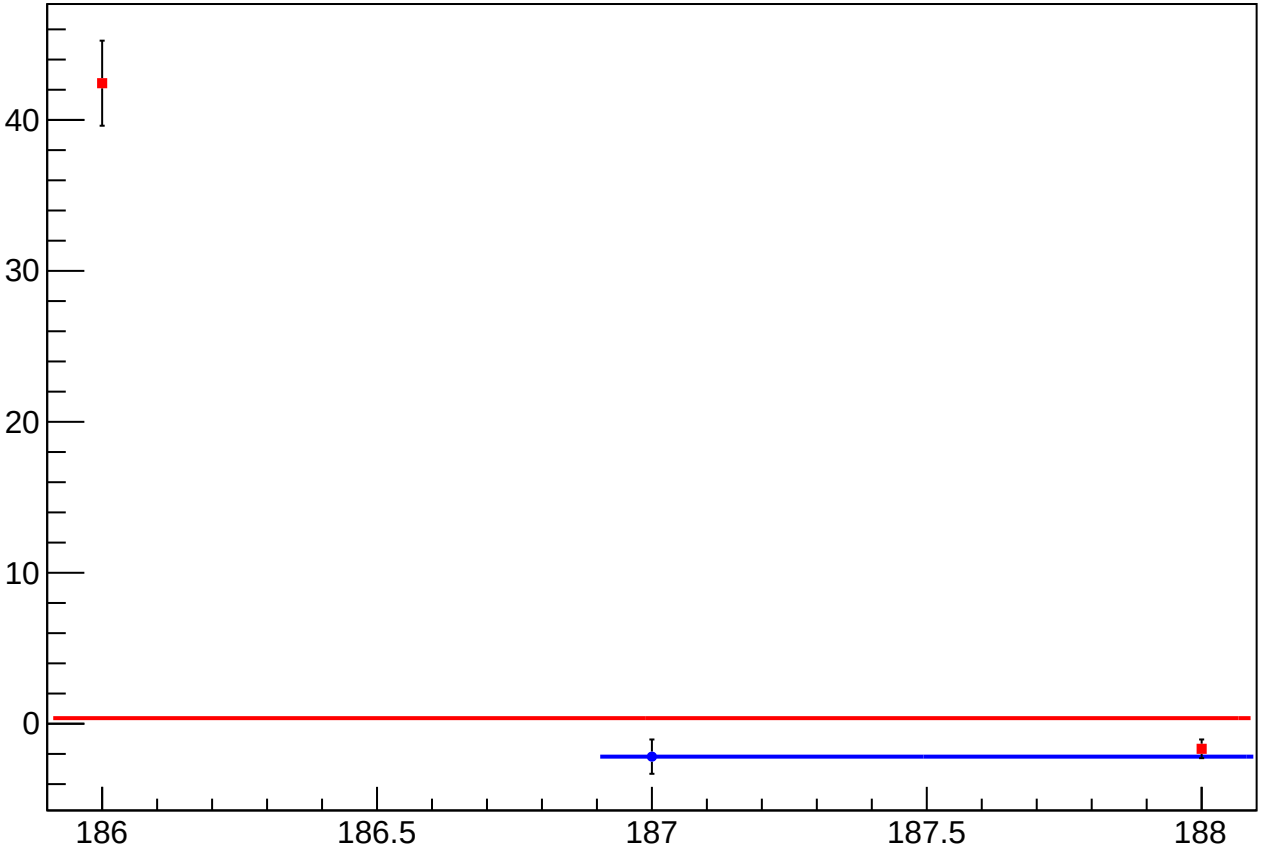
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.180+/-1.137 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.370+/-0.605 χ^2/NDF: 233.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

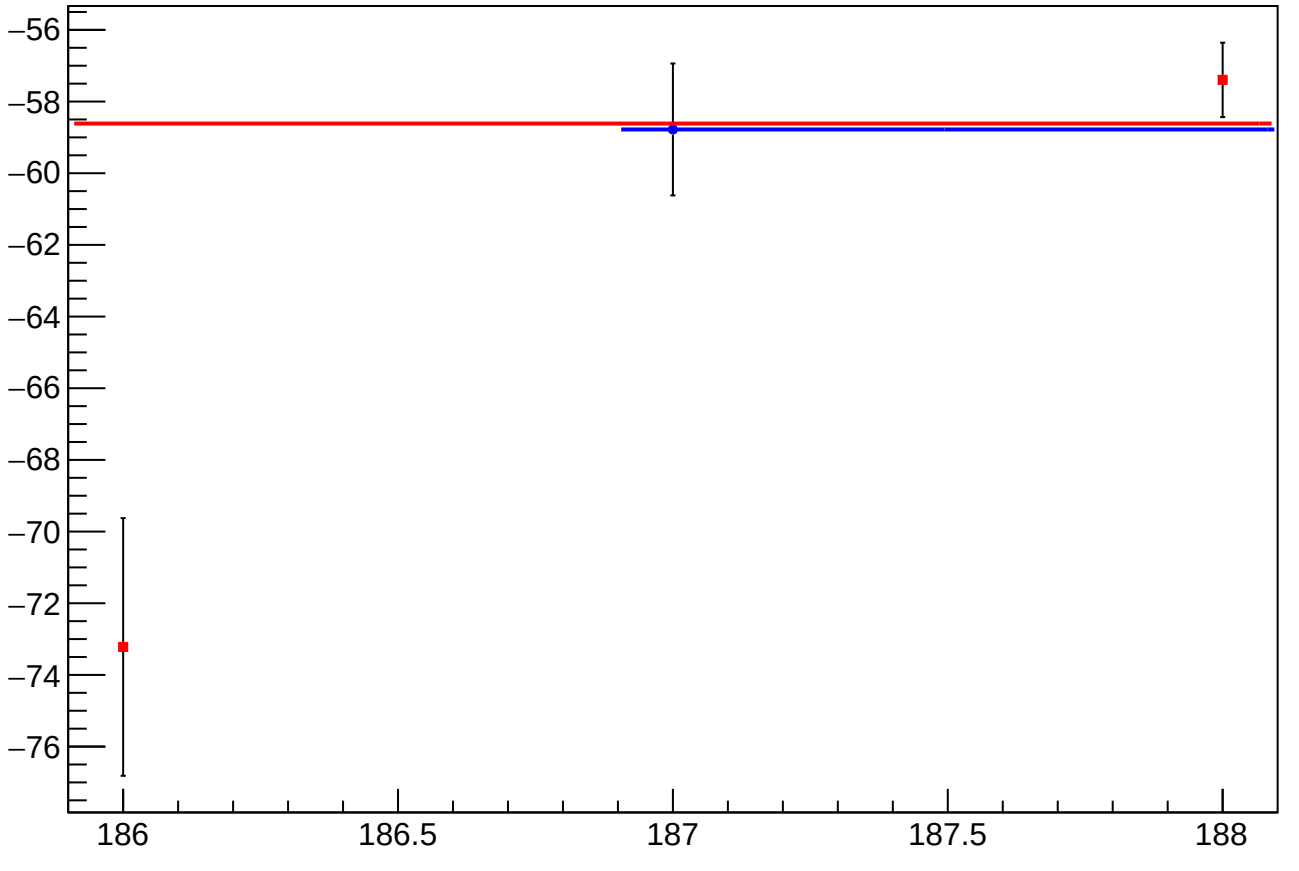
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.193+/-0.534 χ^2/NDF: 237.6/2

In: -2.180+/-1.137 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.193+/-0.534 χ^2/NDF: 237.6/2



Right In: -58.779+/-1.841 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -58.614+/-0.998 χ^2/NDF: 17.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

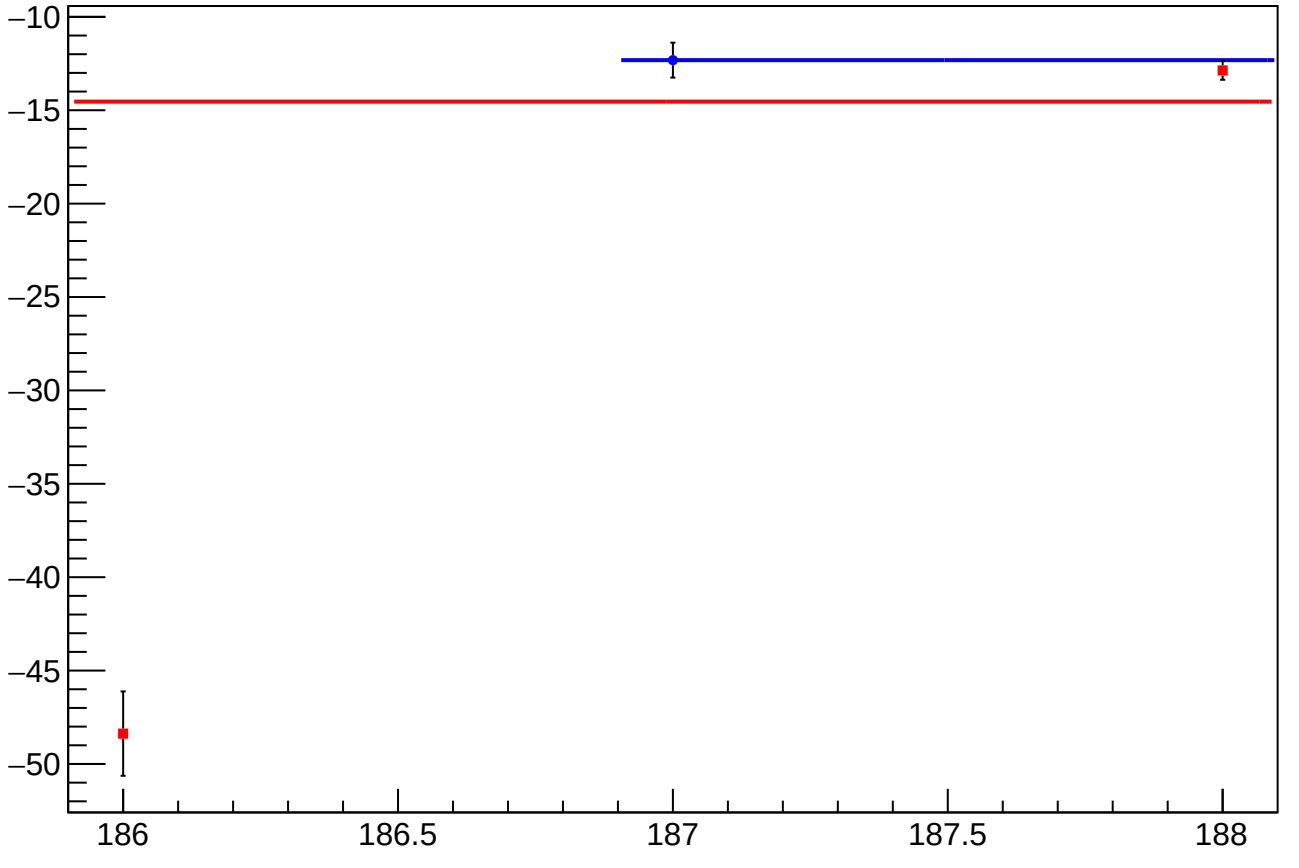
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -58.652+/-0.877 χ^2/NDF: 17.9/2

In: -58.779+/-1.841 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -58.652+/-0.877 χ^2/NDF: 17.9/2



Right In: -12.317+/-0.935 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.538+/-0.490 χ^2/NDF: 235.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

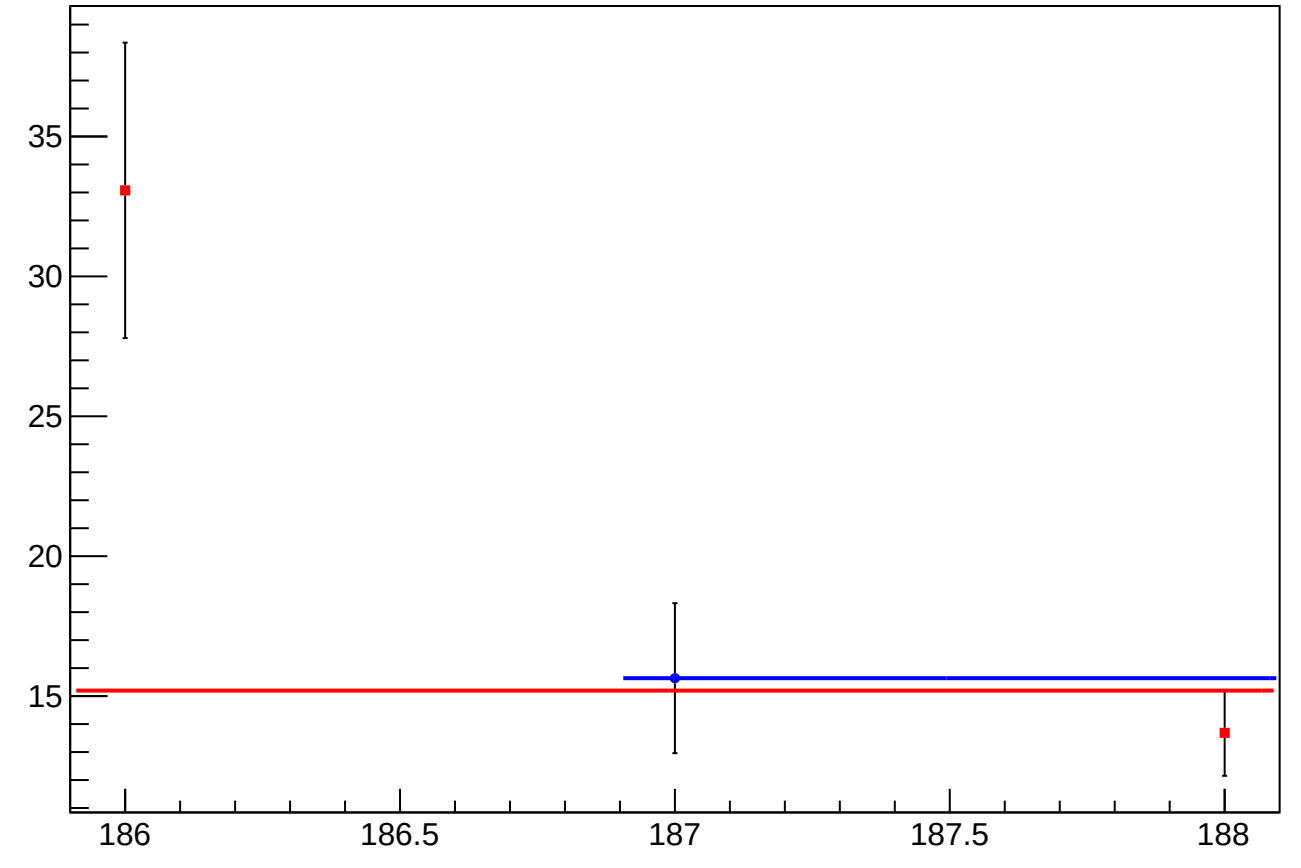
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.059+/-0.434 χ^2/NDF: 239.9/2

In: -12.317+/-0.935 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.059+/-0.434 χ^2/NDF: 239.9/2



Right In: 15.640+/-2.680 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.197+/-1.474 χ^2/NDF: 12.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

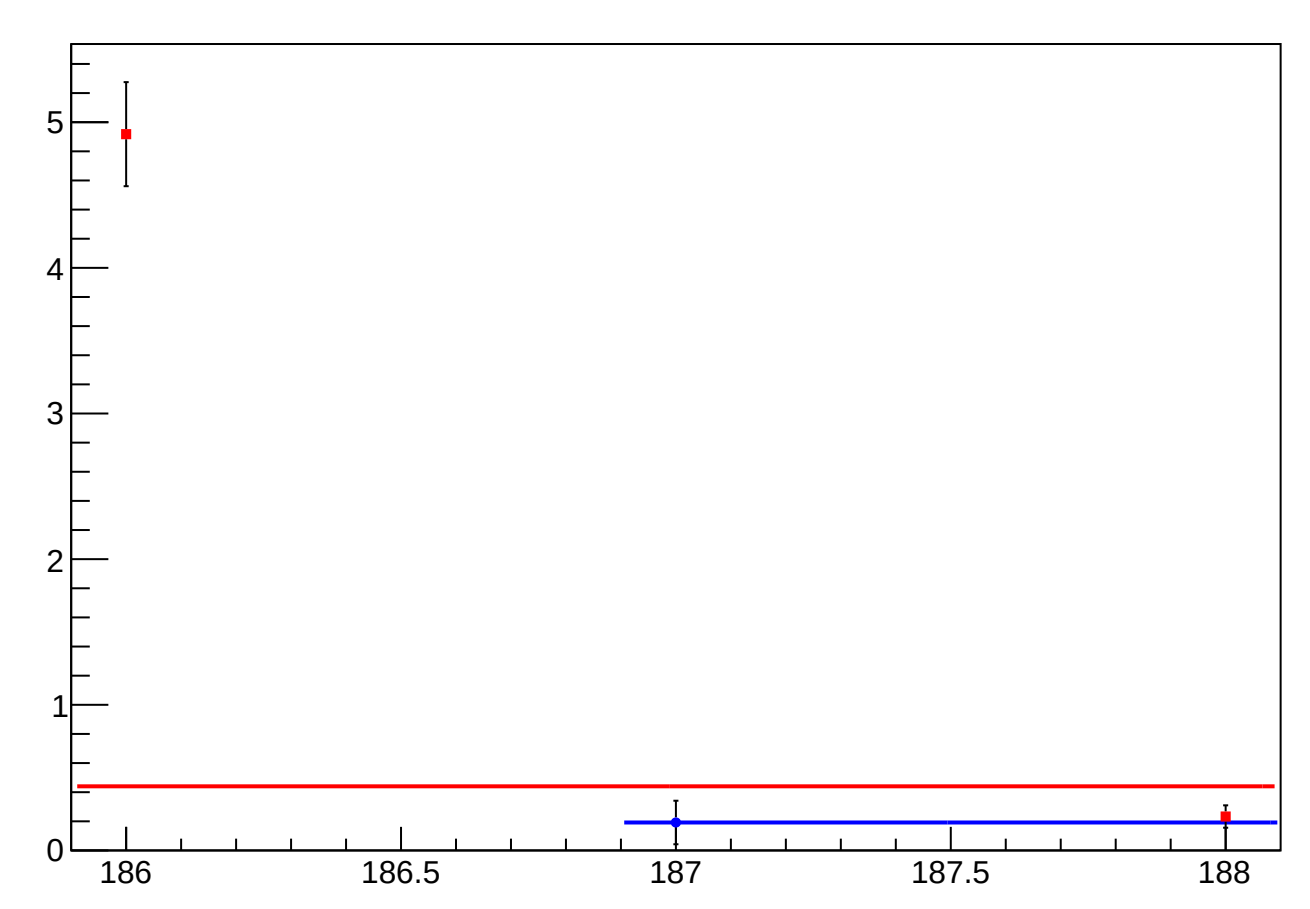
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 15.300+/-1.291 χ^2/NDF: 12.5/2

In: 15.640+/-2.680 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15.300+/-1.291 χ^2/NDF: 12.5/2



Right In: 0.192+/-0.149 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.440+/-0.075 χ^2/NDF: 164.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

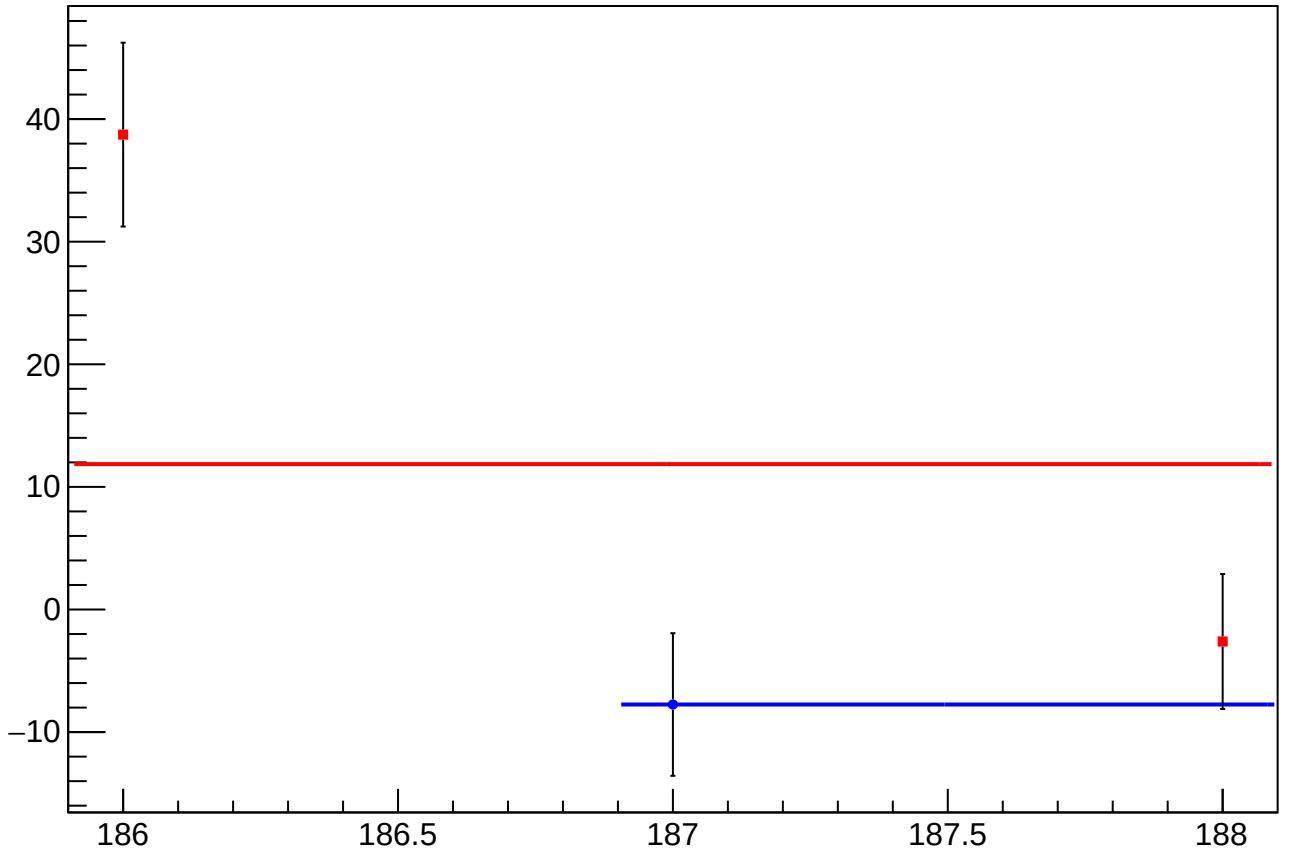
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.390+/-0.067 χ^2/NDF: 166.5/2

In: 0.192+/-0.149 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.390+/-0.067 χ^2/NDF: 166.5/2



Right In: -7.749+/-5.815 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.858+/-4.436 χ^2/NDF: 19.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

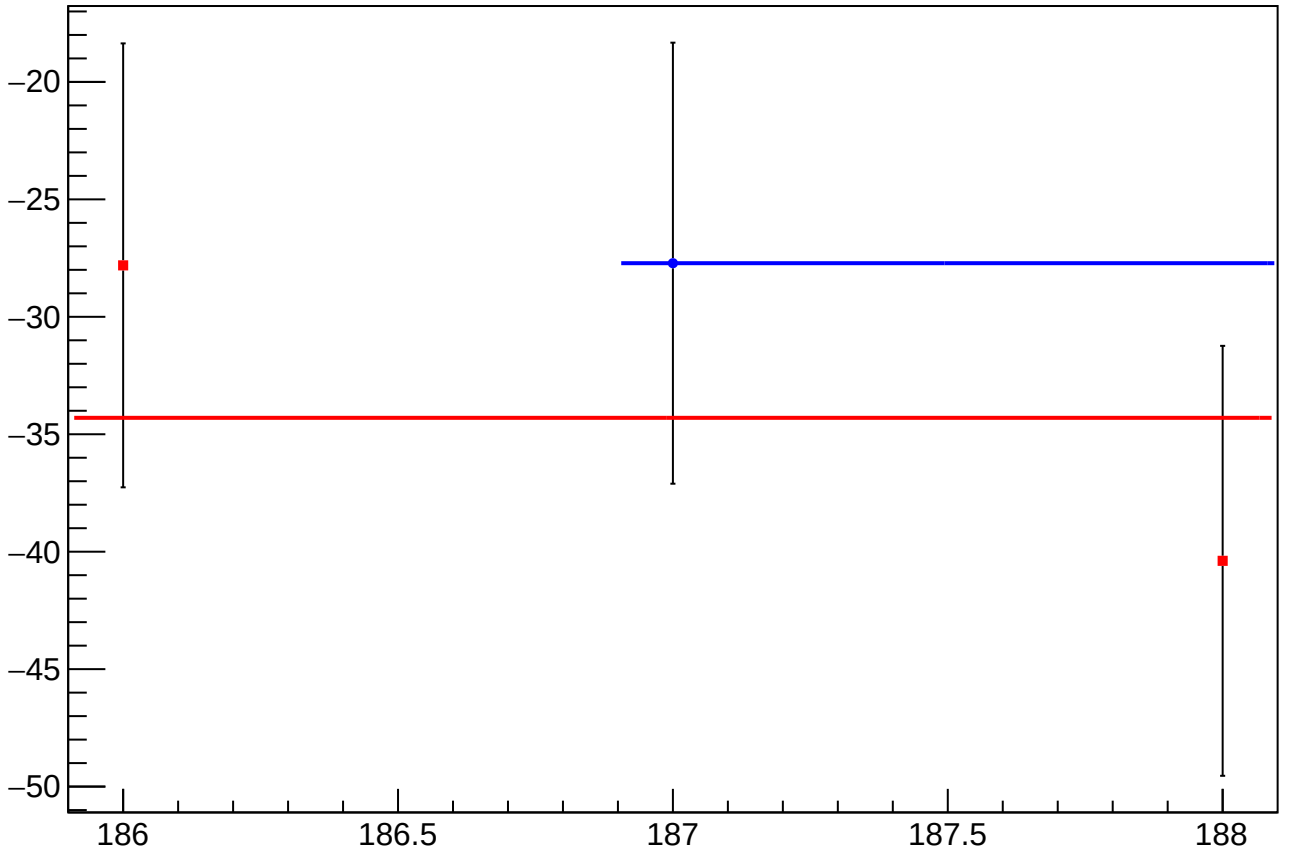
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.645+/-3.527 χ^2/NDF: 26.9/2

In: -7.749+/-5.815 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.645+/-3.527 χ^2/NDF: 26.9/2



Right In: -27.717+/-9.388 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -34.300+/-6.574 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

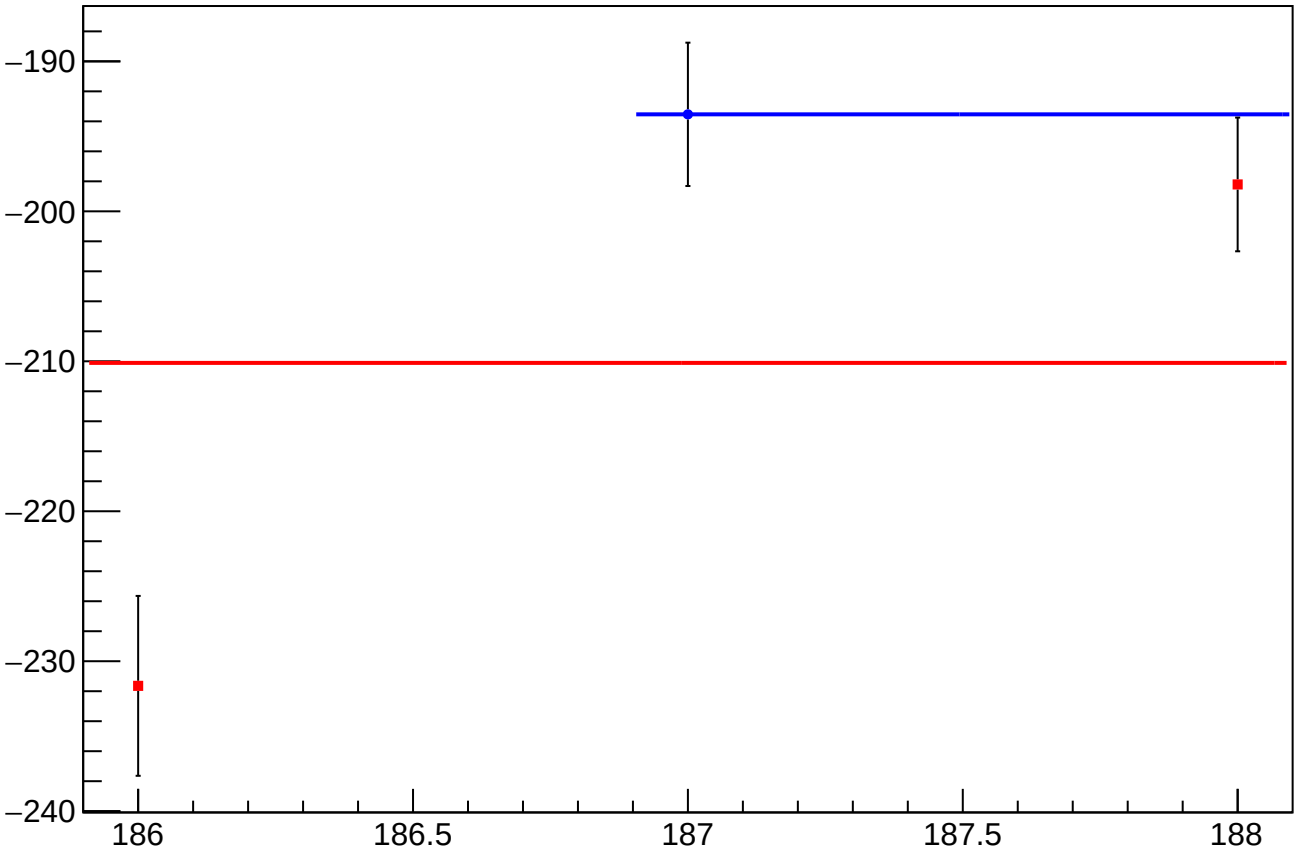
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -32.134+/-5.385 χ^2/NDF: 1.2/2

In: -27.717+/-9.388 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -32.134+/-5.385 χ^2/NDF: 1.2/2



Right In: -193.533+/-4.779 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -210.107+/-3.578 χ^2/NDF: 20.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

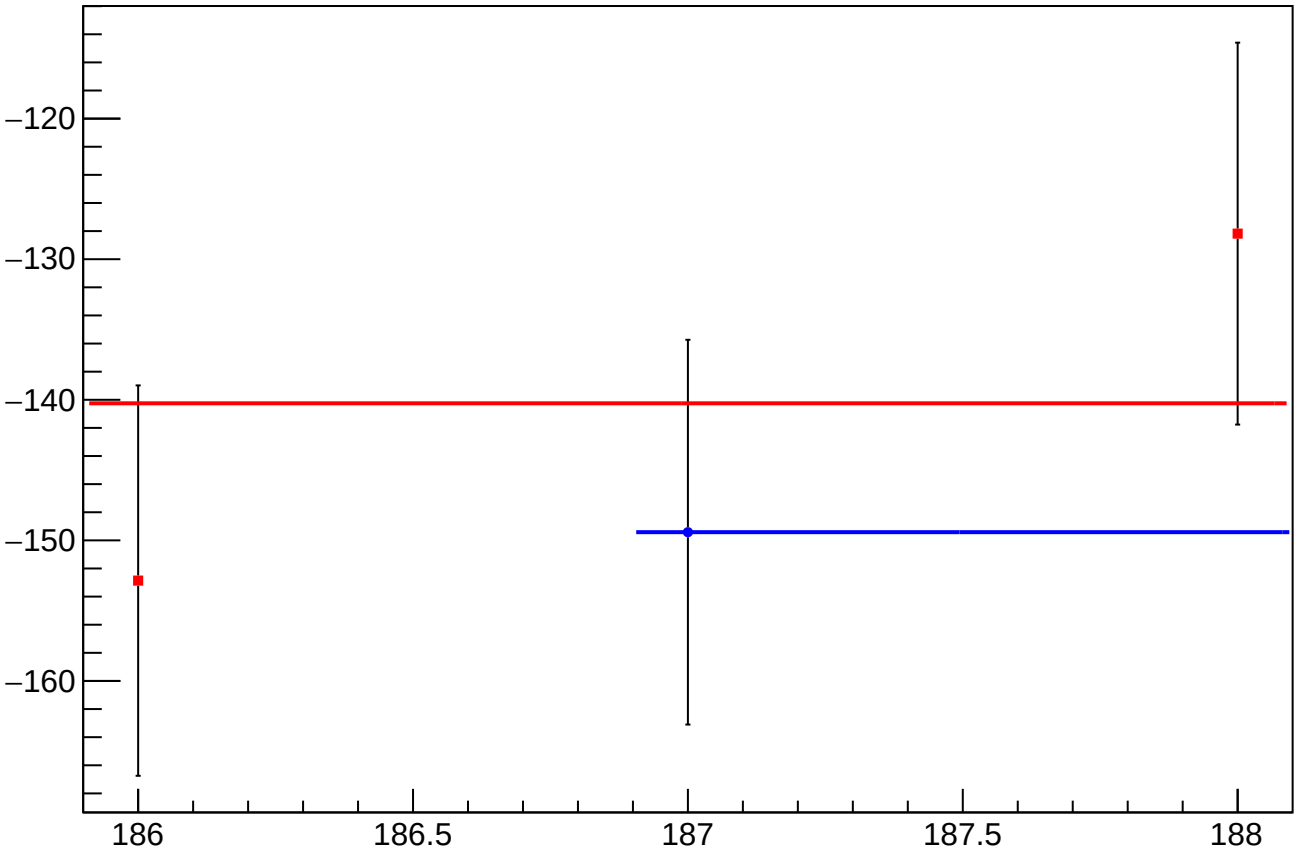
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -204.154+/-2.864 χ^2/NDF: 27.7/2

In: -193.533+/-4.779 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -204.154+/-2.864 χ^2/NDF: 27.7/2



Right In: -149.417+/-13.685 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -140.250+/-9.710 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

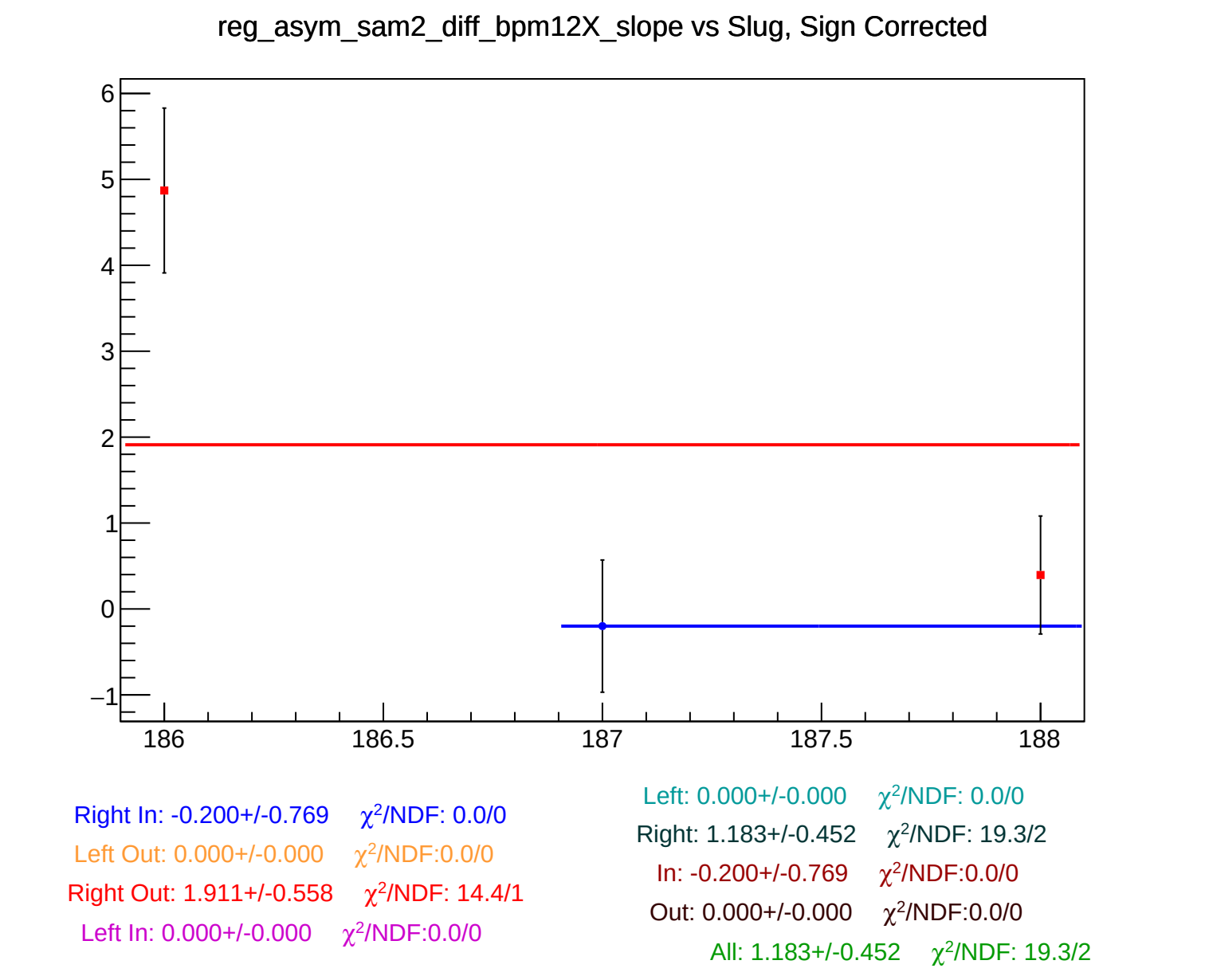
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

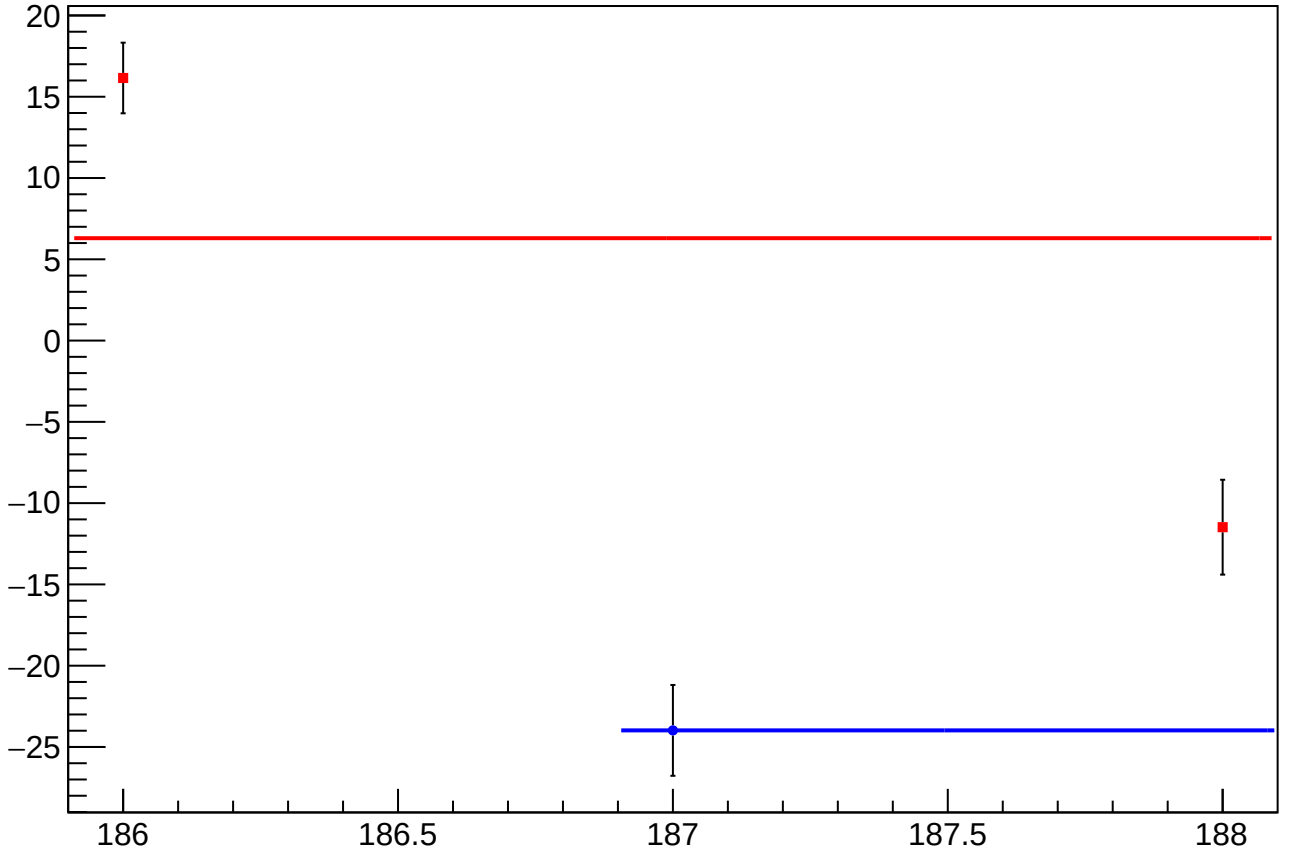
Right: -143.320+/-7.919 χ^2/NDF: 1.9/2

In: -149.417+/-13.685 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -143.320+/-7.919 χ^2/NDF: 1.9/2


reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected
6
5
4
3
2
1
0
−1
186
186.5
187
187.5
188
Right In: -0.200+/-0.769 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1.911+/-0.558 χ²/NDF: 14.4/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1.183+/-0.452 χ²/NDF: 19.3/2
In: -0.200+/-0.769 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1.183+/-0.452 χ²/NDF: 19.3/2



Right In: -23.980+/-2.794 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.299+/-1.742 χ^2/NDF: 57.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

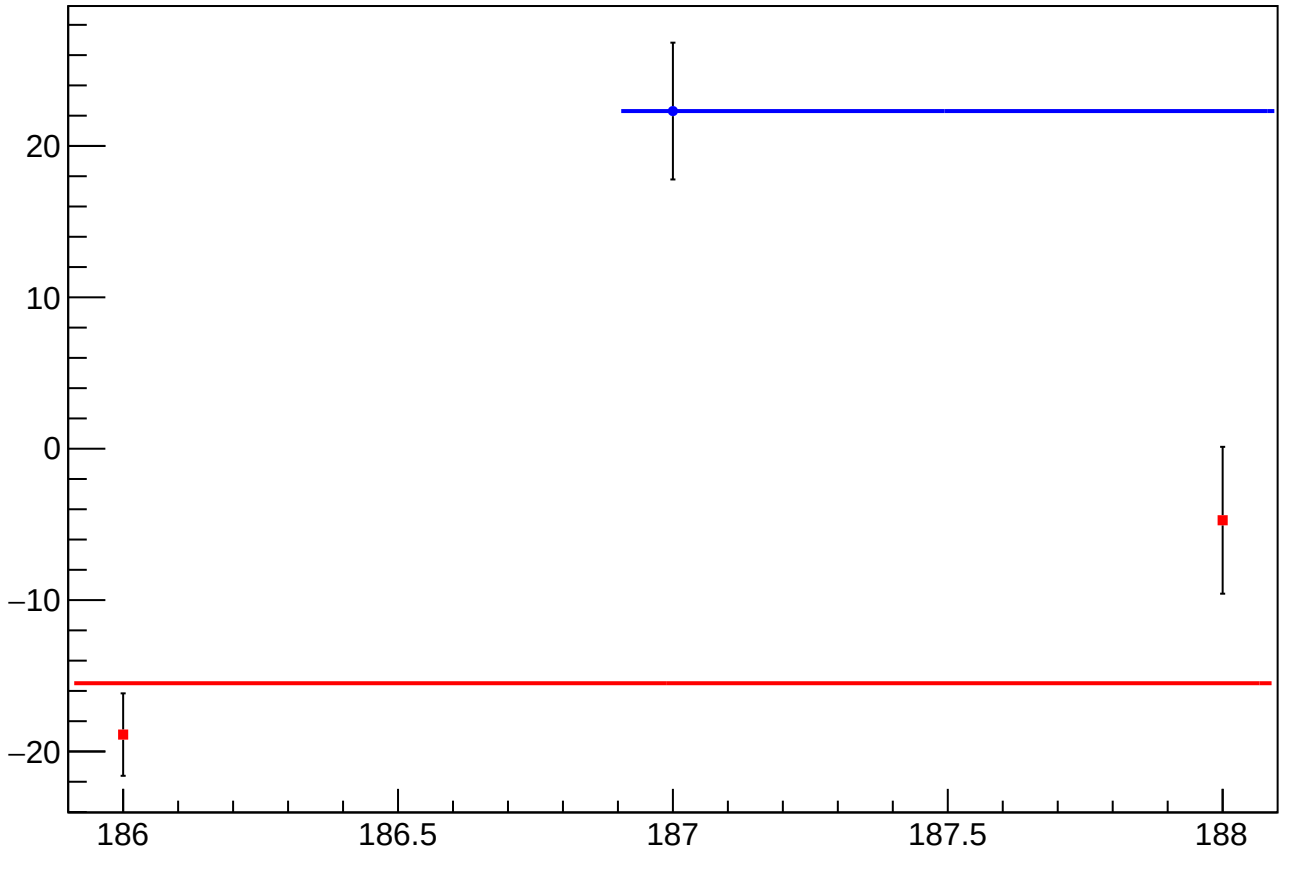
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2.181+/-1.478 χ^2/NDF: 142.3/2

In: -23.980+/-2.794 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.181+/-1.478 χ^2/NDF: 142.3/2



Right In: 22.305+/-4.518 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.492+/-2.374 χ^2/NDF: 6.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

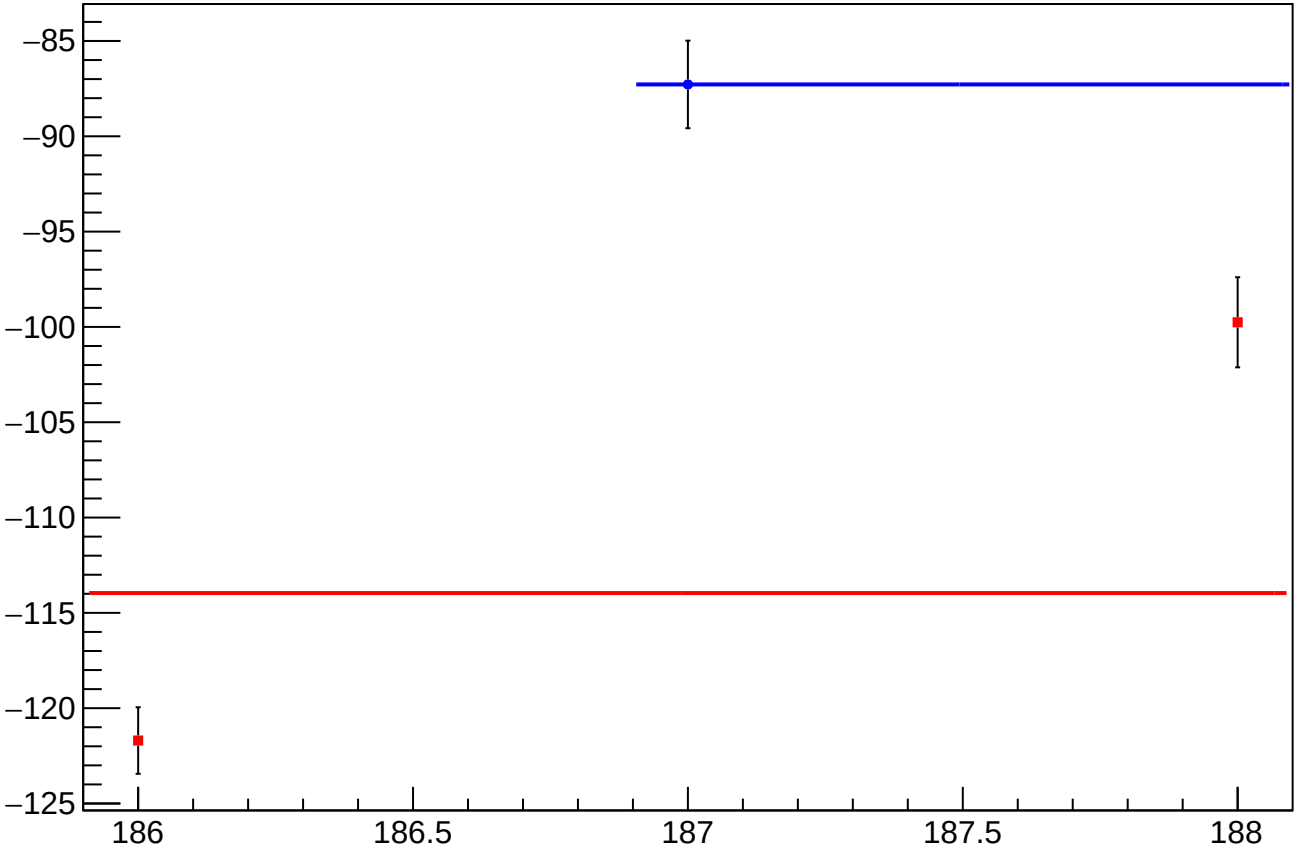
Right: -7.311+/-2.102 χ^2/NDF: 61.3/2

In: 22.305+/-4.518 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.311+/-2.102 χ^2/NDF: 61.3/2

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.280+/-2.296 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -113.960+/-1.404 χ^2/NDF: 55.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

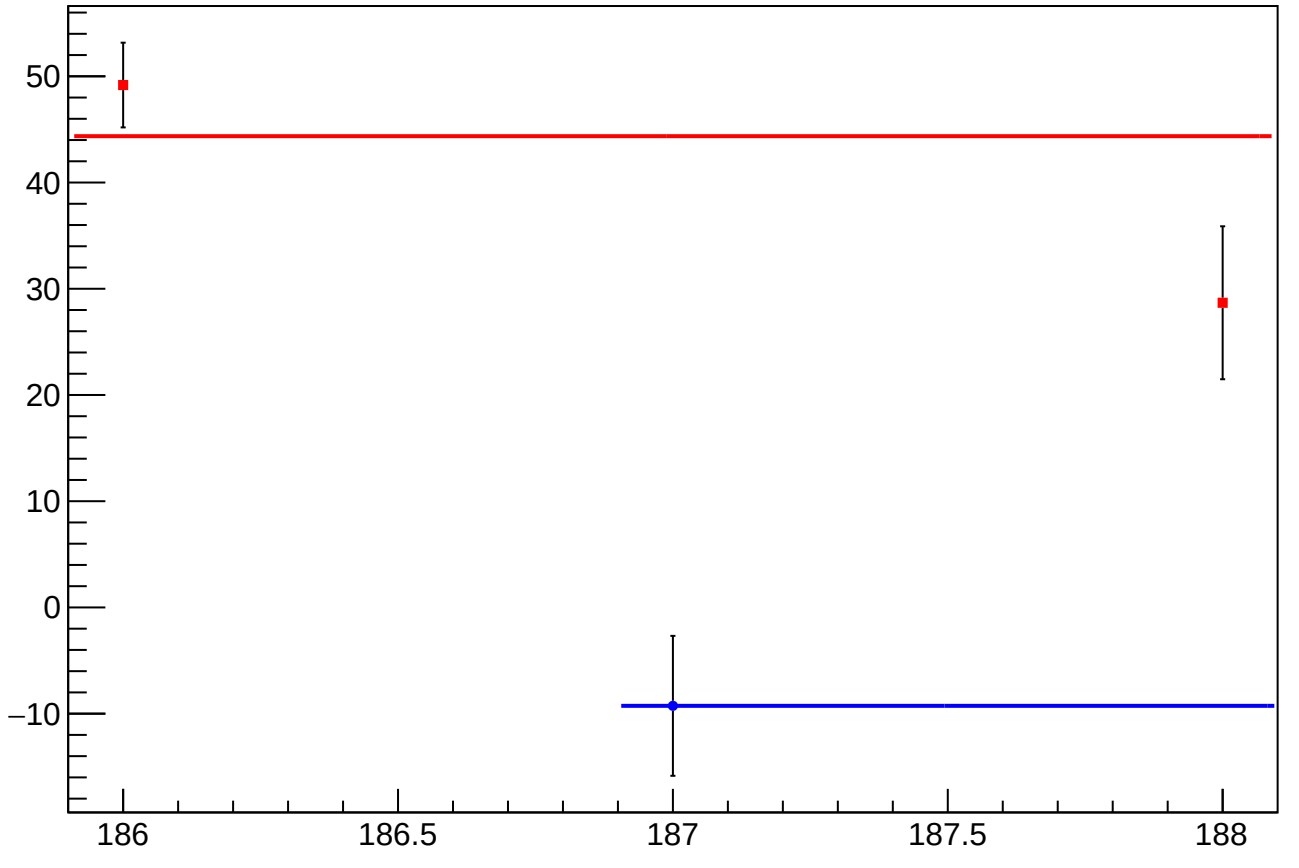
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -106.700+/-1.198 χ^2/NDF: 154.1/2

In: -87.280+/-2.296 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -106.700+/-1.198 χ^2/NDF: 154.1/2



Right In: -9.263+/-6.586 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 44.364+/-3.489 χ^2/NDF: 6.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

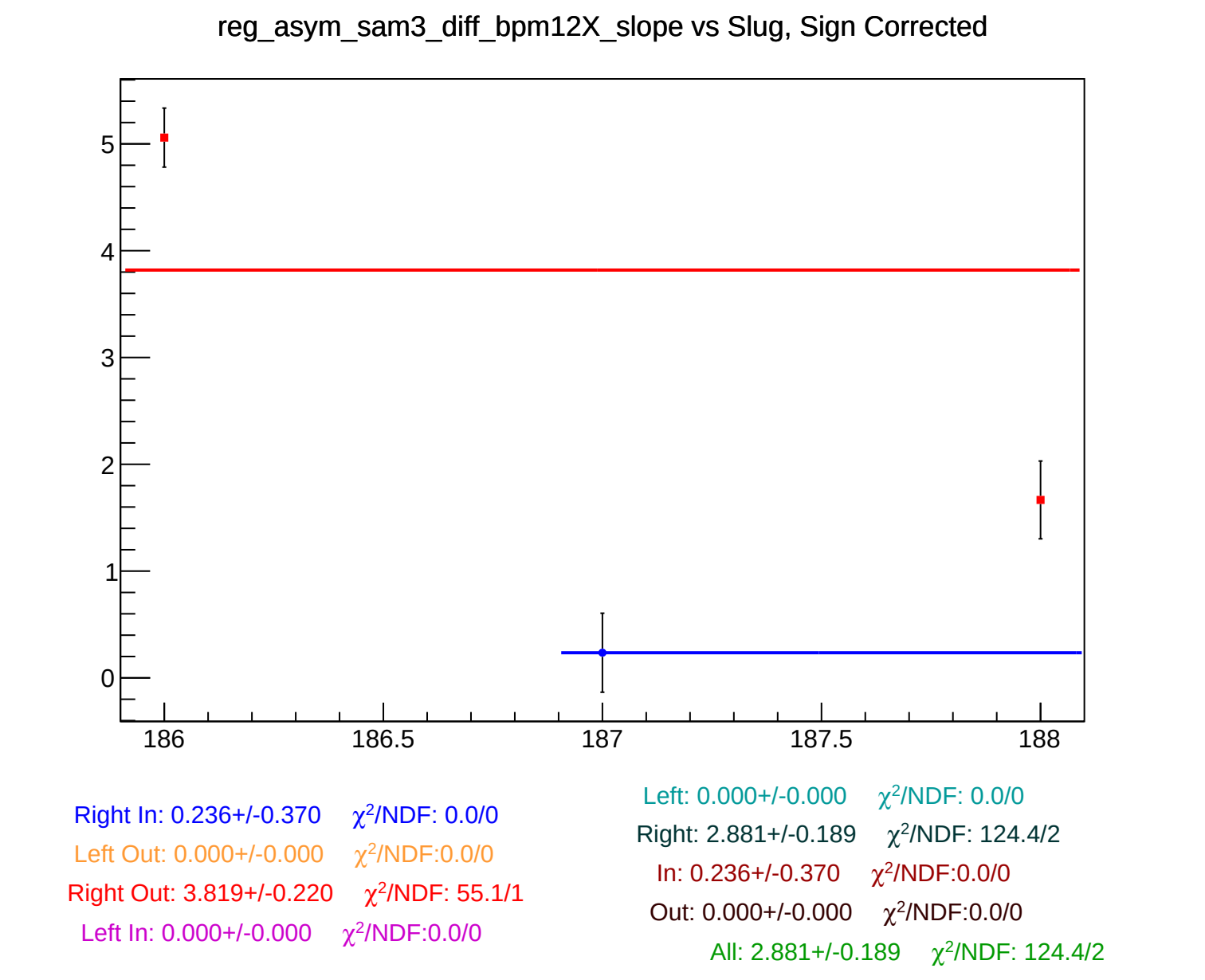
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

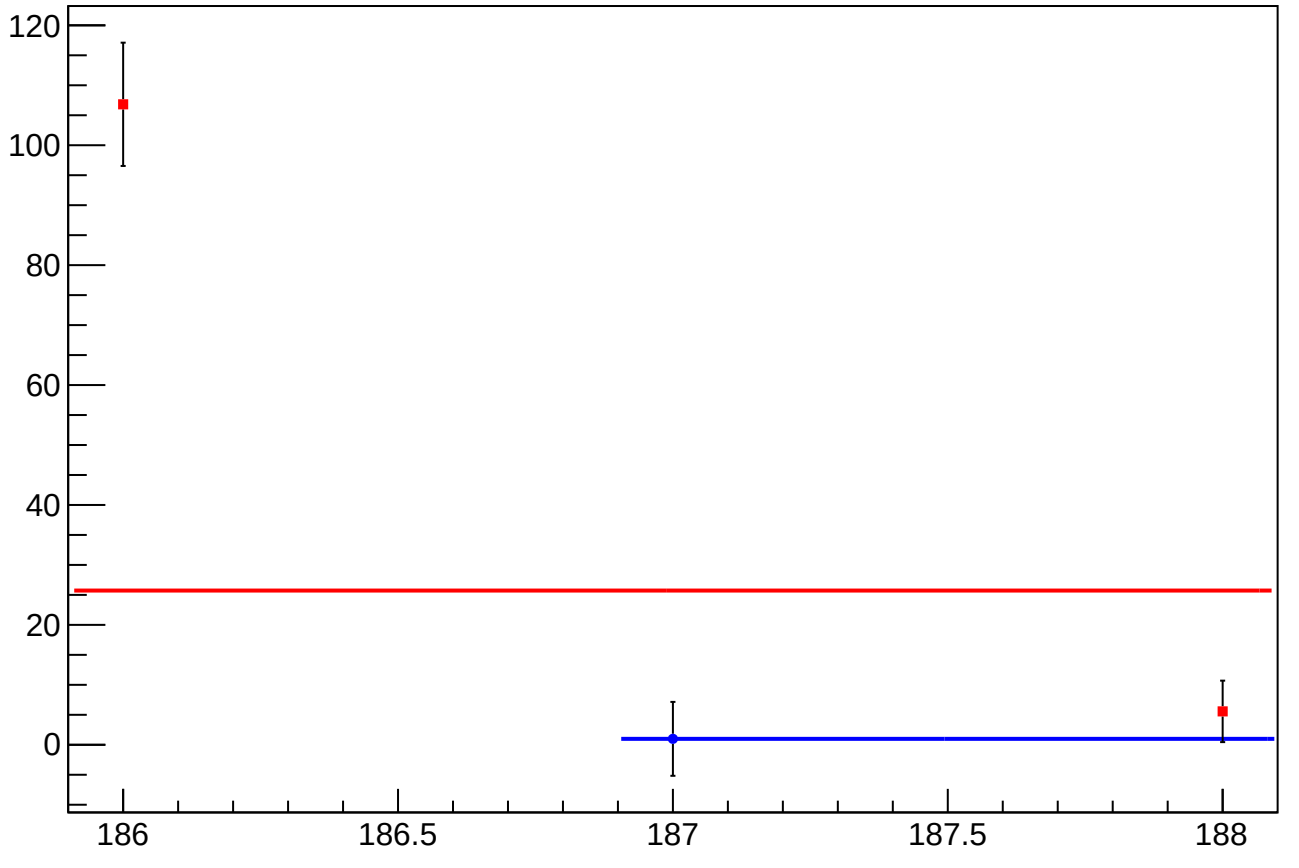
Right: 32.614+/-3.083 χ^2/NDF: 58.0/2

In: -9.263+/-6.586 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 32.614+/-3.083 χ^2/NDF: 58.0/2


reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected
5
4
3
2
1
0
186
186.5
187
187.5
188
Right In: 0.236+/-0.370 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 3.819+/-0.220 χ2/NDF: 55.1/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 2.881+/-0.189 χ2/NDF: 124.4/2
In: 0.236+/-0.370 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 2.881+/-0.189 χ2/NDF: 124.4/2



Right In: 0.990+/-6.163 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 25.725+/-4.587 χ^2/NDF: 77.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

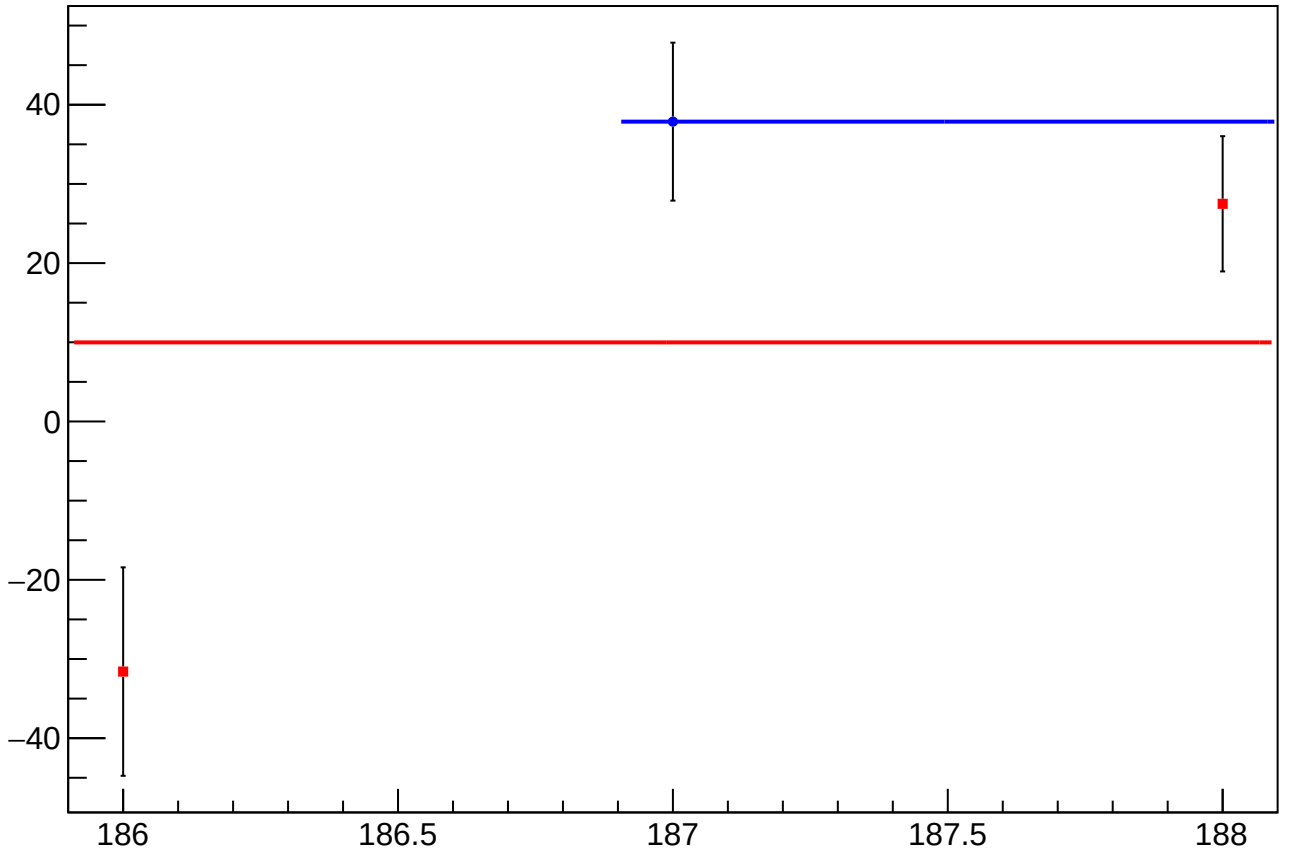
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 16.907+/-3.680 χ^2/NDF: 88.0/2

In: 0.990+/-6.163 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 16.907+/-3.680 χ^2/NDF: 88.0/2



Right In: 37.866+/-9.974 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.987+/-7.164 χ^2/NDF: 14.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

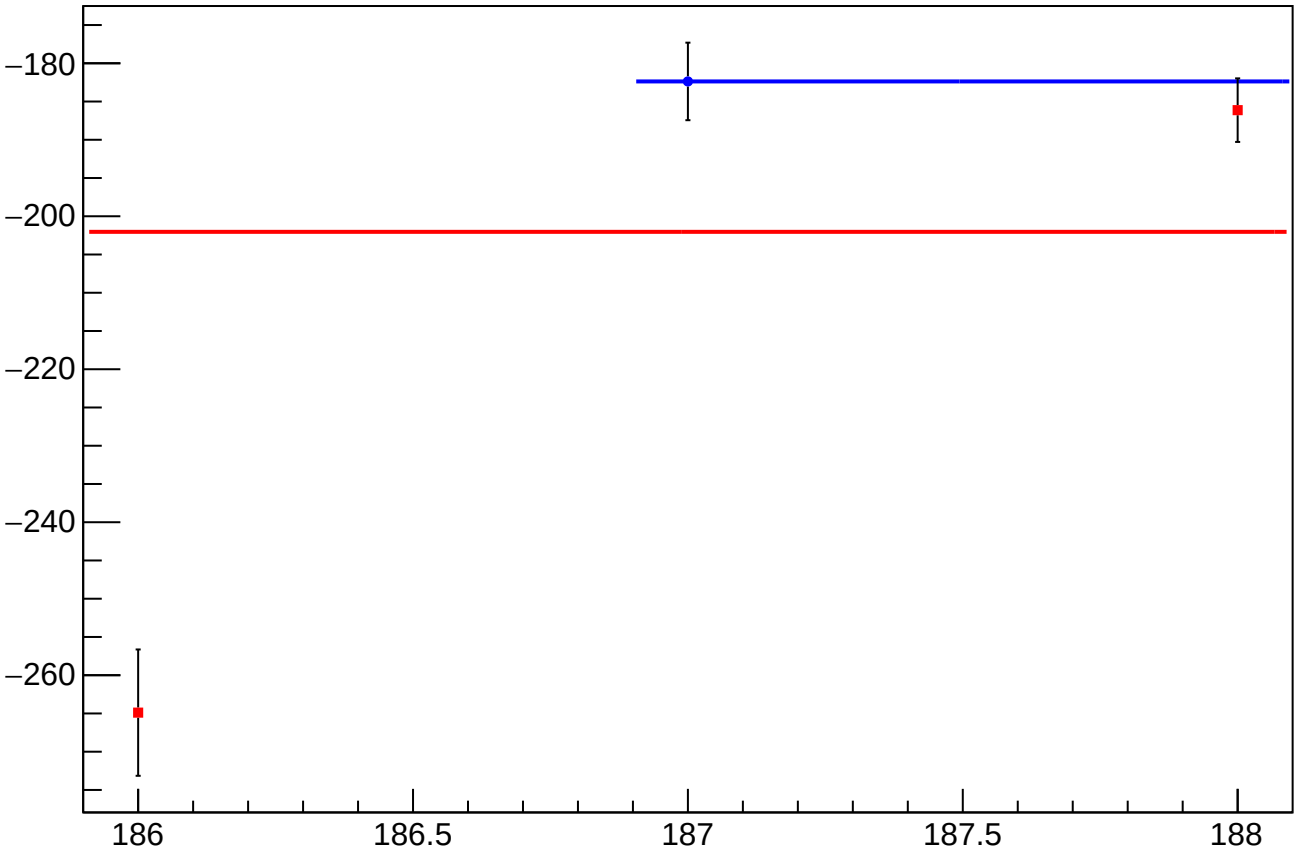
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 19.475+/-5.819 χ^2/NDF: 19.3/2

In: 37.866+/-9.974 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 19.475+/-5.819 χ^2/NDF: 19.3/2



Right In: -182.374+/-5.067 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -202.036+/-3.711 χ^2/NDF: 72.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

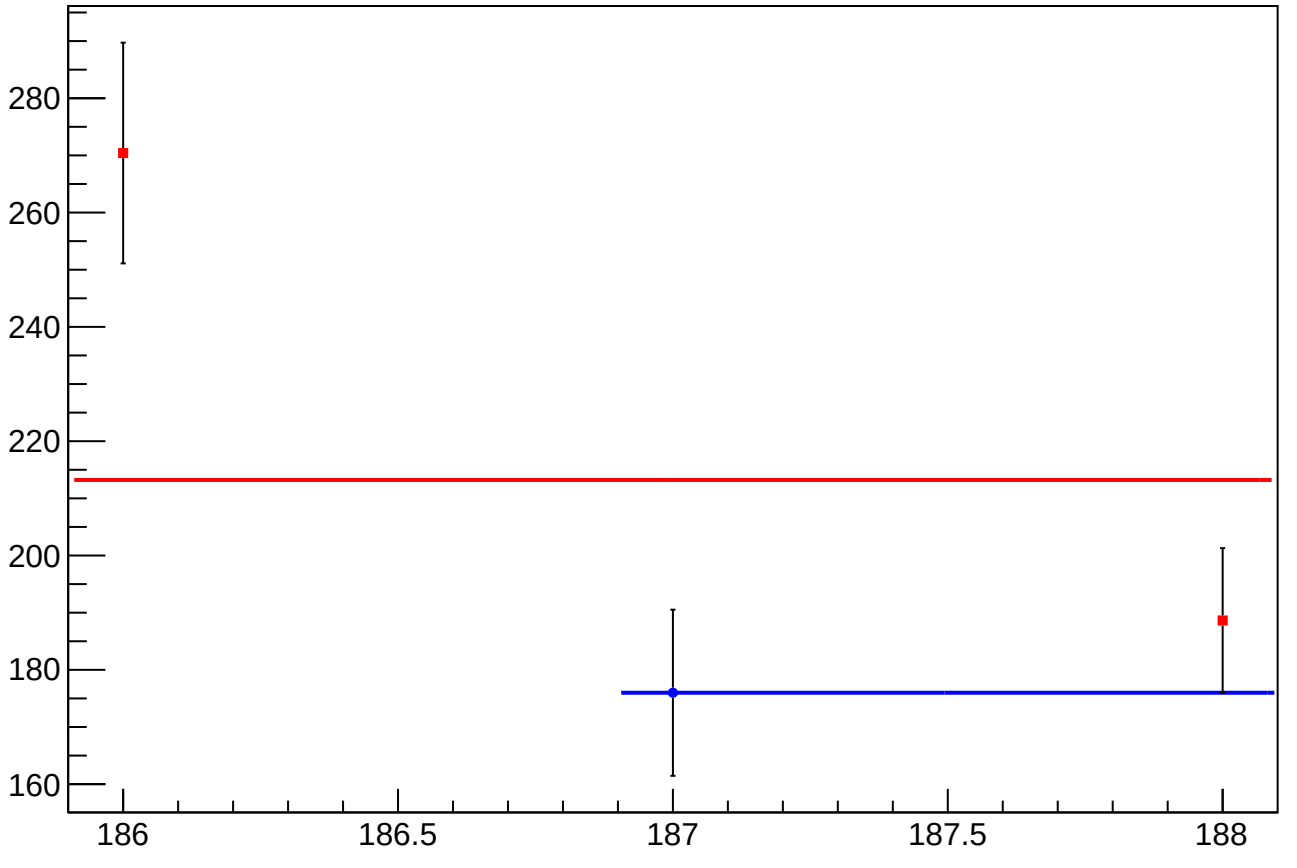
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -195.172+/-2.994 χ^2/NDF: 82.4/2

In: -182.374+/-5.067 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -195.172+/-2.994 χ^2/NDF: 82.4/2



Right In: 175.995+/-14.532 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 213.218+/-10.586 χ^2/NDF: 12.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

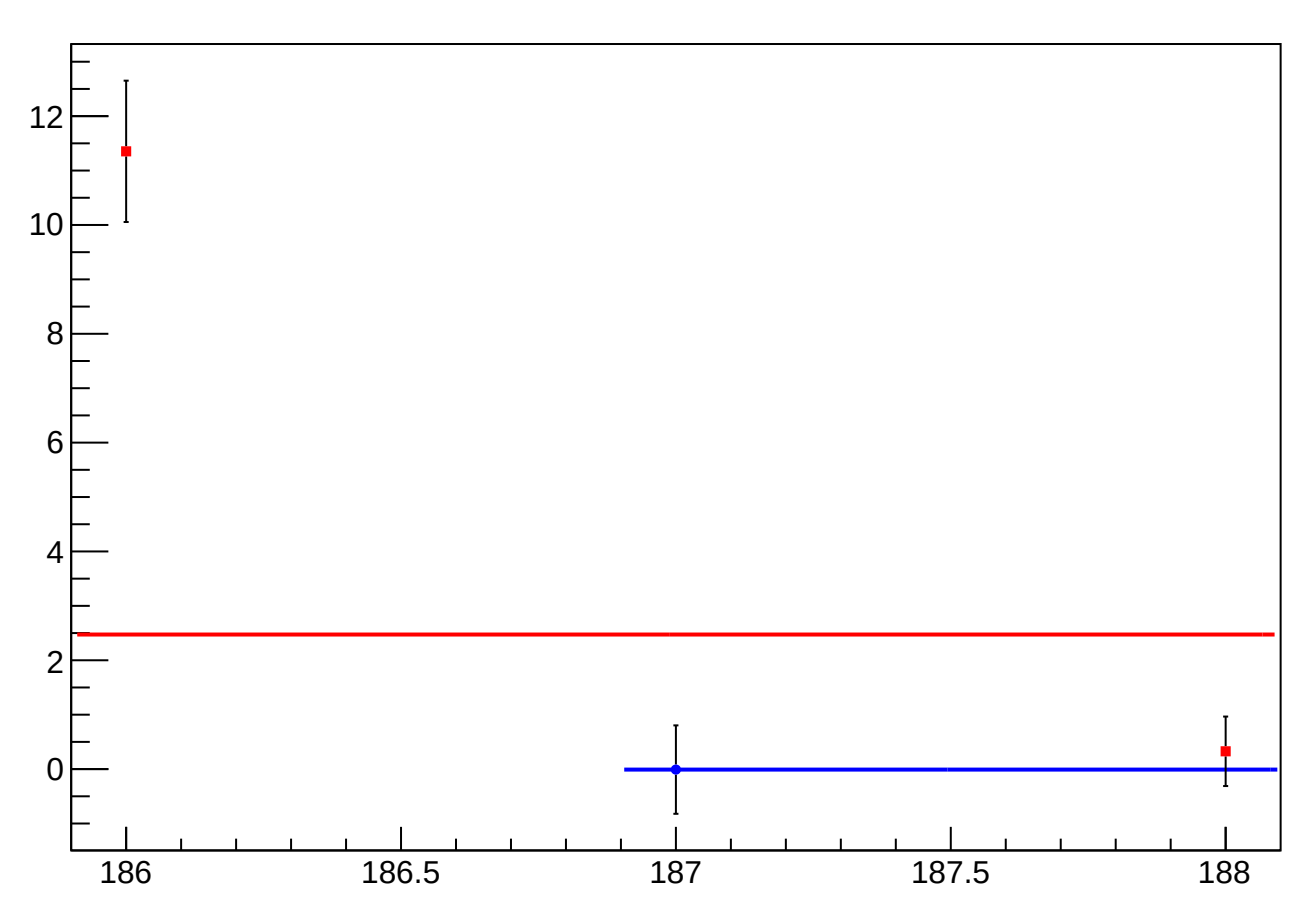
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 200.313+/-8.556 χ^2/NDF: 16.8/2

In: 175.995+/-14.532 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 200.313+/-8.556 χ^2/NDF: 16.8/2



Right In: -0.009+/-0.812 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.473+/-0.573 χ^2/NDF: 58.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

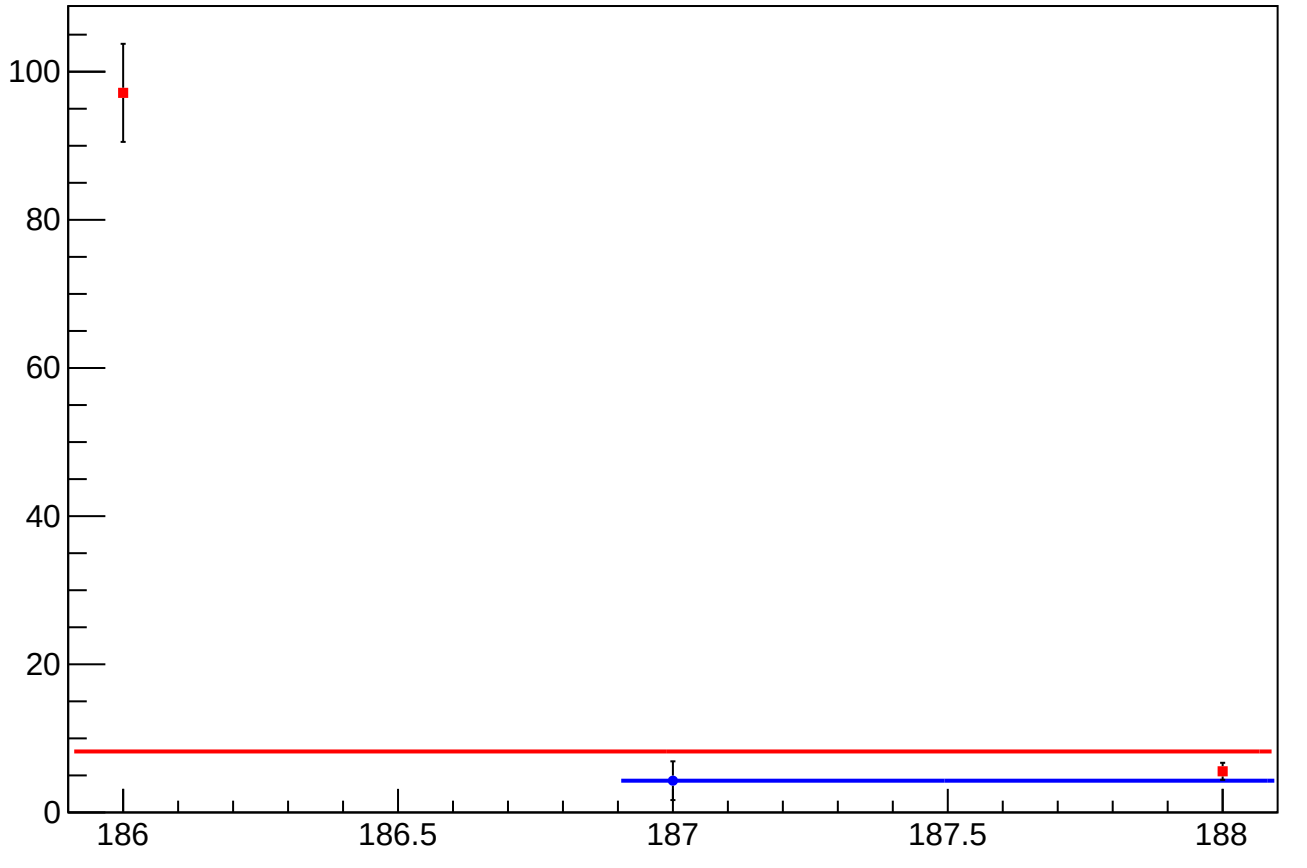
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.649+/-0.468 χ^2/NDF: 64.3/2

In: -0.009+/-0.812 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.649+/-0.468 χ^2/NDF: 64.3/2



Right In: 4.287+/-2.614 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.233+/-1.132 χ^2/NDF: 185.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

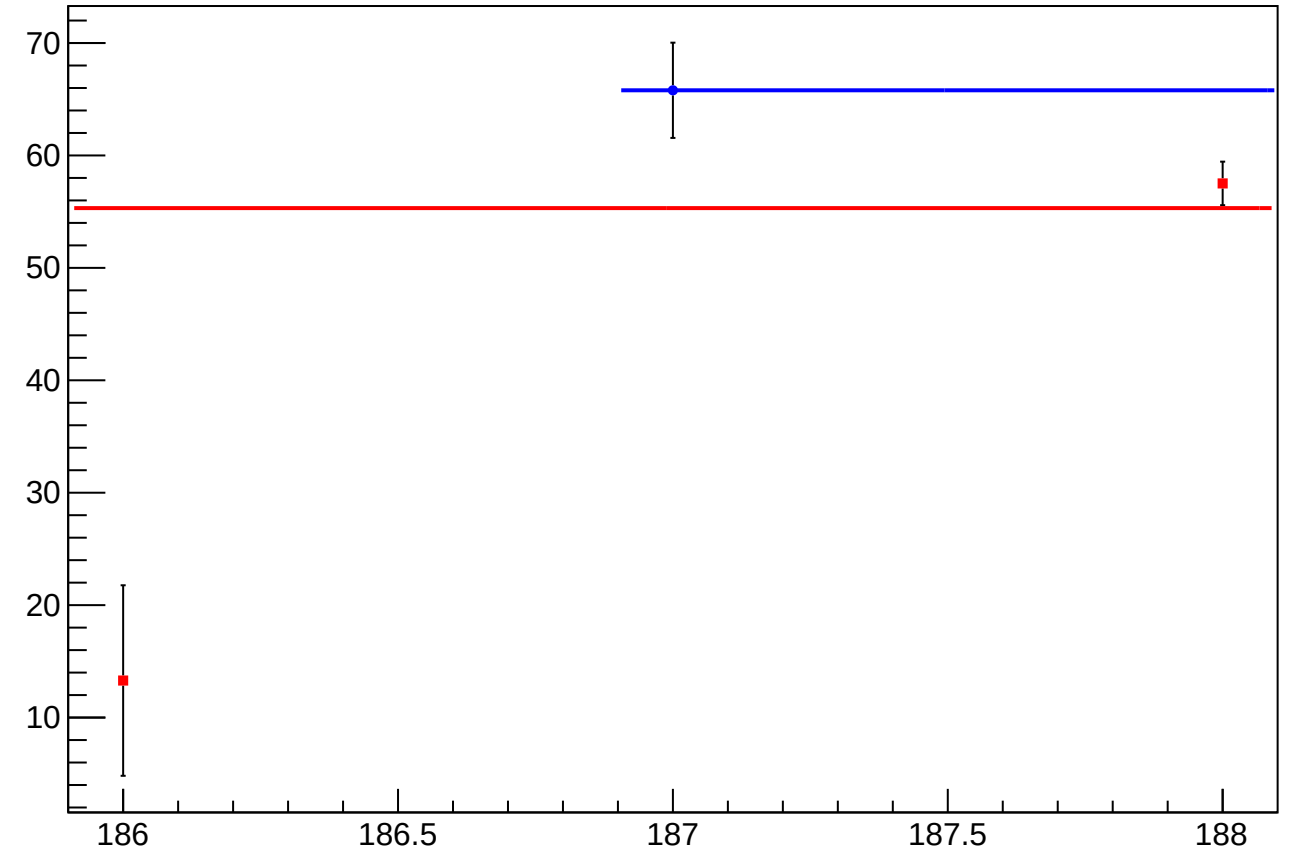
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.610+/-1.039 χ^2/NDF: 187.8/2

In: 4.287+/-2.614 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.610+/-1.039 χ^2/NDF: 187.8/2



Right In: 65.796+/-4.236 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 55.316+/-1.888 χ^2/NDF: 25.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

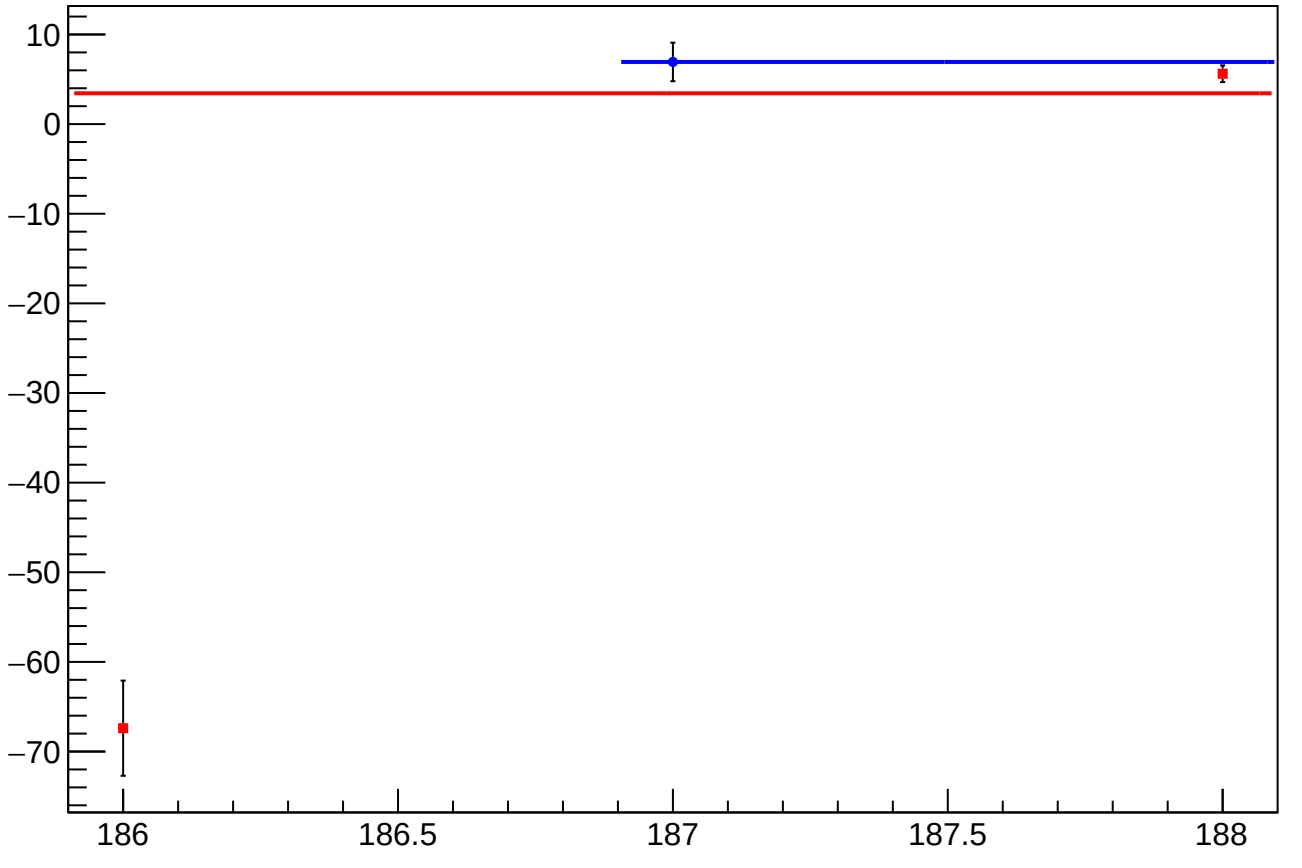
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 57.053+/-1.725 χ^2/NDF: 31.0/2

In: 65.796+/-4.236 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 57.053+/-1.725 χ^2/NDF: 31.0/2



Right In: 6.936+/-2.150 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.438+/-0.918 χ^2/NDF: 183.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

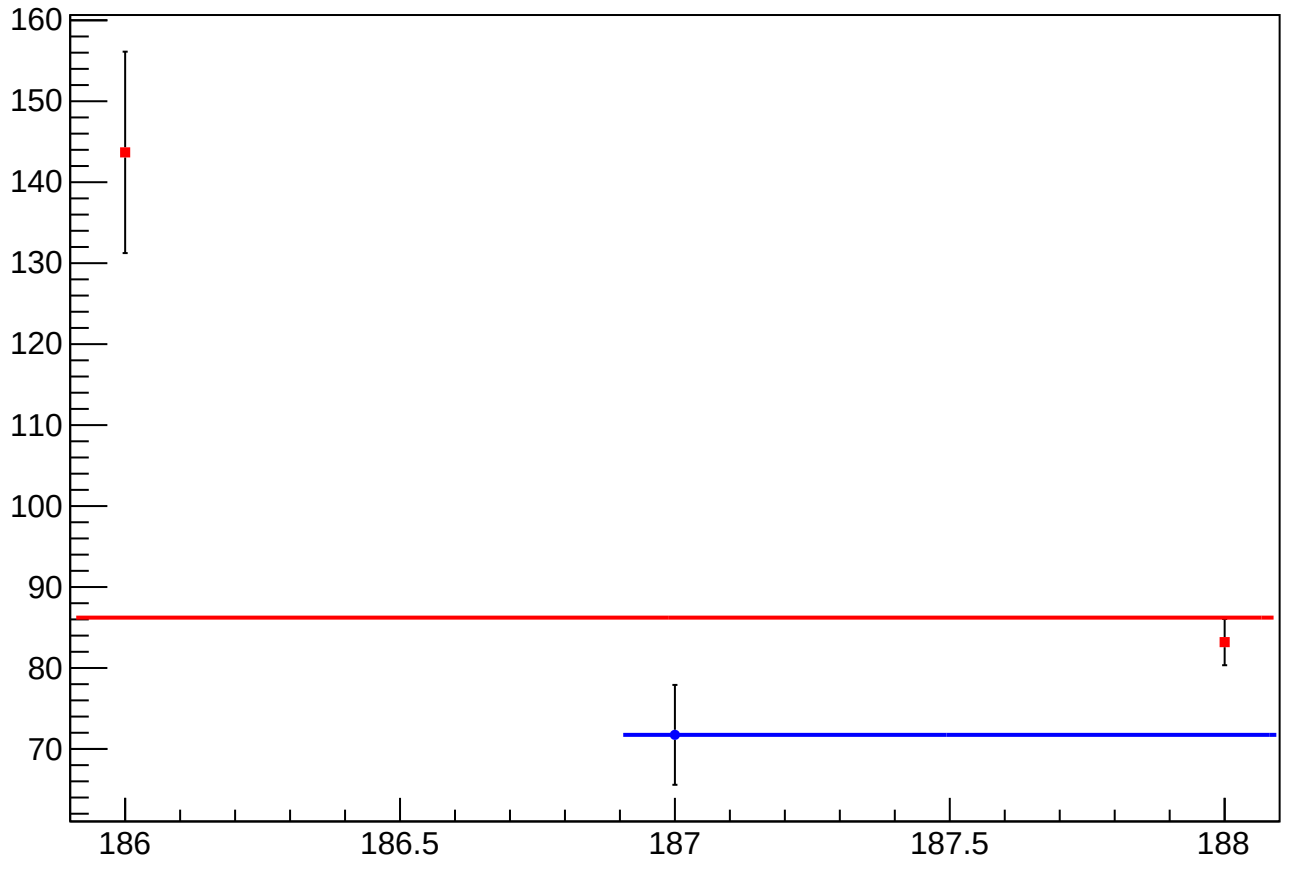
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.977+/-0.844 χ^2/NDF: 185.6/2

In: 6.936+/-2.150 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.977+/-0.844 χ^2/NDF: 185.6/2



Right In: 71.741+/-6.168 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 86.221+/-2.782 χ^2/NDF: 22.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

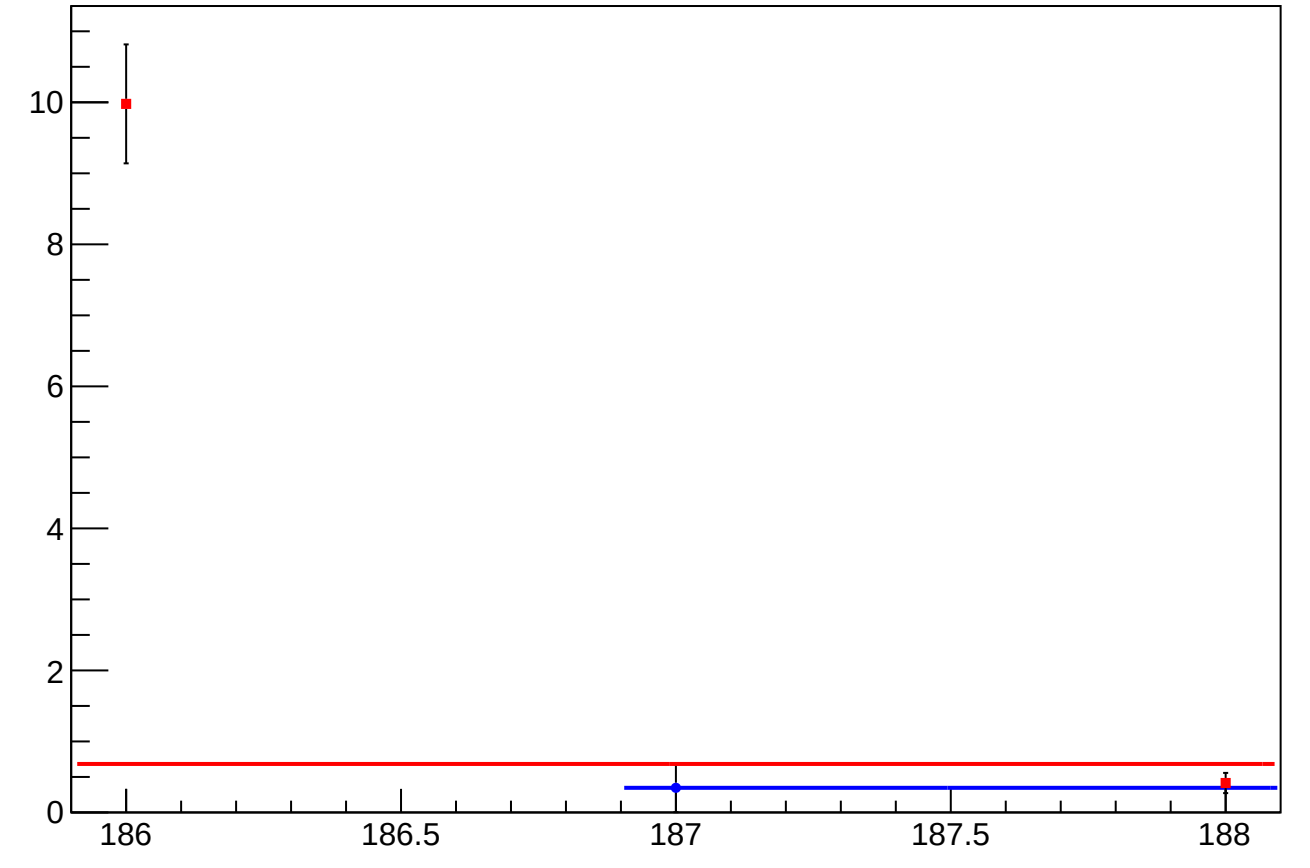
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 83.774+/-2.536 χ^2/NDF: 27.0/2

In: 71.741+/-6.168 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 83.774+/-2.536 χ^2/NDF: 27.0/2



Right In: 0.347+/-0.343 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.683+/-0.140 χ^2/NDF: 126.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

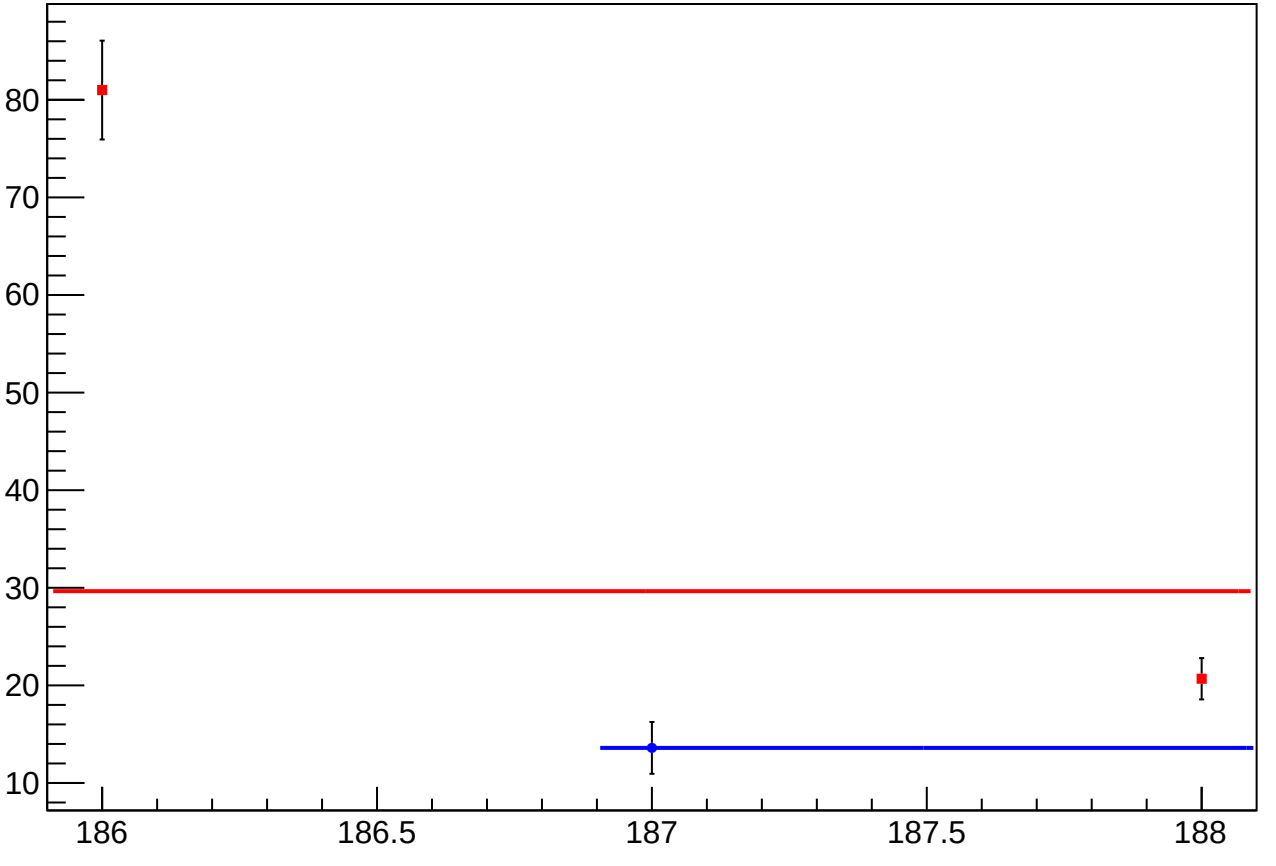
Right: 0.635+/-0.130 χ^2/NDF: 127.6/2

In: 0.347+/-0.343 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.635+/-0.130 χ^2/NDF: 127.6/2

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.595+/-2.654 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.652+/-1.952 χ^2/NDF: 120.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

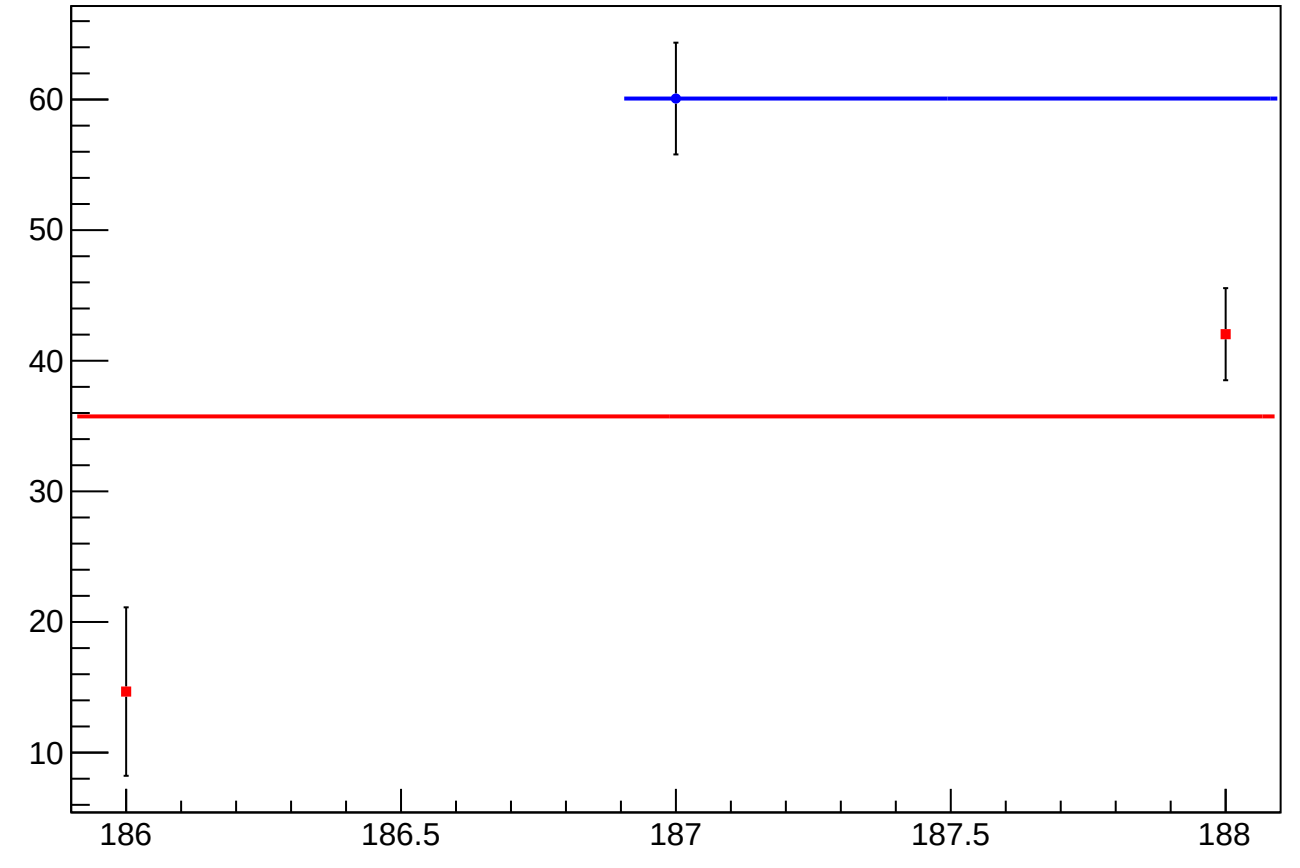
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 24.015+/-1.573 χ^2/NDF: 144.6/2

In: 13.595+/-2.654 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 24.015+/-1.573 χ^2/NDF: 144.6/2



Right In: 60.074+/-4.278 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 35.739+/-3.093 χ^2/NDF: 13.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

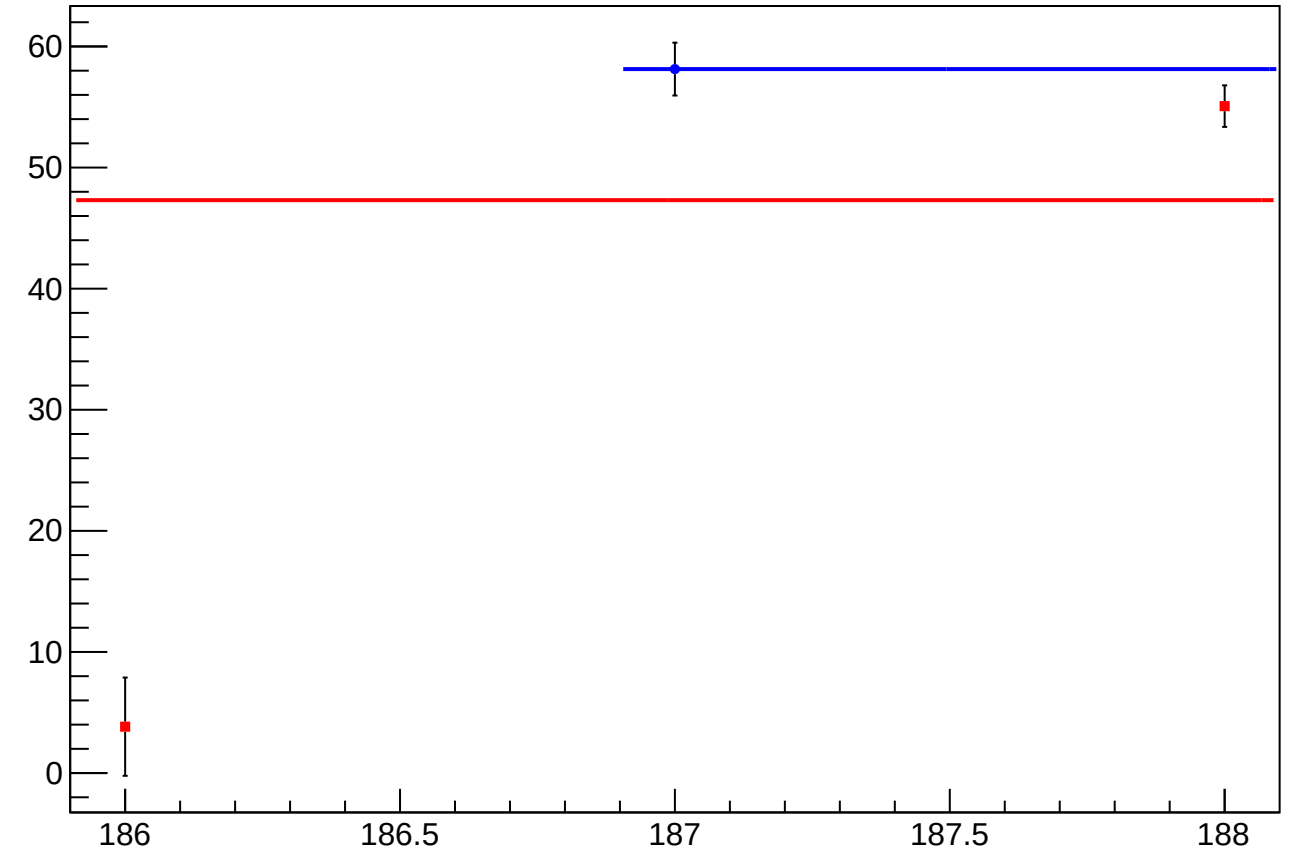
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 44.094+/-2.507 χ^2/NDF: 35.1/2

In: 60.074+/-4.278 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 44.094+/-2.507 χ^2/NDF: 35.1/2



Right In: 58.131+/-2.182 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 47.307+/-1.579 χ^2/NDF: 135.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

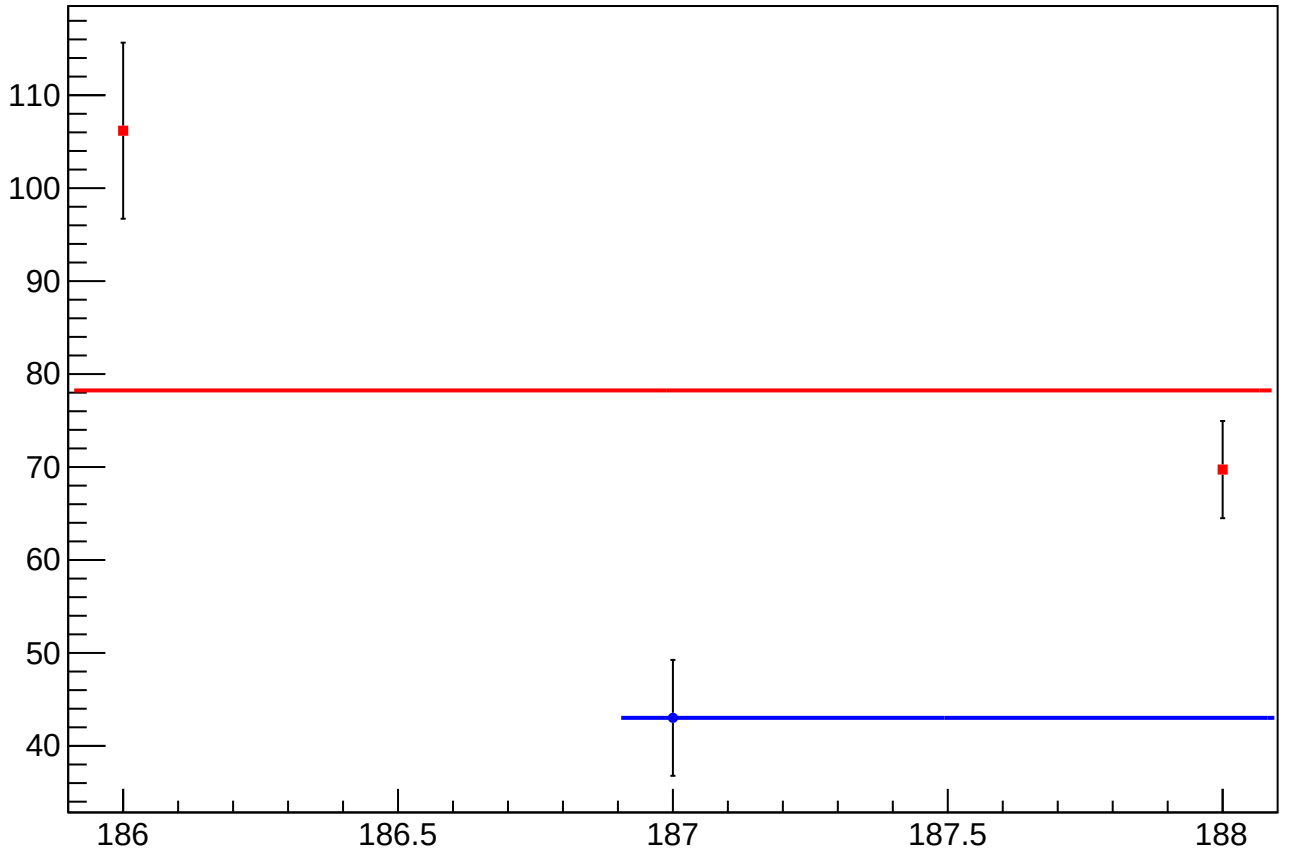
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 51.030+/-1.279 χ^2/NDF: 151.5/2

In: 58.131+/-2.182 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 51.030+/-1.279 χ^2/NDF: 151.5/2



Right In: 43.018+/-6.233 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 78.241+/-4.577 χ^2/NDF: 11.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

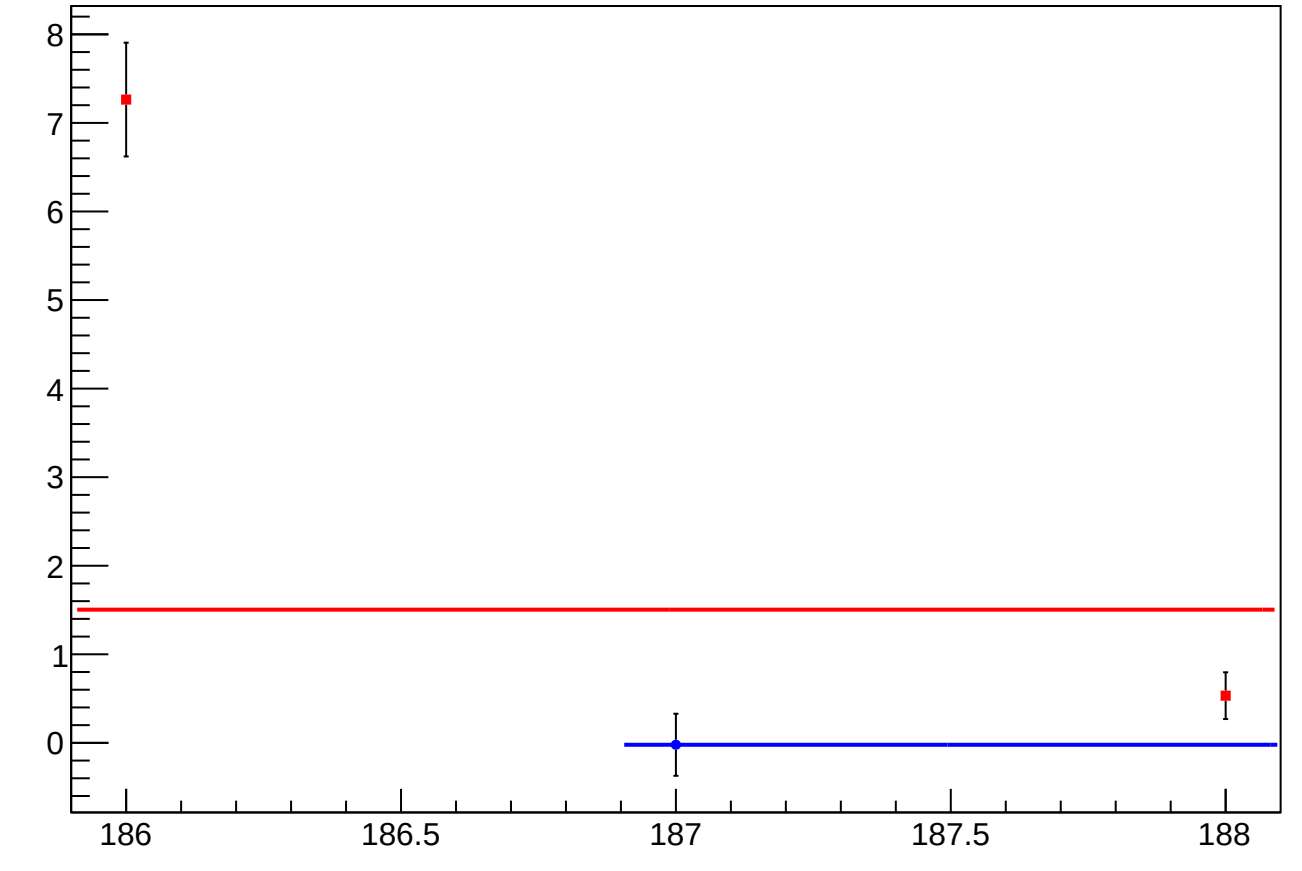
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 65.902+/-3.689 χ^2/NDF: 32.1/2

In: 43.018+/-6.233 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 65.902+/-3.689 χ^2/NDF: 32.1/2



Right In: -0.022+/-0.350 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.504+/-0.244 χ^2/NDF: 93.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

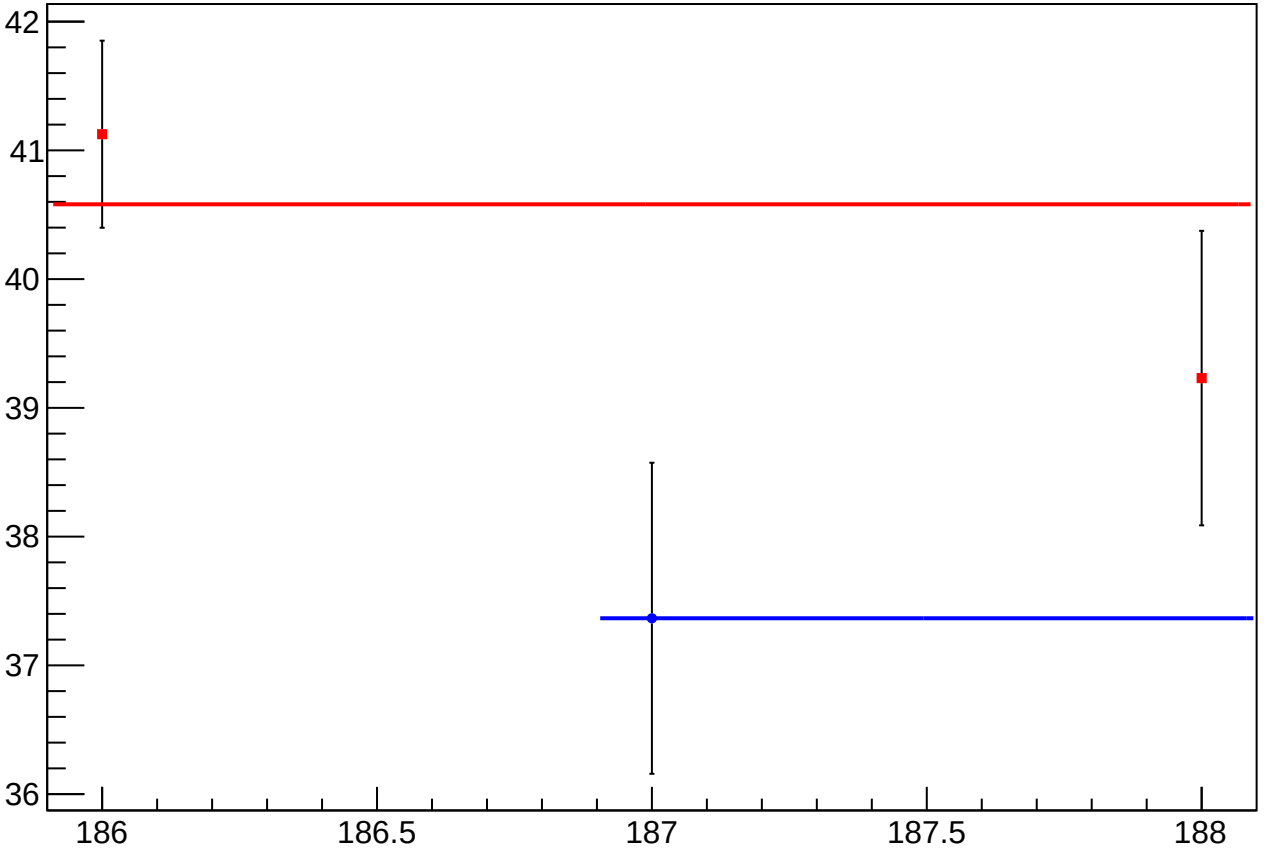
Right: 1.006+/-0.200 χ^2/NDF: 106.7/2

In: -0.022+/-0.350 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.006+/-0.200 χ^2/NDF: 106.7/2

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 37.366+/-1.208 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.581+/-0.613 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

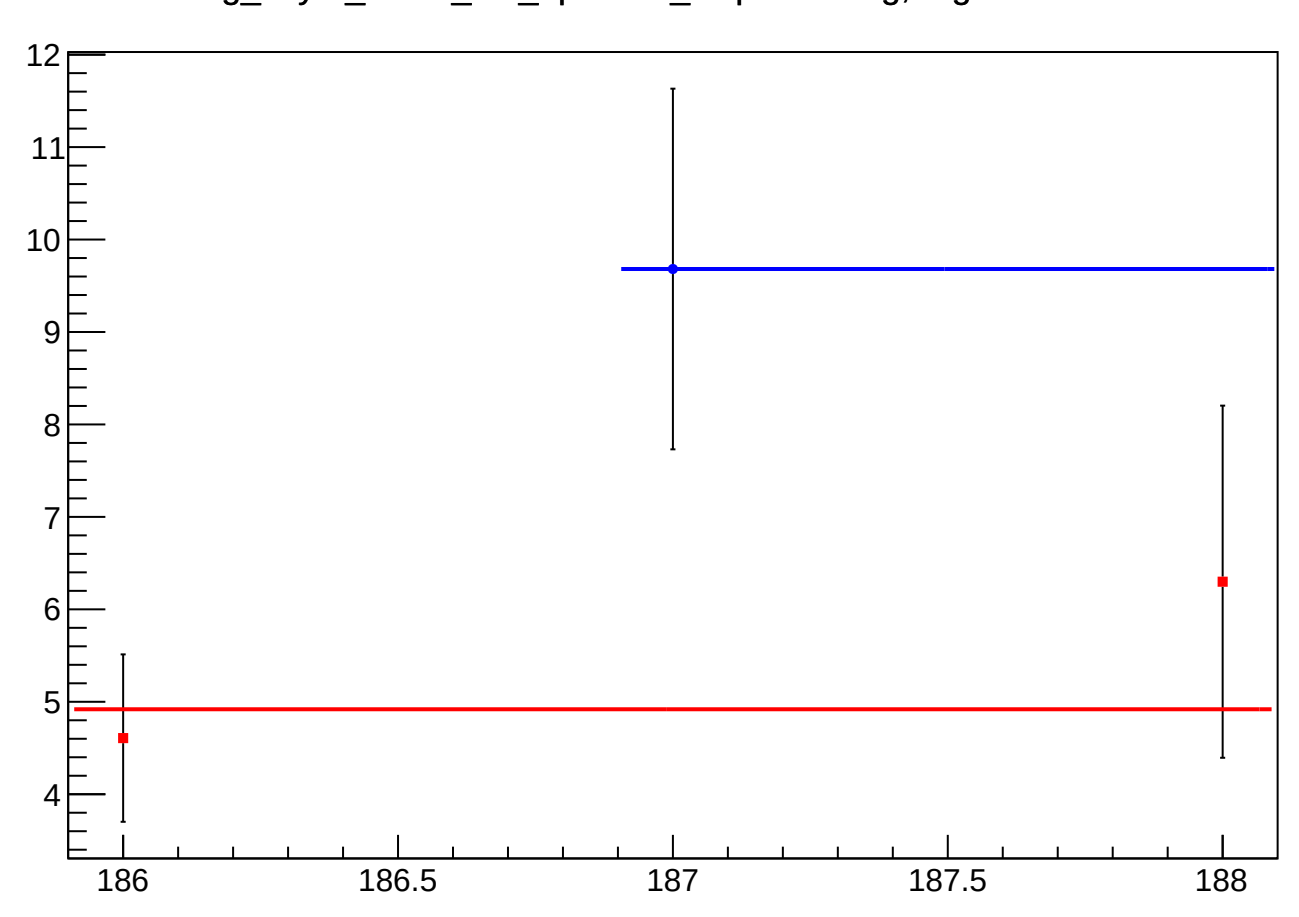
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 39.922+/-0.547 χ^2/NDF: 7.6/2

In: 37.366+/-1.208 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 39.922+/-0.547 χ^2/NDF: 7.6/2



Right In: 9.681+/-1.951 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.919+/-0.818 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

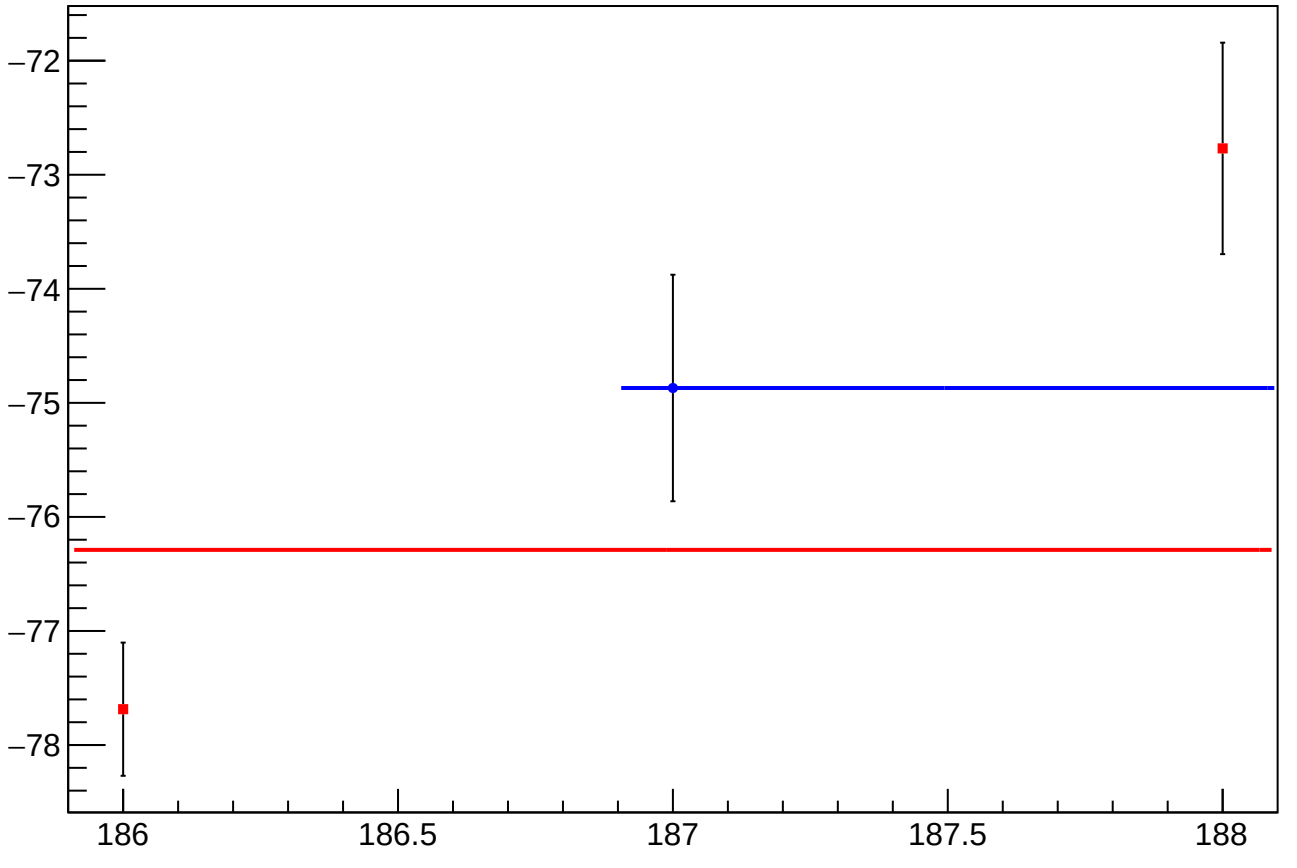
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.631+/-0.754 χ^2/NDF: 5.7/2

In: 9.681+/-1.951 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.631+/-0.754 χ^2/NDF: 5.7/2



Right In: -74.870+/-0.993 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -76.289+/-0.494 χ^2/NDF: 20.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

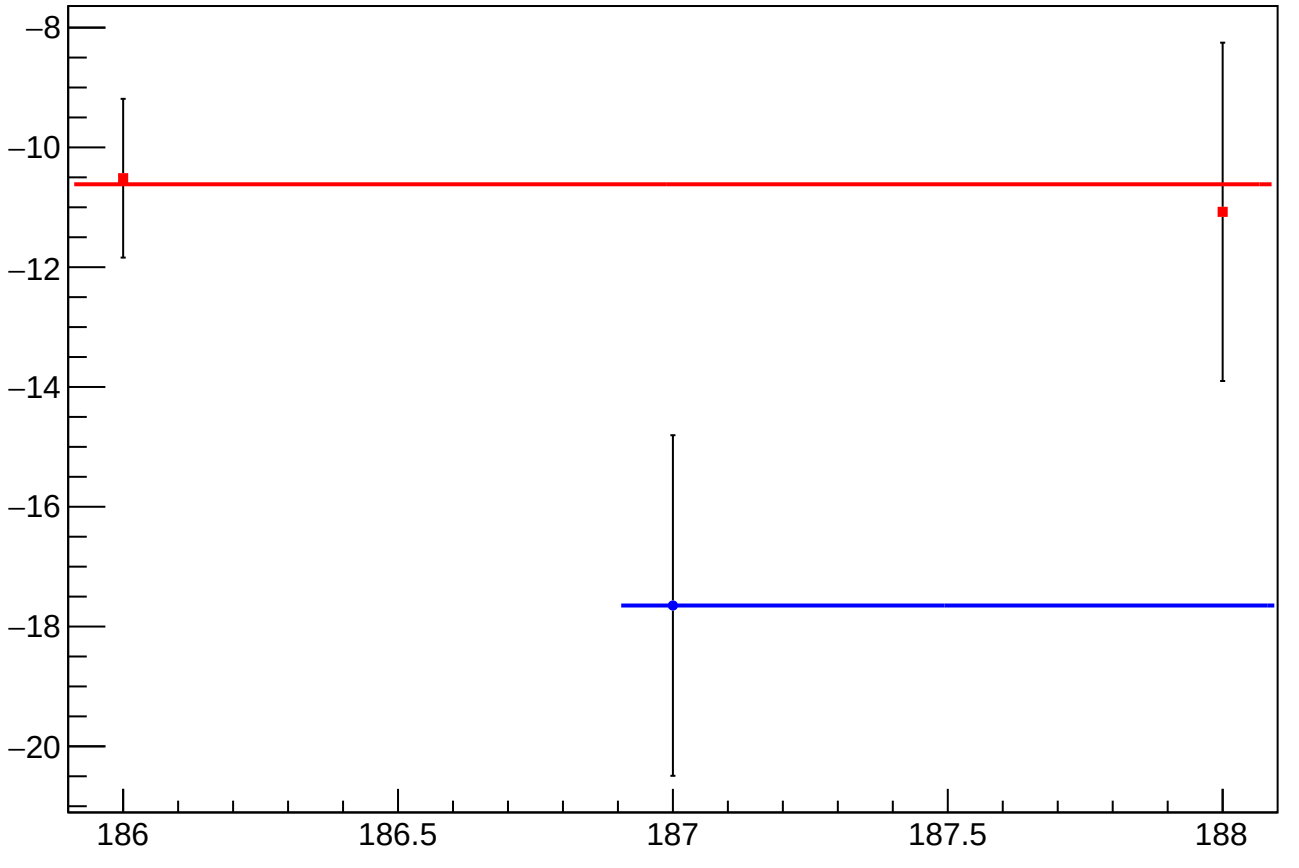
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -76.007+/-0.442 χ^2/NDF: 21.8/2

In: -74.870+/-0.993 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -76.007+/-0.442 χ^2/NDF: 21.8/2



Right In: -17.649+/-2.843 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.616+/-1.200 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

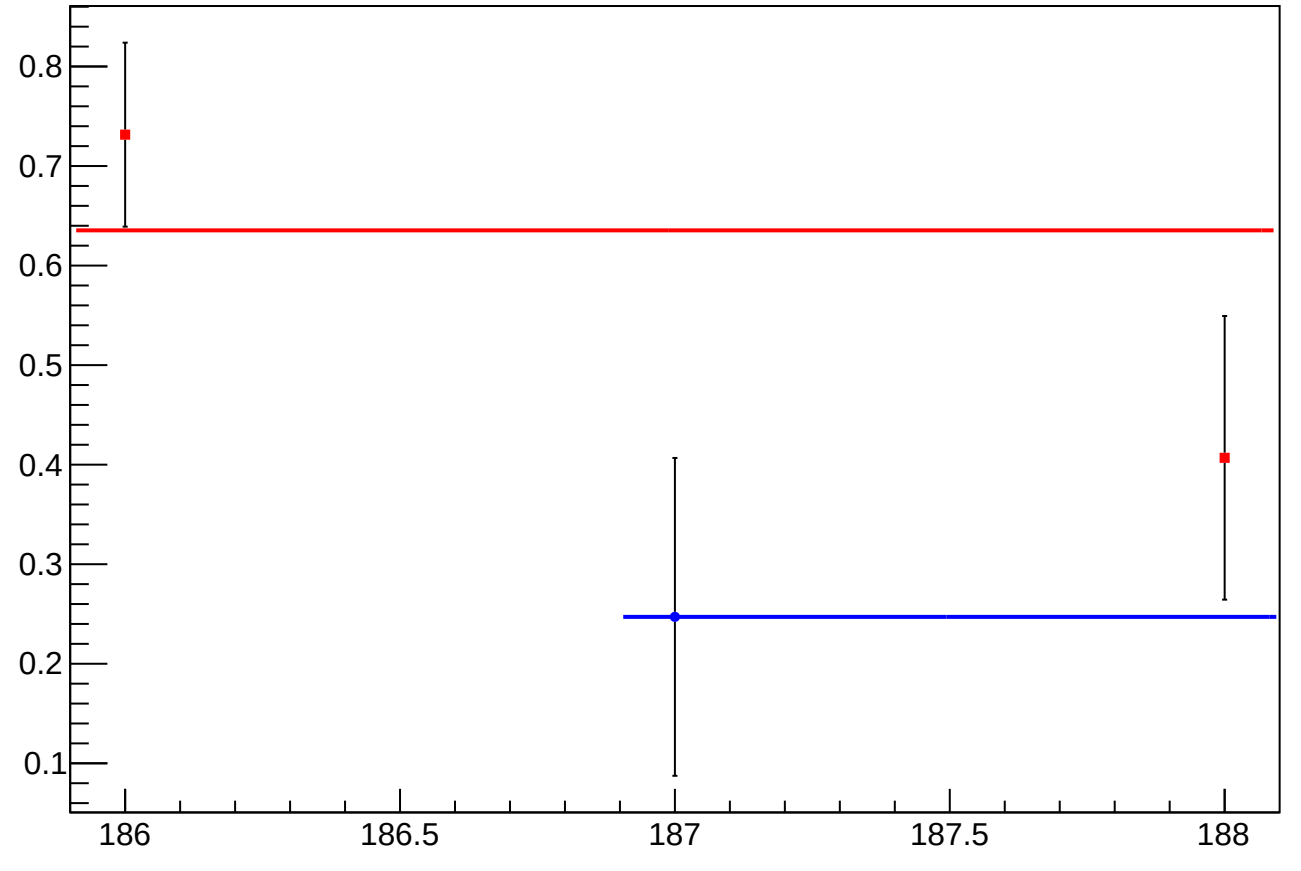
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -11.679+/-1.105 χ^2/NDF: 5.2/2

In: -17.649+/-2.843 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.679+/-1.105 χ^2/NDF: 5.2/2



Right In: 0.247+/-0.160 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.635+/-0.078 χ^2/NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

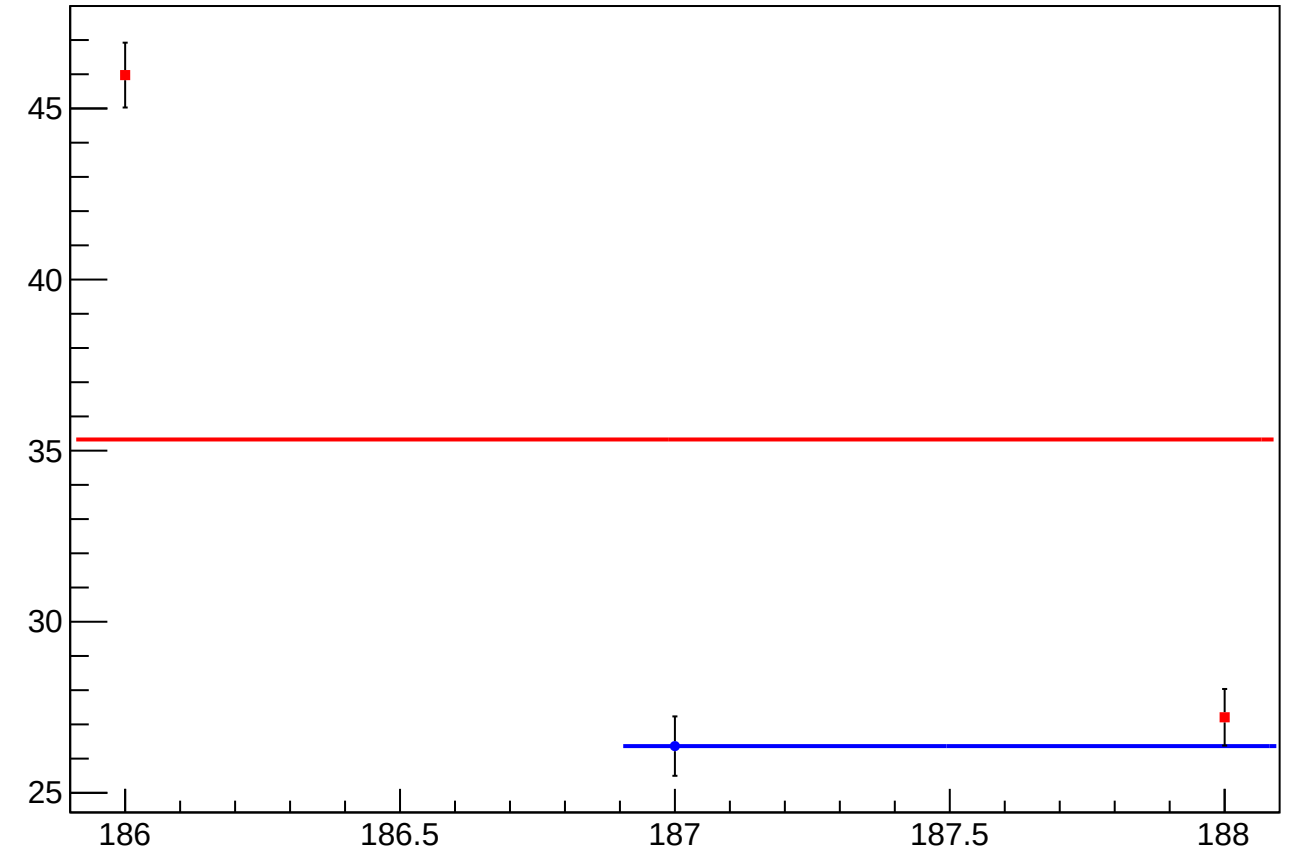
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.561+/-0.070 χ^2/NDF: 8.4/2

In: 0.247+/-0.160 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.561+/-0.070 χ^2/NDF: 8.4/2



Right In: 26.366+/-0.868 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 35.327+/-0.623 χ^2/NDF: 222.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

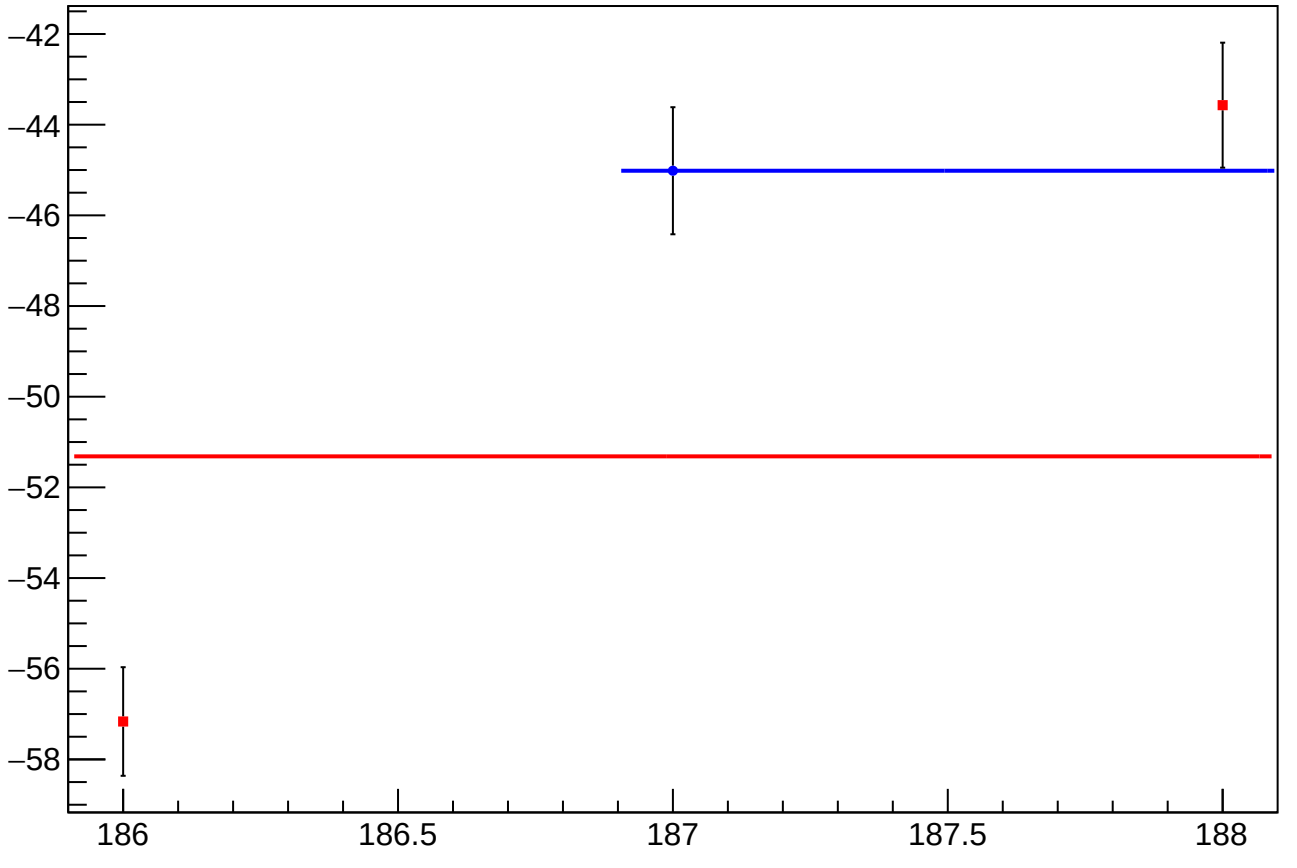
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 32.279+/-0.506 χ^2/NDF: 293.0/2

In: 26.366+/-0.868 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 32.279+/-0.506 χ^2/NDF: 293.0/2



Right In: -45.016+/-1.401 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -51.316+/-0.904 χ^2/NDF: 55.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

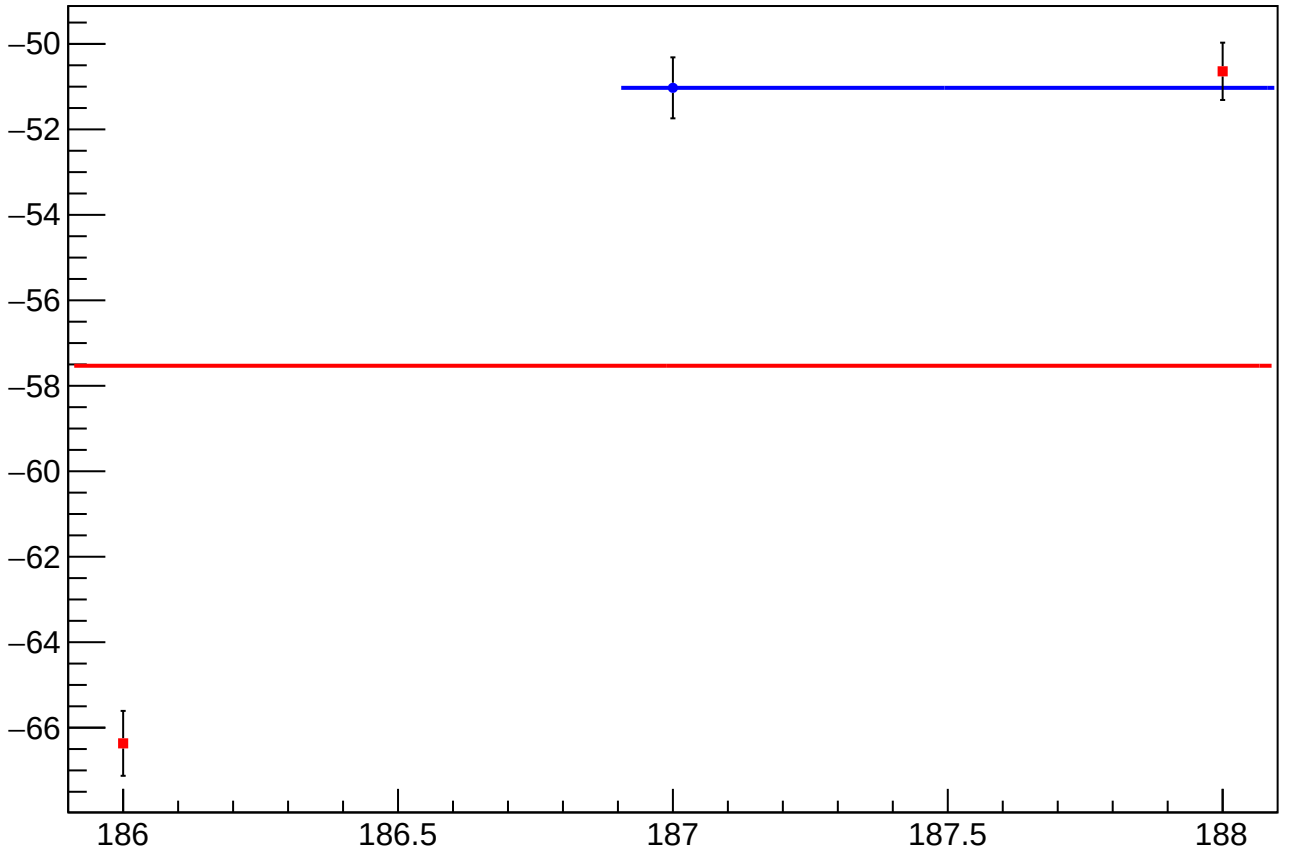
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -49.464+/-0.760 χ^2/NDF: 69.7/2

In: -45.016+/-1.401 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -49.464+/-0.760 χ^2/NDF: 69.7/2



Right In: -51.028+/-0.713 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -57.531+/-0.503 χ^2/NDF: 241.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

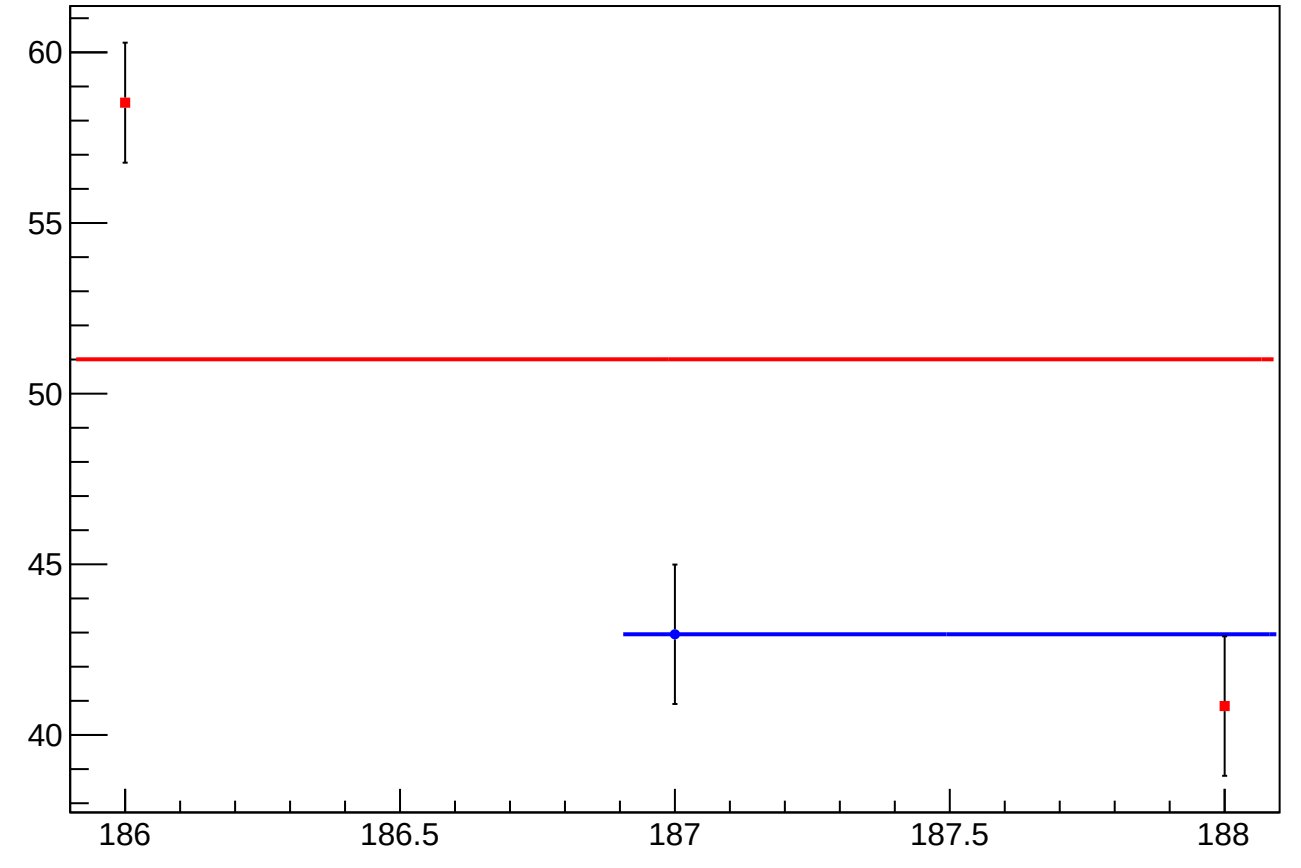
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -55.374+/-0.411 χ^2/NDF: 296.6/2

In: -51.028+/-0.713 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -55.374+/-0.411 χ^2/NDF: 296.6/2



Right In: 42.950+/-2.042 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 51.007+/-1.333 χ^2/NDF: 43.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

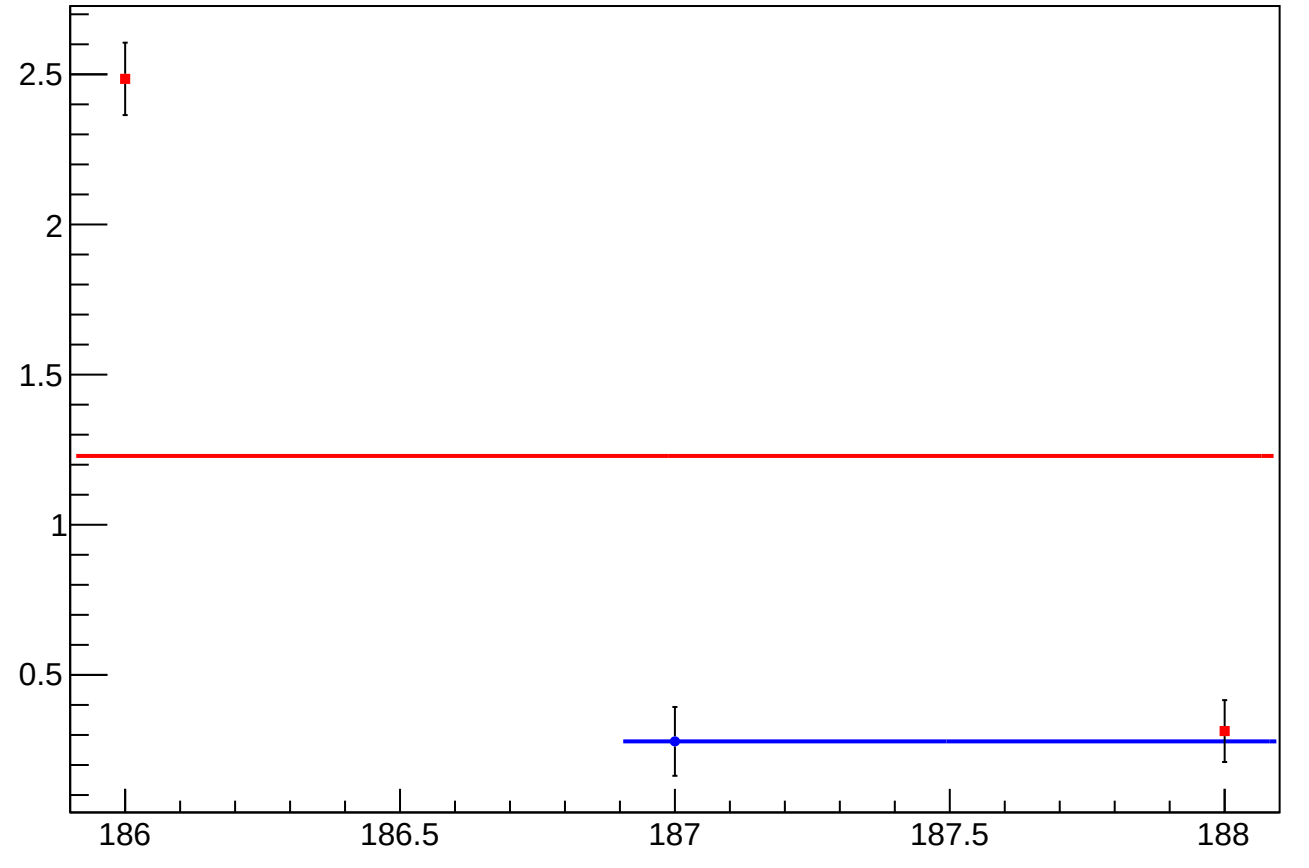
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 48.601+/-1.116 χ^2/NDF: 53.9/2

In: 42.950+/-2.042 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 48.601+/-1.116 χ^2/NDF: 53.9/2



Right In: 0.279+/-0.115 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.229+/-0.078 χ^2/NDF: 187.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

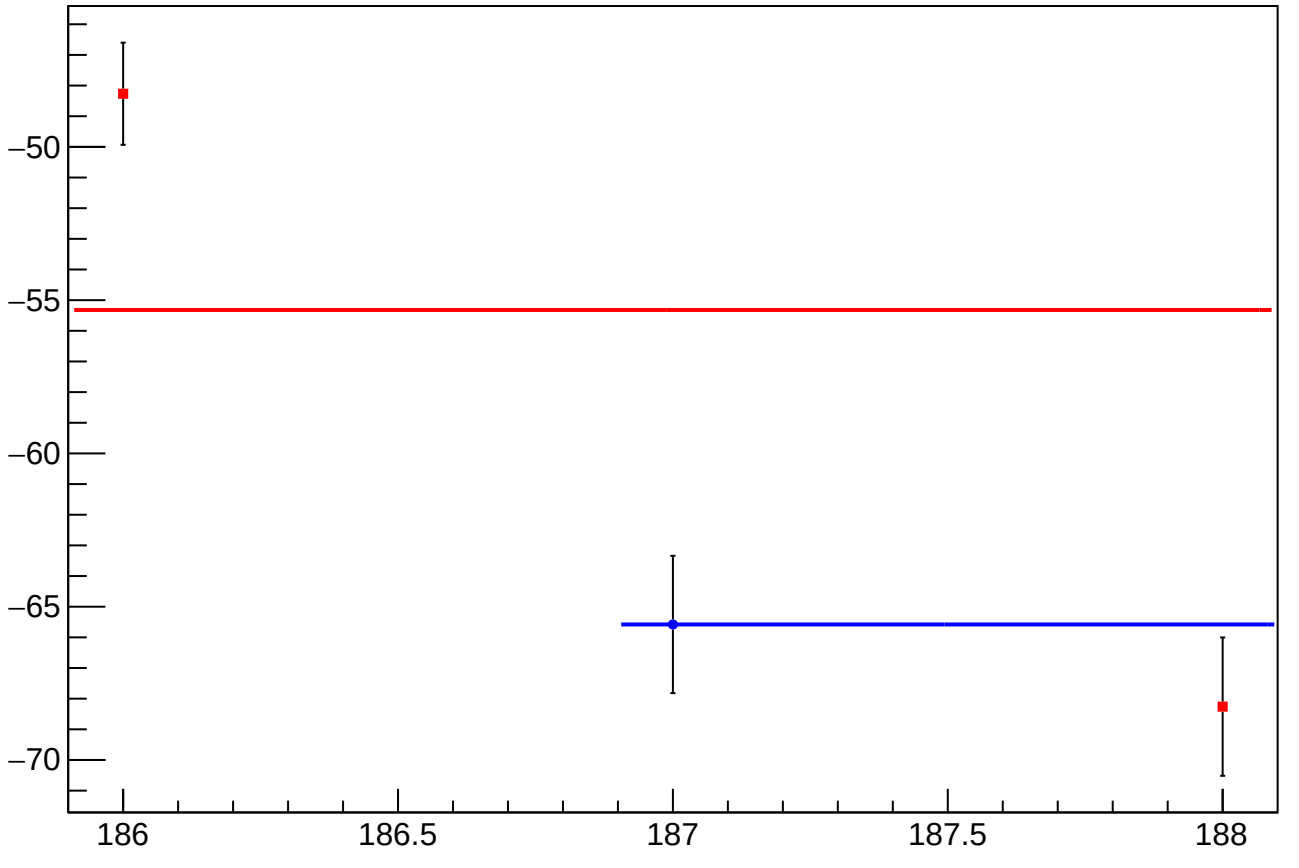
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.927+/-0.065 χ^2/NDF: 234.5/2

In: 0.279+/-0.115 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.927+/-0.065 χ^2/NDF: 234.5/2



Right In: -65.579+/-2.239 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -55.320+/-1.340 χ^2/NDF: 50.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

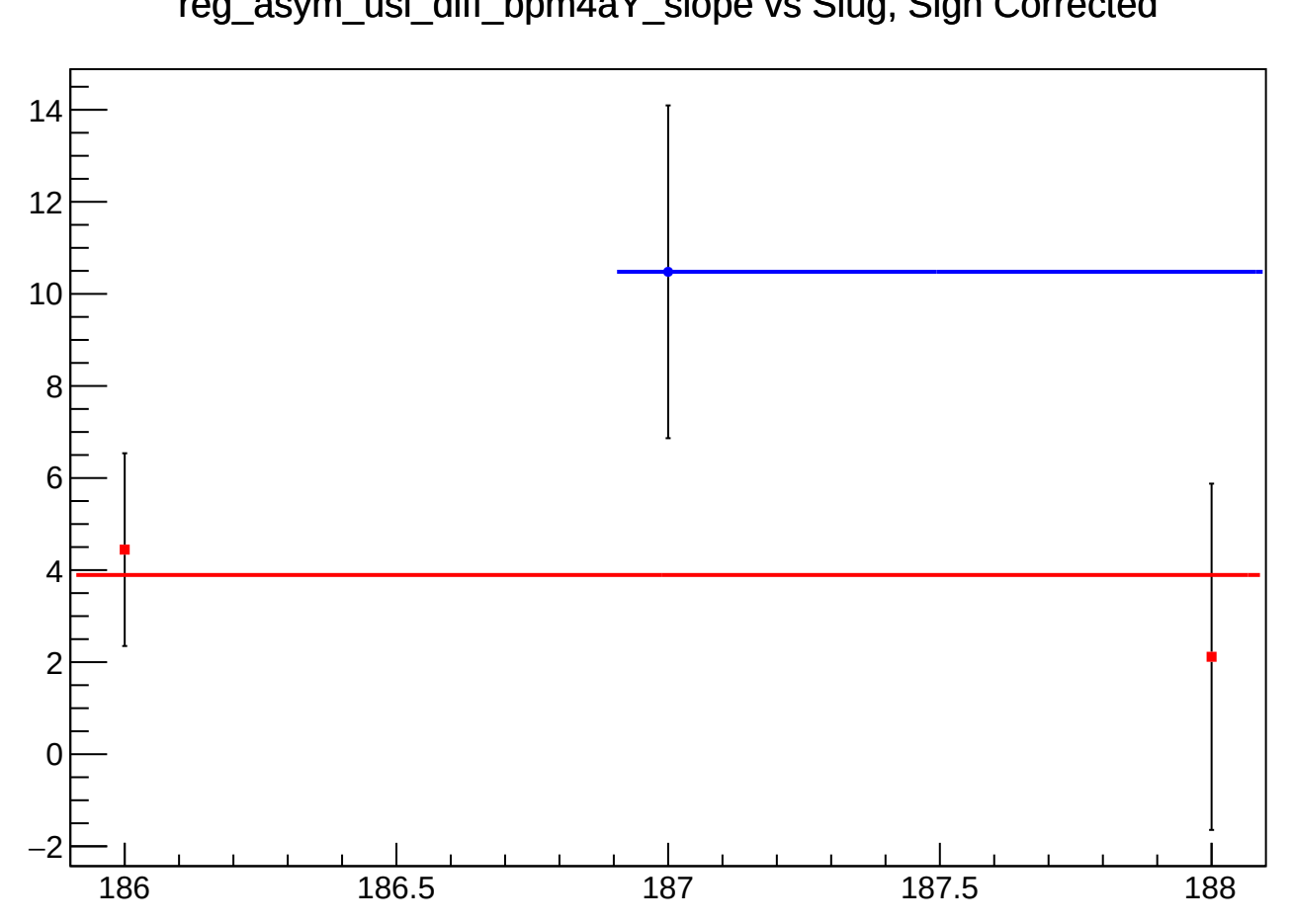
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

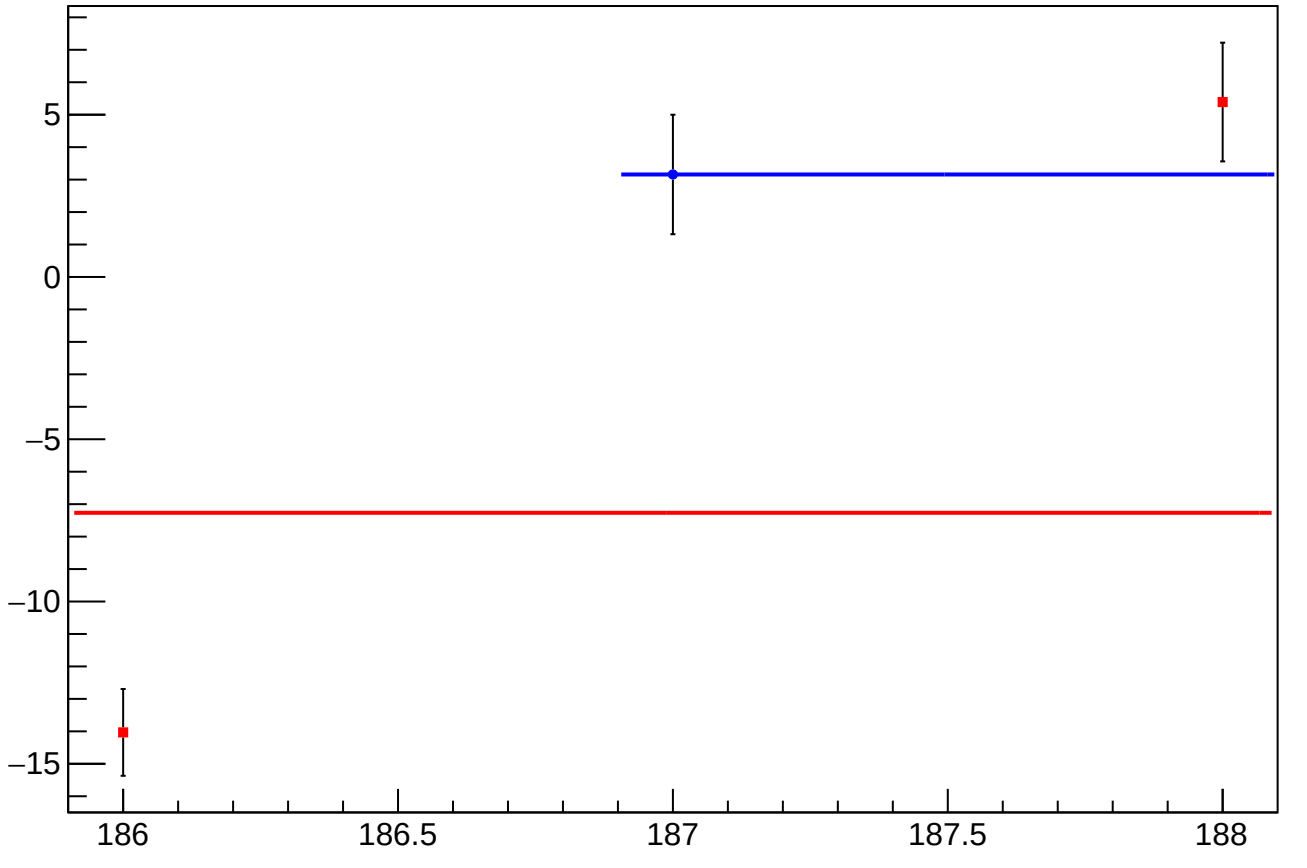
Right: -58.026+/-1.150 χ^2/NDF: 66.3/2

In: -65.579+/-2.239 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -58.026+/-1.150 χ^2/NDF: 66.3/2


reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected
14
12
10
8
6
4
2
0
−2
186
186.5
187
187.5
188
Right In: 10.480+/-3.615 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 3.894+/-1.829 χ²/NDF: 0.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 5.237+/-1.632 χ²/NDF: 2.9/2
In: 10.480+/-3.615 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 5.237+/-1.632 χ²/NDF: 2.9/2



Right In: 3.158+/-1.841 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.266+/-1.080 χ^2/NDF: 73.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

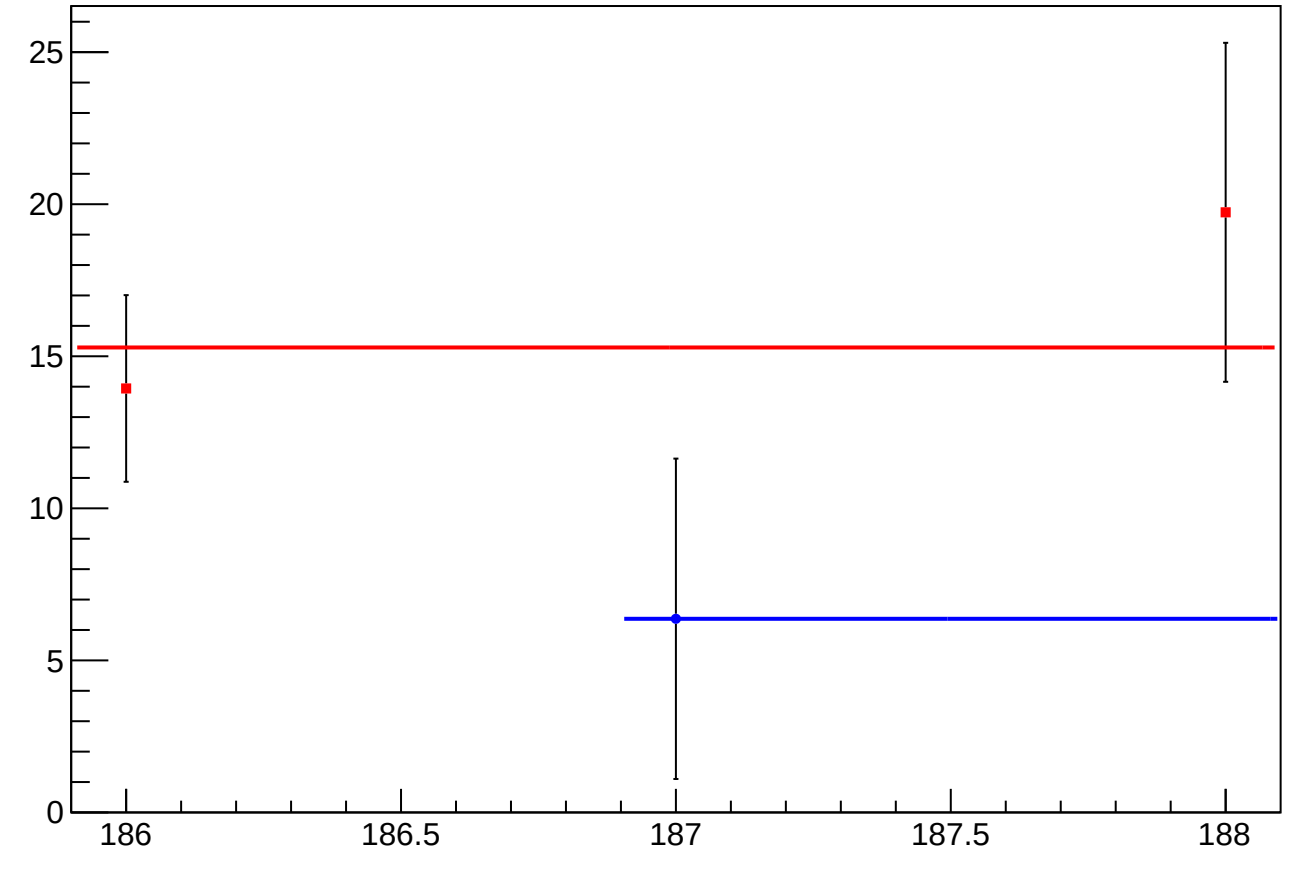
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.598+/-0.931 χ^2/NDF: 97.3/2

In: 3.158+/-1.841 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.598+/-0.931 χ^2/NDF: 97.3/2



Right In: 6.368+/-5.267 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.289+/-2.688 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

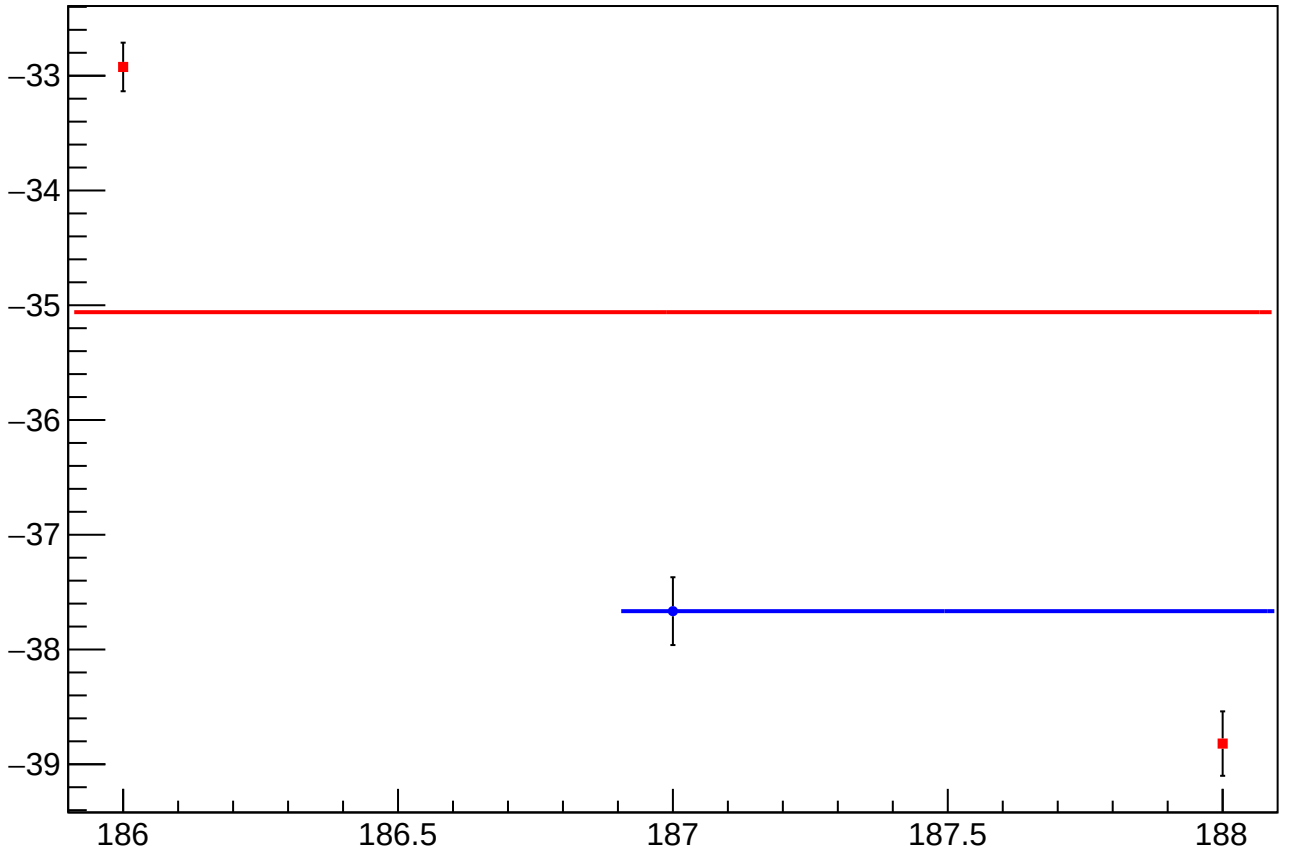
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 13.446+/-2.394 χ^2/NDF: 3.1/2

In: 6.368+/-5.267 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.446+/-2.394 χ^2/NDF: 3.1/2



Right In: -37.666+/-0.295 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -35.060+/-0.169 χ^2/NDF: 281.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

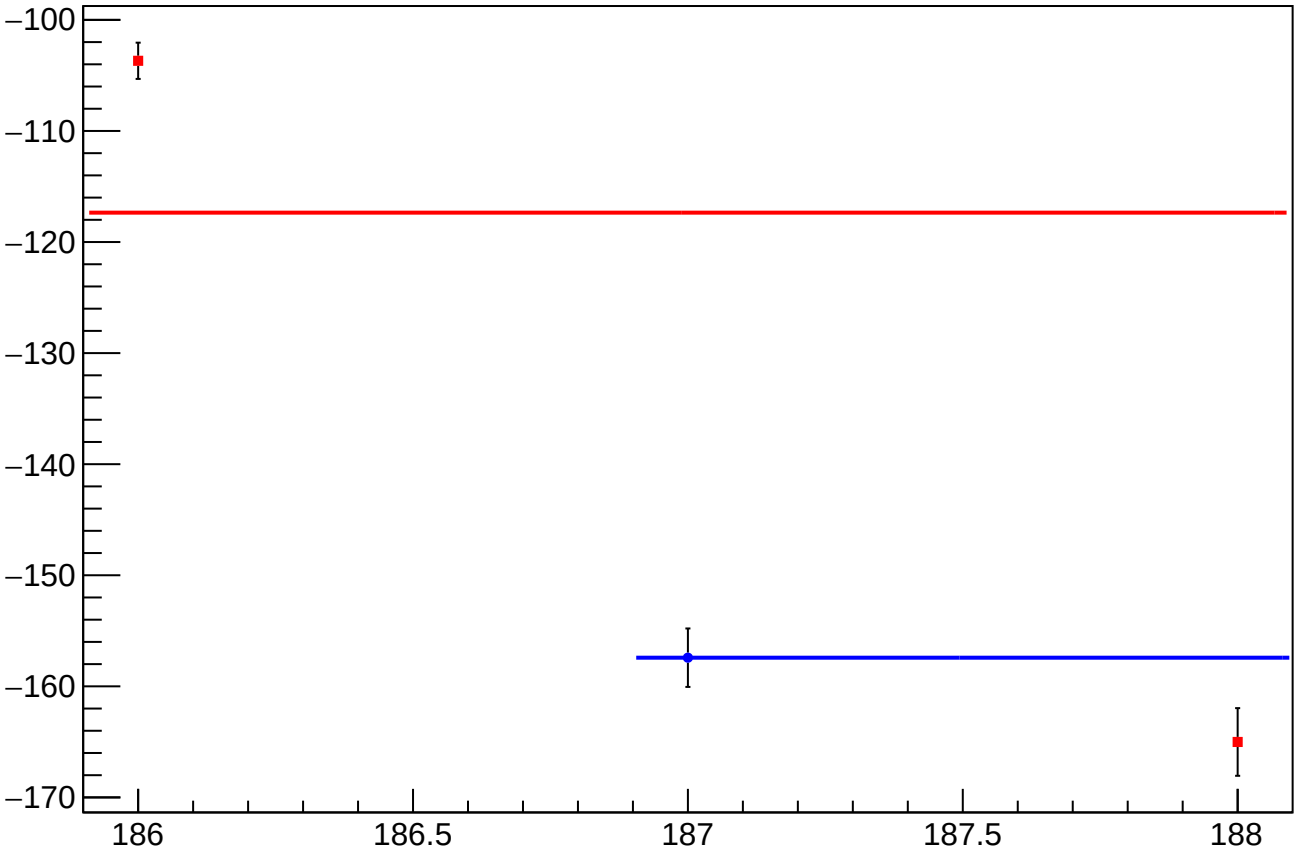
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -35.703+/-0.147 χ^2/NDF: 339.8/2

In: -37.666+/-0.295 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -35.703+/-0.147 χ^2/NDF: 339.8/2



Right In: -157.422+/-2.632 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -117.354+/-1.438 χ^2/NDF: 314.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

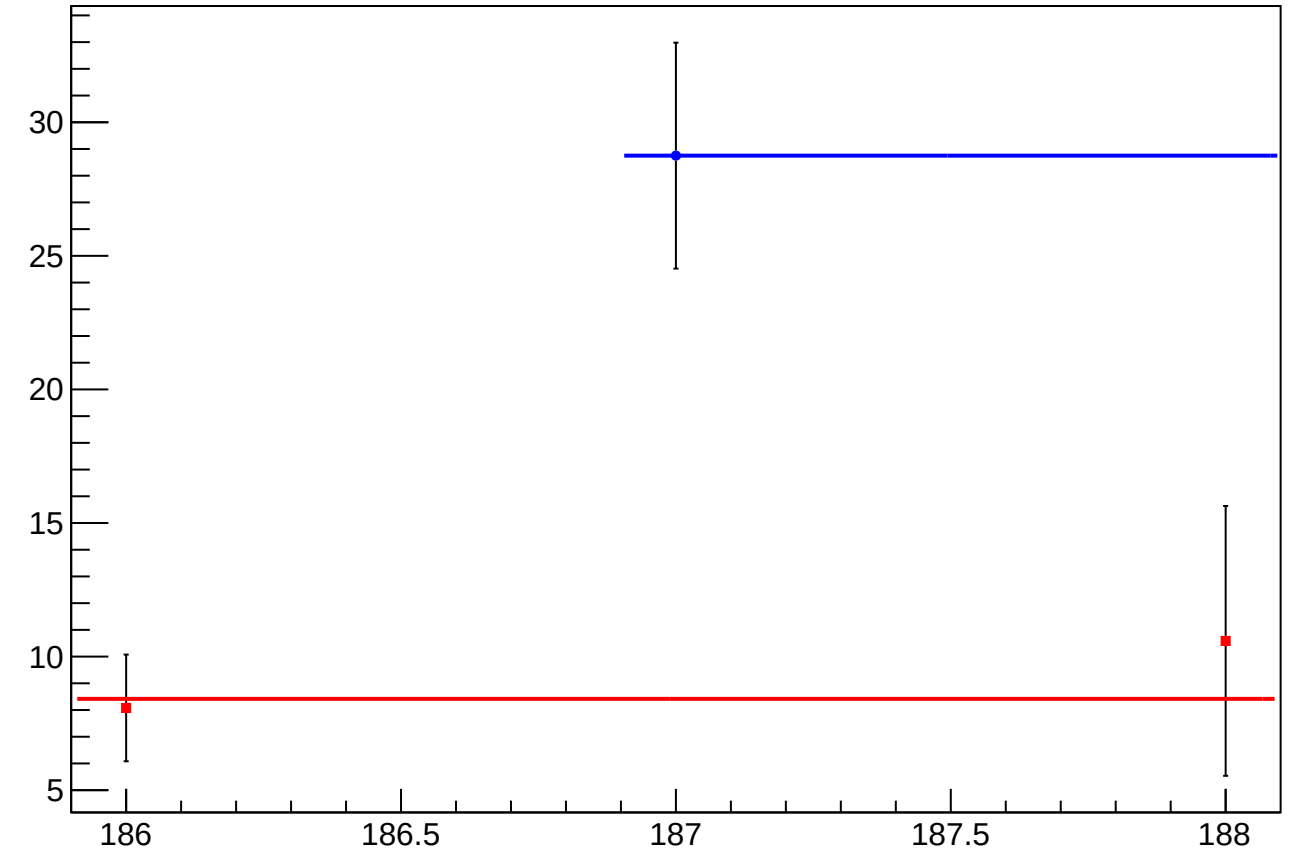
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -126.569+/-1.262 χ^2/NDF: 493.4/2

In: -157.422+/-2.632 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -126.569+/-1.262 χ^2/NDF: 493.4/2



Right In: 28.751+/-4.229 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.418+/-1.857 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

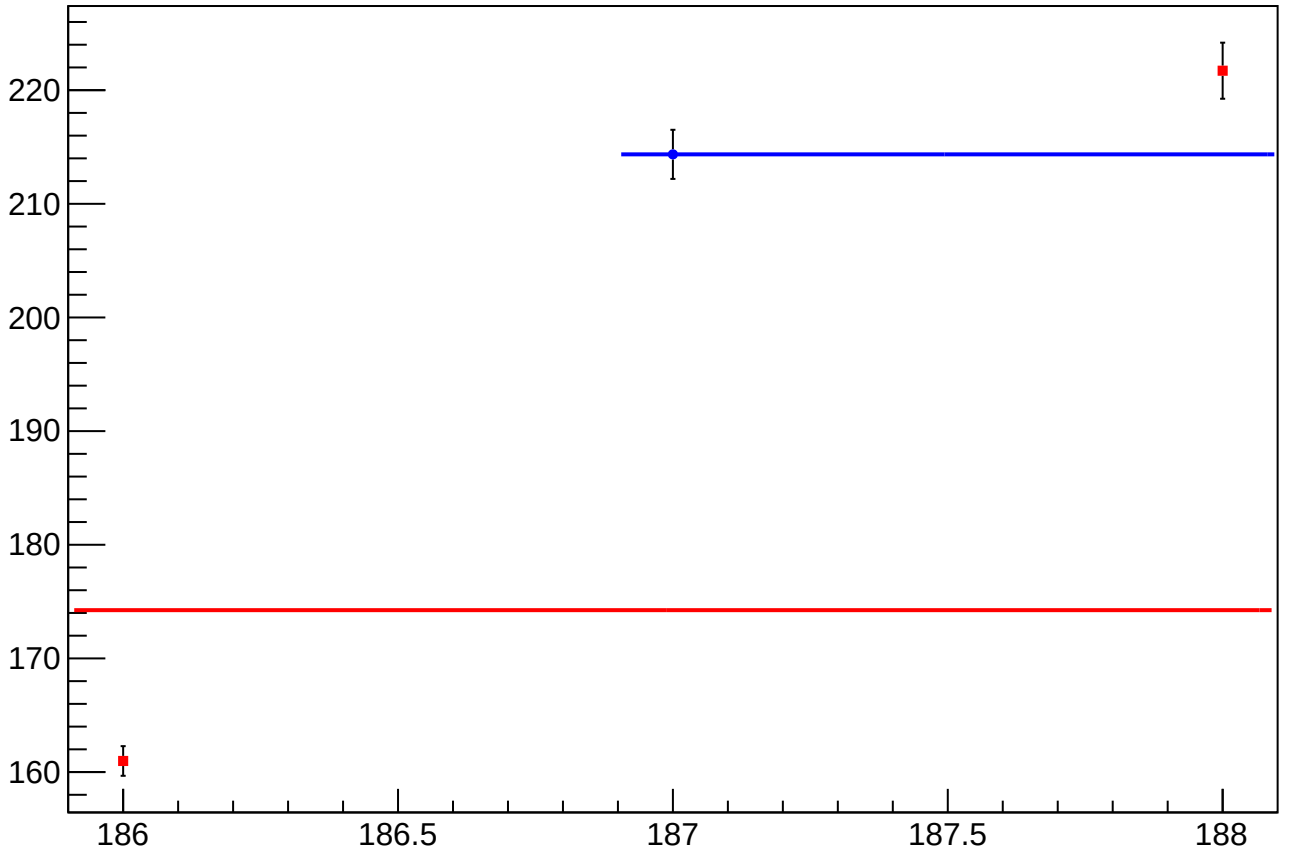
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.707+/-1.701 χ^2/NDF: 19.6/2

In: 28.751+/-4.229 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.707+/-1.701 χ^2/NDF: 19.6/2



Right In: 214.353+/-2.161 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 174.246+/-1.153 χ^2/NDF: 473.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

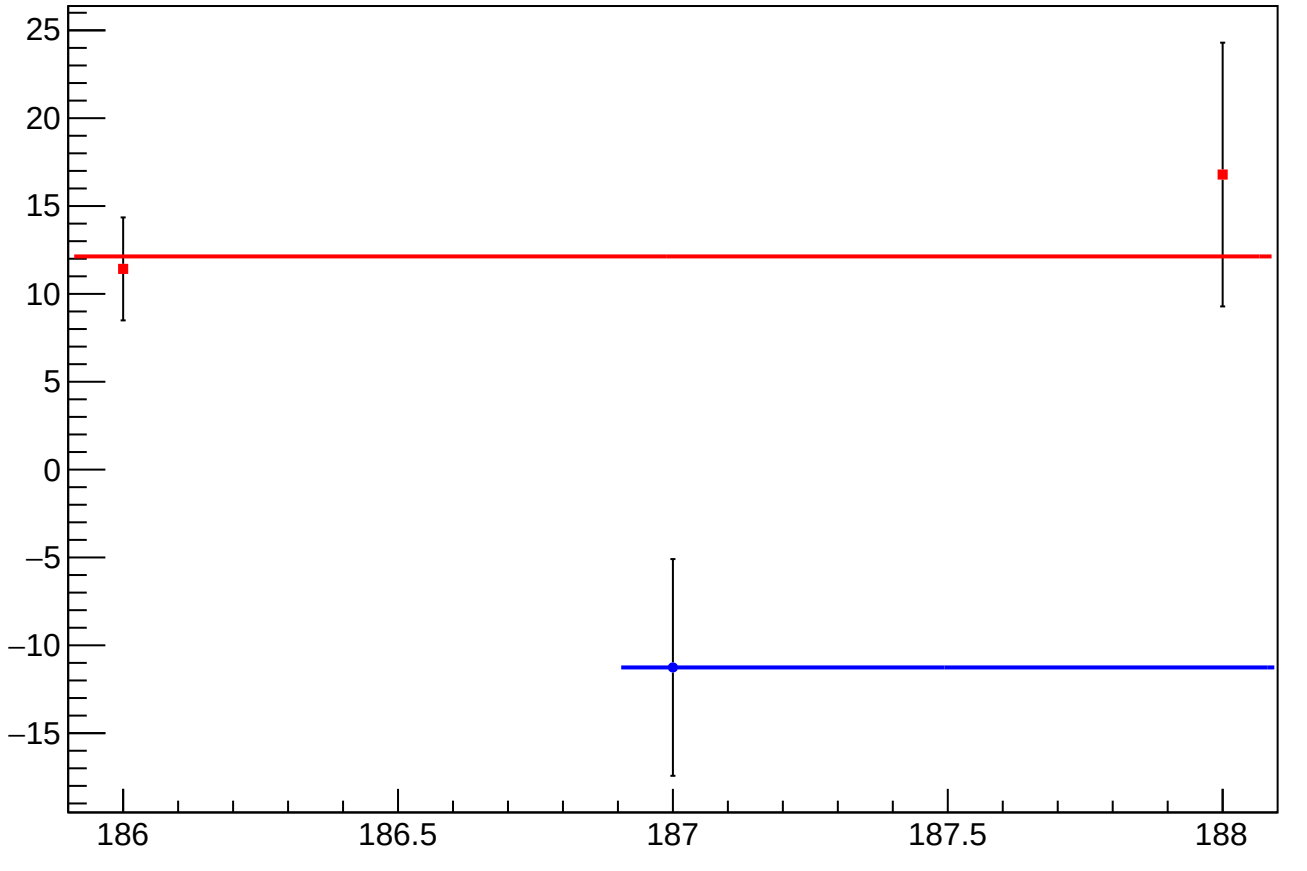
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 183.137+/-1.017 χ^2/NDF: 741.6/2

In: 214.353+/-2.161 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 183.137+/-1.017 χ^2/NDF: 741.6/2



Right In: -11.259+/-6.167 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.133+/-2.729 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

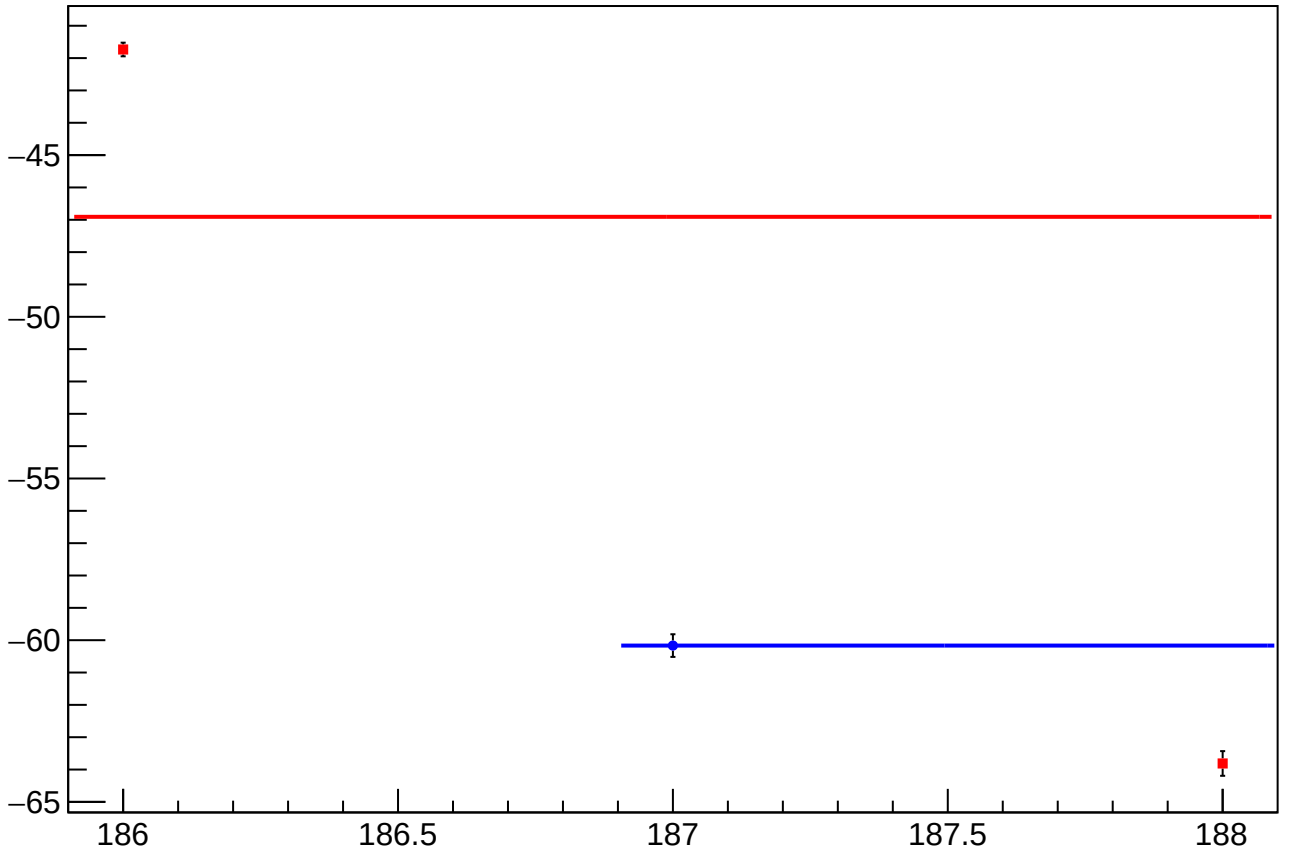
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.301+/-2.496 χ^2/NDF: 12.5/2

In: -11.259+/-6.167 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.301+/-2.496 χ^2/NDF: 12.5/2



Right In: -60.167+/-0.350 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -46.908+/-0.185 χ^2/NDF: 2565.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

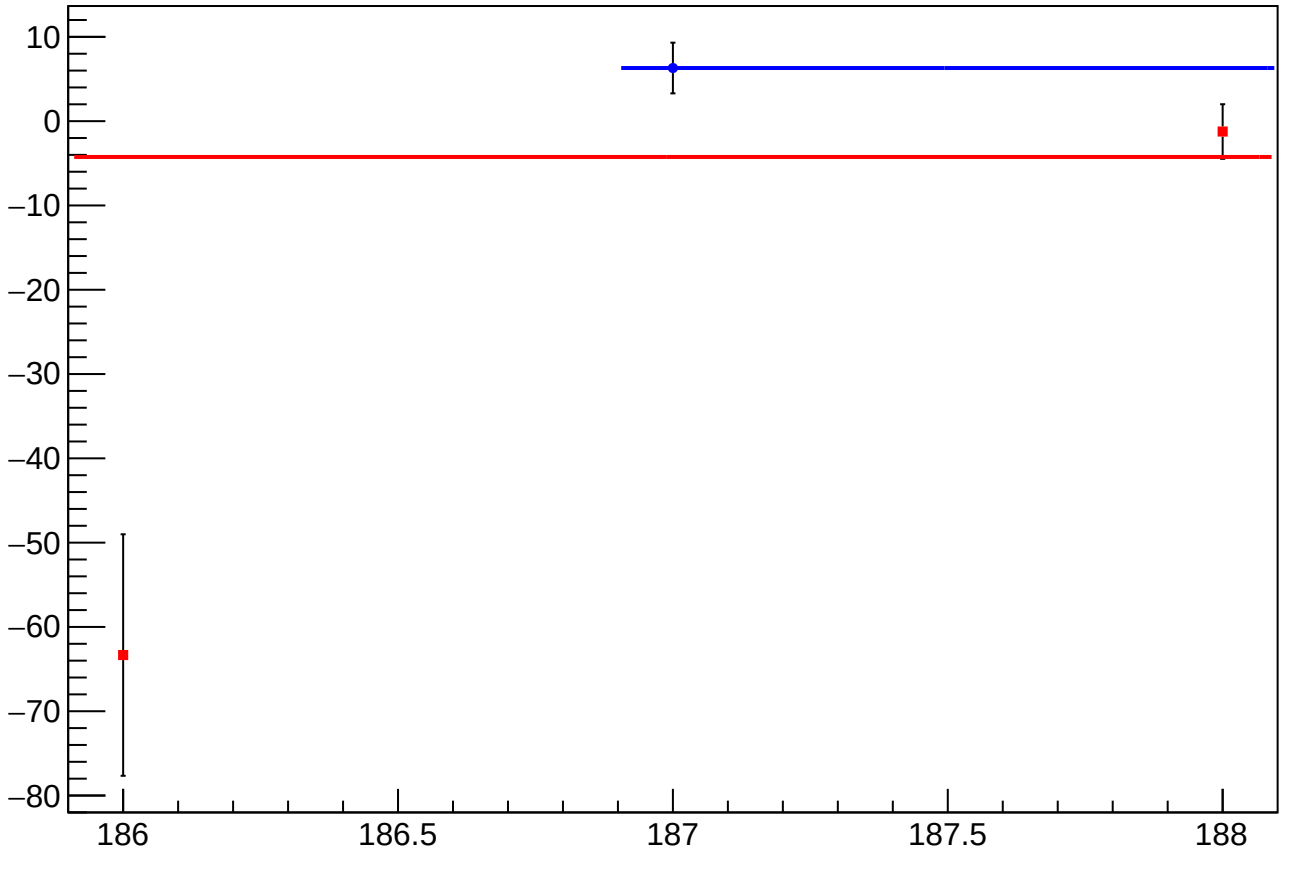
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -49.792+/-0.163 χ^2/NDF: 3687.0/2

In: -60.167+/-0.350 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -49.792+/-0.163 χ^2/NDF: 3687.0/2



Right In: 6.304+/-3.007 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.248+/-3.158 χ^2/NDF: 17.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

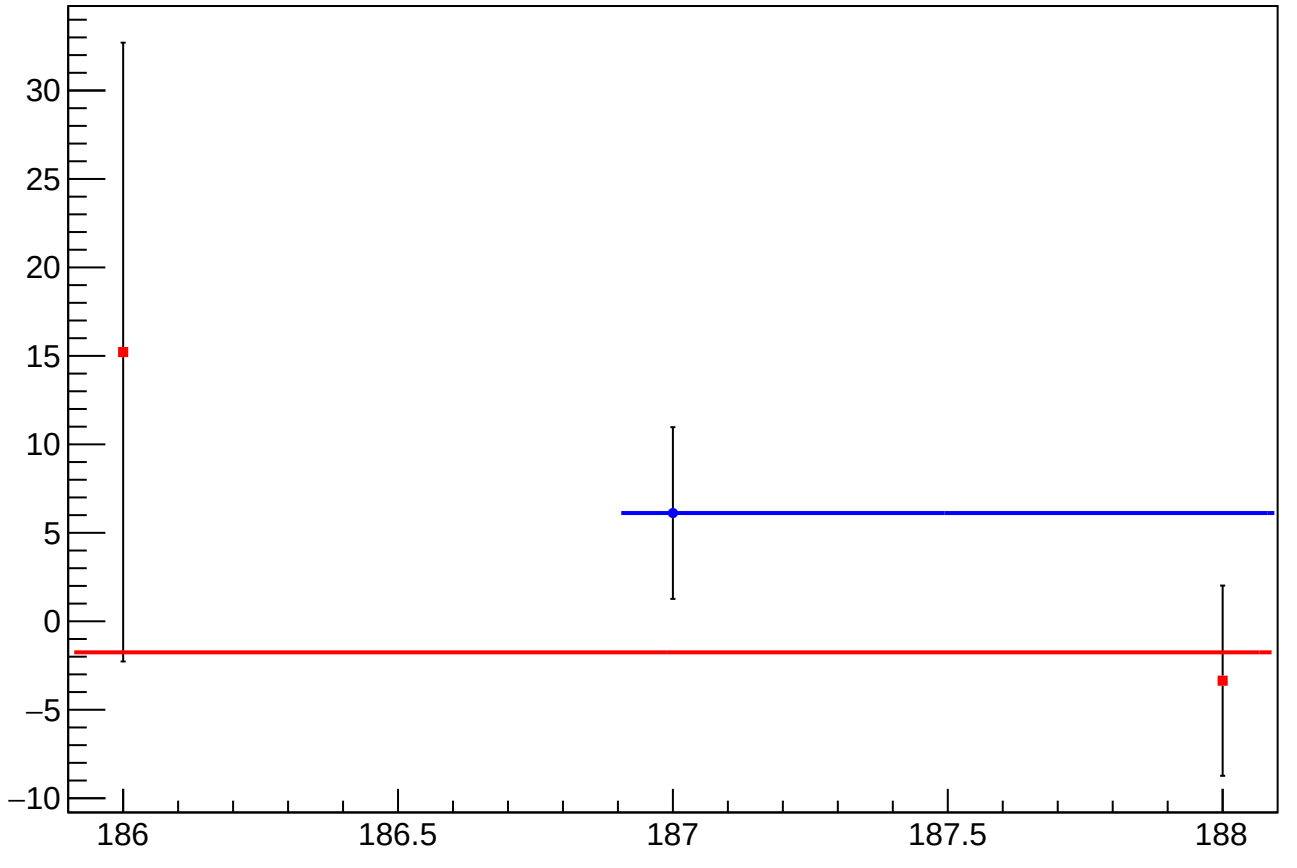
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.286+/-2.178 χ^2/NDF: 23.7/2

In: 6.304+/-3.007 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.286+/-2.178 χ^2/NDF: 23.7/2



Right In: 6.119+/-4.853 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.754+/-5.138 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

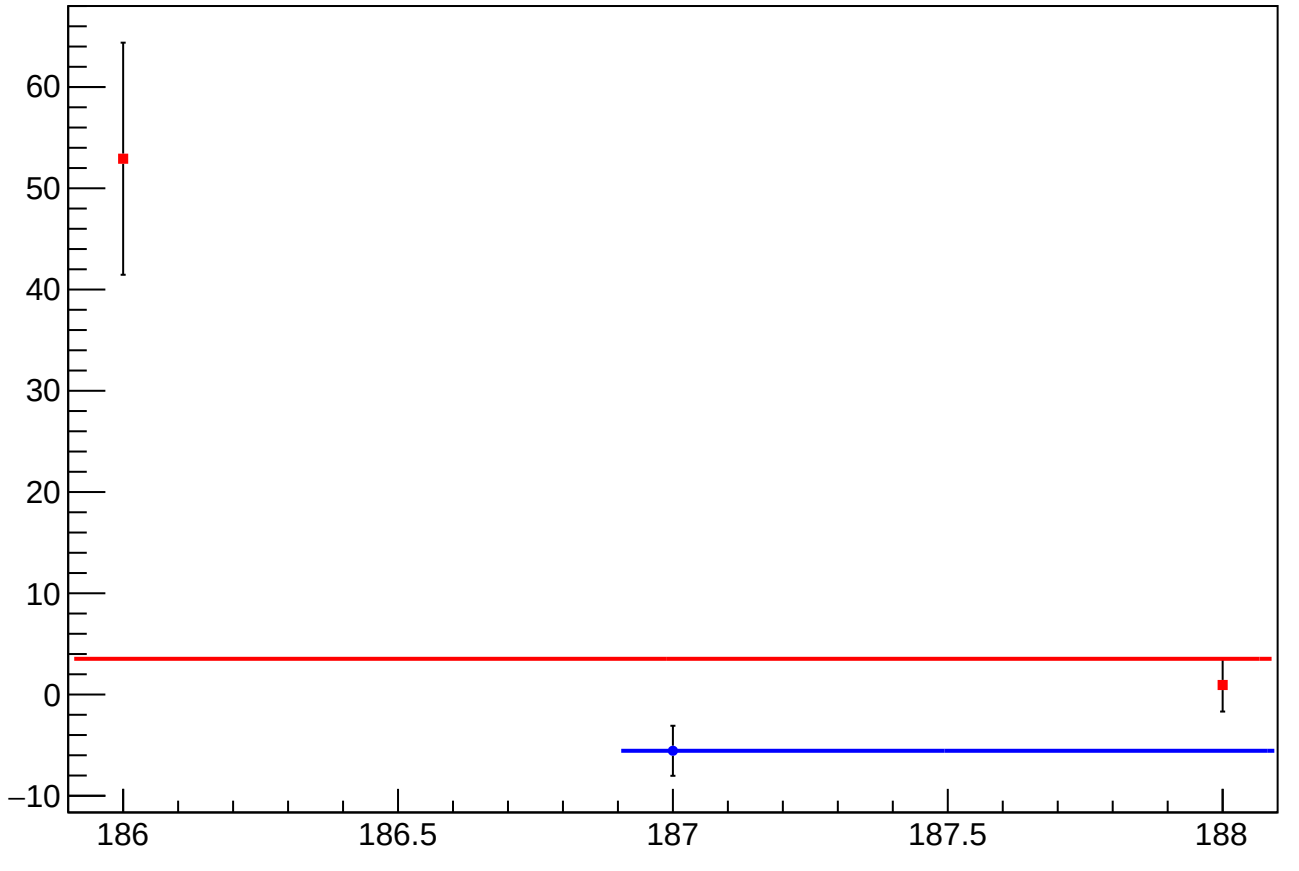
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.407+/-3.528 χ^2/NDF: 2.3/2

In: 6.119+/-4.853 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.407+/-3.528 χ^2/NDF: 2.3/2



Right In: -5.556+/-2.471 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.528+/-2.557 χ^2/NDF: 19.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

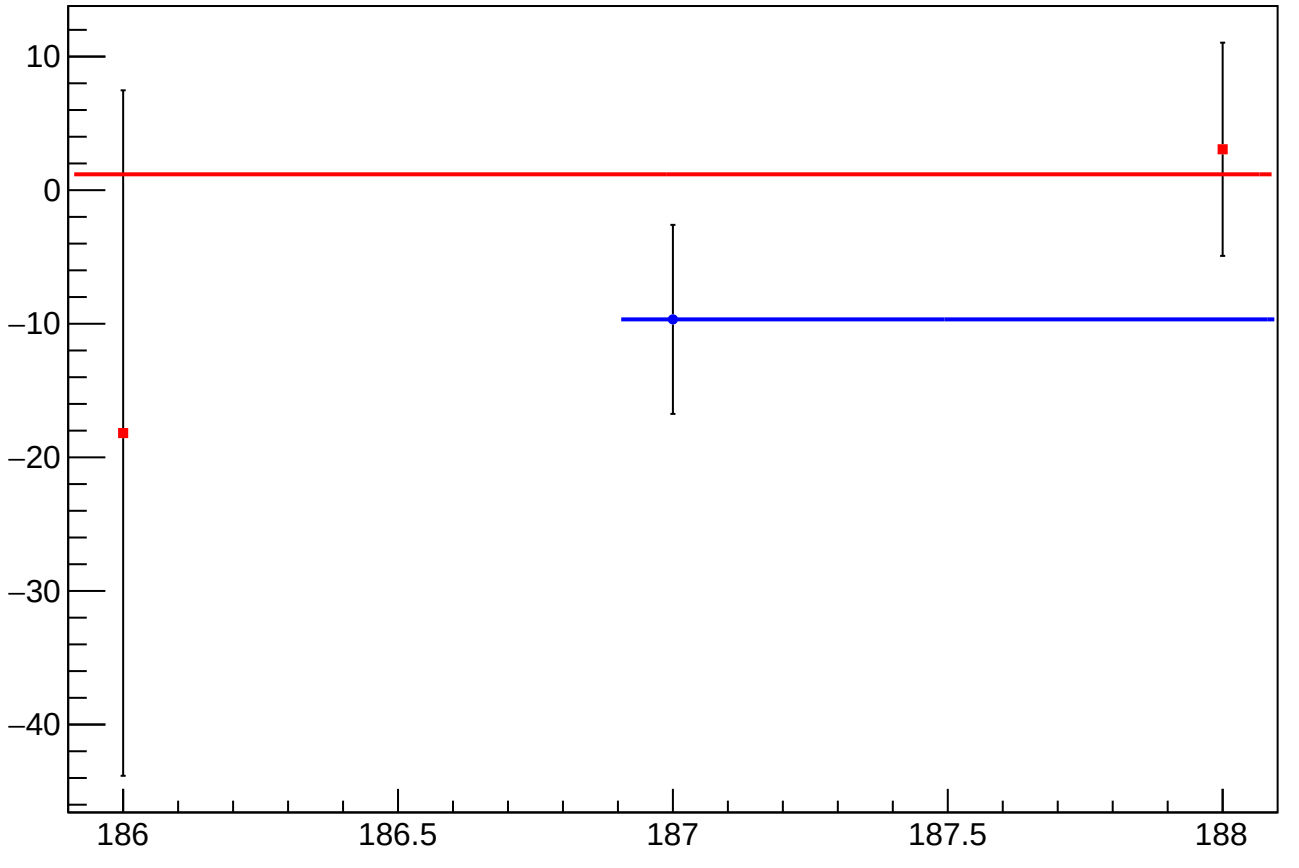
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.170+/-1.777 χ^2/NDF: 26.1/2

In: -5.556+/-2.471 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.170+/-1.777 χ^2/NDF: 26.1/2



Right In: -9.672+/-7.075 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.187+/-7.620 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

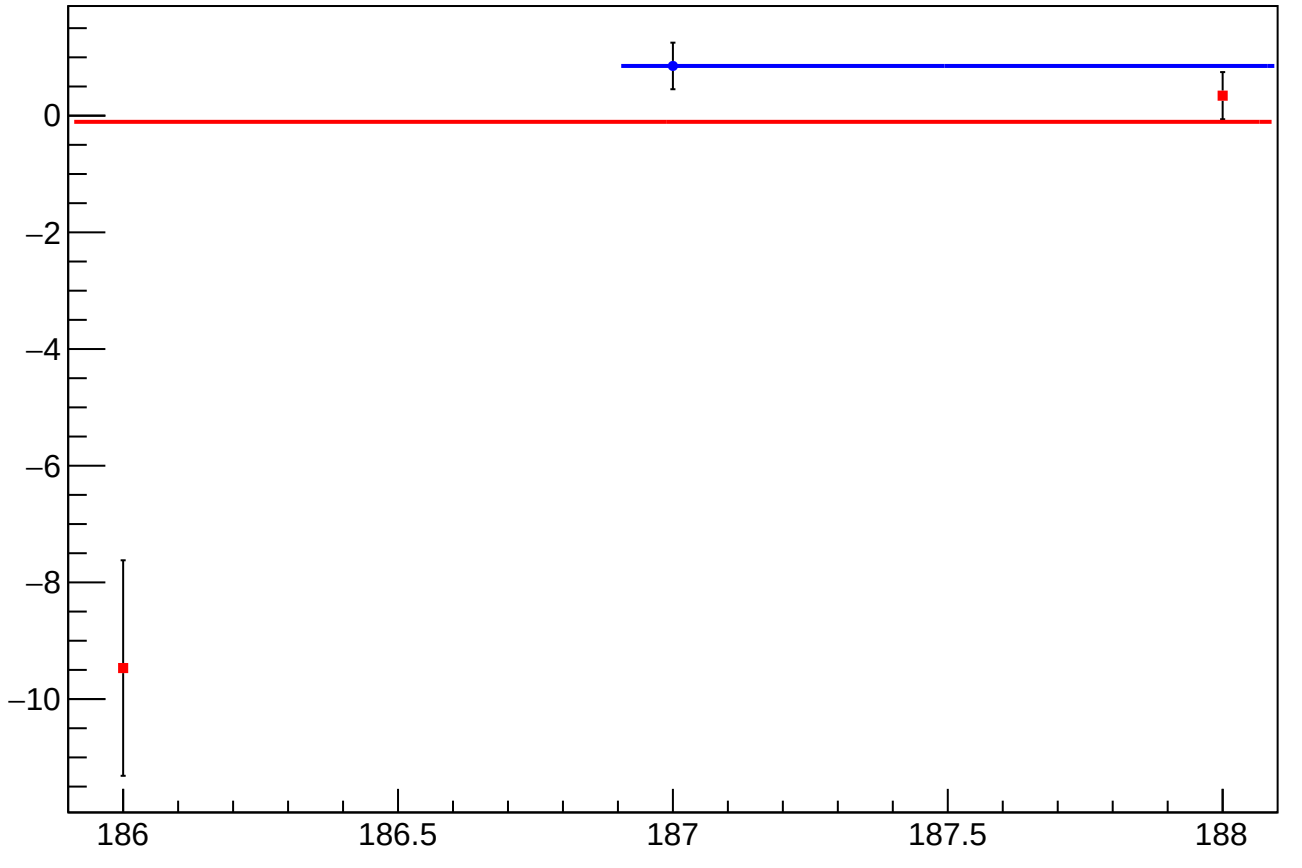
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.645+/-5.185 χ^2/NDF: 1.7/2

In: -9.672+/-7.075 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.645+/-5.185 χ^2/NDF: 1.7/2



Right In: 0.852+/-0.399 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.106+/-0.395 χ^2/NDF: 26.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

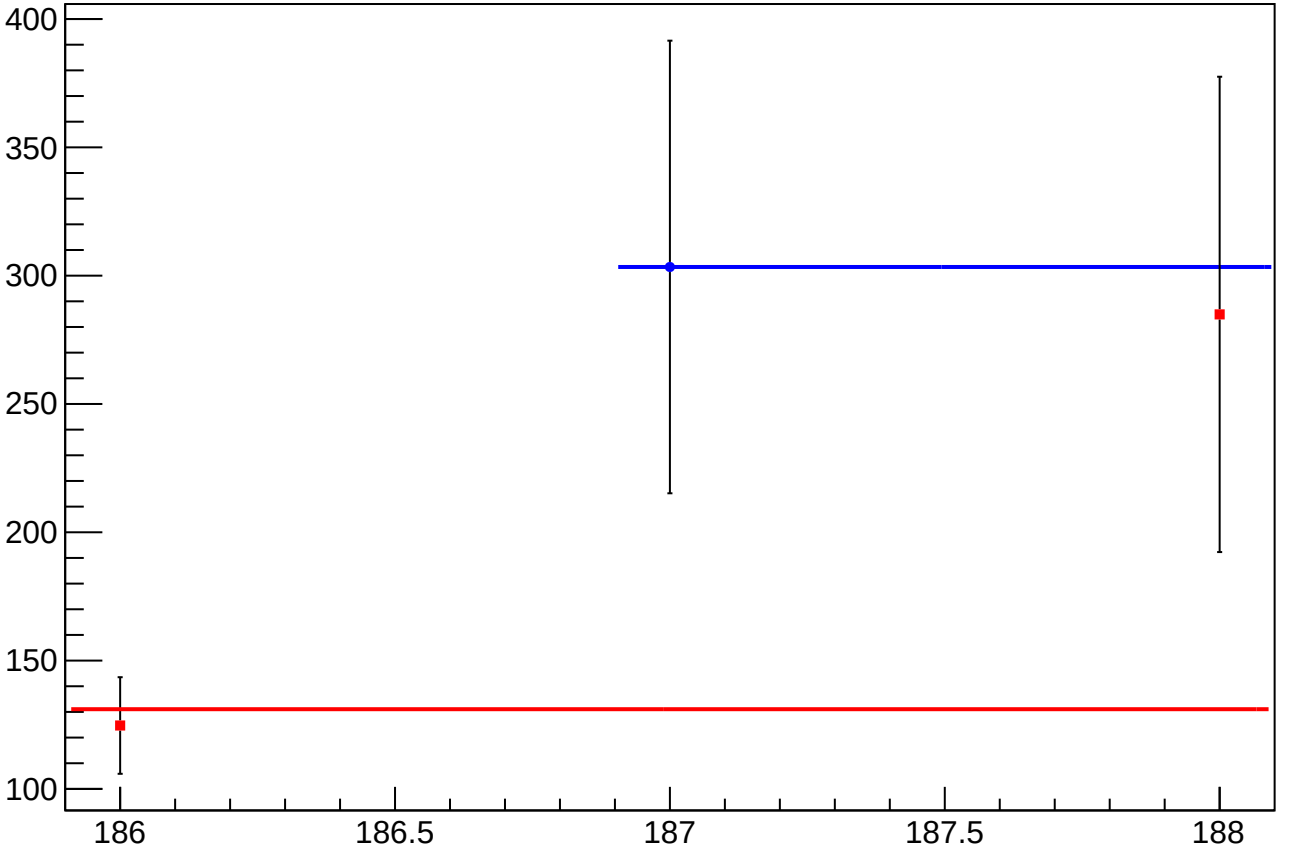
Right: 0.368+/-0.281 χ^2/NDF: 29.8/2

In: 0.852+/-0.399 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.368+/-0.281 χ^2/NDF: 29.8/2

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 303.382+/-88.188 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 131.060+/-18.444 χ^2/NDF: 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

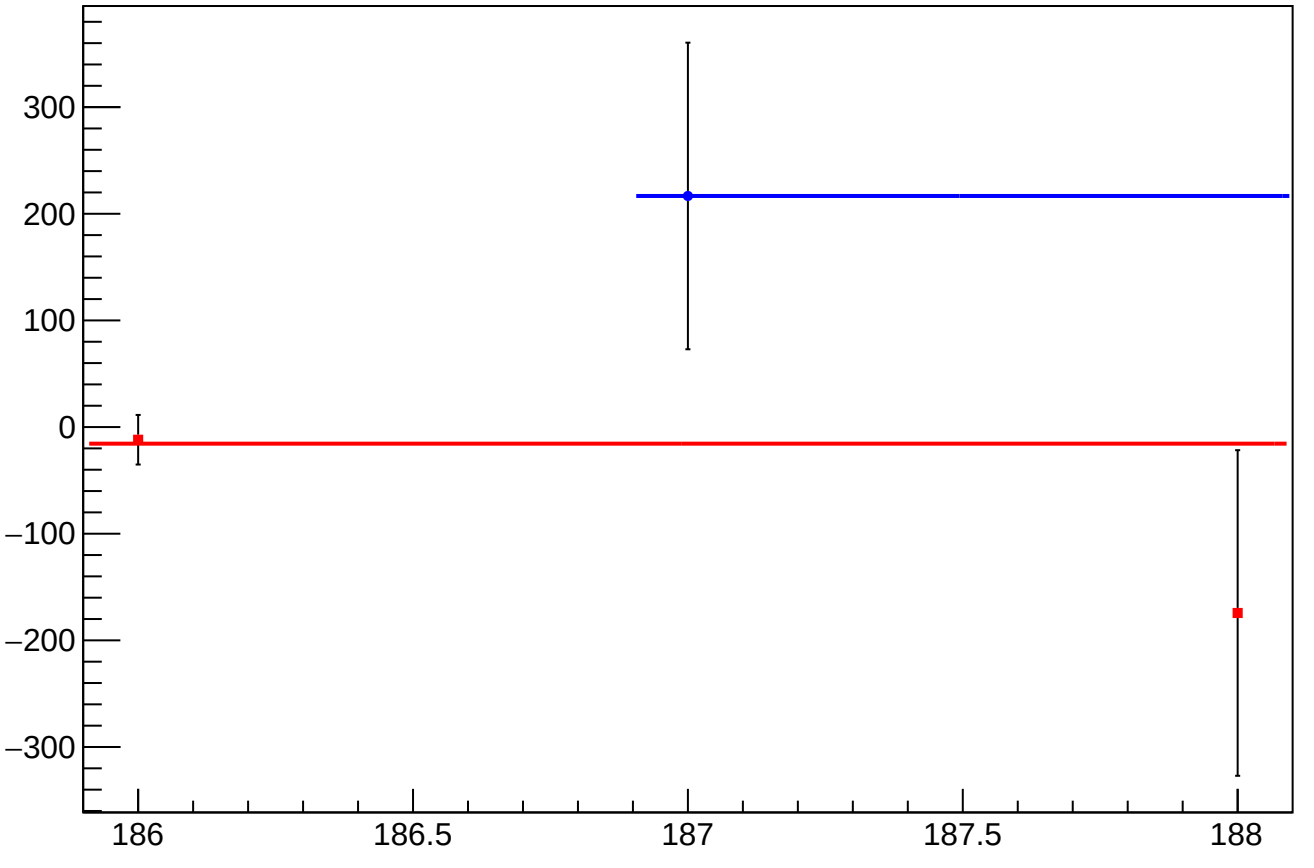
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 138.282+/-18.053 χ^2/NDF: 6.5/2

In: 303.382+/-88.188 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 138.282+/-18.053 χ^2/NDF: 6.5/2



Right In: 216.694+/-143.748 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.566+/-22.984 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

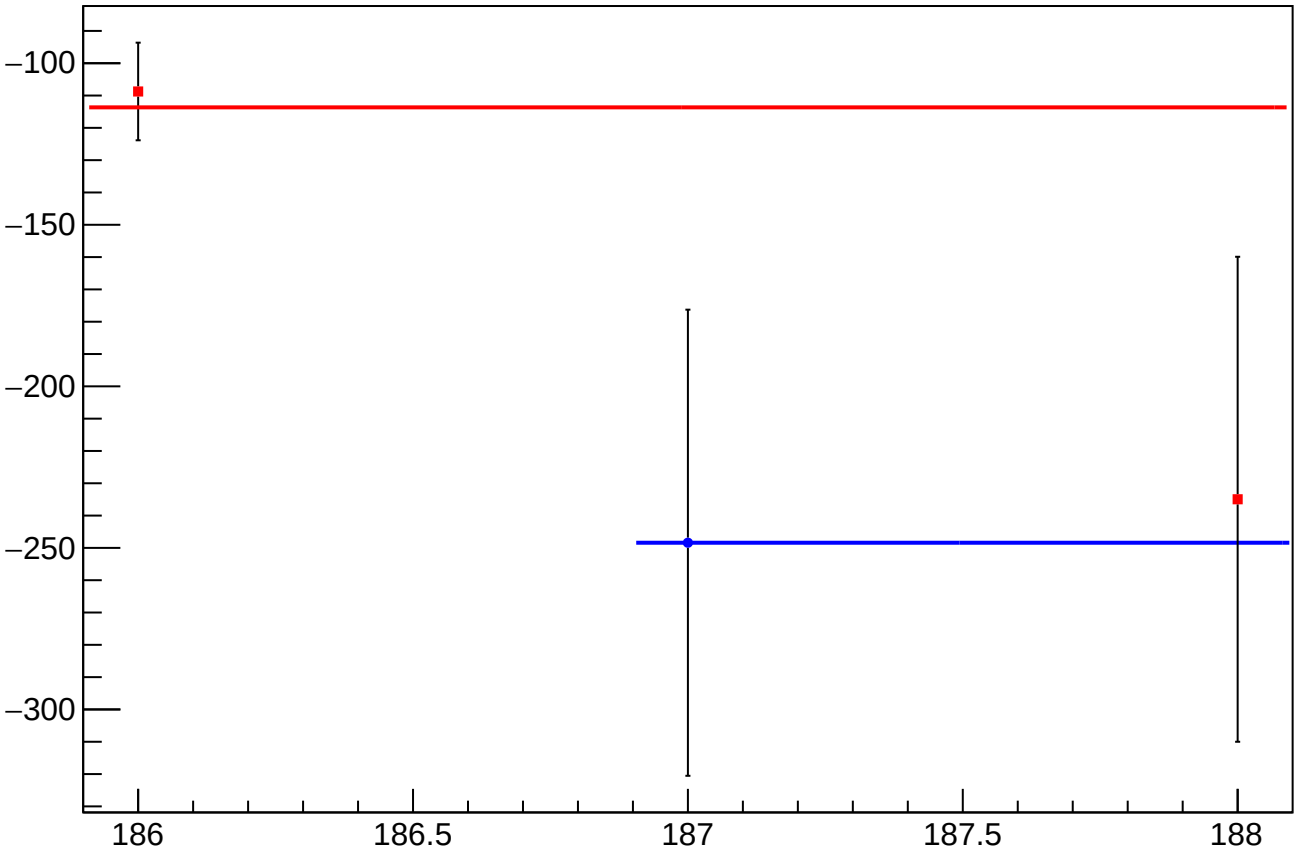
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -9.776+/-22.696 χ^2/NDF: 3.7/2

In: 216.694+/-143.748 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.776+/-22.696 χ^2/NDF: 3.7/2



Right In: -248.403+/-72.132 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -113.659+/-14.810 χ^2/NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

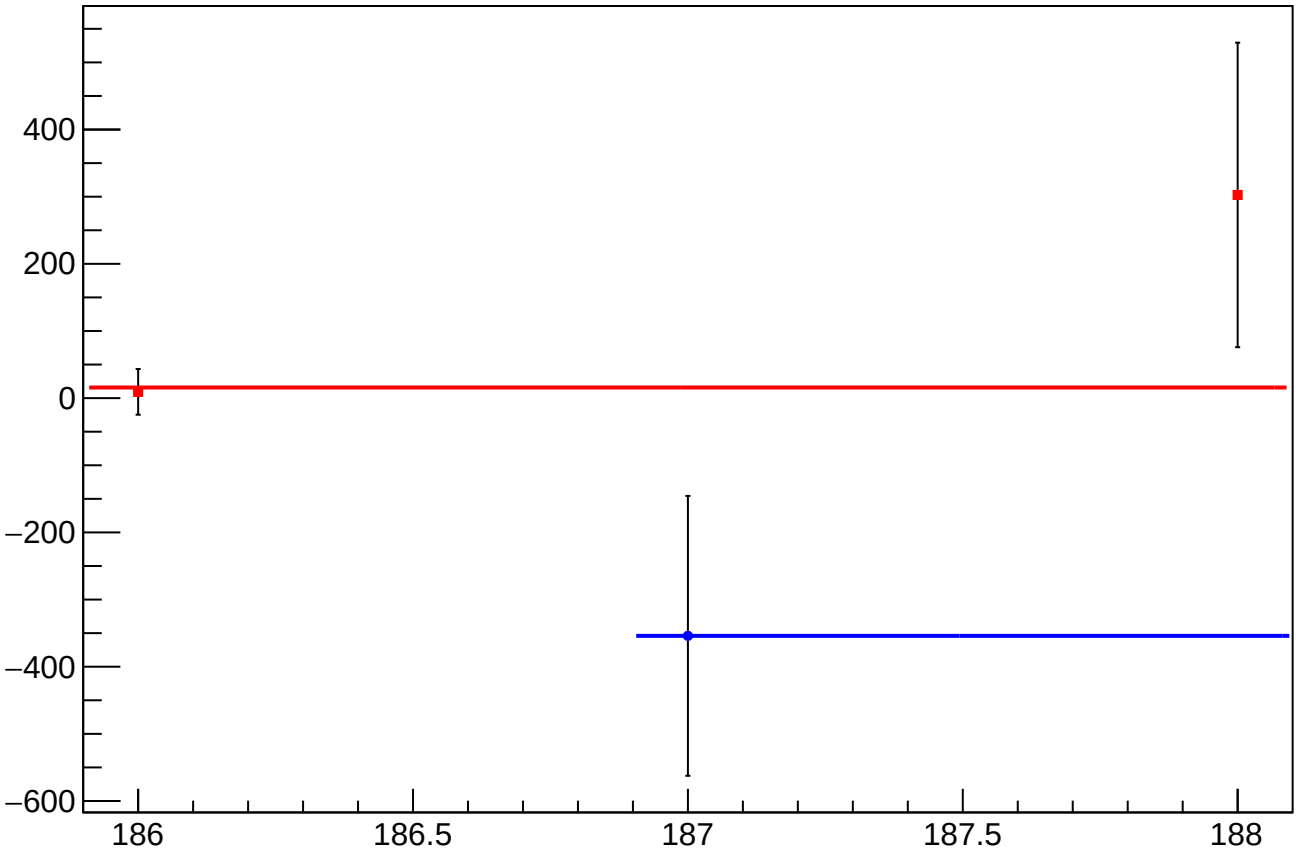
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -119.109+/-14.507 χ^2/NDF: 6.1/2

In: -248.403+/-72.132 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -119.109+/-14.507 χ^2/NDF: 6.1/2



Right In: -354.050+/-208.414 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.810+/-33.672 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

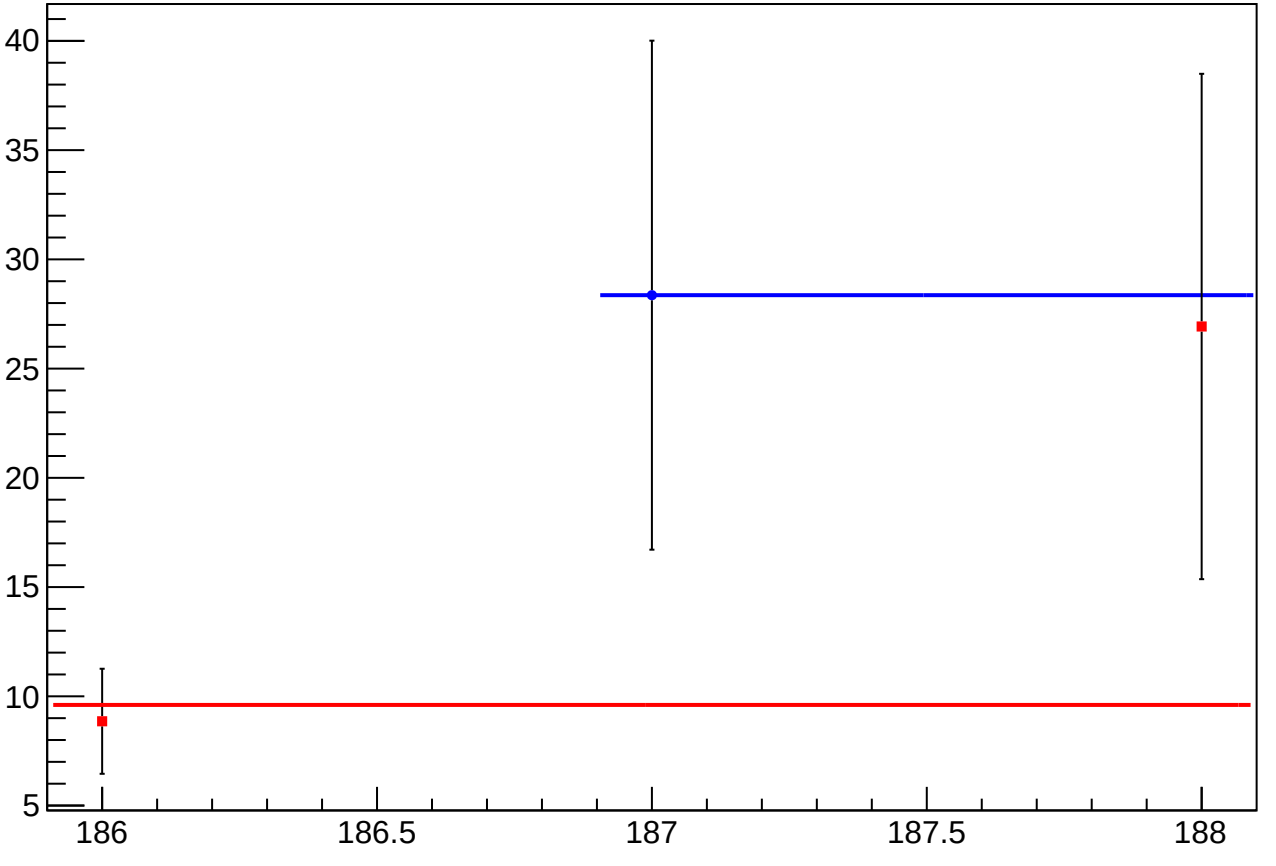
Right: 6.402+/-33.241 χ^2/NDF: 4.7/2

In: -354.050+/-208.414 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.402+/-33.241 χ^2/NDF: 4.7/2

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 28.361+/-11.649 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.606+/-2.354 χ^2/NDF: 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

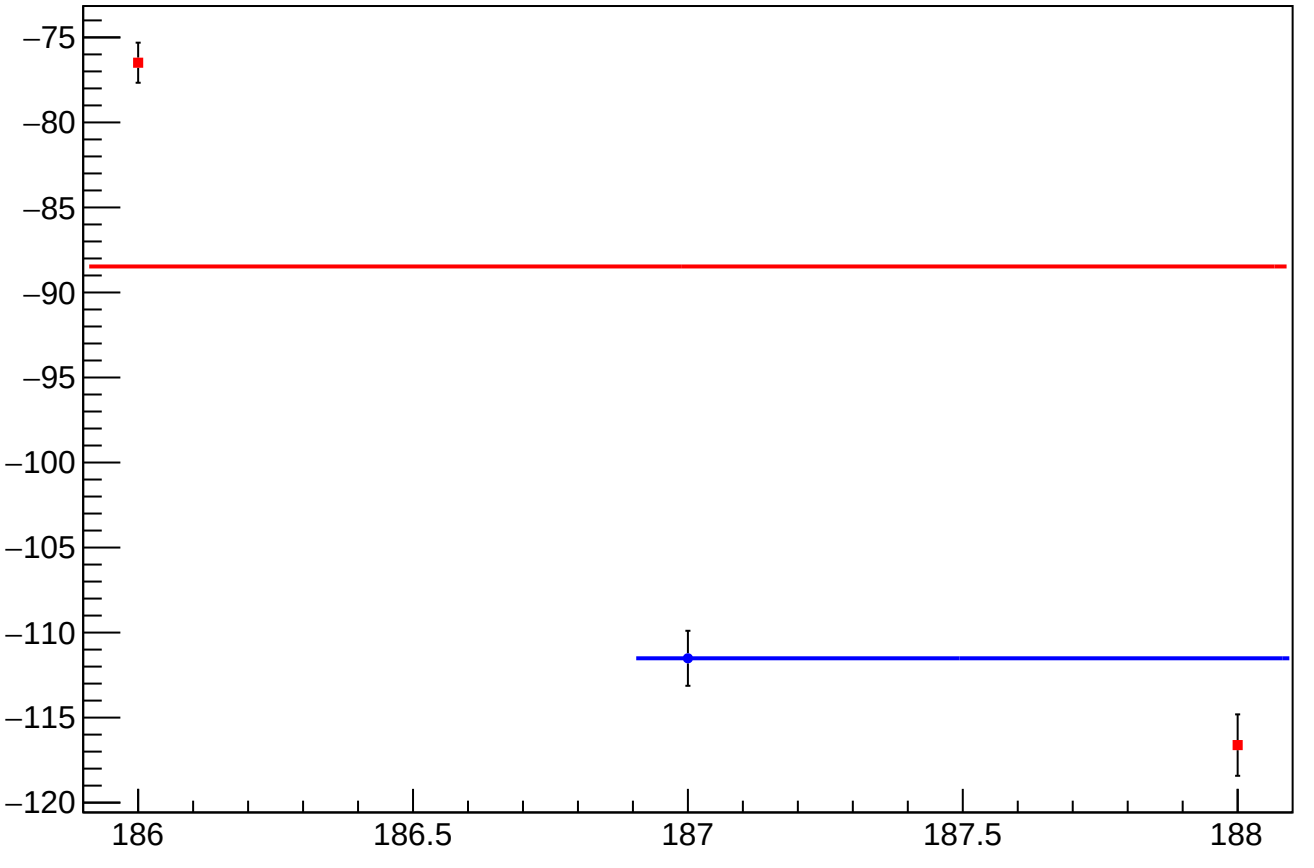
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 10.341+/-2.307 χ^2/NDF: 4.8/2

In: 28.361+/-11.649 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10.341+/-2.307 χ^2/NDF: 4.8/2



Right In: -111.512+/-1.617 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -88.471+/-0.987 χ^2/NDF: 346.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

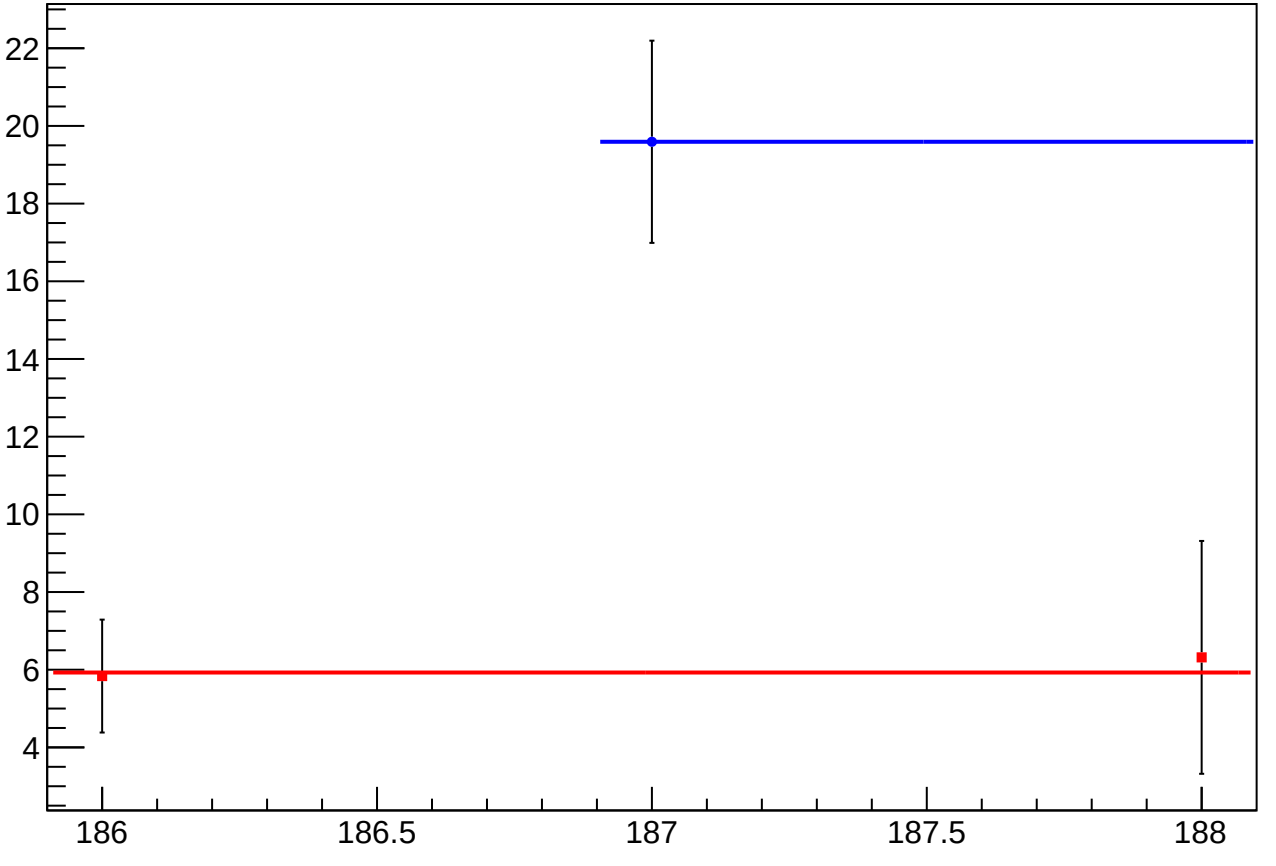
Right: -94.723+/-0.843 χ^2/NDF: 494.0/2

In: -111.512+/-1.617 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -94.723+/-0.843 χ^2/NDF: 494.0/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.592+/-2.603 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.928+/-1.308 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

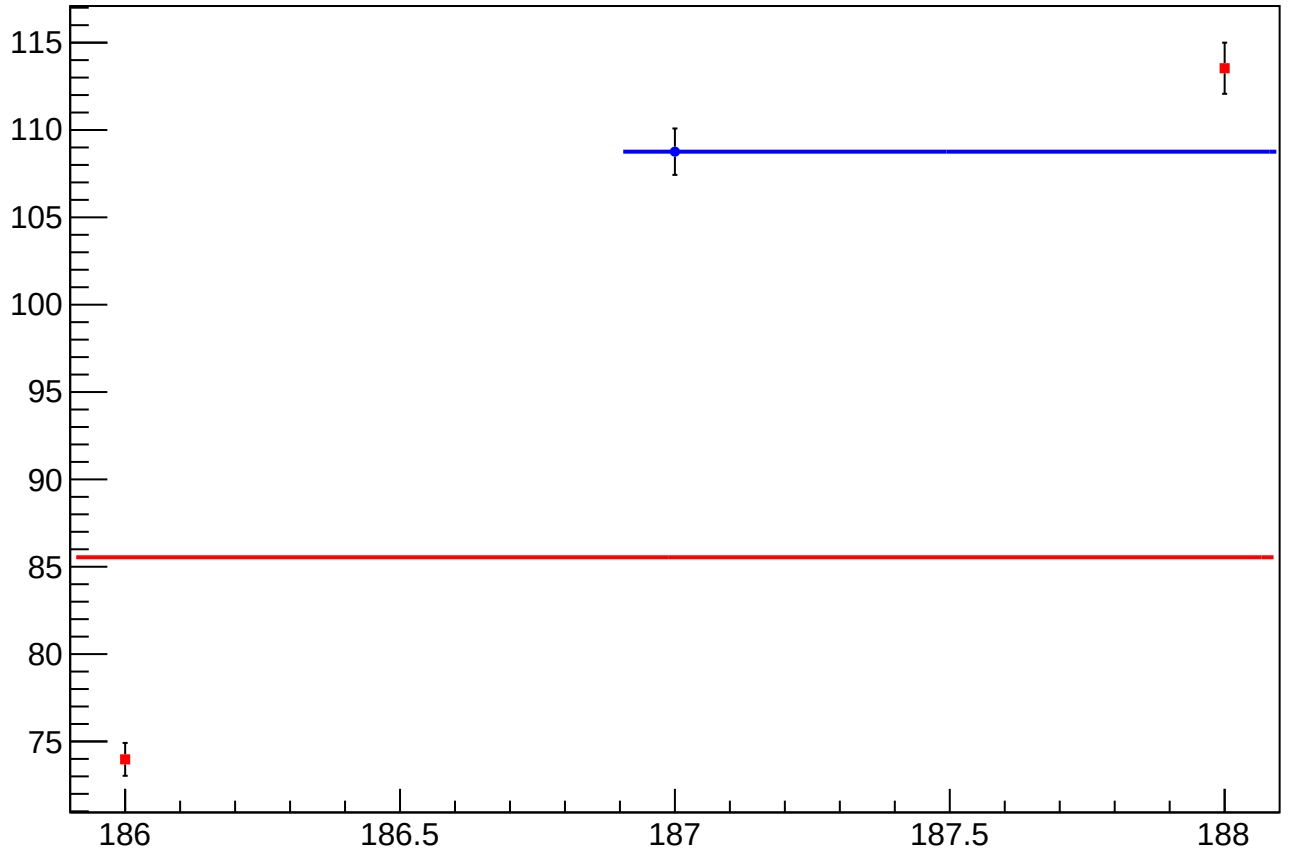
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.682+/-1.169 χ^2/NDF: 22.0/2

In: 19.592+/-2.603 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.682+/-1.169 χ^2/NDF: 22.0/2



Right In: 108.759+/-1.329 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 85.543+/-0.791 χ^2/NDF: 517.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

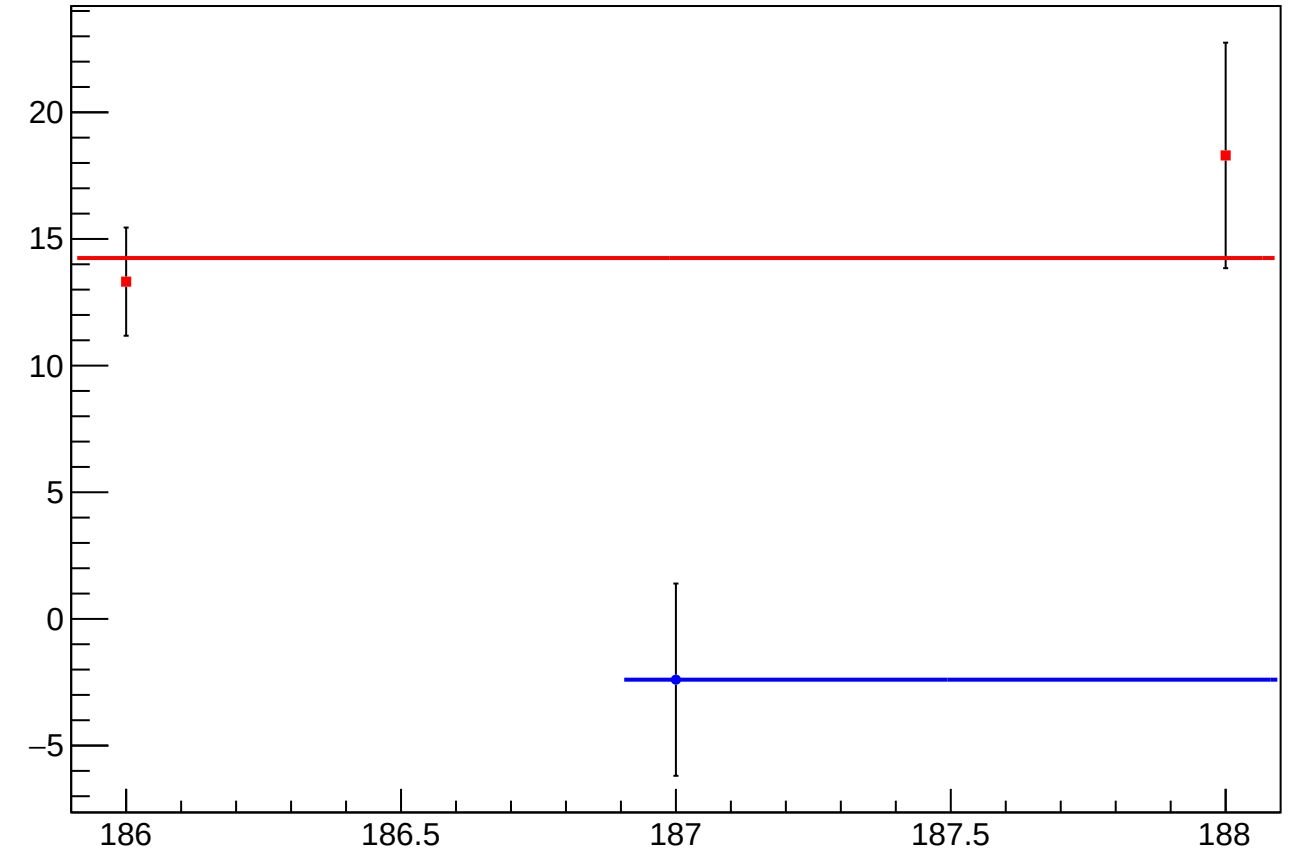
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 91.621+/-0.680 χ^2/NDF: 742.5/2

In: 108.759+/-1.329 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 91.621+/-0.680 χ^2/NDF: 742.5/2



Right In: -2.399+/-3.795 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.247+/-1.925 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

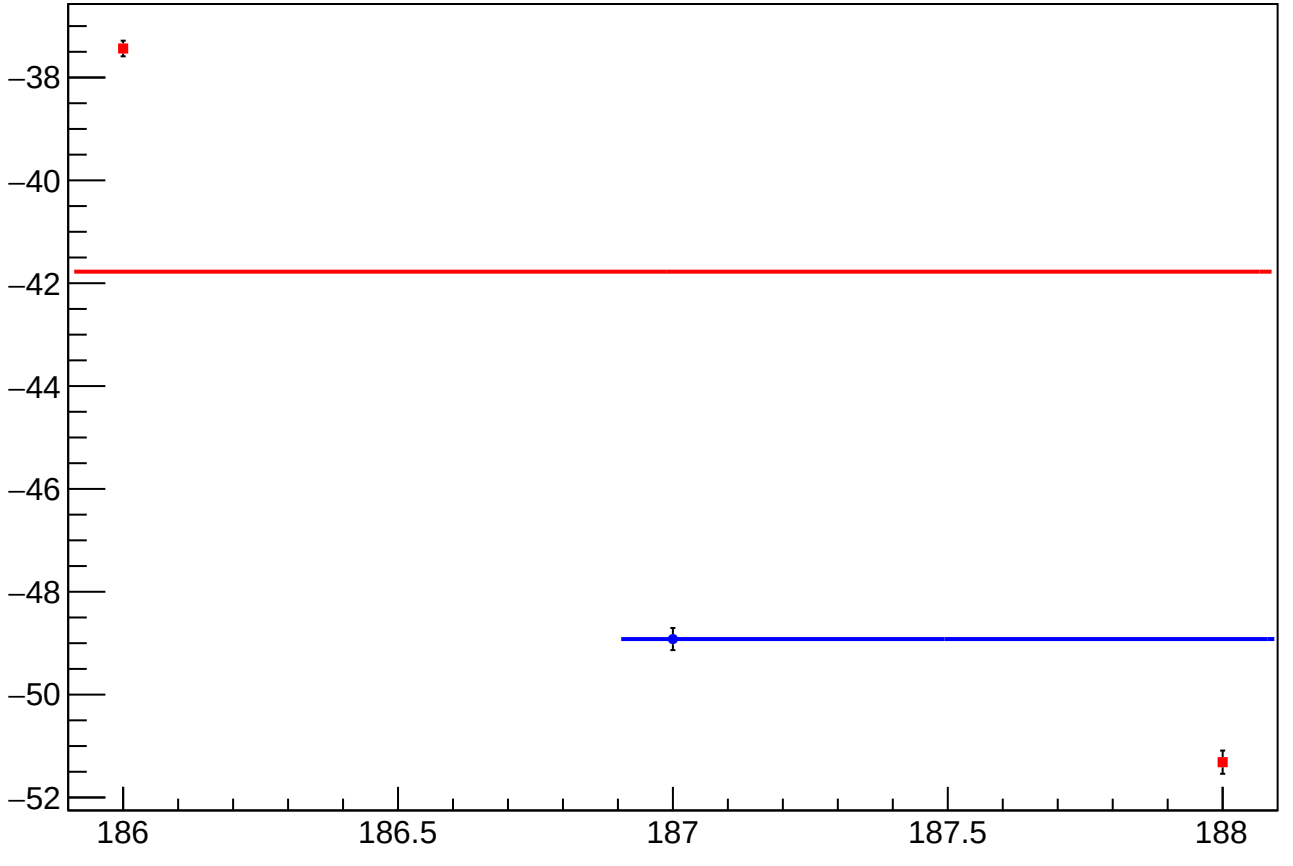
Right: 10.839+/-1.717 χ^2/NDF: 16.3/2

In: -2.399+/-3.795 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10.839+/-1.717 χ^2/NDF: 16.3/2

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -48.920+/-0.215 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -41.775+/-0.126 χ^2/NDF: 2596.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

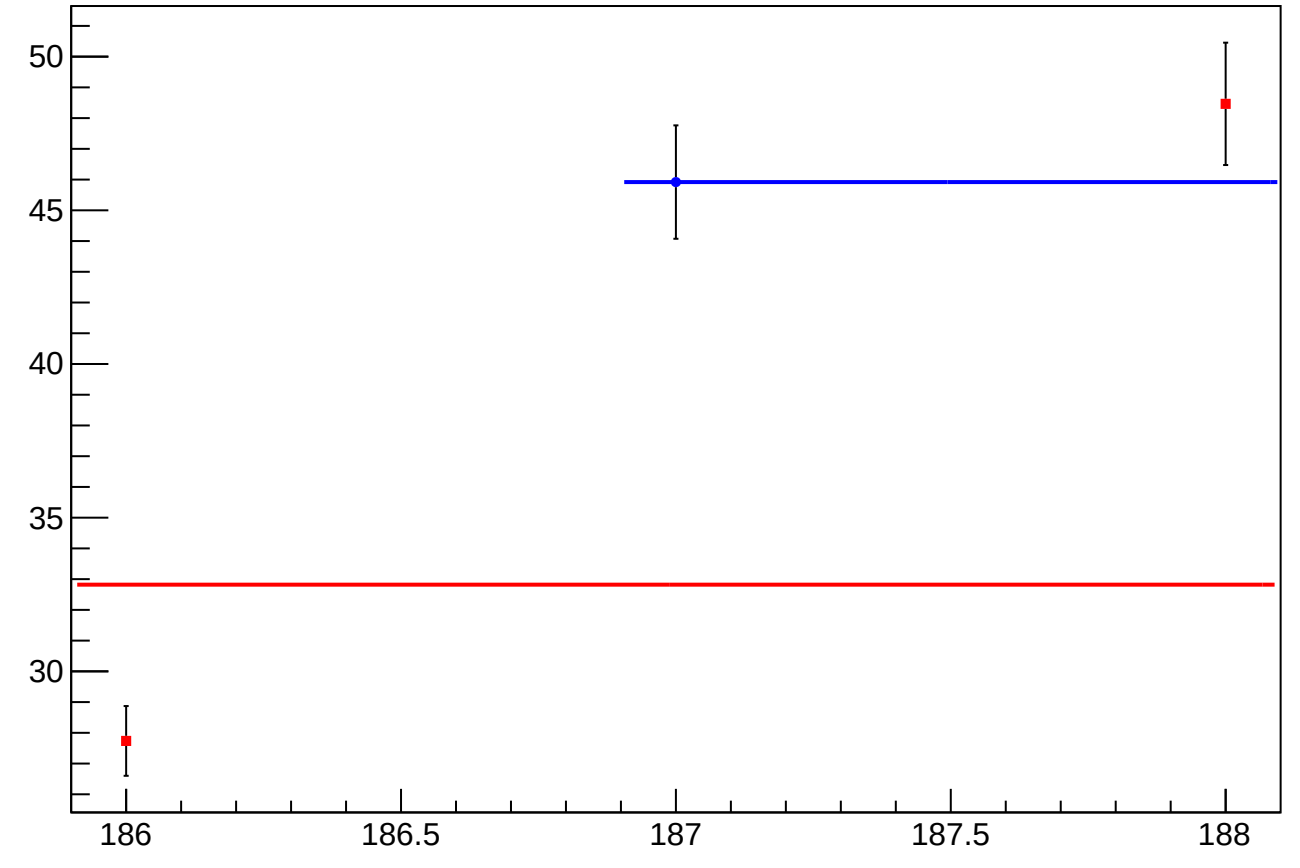
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -43.611+/-0.109 χ^2/NDF: 3419.5/2

In: -48.920+/-0.215 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -43.611+/-0.109 χ^2/NDF: 3419.5/2



Right In: 45.919+/-1.845 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.820+/-0.986 χ^2/NDF: 81.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

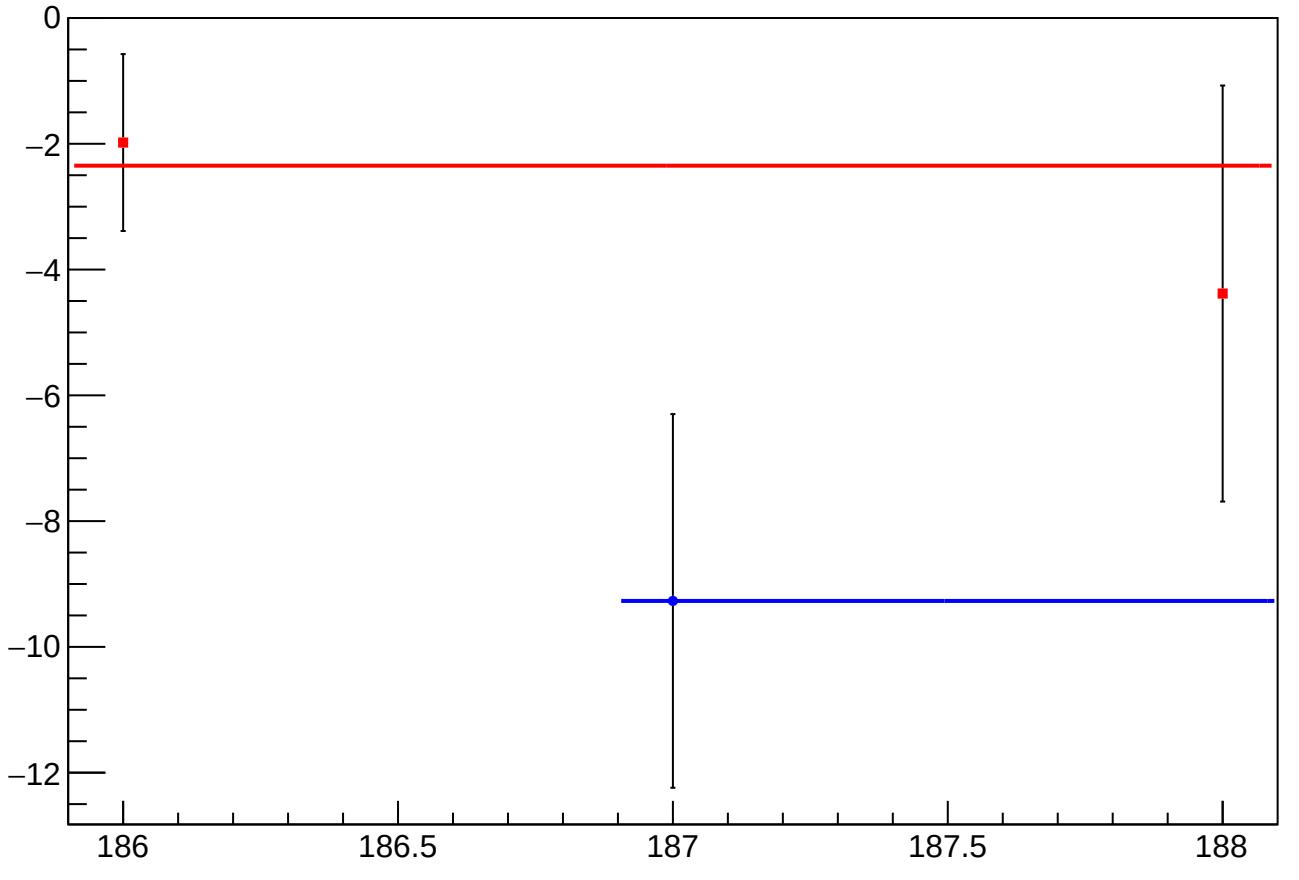
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 35.729+/-0.869 χ^2/NDF: 121.1/2

In: 45.919+/-1.845 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 35.729+/-0.869 χ^2/NDF: 121.1/2



Right In: -9.269+/-2.971 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.348+/-1.294 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

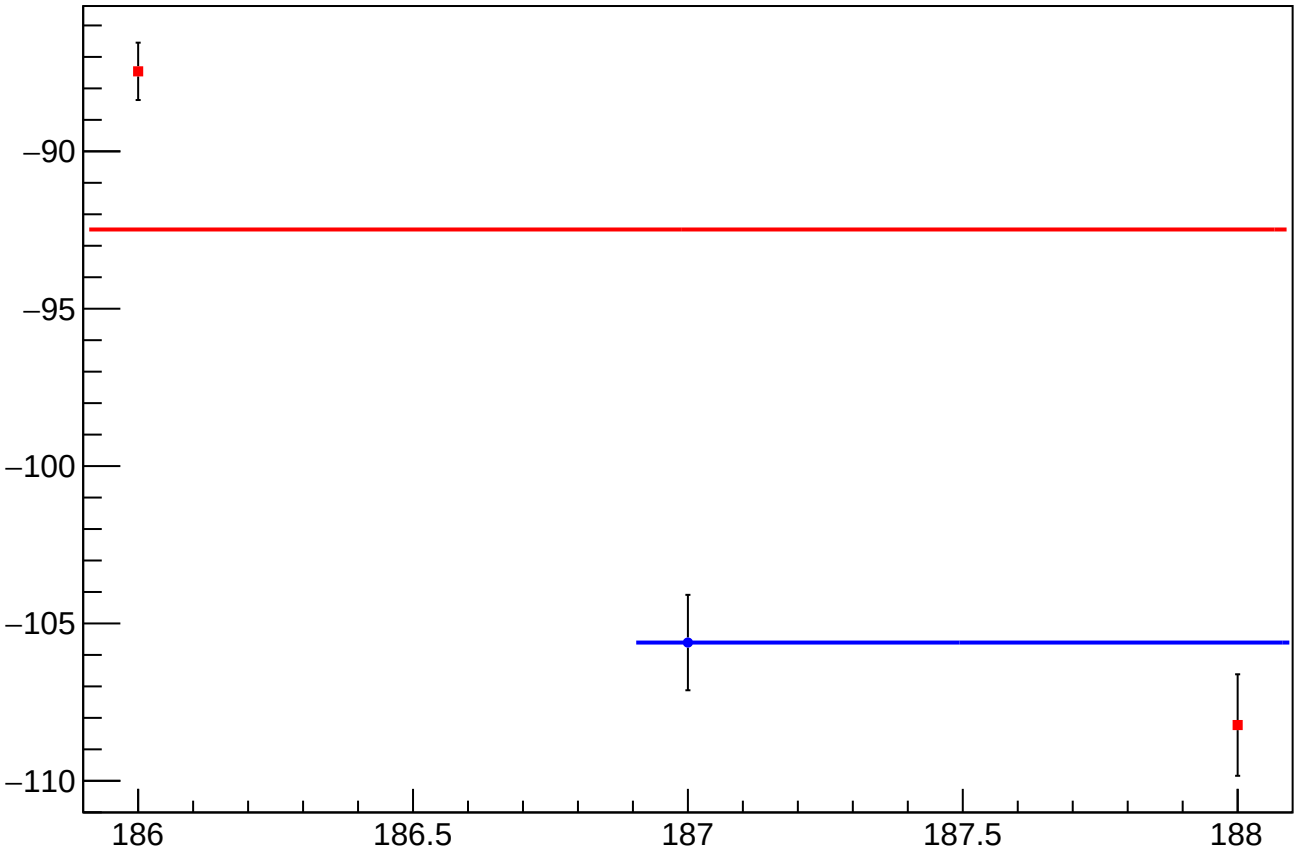
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.452+/-1.187 χ^2/NDF: 5.0/2

In: -9.269+/-2.971 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.452+/-1.187 χ^2/NDF: 5.0/2



Right In: -105.607+/-1.516 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -92.483+/-0.793 χ^2/NDF: 125.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

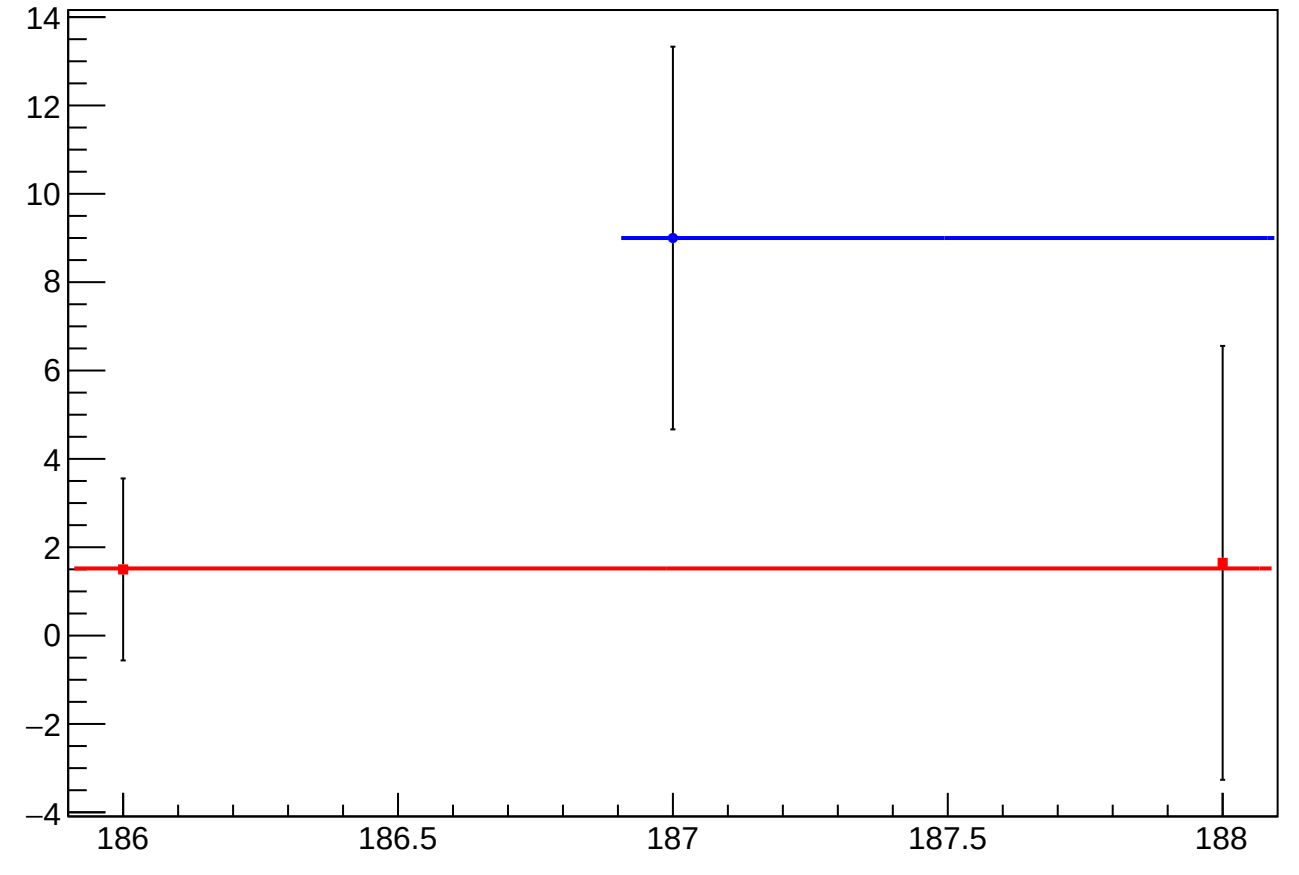
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -95.305+/-0.703 χ^2/NDF: 184.6/2

In: -105.607+/-1.516 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -95.305+/-0.703 χ^2/NDF: 184.6/2



Right In: 8.999+/-4.331 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.520+/-1.899 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

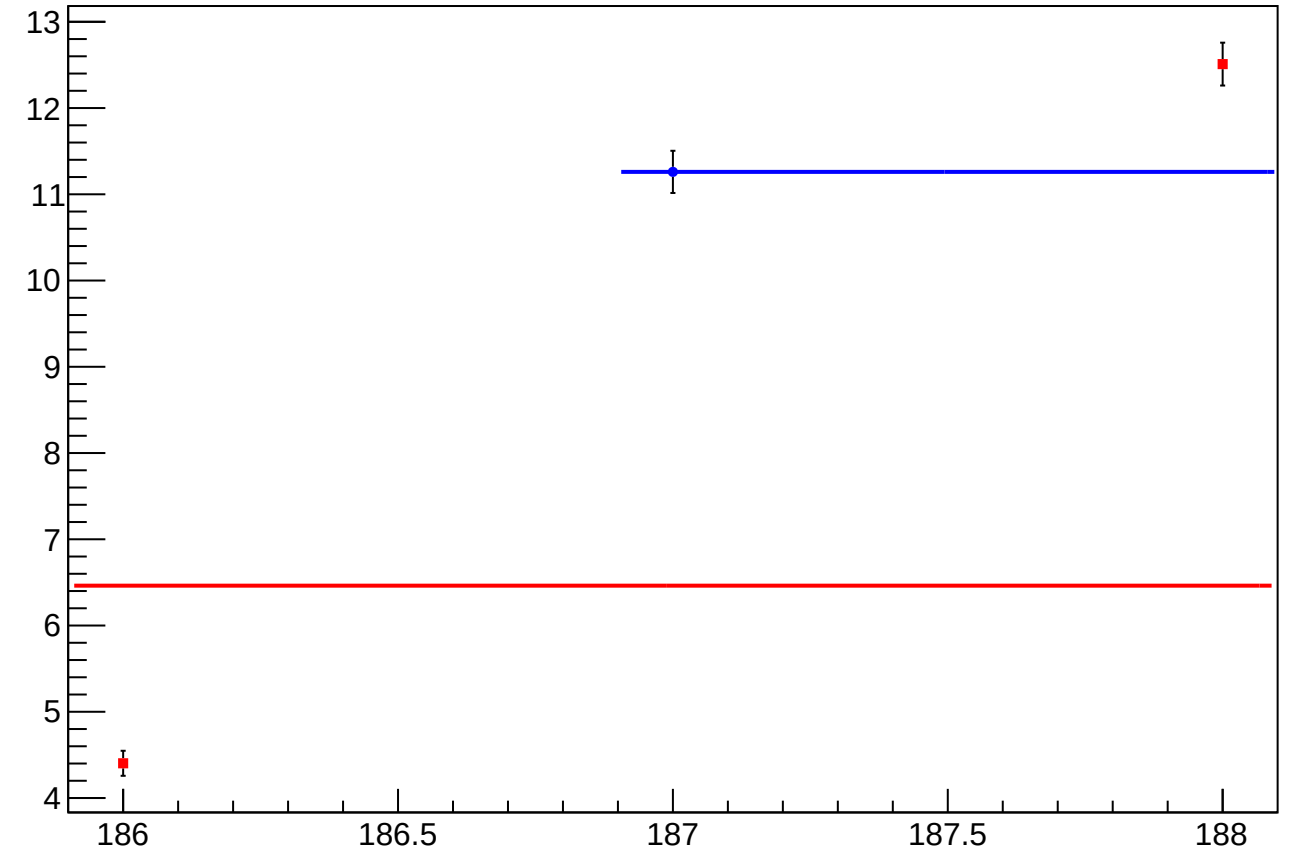
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.726+/-1.739 χ^2/NDF: 2.5/2

In: 8.999+/-4.331 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.726+/-1.739 χ^2/NDF: 2.5/2



Right In: 11.260+/-0.245 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.462+/-0.125 χ^2/NDF: 793.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

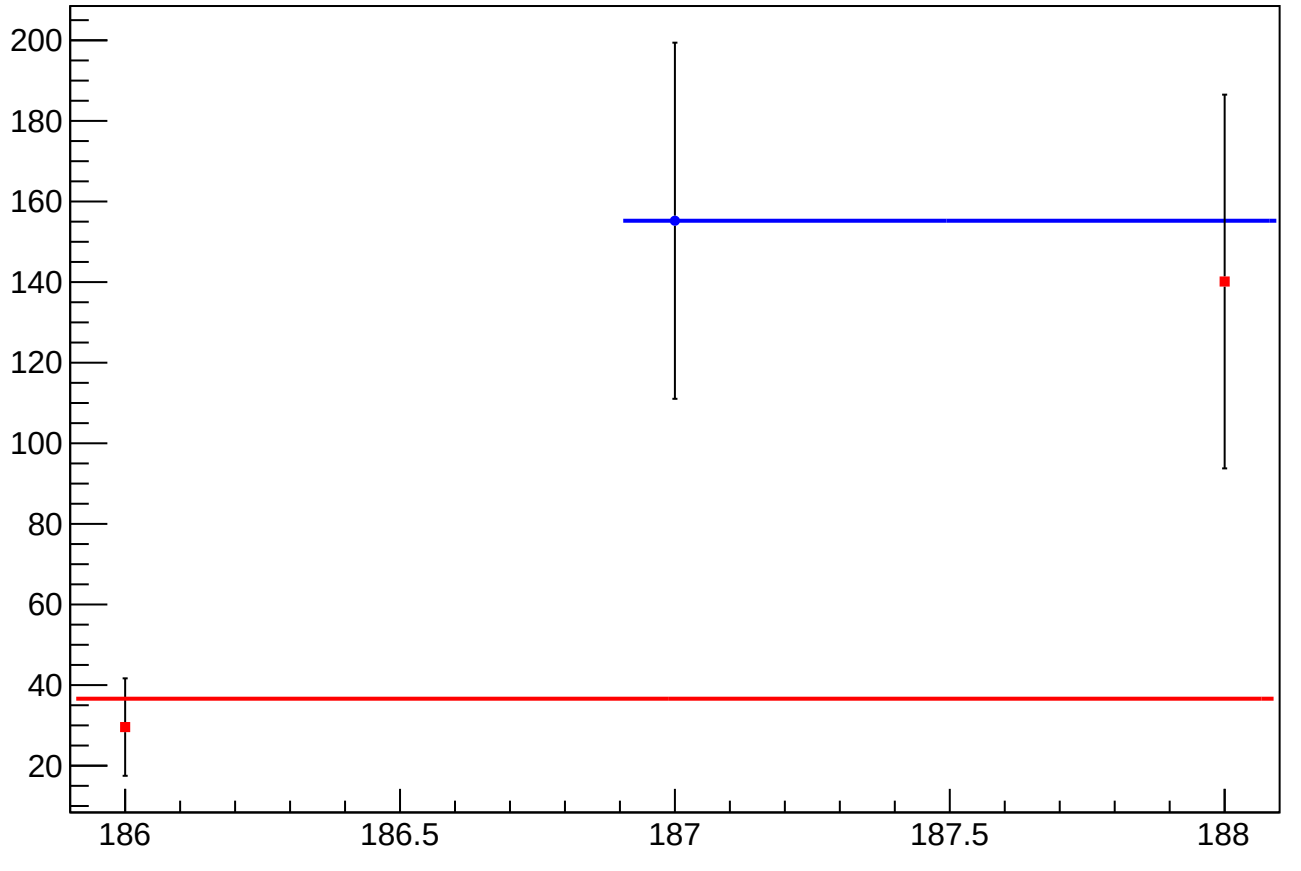
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.459+/-0.111 χ^2/NDF: 1098.7/2

In: 11.260+/-0.245 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.459+/-0.111 χ^2/NDF: 1098.7/2



Right In: 155.225+/-44.188 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 36.622+/-11.701 χ^2/NDF: 5.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

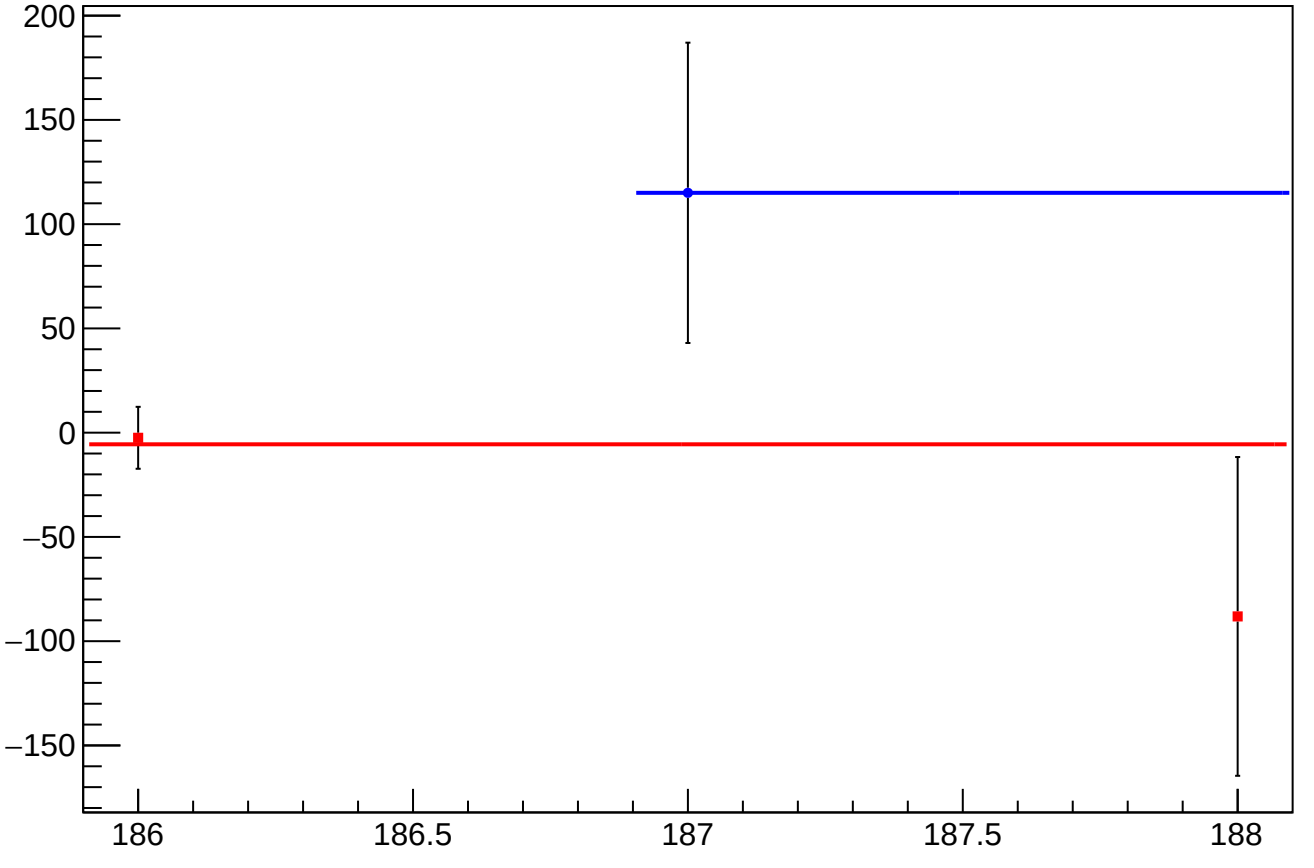
Right: 44.393+/-11.311 χ^2/NDF: 12.1/2

In: 155.225+/-44.188 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 44.393+/-11.311 χ^2/NDF: 12.1/2

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 115.025+/-72.015 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.577+/-14.580 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

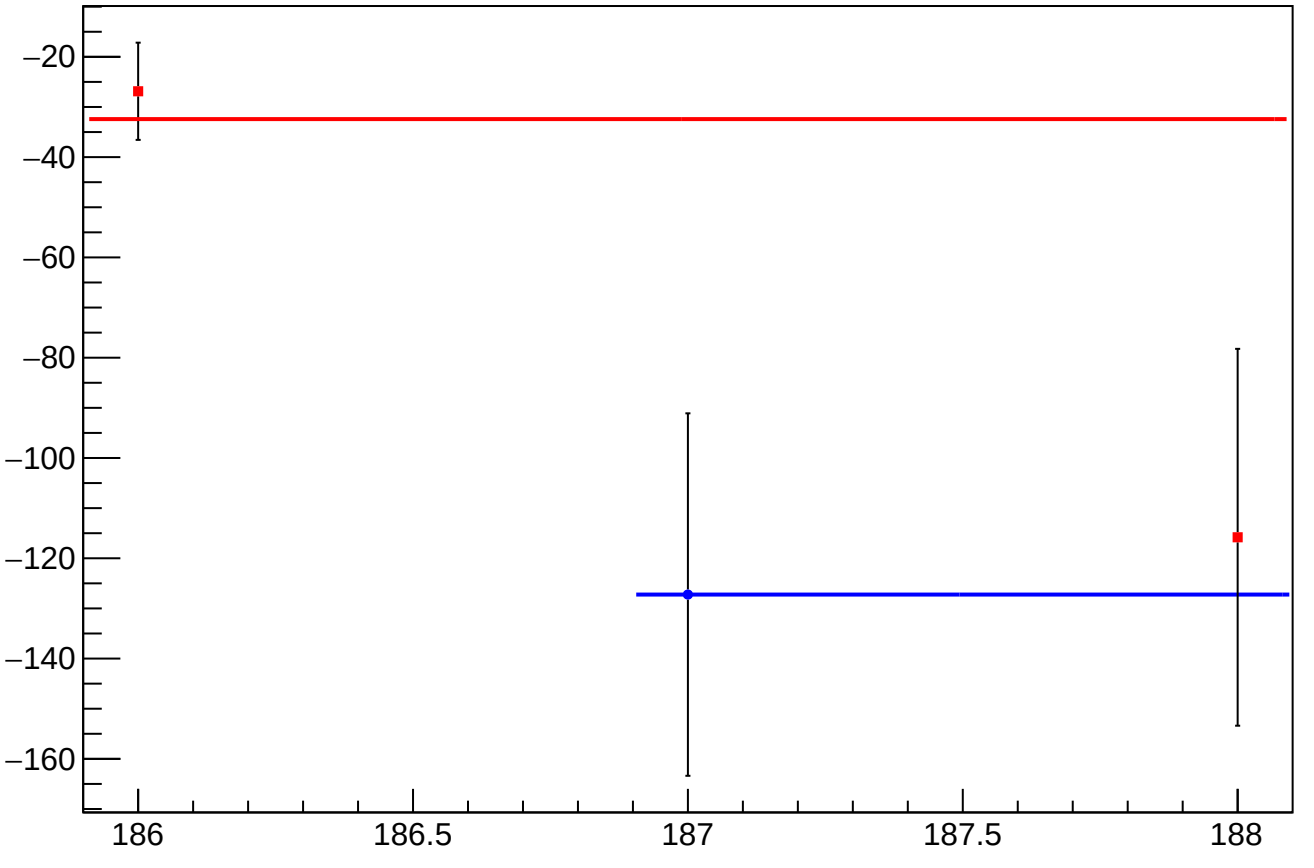
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.828+/-14.290 χ^2/NDF: 3.9/2

In: 115.025+/-72.015 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.828+/-14.290 χ^2/NDF: 3.9/2



Right In: -127.236+/-36.142 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.417+/-9.386 χ^2/NDF: 5.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

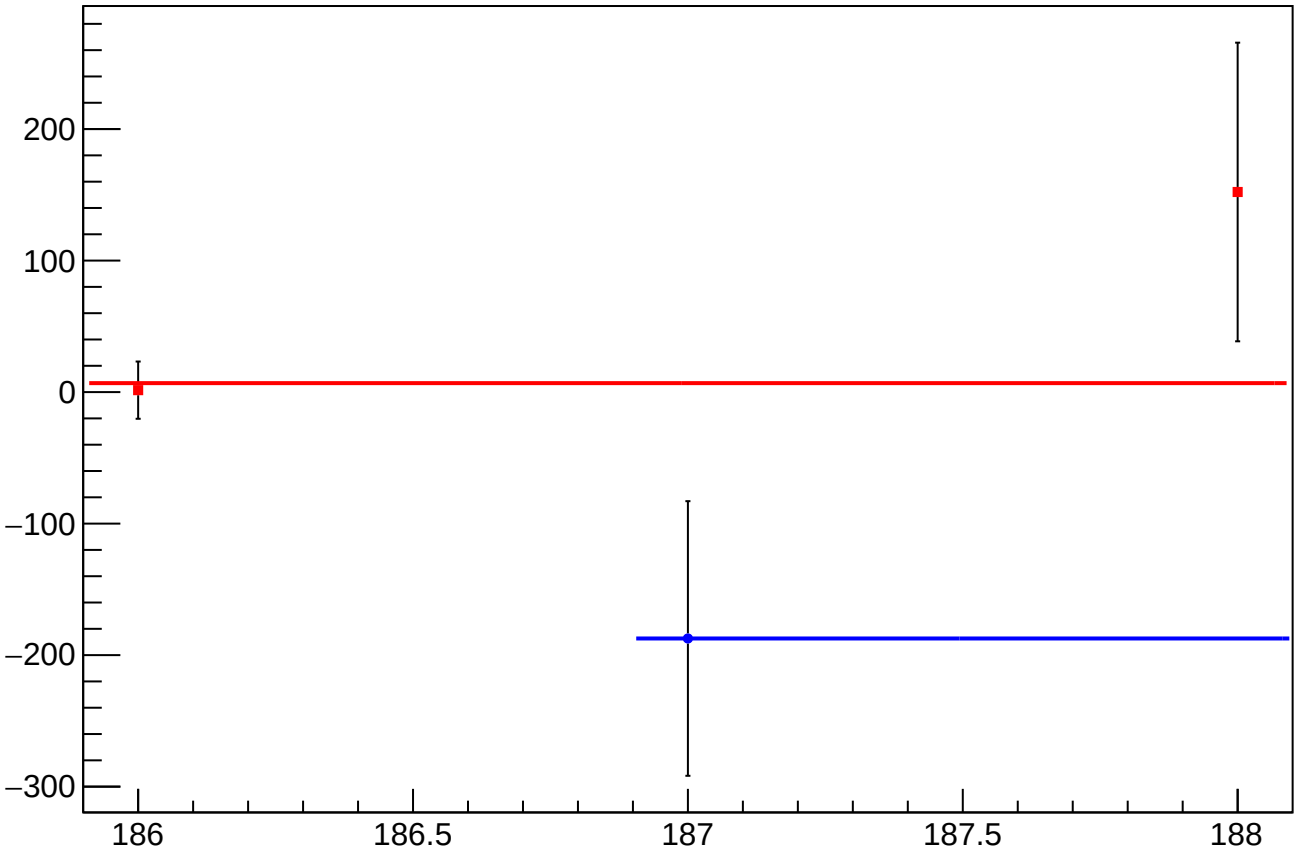
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -38.407+/-9.084 χ^2/NDF: 11.7/2

In: -127.236+/-36.142 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -38.407+/-9.084 χ^2/NDF: 11.7/2



Right In: -187.344+/-104.412 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.818+/-21.375 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

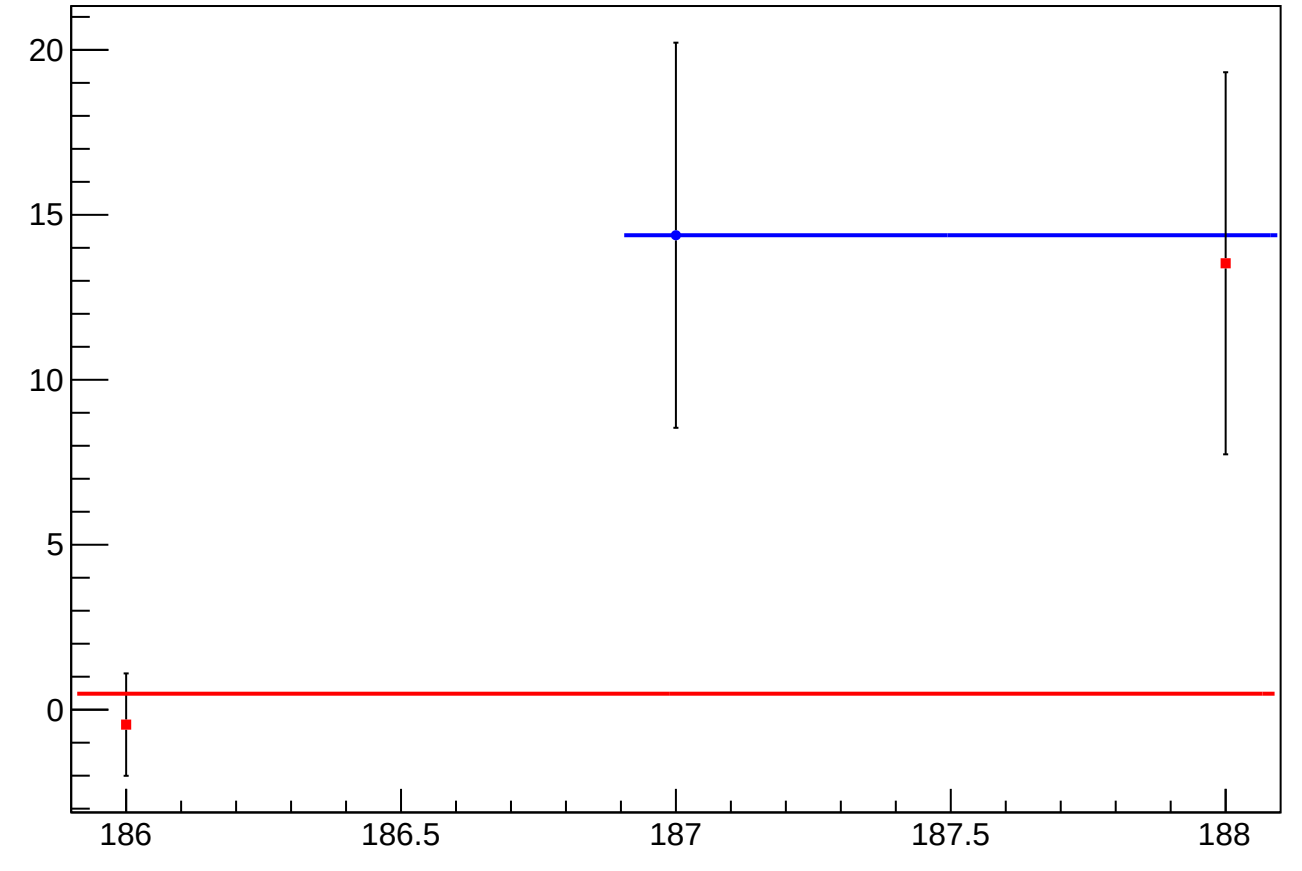
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.992+/-20.941 χ^2/NDF: 5.0/2

In: -187.344+/-104.412 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.992+/-20.941 χ^2/NDF: 5.0/2



Right In: 14.382+/-5.837 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.485+/-1.499 χ^2/NDF: 5.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

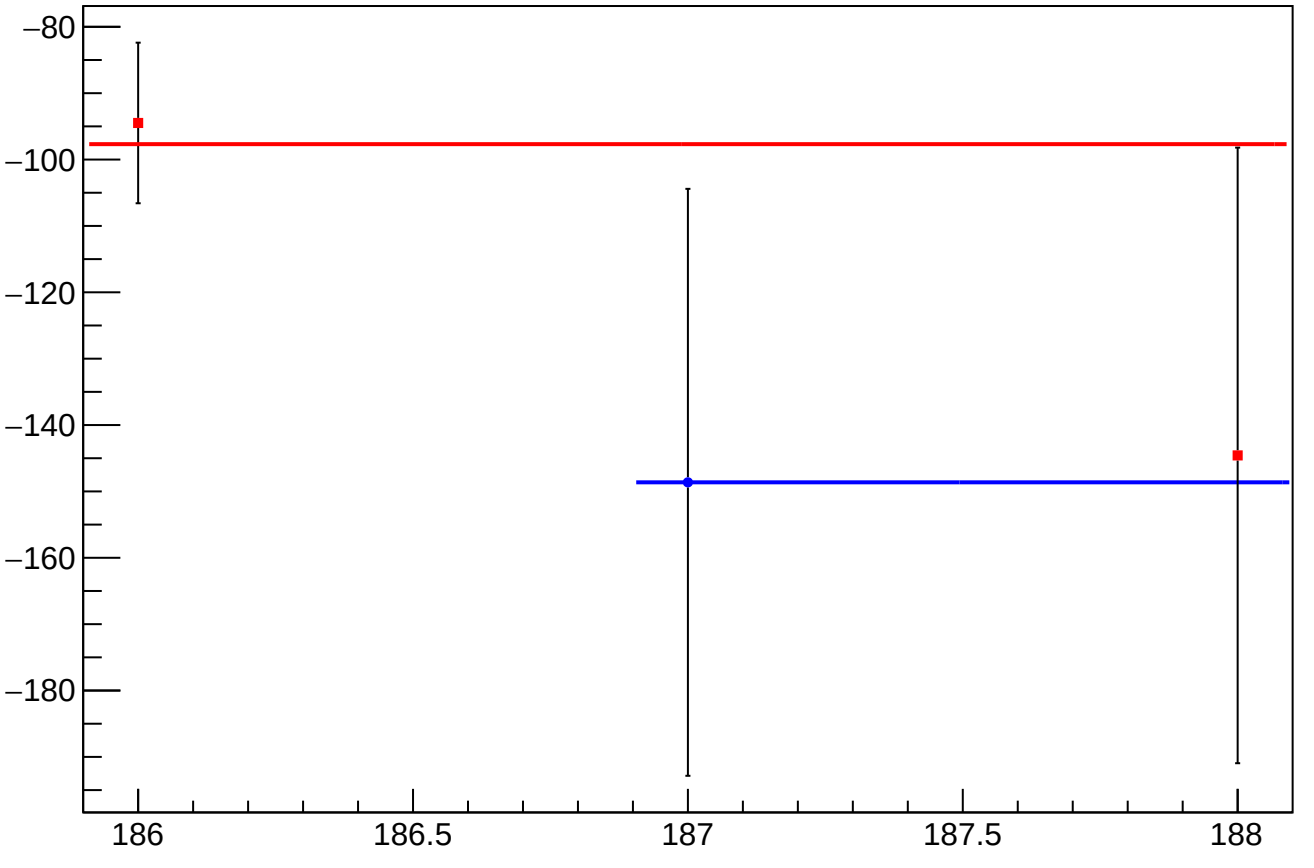
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.344+/-1.452 χ^2/NDF: 10.8/2

In: 14.382+/-5.837 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.344+/-1.452 χ^2/NDF: 10.8/2



Right In: -148.630+/-44.216 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -97.678+/-11.706 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

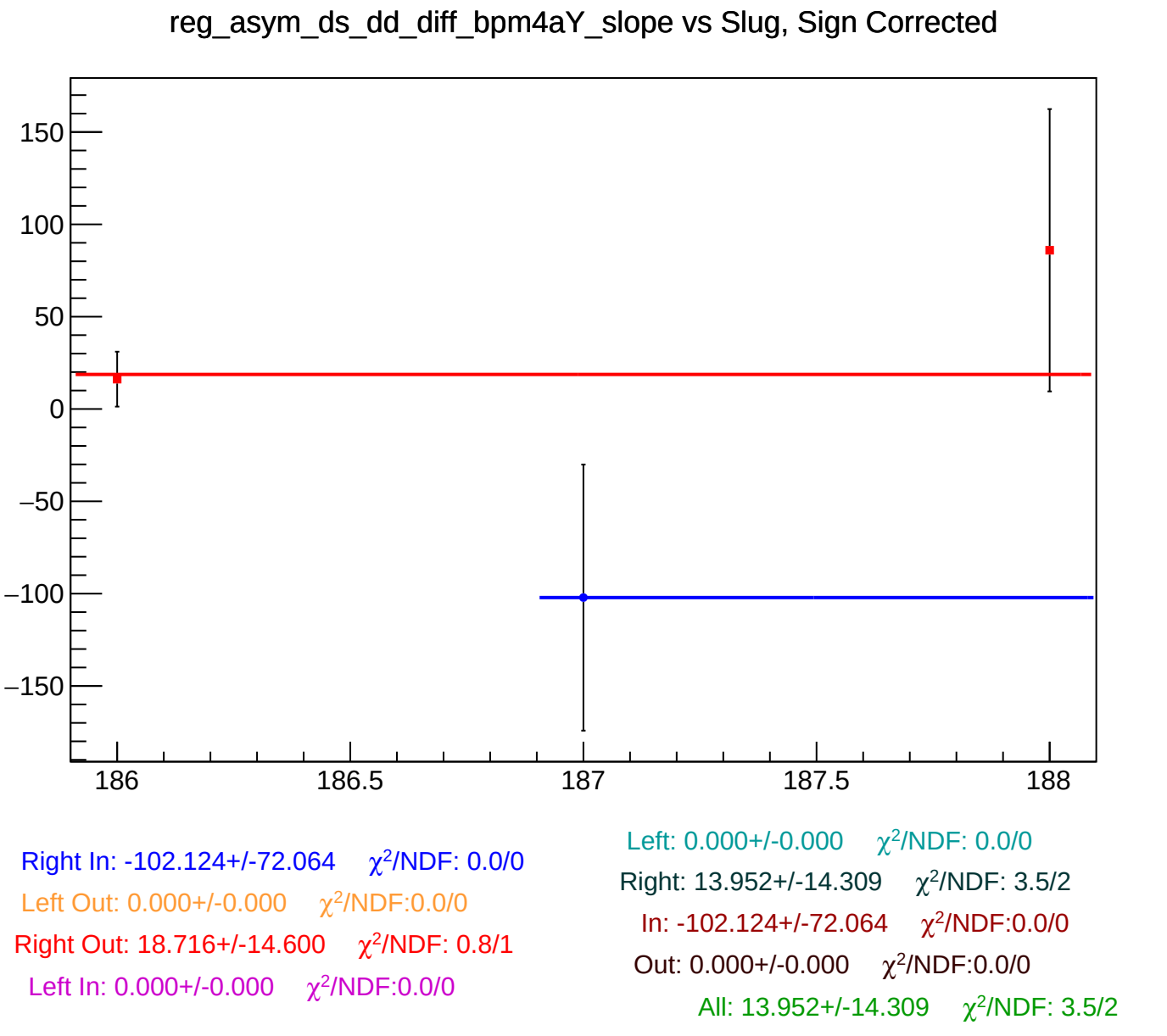
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

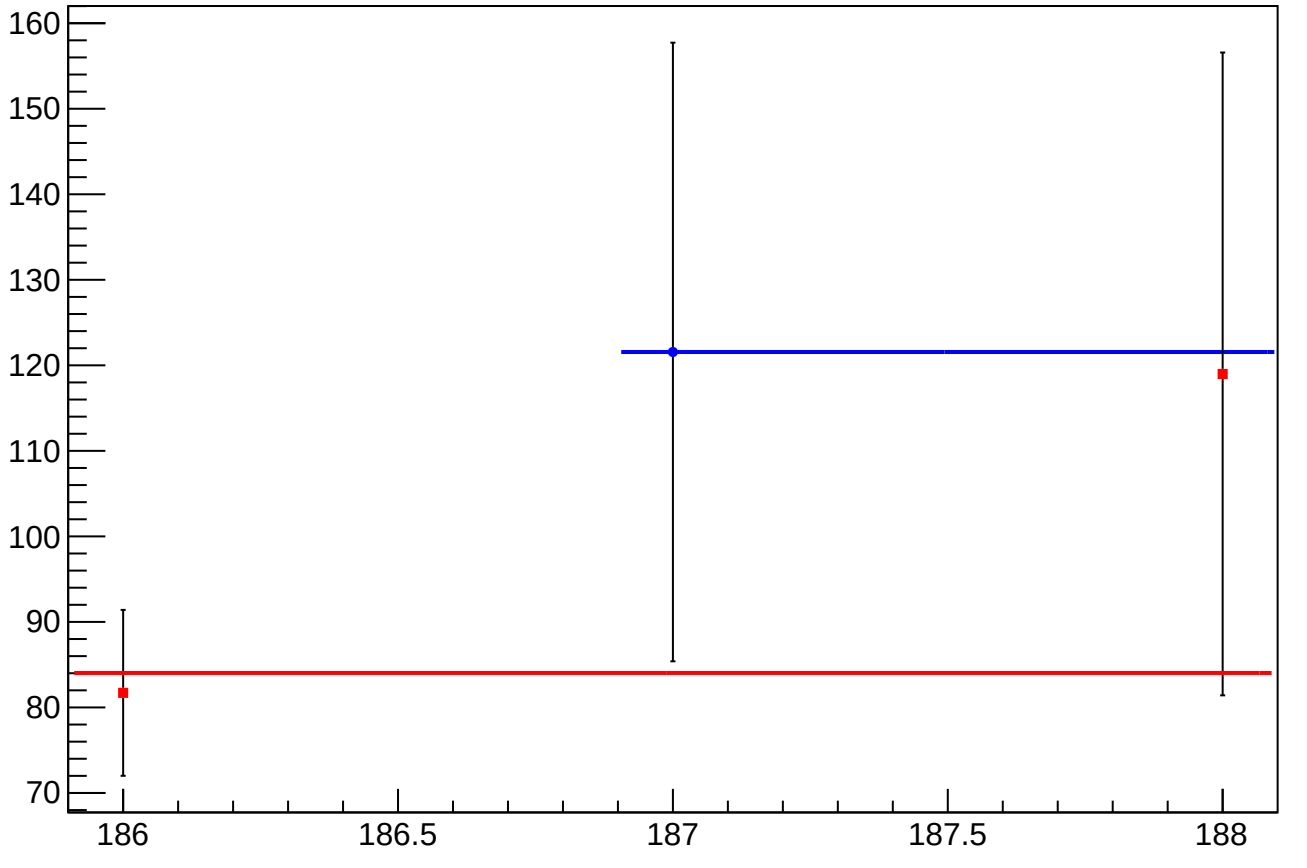
Right: -101.016+/-11.316 χ^2/NDF: 2.3/2

In: -148.630+/-44.216 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -101.016+/-11.316 χ^2/NDF: 2.3/2


reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
150
100
50
0
−50
−100
−150
186
186.5
187
187.5
188
Right In: -102.124+/-72.064 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 18.716+/-14.600 χ²/NDF: 0.8/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 13.952+/-14.309 χ²/NDF: 3.5/2
In: -102.124+/-72.064 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 13.952+/-14.309 χ²/NDF: 3.5/2



Right In: 121.560+/-36.166 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 84.034+/-9.391 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

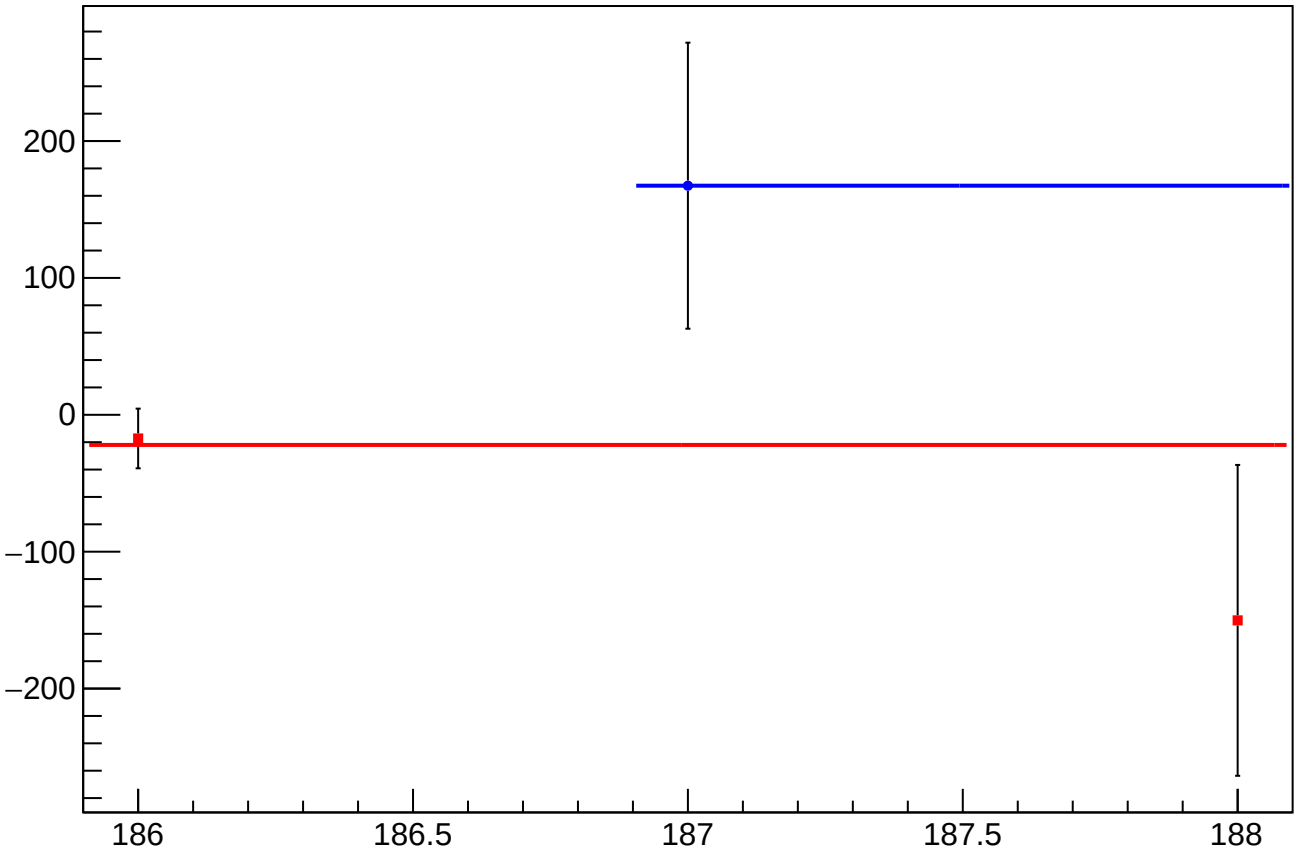
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 86.404+/-9.089 χ^2/NDF: 1.9/2

In: 121.560+/-36.166 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 86.404+/-9.089 χ^2/NDF: 1.9/2



Right In: 167.381+/-104.484 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -22.008+/-21.405 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

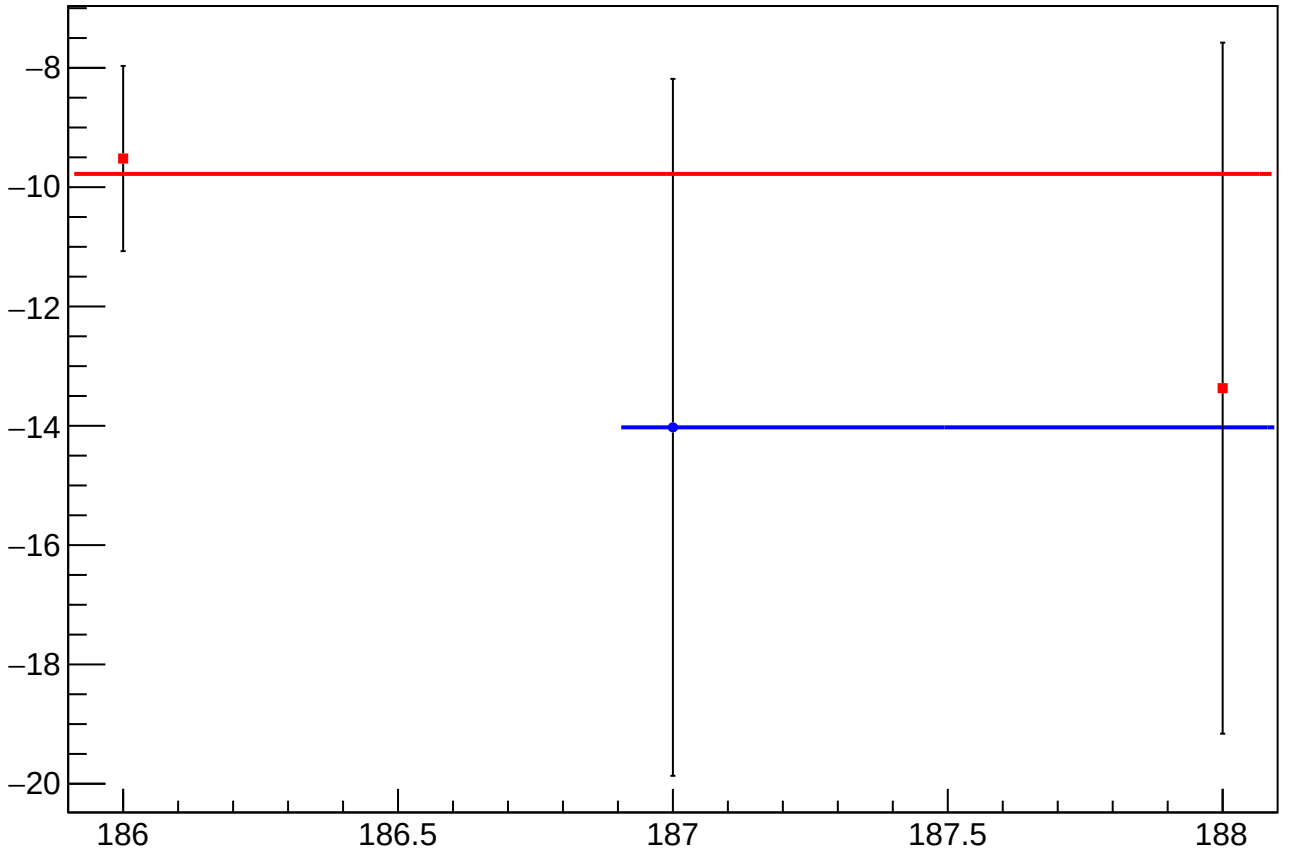
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.379+/-20.970 χ^2/NDF: 4.5/2

In: 167.381+/-104.484 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.379+/-20.970 χ^2/NDF: 4.5/2



Right In: -14.026+/-5.841 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -9.778+/-1.499 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

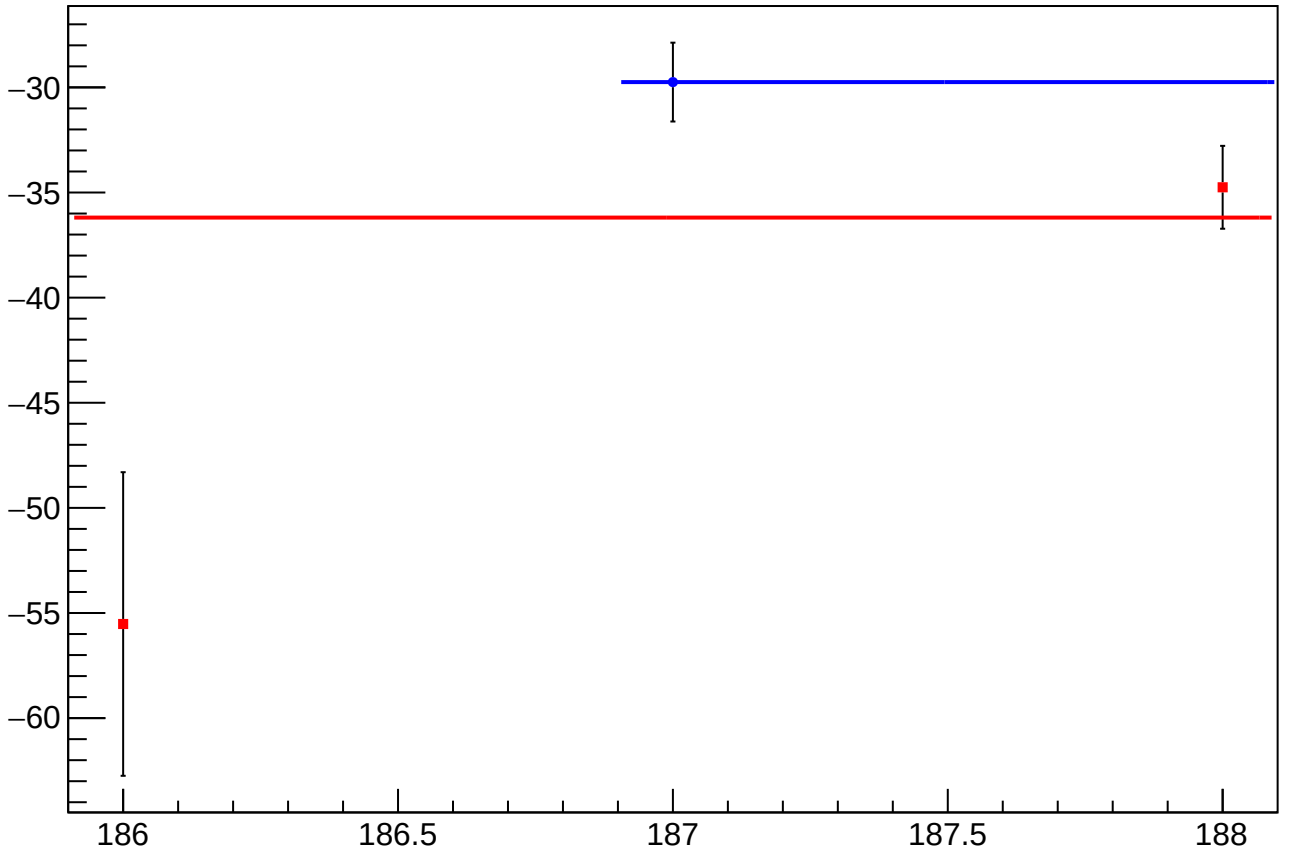
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -10.040+/-1.452 χ^2/NDF: 0.9/2

In: -14.026+/-5.841 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10.040+/-1.452 χ^2/NDF: 0.9/2



Right In: -29.748+/-1.875 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36.193+/-1.902 χ^2/NDF: 7.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

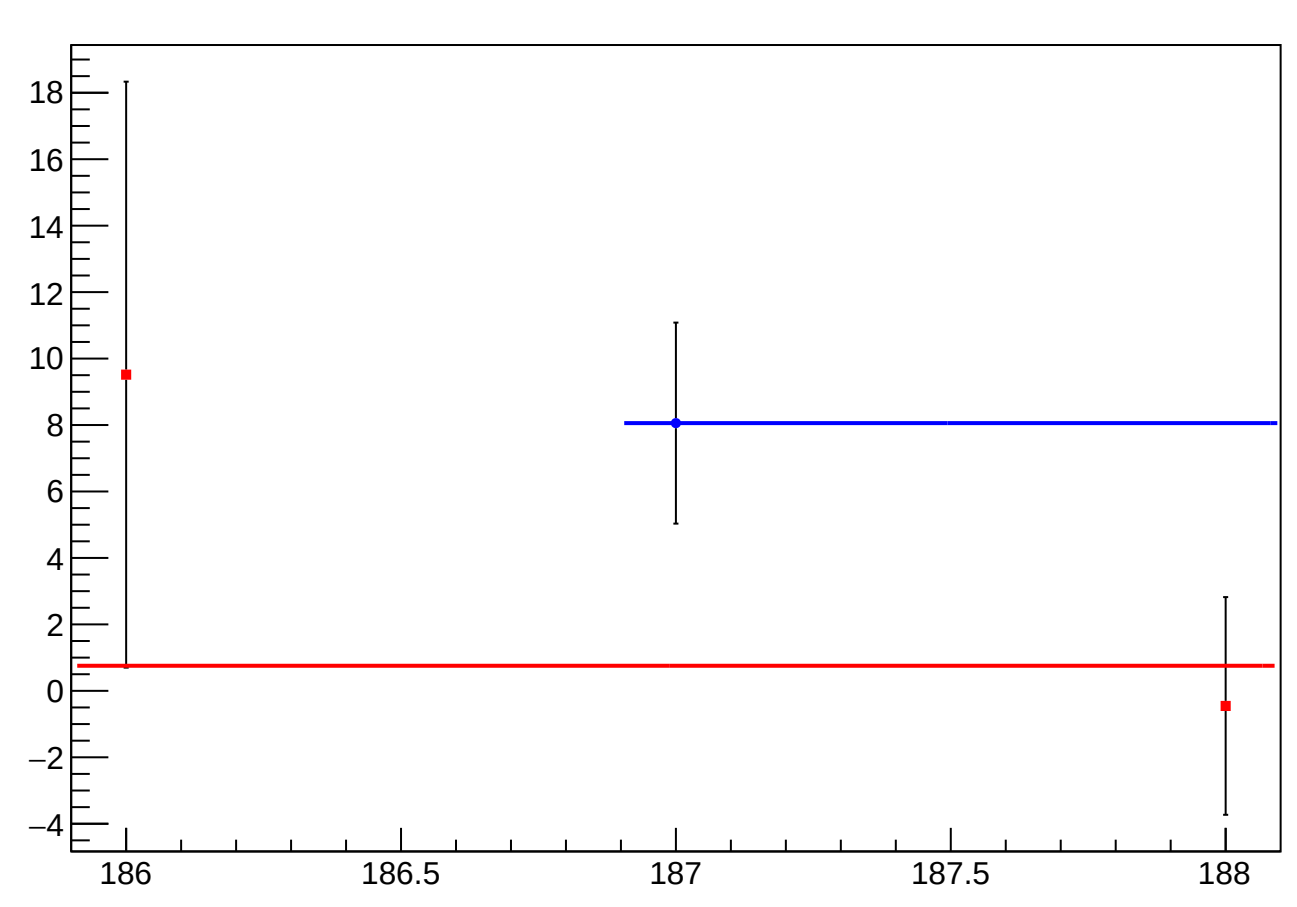
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -32.925+/-1.335 χ^2/NDF: 13.5/2

In: -29.748+/-1.875 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -32.925+/-1.335 χ^2/NDF: 13.5/2



Right In: 8.058+/-3.025 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.755+/-3.071 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

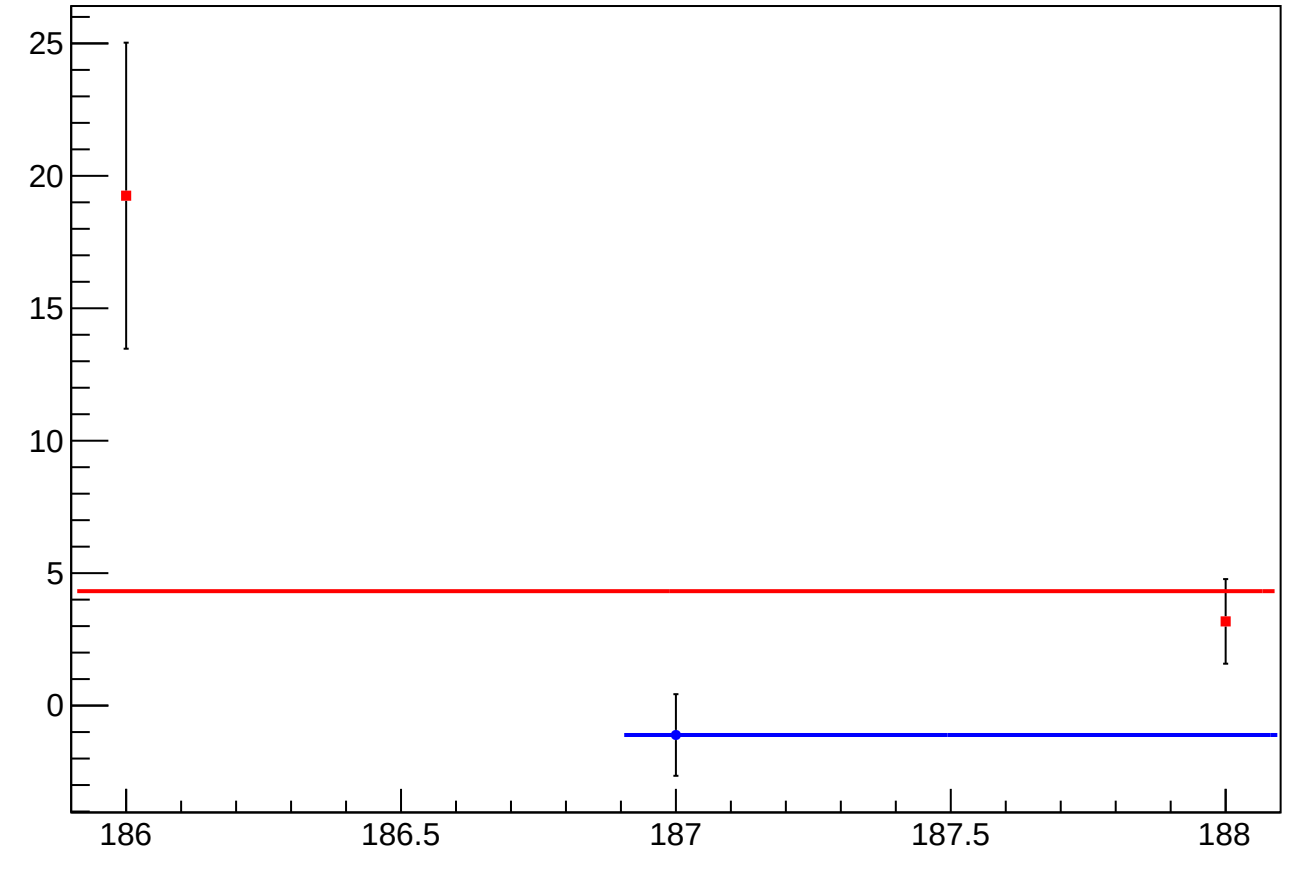
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.461+/-2.155 χ^2/NDF: 4.0/2

In: 8.058+/-3.025 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.461+/-2.155 χ^2/NDF: 4.0/2



Right In: -1.110+/-1.541 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.320+/-1.539 χ^2/NDF: 7.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

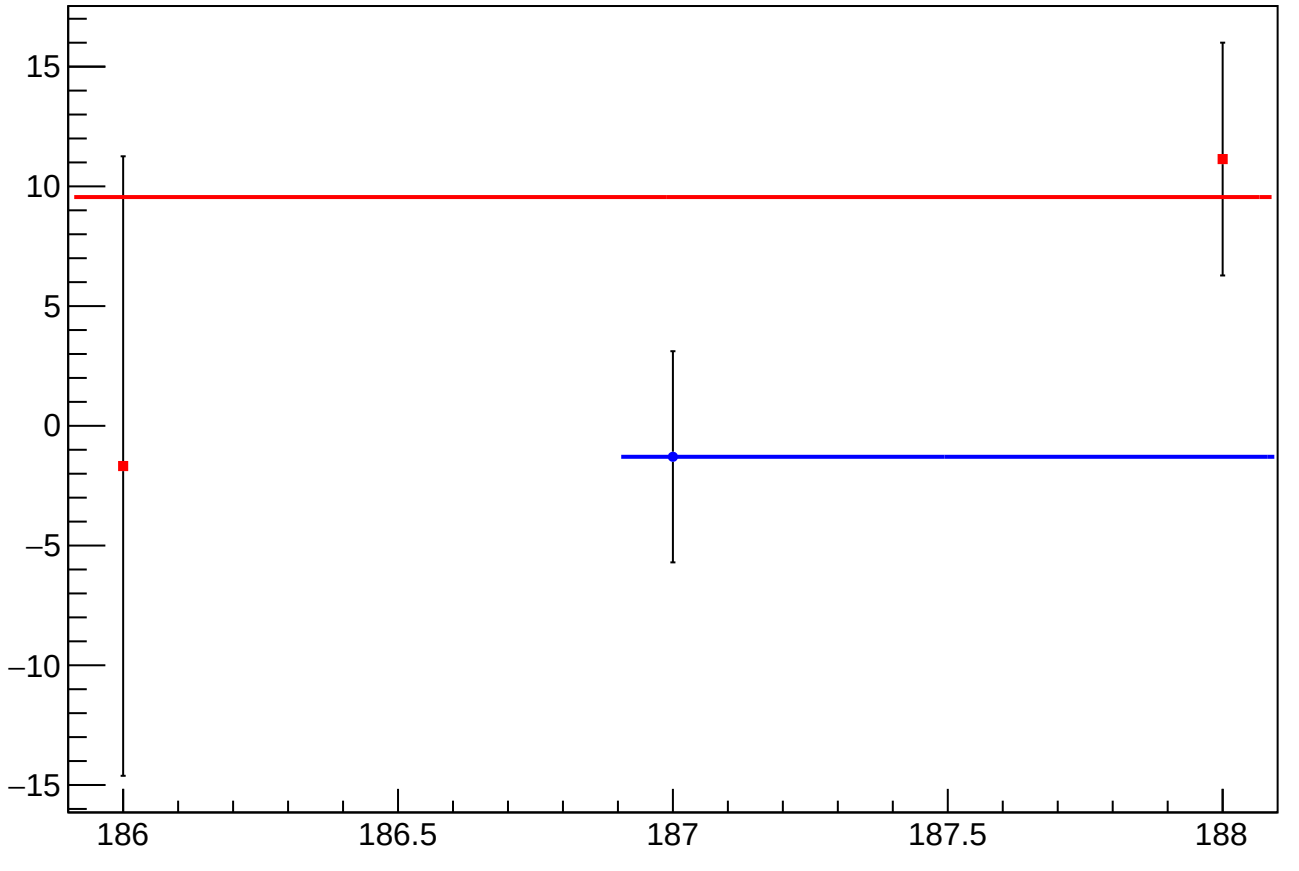
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.607+/-1.089 χ^2/NDF: 13.4/2

In: -1.110+/-1.541 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.607+/-1.089 χ^2/NDF: 13.4/2



Right In: -1.293+/-4.409 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.554+/-4.551 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

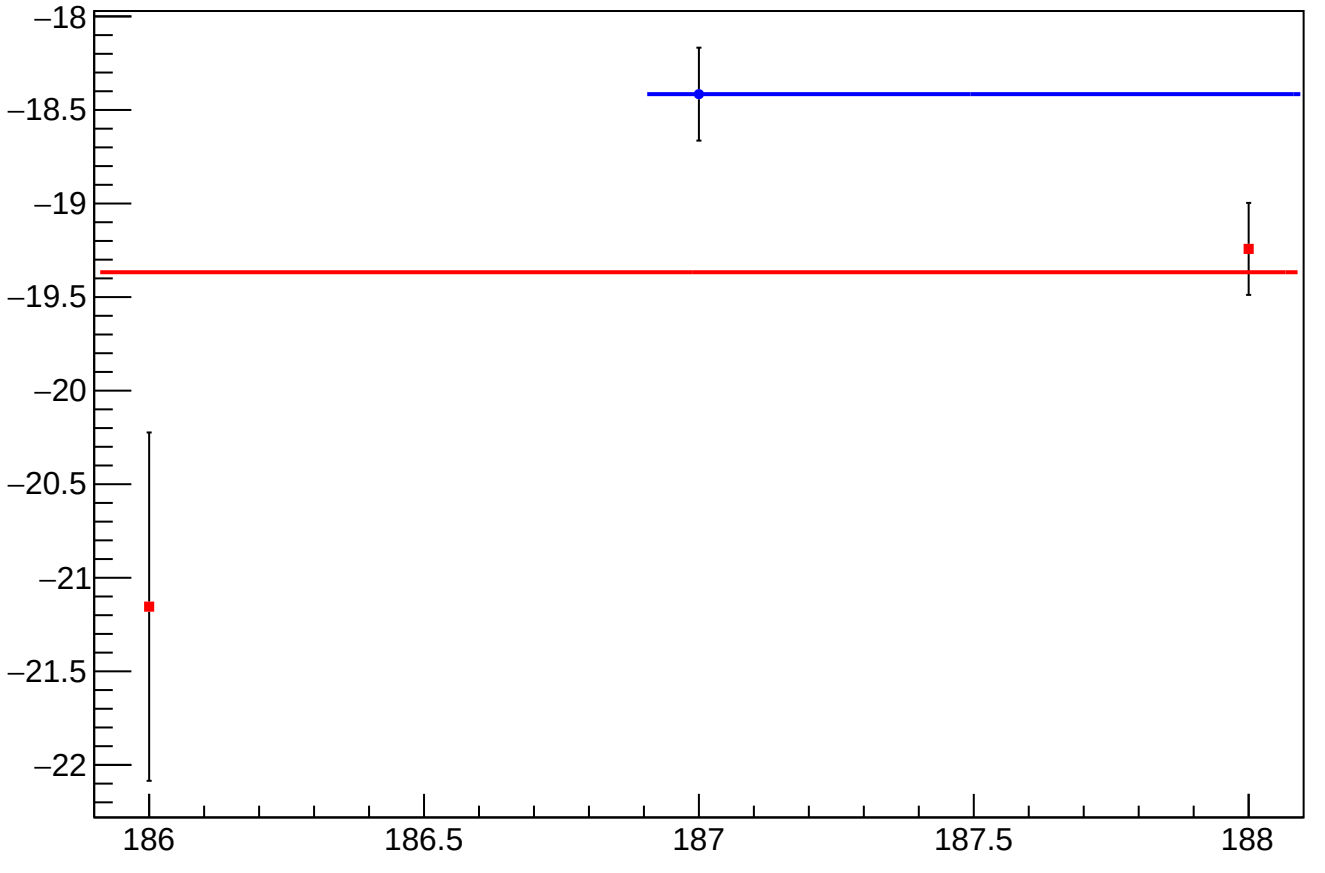
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.959+/-3.167 χ^2/NDF: 3.8/2

In: -1.293+/-4.409 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.959+/-3.167 χ^2/NDF: 3.8/2



Right In: -18.415+/-0.248 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.367+/-0.238 χ^2/NDF: 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

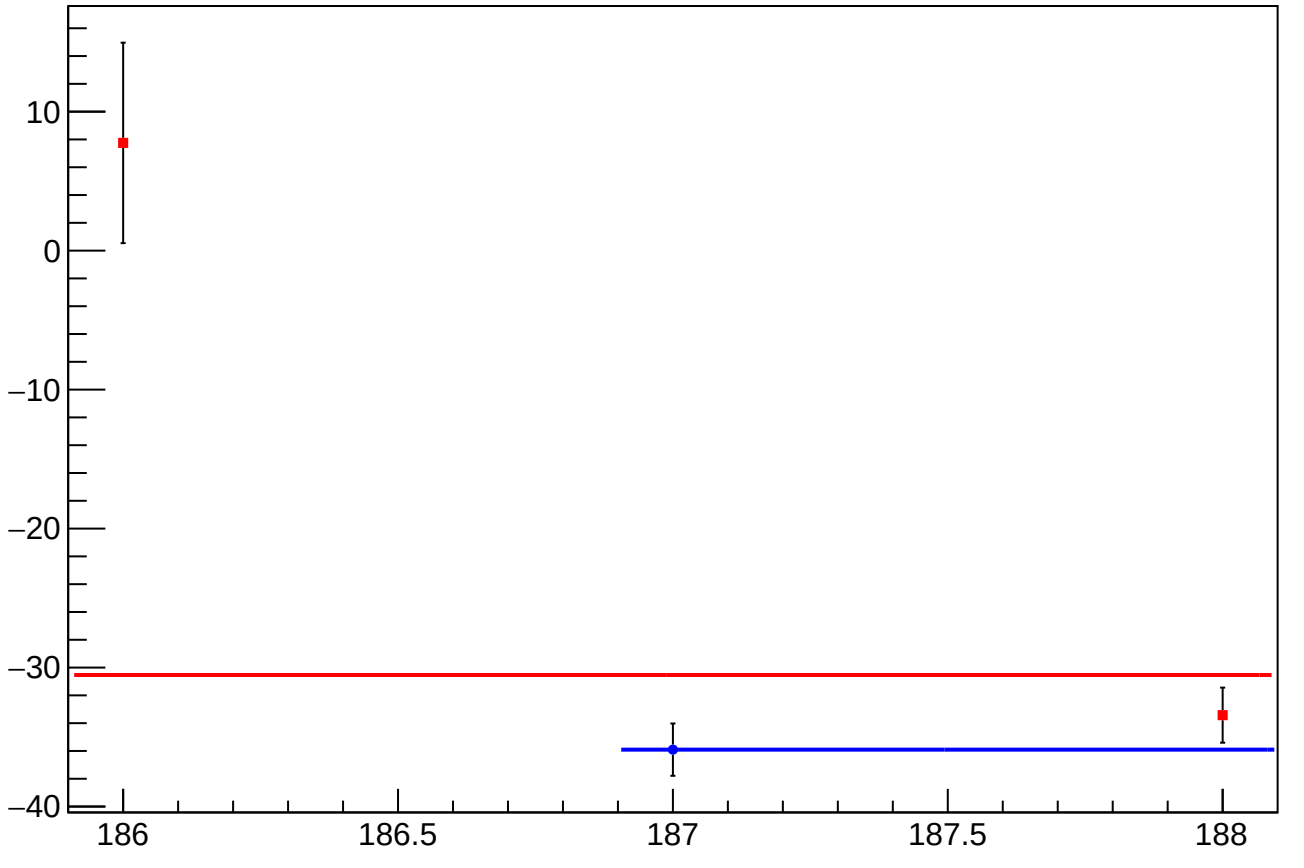
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -18.912+/-0.172 χ^2/NDF: 11.6/2

In: -18.415+/-0.248 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -18.912+/-0.172 χ^2/NDF: 11.6/2



Right In: -35.906+/-1.881 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -30.534+/-1.911 χ^2/NDF: 30.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

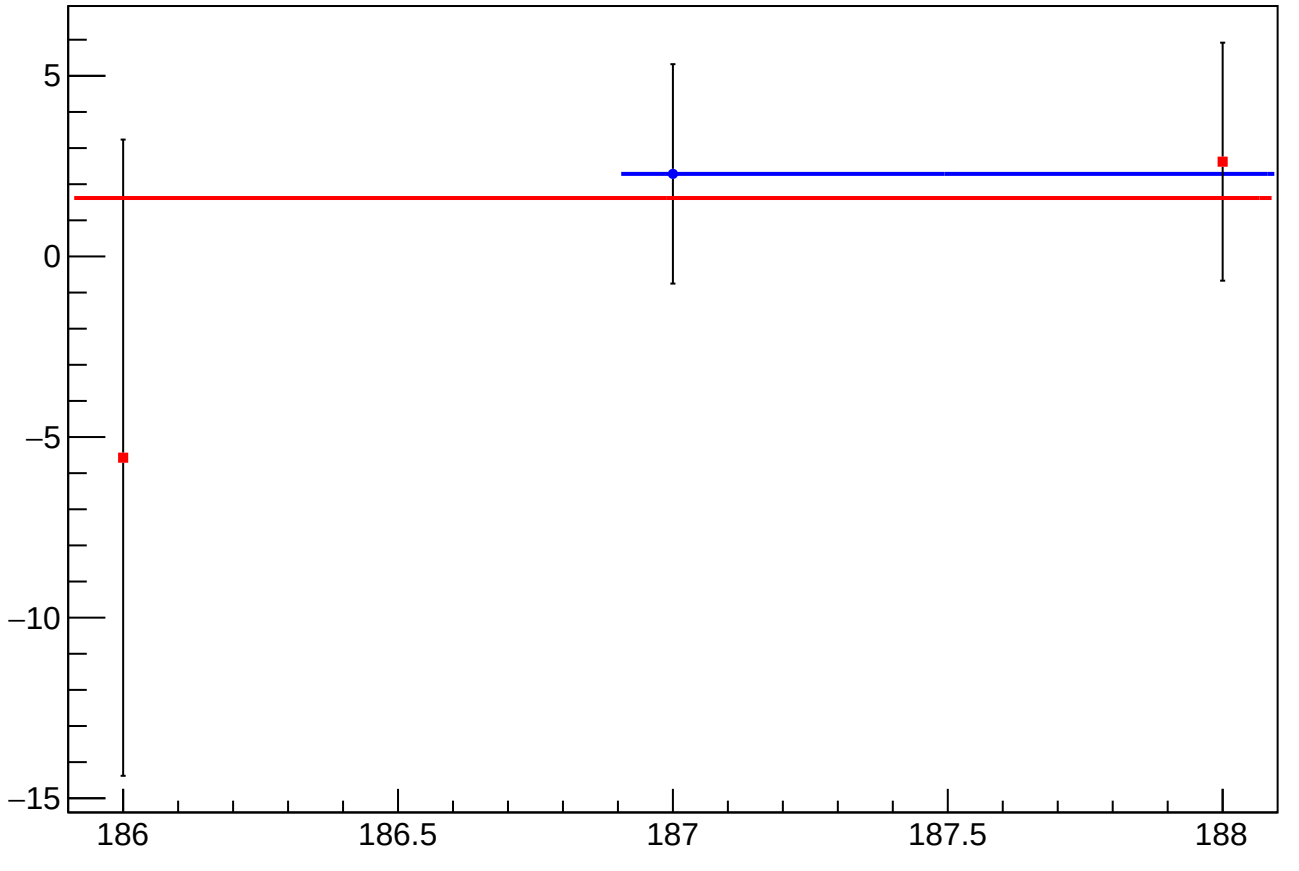
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -33.261+/-1.341 χ^2/NDF: 34.3/2

In: -35.906+/-1.881 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -33.261+/-1.341 χ^2/NDF: 34.3/2



Right In: 2.285+/-3.037 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.618+/-3.086 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

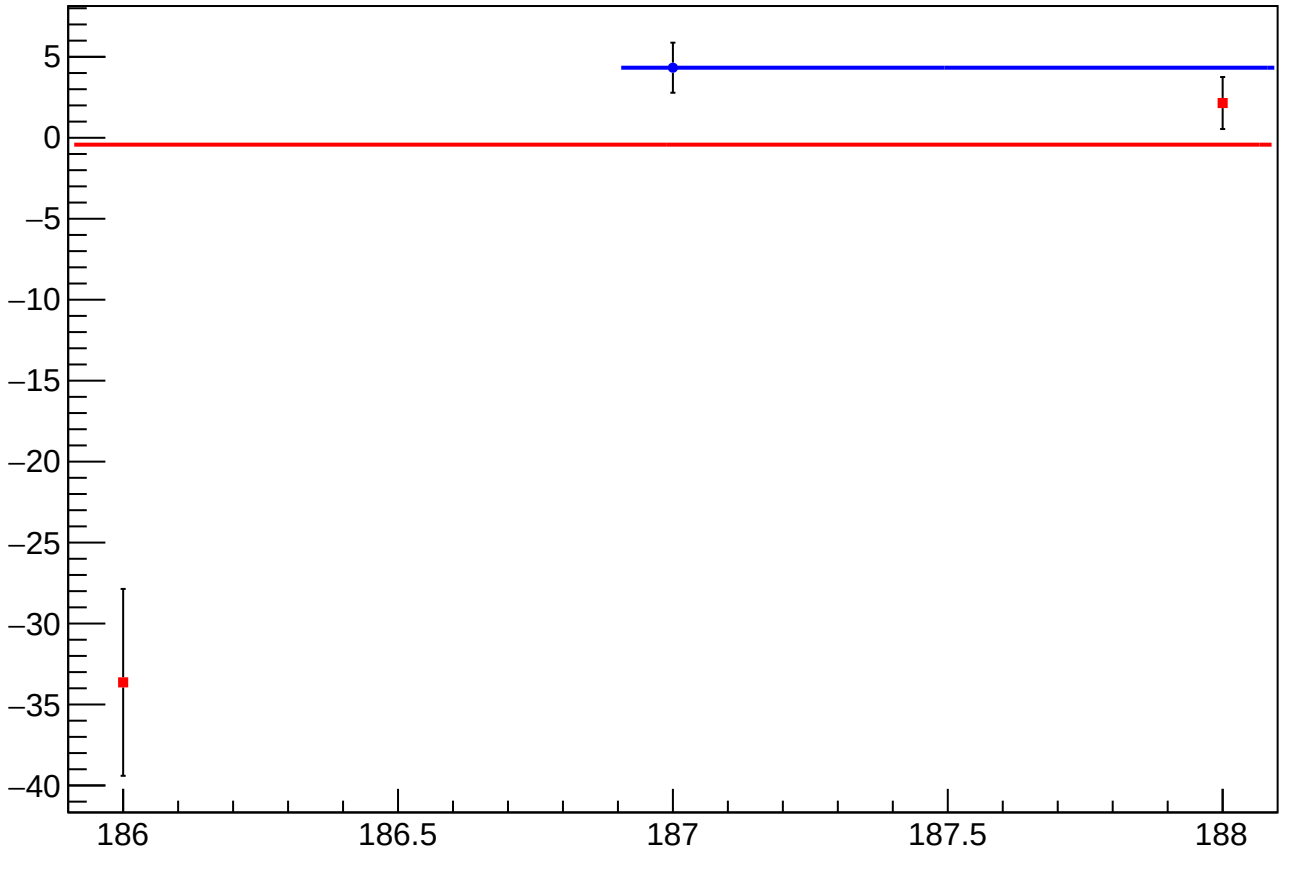
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.957+/-2.165 χ^2/NDF: 0.8/2

In: 2.285+/-3.037 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.957+/-2.165 χ^2/NDF: 0.8/2



Right In: 4.329+/-1.546 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.424+/-1.547 χ^2/NDF: 35.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

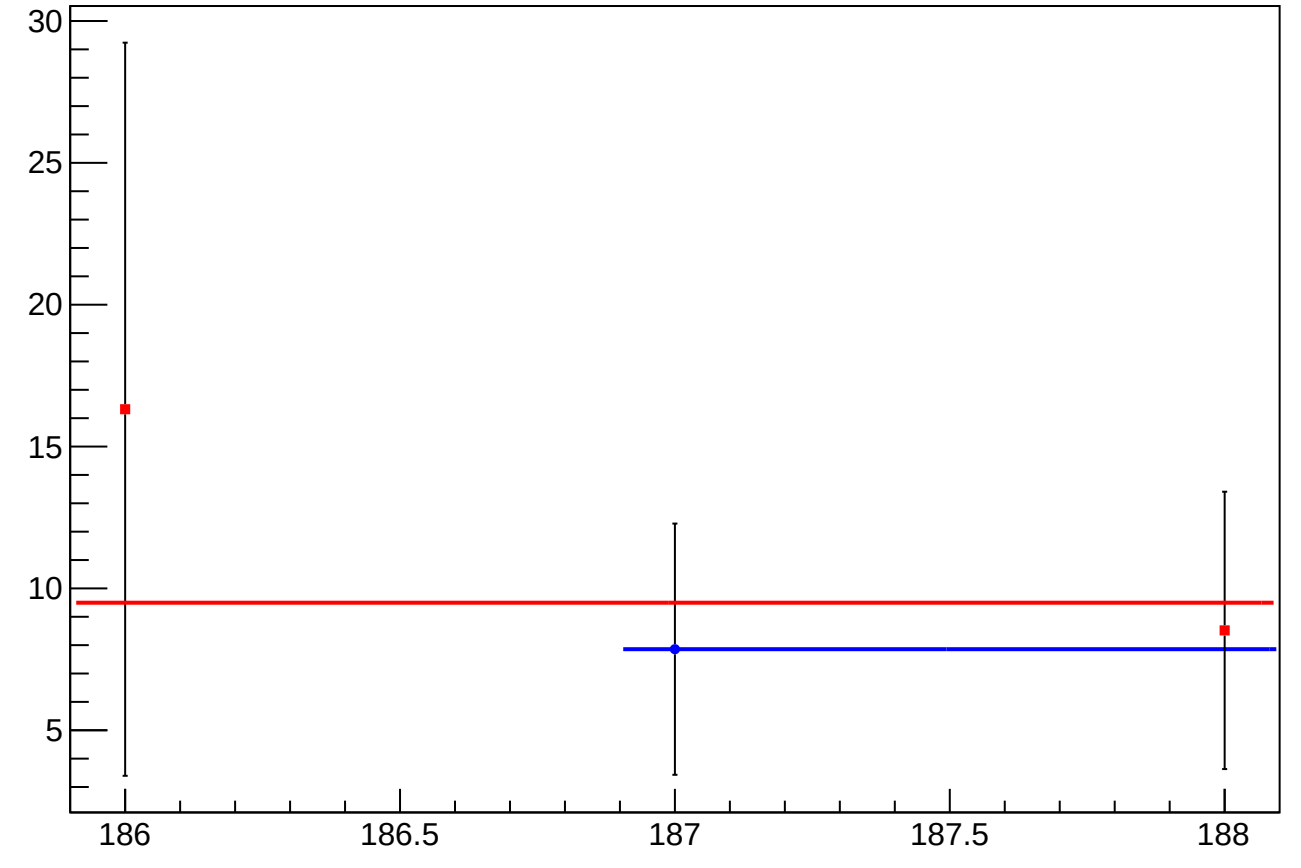
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.954+/-1.094 χ^2/NDF: 40.4/2

In: 4.329+/-1.546 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.954+/-1.094 χ^2/NDF: 40.4/2



Right In: 7.857+/-4.427 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.496+/-4.572 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

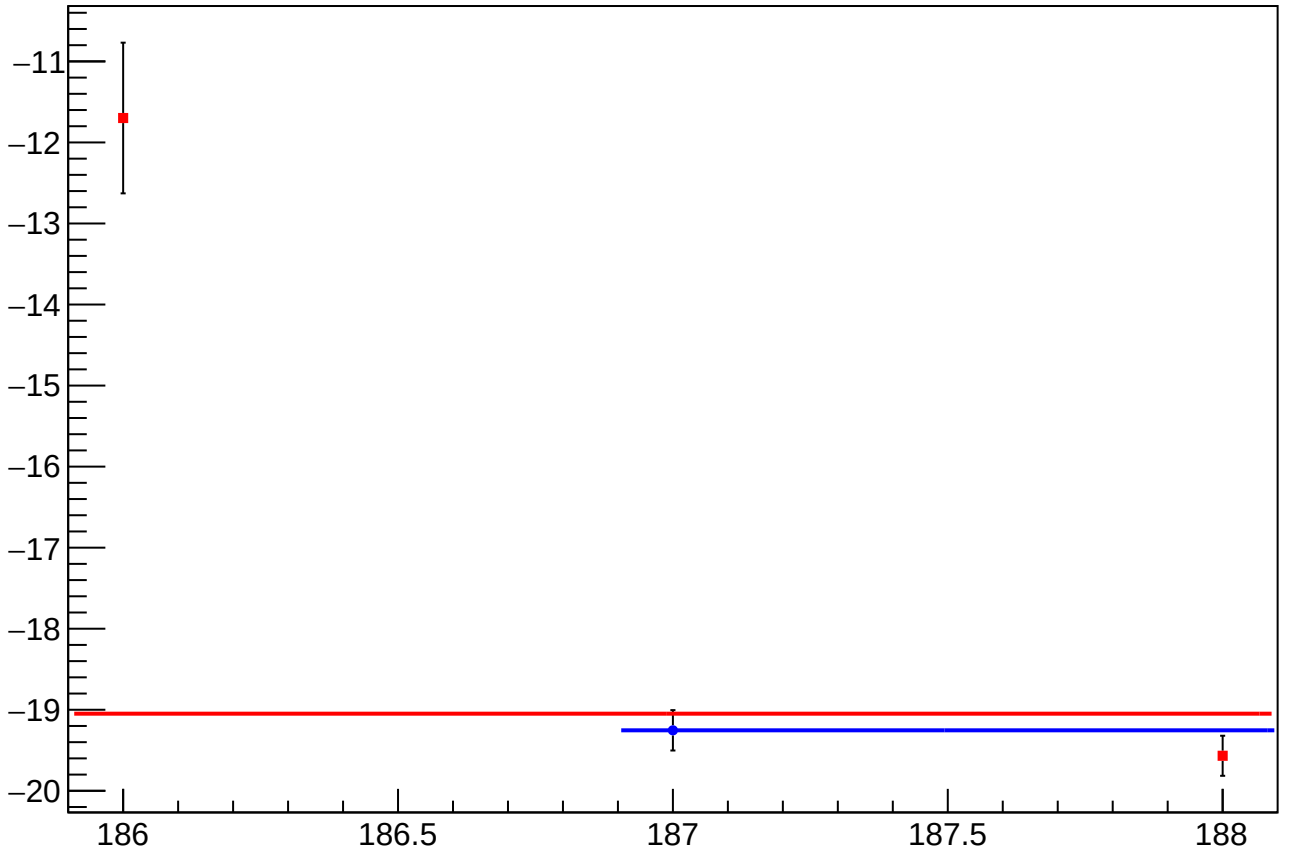
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.650+/-3.181 χ^2/NDF: 0.4/2

In: 7.857+/-4.427 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.650+/-3.181 χ^2/NDF: 0.4/2



Right In: -19.254+/-0.249 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.048+/-0.239 χ^2/NDF: 66.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

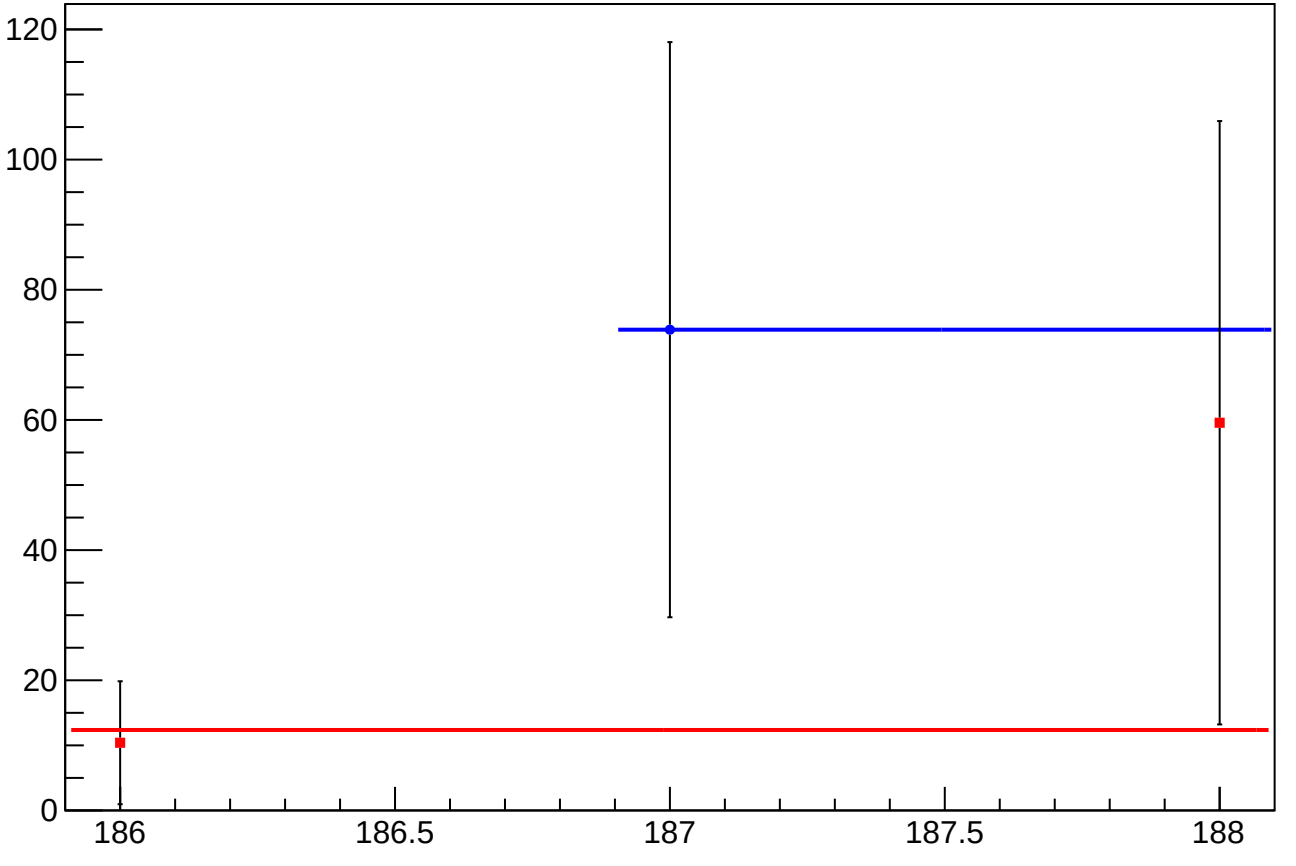
Right: -19.147+/-0.172 χ^2/NDF: 67.3/2

In: -19.254+/-0.249 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.147+/-0.172 χ^2/NDF: 67.3/2

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 73.867+/-44.183 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.365+/-9.257 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

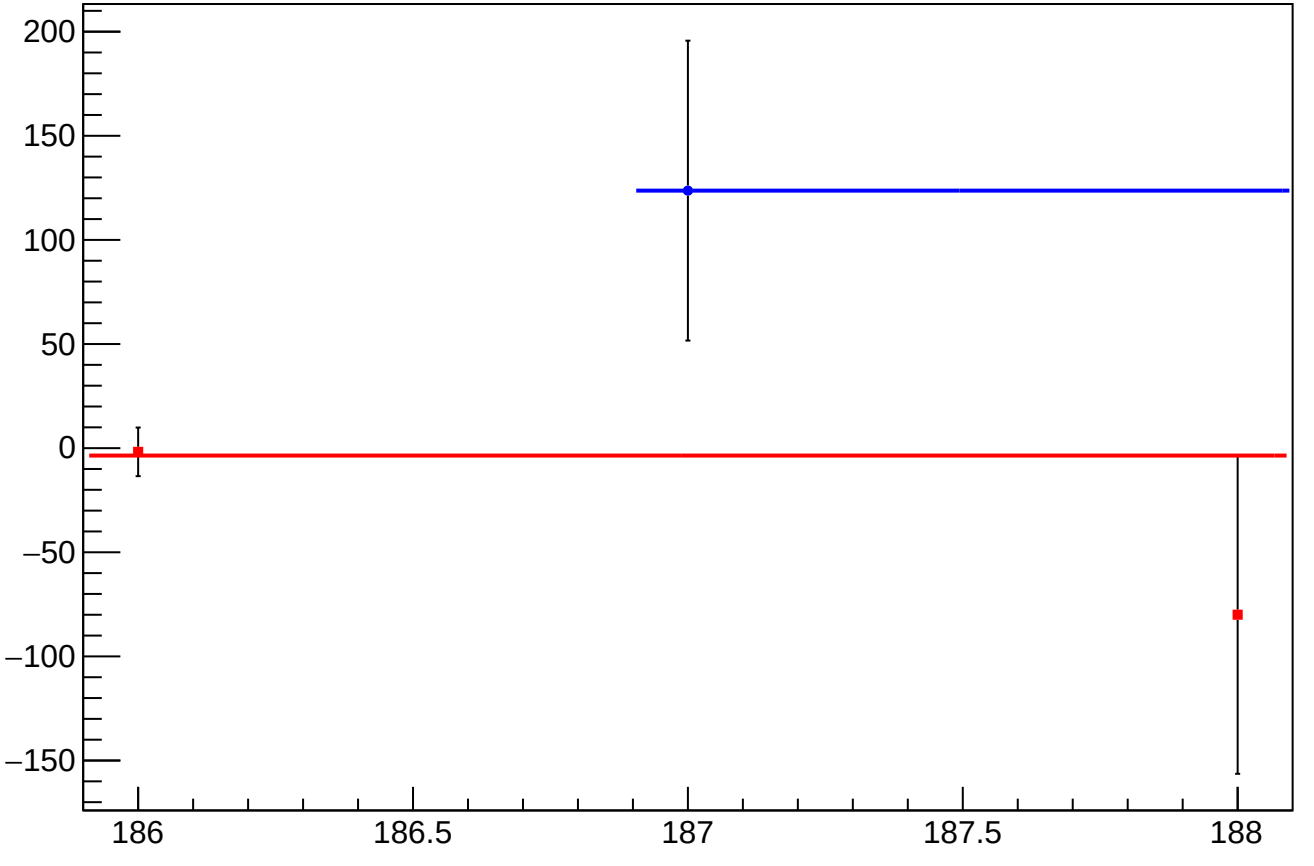
Right: 14.951+/-9.060 χ^2/NDF: 2.9/2

In: 73.867+/-44.183 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 14.951+/-9.060 χ^2/NDF: 2.9/2

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 123.670+/-72.009 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.556+/-11.535 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

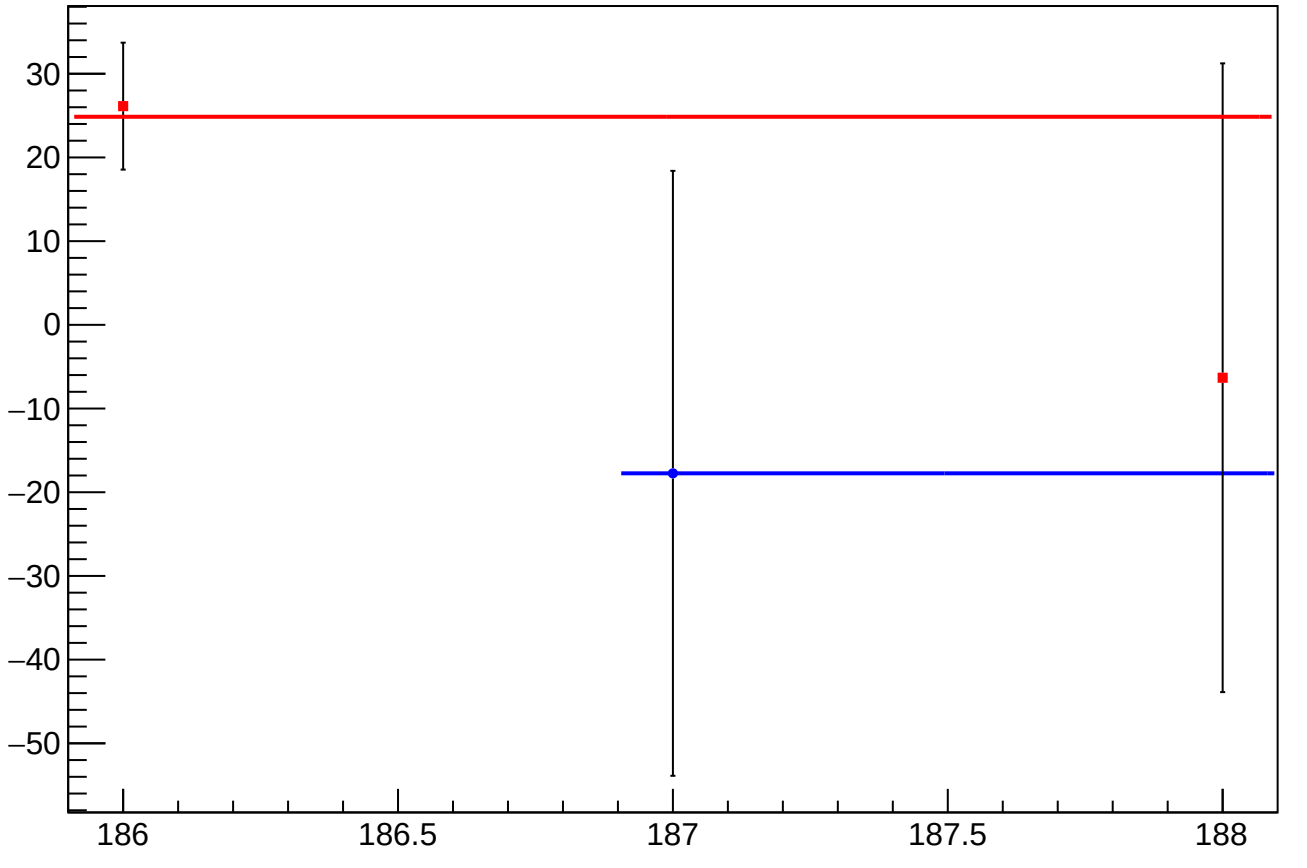
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.373+/-11.390 χ^2/NDF: 4.1/2

In: 123.670+/-72.009 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.373+/-11.390 χ^2/NDF: 4.1/2



Right In: -17.741+/-36.139 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 24.861+/-7.433 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

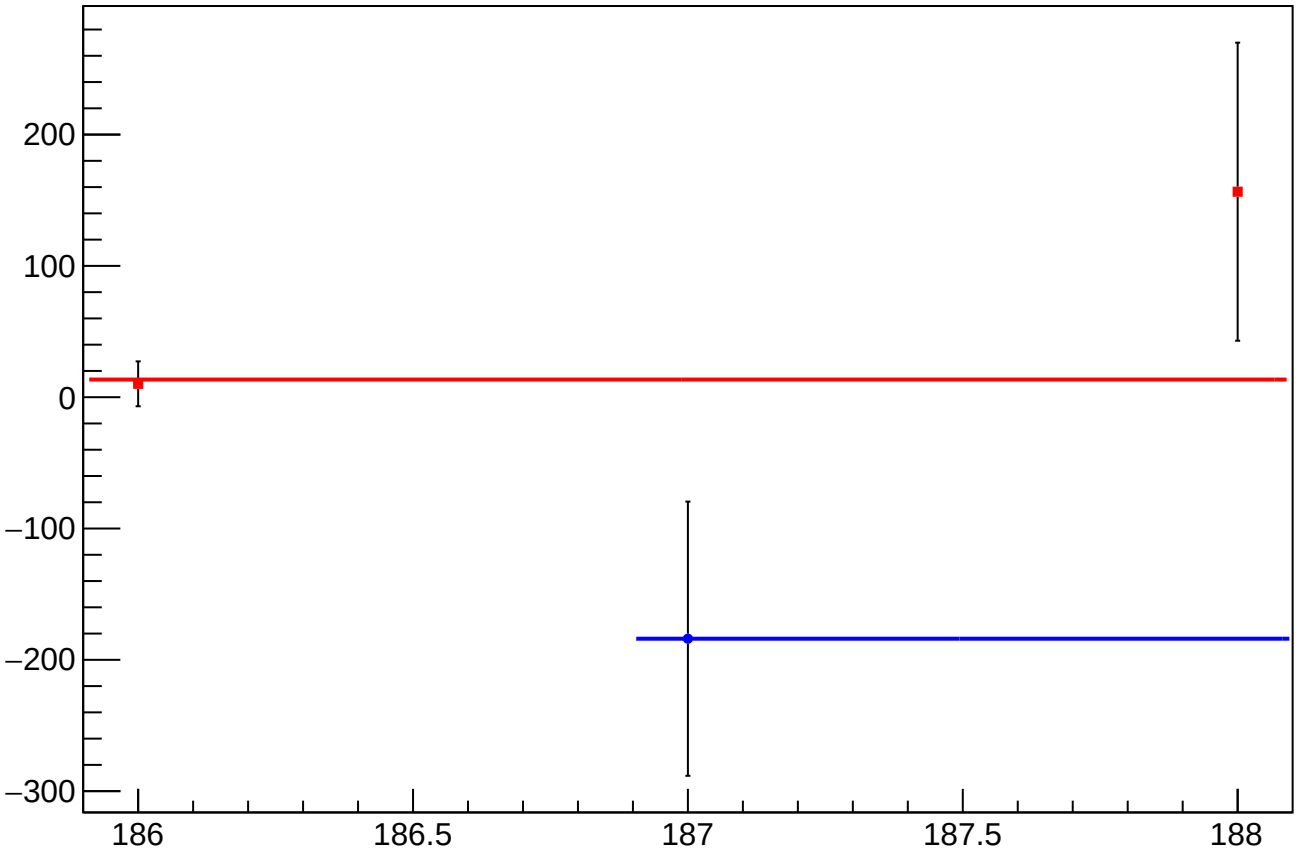
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 23.132+/-7.280 χ^2/NDF: 2.1/2

In: -17.741+/-36.139 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 23.132+/-7.280 χ^2/NDF: 2.1/2



Right In: -183.905+/-104.403 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.444+/-16.899 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

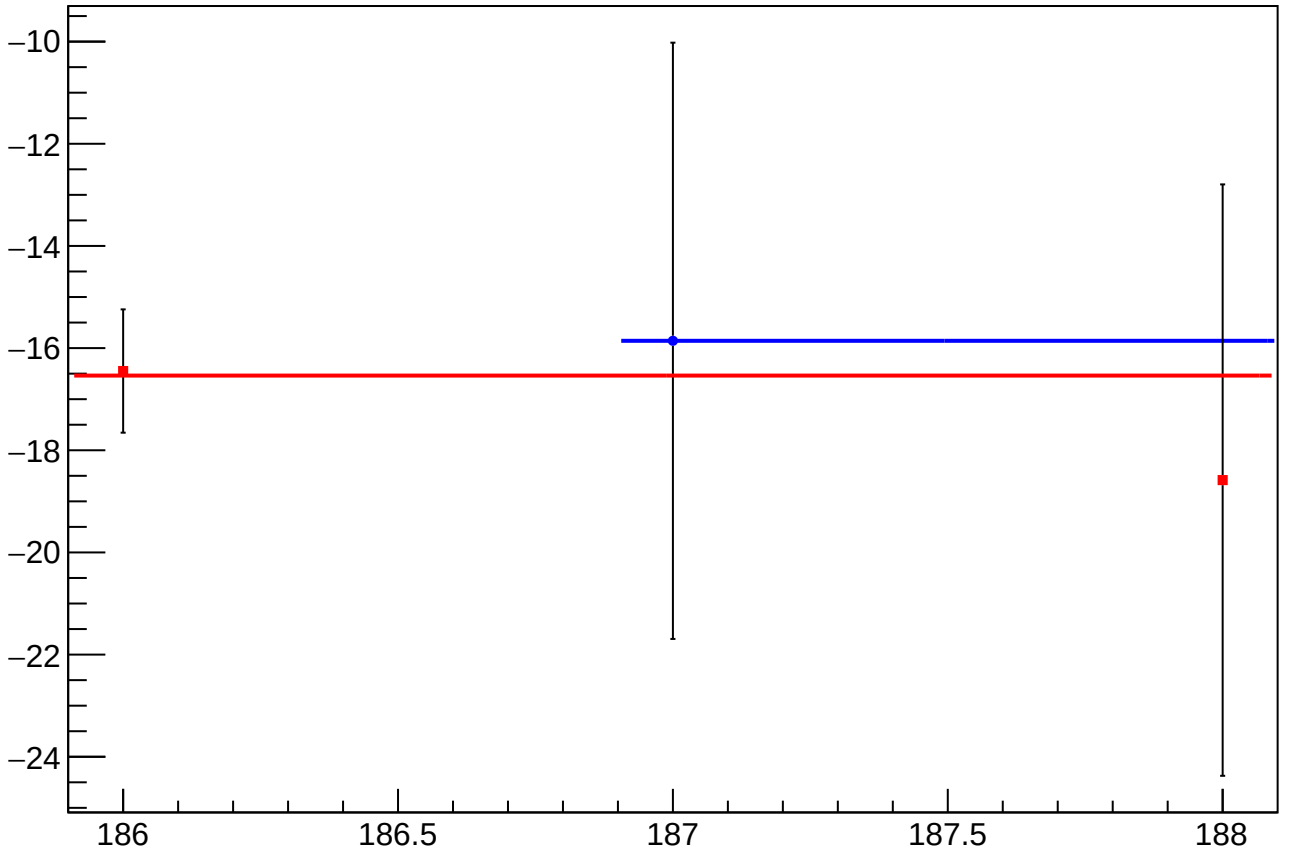
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.405+/-16.682 χ^2/NDF: 5.1/2

In: -183.905+/-104.403 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.405+/-16.682 χ^2/NDF: 5.1/2



Right In: -15.857+/-5.836 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -16.538+/-1.181 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

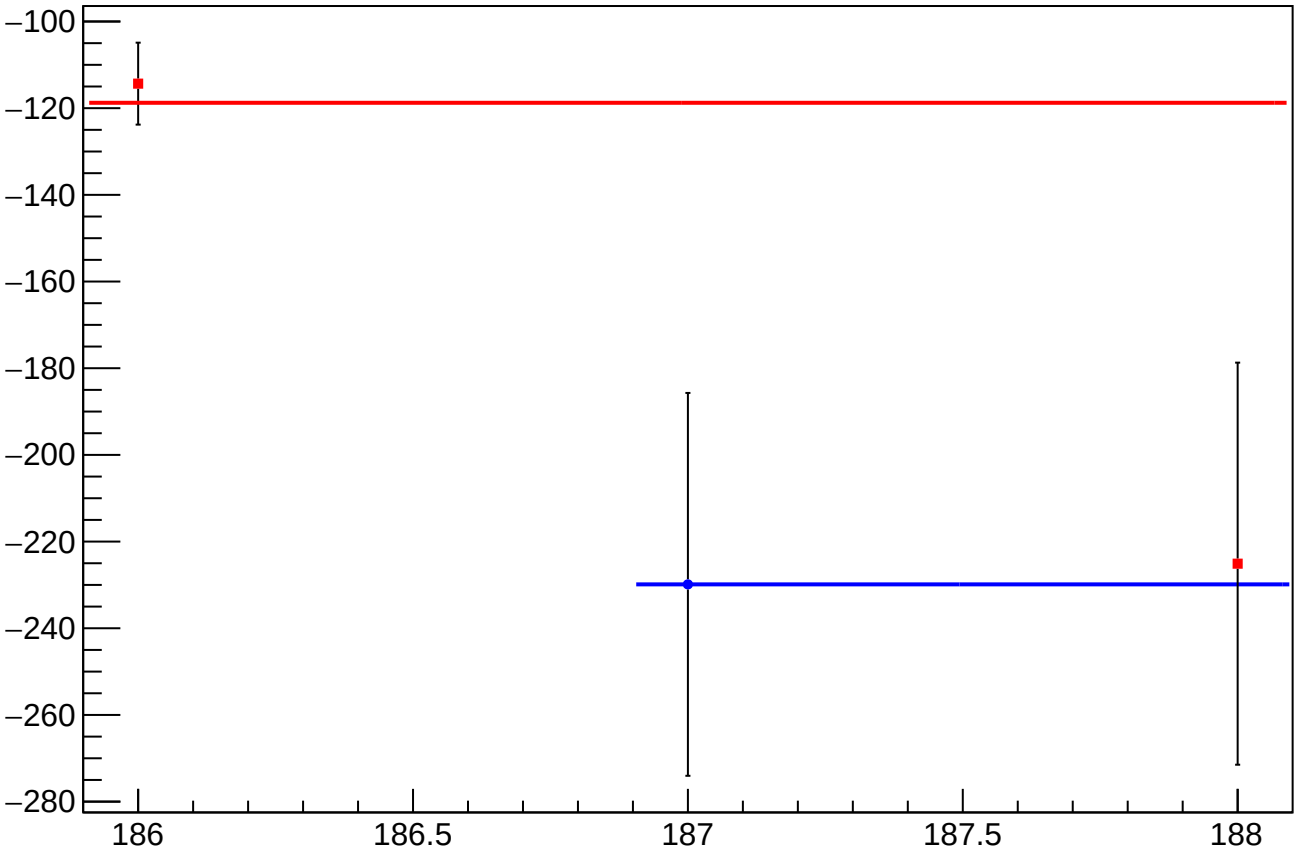
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

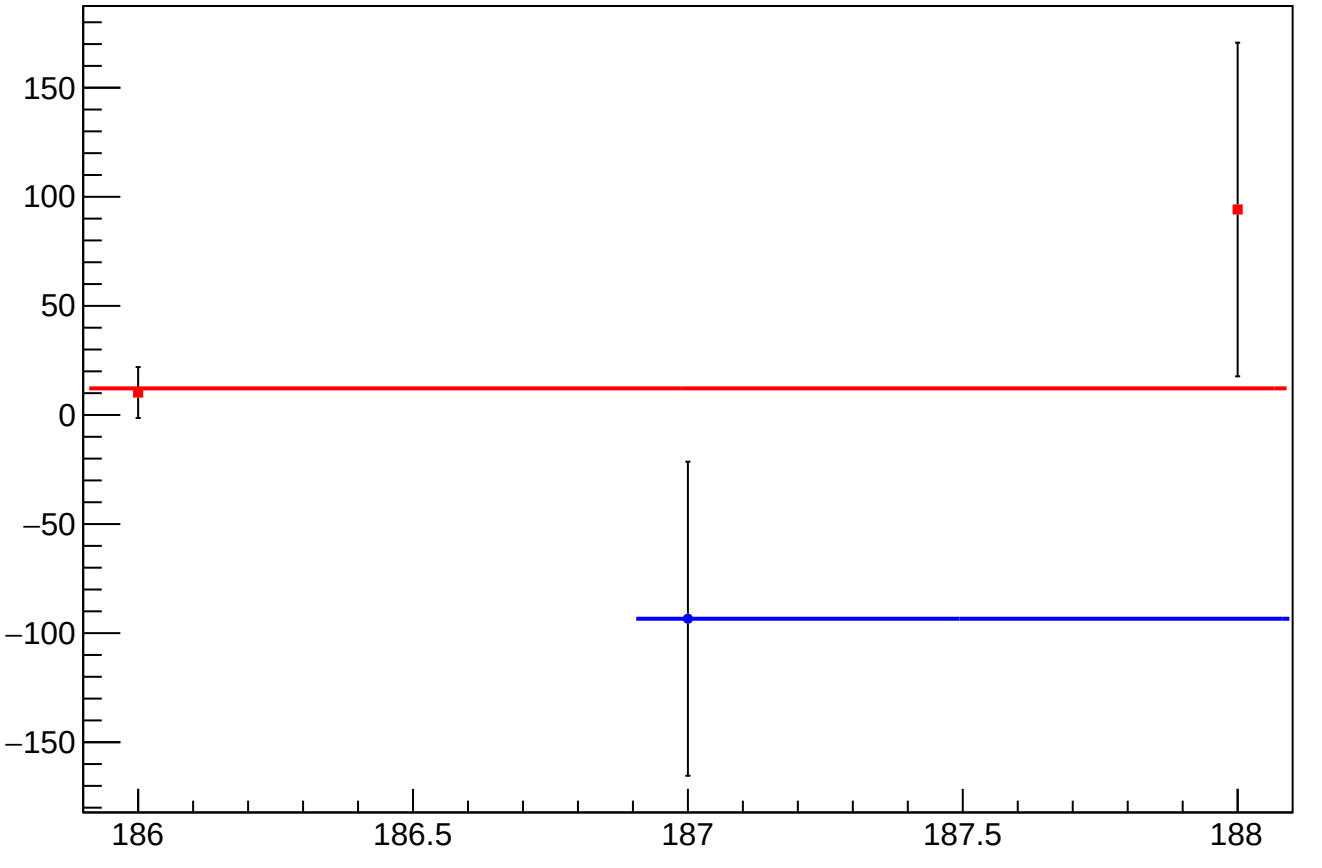
Right: -16.511+/-1.158 χ^2/NDF: 0.1/2

In: -15.857+/-5.836 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -16.511+/-1.158 χ^2/NDF: 0.1/2


reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected
−100
−120
−140
−160
−180
−200
−220
−240
−260
−280
186
186.5
187
187.5
188
Right In: -229.874+/-44.169 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -118.758+/-9.263 χ²/NDF: 5.5/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -123.439+/-9.066 χ²/NDF: 11.5/2
In: -229.874+/-44.169 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -123.439+/-9.066 χ²/NDF: 11.5/2



Right In: -93.397+/-71.989 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.194+/-11.544 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

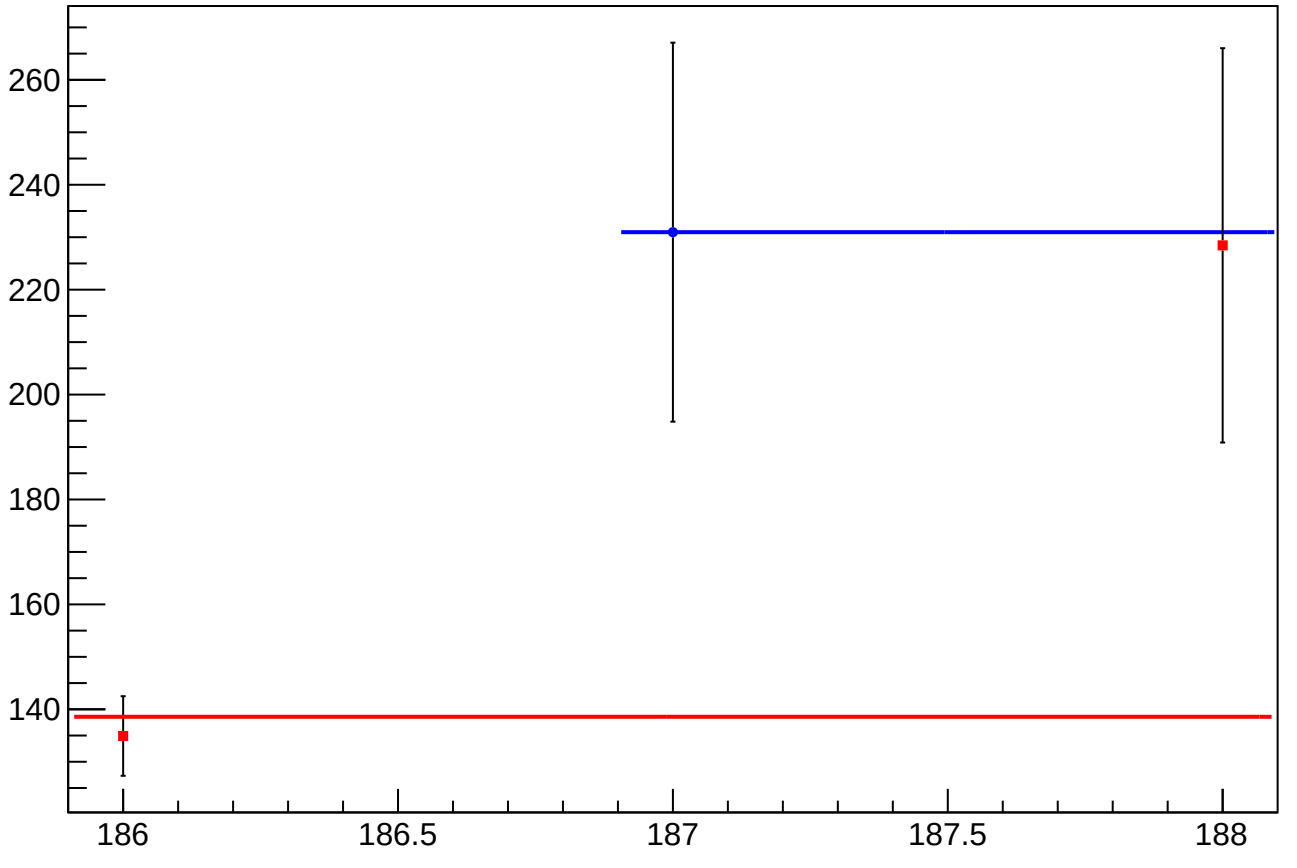
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9.547+/-11.398 χ^2/NDF: 3.3/2

In: -93.397+/-71.989 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.547+/-11.398 χ^2/NDF: 3.3/2



Right In: 230.960+/-36.127 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 138.575+/-7.438 χ^2/NDF: 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

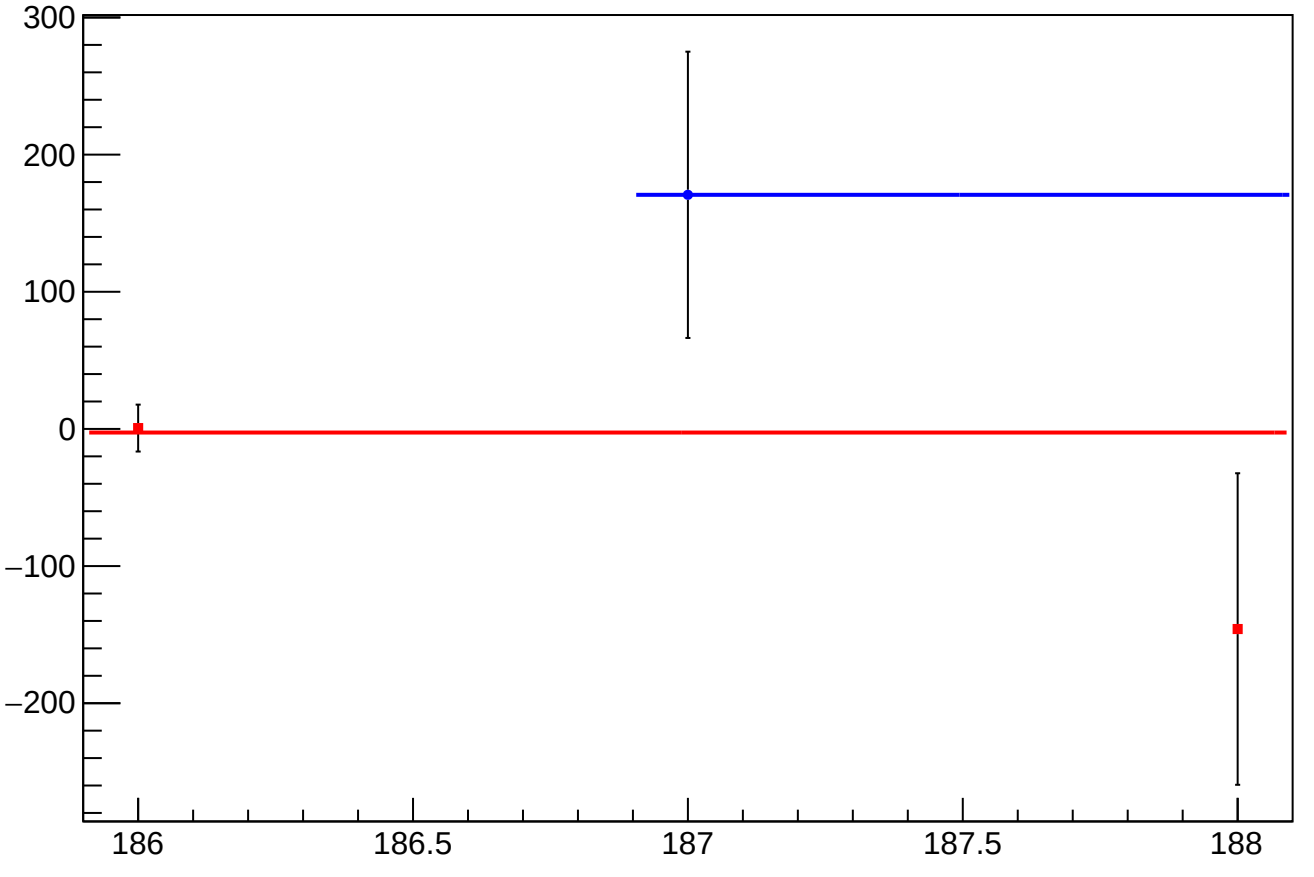
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 142.331+/-7.285 χ^2/NDF: 12.2/2

In: 230.960+/-36.127 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 142.331+/-7.285 χ^2/NDF: 12.2/2



Right In: 170.694+/-104.375 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.635+/-16.912 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

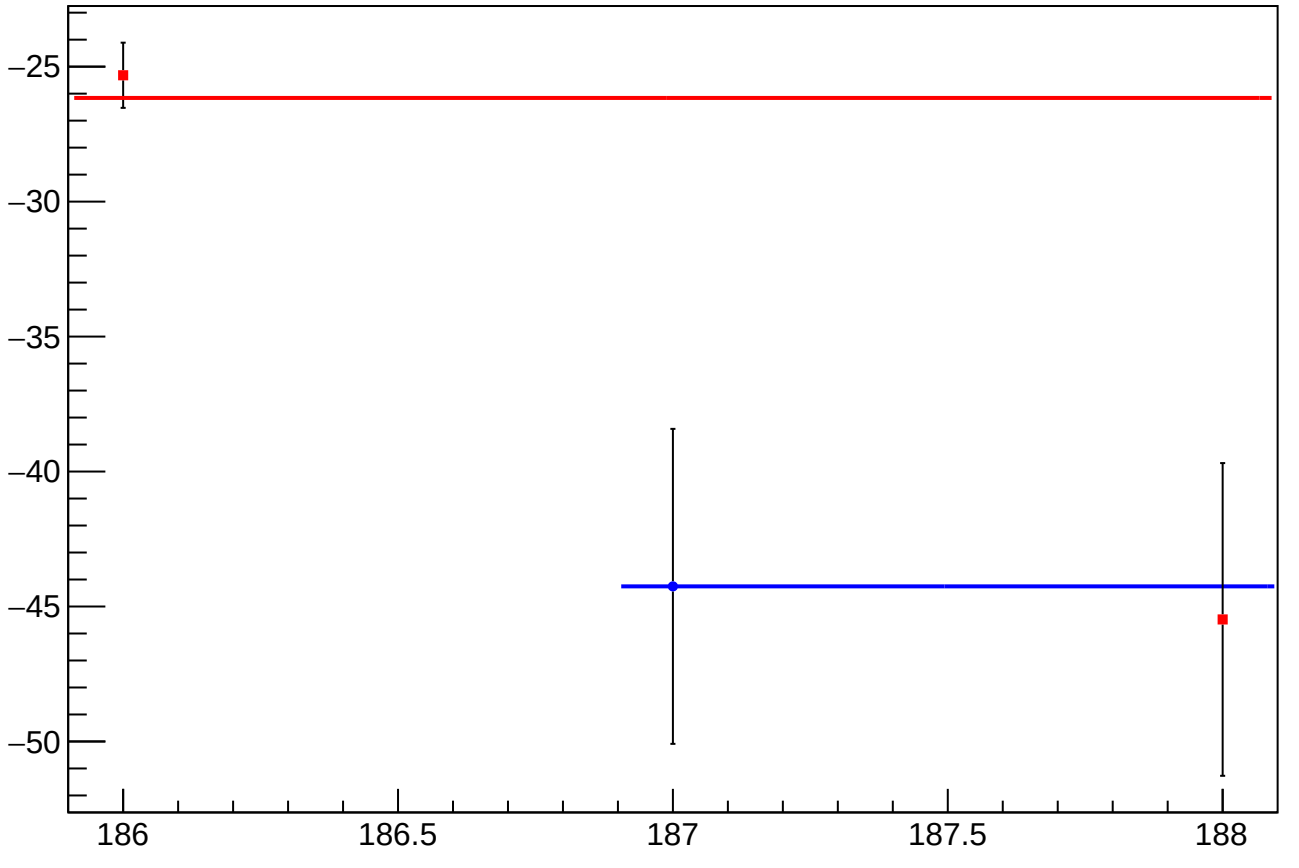
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.799+/-16.694 χ^2/NDF: 4.3/2

In: 170.694+/-104.375 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.799+/-16.694 χ^2/NDF: 4.3/2



Right In: -44.254+/-5.835 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.159+/-1.182 χ^2/NDF: 11.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

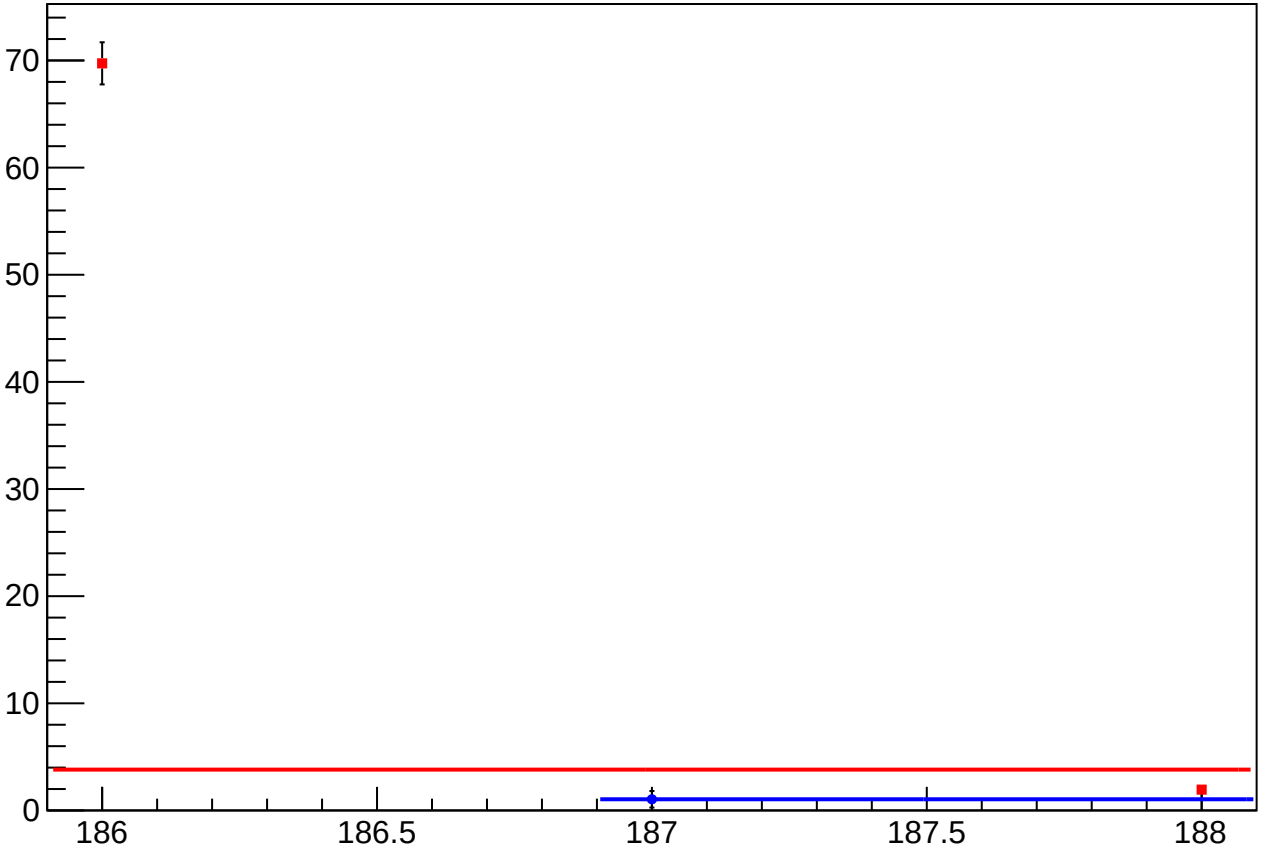
Right: -26.873+/-1.159 χ^2/NDF: 20.8/2

In: -44.254+/-5.835 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.873+/-1.159 χ^2/NDF: 20.8/2

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.044+/-0.771 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.812+/-0.327 χ^2/NDF: 1155.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

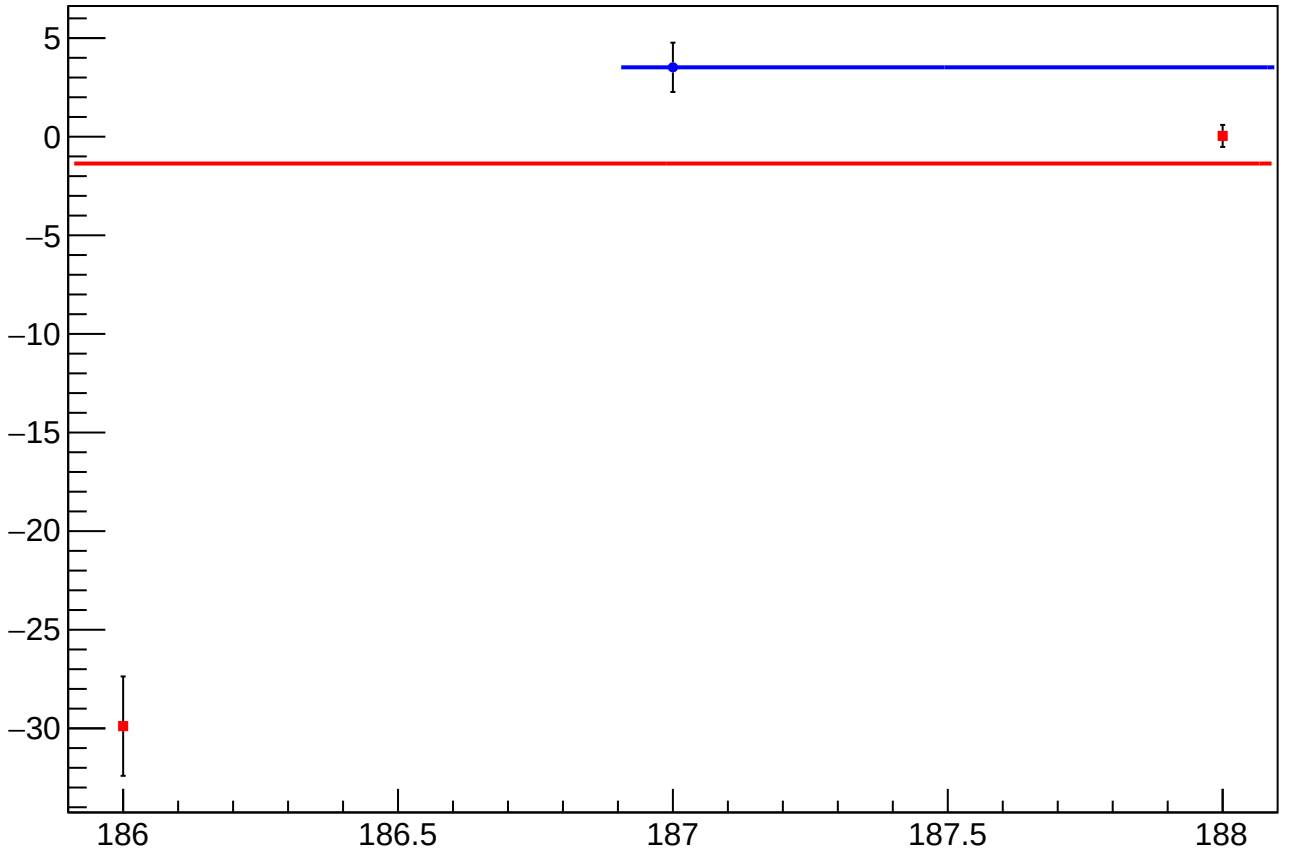
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.391+/-0.301 χ^2/NDF: 1166.0/2

In: 1.044+/-0.771 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.391+/-0.301 χ^2/NDF: 1166.0/2



Right In: 3.518+/-1.250 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.360+/-0.545 χ^2/NDF: 134.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

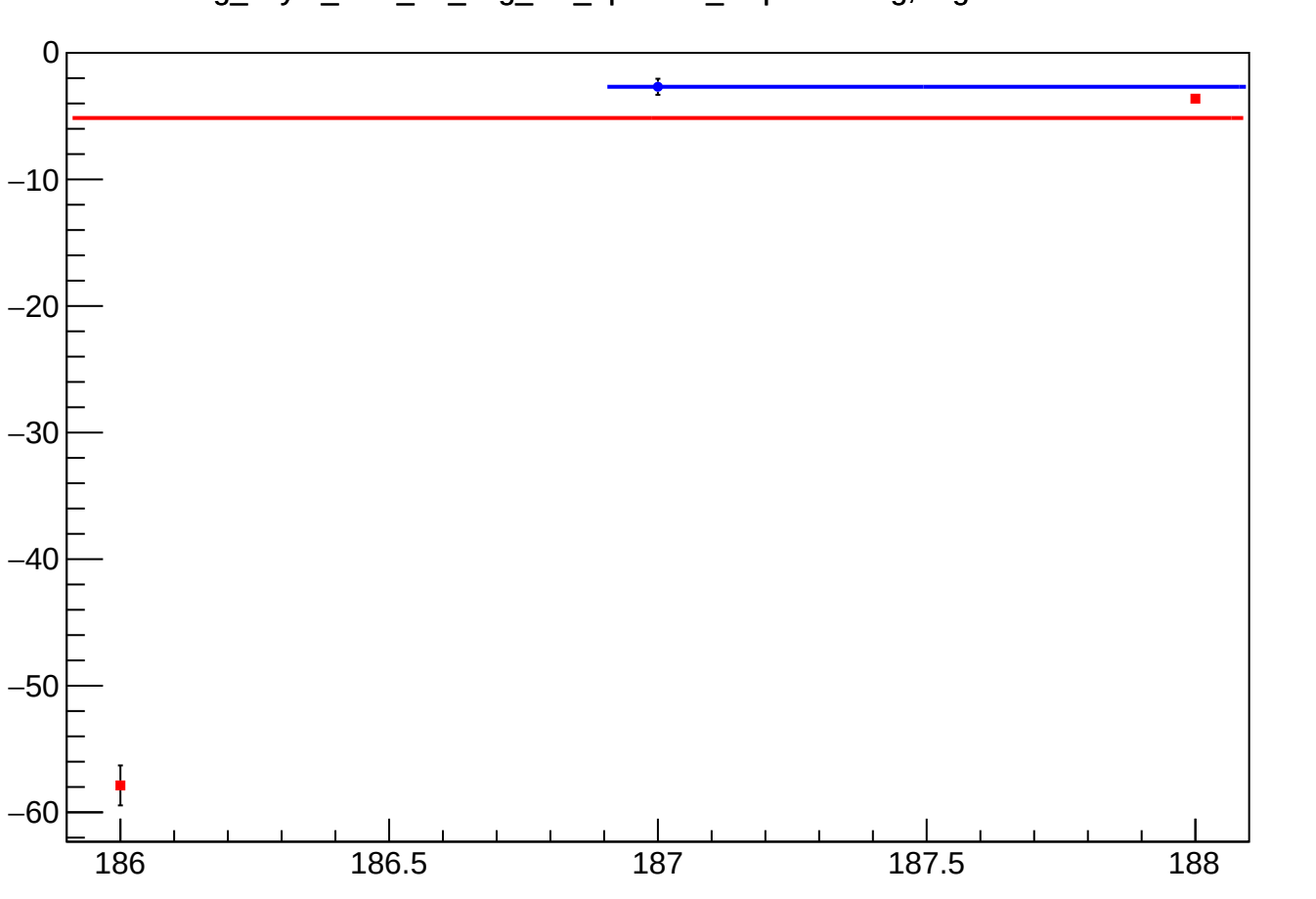
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.581+/-0.499 χ^2/NDF: 147.3/2

In: 3.518+/-1.250 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.581+/-0.499 χ^2/NDF: 147.3/2



Right In: -2.682+/-0.634 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.148+/-0.265 χ^2/NDF: 1148.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

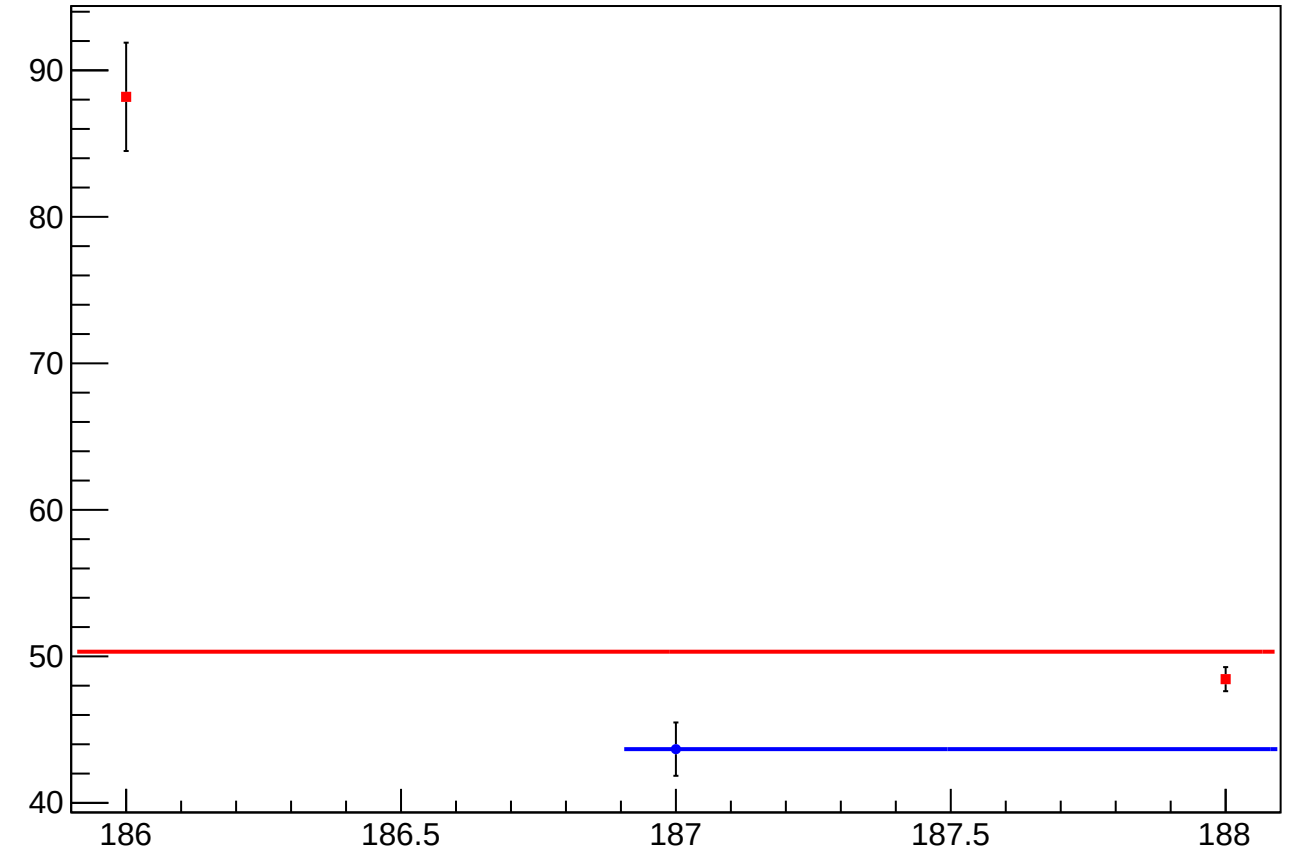
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.782+/-0.244 χ^2/NDF: 1160.9/2

In: -2.682+/-0.634 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.782+/-0.244 χ^2/NDF: 1160.9/2



Right In: 43.668+/-1.820 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.319+/-0.803 χ^2/NDF: 110.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

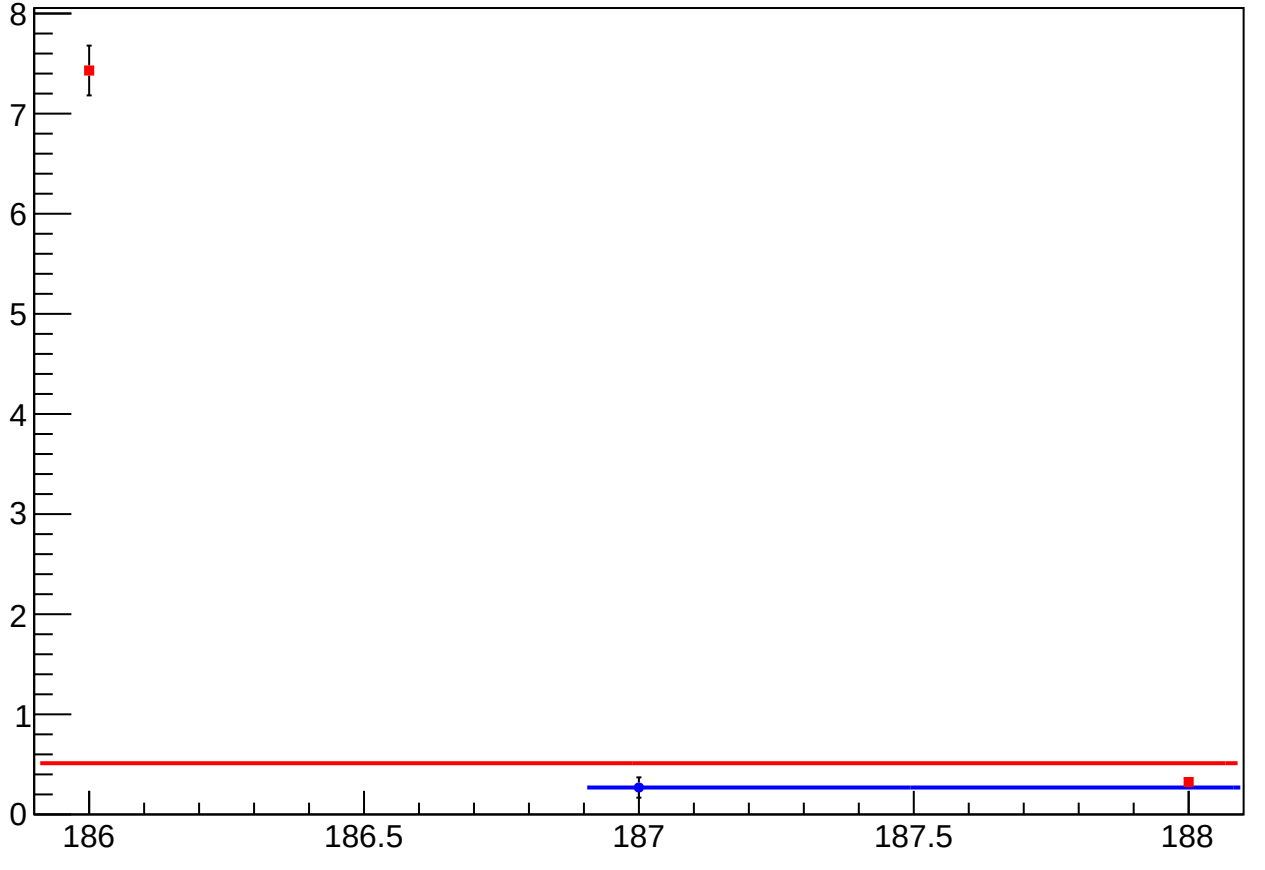
Right: 49.236+/-0.734 χ^2/NDF: 121.3/2

In: 43.668+/-1.820 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 49.236+/-0.734 χ^2/NDF: 121.3/2

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.269+/-0.101 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.512+/-0.040 χ^2/NDF: 795.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

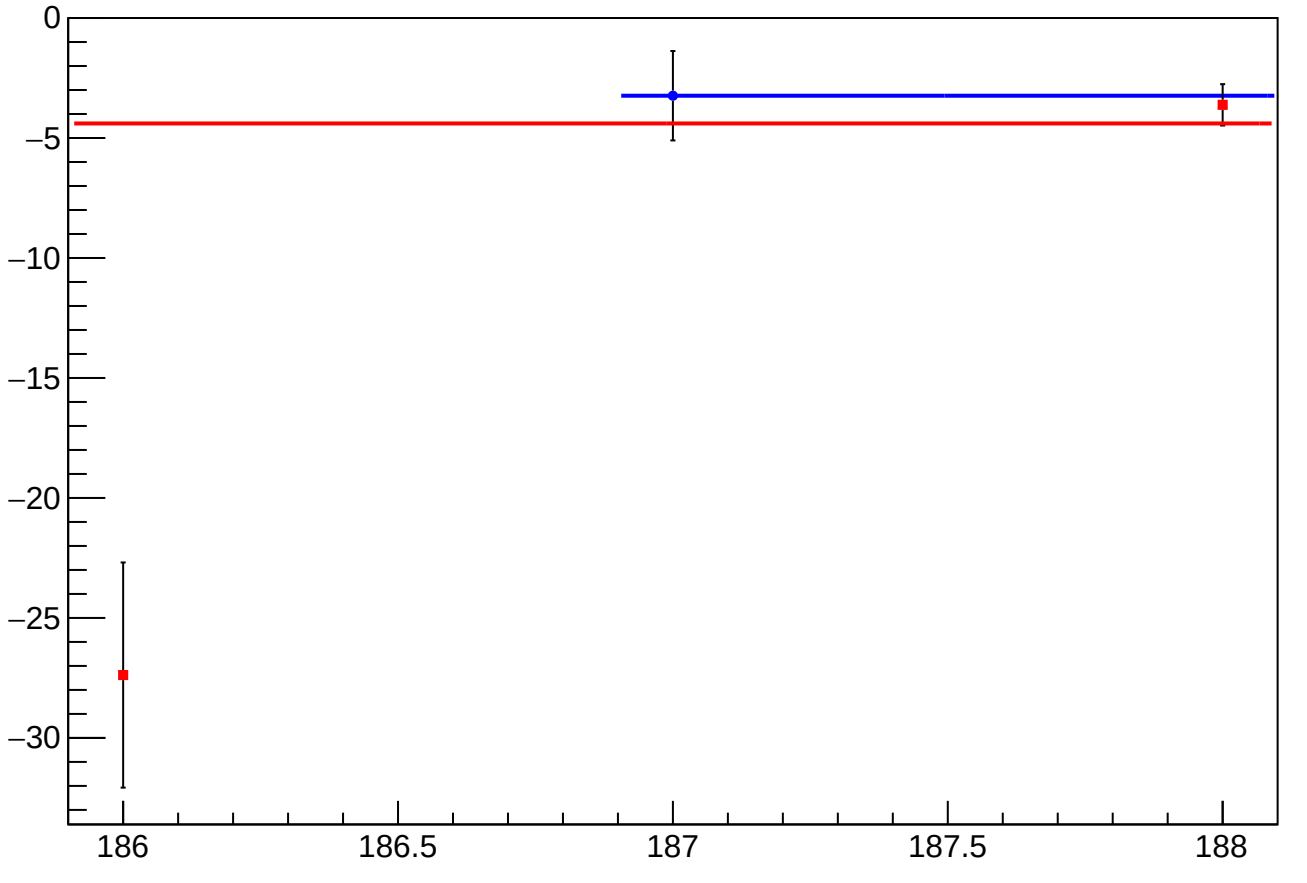
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.478+/-0.038 χ^2/NDF: 800.4/2

In: 0.269+/-0.101 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.478+/-0.038 χ^2/NDF: 800.4/2



Right In: -3.238+/-1.863 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.394+/-0.848 χ^2/NDF: 24.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

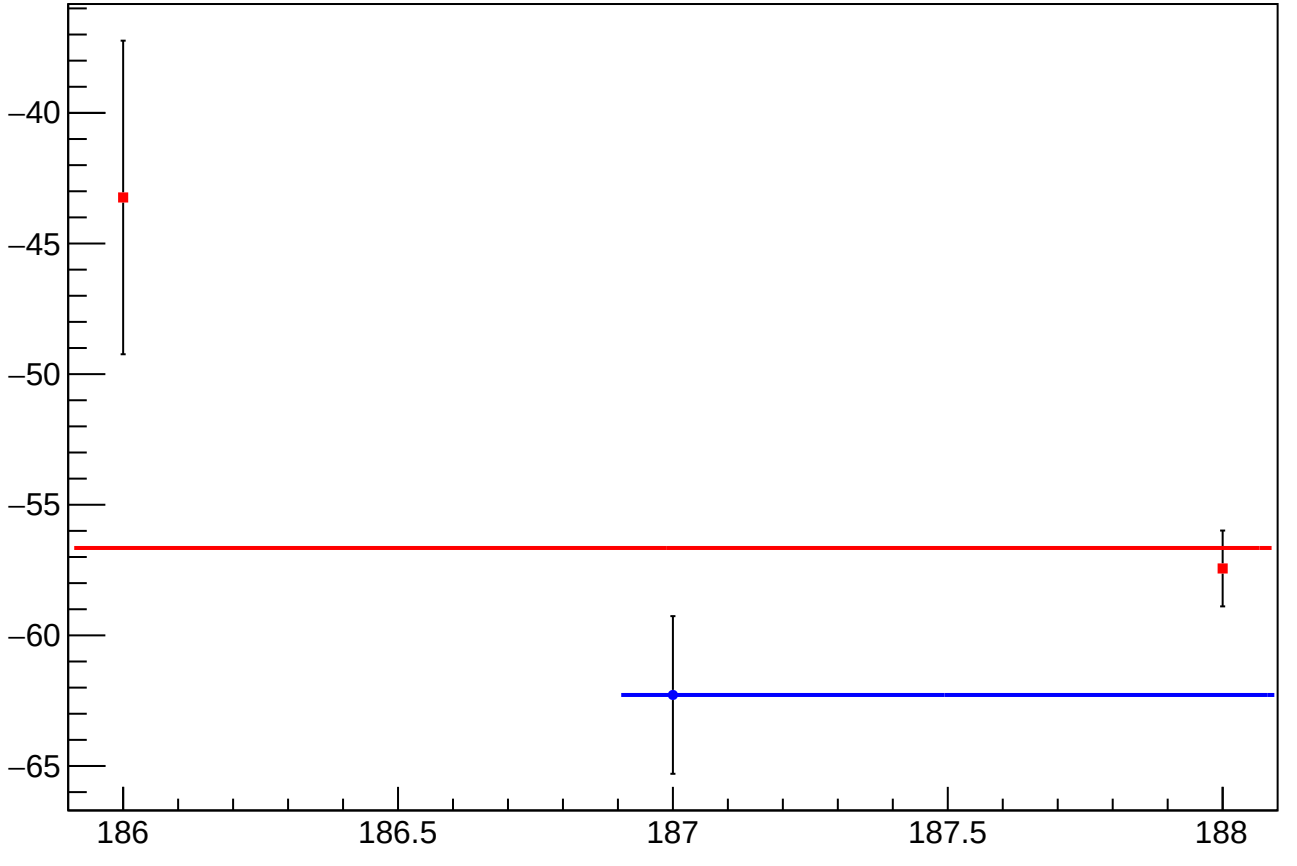
Right: -4.196+/-0.772 χ^2/NDF: 25.1/2

In: -3.238+/-1.863 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.196+/-0.772 χ^2/NDF: 25.1/2

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -62.281+/-3.018 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -56.654+/-1.411 χ^2/NDF: 5.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

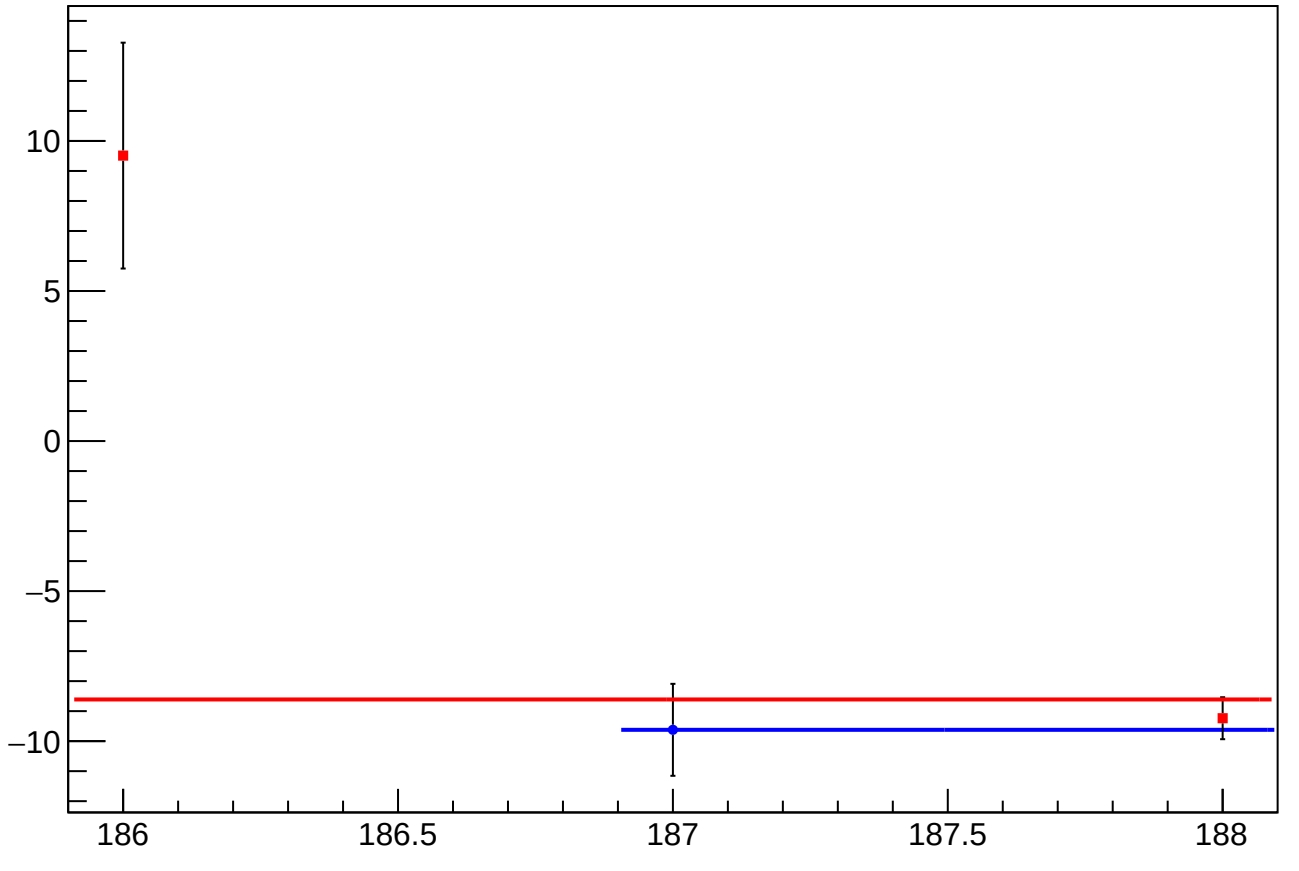
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -57.664+/-1.278 χ^2/NDF: 8.1/2

In: -62.281+/-3.018 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -57.664+/-1.278 χ^2/NDF: 8.1/2



Right In: -9.623+/-1.532 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.611+/-0.687 χ^2/NDF: 24.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

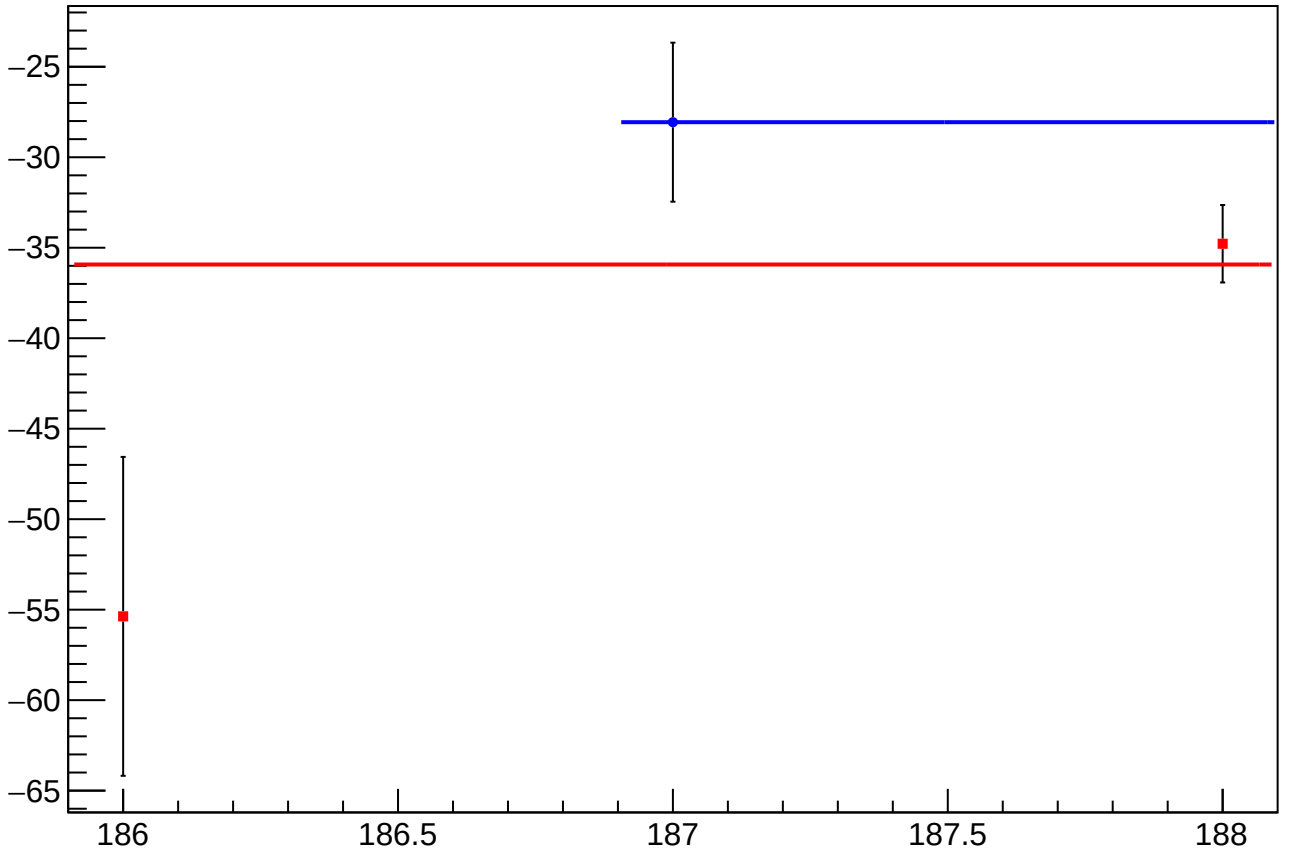
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.780+/-0.627 χ^2/NDF: 24.4/2

In: -9.623+/-1.532 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.780+/-0.627 χ^2/NDF: 24.4/2



Right In: -28.062+/-4.394 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -35.927+/-2.080 χ^2/NDF: 5.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

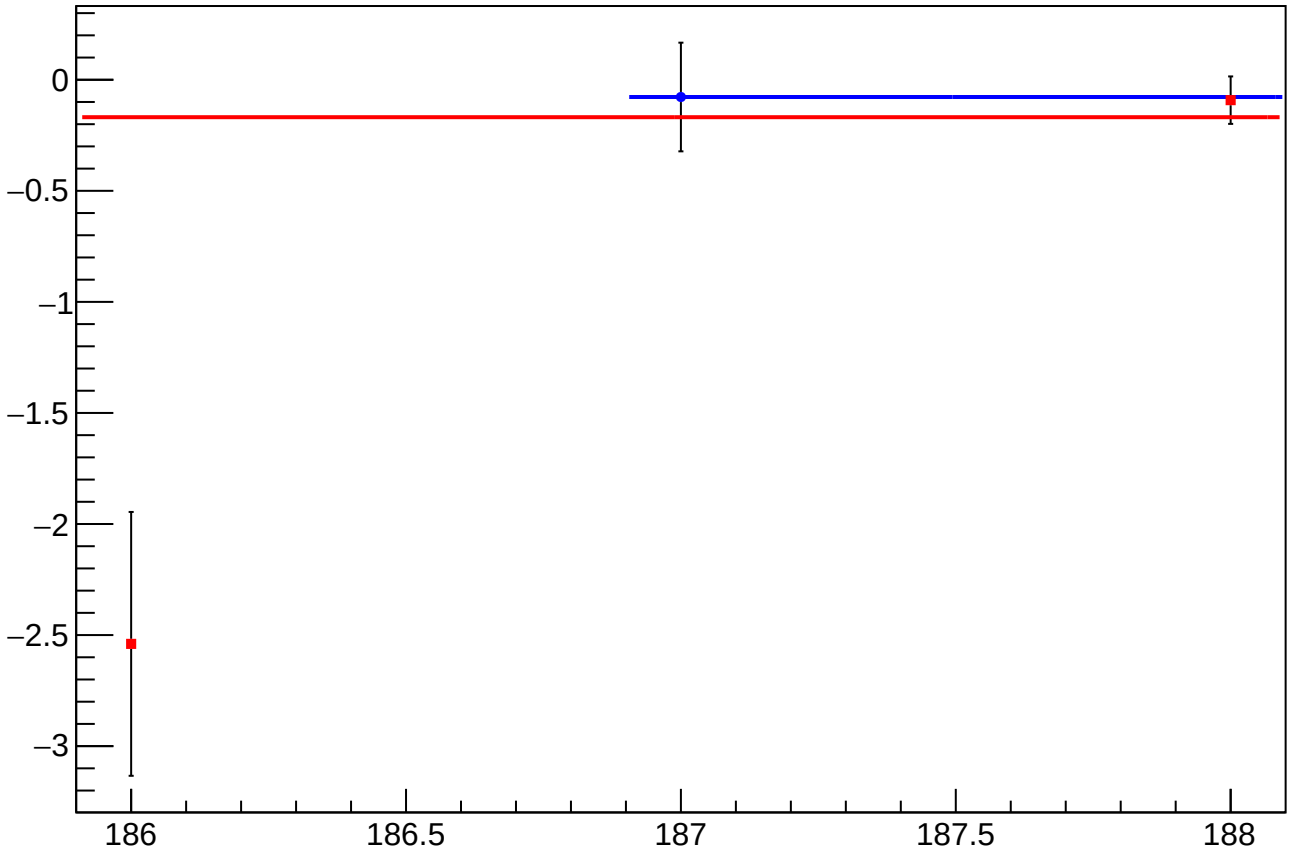
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -34.487+/-1.880 χ^2/NDF: 7.8/2

In: -28.062+/-4.394 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.487+/-1.880 χ^2/NDF: 7.8/2



Right In: -0.078+/-0.245 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.169+/-0.105 χ^2/NDF: 16.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

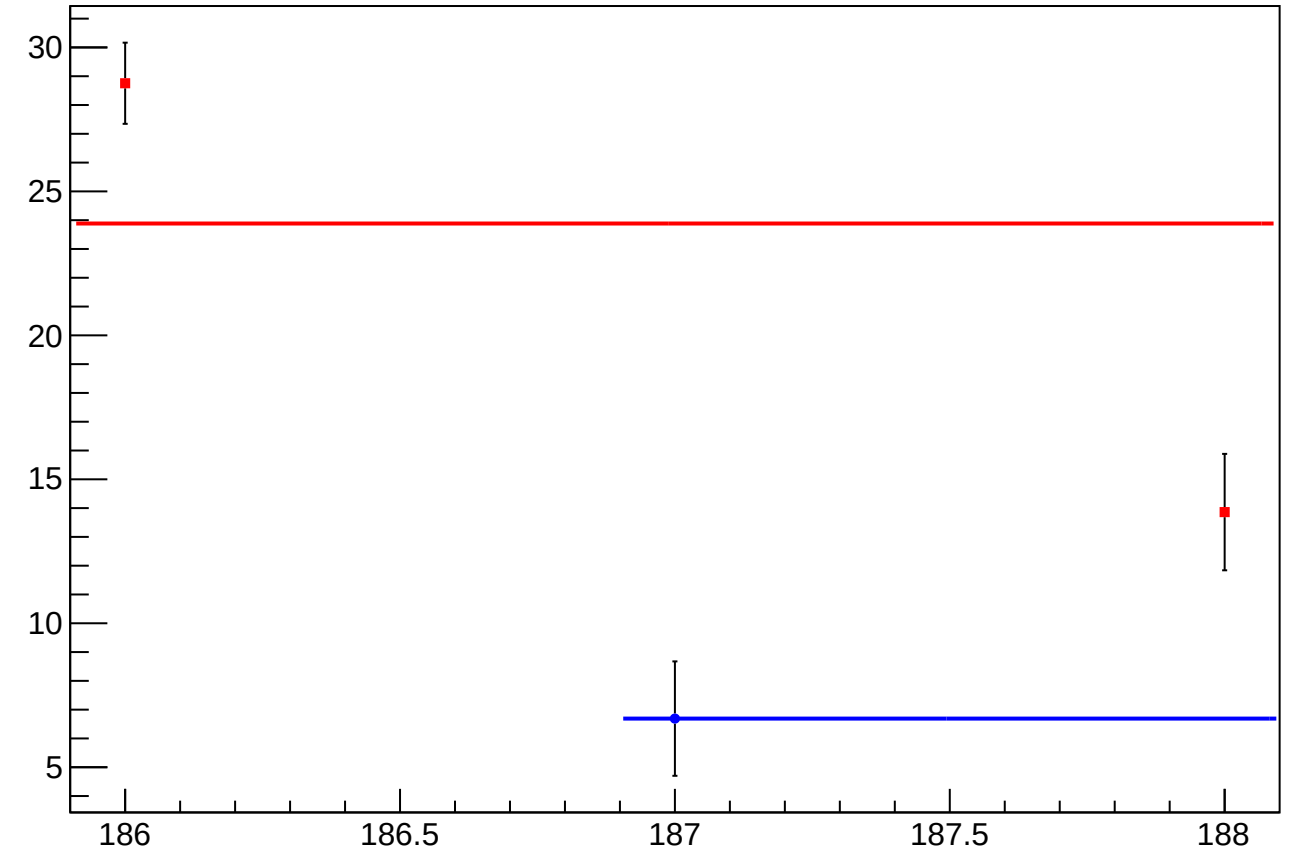
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.154+/-0.097 χ^2/NDF: 16.6/2

In: -0.078+/-0.245 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.154+/-0.097 χ^2/NDF: 16.6/2



Right In: 6.689+/-1.987 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.884+/-1.156 χ^2/NDF: 36.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

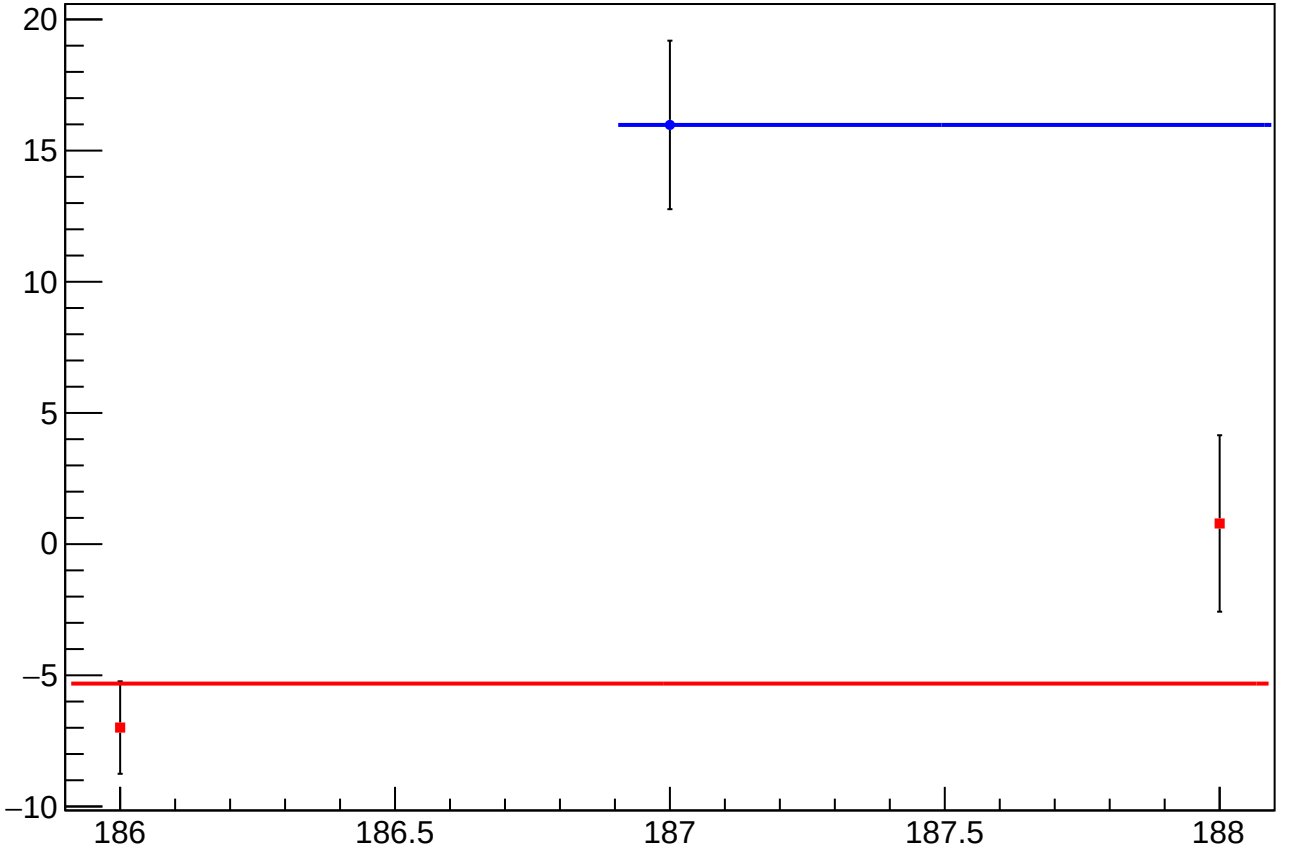
Right: 19.534+/-0.999 χ^2/NDF: 92.5/2

In: 6.689+/-1.987 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 19.534+/-0.999 χ^2/NDF: 92.5/2

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.979+/-3.212 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.315+/-1.561 χ^2/NDF: 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

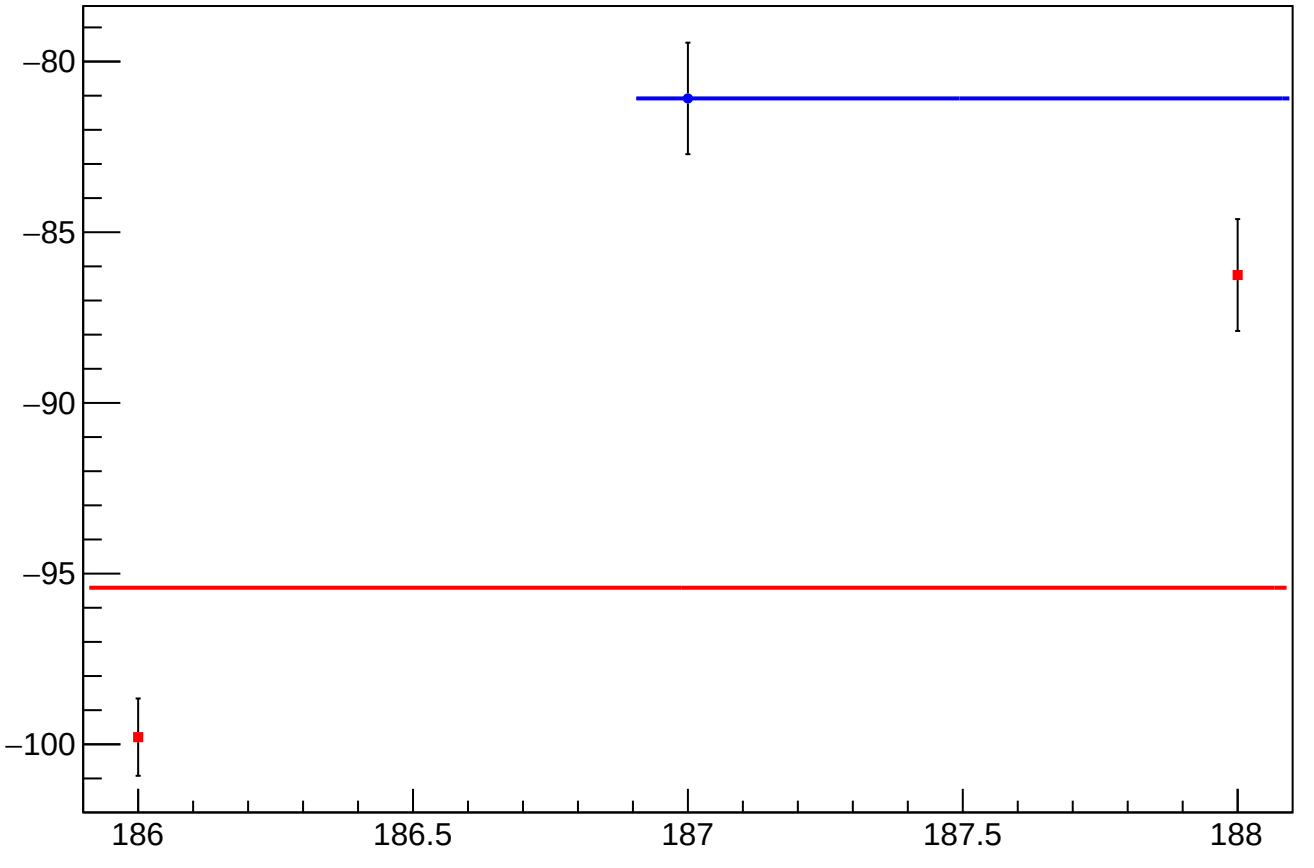
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.246+/-1.404 χ^2/NDF: 39.8/2

In: 15.979+/-3.212 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.246+/-1.404 χ^2/NDF: 39.8/2



Right In: -81.080+/-1.633 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -95.413+/-0.932 χ^2/NDF: 46.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

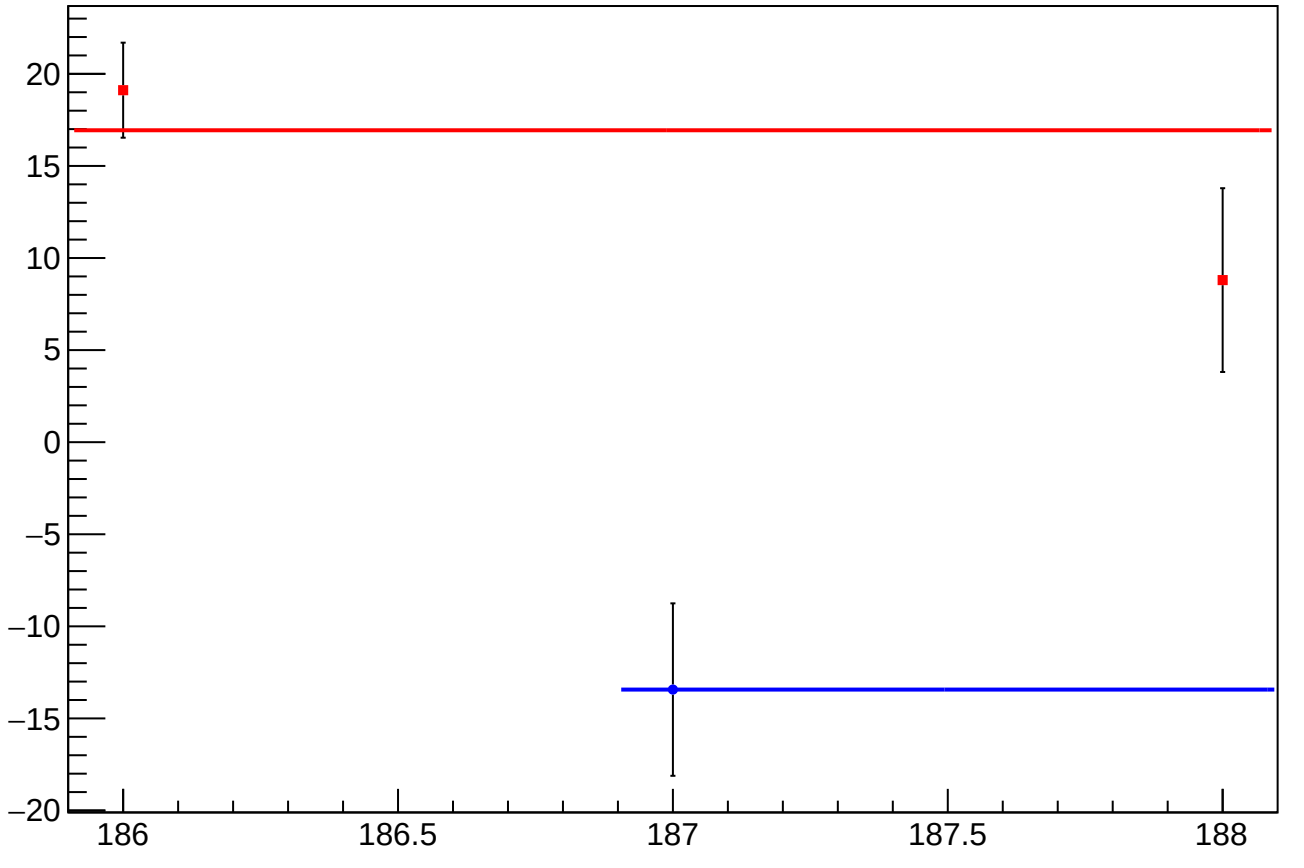
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -91.894+/-0.809 χ^2/NDF: 104.3/2

In: -81.080+/-1.633 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -91.894+/-0.809 χ^2/NDF: 104.3/2



Right In: -13.434+/-4.682 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.937+/-2.292 χ^2/NDF: 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

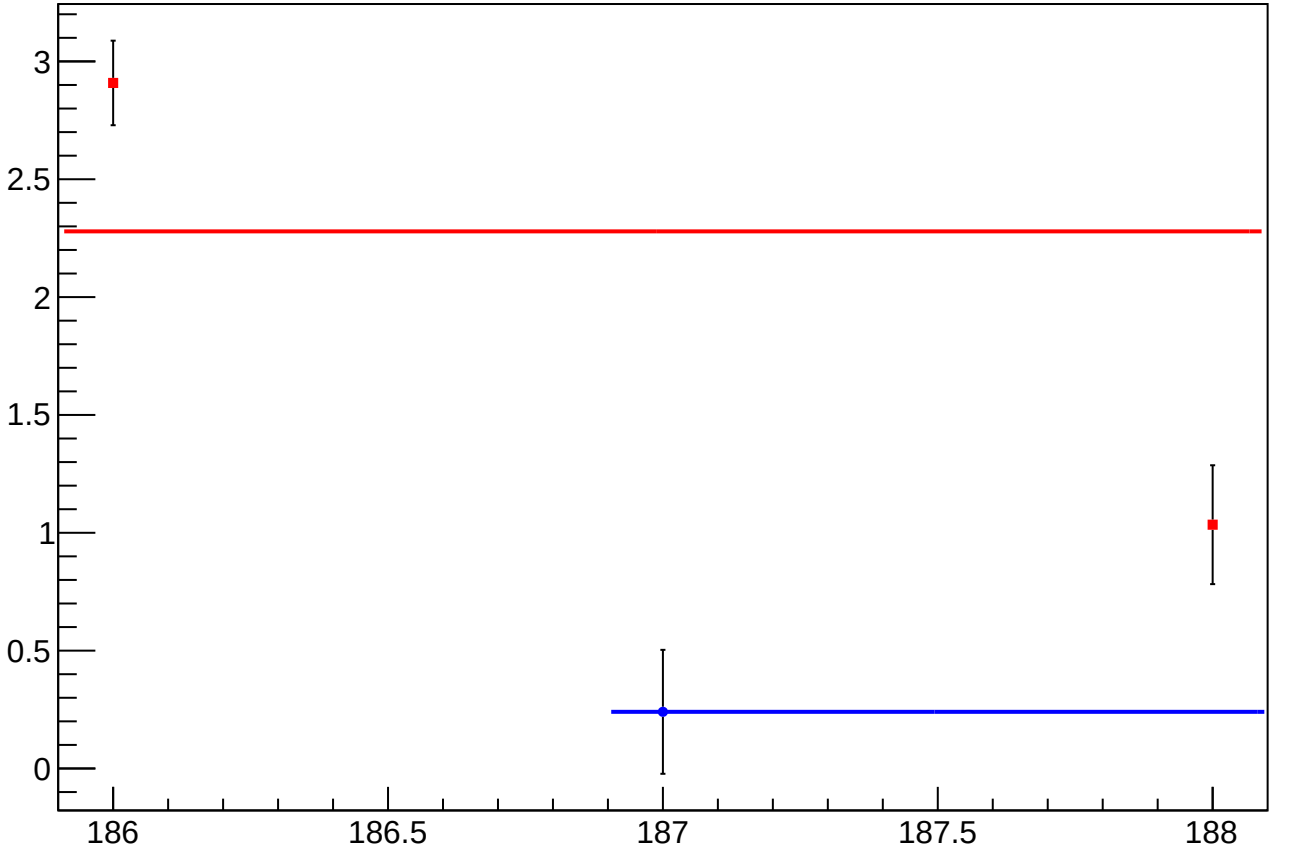
Right: 11.065+/-2.059 χ^2/NDF: 37.3/2

In: -13.434+/-4.682 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.065+/-2.059 χ^2/NDF: 37.3/2

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.240+/-0.263 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.279+/-0.146 χ^2/NDF: 36.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

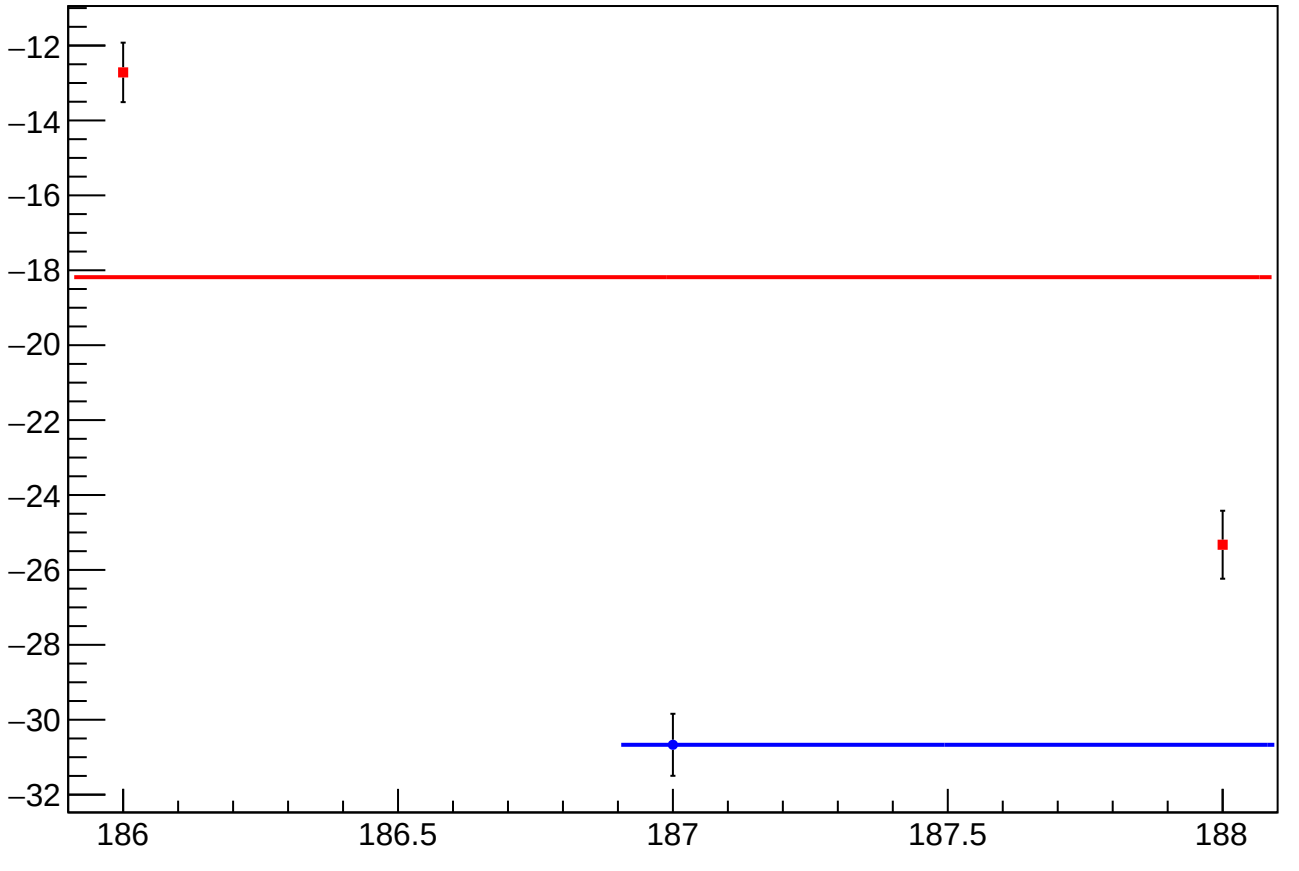
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.798+/-0.128 χ^2/NDF: 82.6/2

In: 0.240+/-0.263 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.798+/-0.128 χ^2/NDF: 82.6/2



Right In: -30.669+/-0.828 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18.184+/-0.597 χ^2/NDF: 109.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

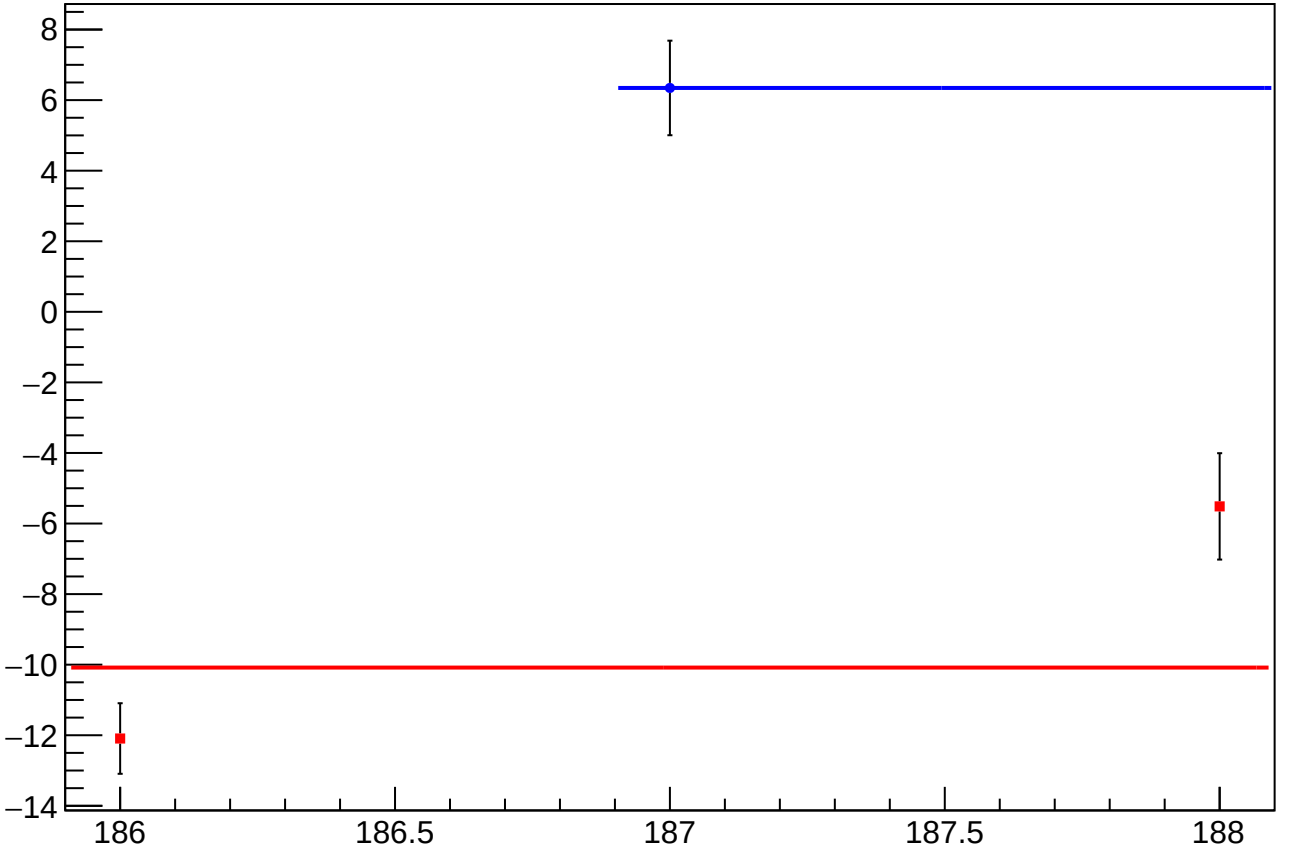
Right: -22.460+/-0.484 χ^2/NDF: 259.0/2

In: -30.669+/-0.828 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -22.460+/-0.484 χ^2/NDF: 259.0/2

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.345+/-1.340 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.082+/-0.833 χ^2/NDF: 13.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

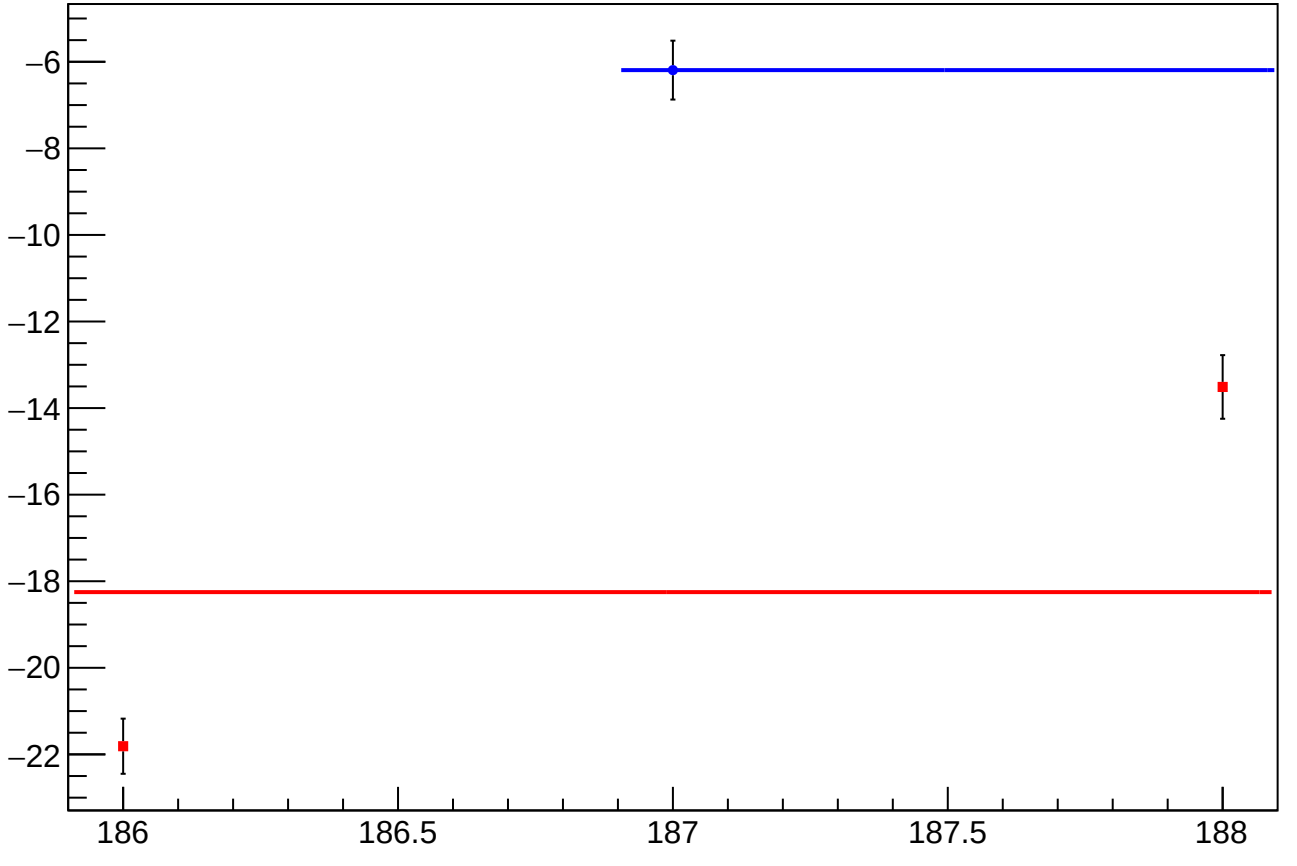
Right: -5.501+/-0.708 χ^2/NDF: 121.6/2

In: 6.345+/-1.340 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.501+/-0.708 χ^2/NDF: 121.6/2

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.192+/-0.680 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18.251+/-0.481 χ^2/NDF: 72.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

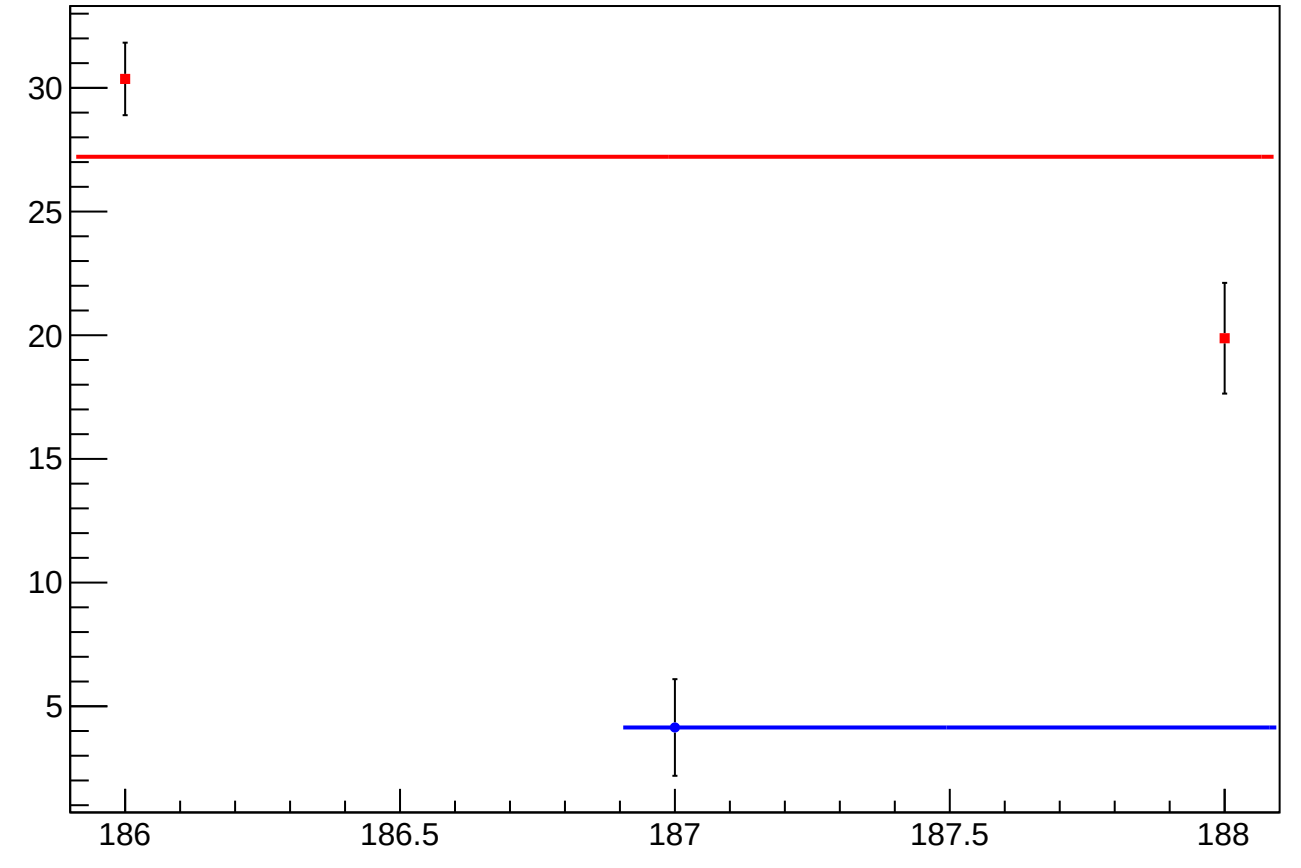
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.227+/-0.393 χ^2/NDF: 282.2/2

In: -6.192+/-0.680 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.227+/-0.393 χ^2/NDF: 282.2/2



Right In: 4.142+/-1.953 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 27.215+/-1.226 χ^2/NDF: 15.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

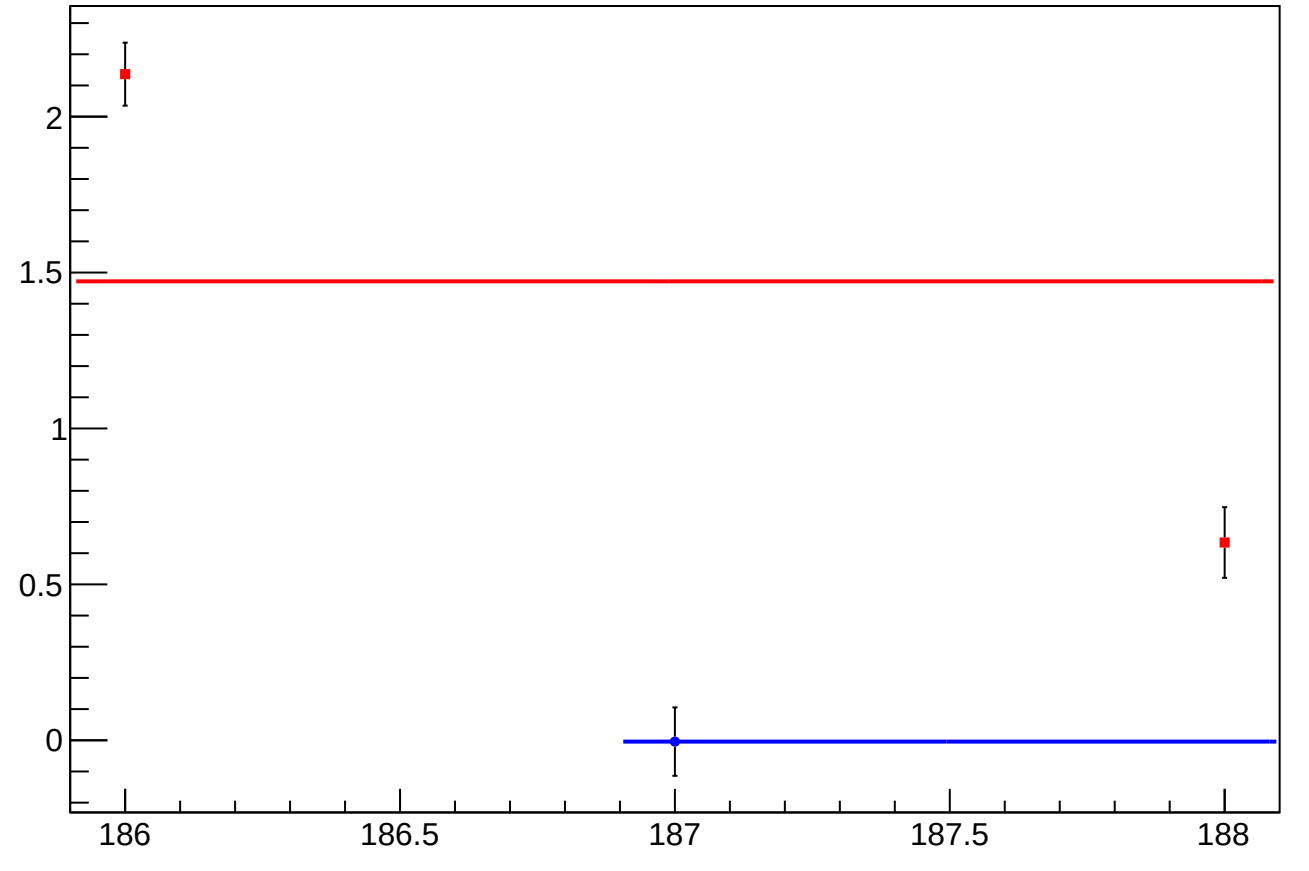
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 20.694+/-1.039 χ^2/NDF: 115.4/2

In: 4.142+/-1.953 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.694+/-1.039 χ^2/NDF: 115.4/2



Right In: -0.004+/-0.110 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.472+/-0.075 χ^2/NDF: 97.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

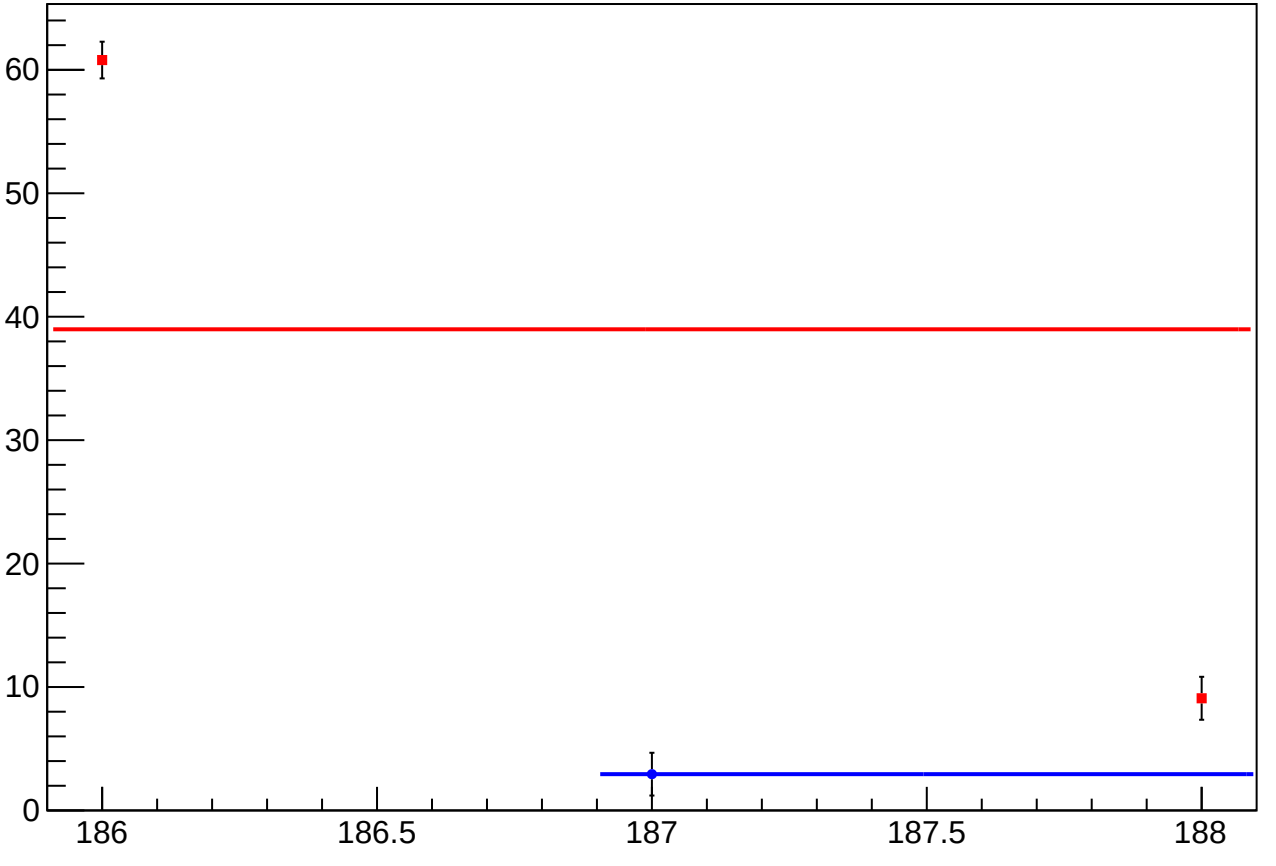
Right: 0.998+/-0.062 χ^2/NDF: 220.9/2

In: -0.004+/-0.110 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.998+/-0.062 χ^2/NDF: 220.9/2

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.941+/-1.732 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 38.981+/-1.130 χ^2/NDF: 510.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

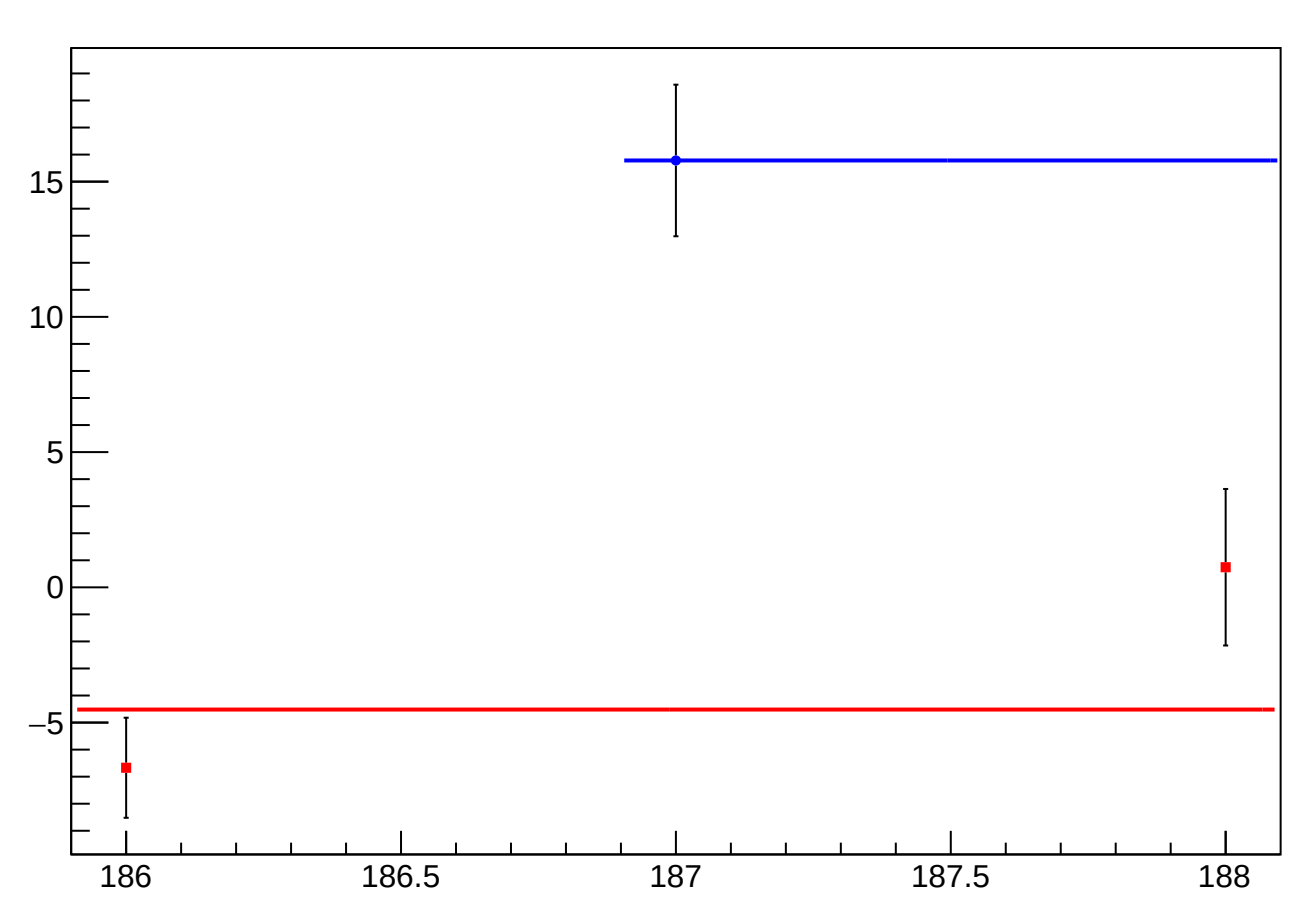
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 28.218+/-0.947 χ^2/NDF: 814.0/2

In: 2.941+/-1.732 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 28.218+/-0.947 χ^2/NDF: 814.0/2



Right In: 15.782+/-2.802 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.519+/-1.559 χ^2/NDF: 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

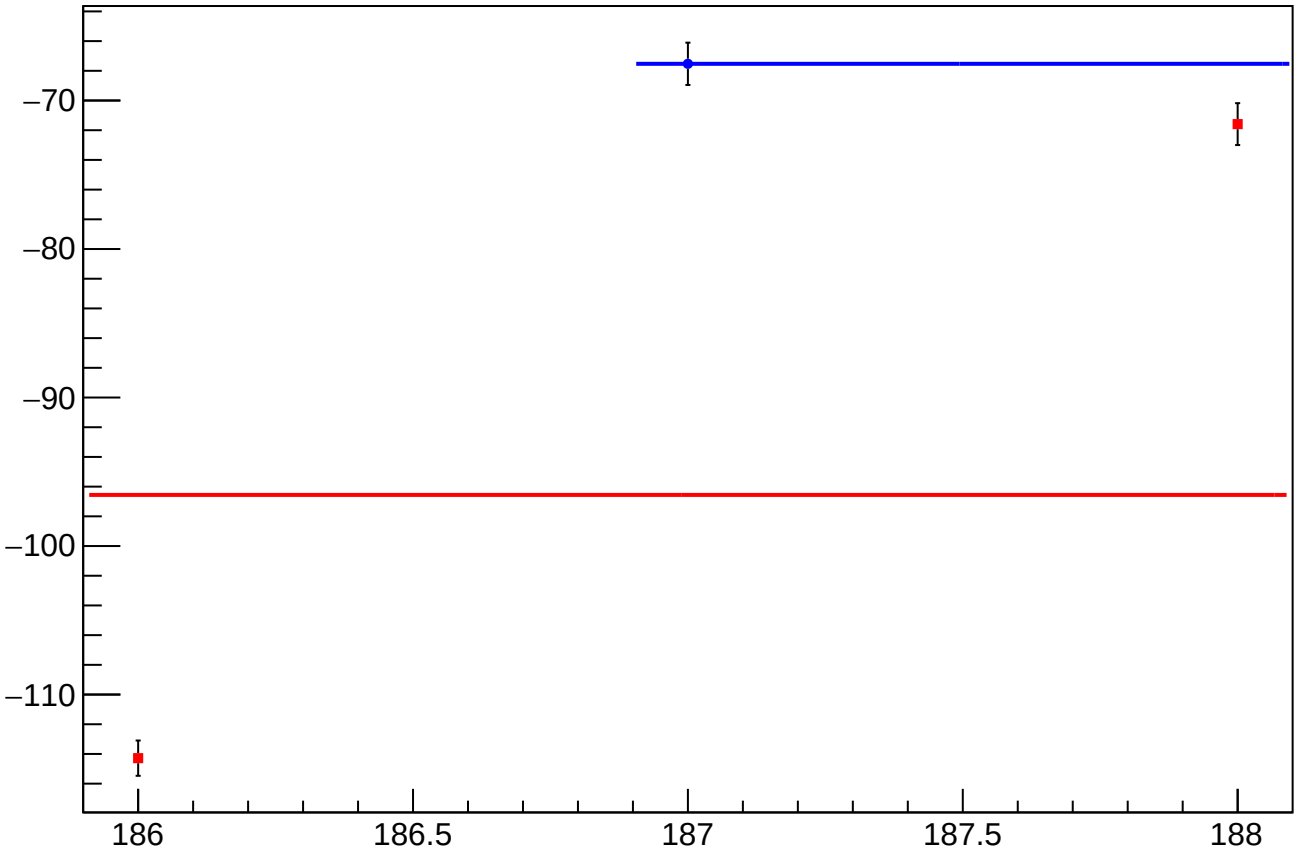
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.278+/-1.362 χ^2/NDF: 44.7/2

In: 15.782+/-2.802 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.278+/-1.362 χ^2/NDF: 44.7/2



Right In: -67.529+/-1.424 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -96.557+/-0.909 χ^2/NDF: 536.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

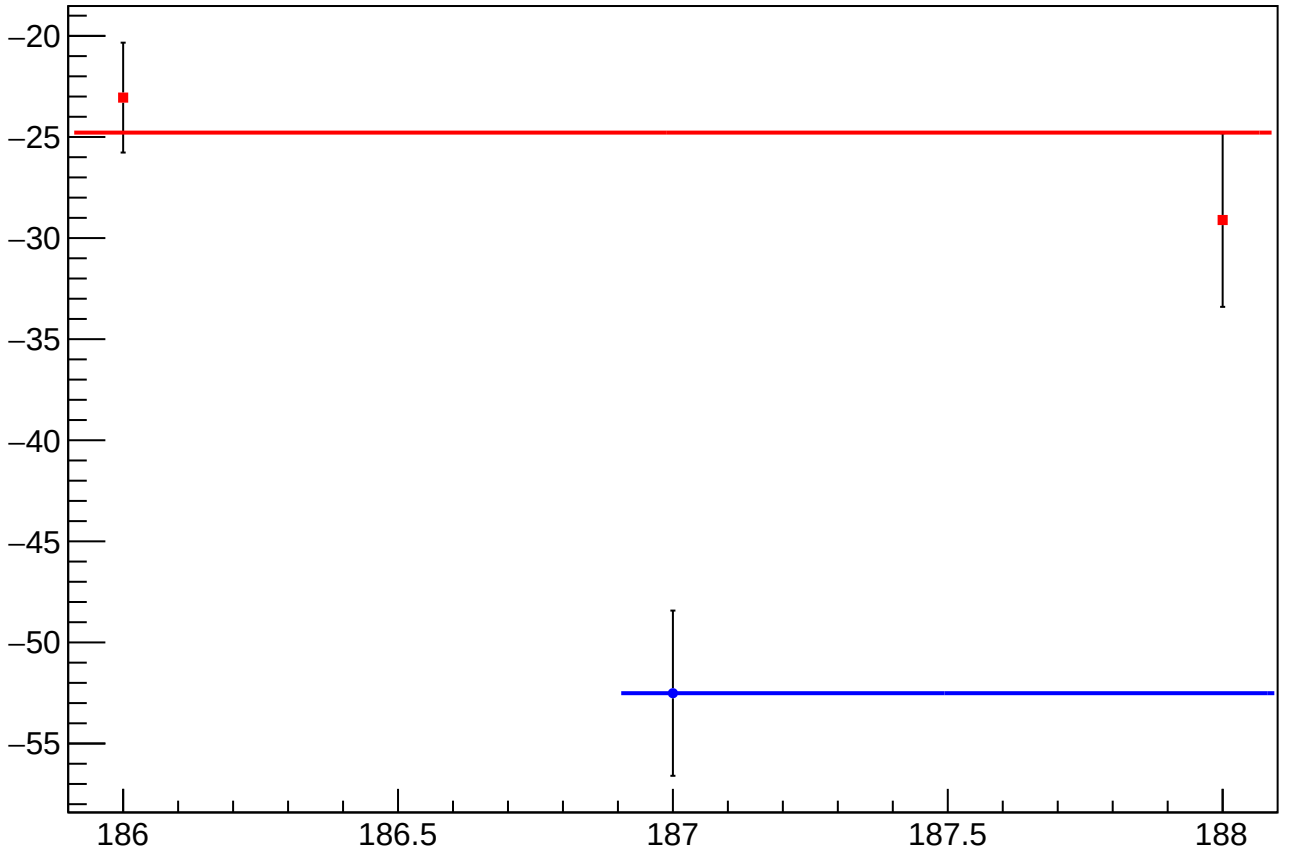
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -88.157+/-0.766 χ^2/NDF: 831.6/2

In: -67.529+/-1.424 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -88.157+/-0.766 χ^2/NDF: 831.6/2



Right In: -52.511+/-4.086 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -24.783+/-2.296 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

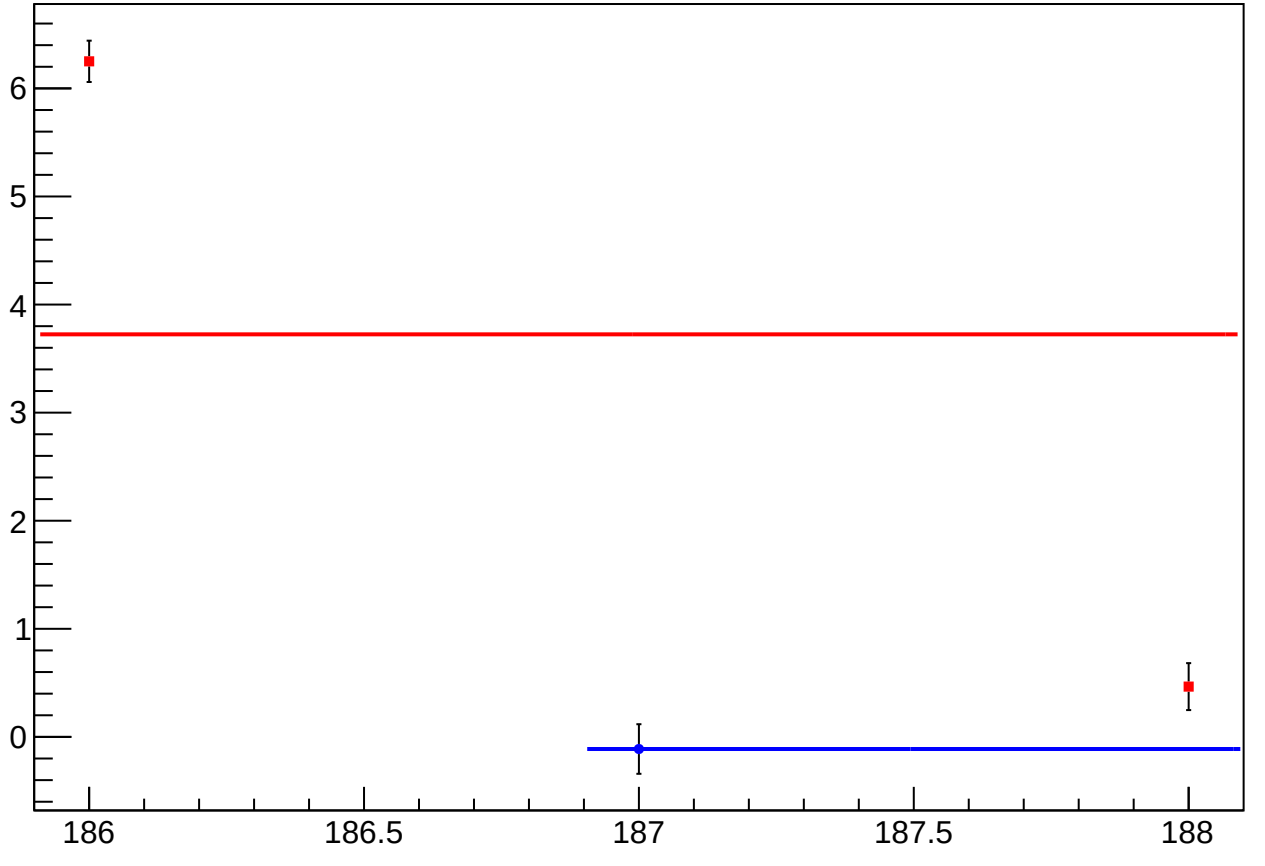
Right: -31.439+/-2.002 χ^2/NDF: 36.4/2

In: -52.511+/-4.086 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -31.439+/-2.002 χ^2/NDF: 36.4/2

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.112+/-0.229 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.724+/-0.143 χ^2/NDF: 399.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

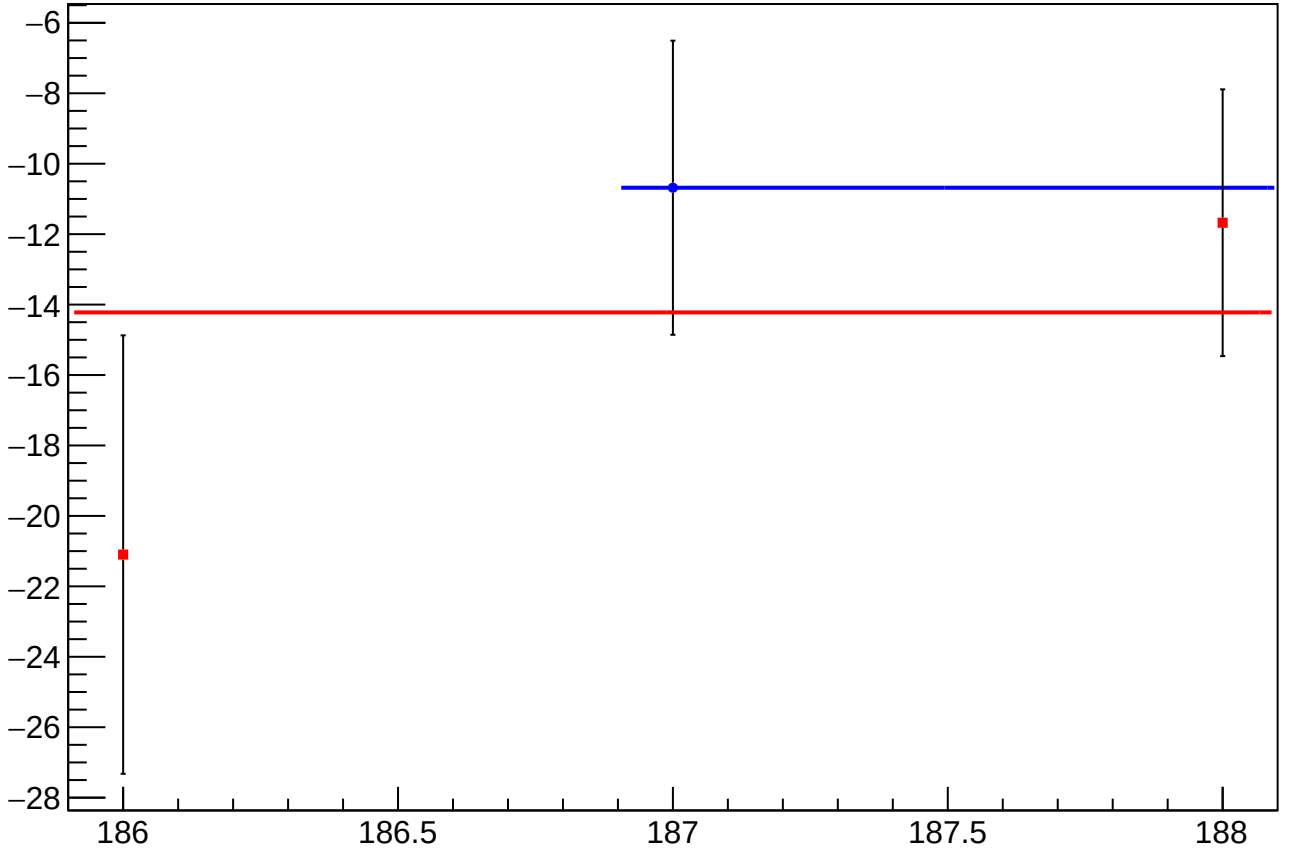
Right: 2.645+/-0.122 χ^2/NDF: 600.9/2

In: -0.112+/-0.229 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.645+/-0.122 χ^2/NDF: 600.9/2

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.682+/-4.176 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.222+/-3.236 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

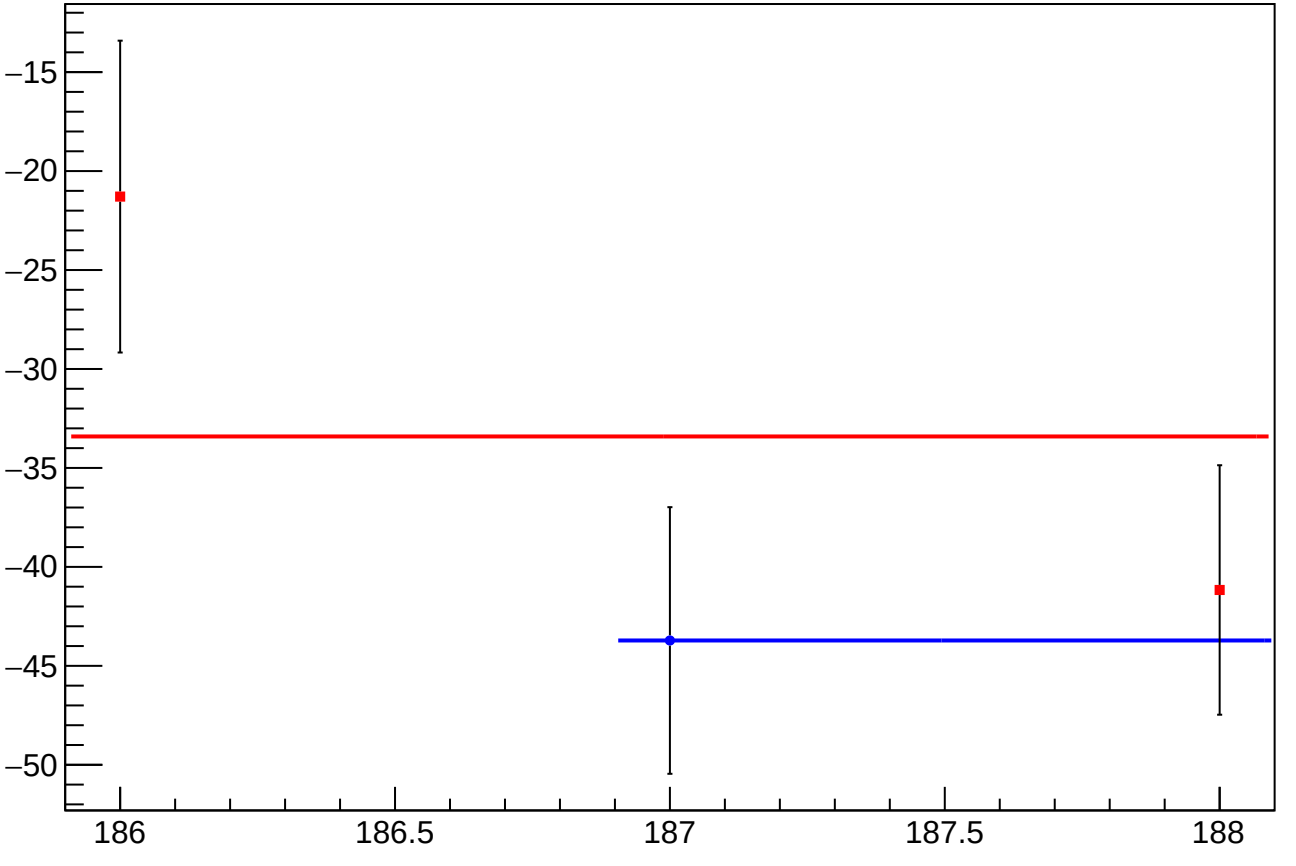
Right: -12.894+/-2.558 χ^2/NDF: 2.1/2

In: -10.682+/-4.176 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.894+/-2.558 χ^2/NDF: 2.1/2

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.718+/-6.736 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -33.409+/-4.922 χ^2/NDF: 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

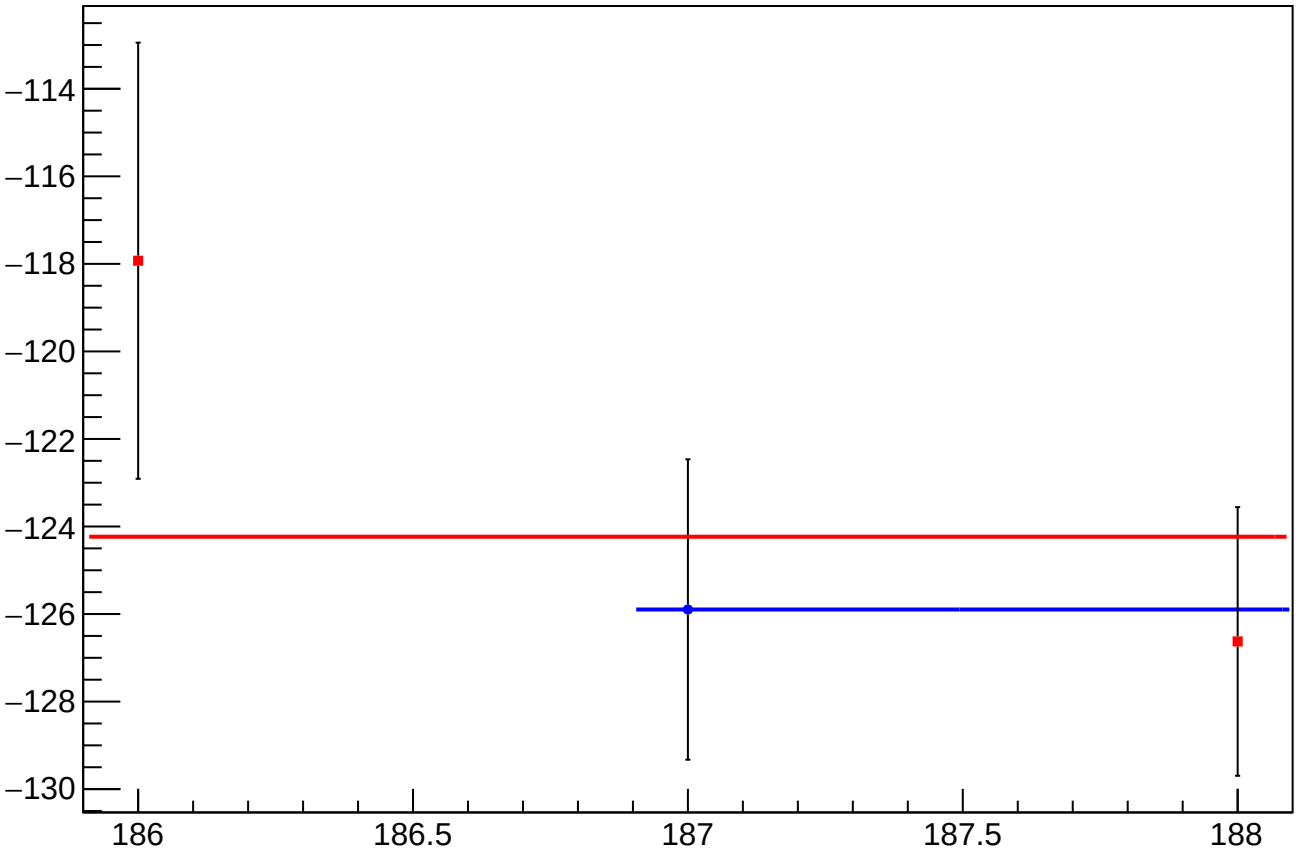
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -36.997+/-3.974 χ^2/NDF: 5.4/2

In: -43.718+/-6.736 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -36.997+/-3.974 χ^2/NDF: 5.4/2



Right In: -125.896+/-3.432 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -124.233+/-2.613 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

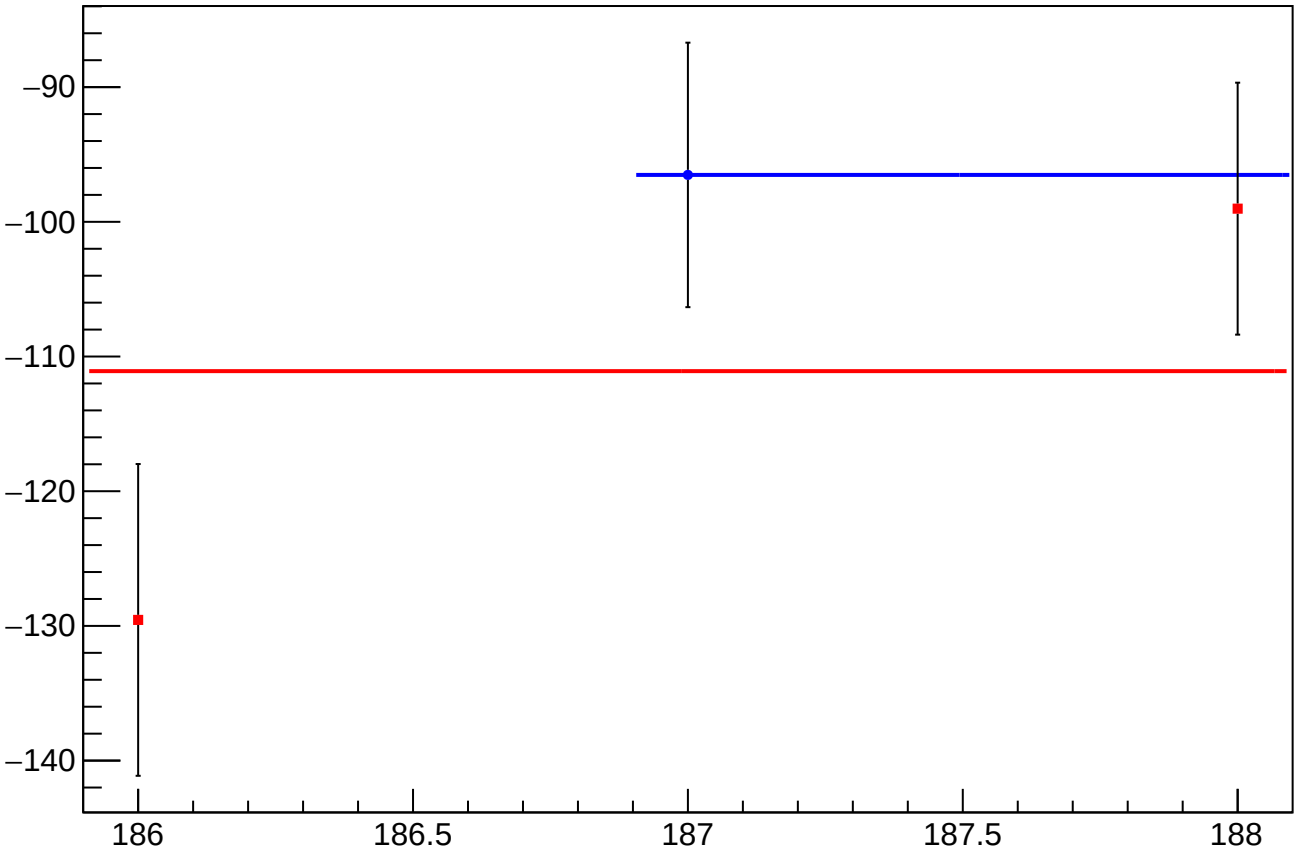
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -124.844+/-2.079 χ^2/NDF: 2.4/2

In: -125.896+/-3.432 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -124.844+/-2.079 χ^2/NDF: 2.4/2



Right In: -96.517+/-9.818 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -111.085+/-7.275 χ^2/NDF: 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

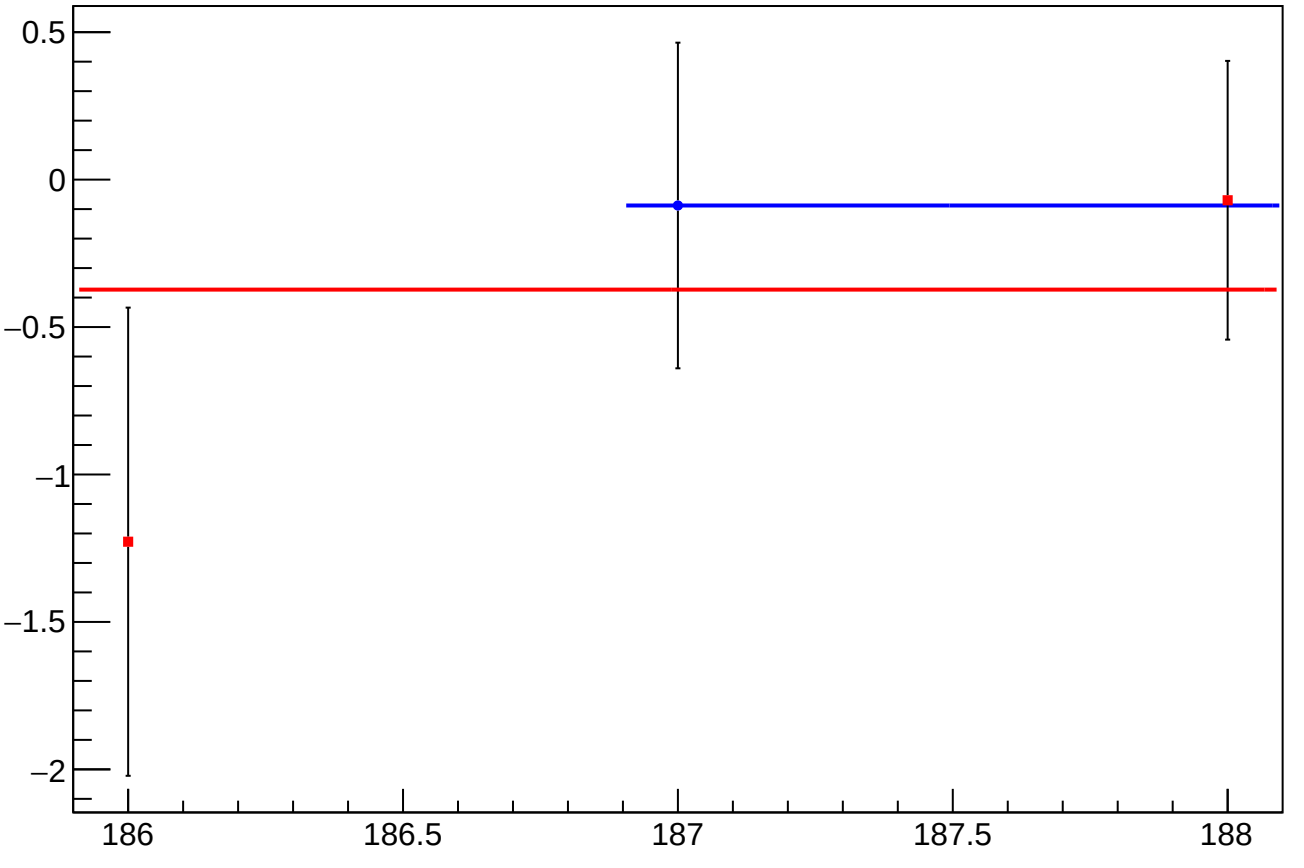
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -105.922+/-5.845 χ^2/NDF: 5.6/2

In: -96.517+/-9.818 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -105.922+/-5.845 χ^2/NDF: 5.6/2



Right In: -0.088+/-0.552 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.373+/-0.406 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

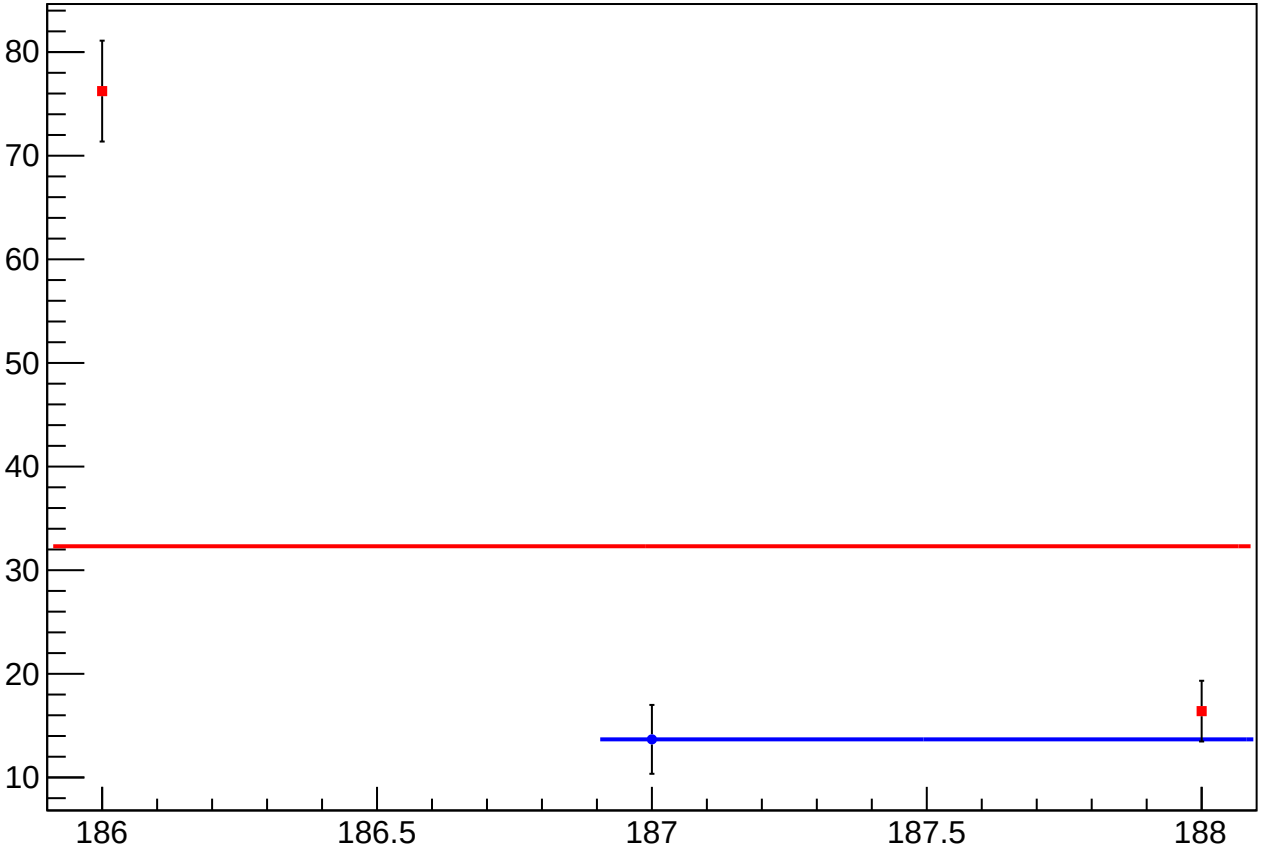
Right: -0.273+/-0.327 χ^2/NDF: 1.7/2

In: -0.088+/-0.552 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.273+/-0.327 χ^2/NDF: 1.7/2

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.675+/-3.323 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.310+/-2.510 χ^2/NDF: 111.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

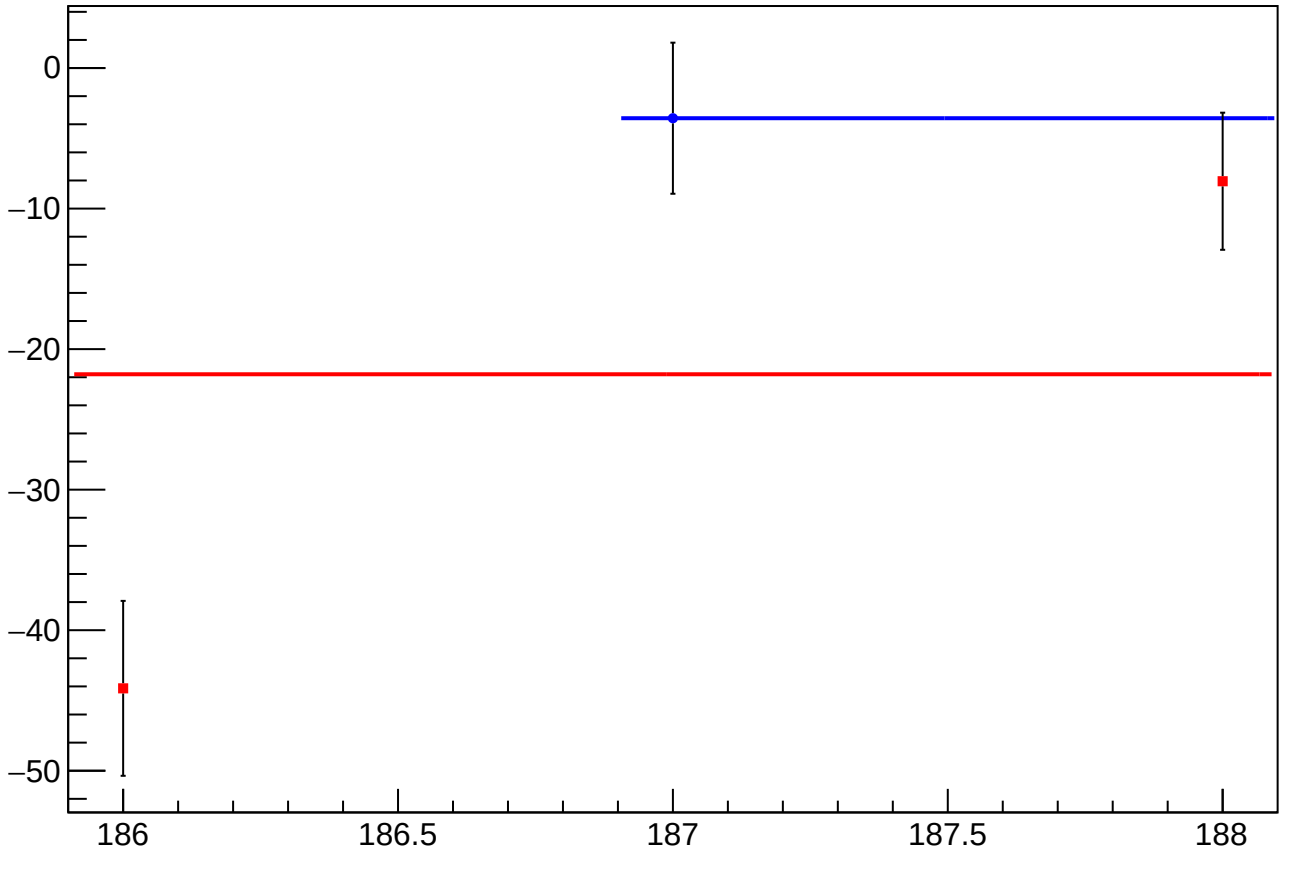
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 25.542+/-2.003 χ^2/NDF: 131.0/2

In: 13.675+/-3.323 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.542+/-2.003 χ^2/NDF: 131.0/2



Right In: -3.569+/-5.376 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21.788+/-3.839 χ^2/NDF: 20.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

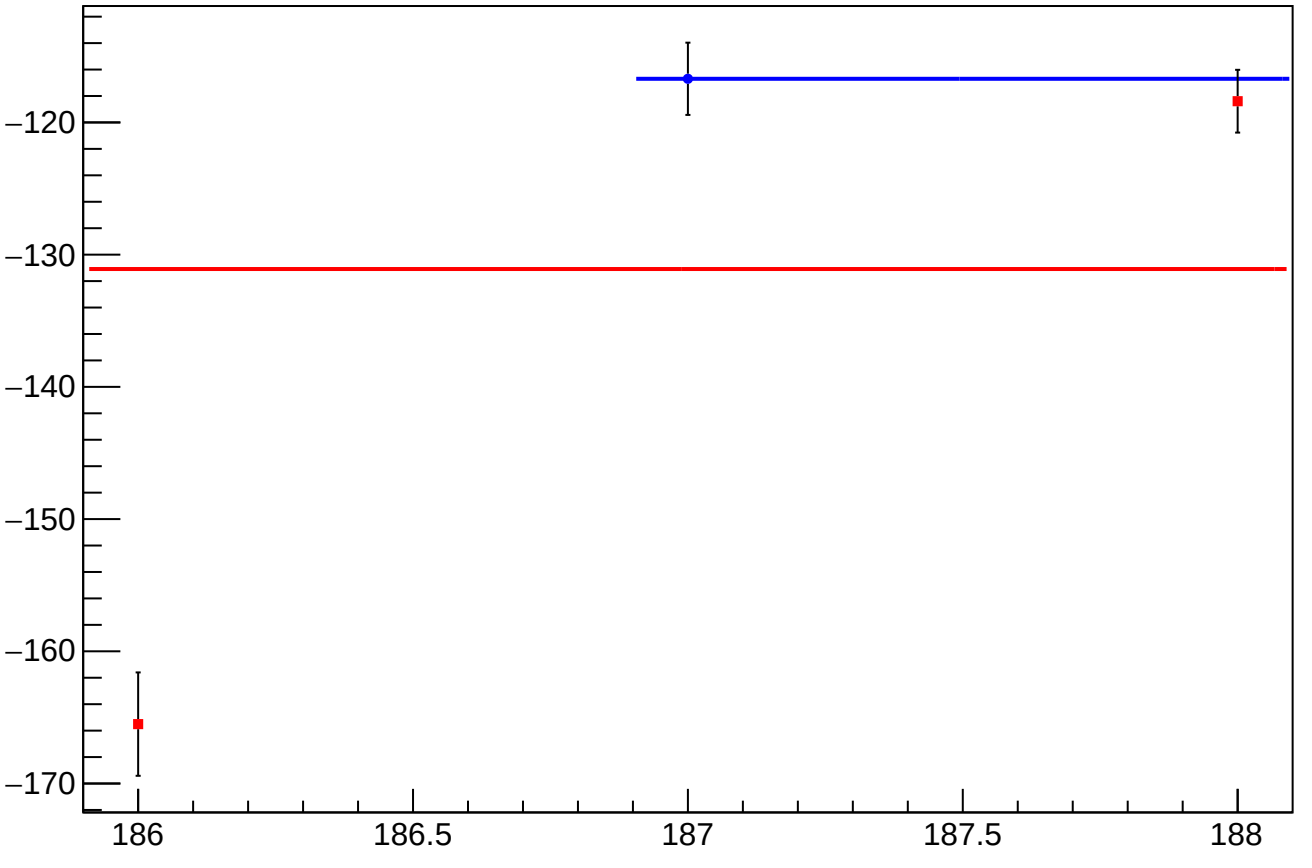
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -15.634+/-3.124 χ^2/NDF: 28.4/2

In: -3.569+/-5.376 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -15.634+/-3.124 χ^2/NDF: 28.4/2



Right In: -116.699+/-2.732 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -131.087+/-2.029 χ^2/NDF: 106.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

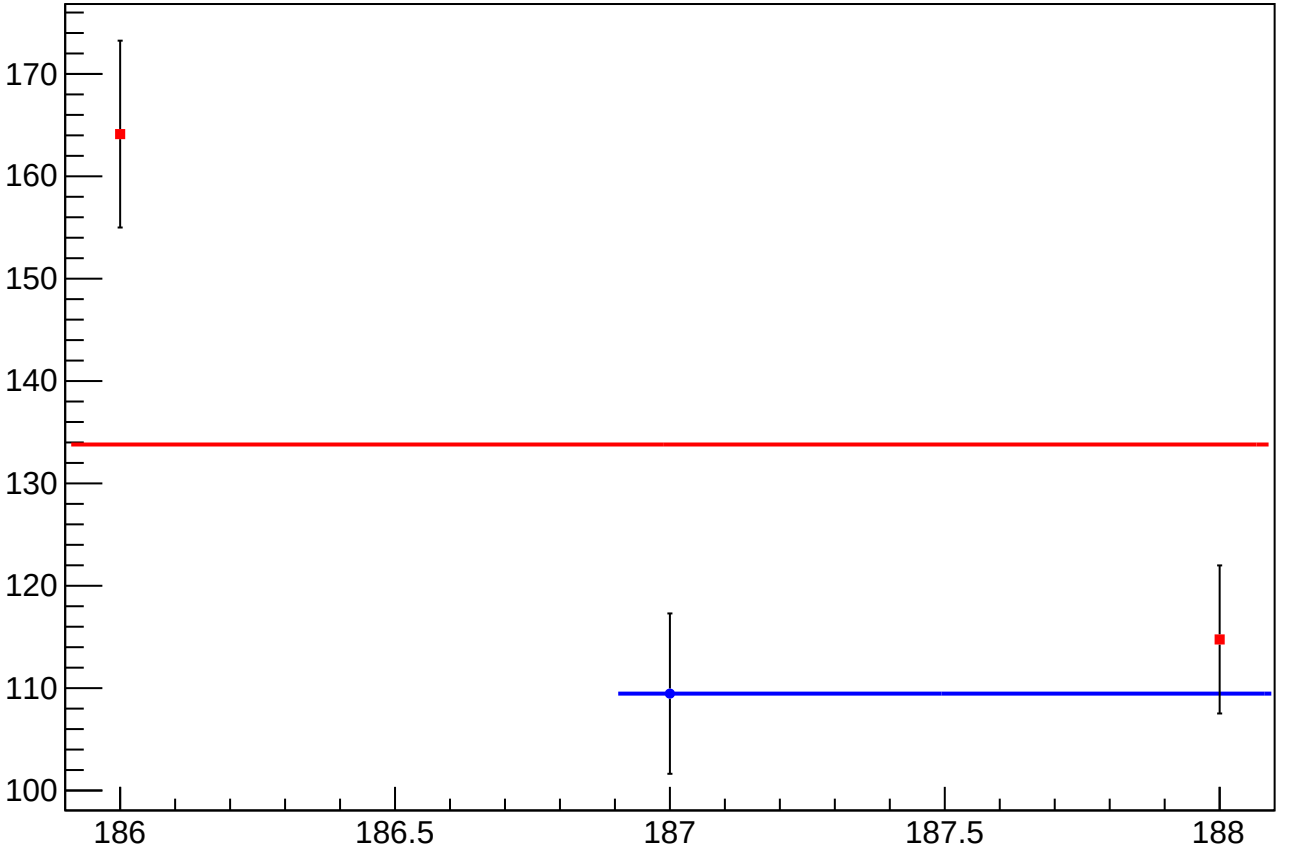
Right: -125.972+/-1.629 χ^2/NDF: 124.0/2

In: -116.699+/-2.732 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -125.972+/-1.629 χ^2/NDF: 124.0/2

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 109.465+/-7.833 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 133.801+/-5.668 χ^2/NDF: 18.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

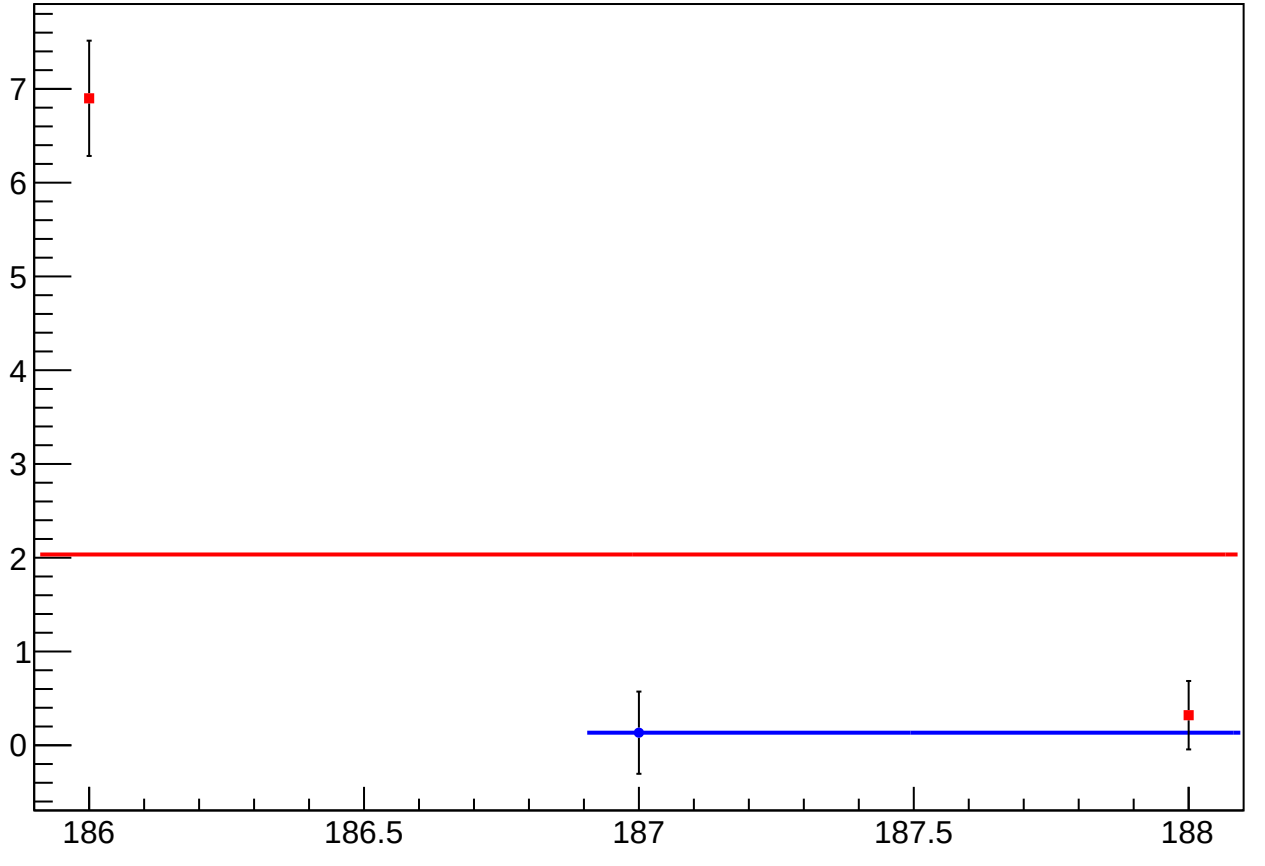
Right: 125.436+/-4.592 χ^2/NDF: 24.3/2

In: 109.465+/-7.833 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 125.436+/-4.592 χ^2/NDF: 24.3/2

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.134+/-0.438 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.035+/-0.314 χ^2/NDF: 84.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

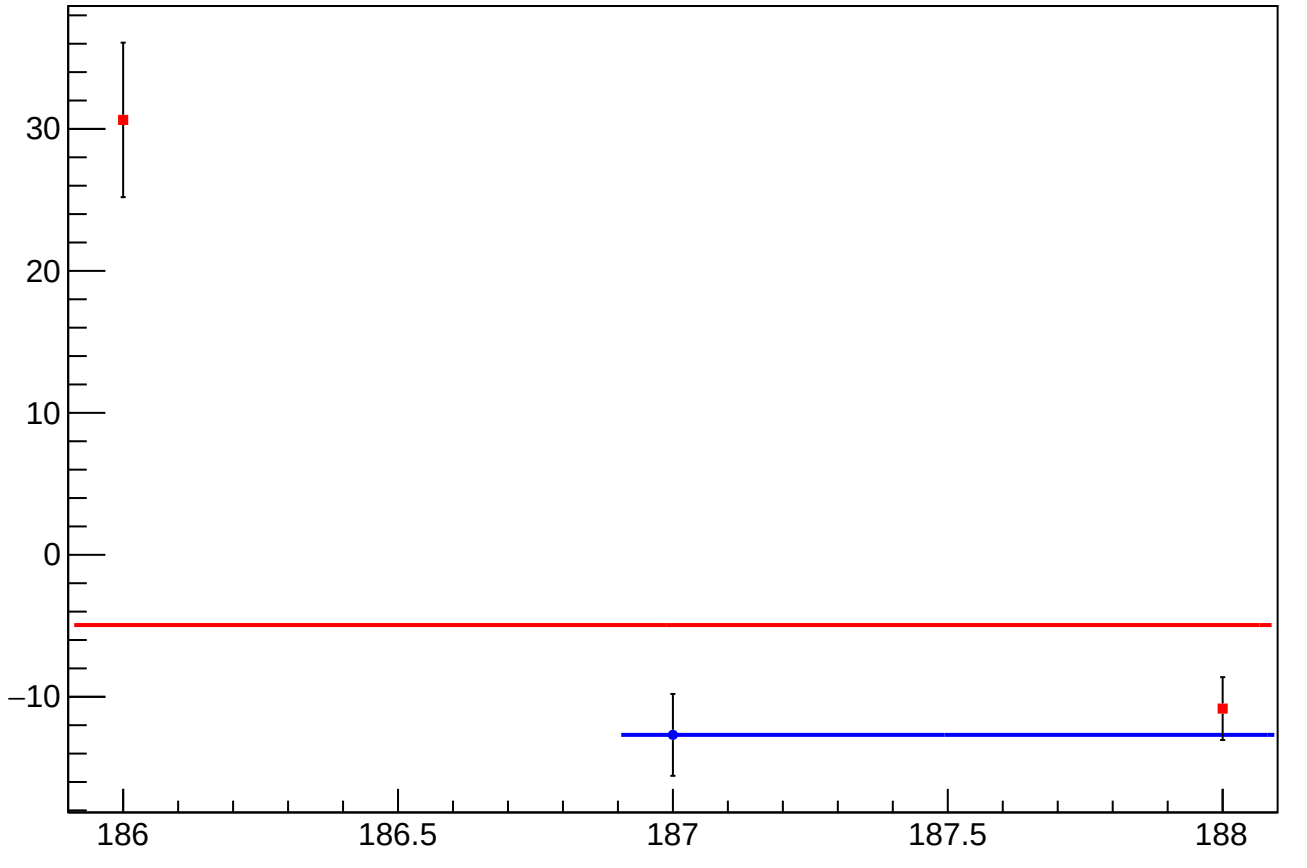
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.391+/-0.255 χ^2/NDF: 97.1/2

In: 0.134+/-0.438 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.391+/-0.255 χ^2/NDF: 97.1/2



Right In: -12.681+/-2.883 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.946+/-2.050 χ^2/NDF: 49.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

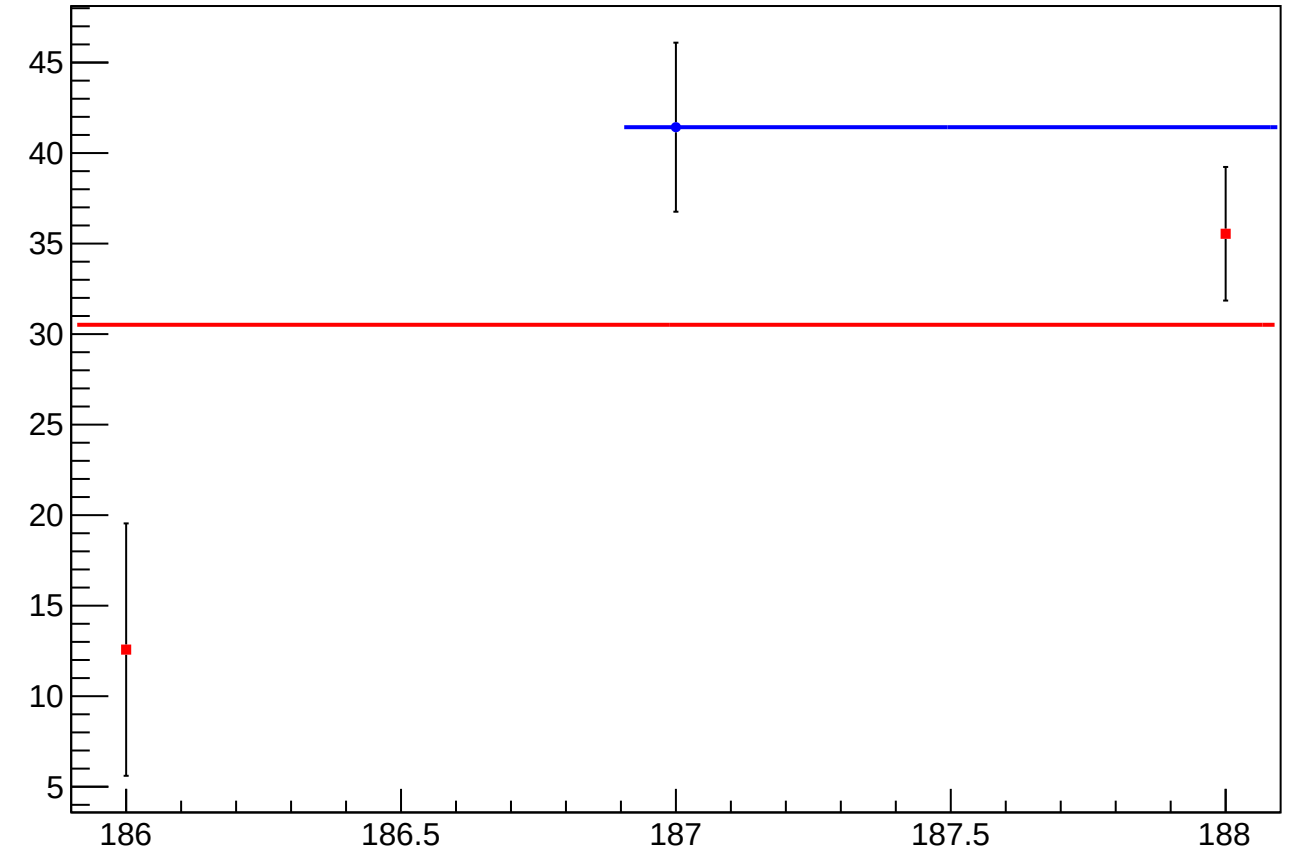
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.543+/-1.671 χ^2/NDF: 54.6/2

In: -12.681+/-2.883 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.543+/-1.671 χ^2/NDF: 54.6/2



Right In: 41.428+/-4.669 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.515+/-3.261 χ^2/NDF: 8.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

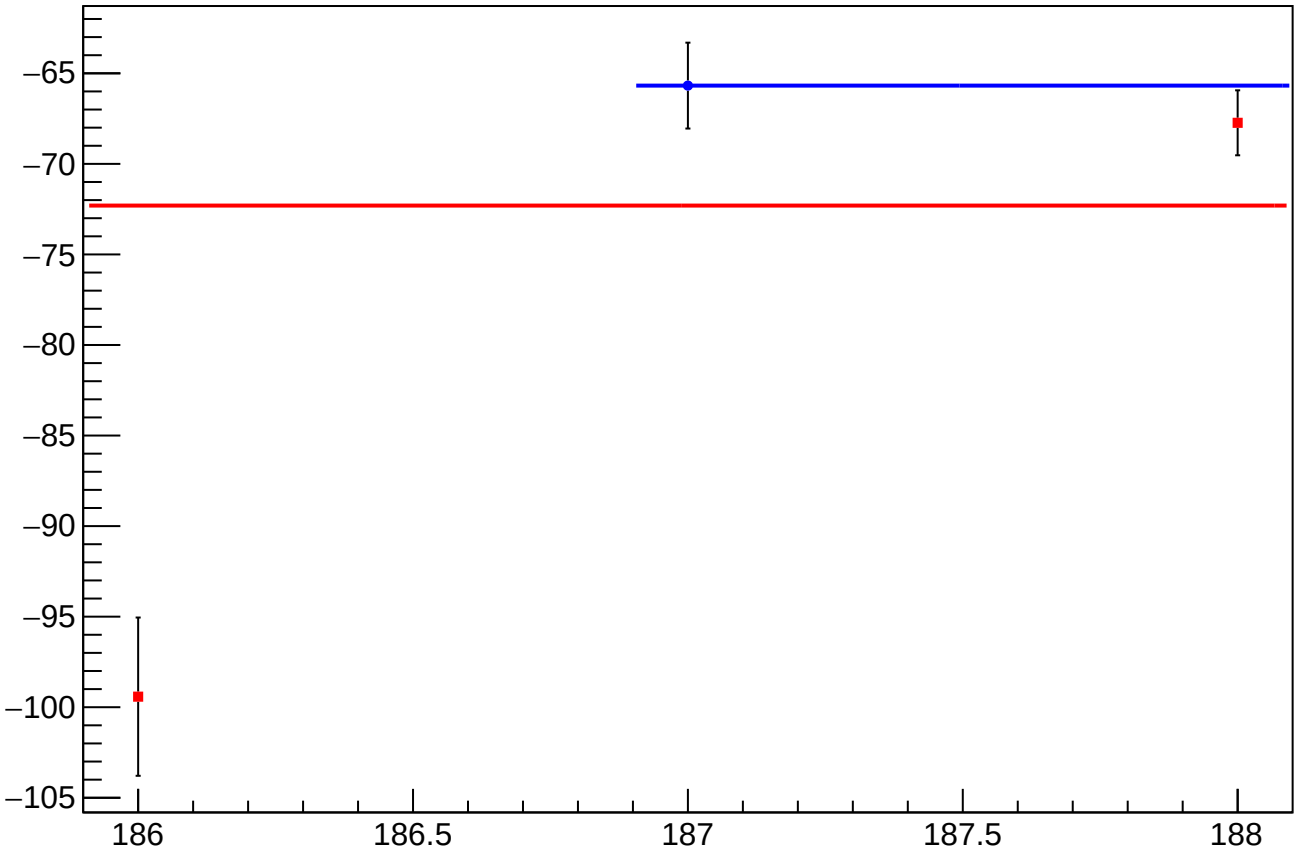
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 34.094+/-2.673 χ^2/NDF: 12.2/2

In: 41.428+/-4.669 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 34.094+/-2.673 χ^2/NDF: 12.2/2



Right In: -65.678+/-2.371 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -72.302+/-1.659 χ^2/NDF: 45.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

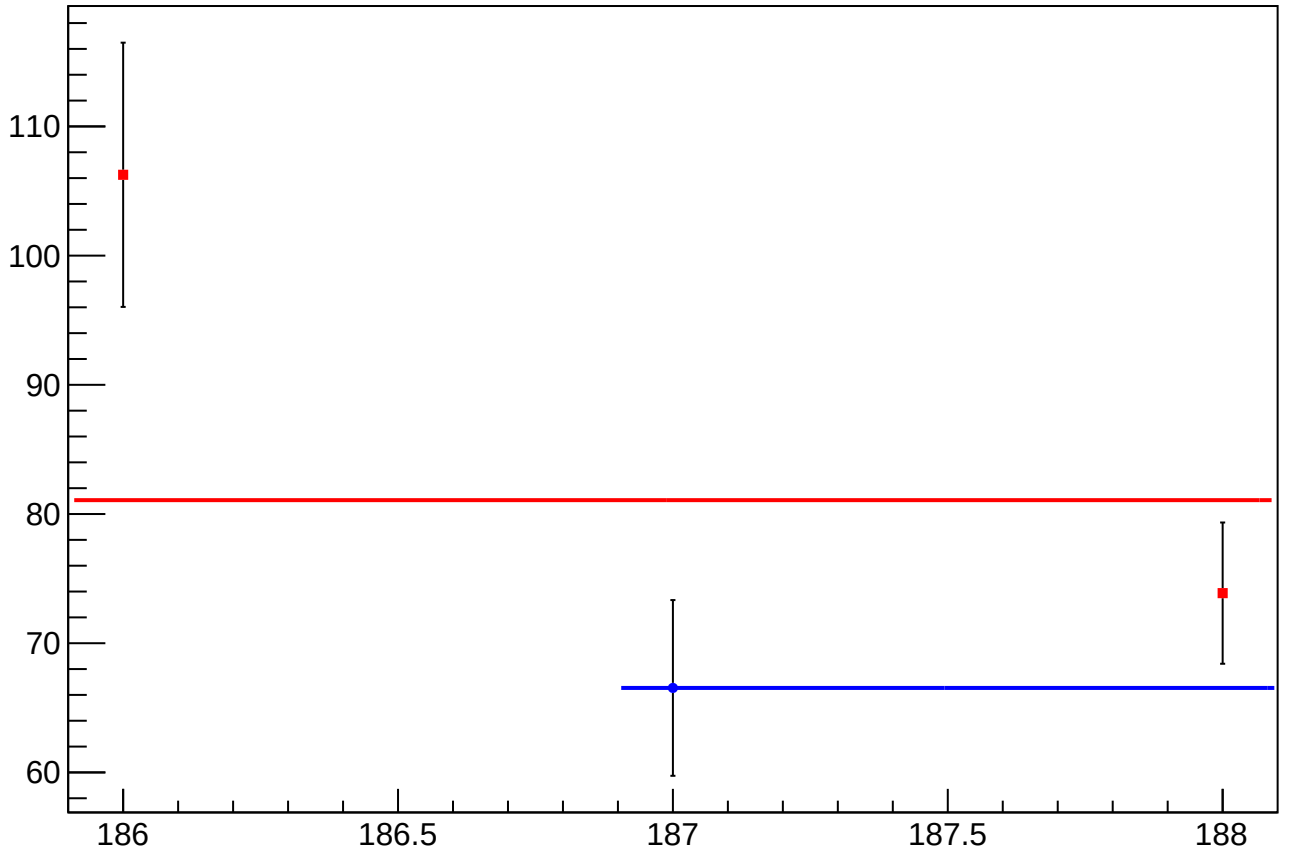
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -70.124+/-1.359 χ^2/NDF: 50.2/2

In: -65.678+/-2.371 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -70.124+/-1.359 χ^2/NDF: 50.2/2



Right In: 66.539+/-6.801 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 81.074+/-4.821 χ^2/NDF: 7.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

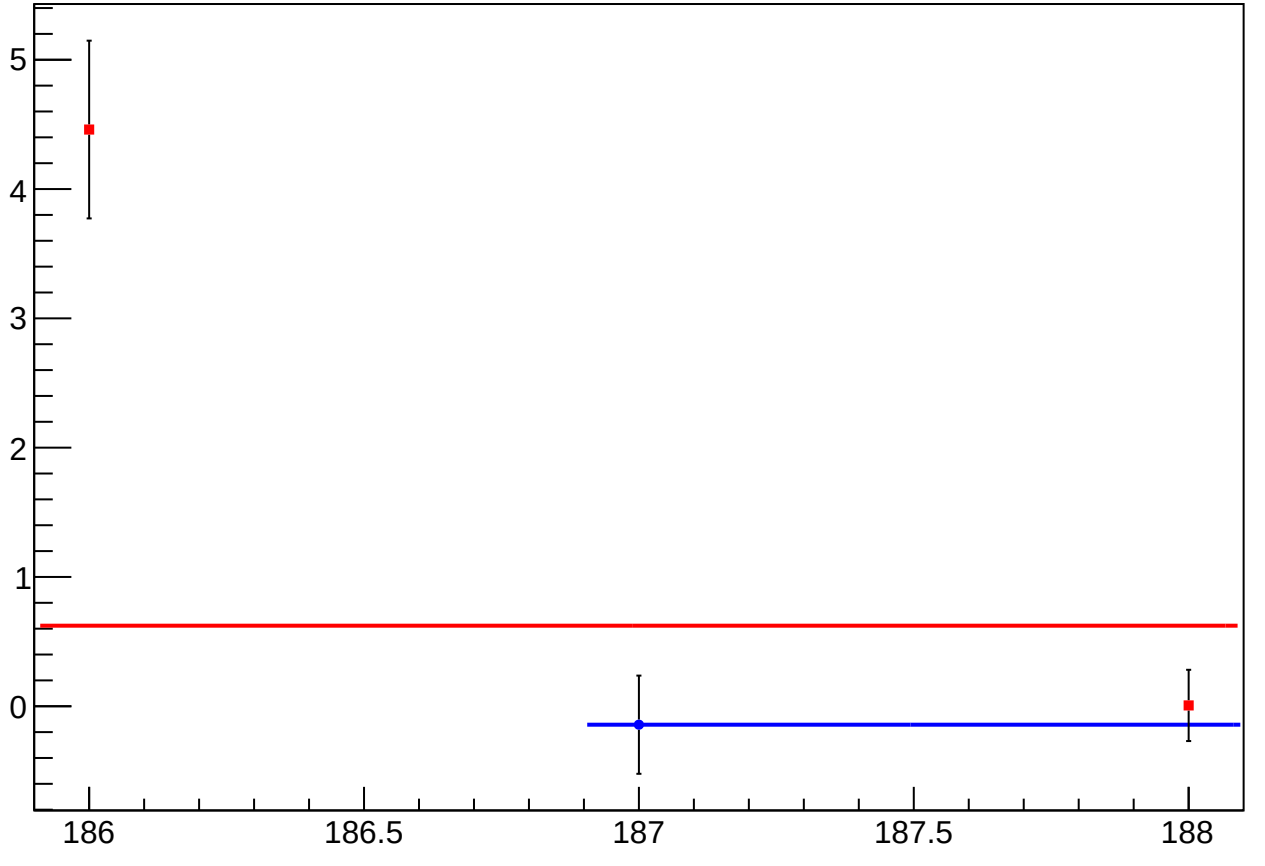
Right: 76.213+/-3.933 χ^2/NDF: 10.8/2

In: 66.539+/-6.801 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 76.213+/-3.933 χ^2/NDF: 10.8/2

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.143+/-0.380 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.623+/-0.256 χ^2/NDF: 36.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

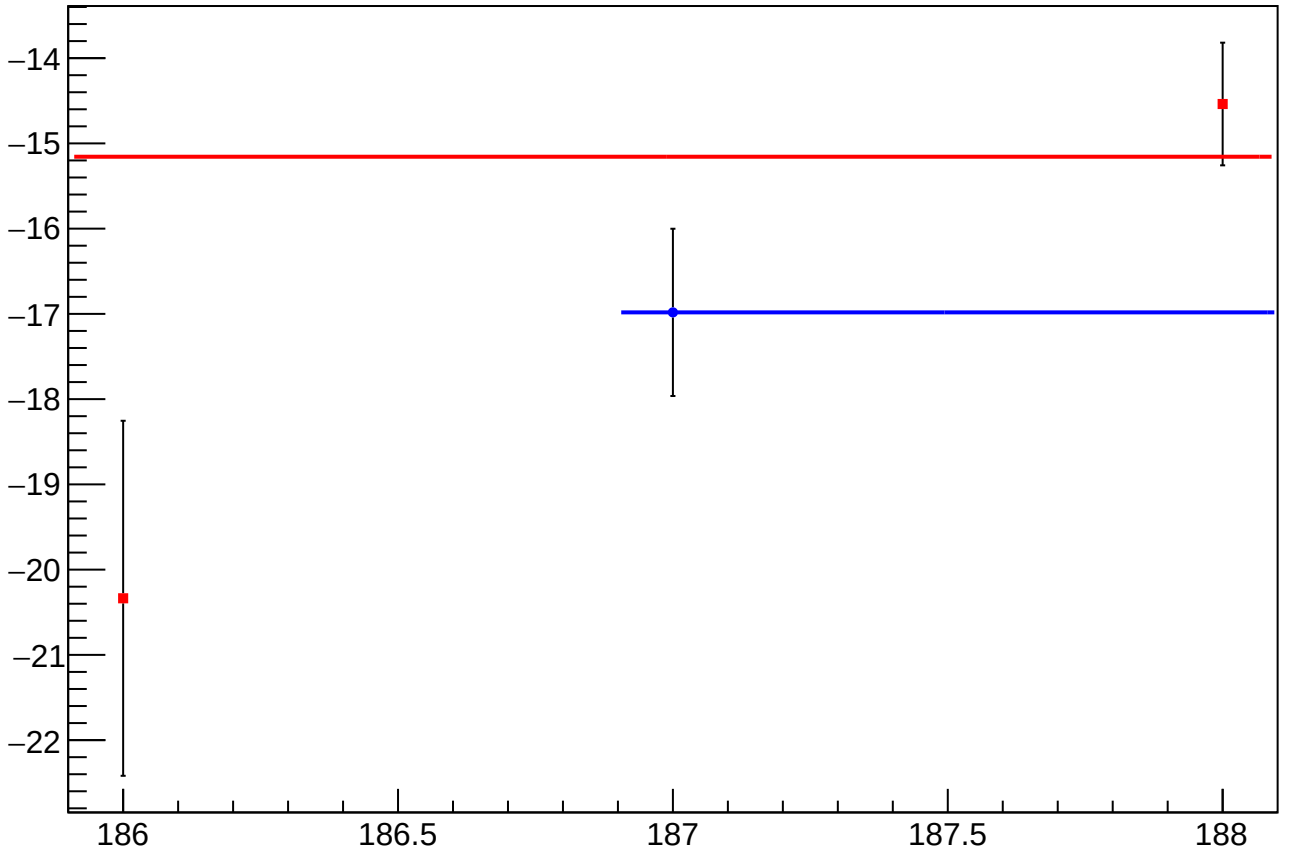
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.384+/-0.212 χ^2/NDF: 39.0/2

In: -0.143+/-0.380 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.384+/-0.212 χ^2/NDF: 39.0/2



Right In: -16.982+/-0.981 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.156+/-0.680 χ^2/NDF: 6.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

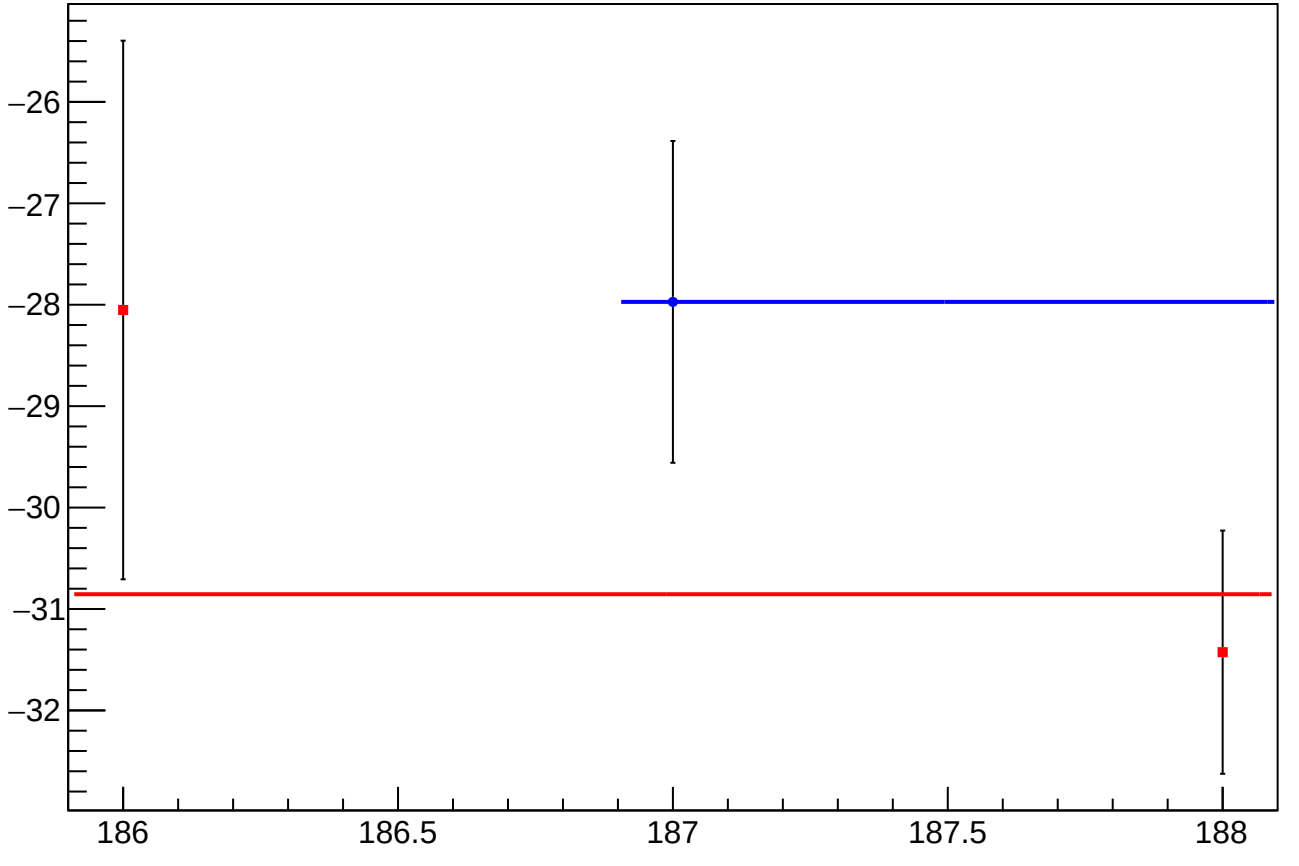
Right: -15.749+/-0.559 χ^2/NDF: 9.3/2

In: -16.982+/-0.981 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -15.749+/-0.559 χ^2/NDF: 9.3/2

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -27.972+/-1.587 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -30.854+/-1.093 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

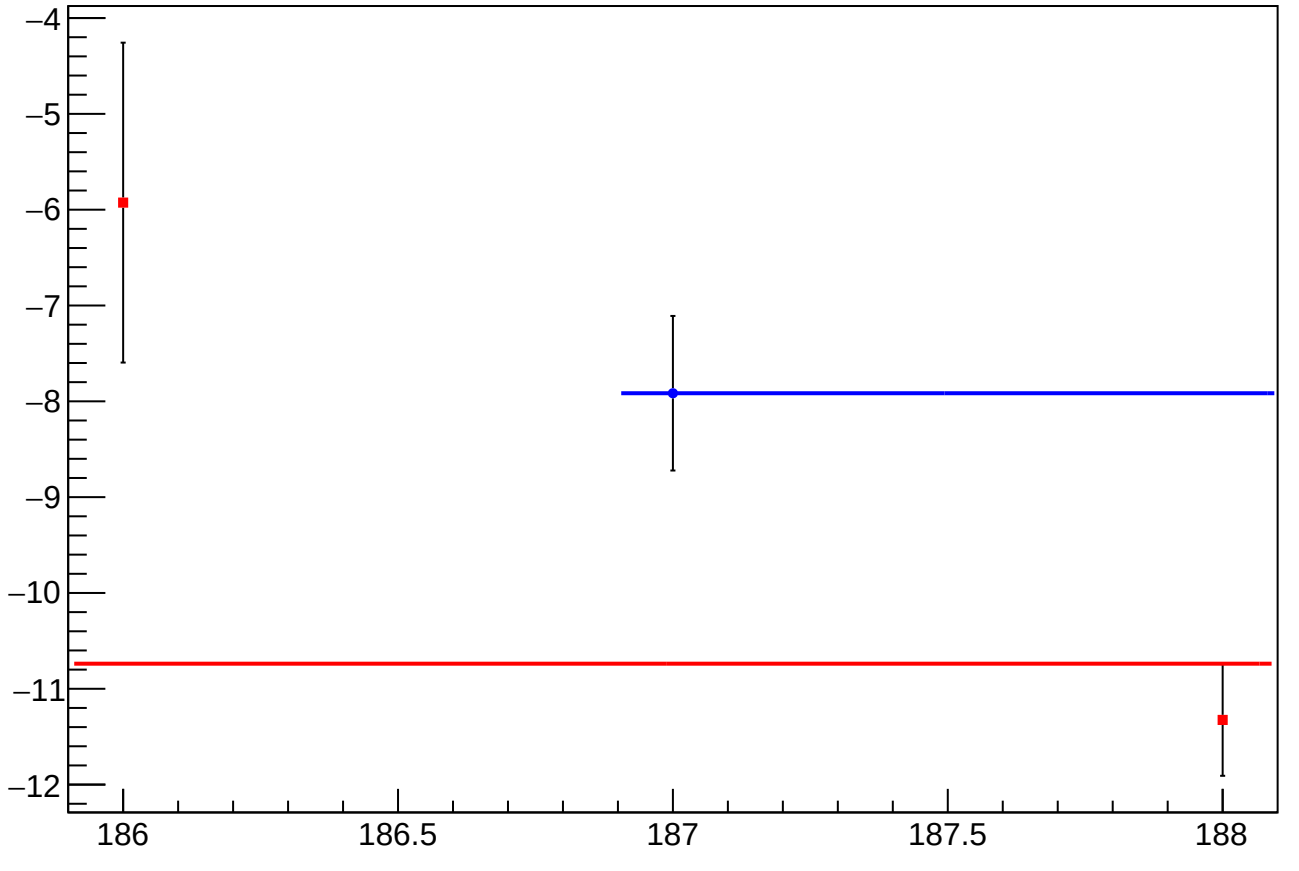
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -29.927+/-0.900 χ^2/NDF: 3.6/2

In: -27.972+/-1.587 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -29.927+/-0.900 χ^2/NDF: 3.6/2



Right In: -7.916+/-0.807 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.738+/-0.550 χ^2/NDF: 9.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

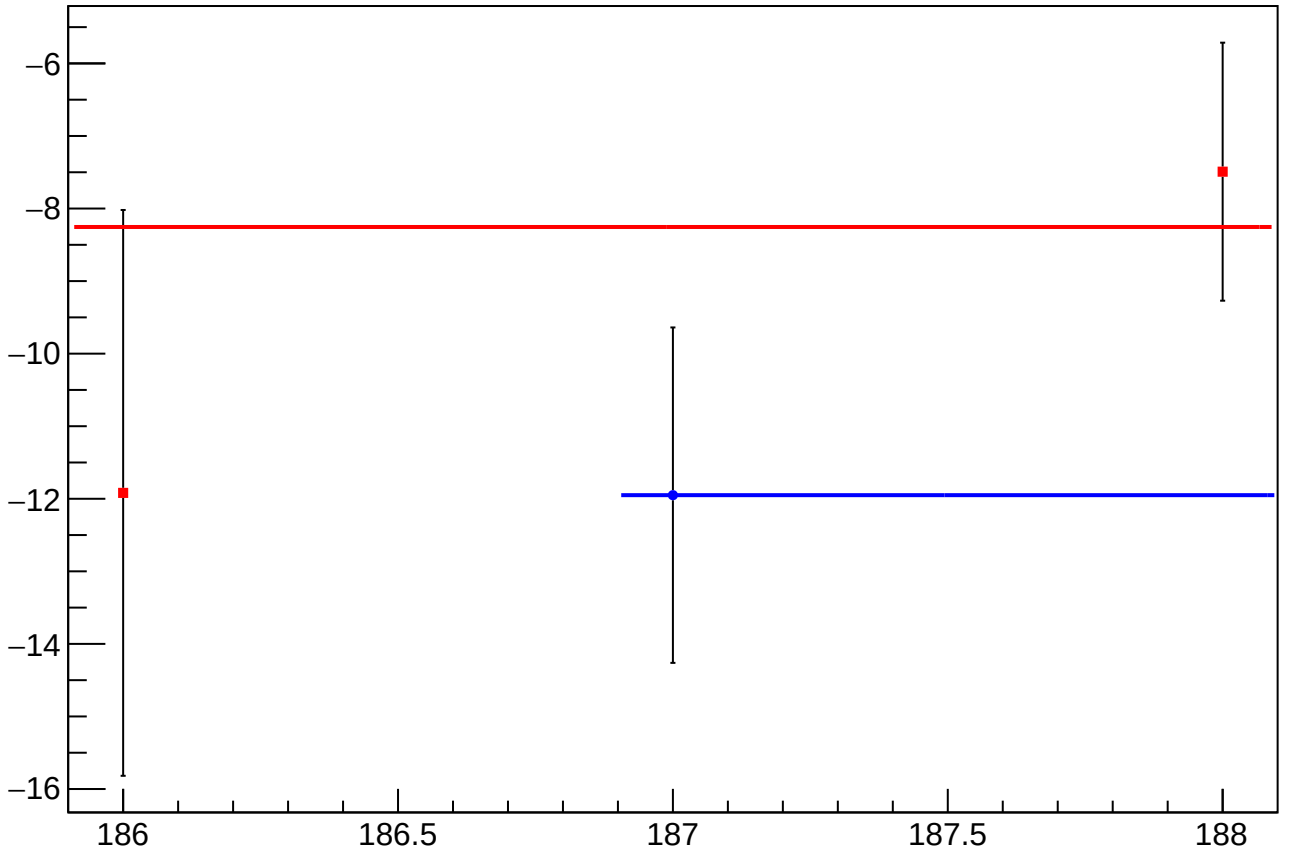
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -9.841+/-0.455 χ^2/NDF: 17.7/2

In: -7.916+/-0.807 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.841+/-0.455 χ^2/NDF: 17.7/2



Right In: -11.950+/-2.311 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.254+/-1.618 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

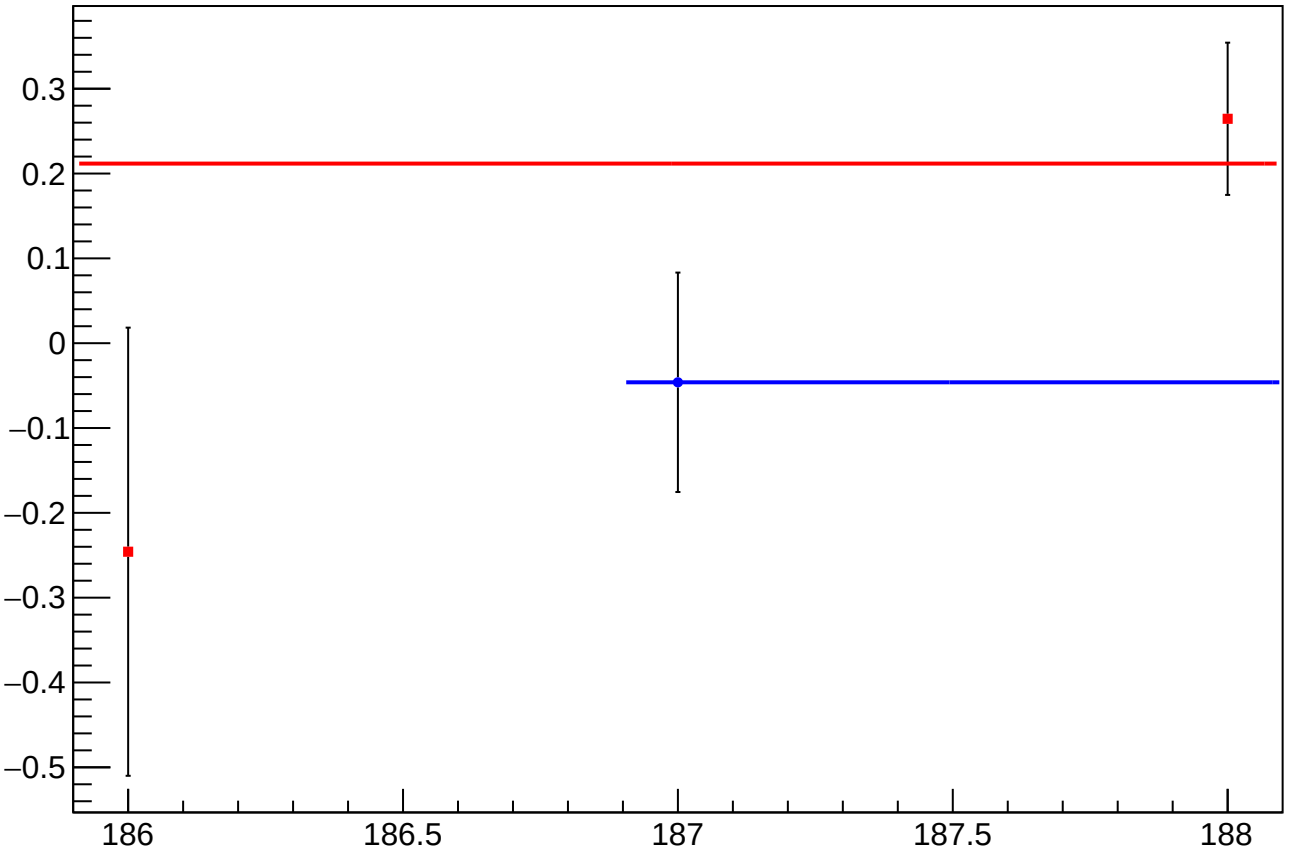
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -9.470+/-1.325 χ^2/NDF: 2.8/2

In: -11.950+/-2.311 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.470+/-1.325 χ^2/NDF: 2.8/2



Right In: -0.046+/-0.129 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.212+/-0.085 χ^2/NDF: 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

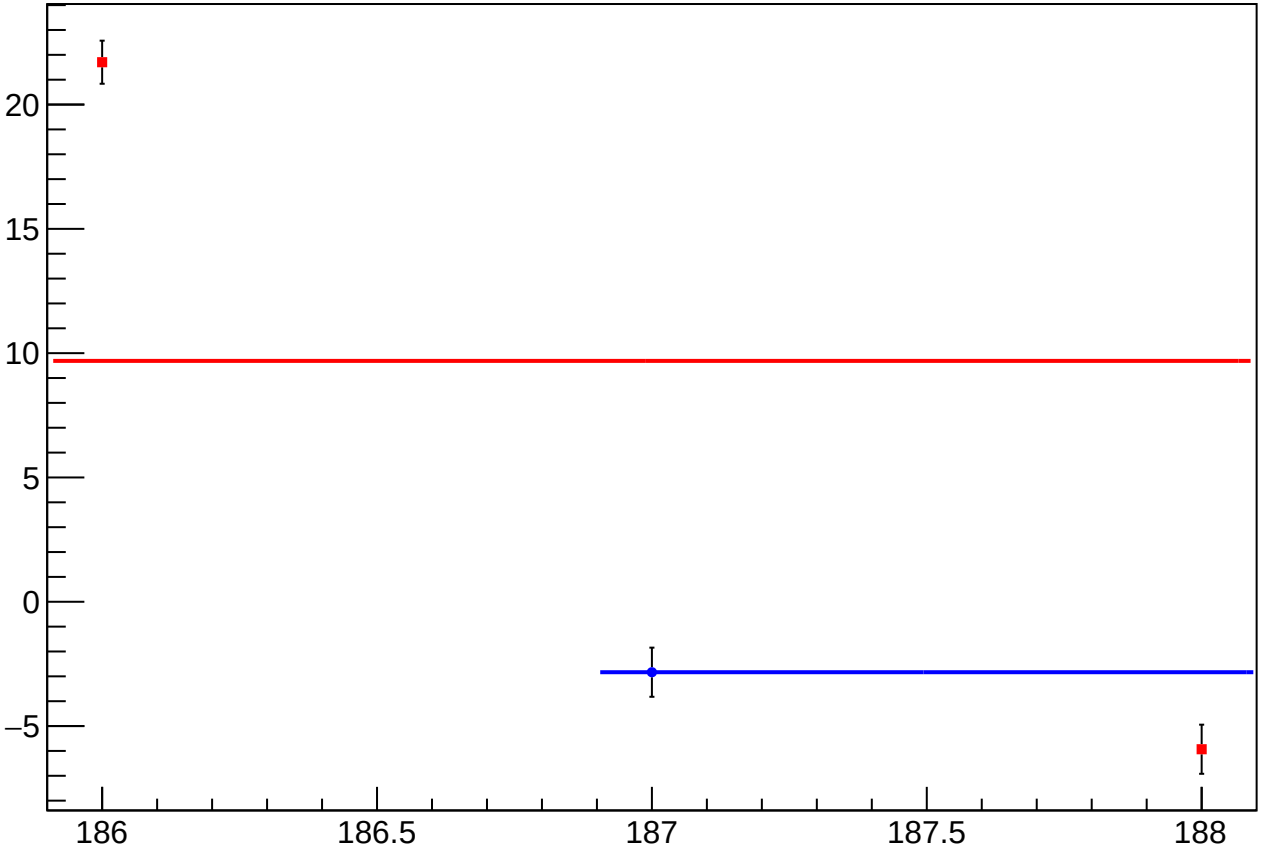
Right: 0.134+/-0.071 χ^2/NDF: 6.1/2

In: -0.046+/-0.129 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.134+/-0.071 χ^2/NDF: 6.1/2

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.834+/-0.988 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.689+/-0.651 χ^2/NDF: 442.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

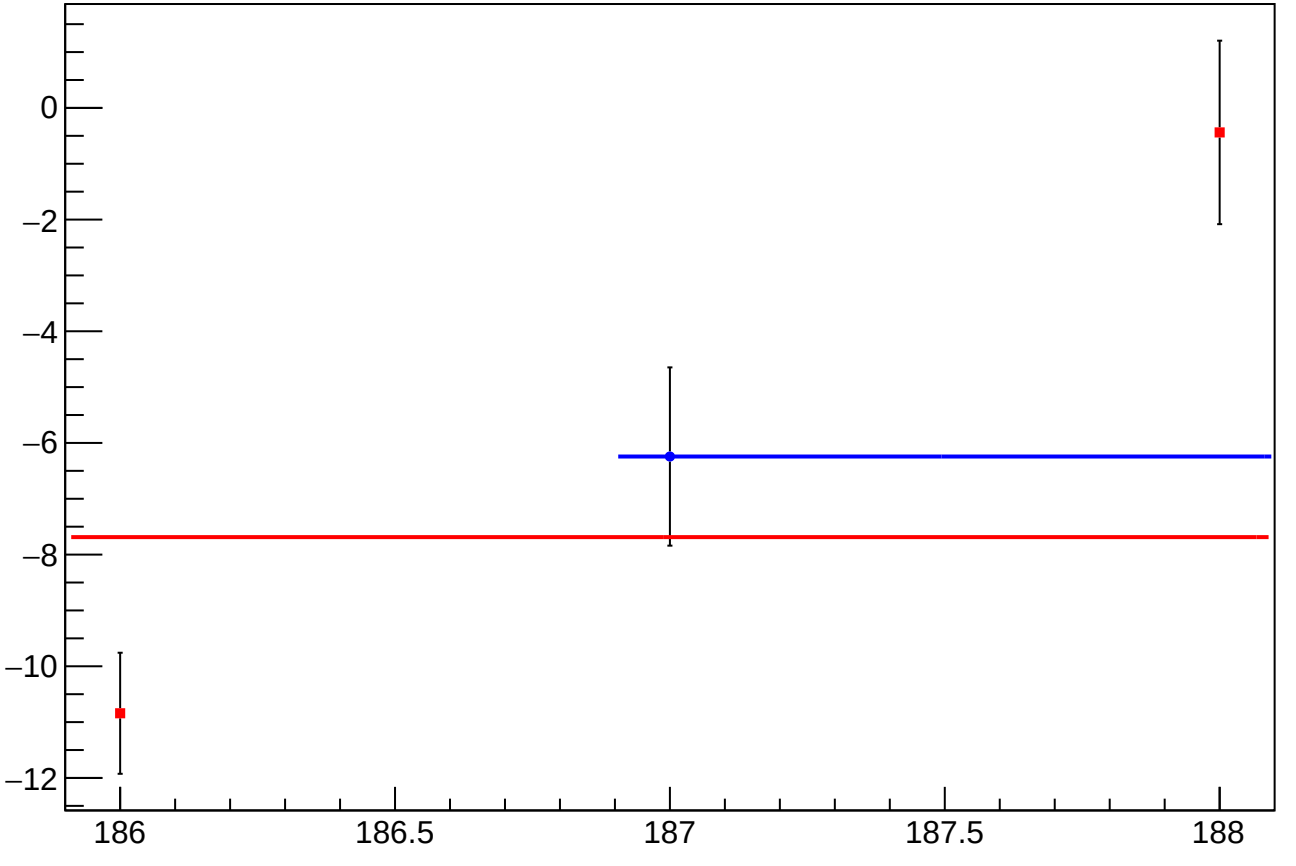
Right: 5.897+/-0.544 χ^2/NDF: 554.1/2

In: -2.834+/-0.988 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.897+/-0.544 χ^2/NDF: 554.1/2

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.243+/-1.596 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.687+/-0.905 χ^2/NDF: 27.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

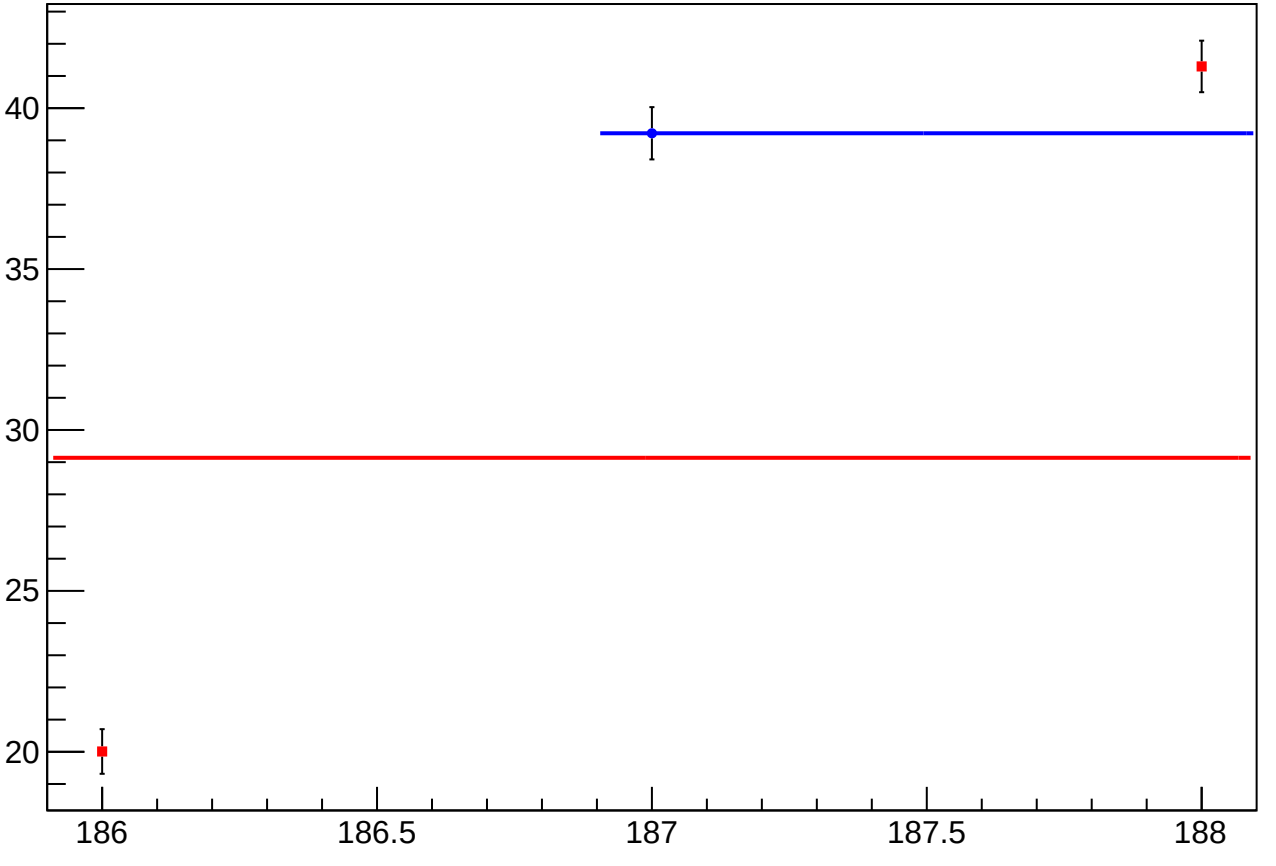
Right: -7.336+/-0.787 χ^2/NDF: 28.5/2

In: -6.243+/-1.596 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.336+/-0.787 χ^2/NDF: 28.5/2

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 39.220+/-0.812 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.136+/-0.524 χ^2/NDF: 403.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

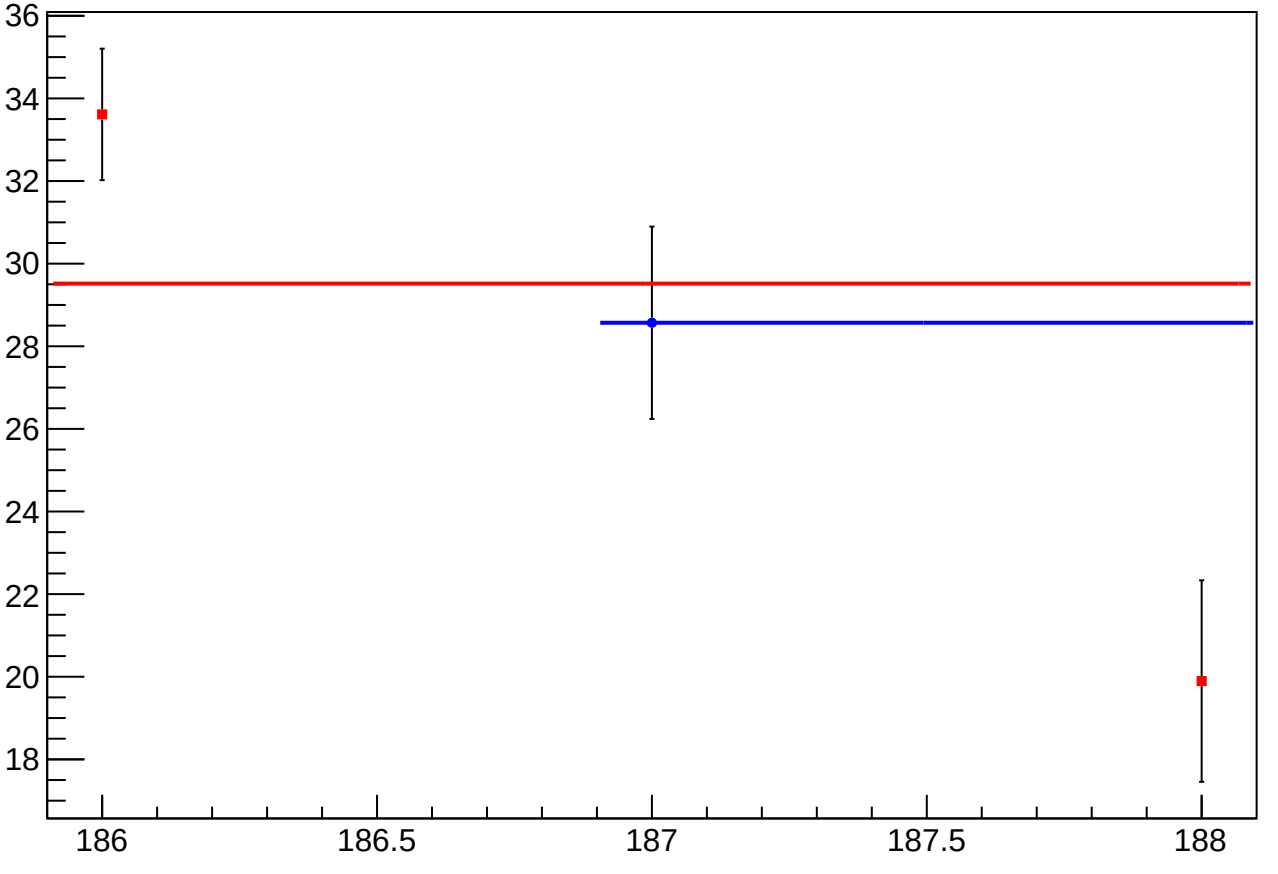
Right: 32.100+/-0.440 χ^2/NDF: 512.7/2

In: 39.220+/-0.812 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 32.100+/-0.440 χ^2/NDF: 512.7/2

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.569+/-2.327 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.517+/-1.333 χ^2/NDF: 22.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

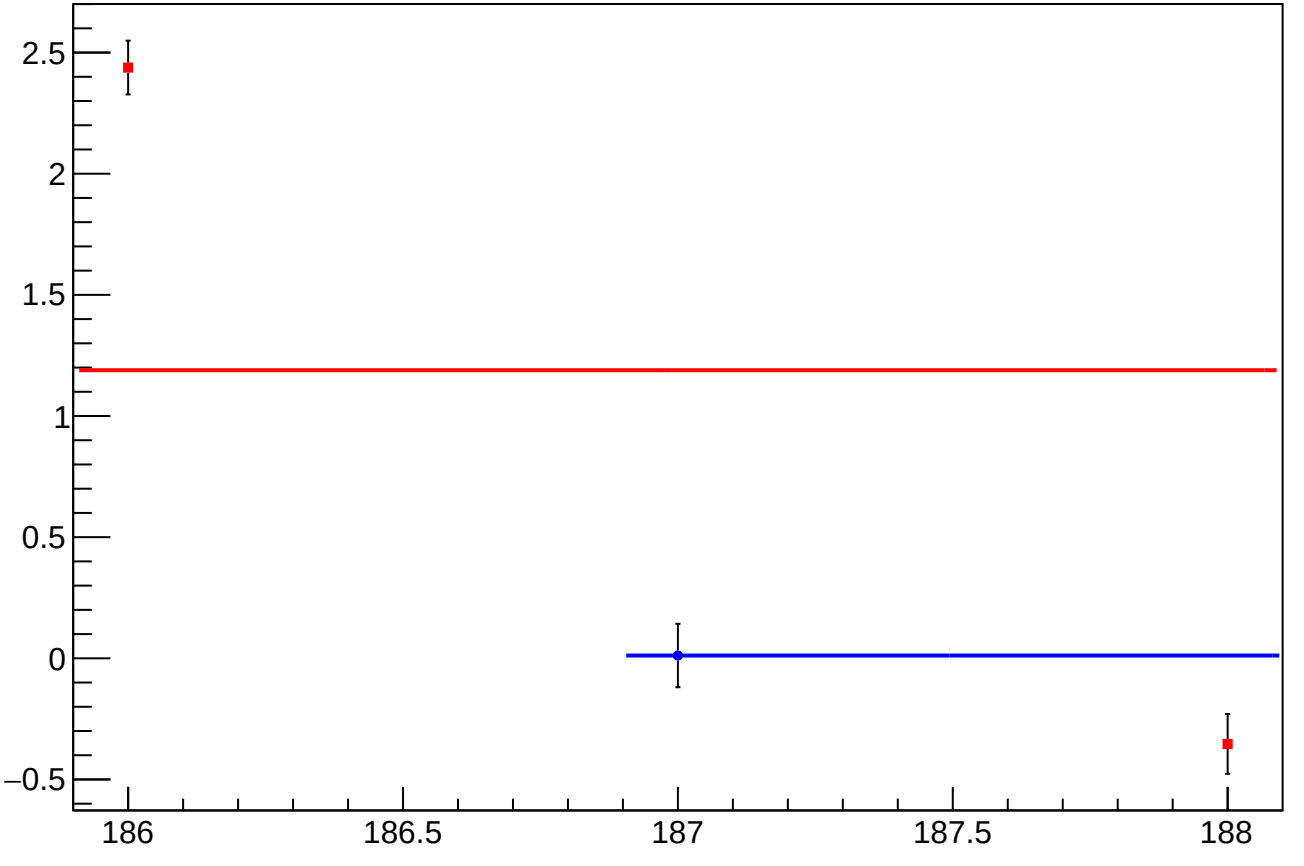
Right: 29.283+/-1.157 χ^2/NDF: 22.3/2

In: 28.569+/-2.327 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 29.283+/-1.157 χ^2/NDF: 22.3/2

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.131 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.189+/-0.082 χ^2/NDF: 283.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

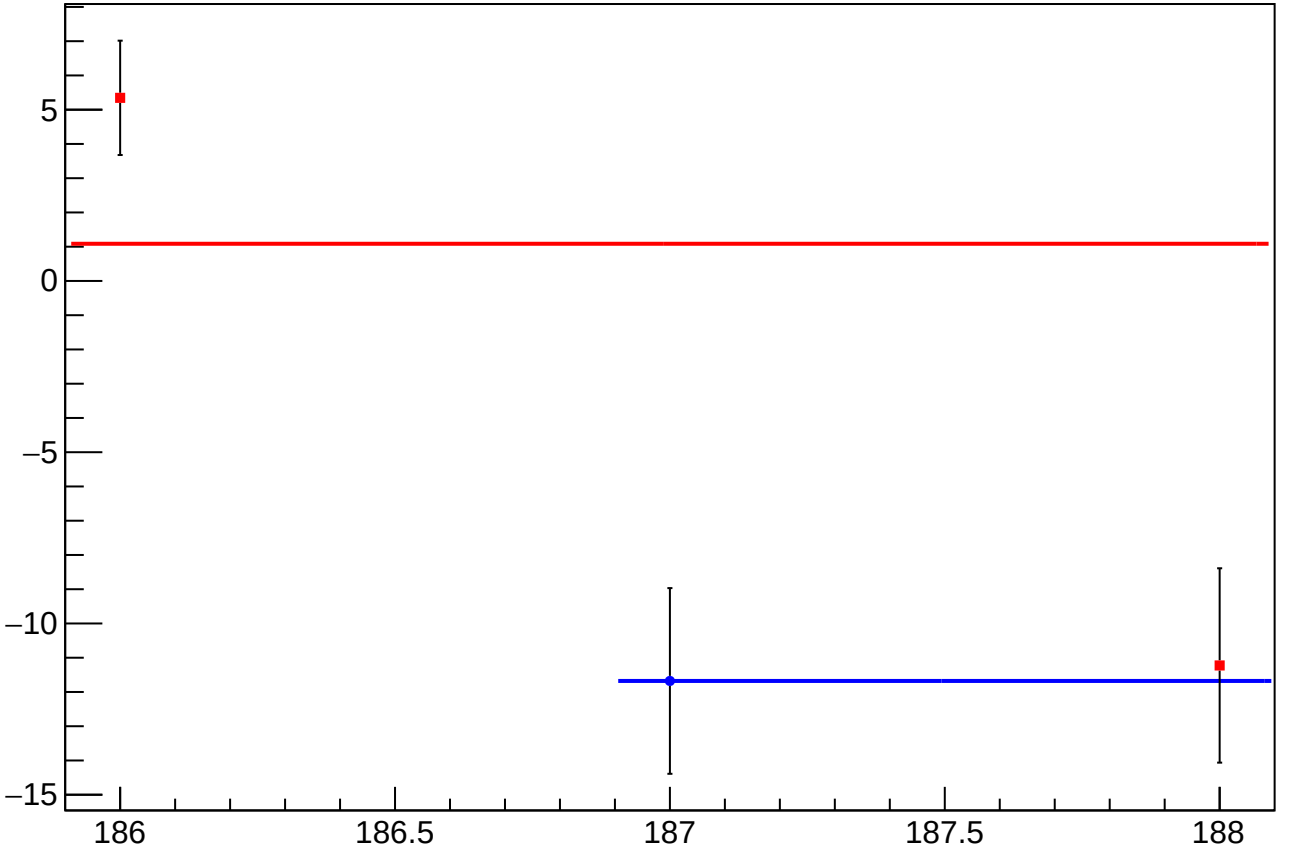
Right: 0.854+/-0.070 χ^2/NDF: 341.2/2

In: 0.011+/-0.131 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.854+/-0.070 χ^2/NDF: 341.2/2

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.678+/-2.711 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.086+/-1.439 χ^2/NDF: 25.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

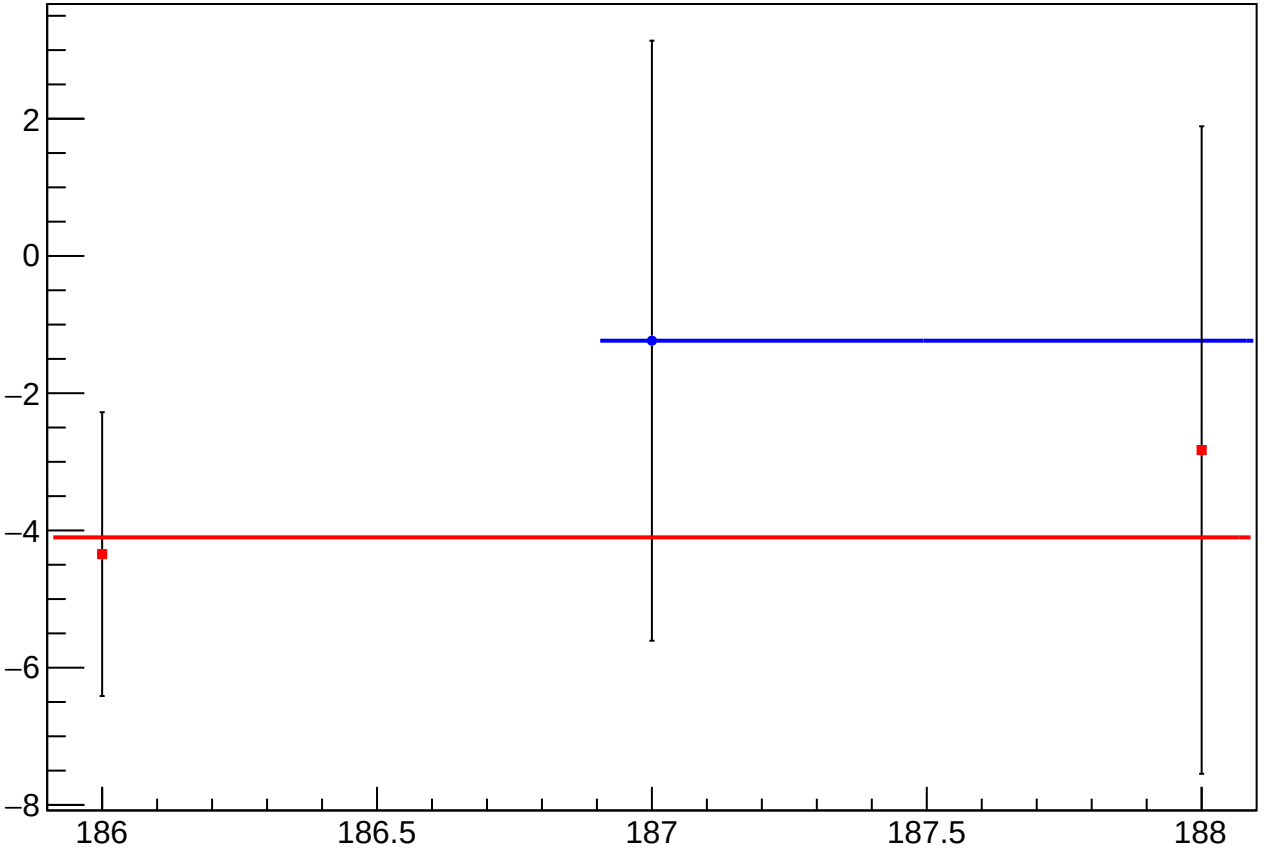
Right: -1.719+/-1.271 χ^2/NDF: 42.6/2

In: -11.678+/-2.711 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.719+/-1.271 χ^2/NDF: 42.6/2

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.235+/-4.373 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.101+/-1.894 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

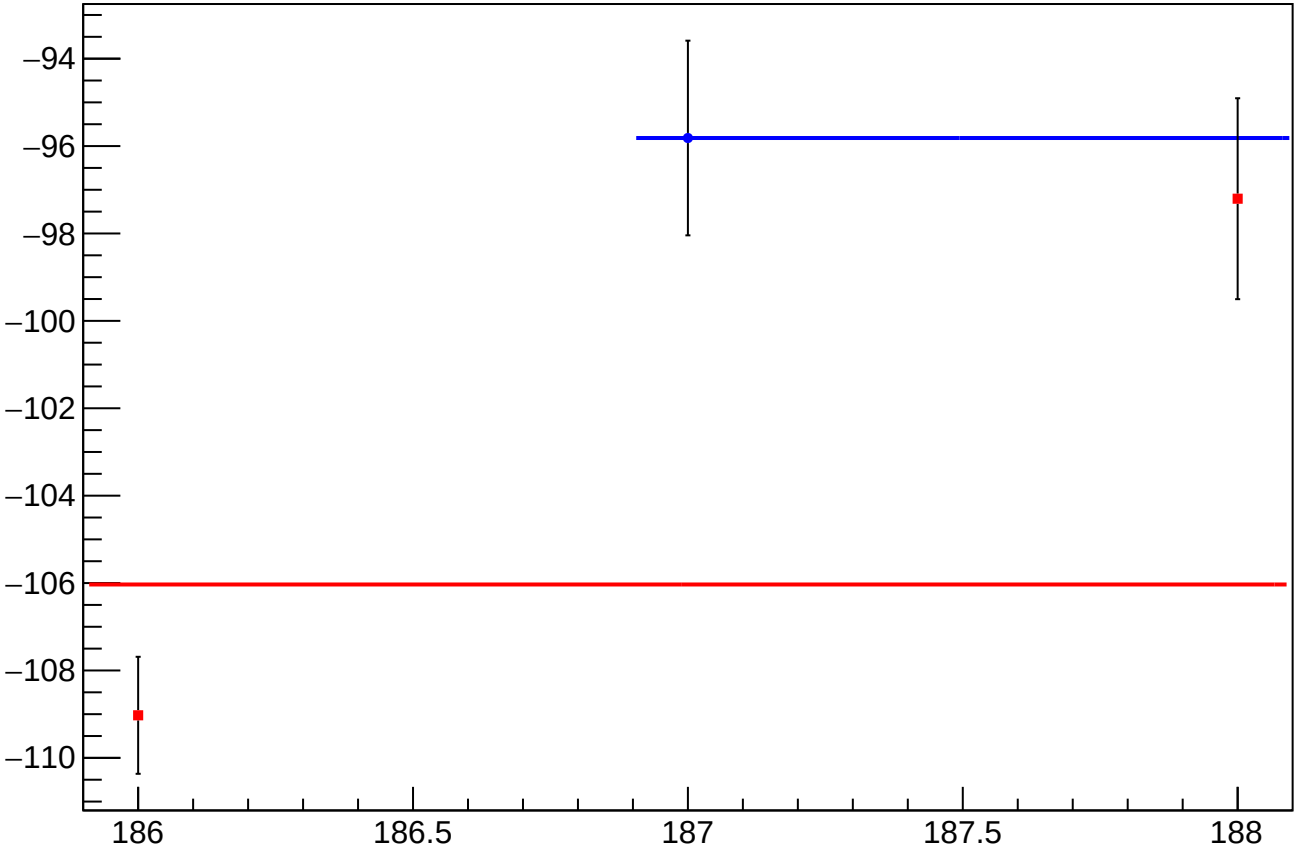
Right: -3.648+/-1.738 χ^2/NDF: 0.4/2

In: -1.235+/-4.373 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.648+/-1.738 χ^2/NDF: 0.4/2

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.816+/-2.227 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -106.032+/-1.157 χ^2/NDF: 19.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

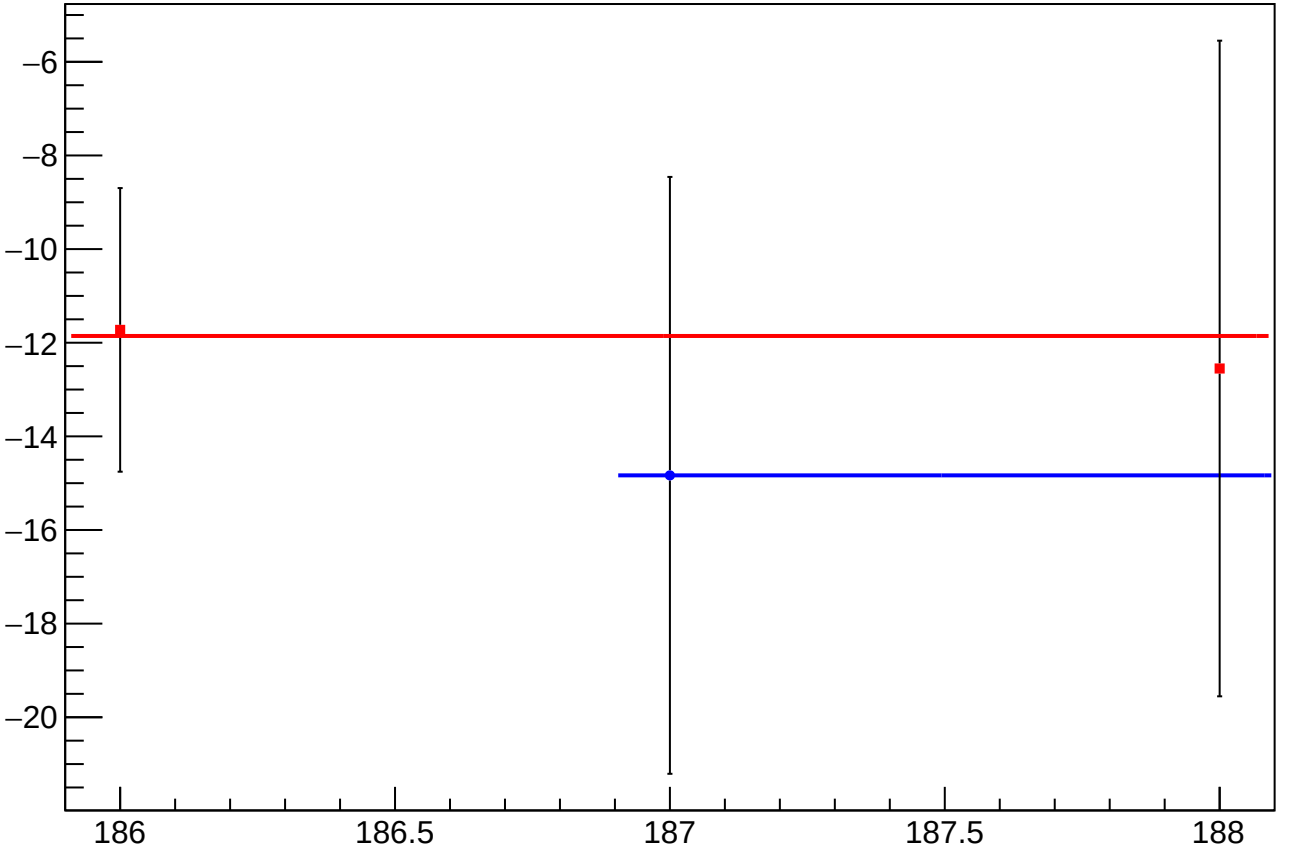
Right: -103.862+/-1.027 χ^2/NDF: 36.3/2

In: -95.816+/-2.227 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -103.862+/-1.027 χ^2/NDF: 36.3/2

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.833+/-6.375 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11.856+/-2.780 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

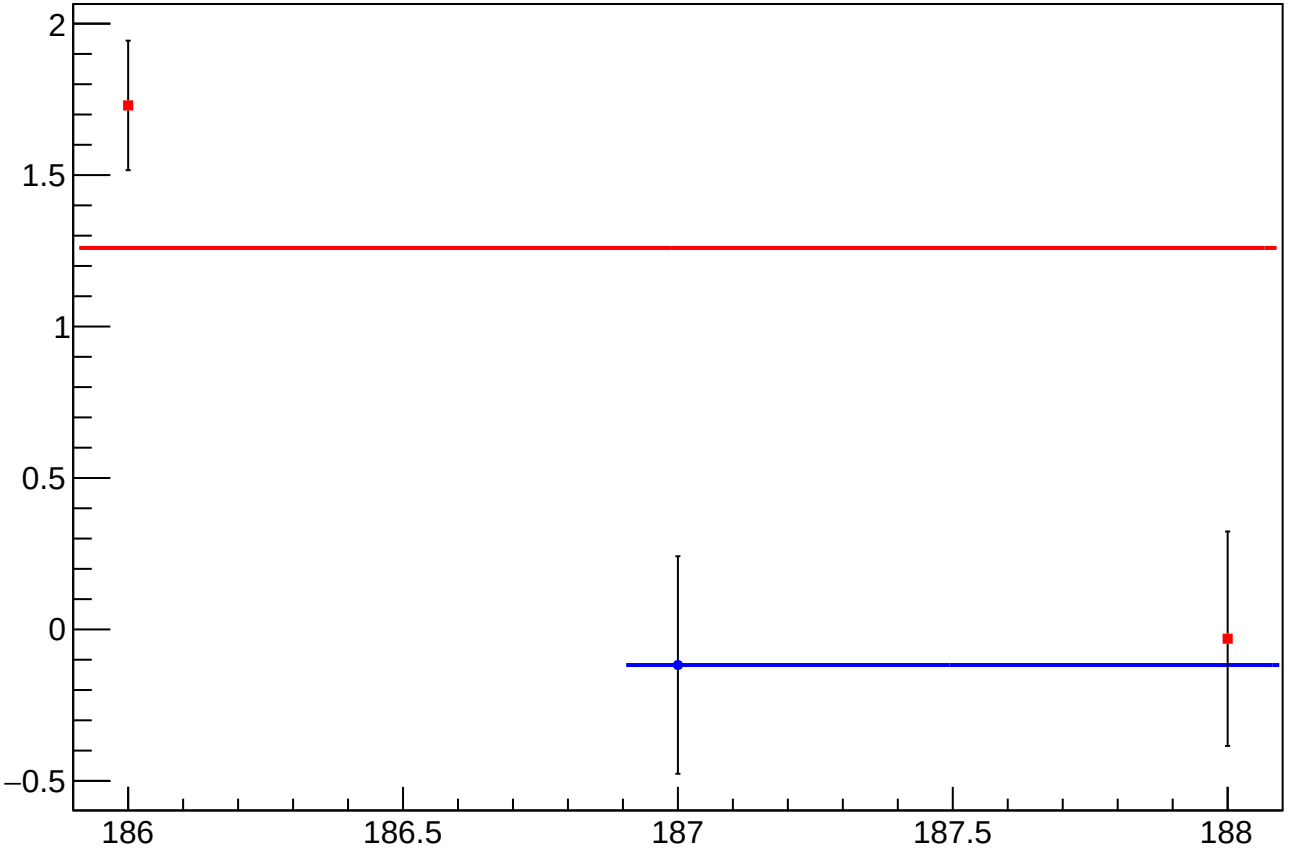
Right: -12.332+/-2.548 χ^2/NDF: 0.2/2

In: -14.833+/-6.375 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.332+/-2.548 χ^2/NDF: 0.2/2

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.117+/-0.359 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.259+/-0.183 χ^2/NDF: 18.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

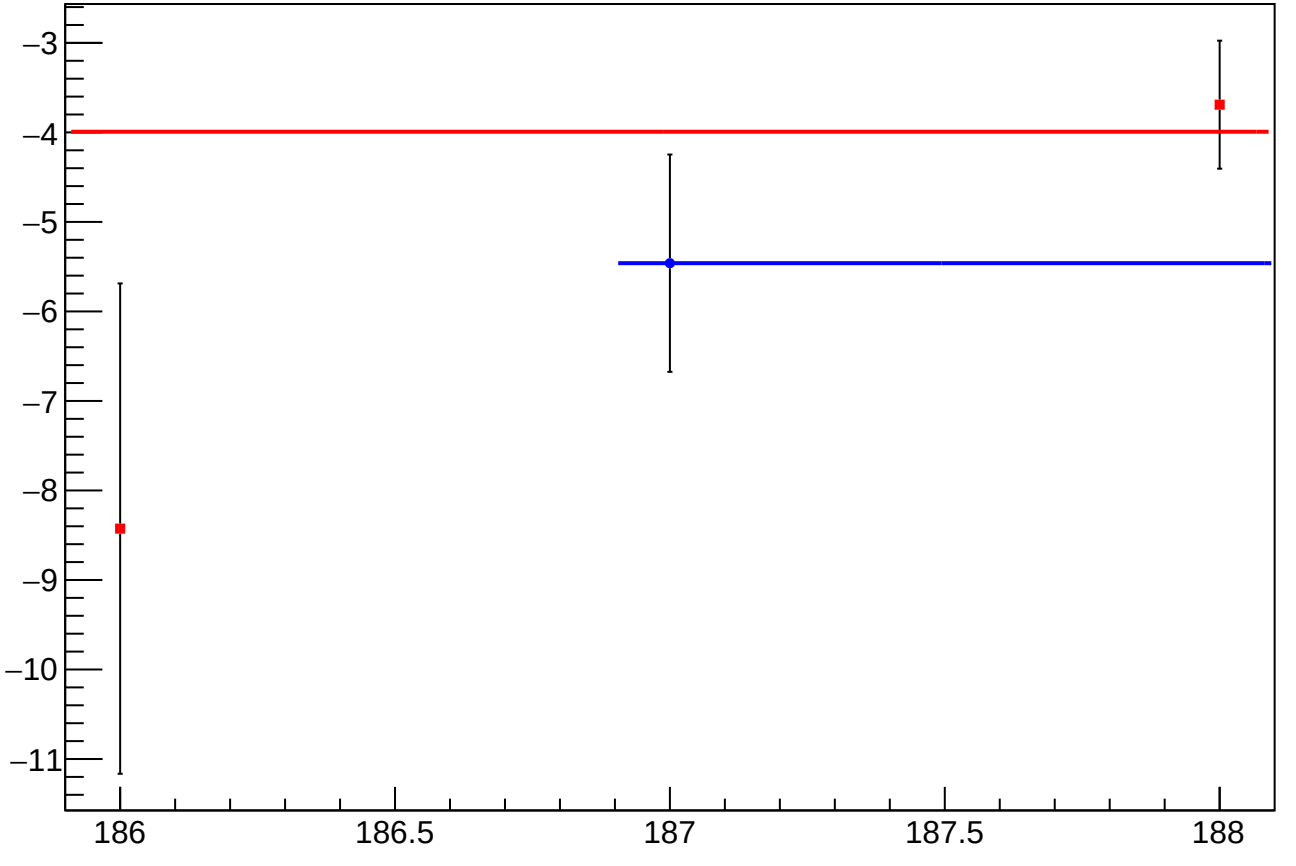
Right: 0.976+/-0.163 χ^2/NDF: 29.8/2

In: -0.117+/-0.359 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.976+/-0.163 χ^2/NDF: 29.8/2

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.461+/-1.214 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.993+/-0.692 χ^2/NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

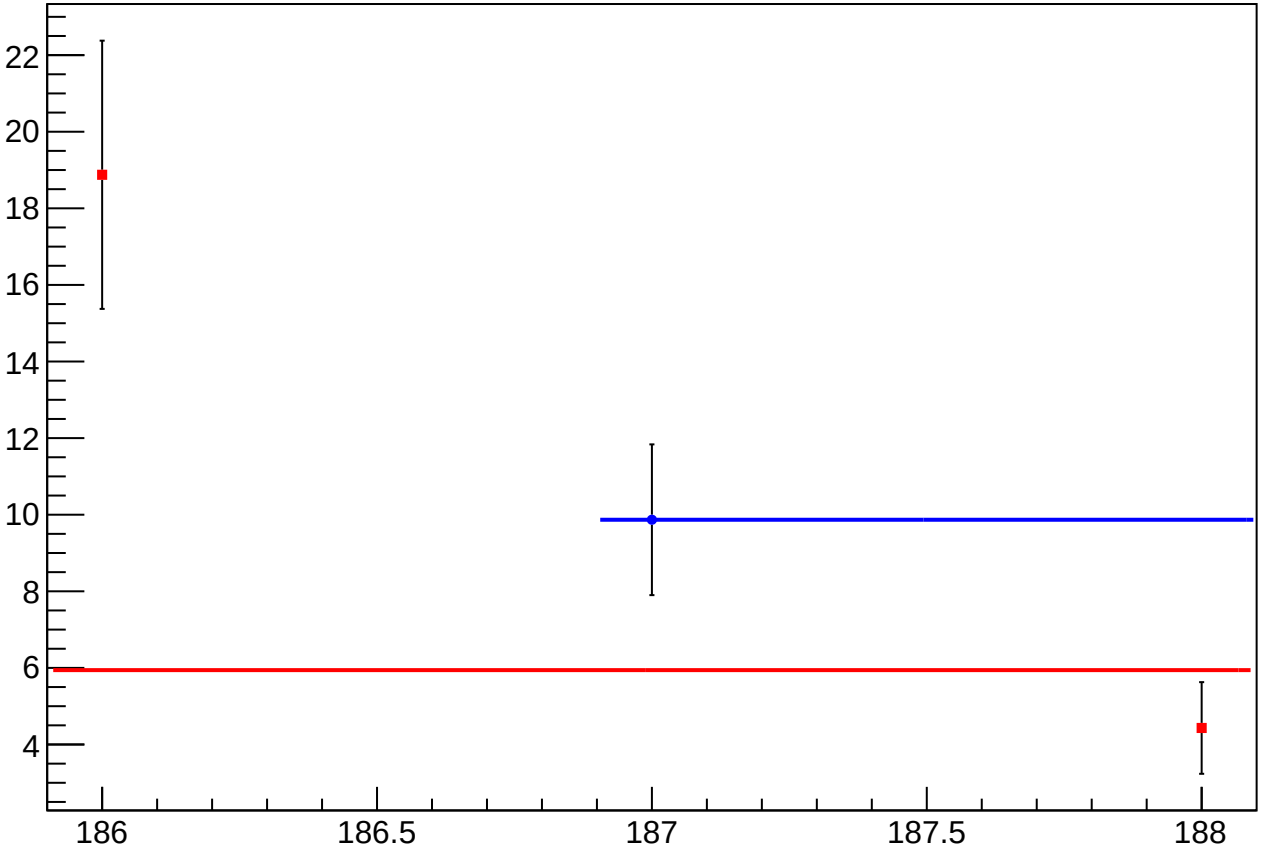
Right: -4.353+/-0.601 χ^2/NDF: 3.9/2

In: -5.461+/-1.214 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.353+/-0.601 χ^2/NDF: 3.9/2

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.868+/-1.968 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.942+/-1.132 χ^2/NDF: 15.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

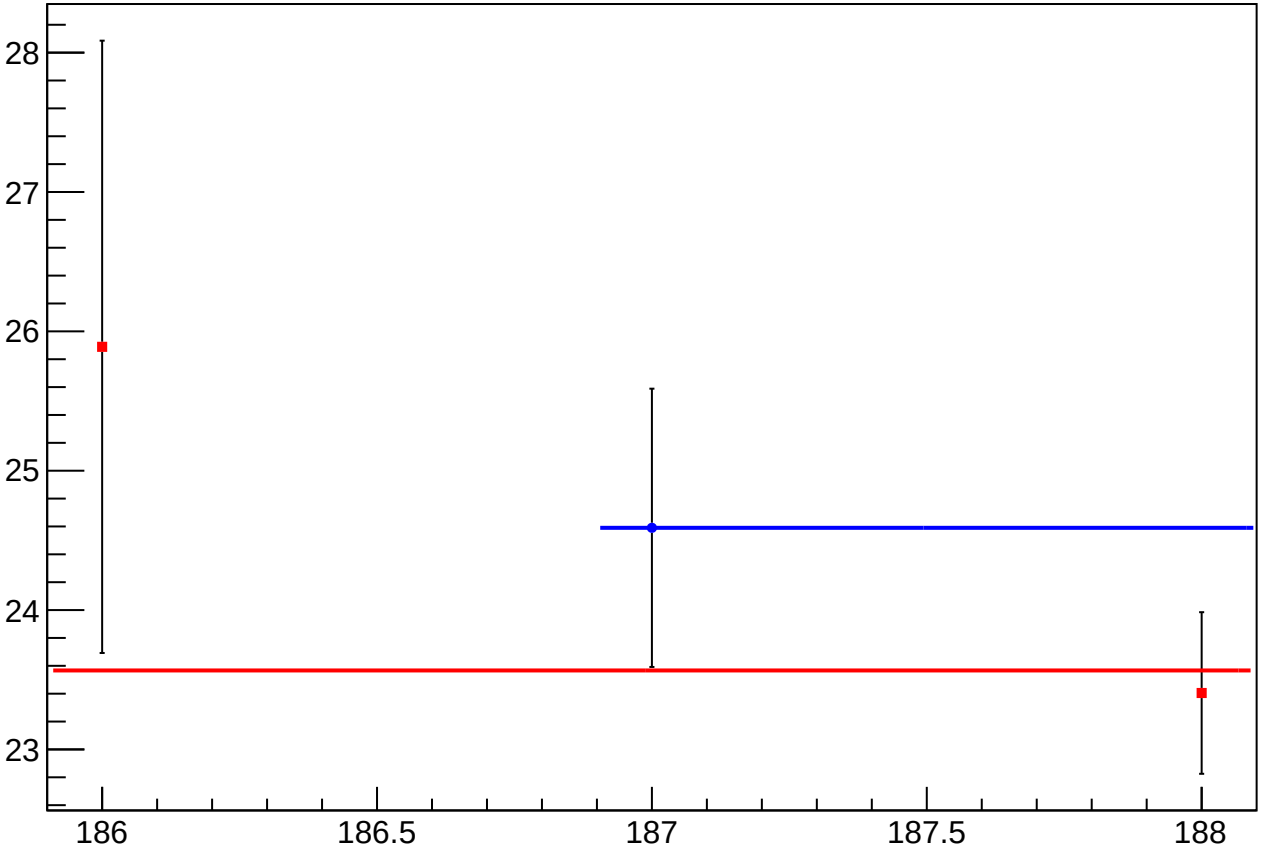
Right: 6.918+/-0.982 χ^2/NDF: 18.2/2

In: 9.868+/-1.968 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.918+/-0.982 χ^2/NDF: 18.2/2

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.590+/-0.998 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.567+/-0.561 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

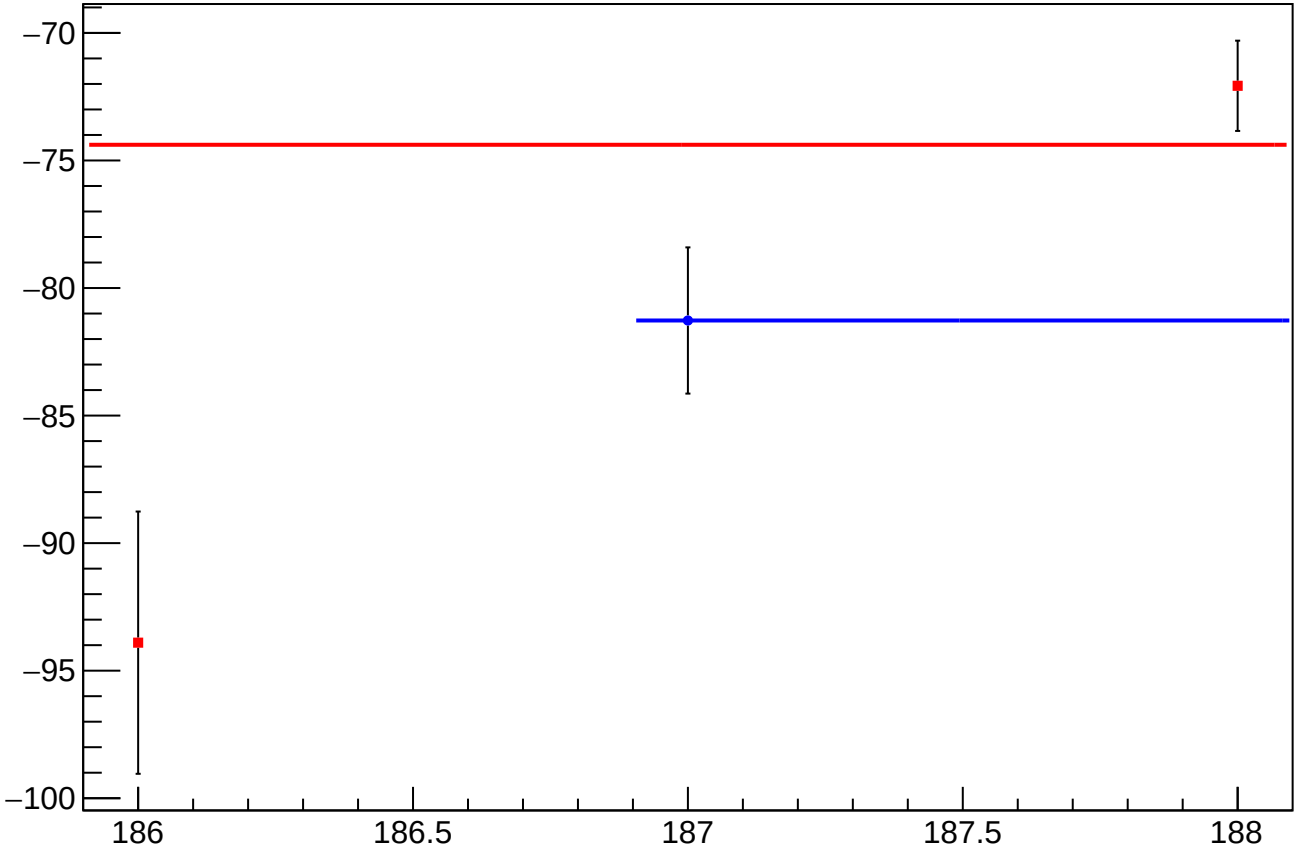
Right: 23.812+/-0.489 χ^2/NDF: 2.0/2

In: 24.590+/-0.998 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 23.812+/-0.489 χ^2/NDF: 2.0/2

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.273+/-2.866 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -74.384+/-1.673 χ^2/NDF: 16.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

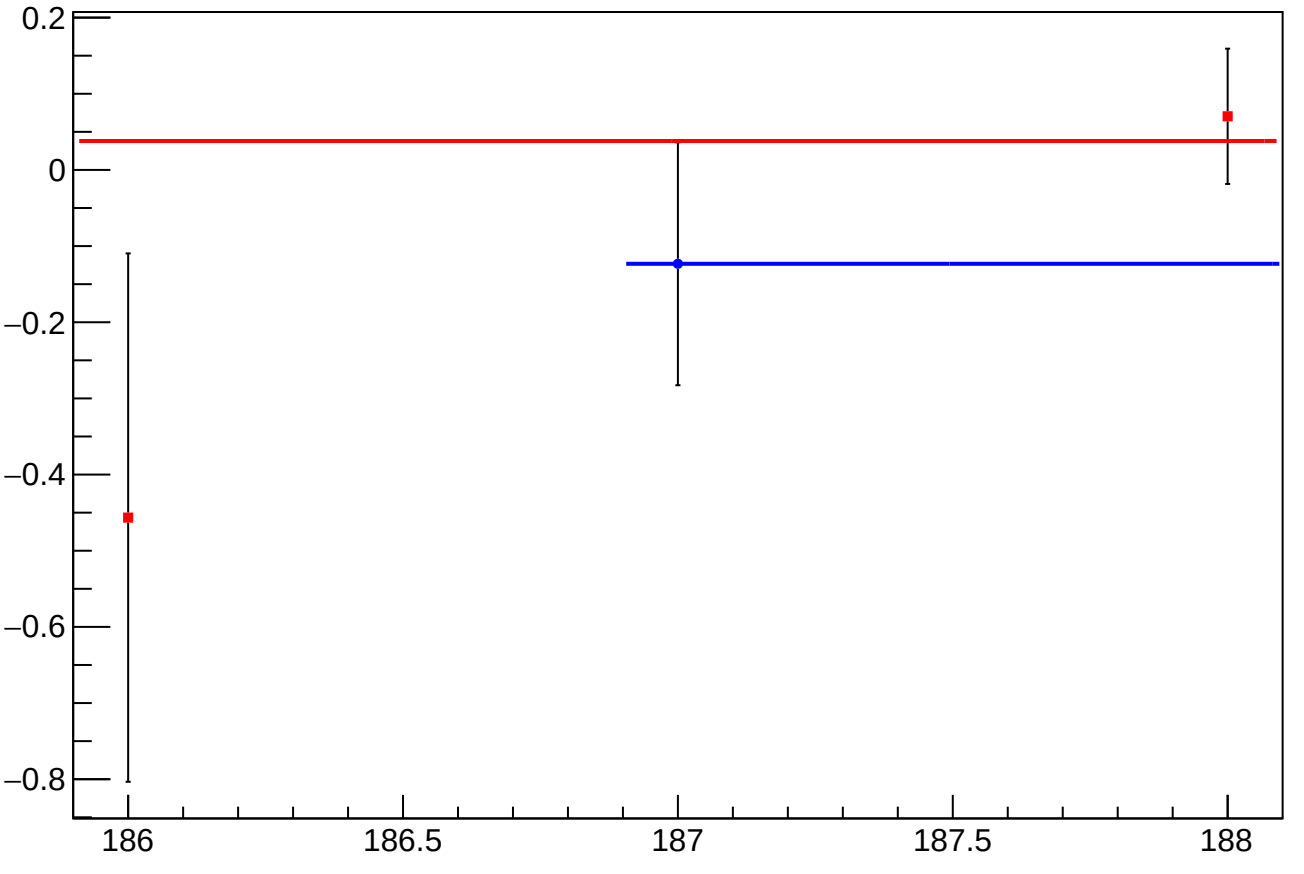
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -76.135+/-1.445 χ^2/NDF: 20.4/2

In: -81.273+/-2.866 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -76.135+/-1.445 χ^2/NDF: 20.4/2



Right In: -0.123+/-0.159 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.038+/-0.086 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

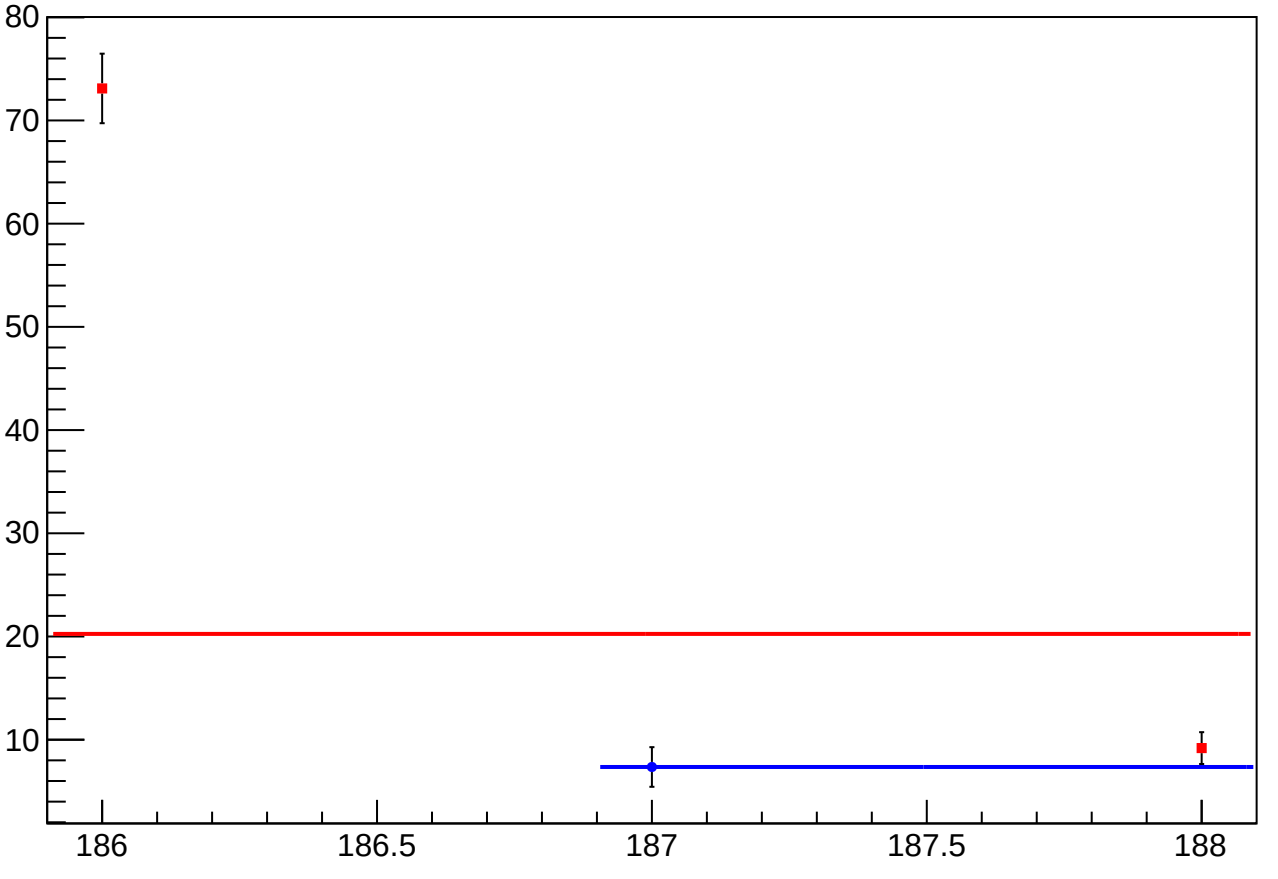
Right: 0.002+/-0.076 χ^2/NDF: 3.0/2

In: -0.123+/-0.159 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.002+/-0.076 χ^2/NDF: 3.0/2

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.358+/-1.920 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.251+/-1.401 χ^2/NDF: 297.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

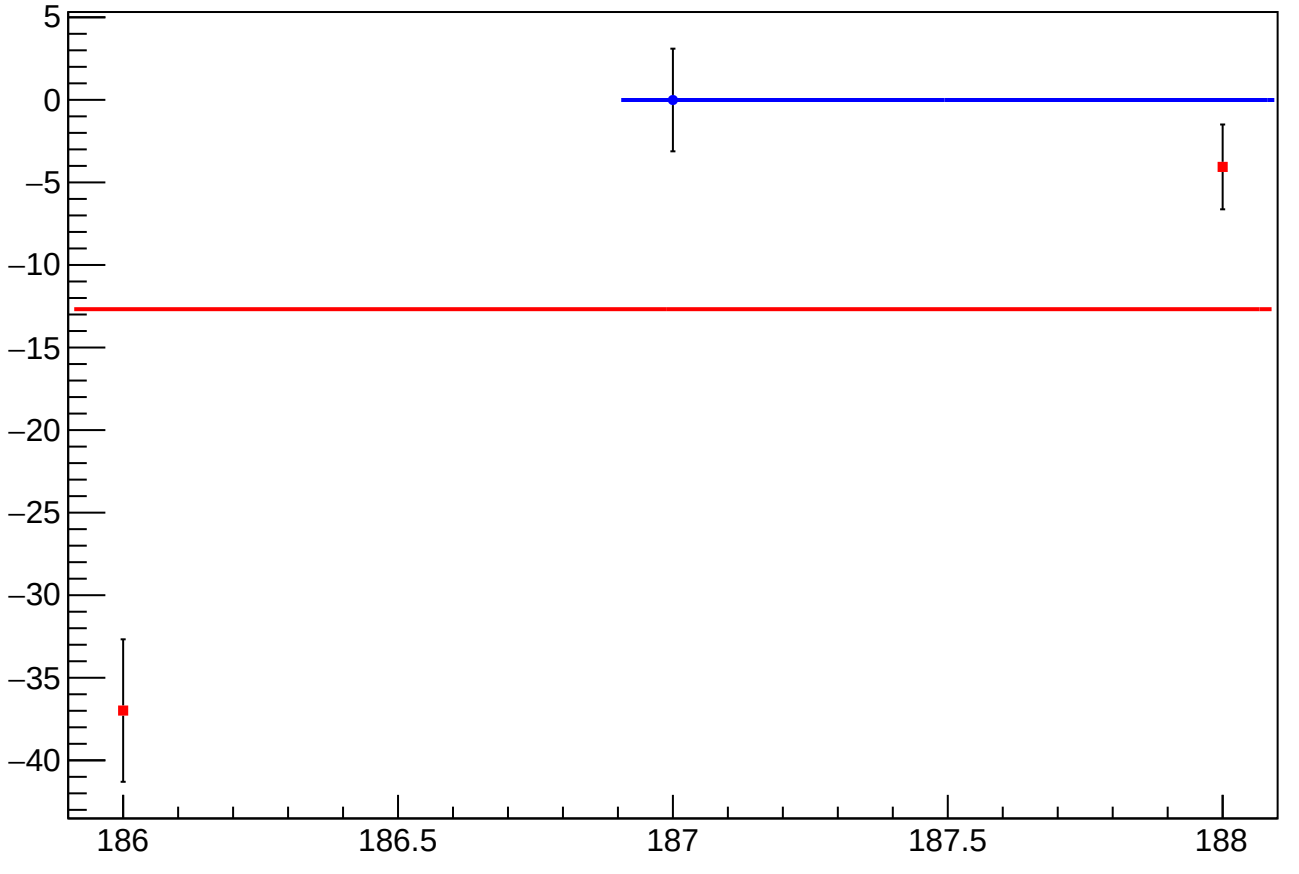
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 15.770+/-1.132 χ^2/NDF: 327.0/2

In: 7.358+/-1.920 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15.770+/-1.132 χ^2/NDF: 327.0/2



Right In: -0.009+/-3.109 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.678+/-2.207 χ^2/NDF: 43.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

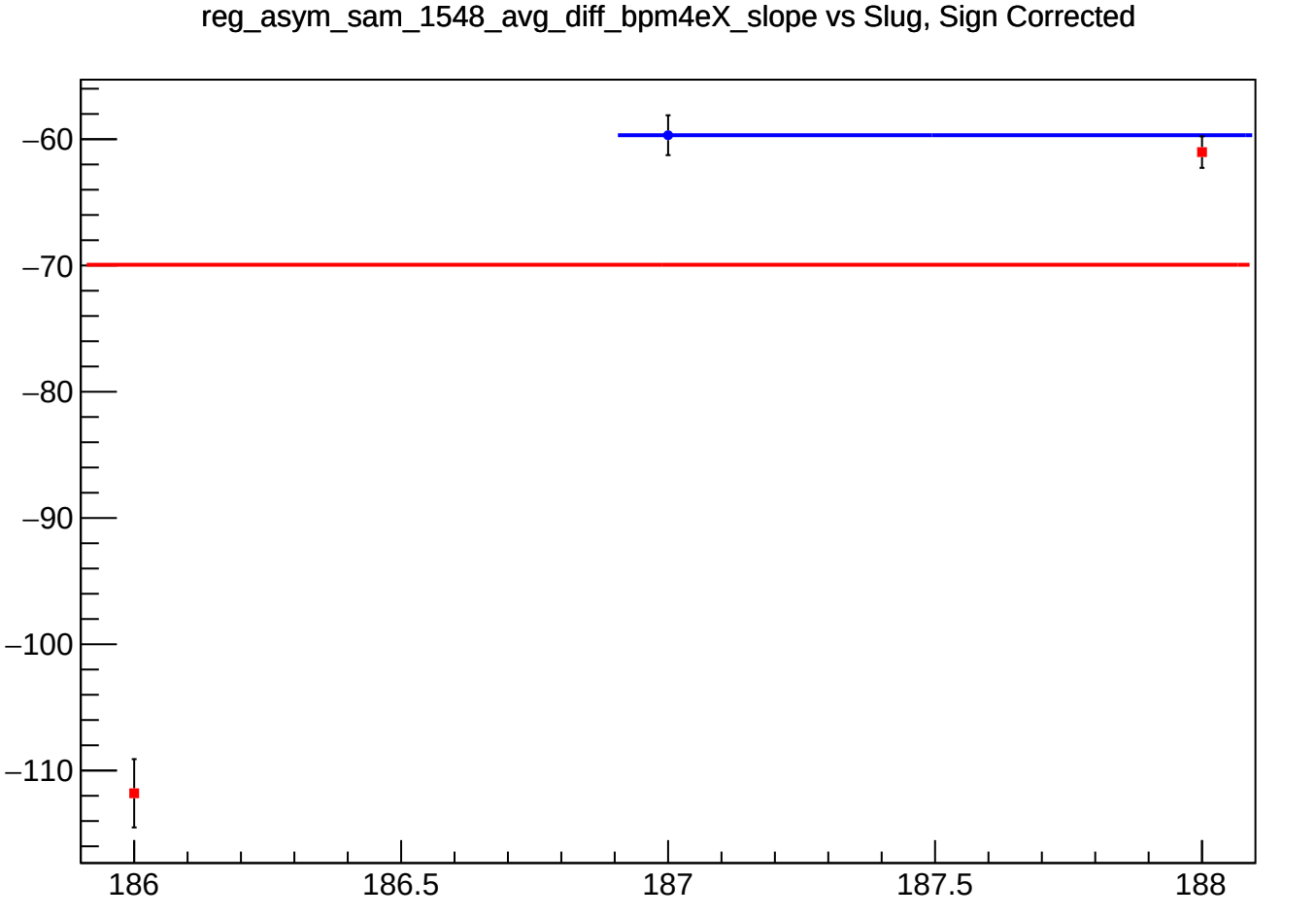
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.432+/-1.800 χ^2/NDF: 54.0/2

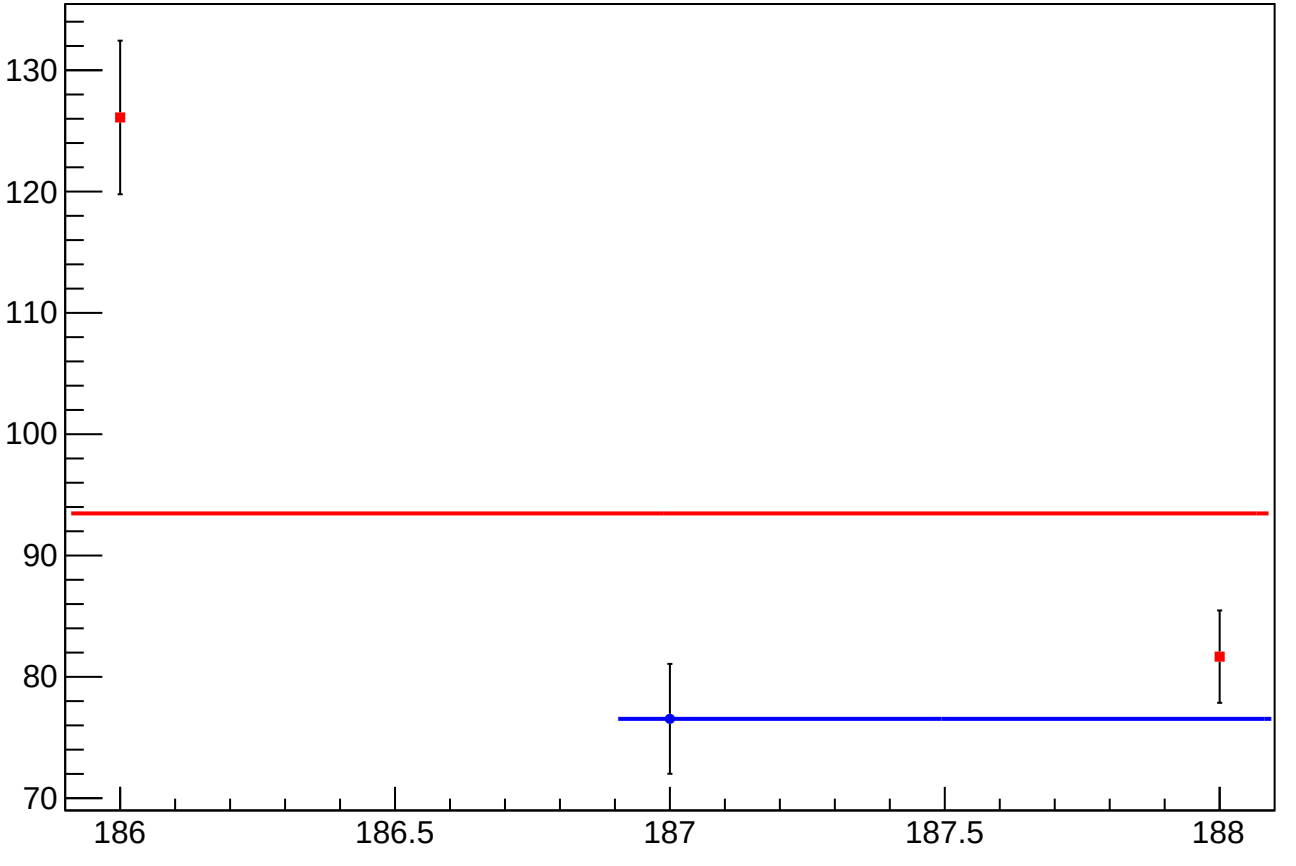
In: -0.009+/-3.109 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.432+/-1.800 χ^2/NDF: 54.0/2


reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−60
−70
−80
−90
−100
−110
186
186.5
187
187.5
188
Right In: -59.683+/-1.579 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -69.943+/-1.134 χ2/NDF: 290.4/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -66.451+/-0.921 χ2/NDF: 318.2/2
In: -59.683+/-1.579 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -66.451+/-0.921 χ2/NDF: 318.2/2

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 76.539+/-4.529 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 93.472+/-3.262 χ^2/NDF: 36.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

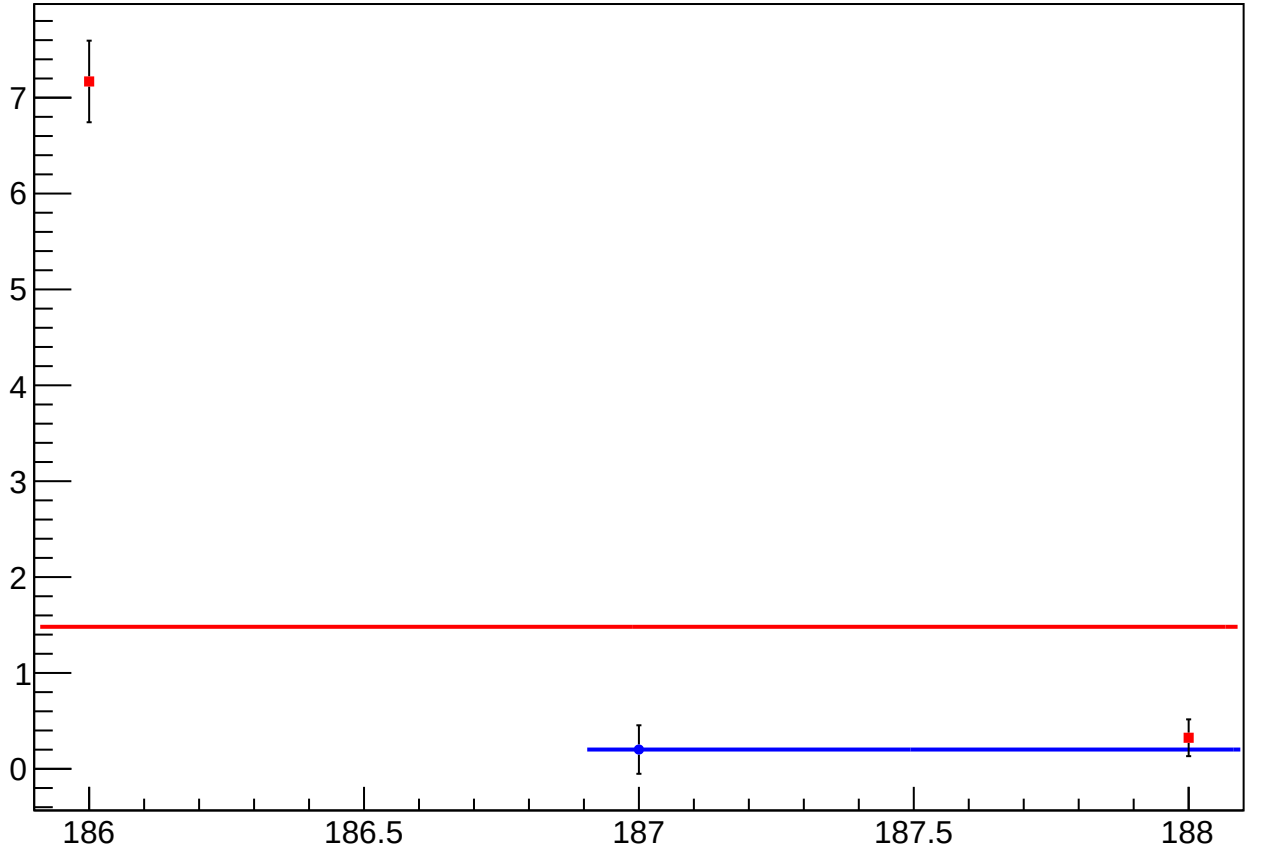
Right: 87.688+/-2.647 χ^2/NDF: 45.4/2

In: 76.539+/-4.529 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 87.688+/-2.647 χ^2/NDF: 45.4/2

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.253 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.481+/-0.175 χ^2/NDF: 215.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

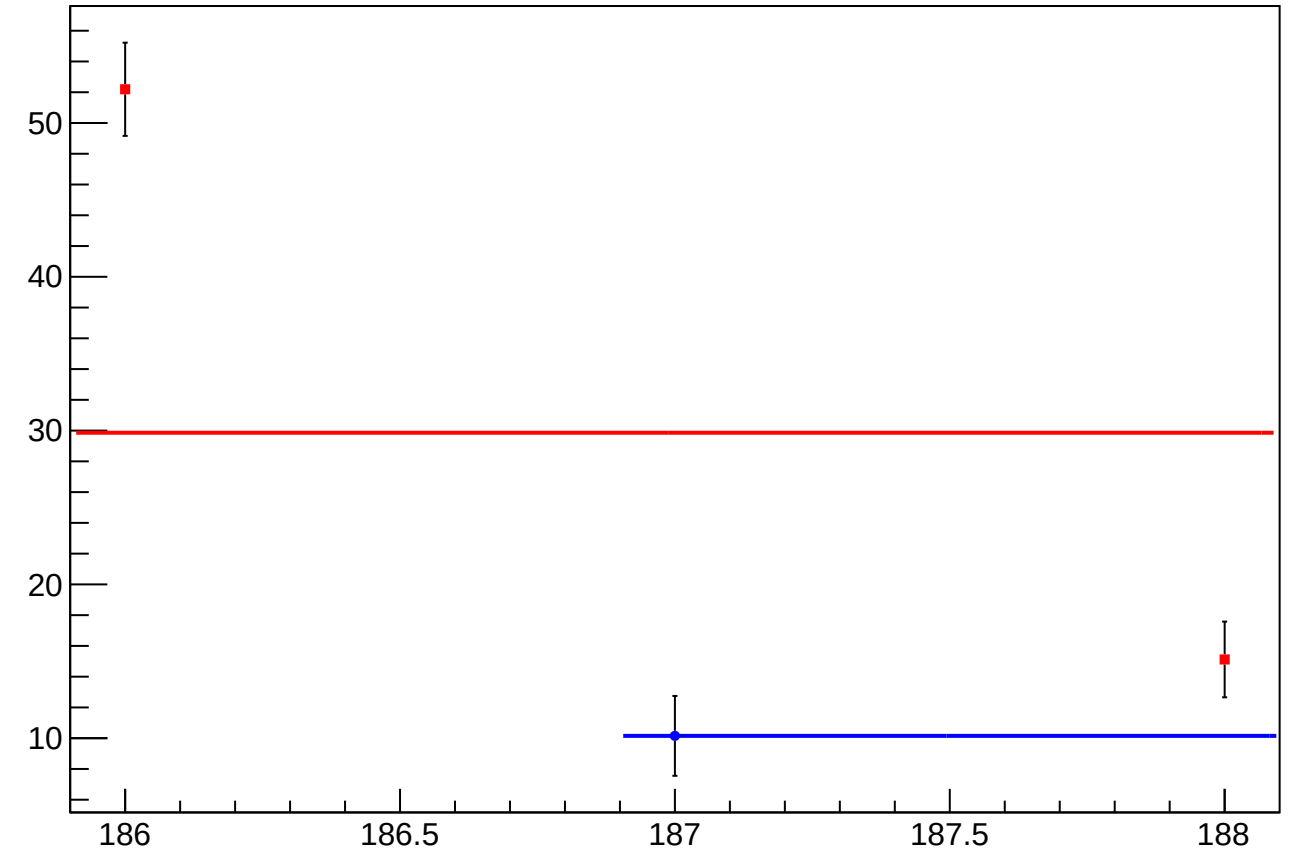
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.067+/-0.144 χ^2/NDF: 232.4/2

In: 0.201+/-0.253 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.067+/-0.144 χ^2/NDF: 232.4/2



Right In: 10.151+/-2.596 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.861+/-1.911 χ^2/NDF: 90.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

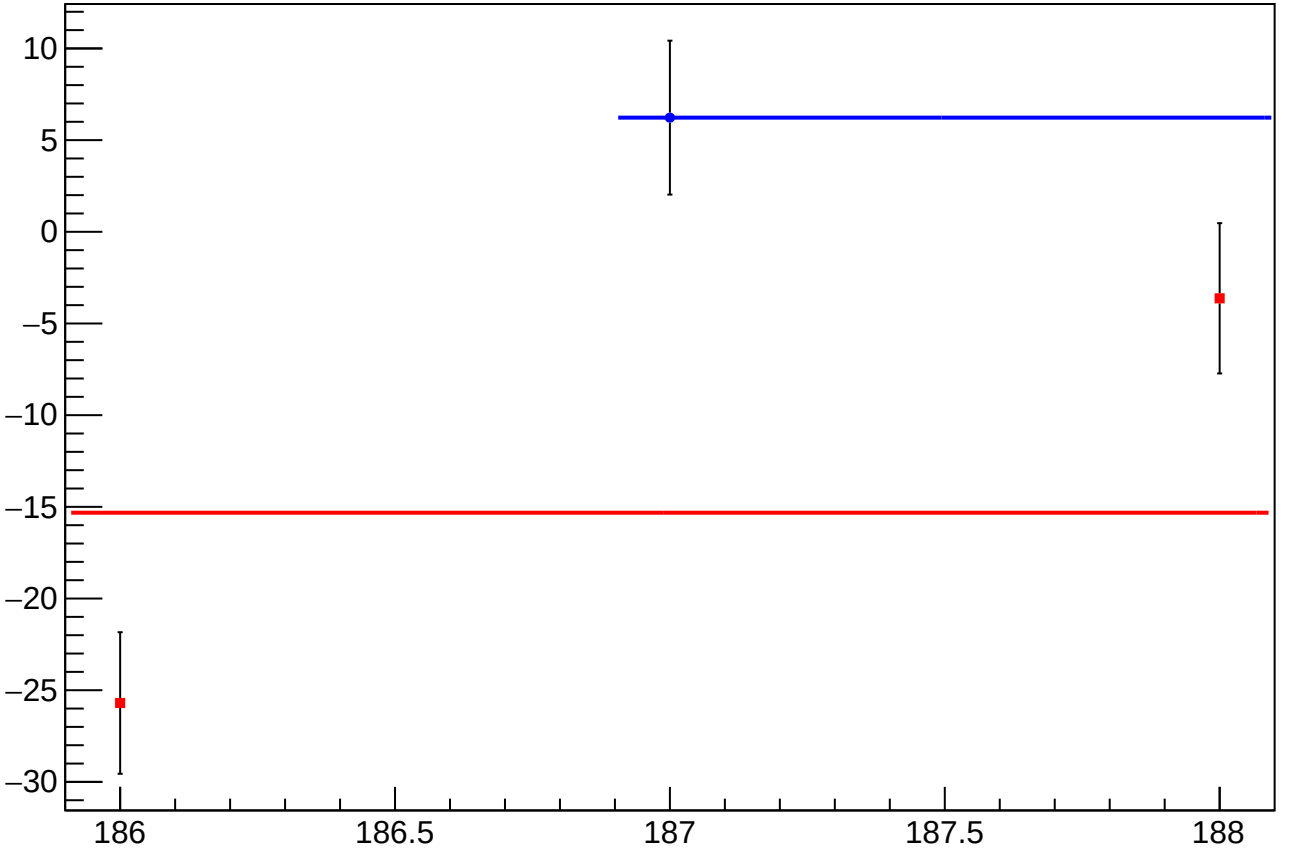
Right: 22.934+/-1.539 χ^2/NDF: 127.6/2

In: 10.151+/-2.596 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.934+/-1.539 χ^2/NDF: 127.6/2

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.227+/-4.197 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.320+/-2.810 χ^2/NDF: 15.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

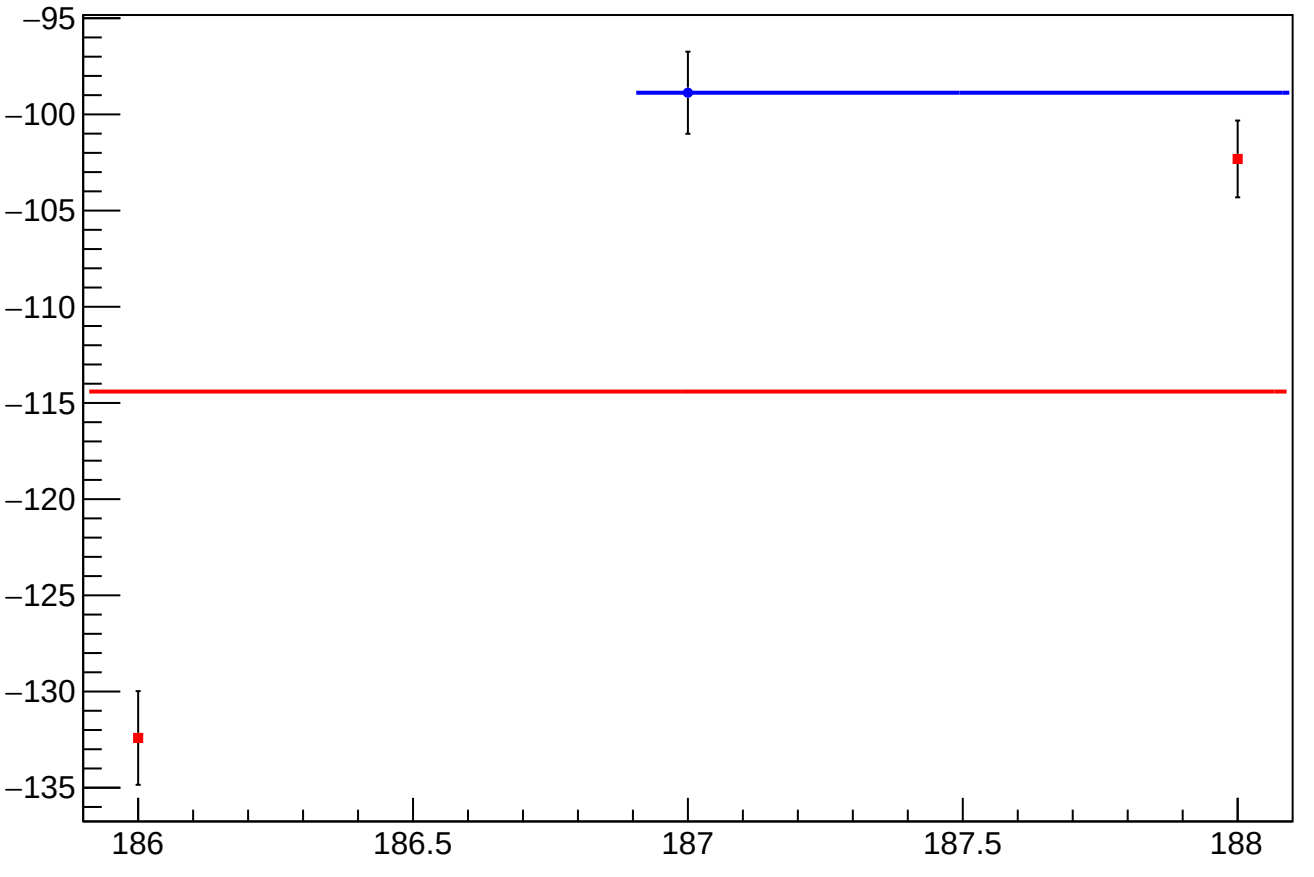
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.652+/-2.335 χ^2/NDF: 33.6/2

In: 6.227+/-4.197 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.652+/-2.335 χ^2/NDF: 33.6/2



Right In: -98.874+/-2.134 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -114.407+/-1.543 χ^2/NDF: 91.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

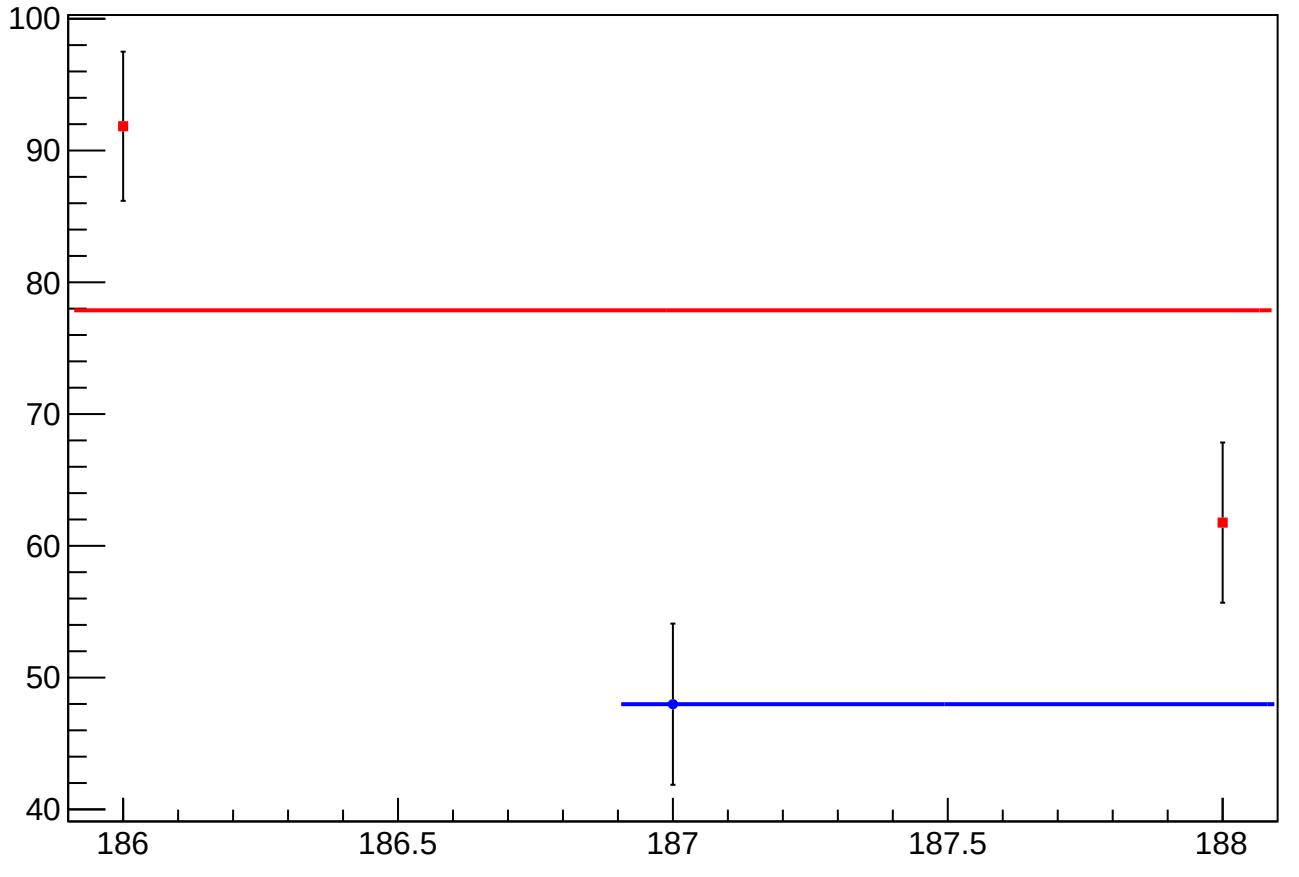
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -109.073+/-1.251 χ^2/NDF: 126.2/2

In: -98.874+/-2.134 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -109.073+/-1.251 χ^2/NDF: 126.2/2



Right In: 47.983+/-6.117 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 77.874+/-4.142 χ^2/NDF: 13.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

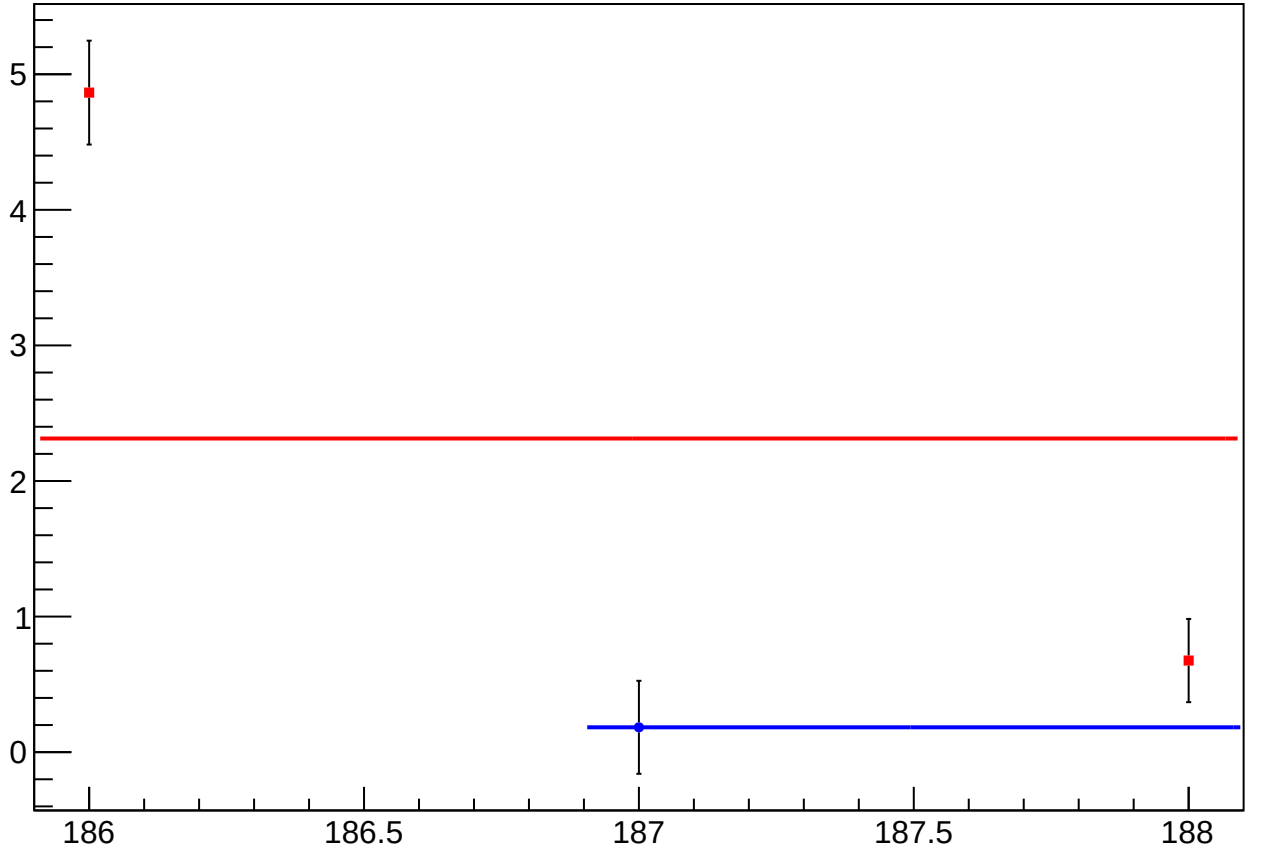
Right: 68.478+/-3.430 χ^2/NDF: 29.5/2

In: 47.983+/-6.117 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 68.478+/-3.430 χ^2/NDF: 29.5/2

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.183+/-0.343 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.313+/-0.239 χ^2/NDF: 72.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

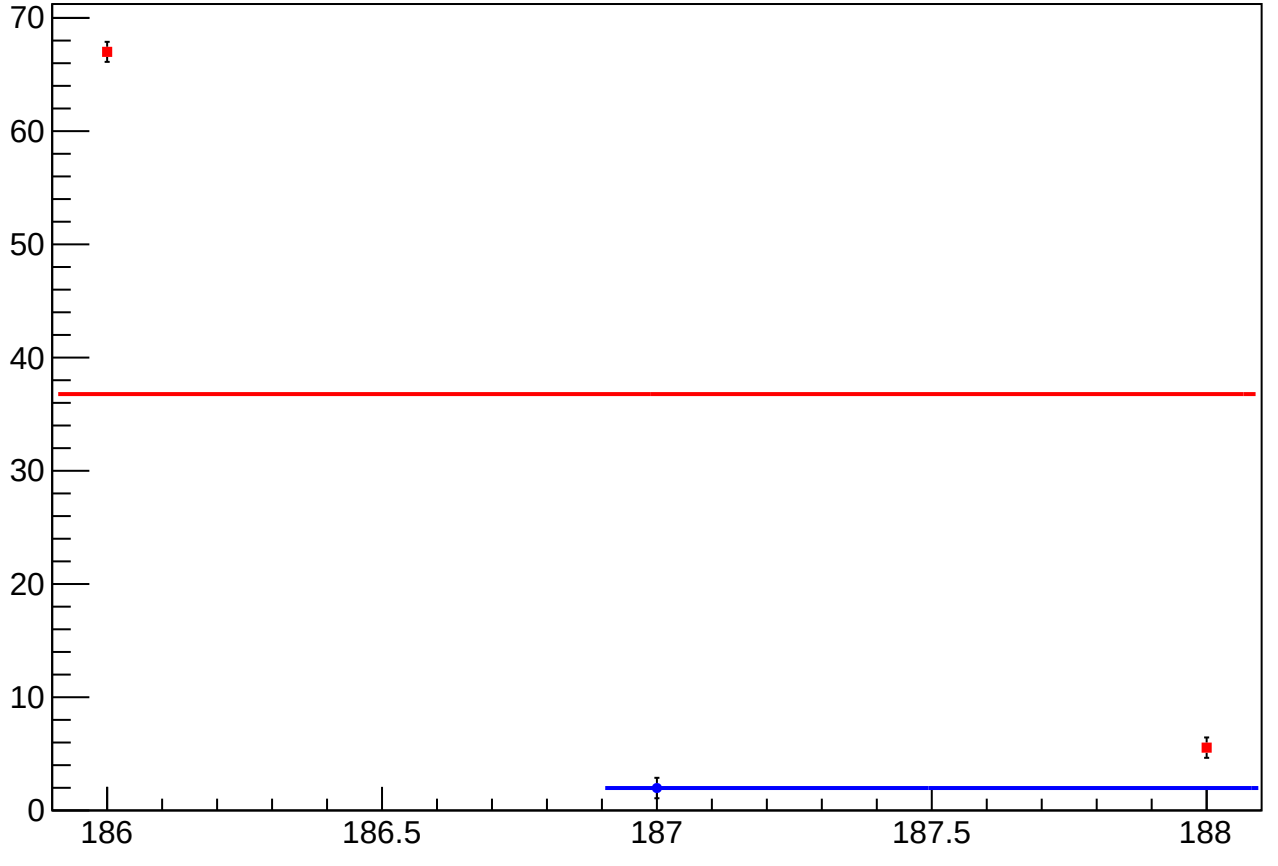
Right: 1.615+/-0.196 χ^2/NDF: 98.8/2

In: 0.183+/-0.343 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.615+/-0.196 χ^2/NDF: 98.8/2

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.981+/-0.902 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 36.776+/-0.631 χ^2/NDF: 2372.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

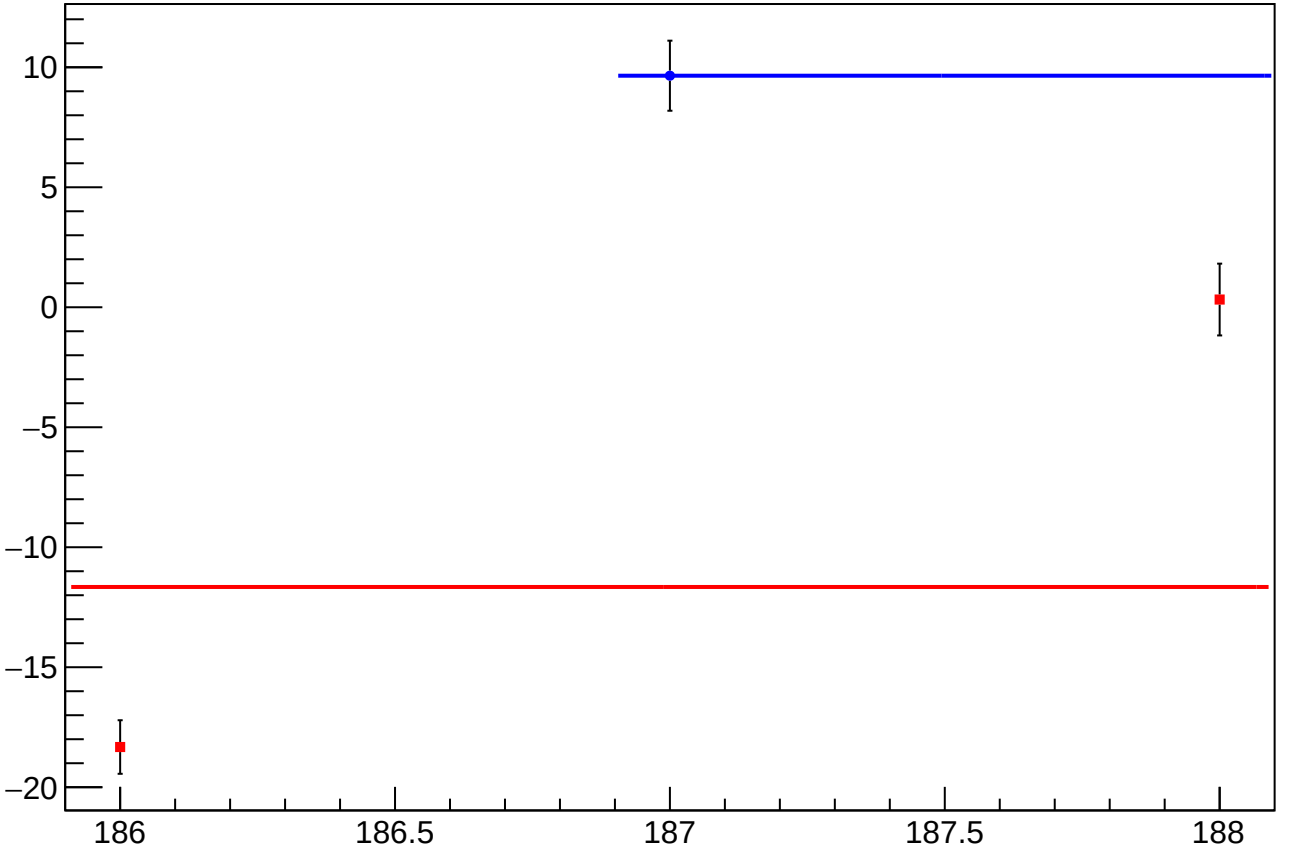
Right: 25.347+/-0.517 χ^2/NDF: 3372.1/2

In: 1.981+/-0.902 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.347+/-0.517 χ^2/NDF: 3372.1/2

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.649+/-1.460 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11.656+/-0.895 χ^2/NDF: 99.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

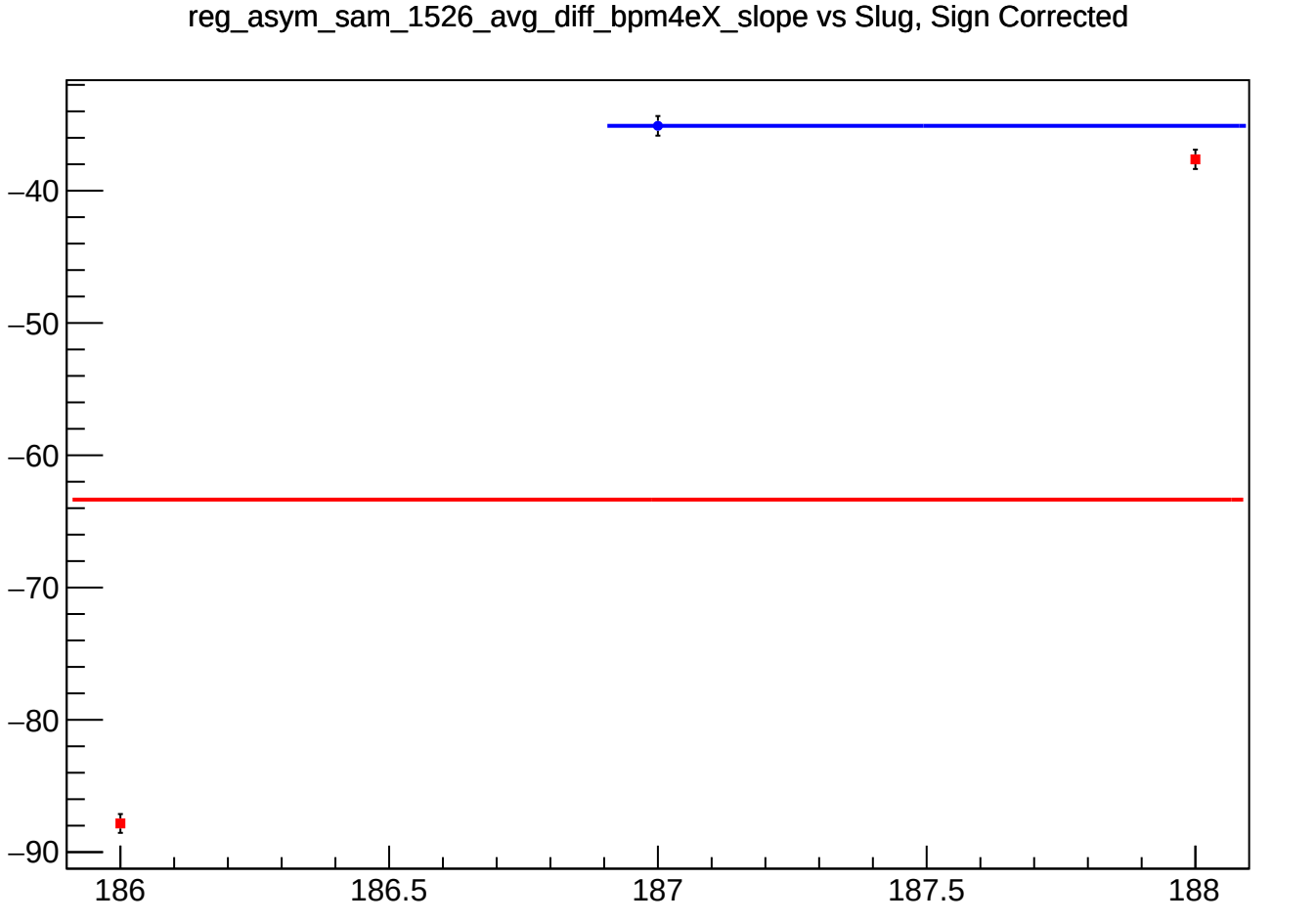
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -5.841+/-0.763 χ^2/NDF: 254.6/2

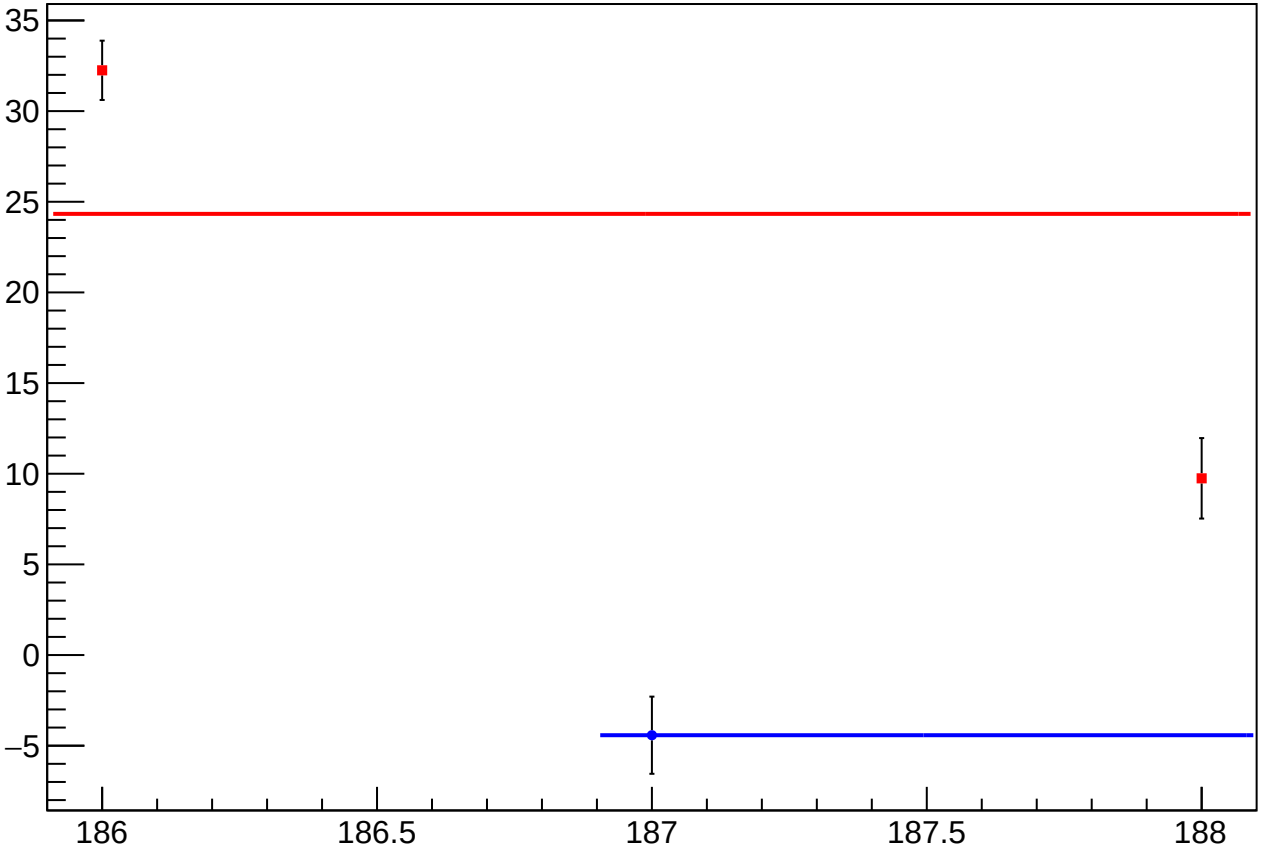
In: 9.649+/-1.460 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.841+/-0.763 χ^2/NDF: 254.6/2


reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−40
−50
−60
−70
−80
−90
186
186.5
187
187.5
188
Right In: -35.096+/-0.741 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -63.354+/-0.509 χ²/NDF: 2431.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -54.304+/-0.420 χ²/NDF: 3419.1/2
In: -35.096+/-0.741 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -54.304+/-0.420 χ²/NDF: 3419.1/2

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.422+/-2.128 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 24.332+/-1.317 χ^2/NDF: 66.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

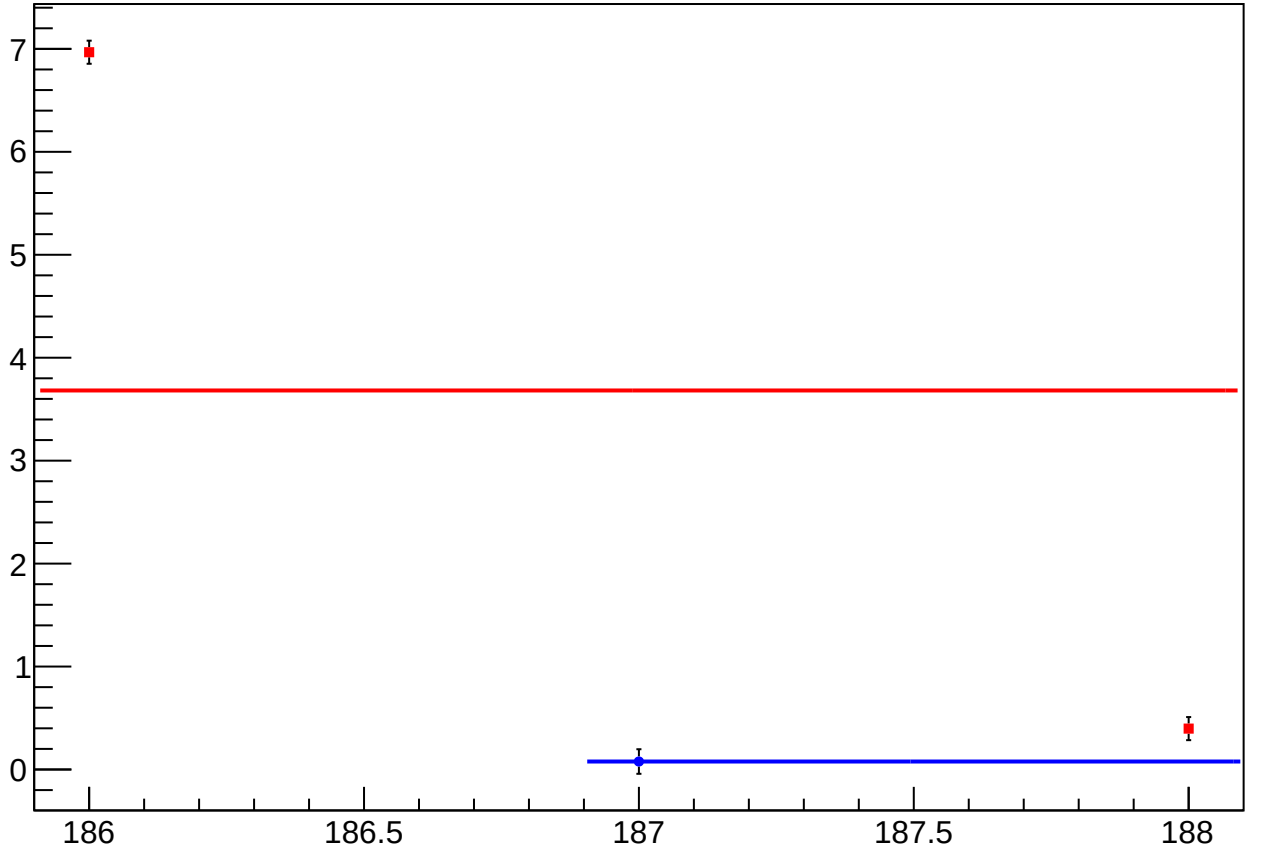
Right: 16.374+/-1.120 χ^2/NDF: 198.6/2

In: -4.422+/-2.128 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 16.374+/-1.120 χ^2/NDF: 198.6/2

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.078+/-0.119 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.682+/-0.079 χ^2/NDF: 1715.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

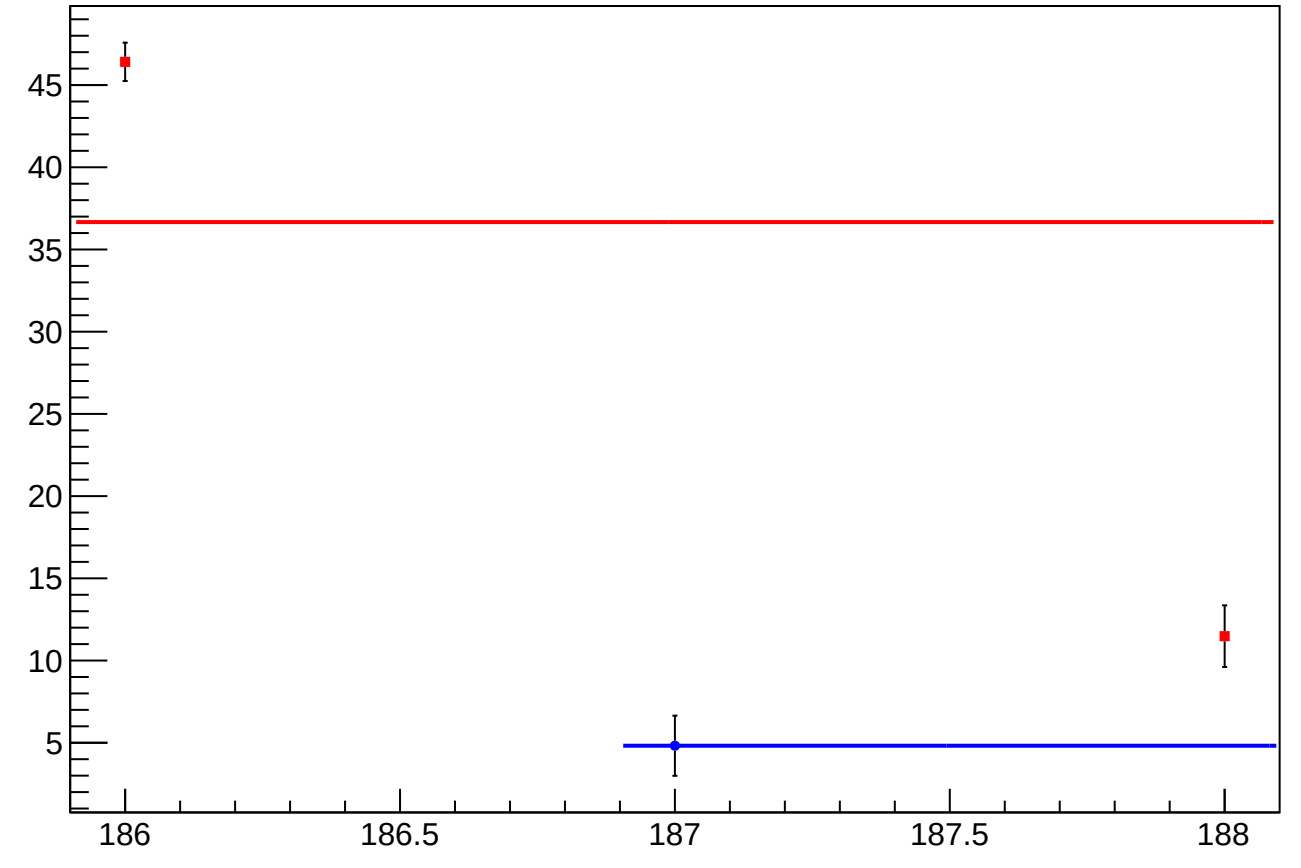
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.577+/-0.066 χ^2/NDF: 2348.1/2

In: 0.078+/-0.119 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.577+/-0.066 χ^2/NDF: 2348.1/2



Right In: 4.820+/-1.829 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 36.667+/-0.991 χ^2/NDF: 250.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

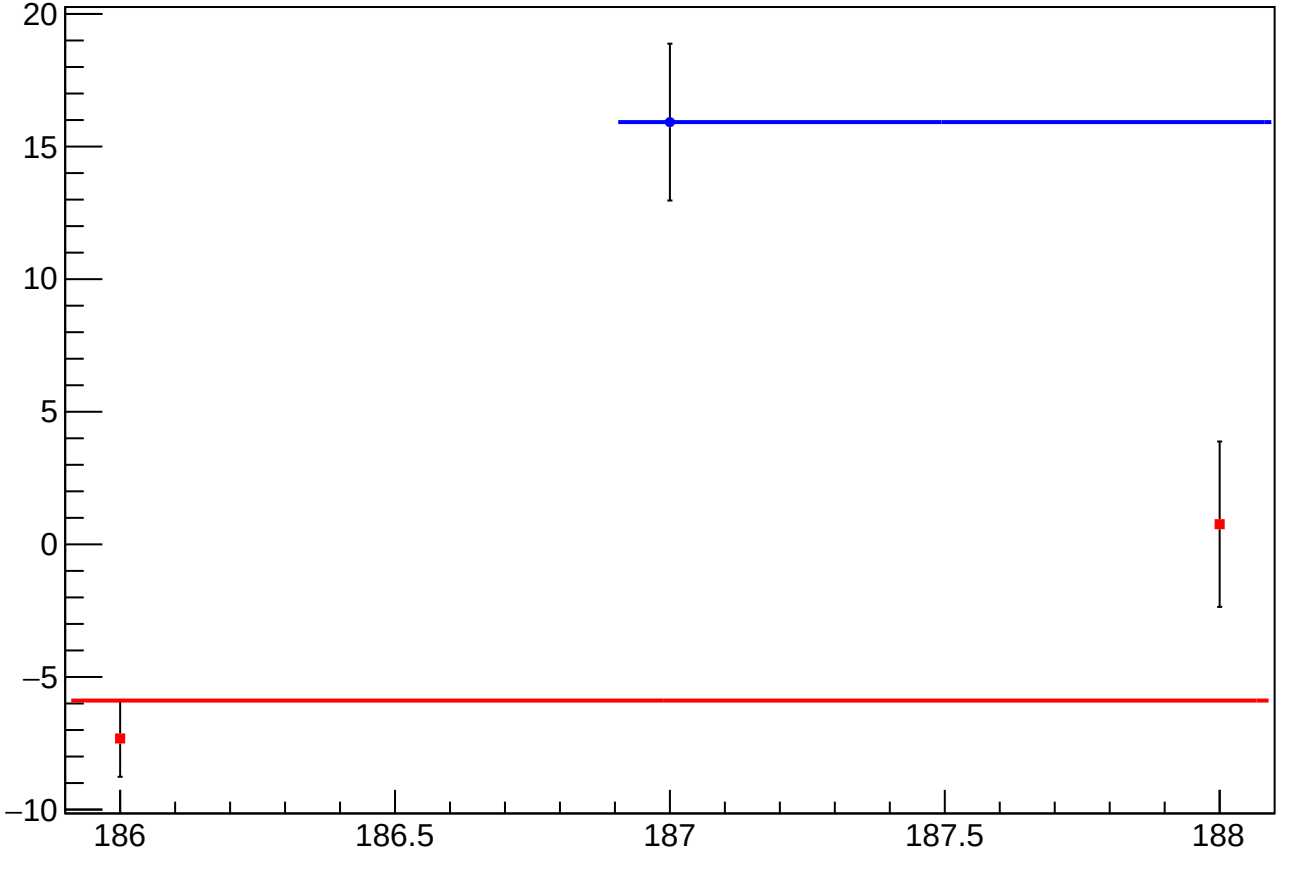
Right: 29.444+/-0.871 χ^2/NDF: 484.6/2

In: 4.820+/-1.829 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 29.444+/-0.871 χ^2/NDF: 484.6/2

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.923+/-2.957 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.890+/-1.312 χ^2/NDF: 5.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

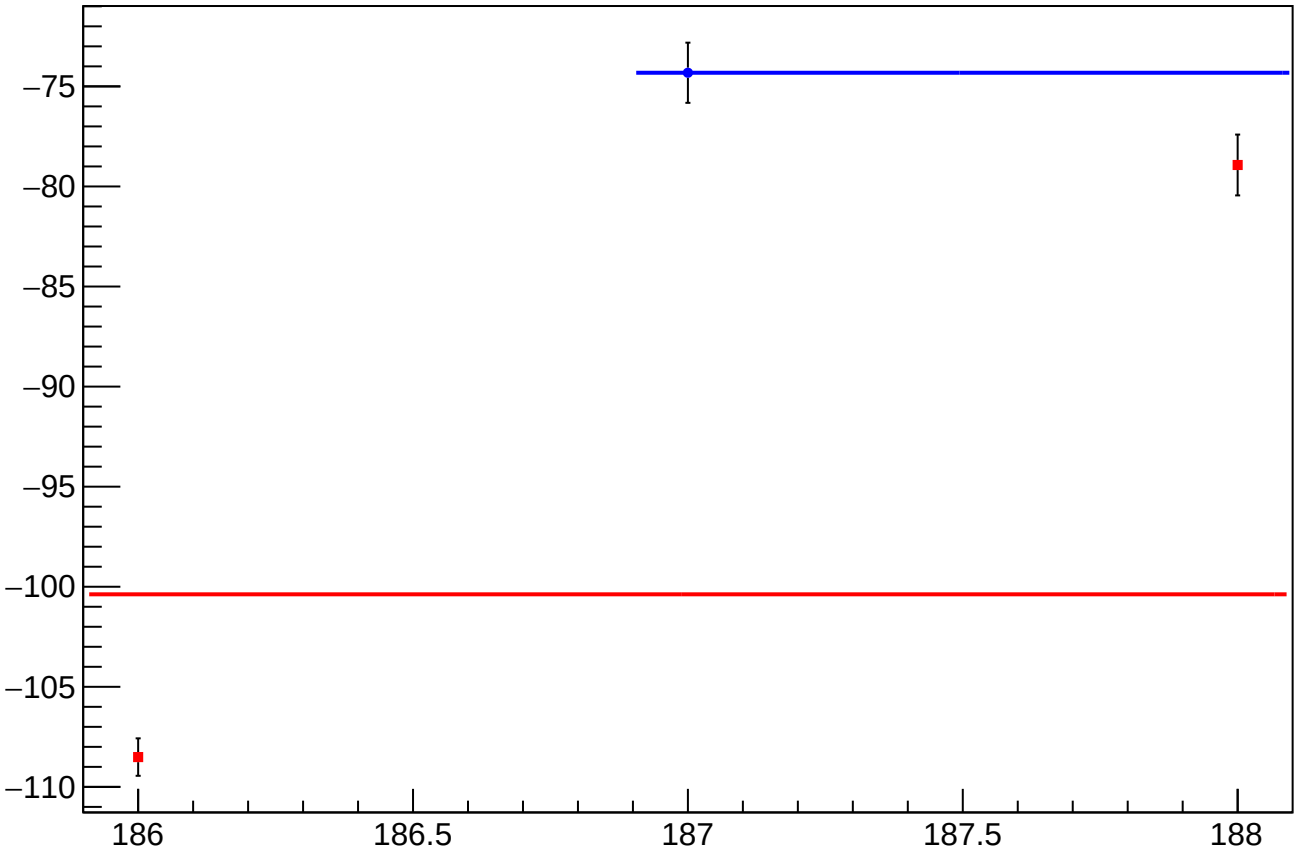
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2.304+/-1.199 χ^2/NDF: 51.0/2

In: 15.923+/-2.957 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.304+/-1.199 χ^2/NDF: 51.0/2



Right In: -74.319+/-1.503 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -100.378+/-0.797 χ^2/NDF: 274.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

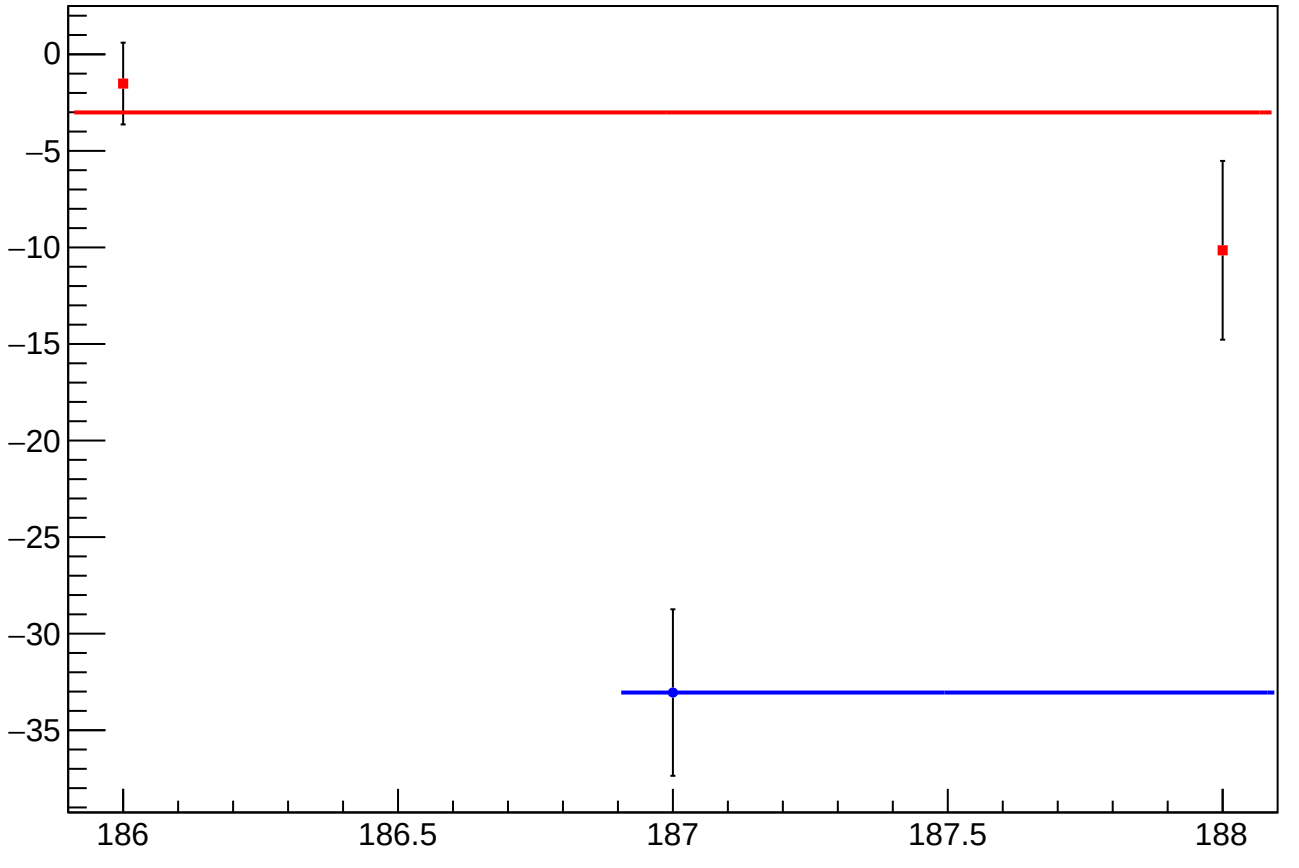
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -94.663+/-0.704 χ^2/NDF: 509.5/2

In: -74.319+/-1.503 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -94.663+/-0.704 χ^2/NDF: 509.5/2



Right In: -33.050+/-4.311 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.009+/-1.926 χ^2/NDF: 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

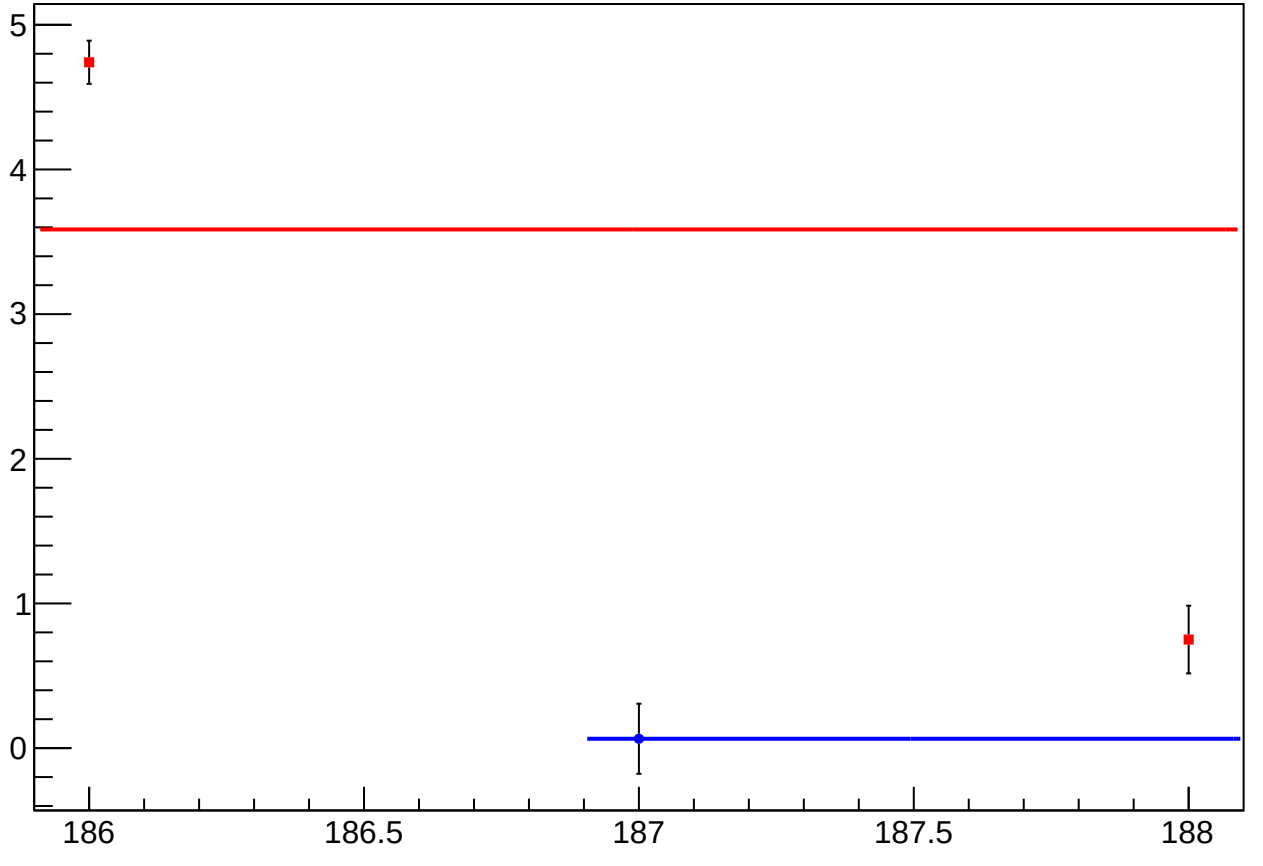
Right: -8.005+/-1.758 χ^2/NDF: 43.4/2

In: -33.050+/-4.311 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.005+/-1.758 χ^2/NDF: 43.4/2

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.065+/-0.242 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.585+/-0.126 χ^2/NDF: 206.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

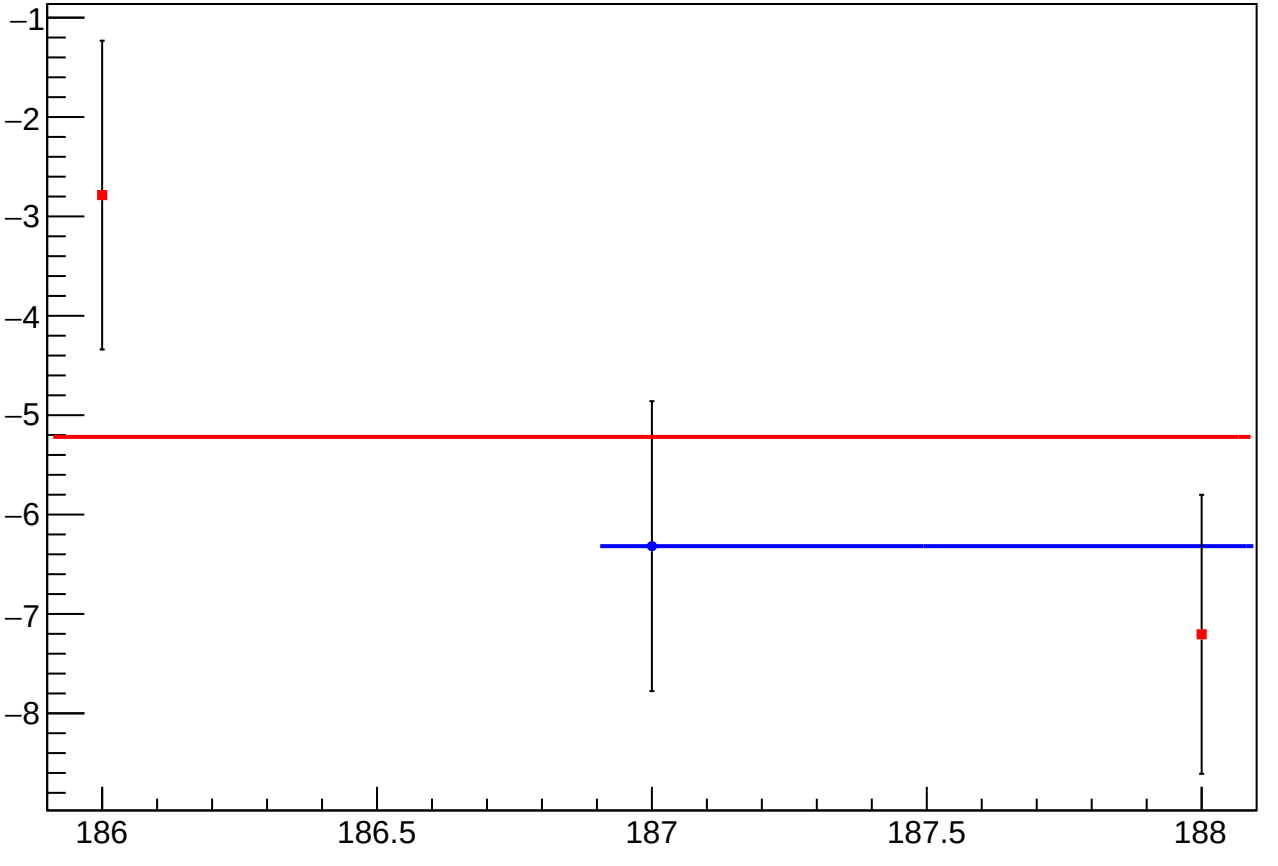
Right: 2.836+/-0.112 χ^2/NDF: 373.0/2

In: 0.065+/-0.242 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.836+/-0.112 χ^2/NDF: 373.0/2

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.318+/-1.459 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.218+/-1.042 χ^2/NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

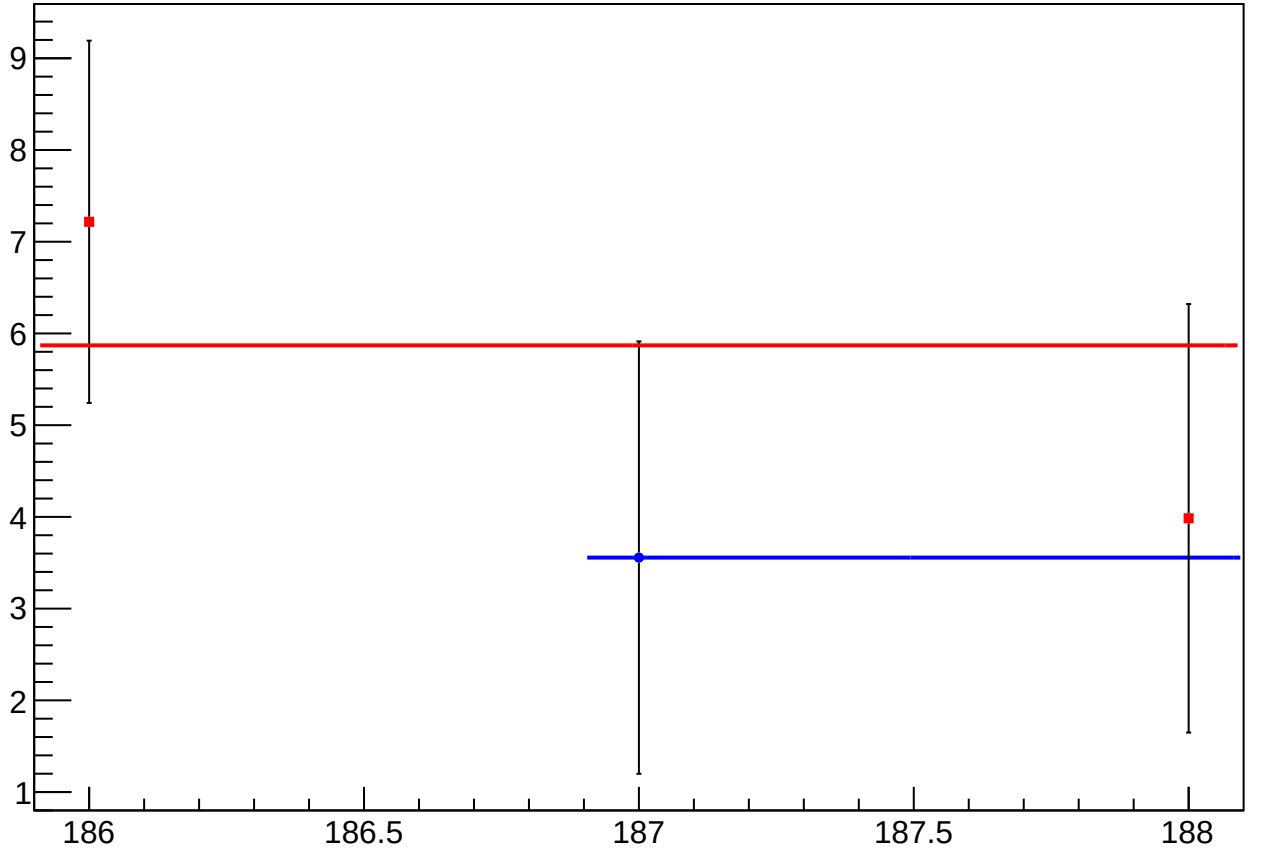
Right: -5.590+/-0.848 χ^2/NDF: 4.8/2

In: -6.318+/-1.459 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.590+/-0.848 χ^2/NDF: 4.8/2

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.556+/-2.357 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.870+/-1.508 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

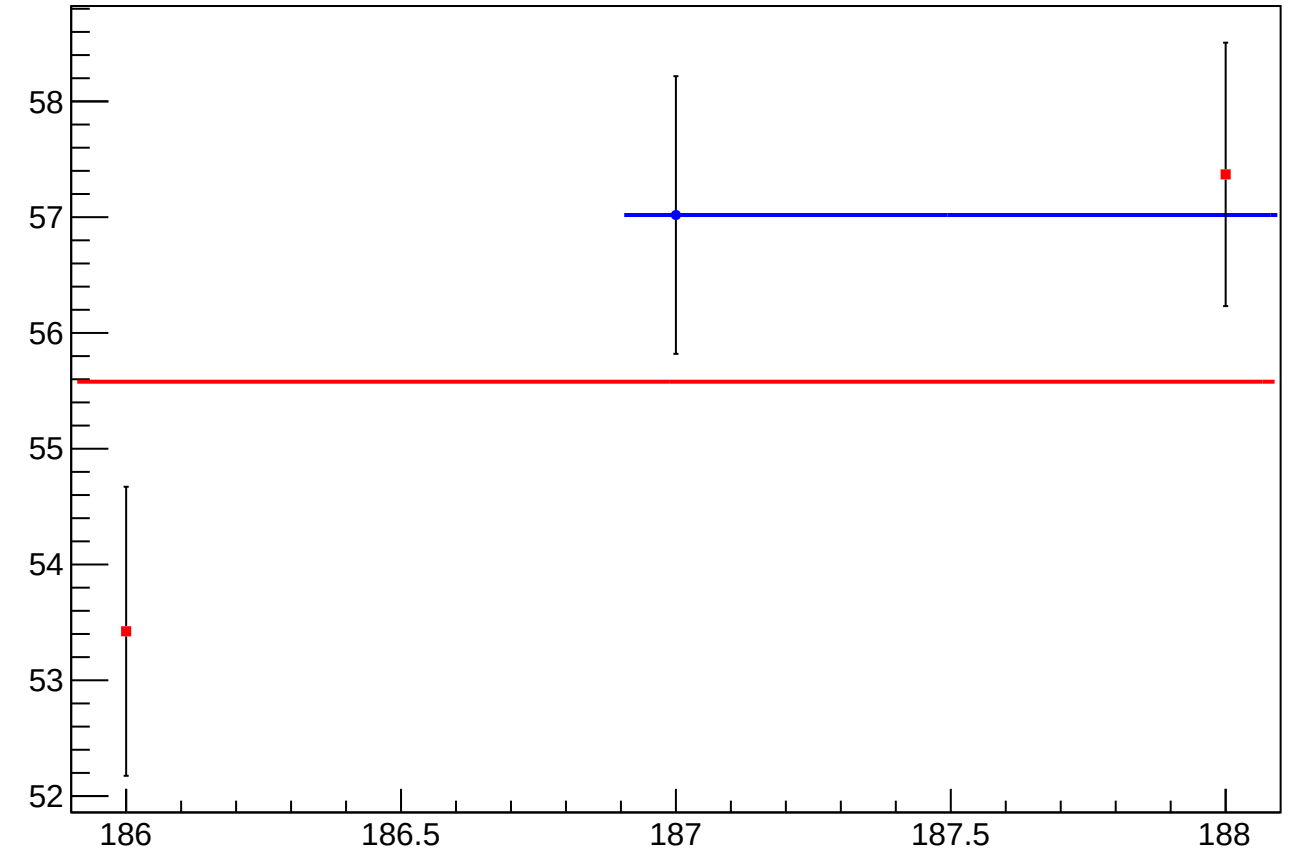
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.198+/-1.270 χ^2/NDF: 1.8/2

In: 3.556+/-2.357 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.198+/-1.270 χ^2/NDF: 1.8/2



Right In: 57.019+/-1.199 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 55.579+/-0.841 χ^2/NDF: 5.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

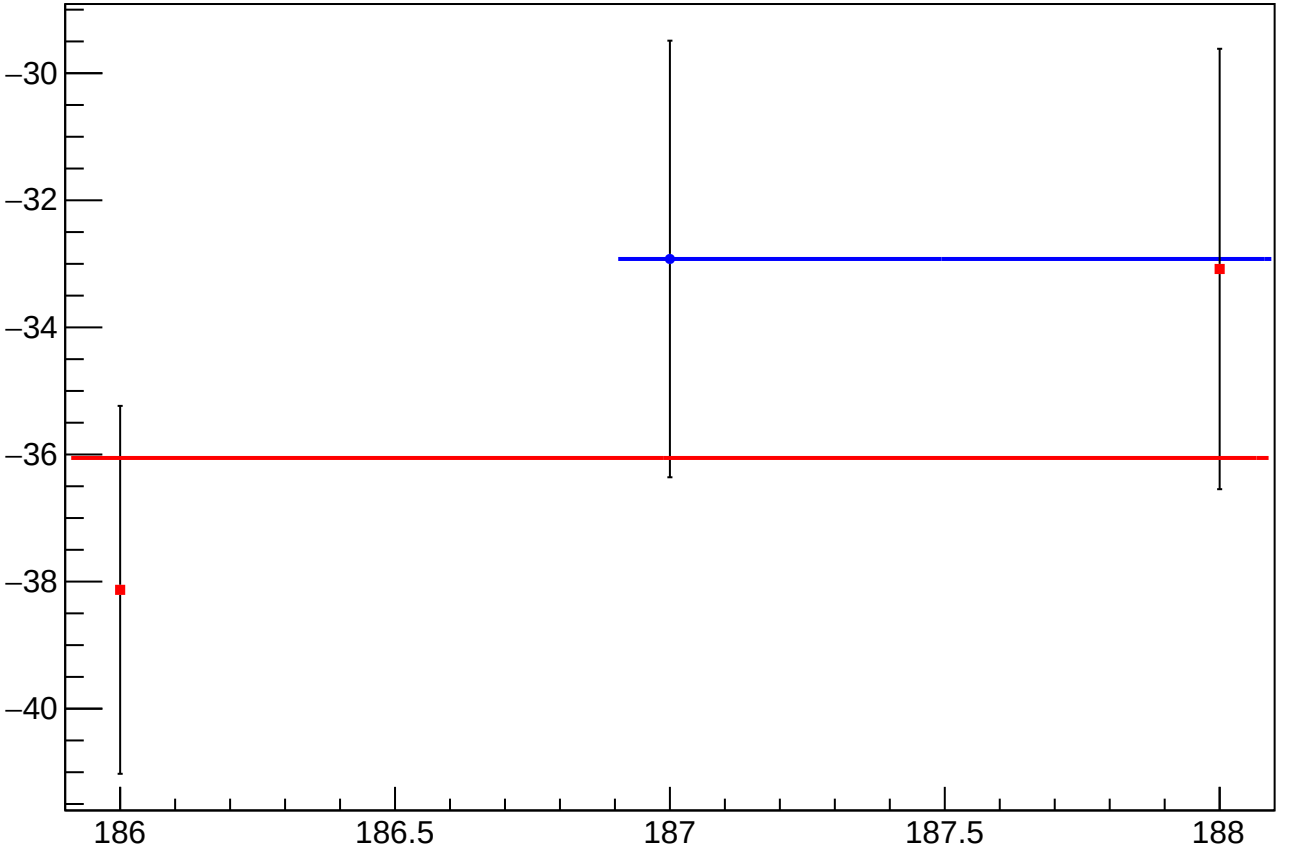
Right: 56.054+/-0.688 χ^2/NDF: 6.4/2

In: 57.019+/-1.199 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 56.054+/-0.688 χ^2/NDF: 6.4/2

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.923+/-3.435 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36.055+/-2.222 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

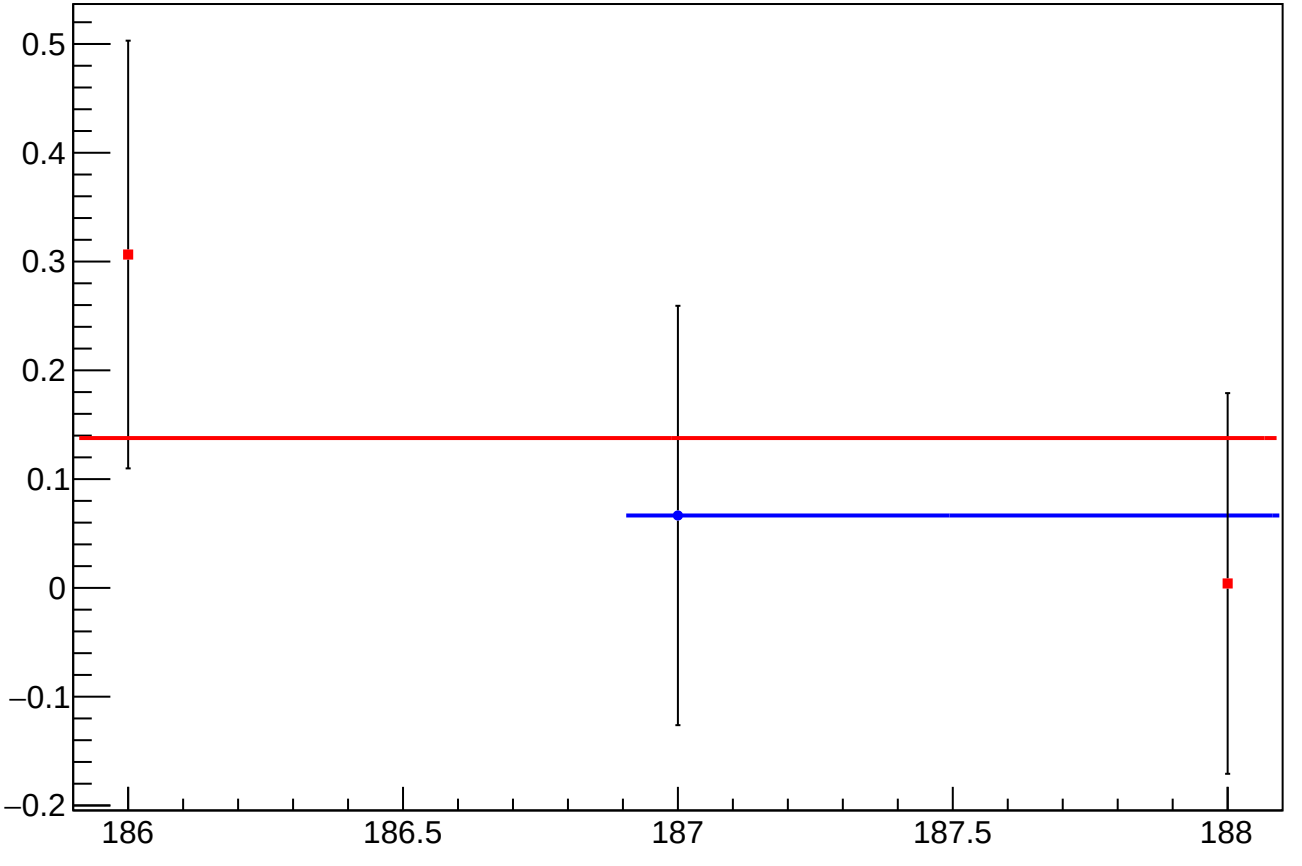
Right: -35.131+/-1.866 χ^2/NDF: 1.8/2

In: -32.923+/-3.435 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -35.131+/-1.866 χ^2/NDF: 1.8/2

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.193 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.138+/-0.131 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

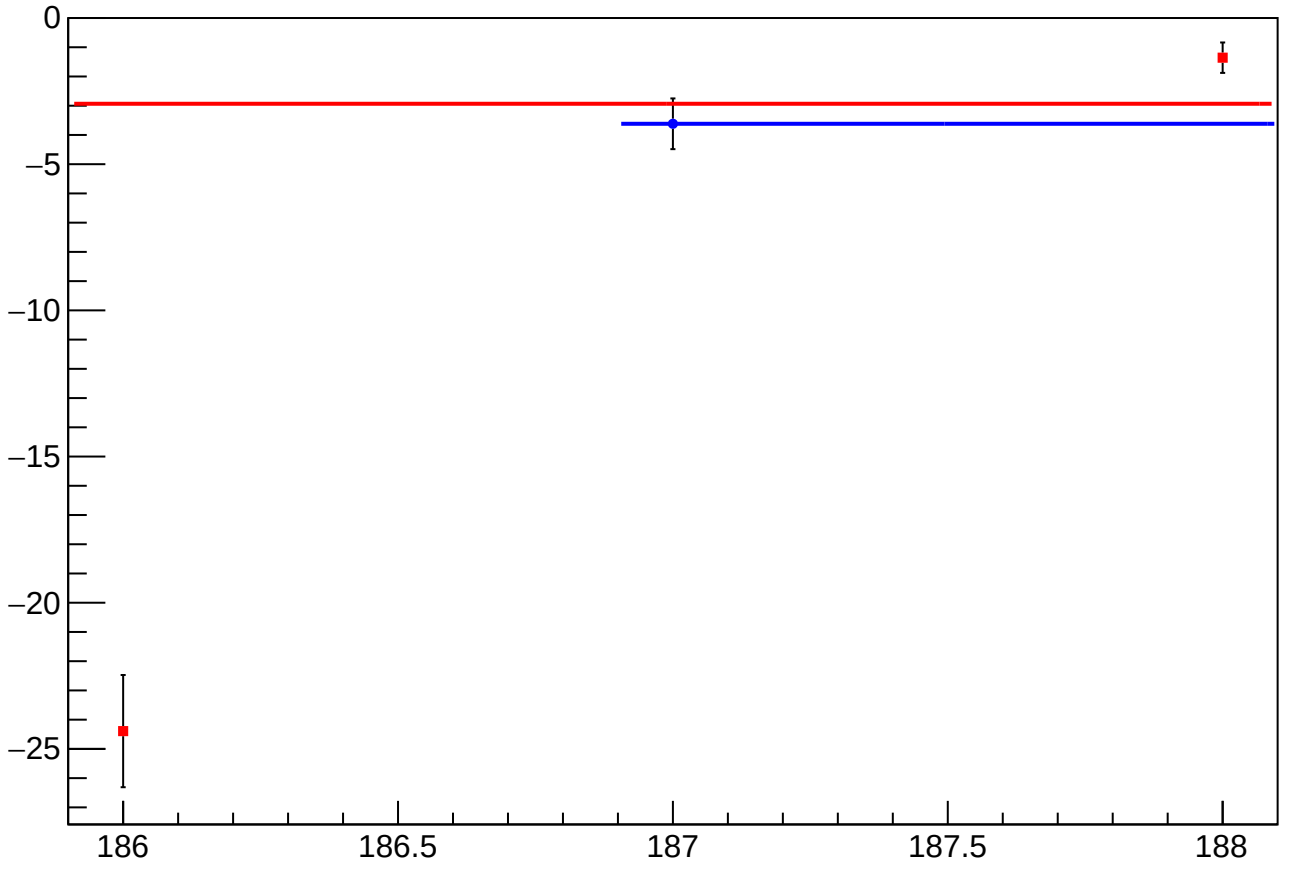
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.115+/-0.108 χ^2/NDF: 1.4/2

In: 0.067+/-0.193 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.115+/-0.108 χ^2/NDF: 1.4/2



Right In: -3.618+/-0.867 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.933+/-0.502 χ^2/NDF: 134.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

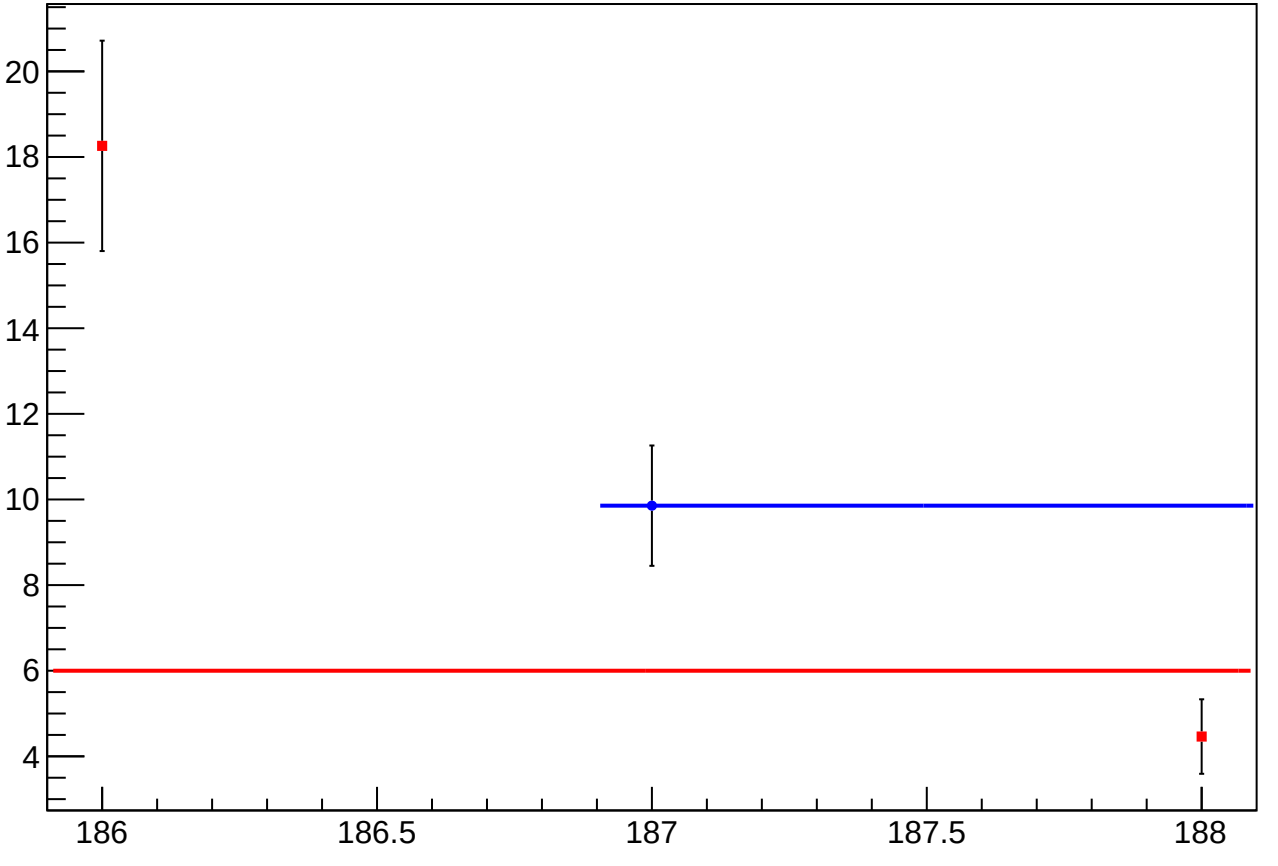
Right: -3.105+/-0.434 χ^2/NDF: 134.7/2

In: -3.618+/-0.867 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.105+/-0.434 χ^2/NDF: 134.7/2

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.855+/-1.405 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.999+/-0.820 χ^2/NDF: 28.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

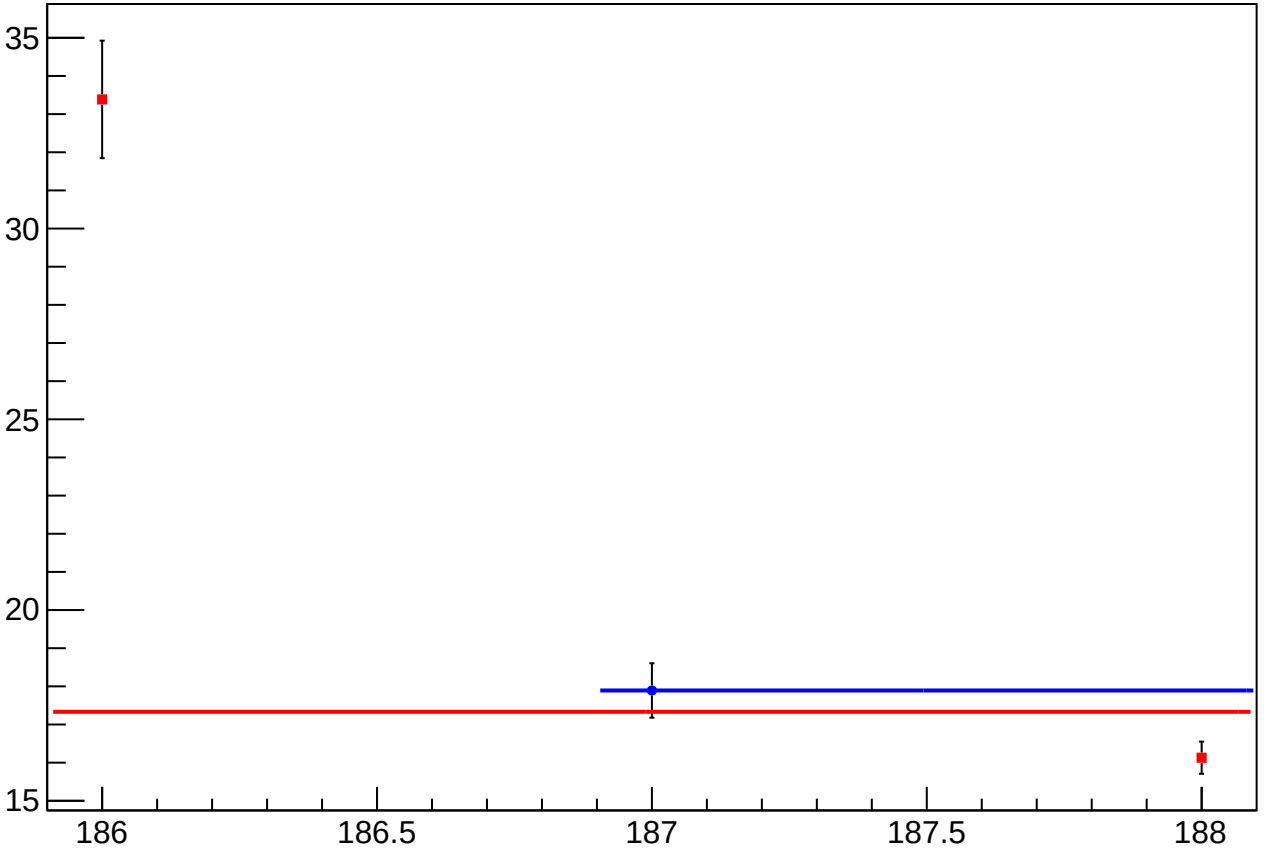
Right: 6.979+/-0.708 χ^2/NDF: 33.6/2

In: 9.855+/-1.405 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.979+/-0.708 χ^2/NDF: 33.6/2

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.892+/-0.713 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.333+/-0.407 χ^2/NDF: 116.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

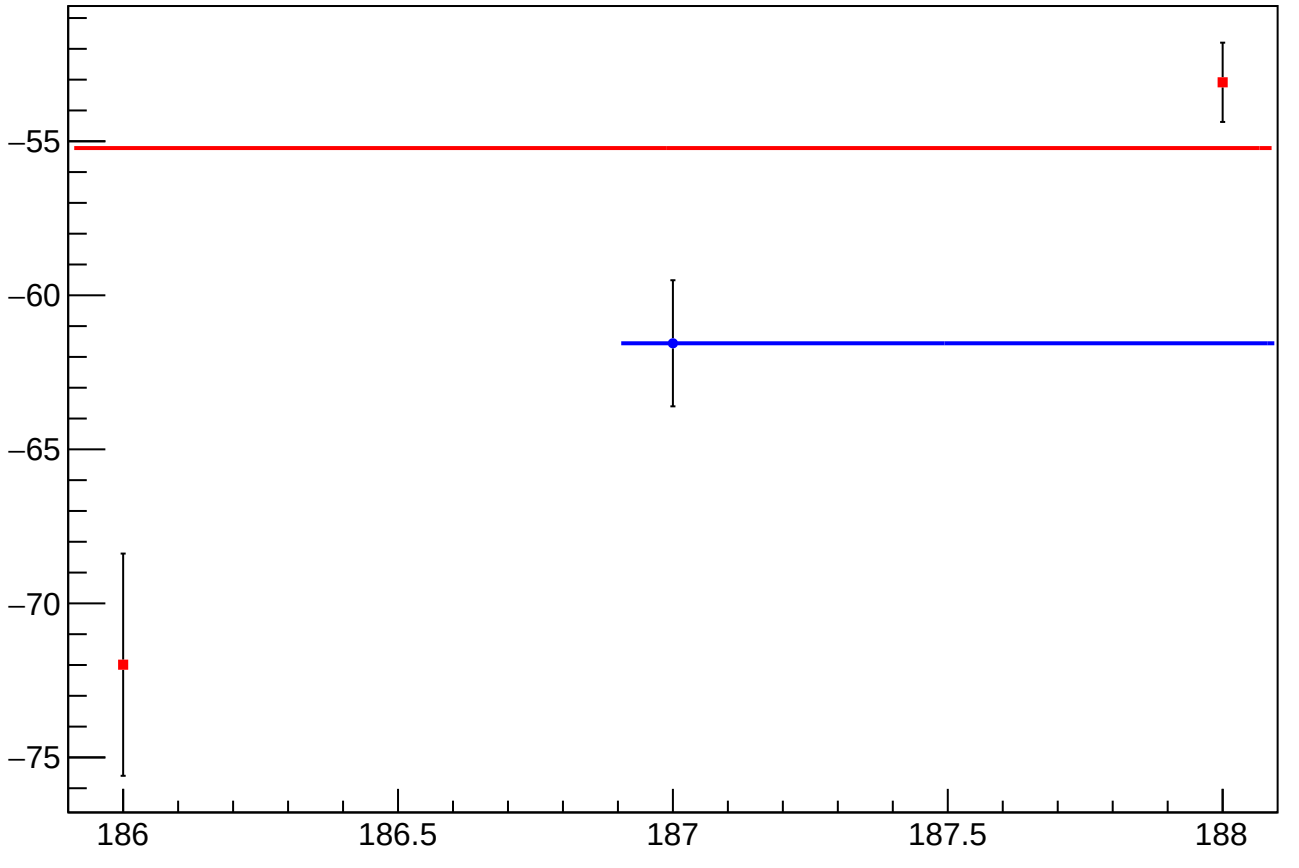
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 17.470+/-0.353 χ^2/NDF: 117.2/2

In: 17.892+/-0.713 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.470+/-0.353 χ^2/NDF: 117.2/2



Right In: -61.557+/-2.047 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -55.221+/-1.212 χ^2/NDF: 24.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

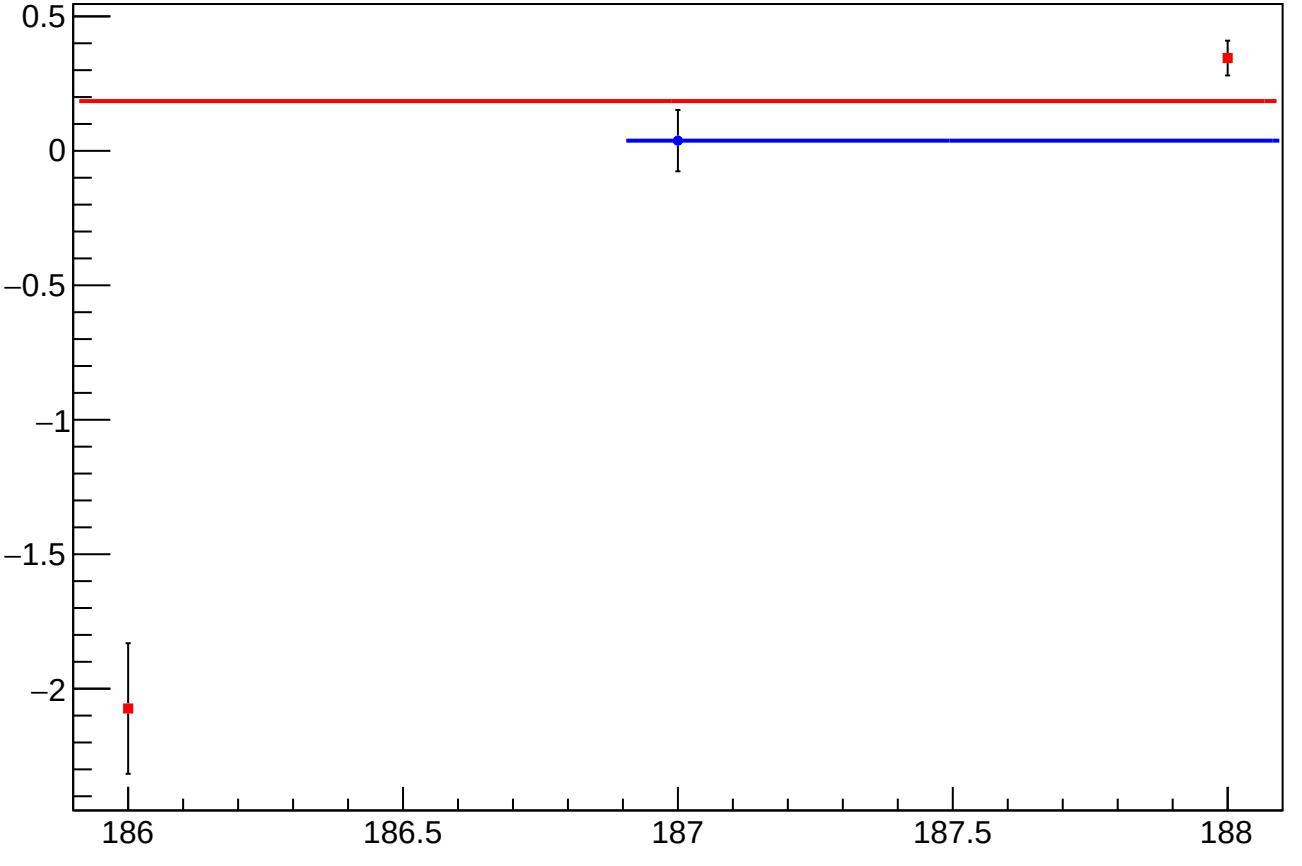
Right: -56.866+/-1.043 χ^2/NDF: 31.5/2

In: -61.557+/-2.047 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -56.866+/-1.043 χ^2/NDF: 31.5/2

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.038+/-0.114 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.185+/-0.062 χ^2/NDF: 92.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

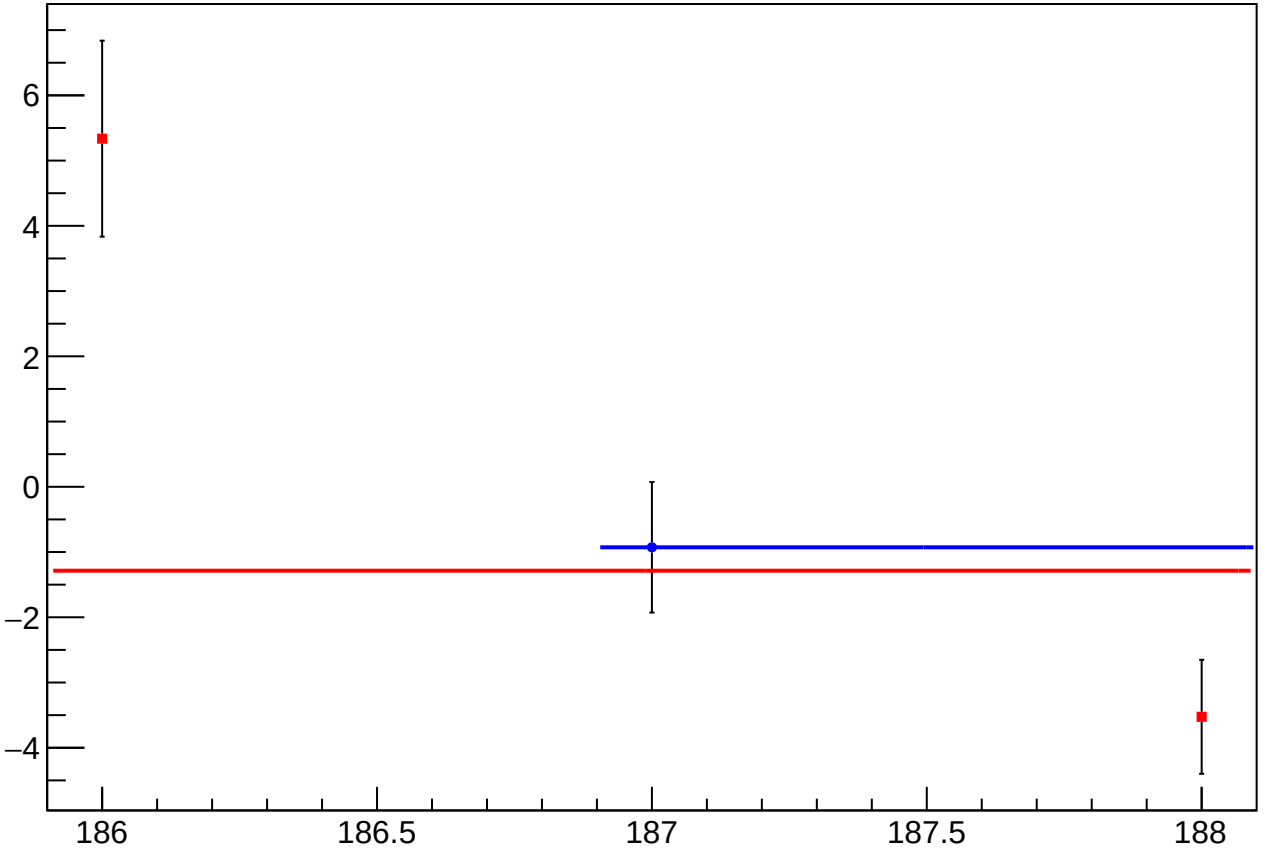
Right: 0.151+/-0.055 χ^2/NDF: 94.0/2

In: 0.038+/-0.114 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.151+/-0.055 χ^2/NDF: 94.0/2

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.927+/-1.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.286+/-0.755 χ^2/NDF: 26.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

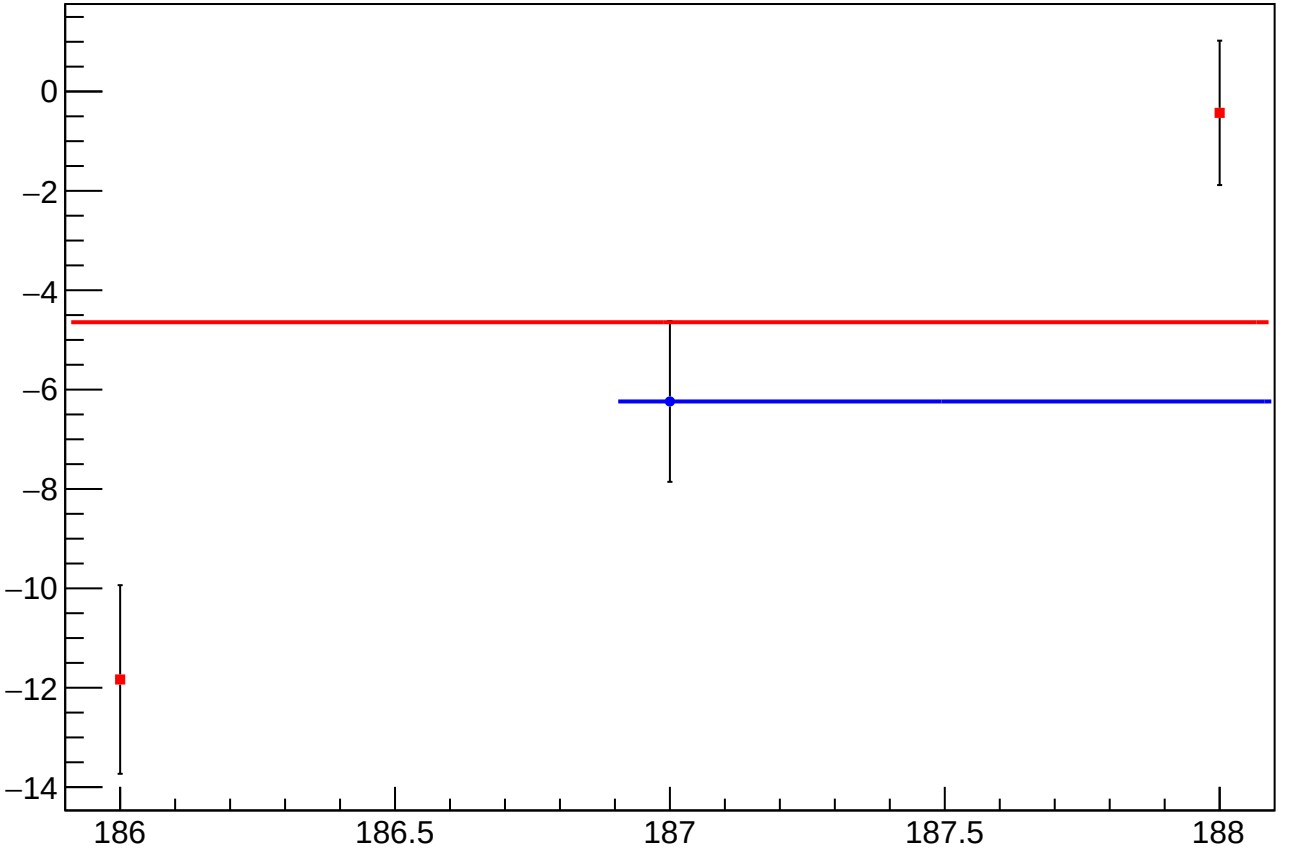
Right: -1.156+/-0.603 χ^2/NDF: 26.1/2

In: -0.927+/-1.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.156+/-0.603 χ^2/NDF: 26.1/2

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.238+/-1.618 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.644+/-1.154 χ^2/NDF: 22.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

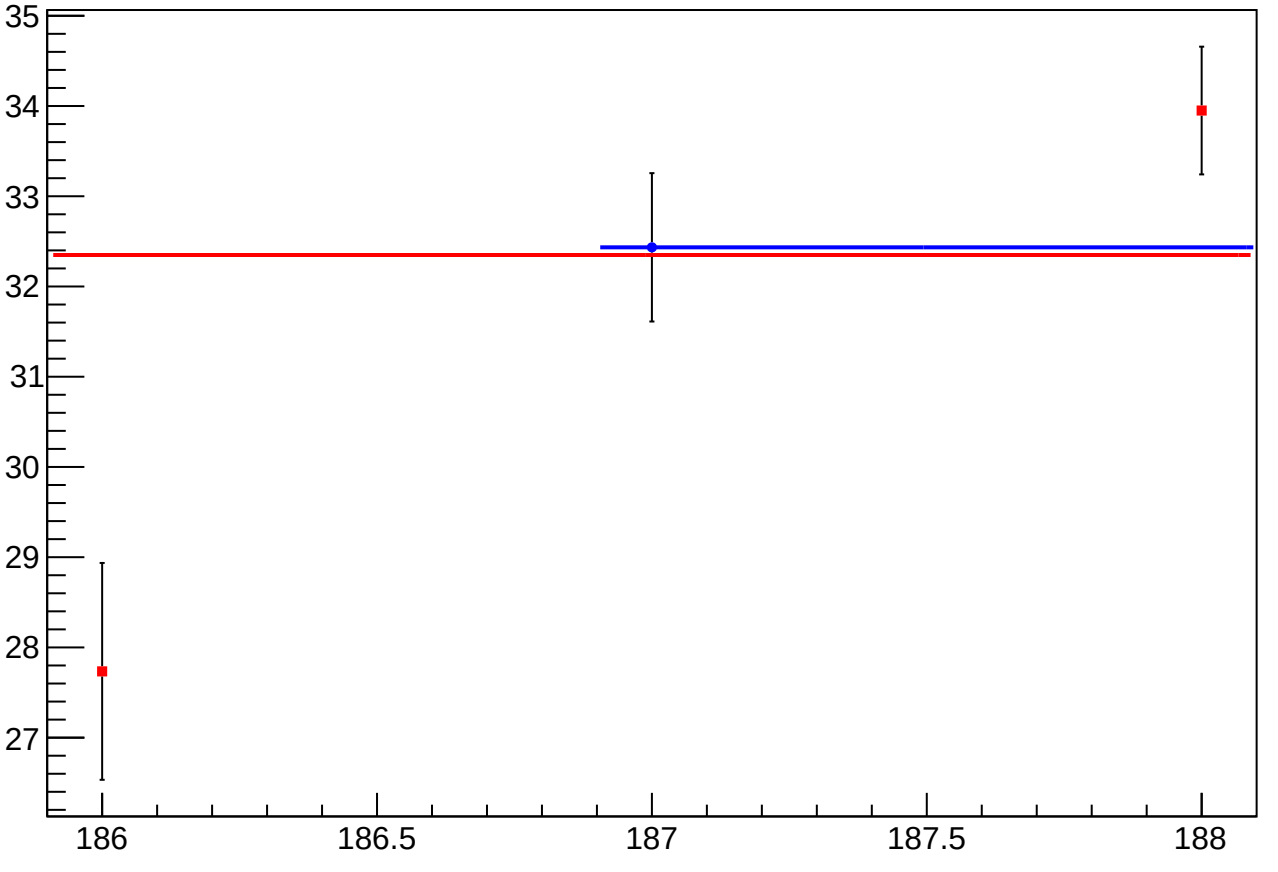
Right: -5.181+/-0.939 χ^2/NDF: 23.4/2

In: -6.238+/-1.618 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.181+/-0.939 χ^2/NDF: 23.4/2

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.434+/-0.822 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.349+/-0.610 χ^2/NDF: 19.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

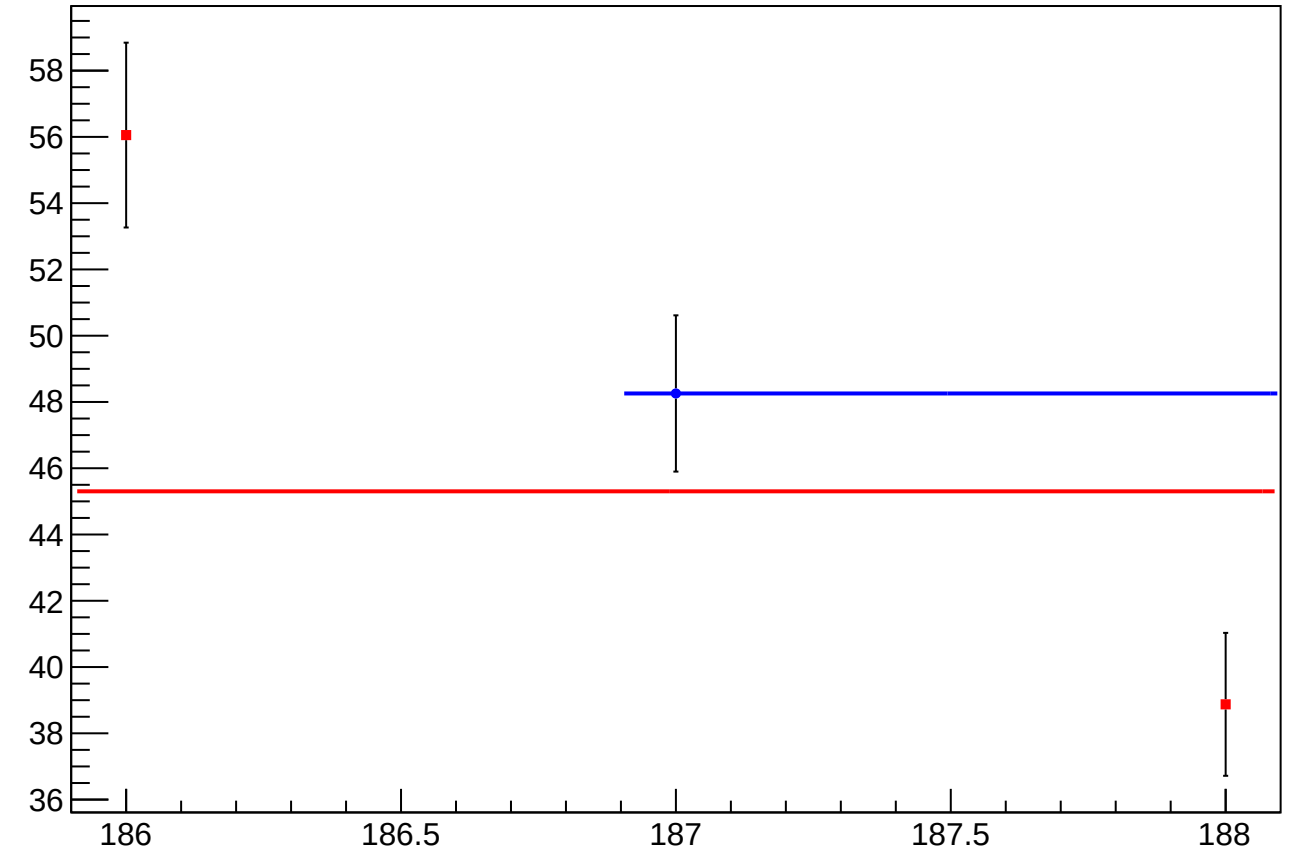
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 32.379+/-0.490 χ^2/NDF: 19.9/2

In: 32.434+/-0.822 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 32.379+/-0.490 χ^2/NDF: 19.9/2



Right In: 48.257+/-2.358 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 45.303+/-1.706 χ^2/NDF: 23.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

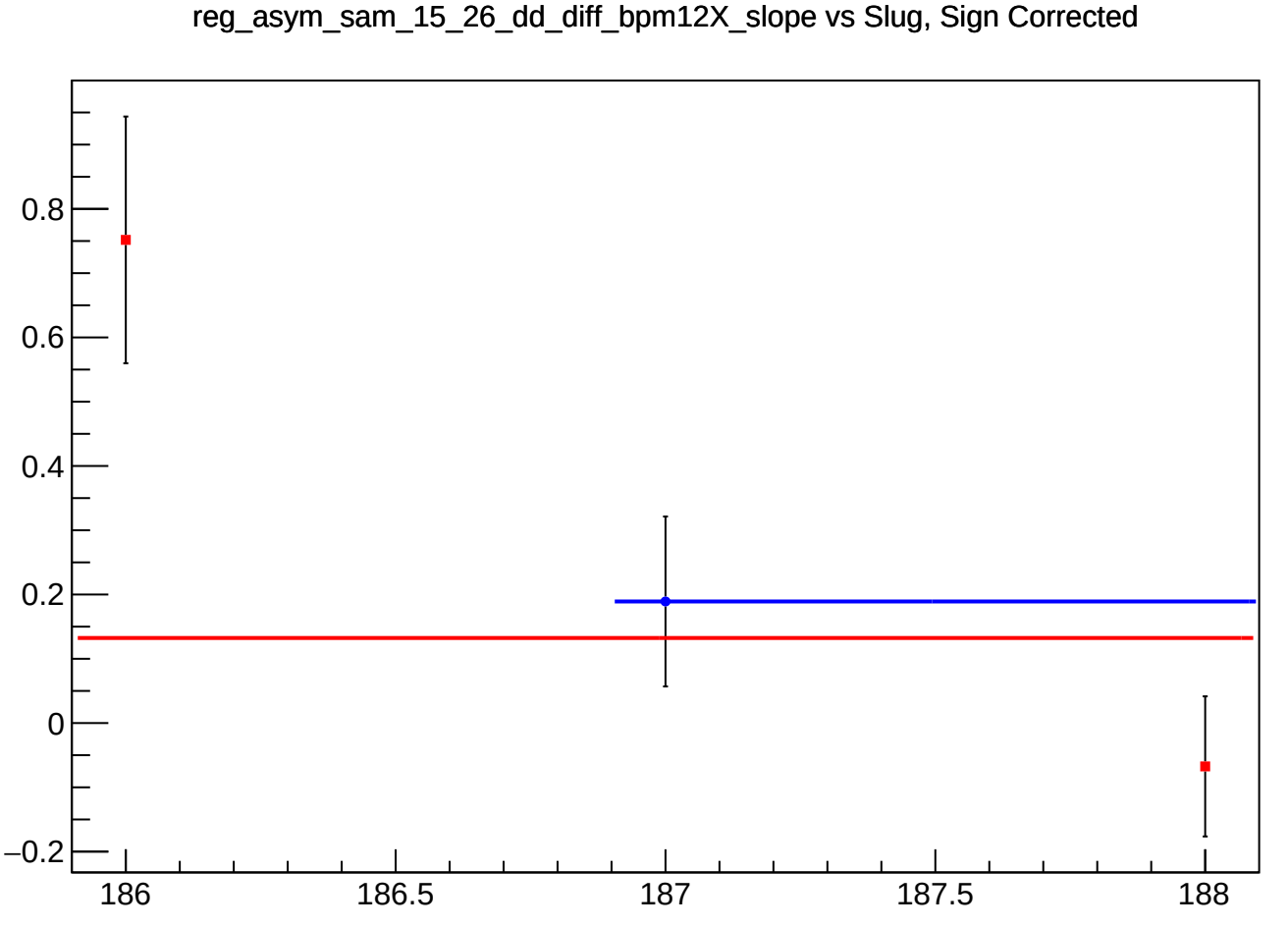
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

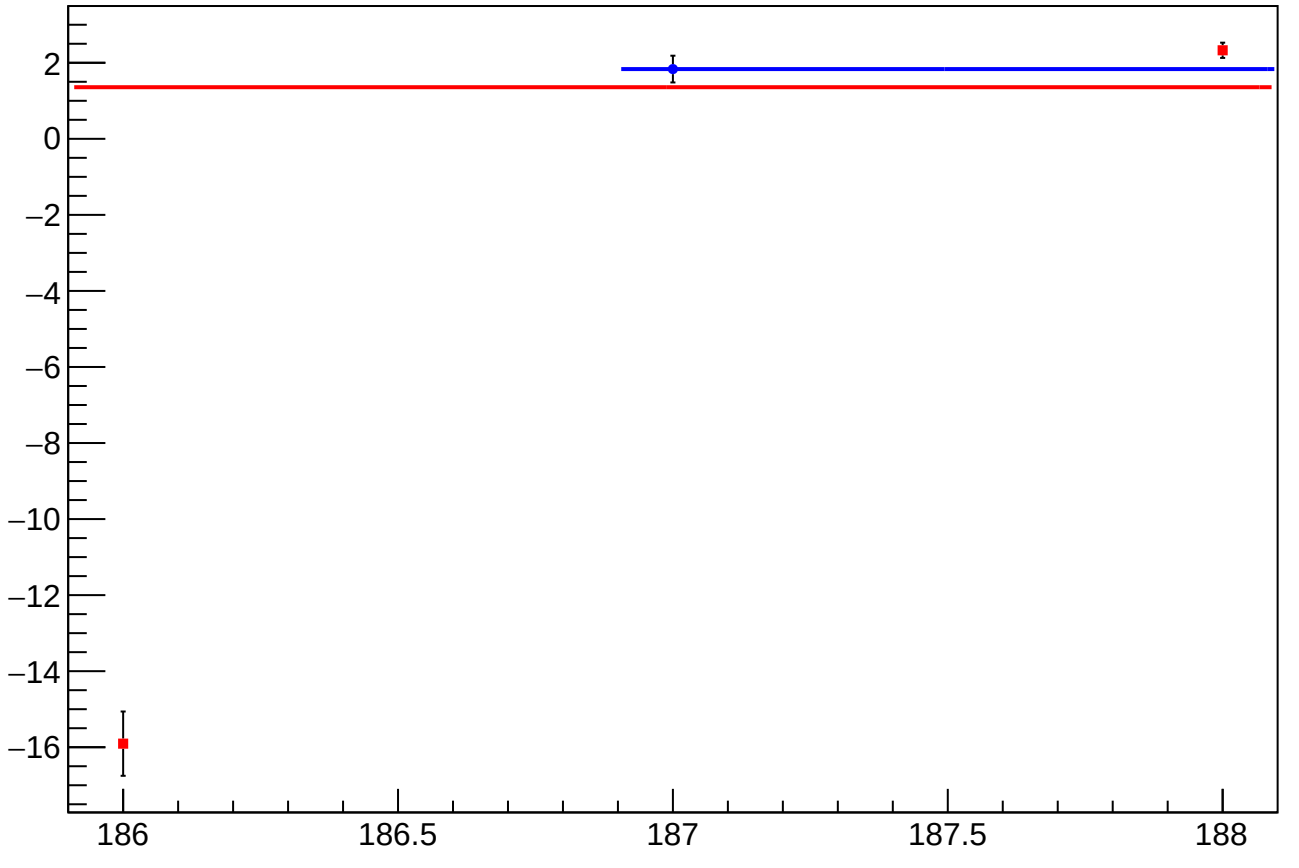
Right: 46.318+/-1.382 χ^2/NDF: 24.8/2

In: 48.257+/-2.358 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 46.318+/-1.382 χ^2/NDF: 24.8/2


reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected
0.8
0.6
0.4
0.2
0
−0.2
186
186.5
187
187.5
188
Right In: 0.189+/-0.132 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.132+/-0.095 χ²/NDF: 13.8/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.152+/-0.077 χ²/NDF: 13.9/2
In: 0.189+/-0.132 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.152+/-0.077 χ²/NDF: 13.9/2



Right In: 1.834+/-0.352 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.357+/-0.195 χ^2/NDF: 440.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

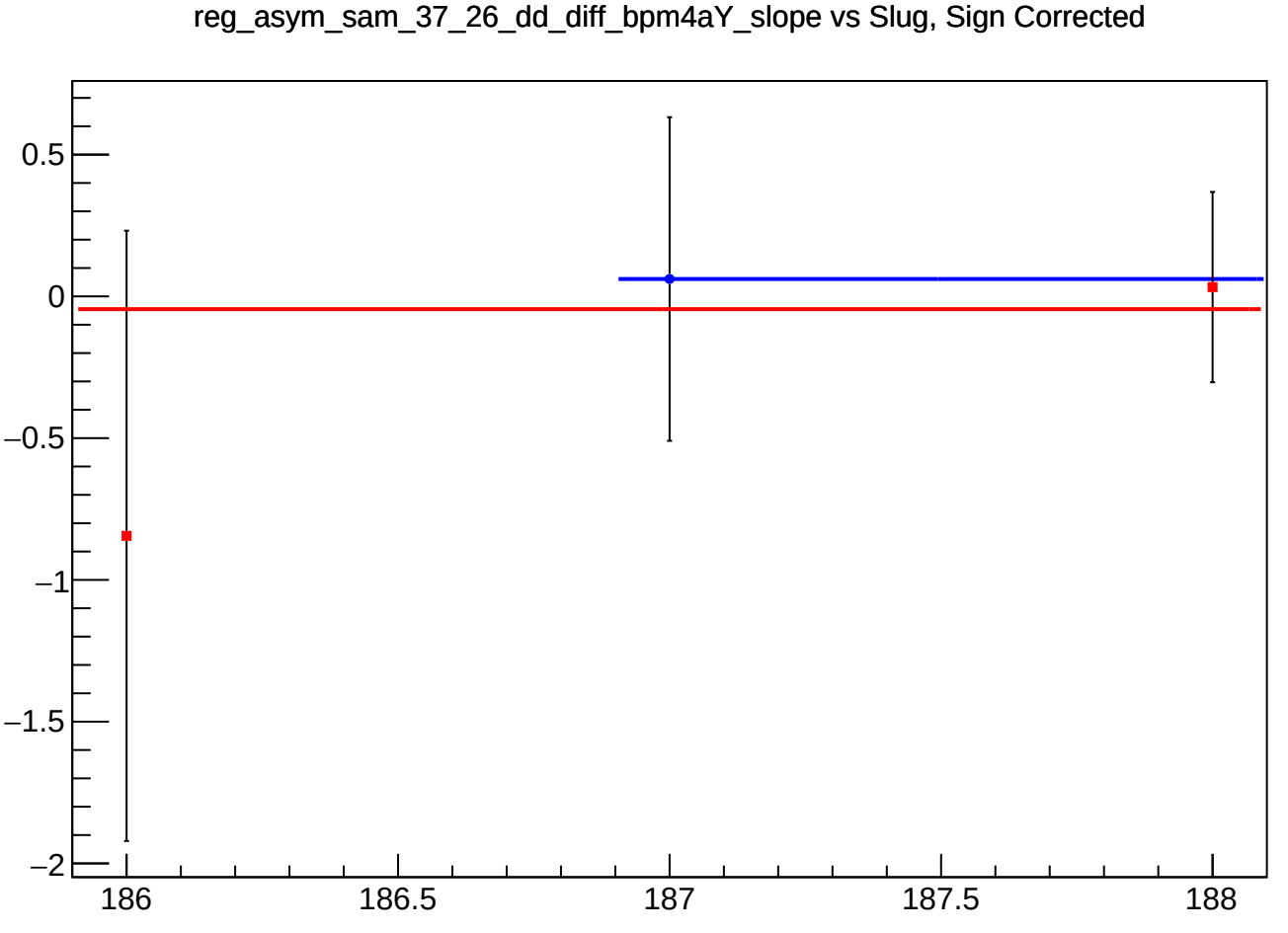
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.470+/-0.171 χ^2/NDF: 441.9/2

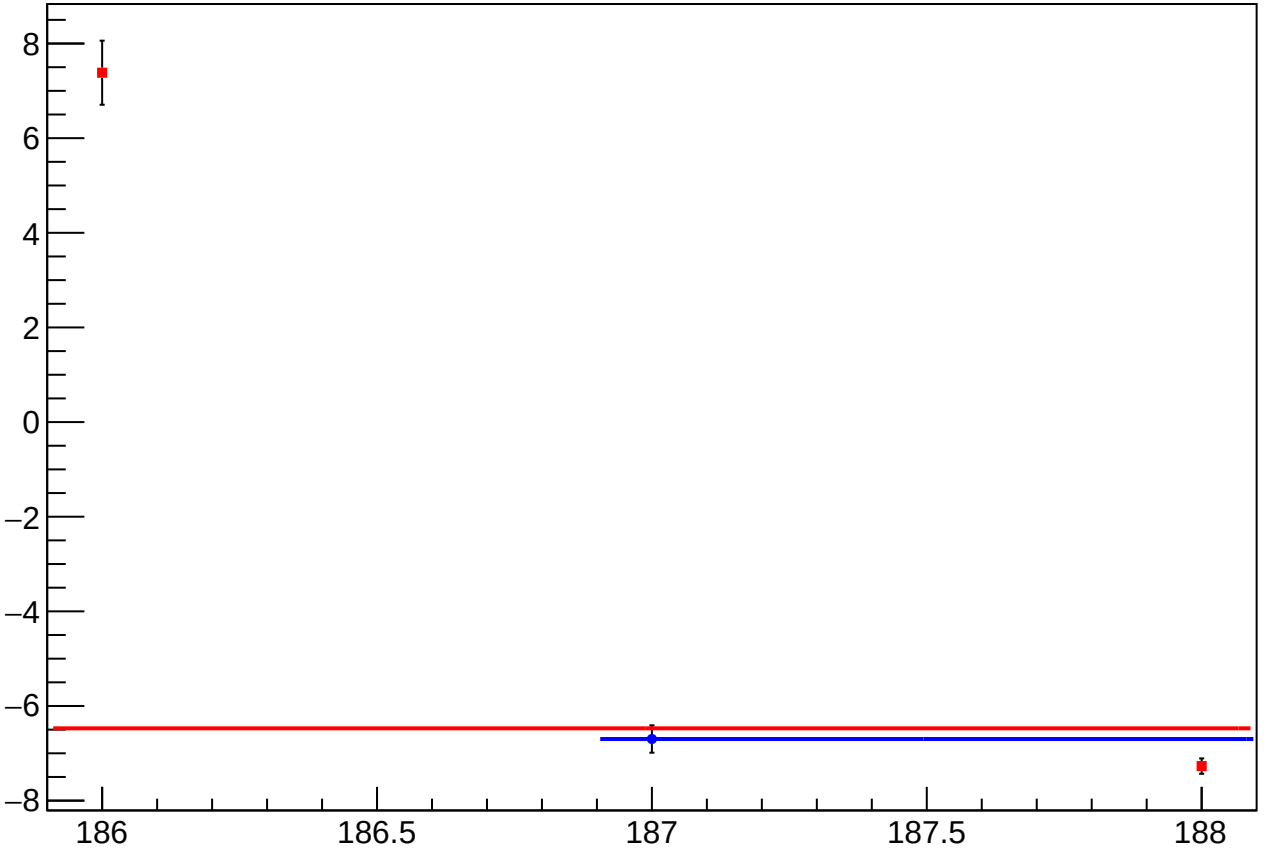
In: 1.834+/-0.352 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.470+/-0.171 χ^2/NDF: 441.9/2


reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
0.5
0
−0.5
−1
−1.5
−2
186
186.5
187
187.5
188
Right In: 0.061+/-0.571 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.045+/-0.320 χ²/NDF: 0.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -0.020+/-0.279 χ²/NDF: 0.6/2
In: 0.061+/-0.571 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -0.020+/-0.279 χ²/NDF: 0.6/2

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.698+/-0.289 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.472+/-0.158 χ^2/NDF: 442.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

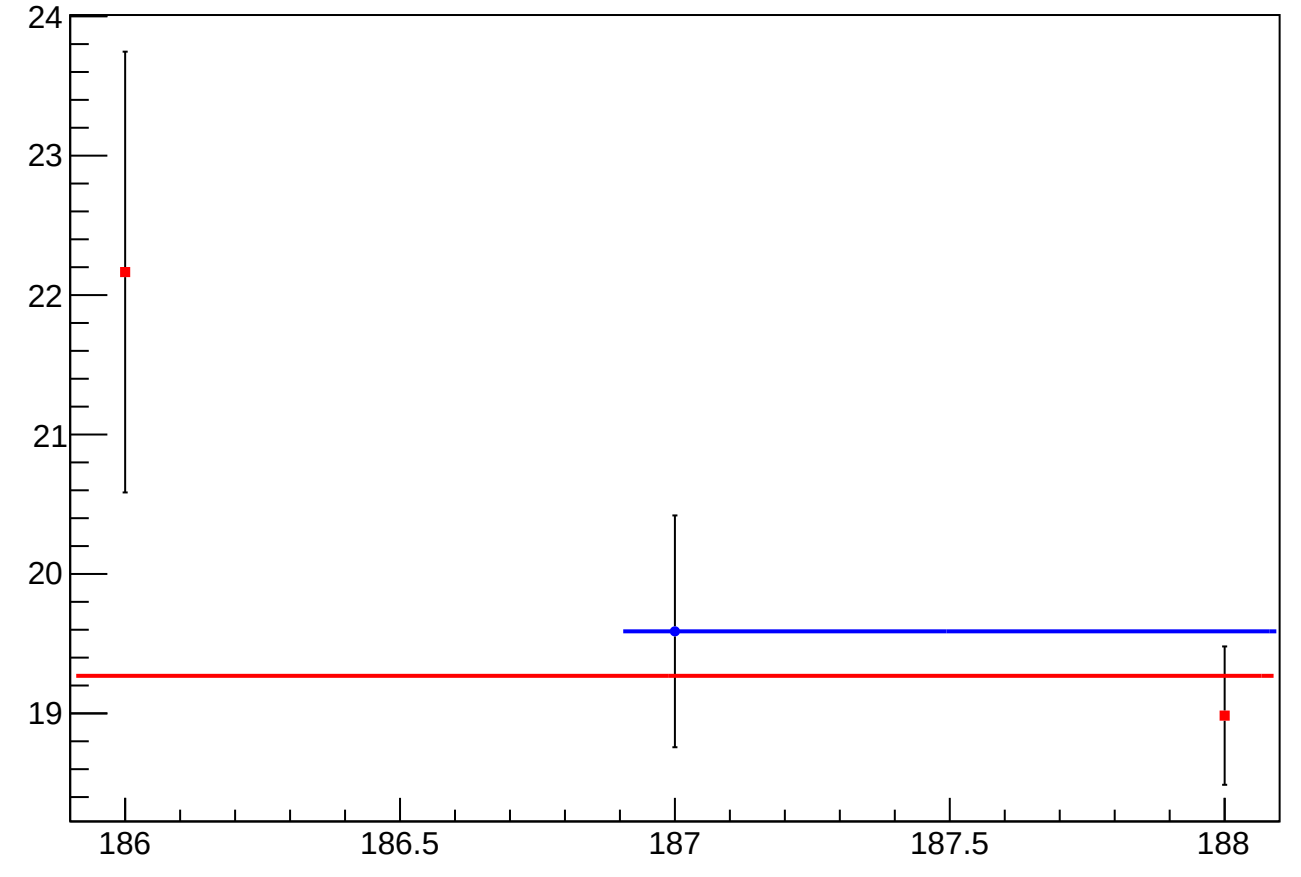
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6.524+/-0.139 χ^2/NDF: 443.1/2

In: -6.698+/-0.289 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.524+/-0.139 χ^2/NDF: 443.1/2



Right In: 19.589+/-0.831 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19.269+/-0.473 χ^2/NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

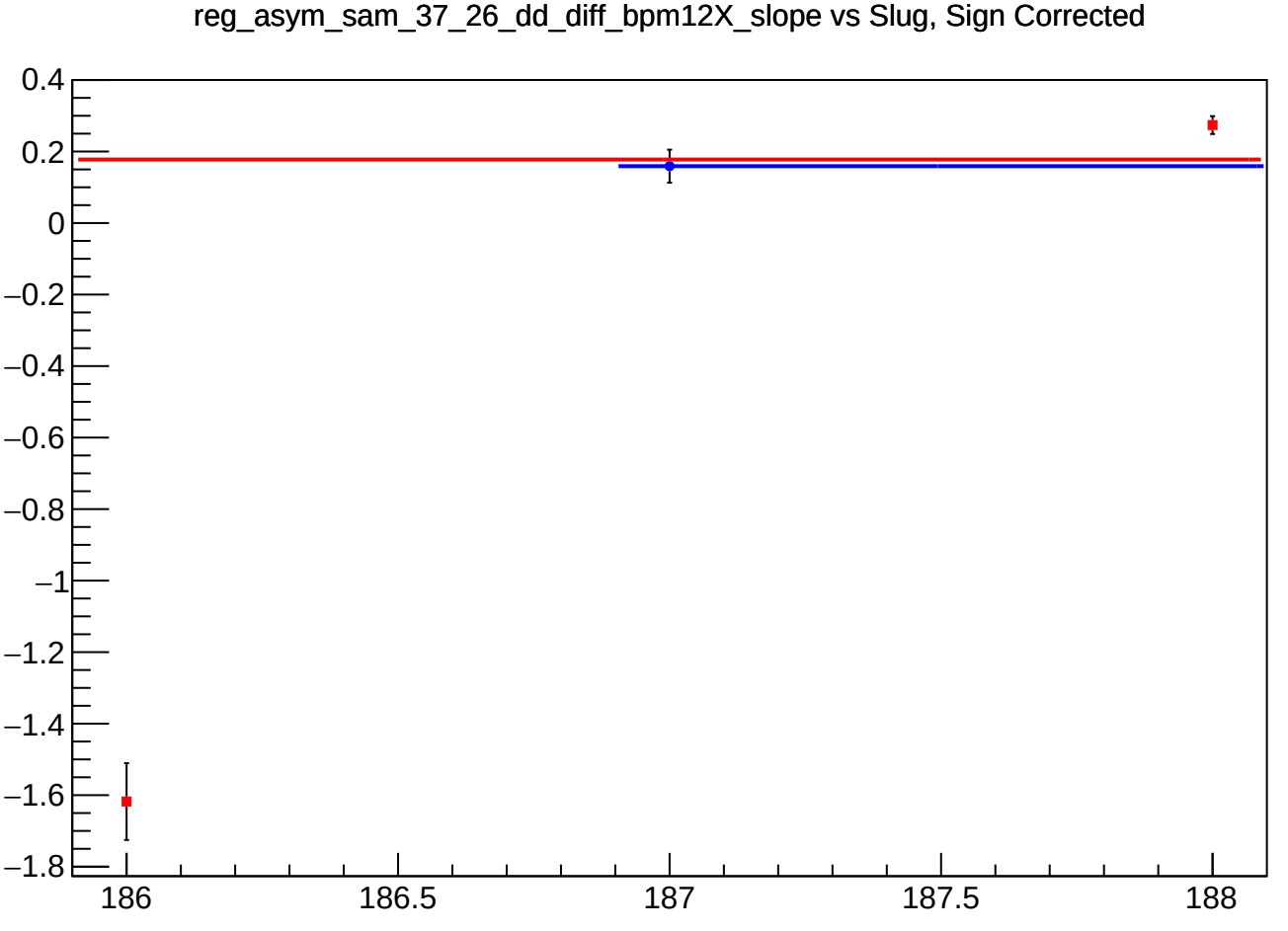
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 19.348+/-0.411 χ^2/NDF: 3.8/2

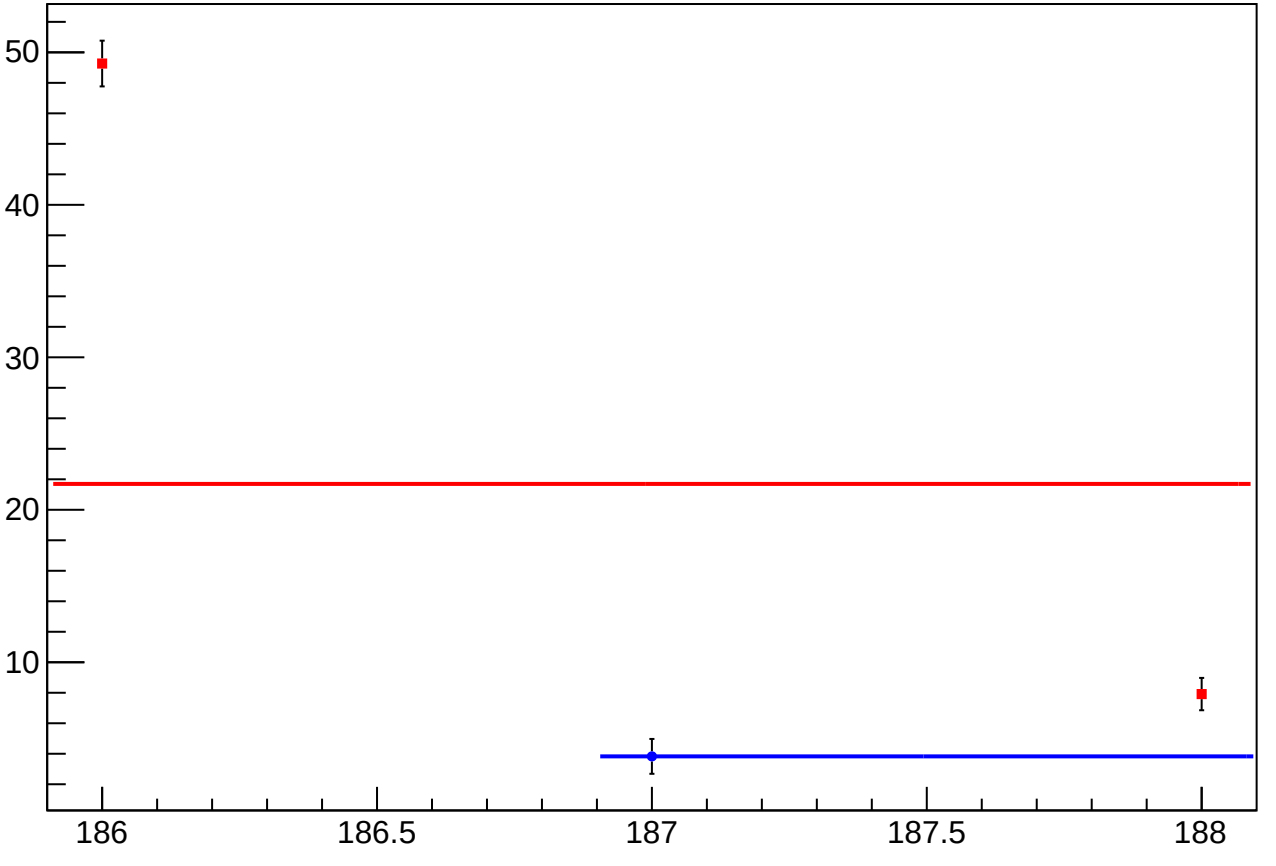
In: 19.589+/-0.831 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 19.348+/-0.411 χ^2/NDF: 3.8/2


reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
−1.4
−1.6
−1.8
186
186.5
187
187.5
188
Right In: 0.159+/-0.046 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.178+/-0.024 χ²/NDF: 294.2/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.174+/-0.021 χ²/NDF: 294.3/2
In: 0.159+/-0.046 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.174+/-0.021 χ²/NDF: 294.3/2

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.828+/-1.143 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 21.697+/-0.866 χ^2/NDF: 506.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

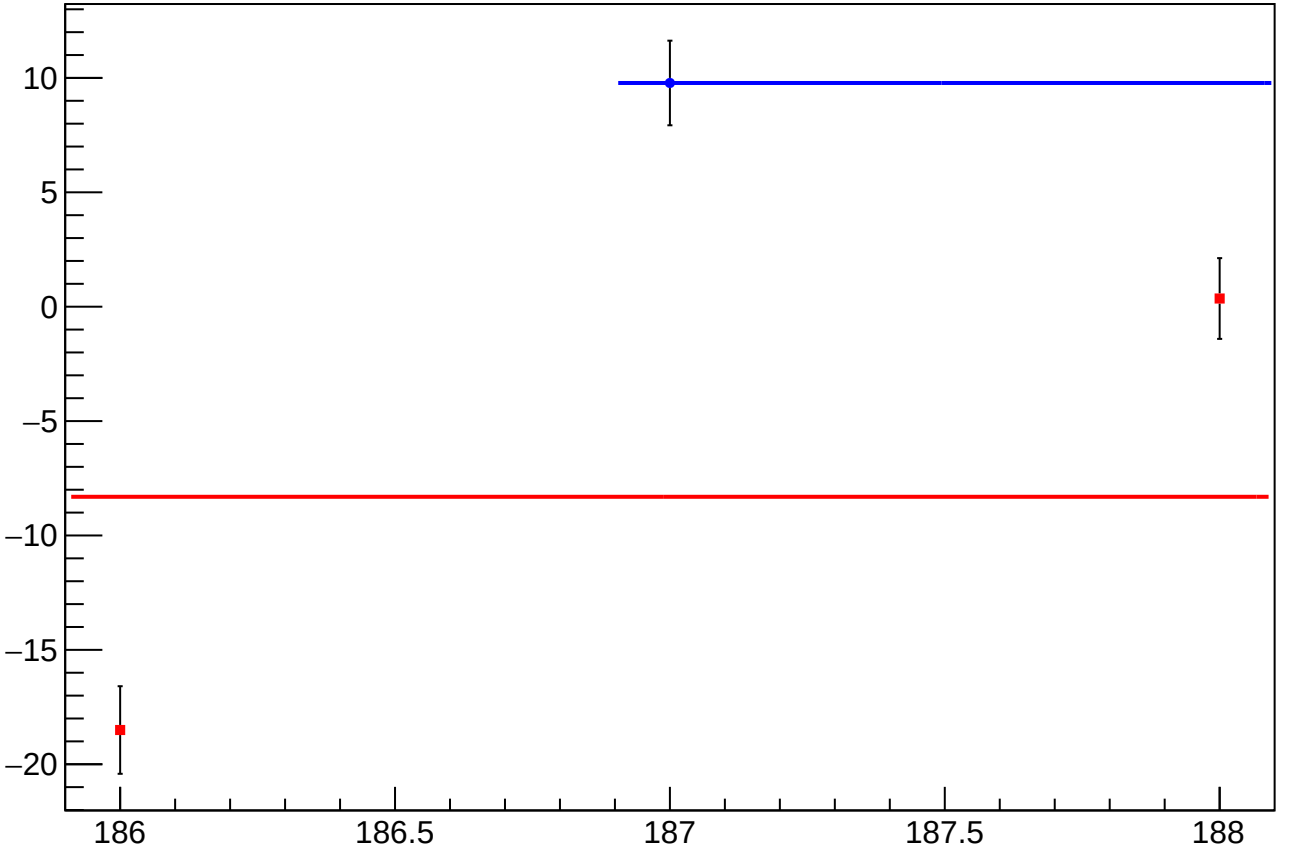
Right: 15.180+/-0.690 χ^2/NDF: 662.2/2

In: 3.828+/-1.143 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15.180+/-0.690 χ^2/NDF: 662.2/2

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.779+/-1.849 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.309+/-1.298 χ^2/NDF: 52.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

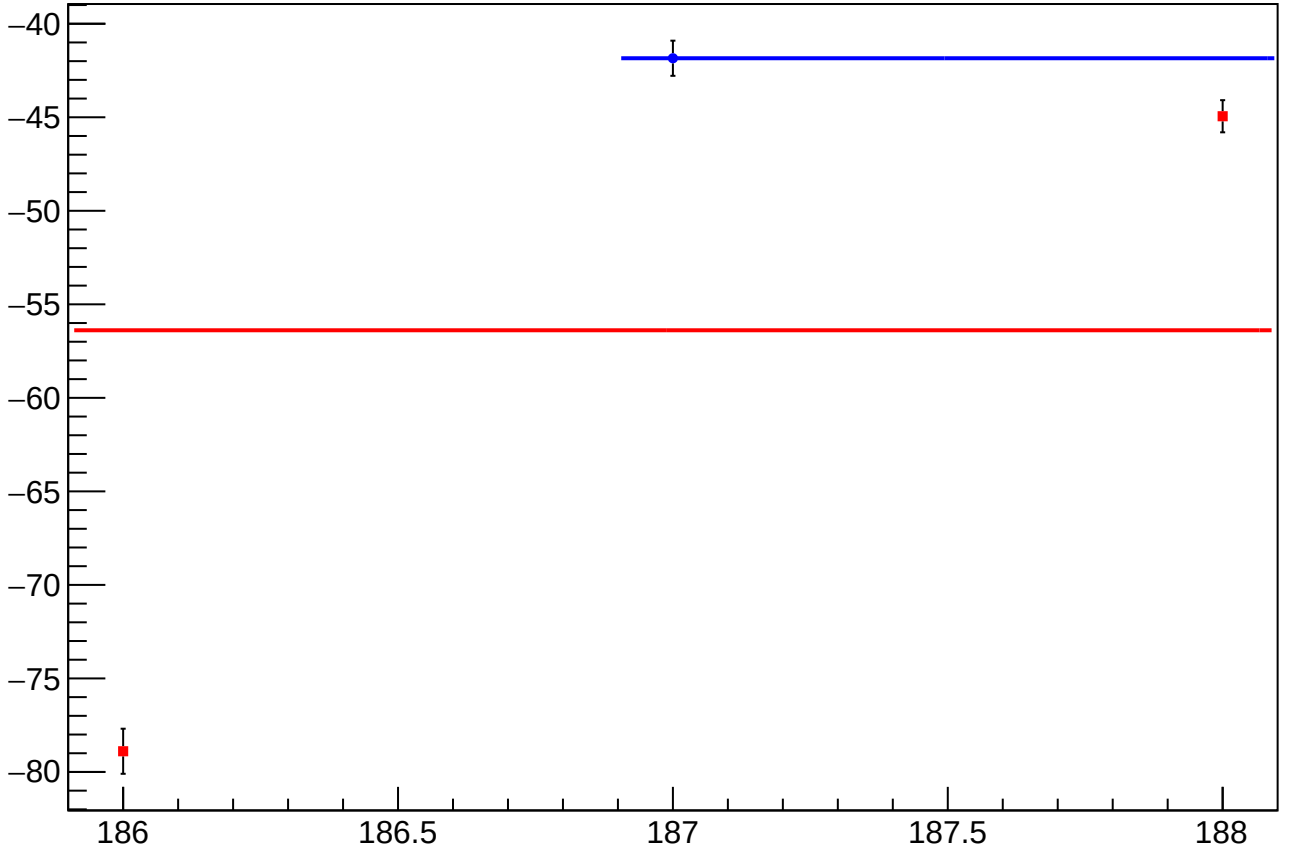
Right: -2.342+/-1.062 χ^2/NDF: 116.6/2

In: 9.779+/-1.849 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.342+/-1.062 χ^2/NDF: 116.6/2

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.844+/-0.940 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -56.387+/-0.700 χ^2/NDF: 526.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

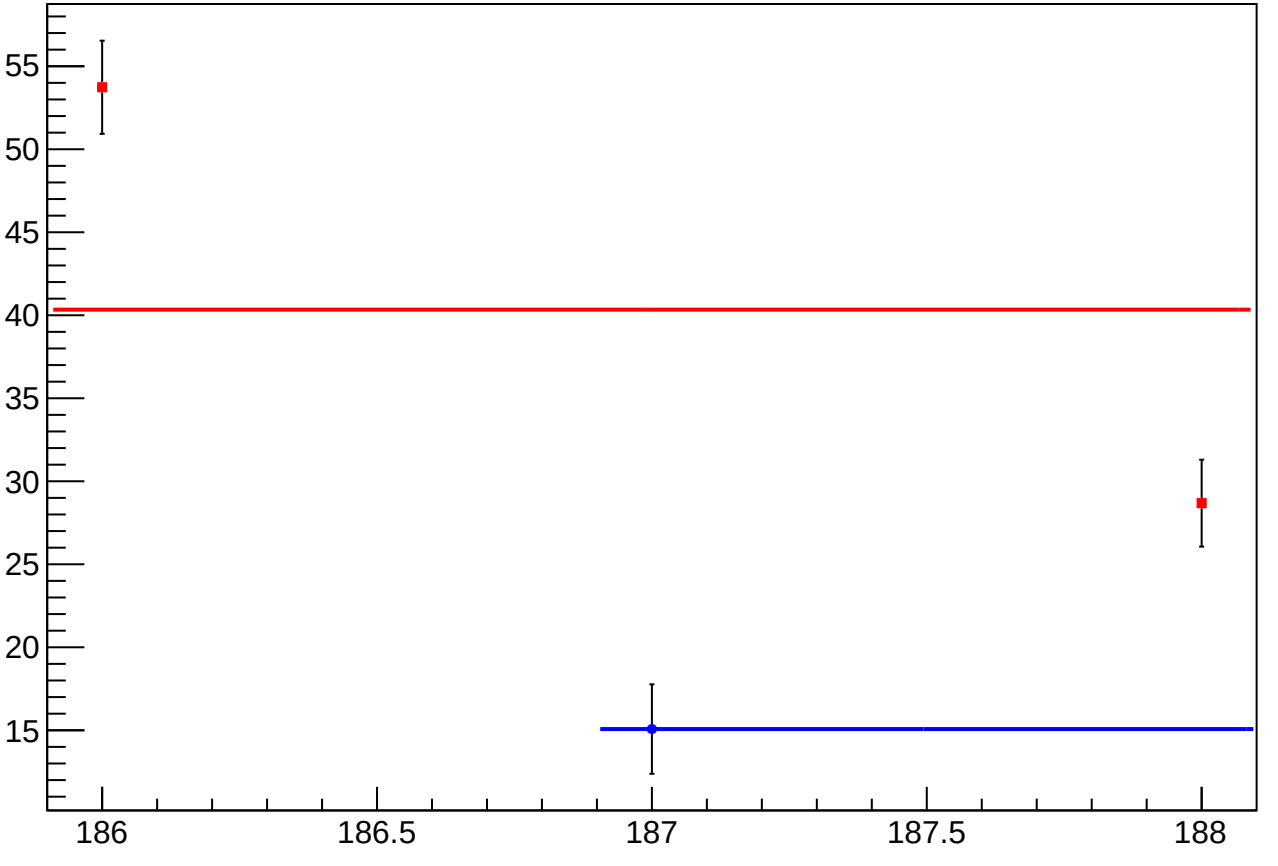
Right: -51.199+/-0.561 χ^2/NDF: 680.1/2

In: -41.844+/-0.940 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -51.199+/-0.561 χ^2/NDF: 680.1/2

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.074+/-2.695 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.339+/-1.914 χ^2/NDF: 42.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

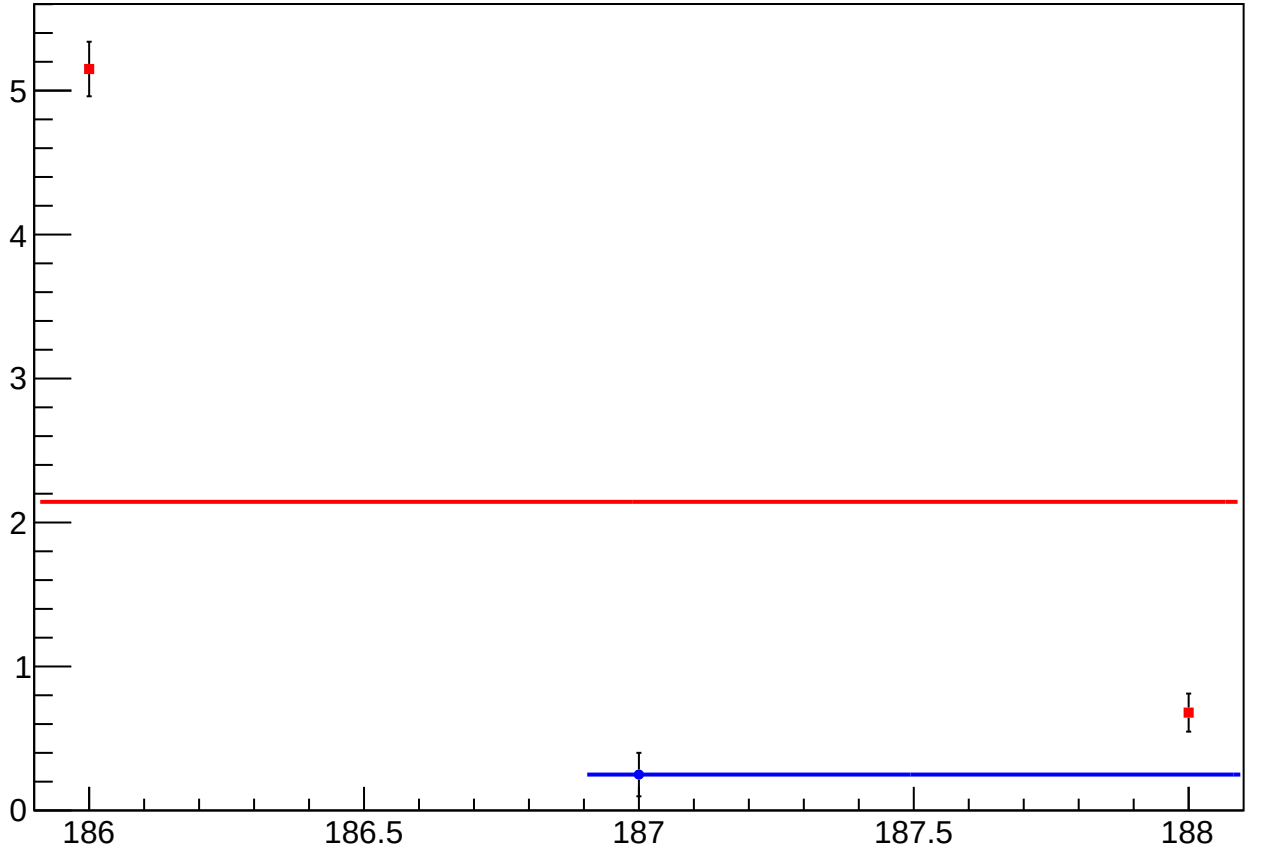
Right: 31.868+/-1.561 χ^2/NDF: 101.0/2

In: 15.074+/-2.695 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 31.868+/-1.561 χ^2/NDF: 101.0/2

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.249+/-0.151 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.144+/-0.108 χ^2/NDF: 374.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

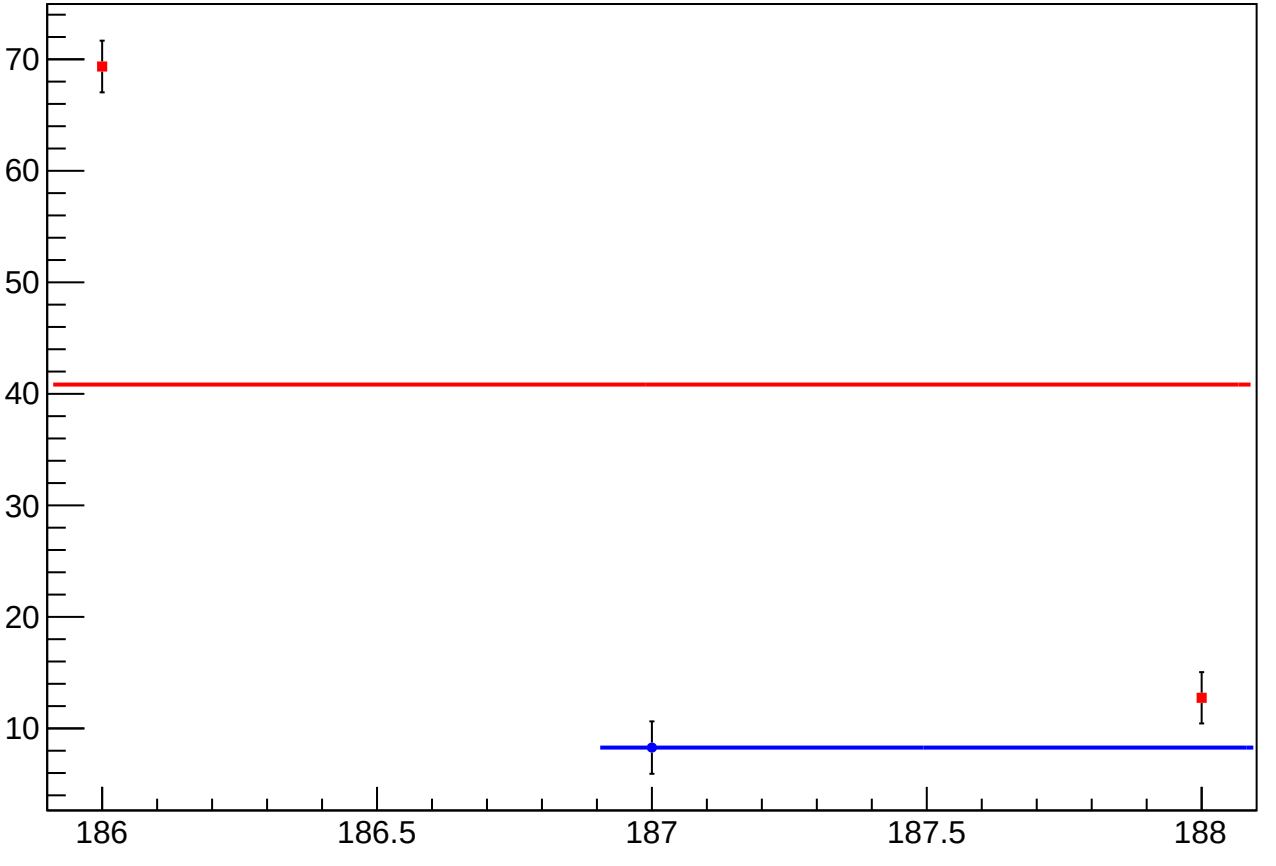
Right: 1.499+/-0.088 χ^2/NDF: 478.6/2

In: 0.249+/-0.151 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.499+/-0.088 χ^2/NDF: 478.6/2

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.281+/-2.351 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.834+/-1.632 χ^2/NDF: 300.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

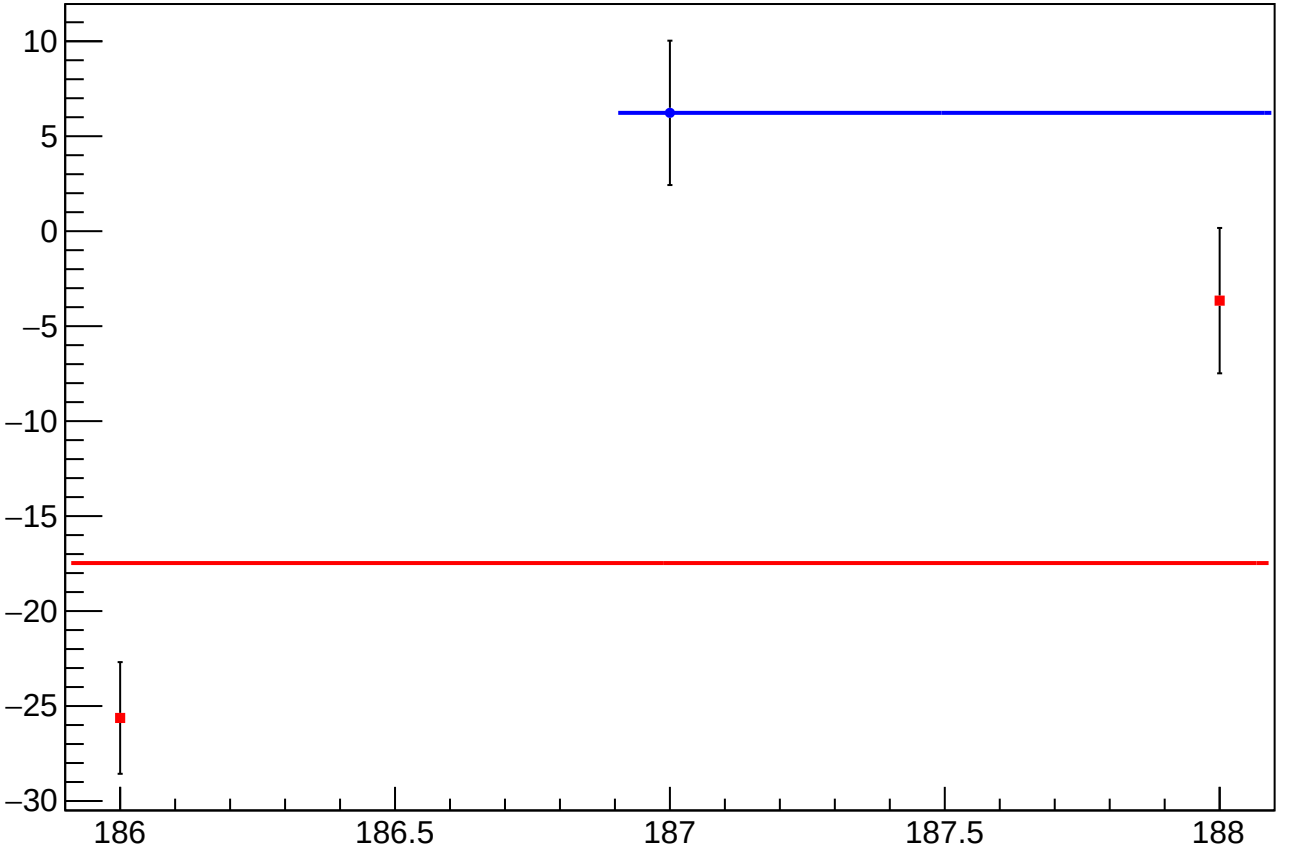
Right: 30.242+/-1.341 χ^2/NDF: 430.0/2

In: 8.281+/-2.351 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 30.242+/-1.341 χ^2/NDF: 430.0/2

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.230+/-3.801 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -17.473+/-2.331 χ^2/NDF: 20.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

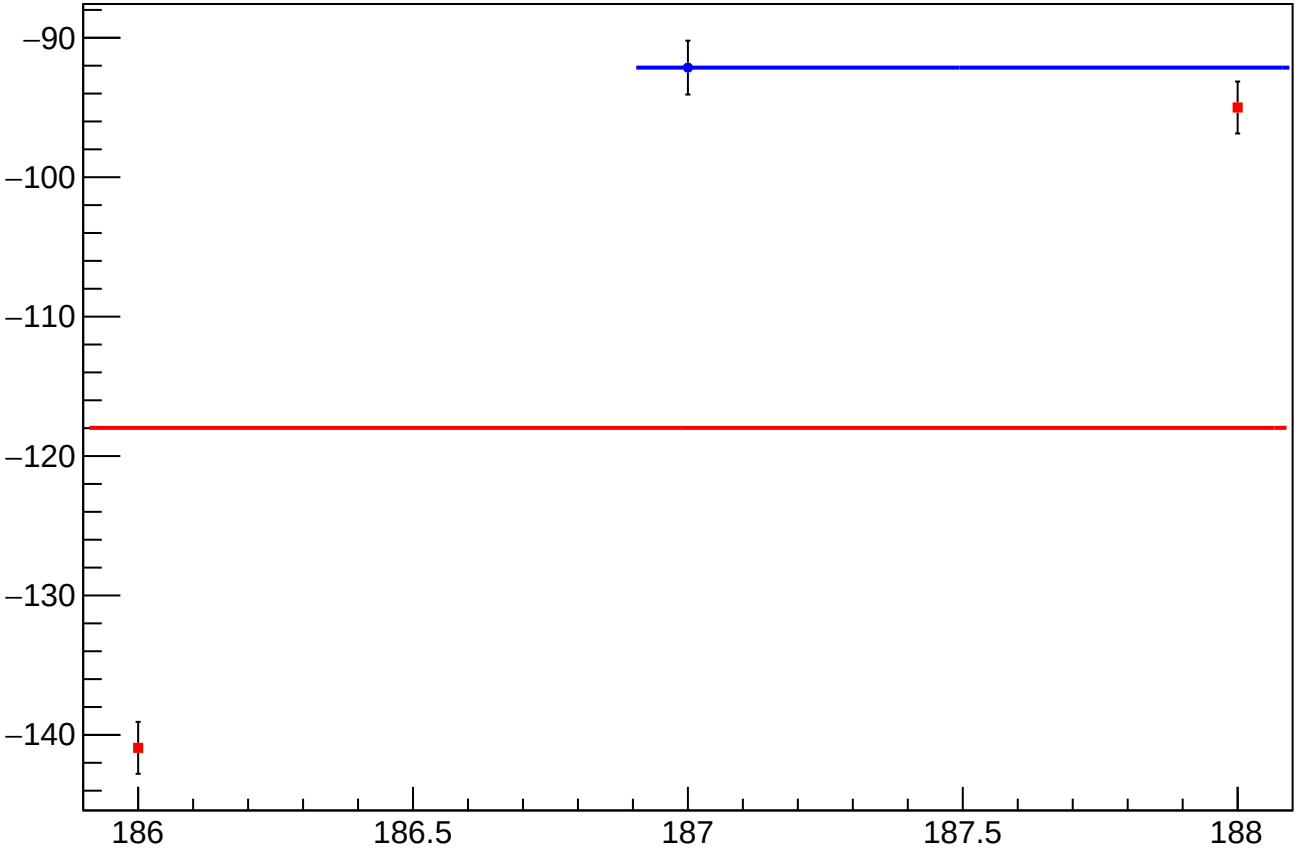
Right: -10.992+/-1.987 χ^2/NDF: 49.0/2

In: 6.230+/-3.801 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10.992+/-1.987 χ^2/NDF: 49.0/2

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -92.138+/-1.932 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -117.977+/-1.317 χ^2/NDF: 303.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

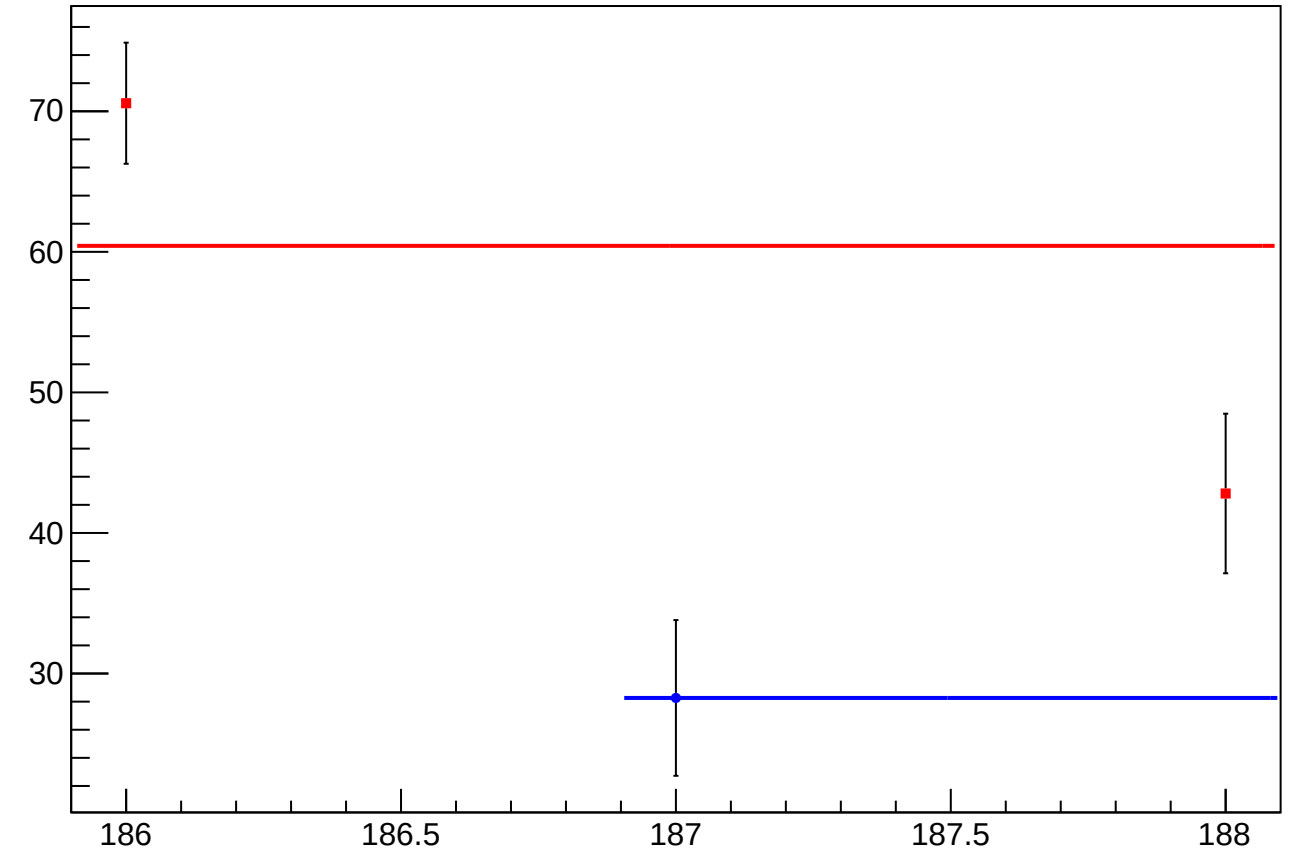
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -109.776+/-1.088 χ^2/NDF: 425.9/2

In: -92.138+/-1.932 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -109.776+/-1.088 χ^2/NDF: 425.9/2



Right In: 28.263+/-5.539 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 60.427+/-3.432 χ^2/NDF: 15.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

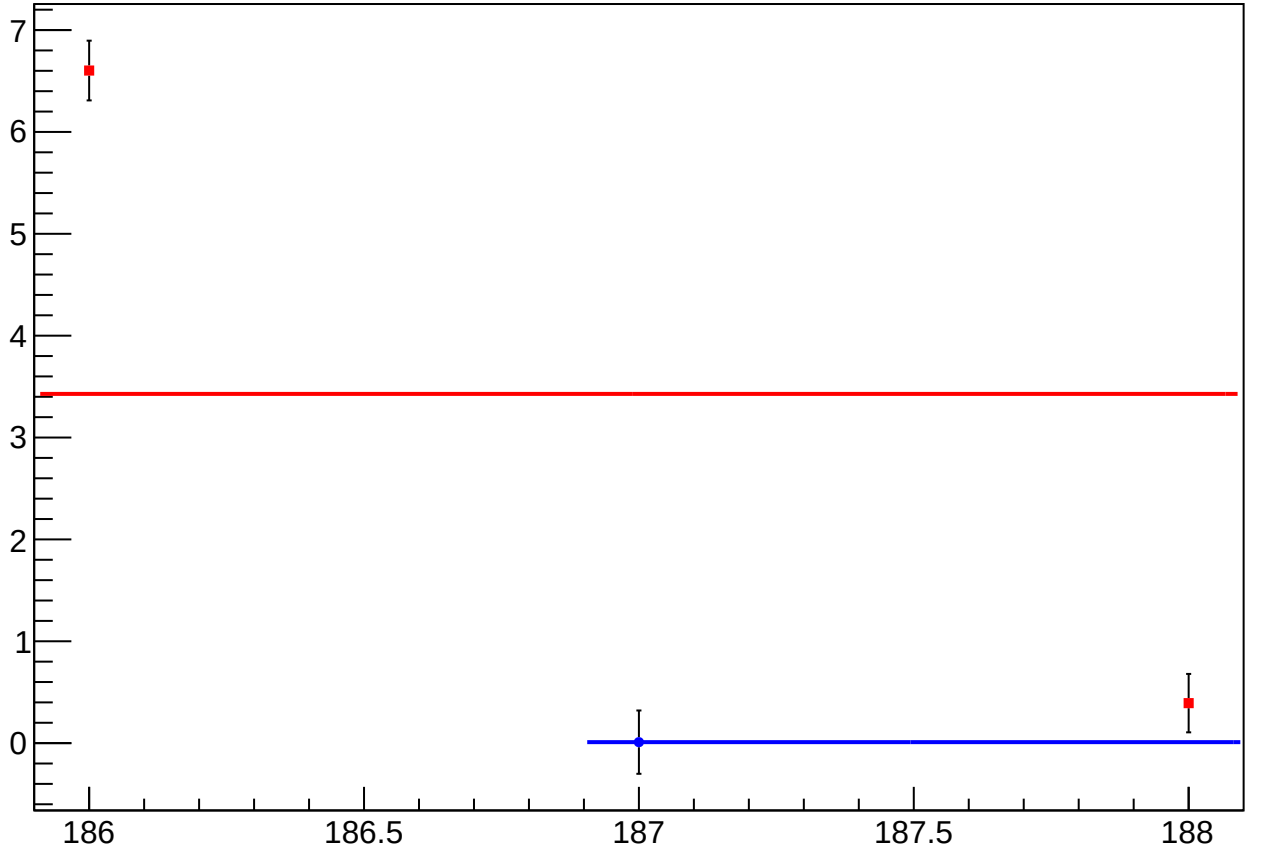
Right: 51.507+/-2.917 χ^2/NDF: 39.5/2

In: 28.263+/-5.539 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 51.507+/-2.917 χ^2/NDF: 39.5/2

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.311 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.428+/-0.205 χ^2/NDF: 229.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

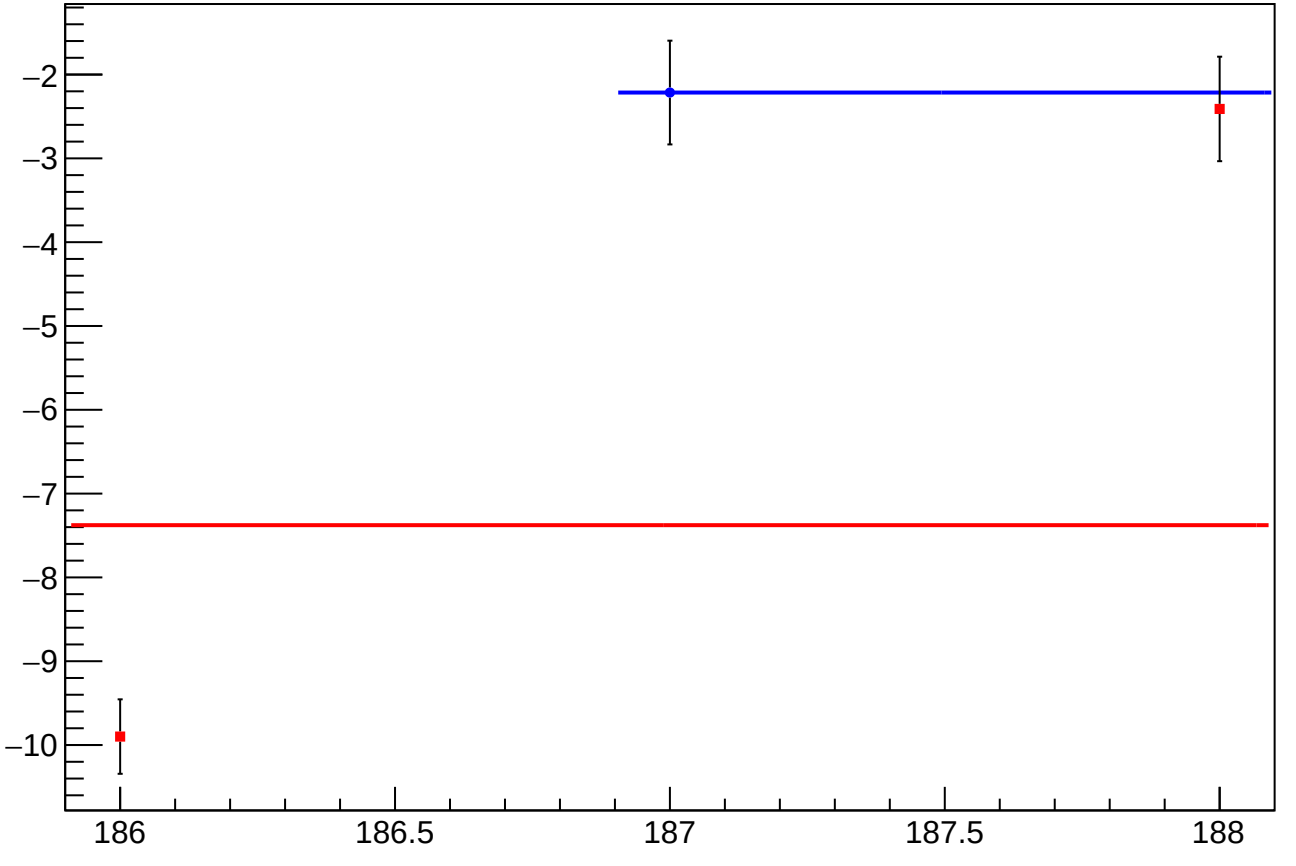
Right: 2.392+/-0.171 χ^2/NDF: 313.6/2

In: 0.010+/-0.311 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.392+/-0.171 χ^2/NDF: 313.6/2

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.215+/-0.619 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.377+/-0.362 χ^2/NDF: 95.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

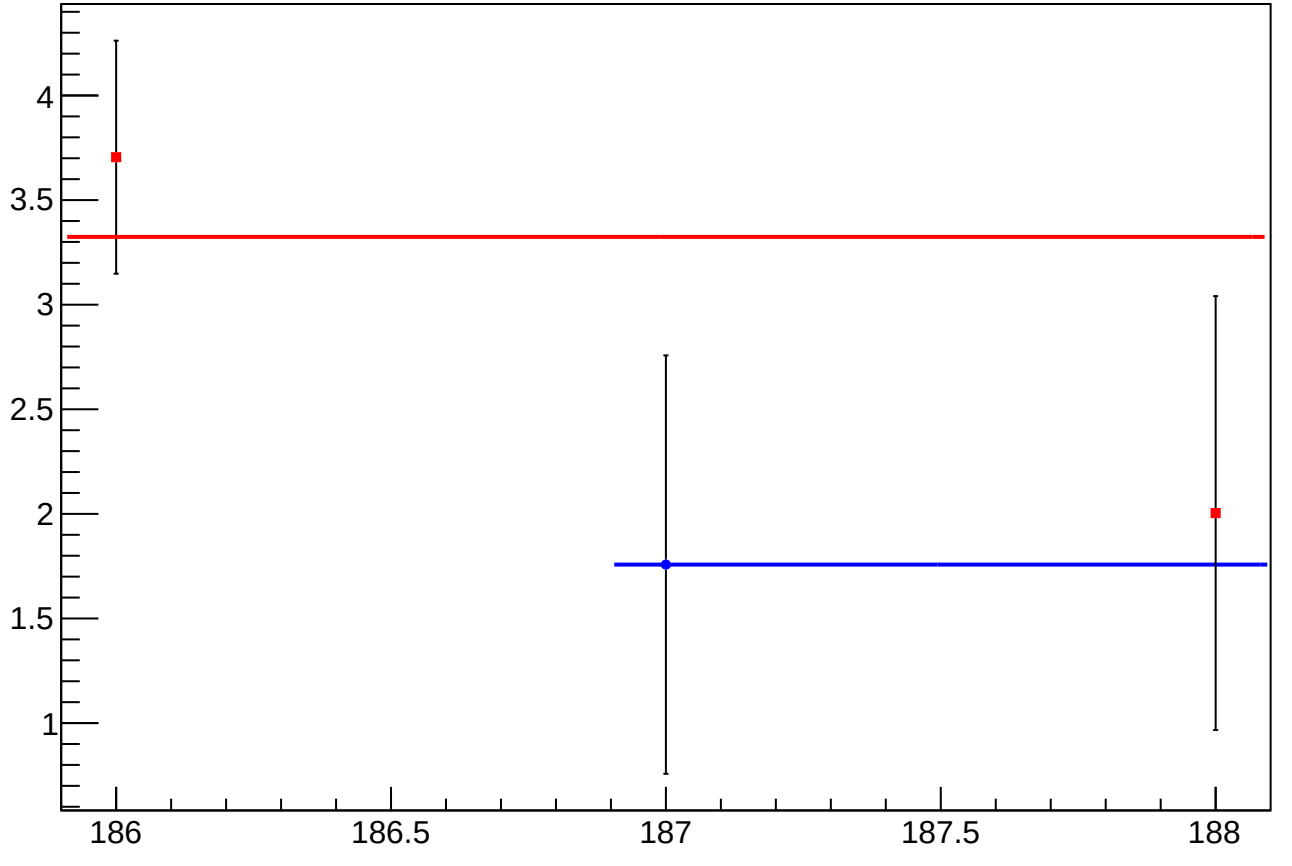
Right: -6.062+/-0.312 χ^2/NDF: 147.6/2

In: -2.215+/-0.619 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.062+/-0.312 χ^2/NDF: 147.6/2

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.758+/-1.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.324+/-0.491 χ^2/NDF: 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

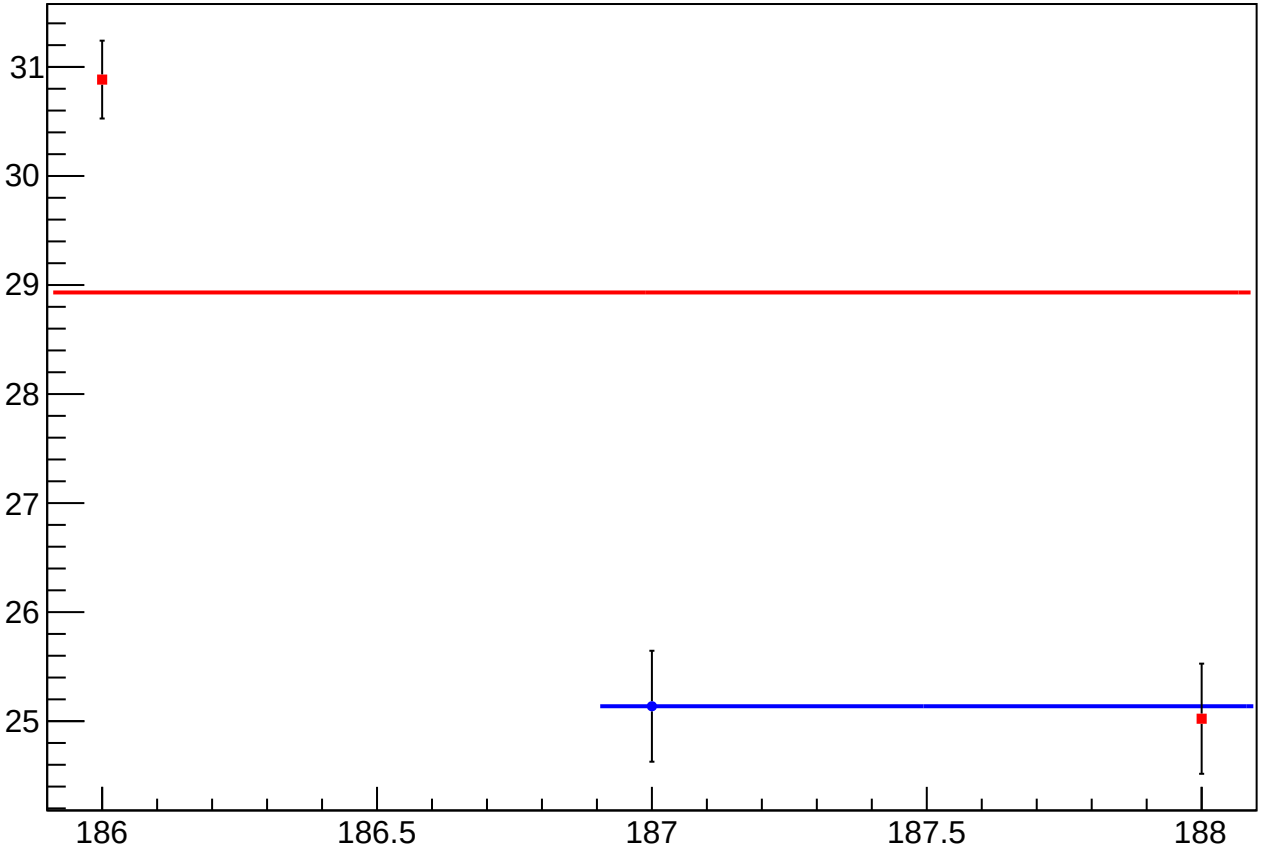
Right: 3.020+/-0.441 χ^2/NDF: 4.1/2

In: 1.758+/-1.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.020+/-0.441 χ^2/NDF: 4.1/2

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.137+/-0.509 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 28.932+/-0.292 χ^2/NDF: 89.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

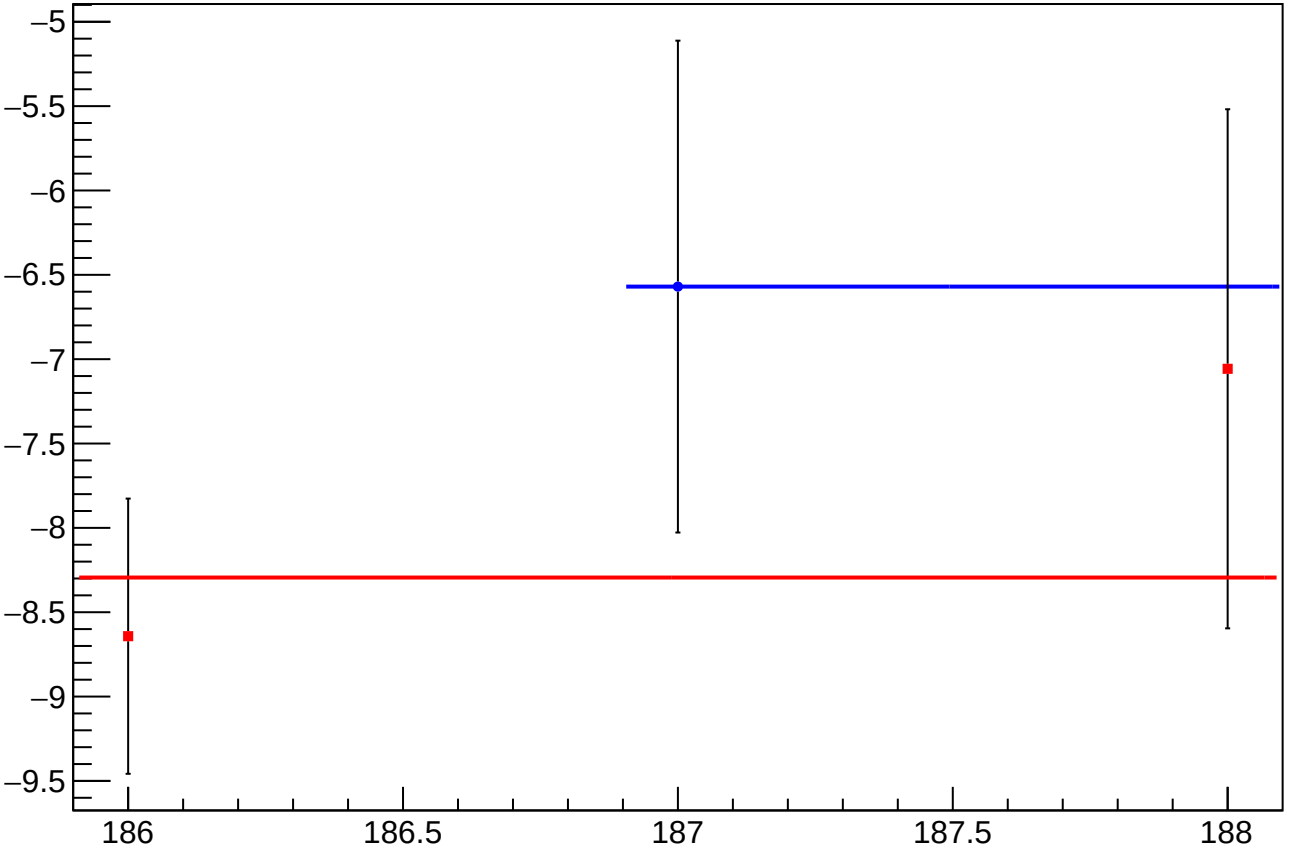
Right: 27.994+/-0.253 χ^2/NDF: 131.7/2

In: 25.137+/-0.509 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 27.994+/-0.253 χ^2/NDF: 131.7/2

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.570+/-1.458 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.294+/-0.721 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

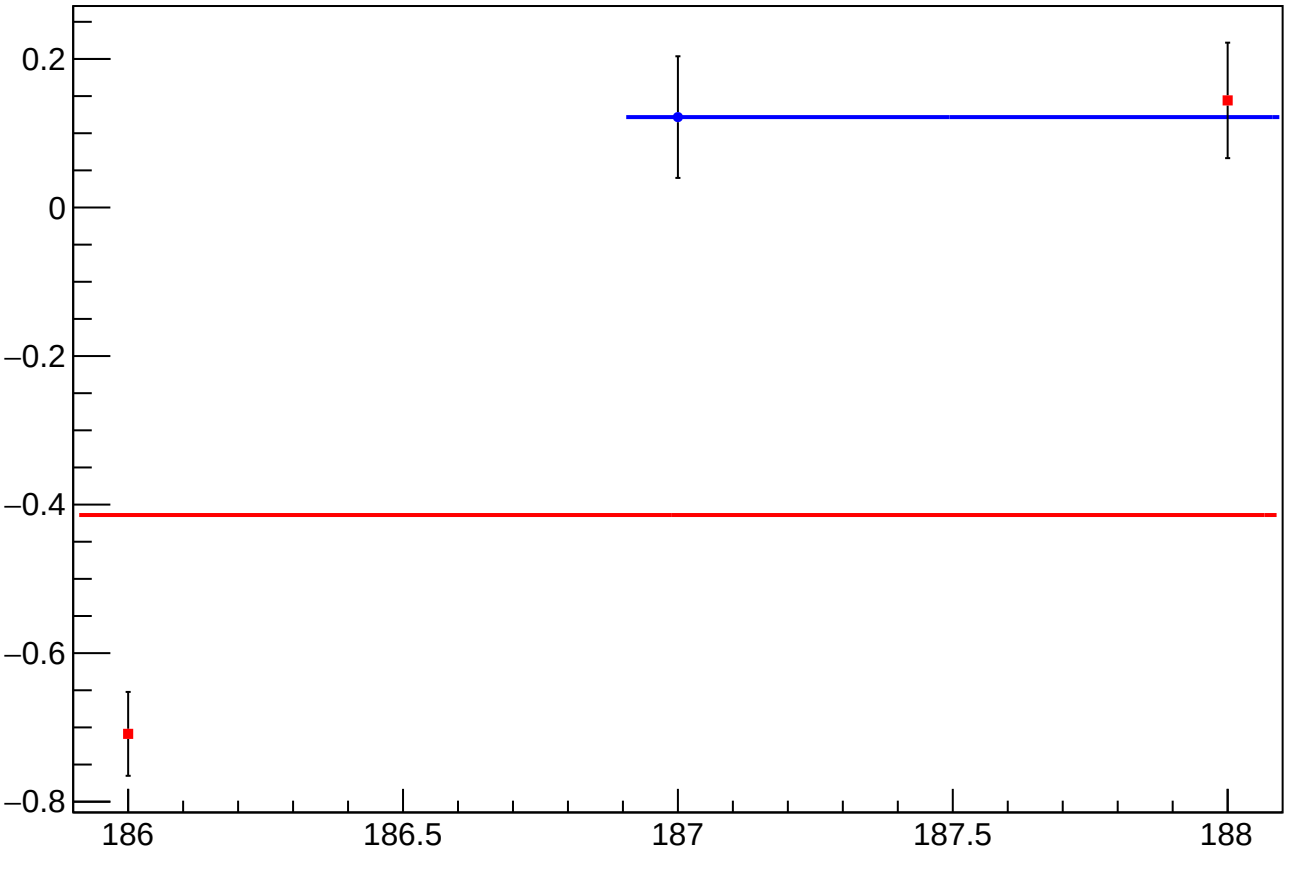
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.956+/-0.646 χ^2/NDF: 2.0/2

In: -6.570+/-1.458 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.956+/-0.646 χ^2/NDF: 2.0/2



Right In: 0.122+/-0.082 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.414+/-0.046 χ^2/NDF: 78.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

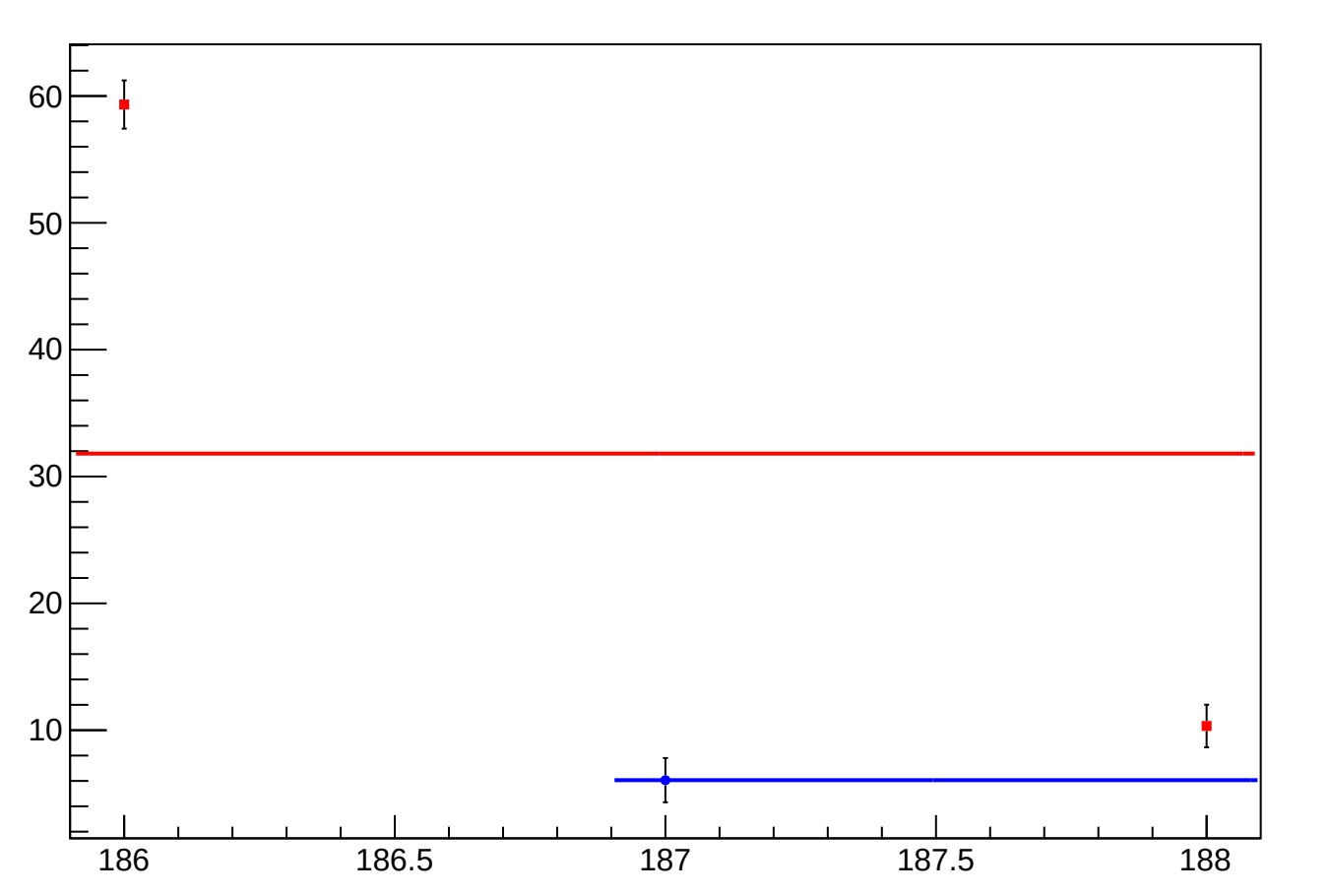
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.287+/-0.040 χ^2/NDF: 111.4/2

In: 0.122+/-0.082 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.287+/-0.040 χ^2/NDF: 111.4/2



Right In: 6.059+/-1.741 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 31.806+/-1.258 χ^2/NDF: 373.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

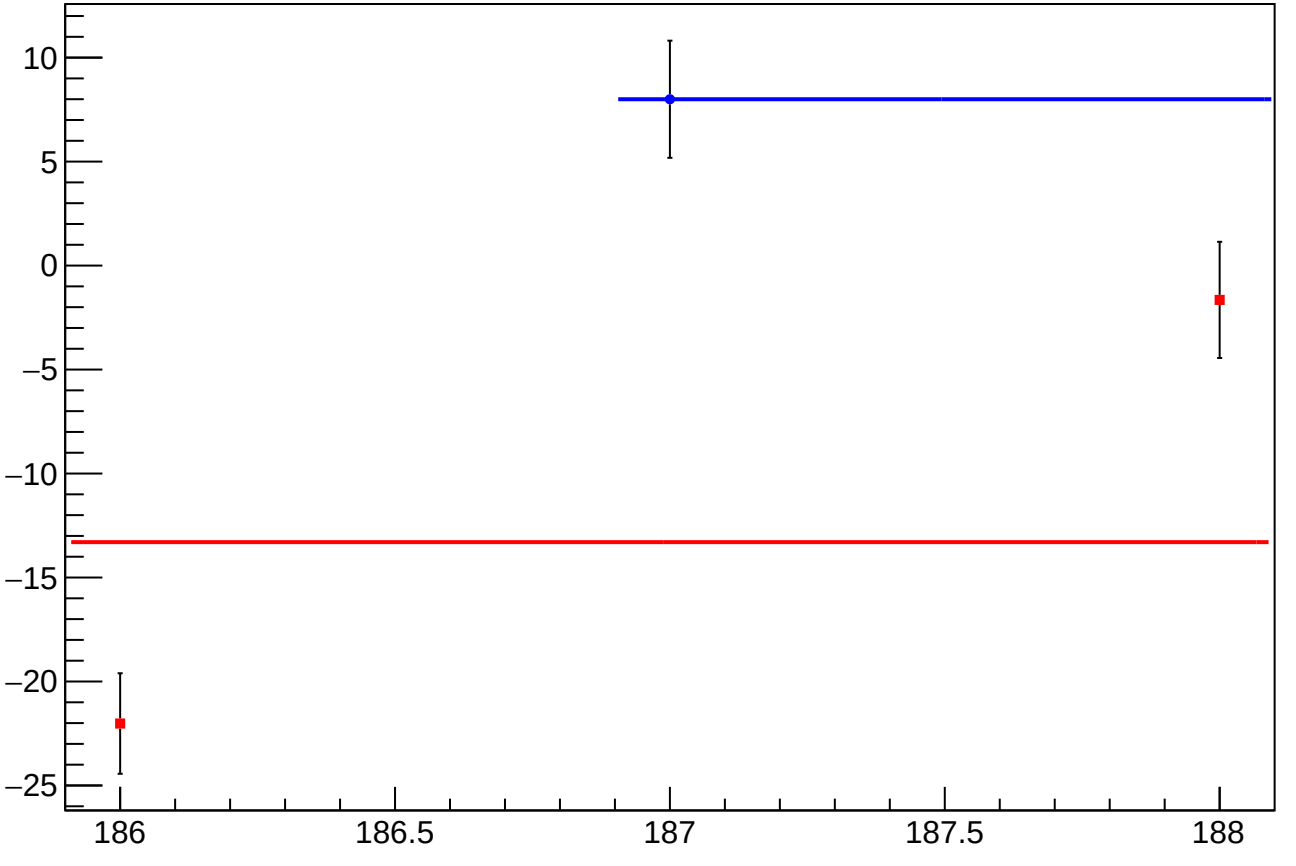
Right: 22.975+/-1.020 χ^2/NDF: 516.9/2

In: 6.059+/-1.741 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.975+/-1.020 χ^2/NDF: 516.9/2

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.998+/-2.816 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -13.299+/-1.828 χ^2/NDF: 30.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

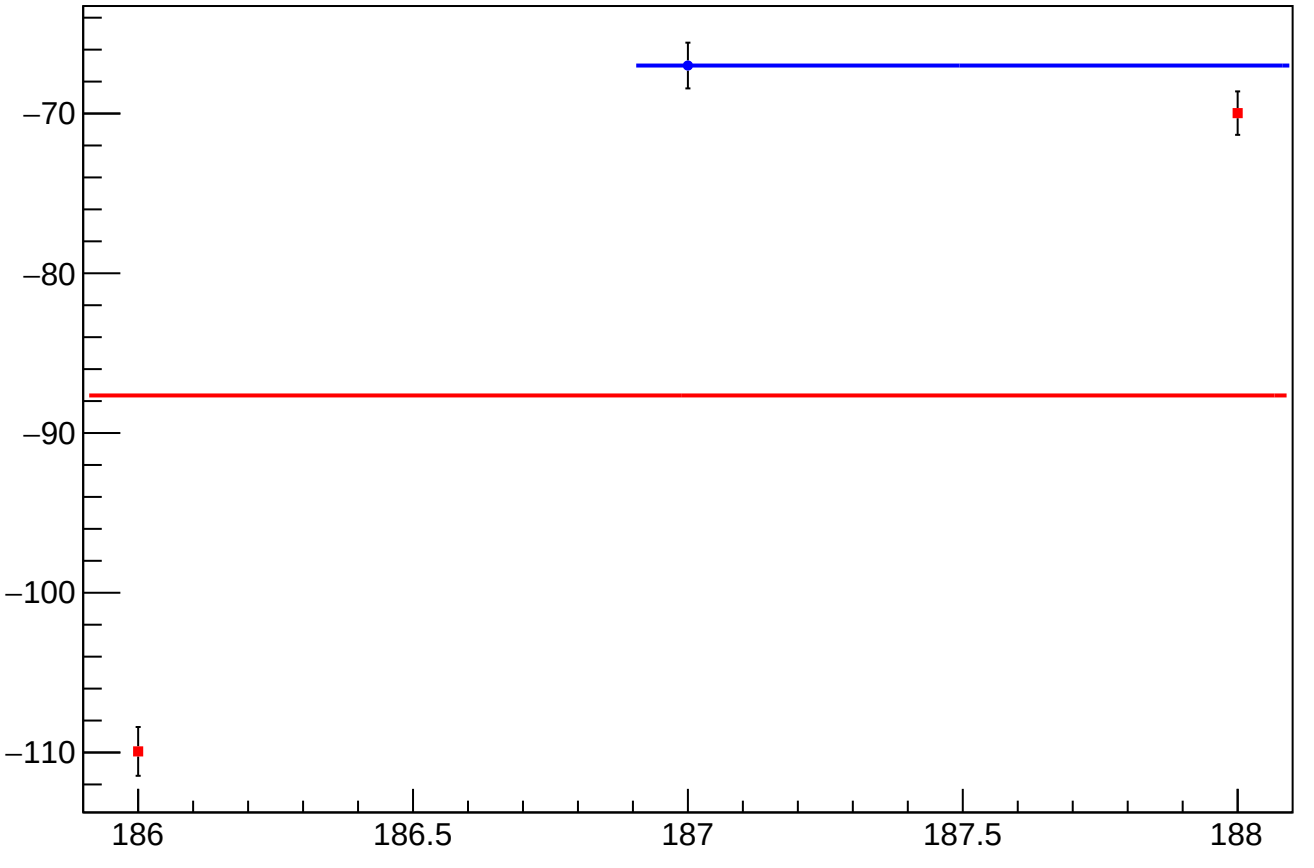
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6.986+/-1.533 χ^2/NDF: 70.6/2

In: 7.998+/-2.816 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.986+/-1.533 χ^2/NDF: 70.6/2



Right In: -66.995+/-1.432 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -87.649+/-1.016 χ^2/NDF: 381.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

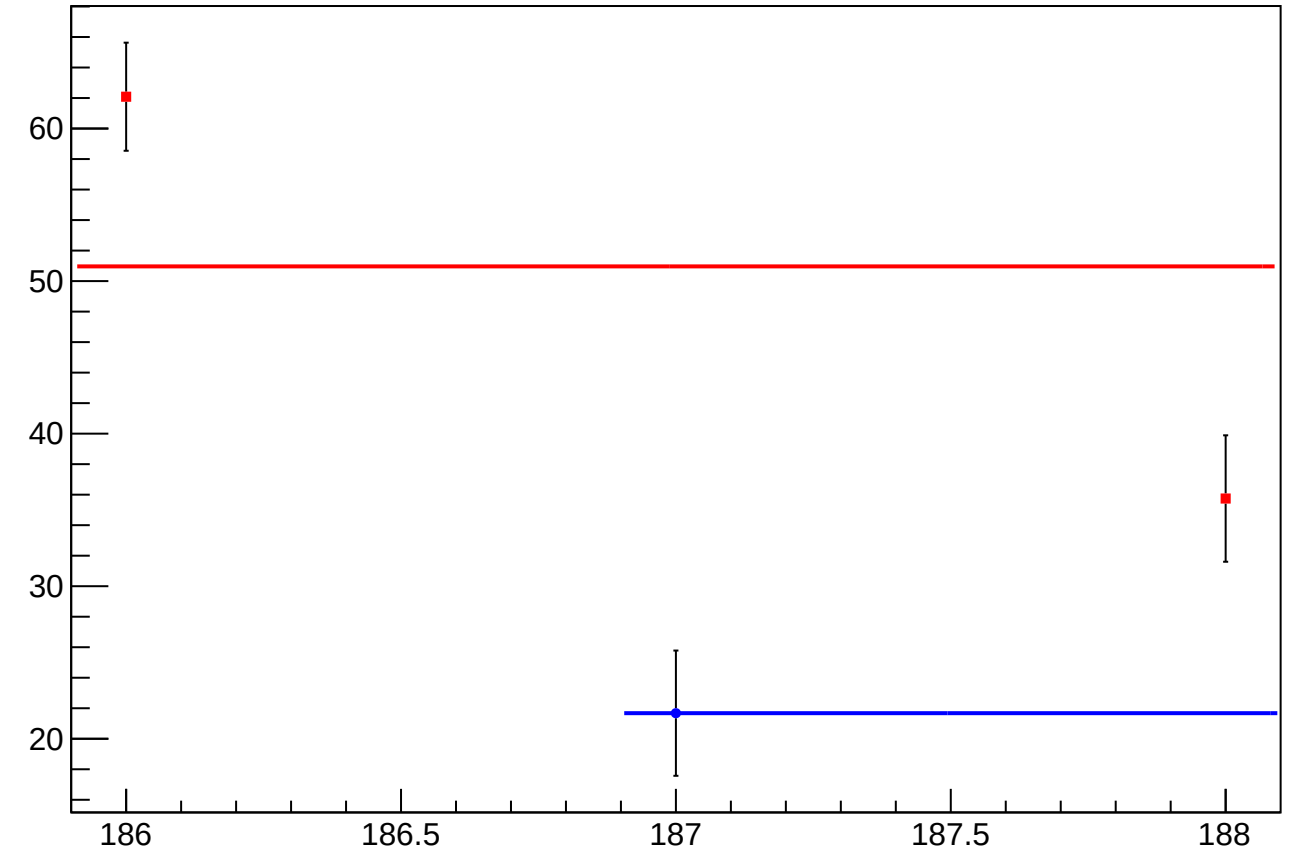
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -80.731+/-0.829 χ^2/NDF: 520.0/2

In: -66.995+/-1.432 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -80.731+/-0.829 χ^2/NDF: 520.0/2



Right In: 21.677+/-4.105 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.964+/-2.693 χ^2/NDF: 23.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

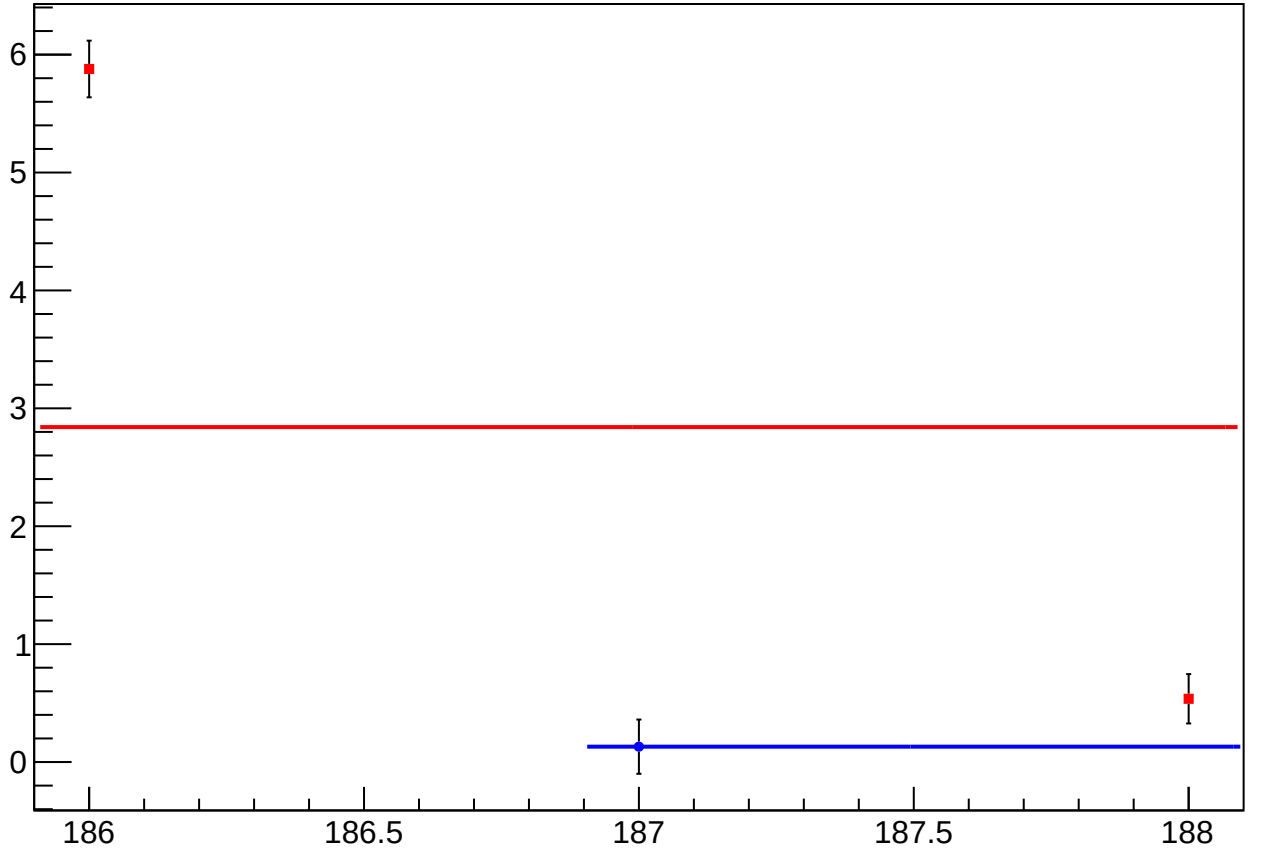
Right: 42.152+/-2.252 χ^2/NDF: 58.9/2

In: 21.677+/-4.105 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 42.152+/-2.252 χ^2/NDF: 58.9/2

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.230 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.841+/-0.158 χ^2/NDF: 281.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

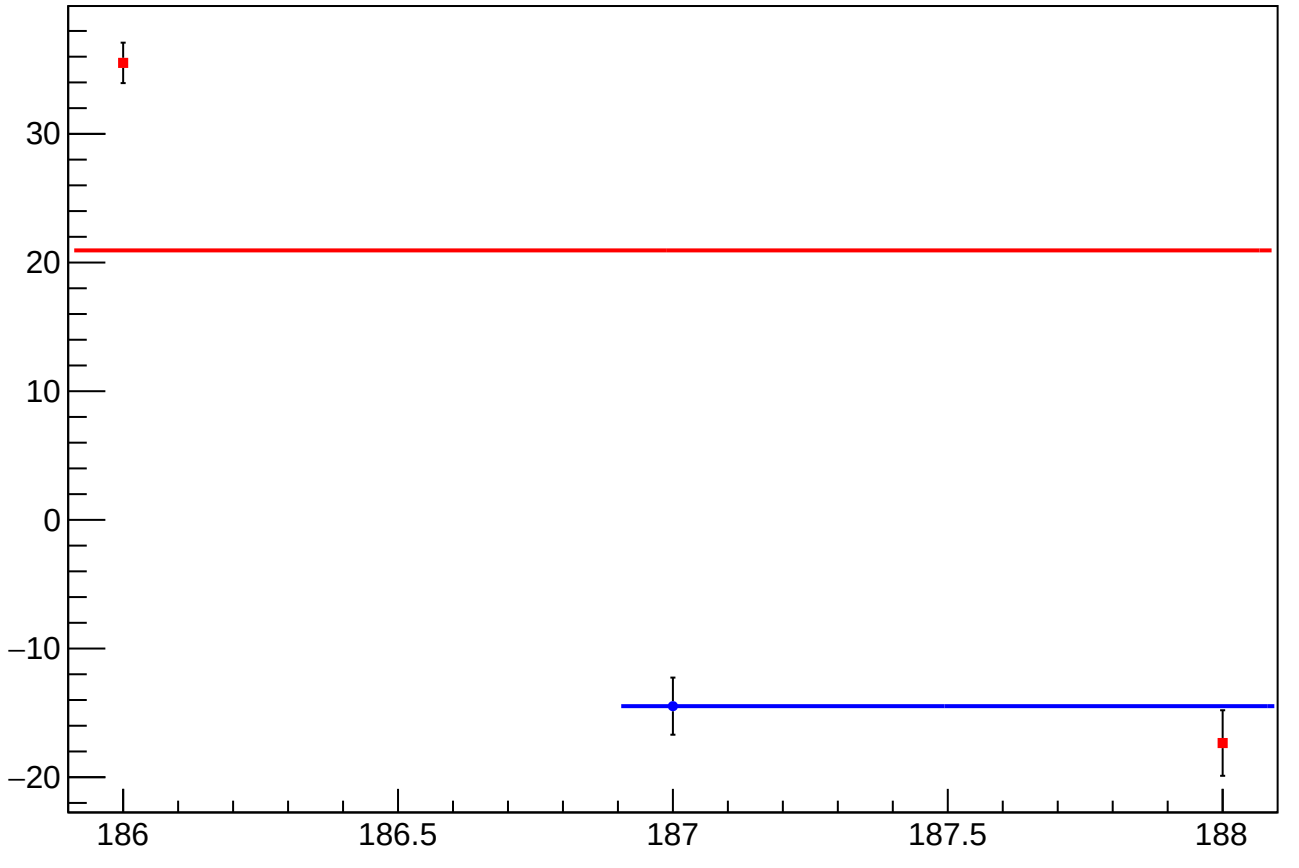
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.974+/-0.130 χ^2/NDF: 375.4/2

In: 0.130+/-0.230 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.974+/-0.130 χ^2/NDF: 375.4/2



Right In: -14.478+/-2.220 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.944+/-1.337 χ^2/NDF: 312.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

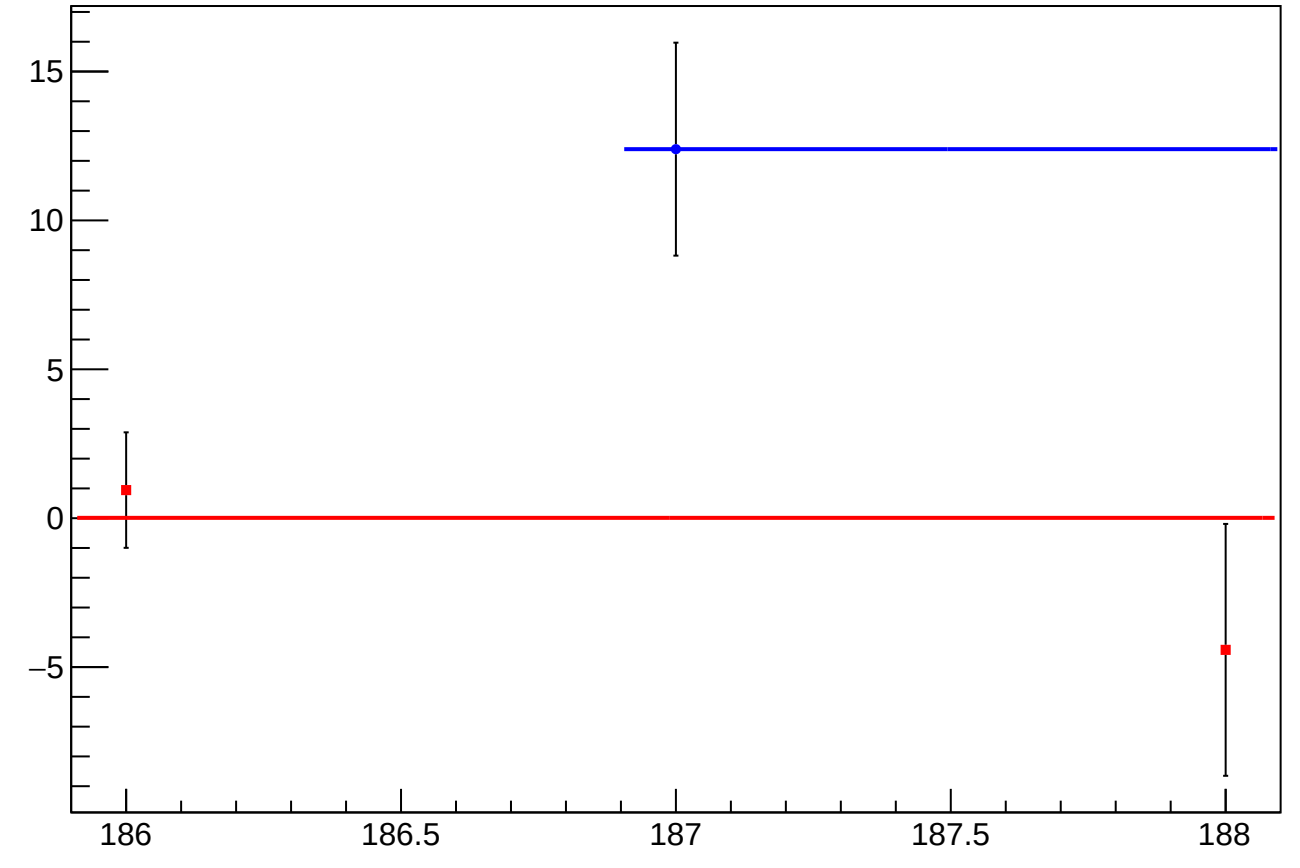
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.511+/-1.146 χ^2/NDF: 498.8/2

In: -14.478+/-2.220 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.511+/-1.146 χ^2/NDF: 498.8/2



Right In: 12.393+/-3.576 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.012+/-1.763 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

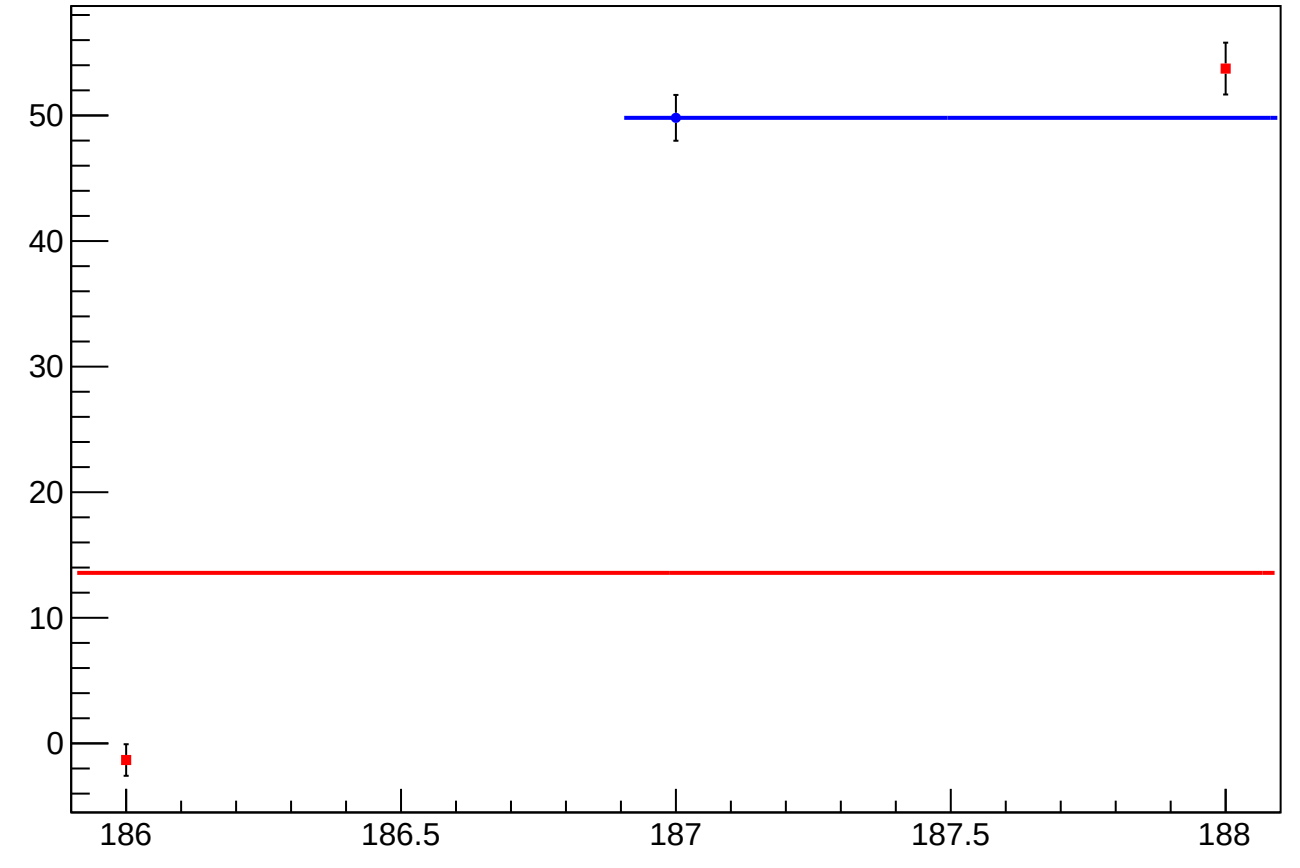
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.432+/-1.581 χ^2/NDF: 11.0/2

In: 12.393+/-3.576 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.432+/-1.581 χ^2/NDF: 11.0/2



Right In: 49.811+/-1.824 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.578+/-1.074 χ^2/NDF: 519.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

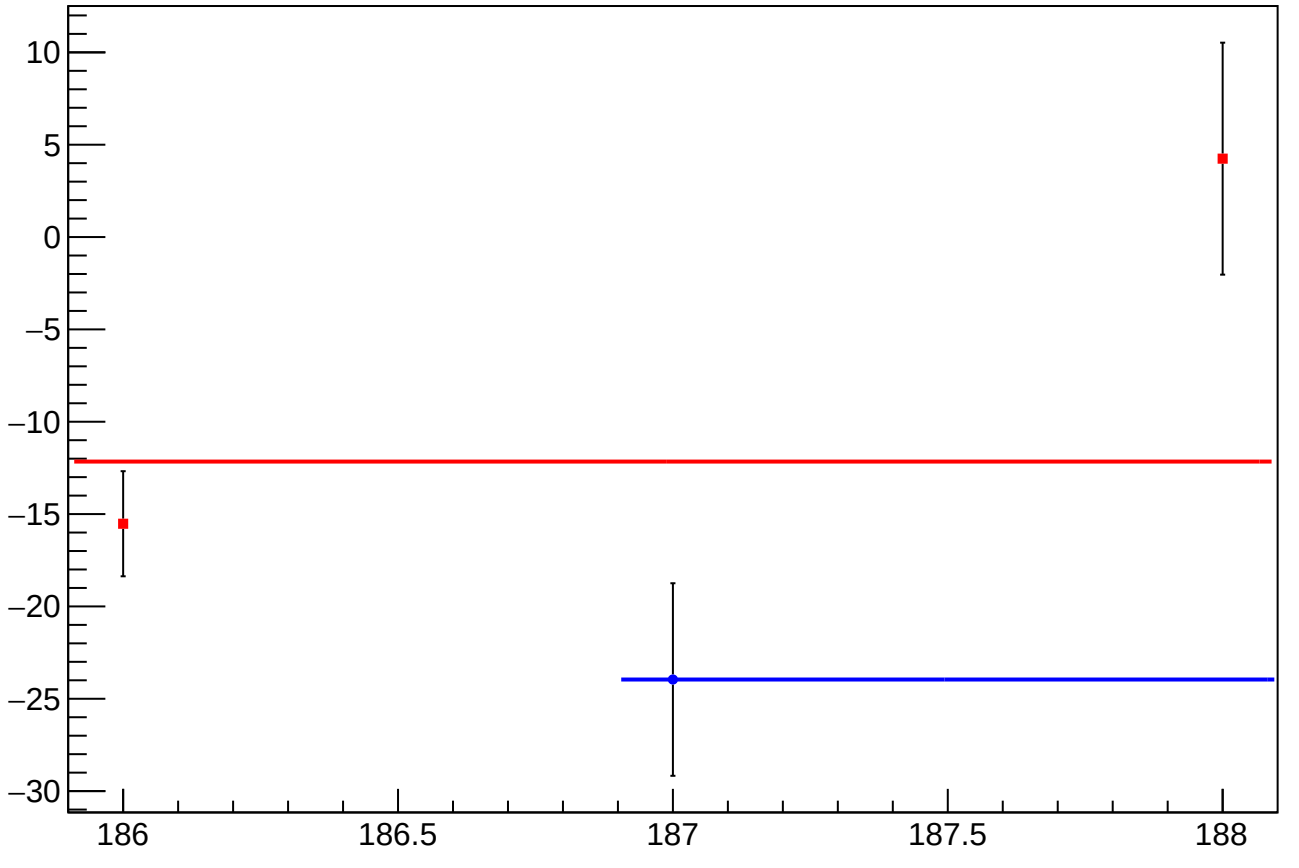
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 22.904+/-0.925 χ^2/NDF: 812.4/2

In: 49.811+/-1.824 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.904+/-0.925 χ^2/NDF: 812.4/2



Right In: -23.958+/-5.213 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.157+/-2.592 χ^2/NDF: 8.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

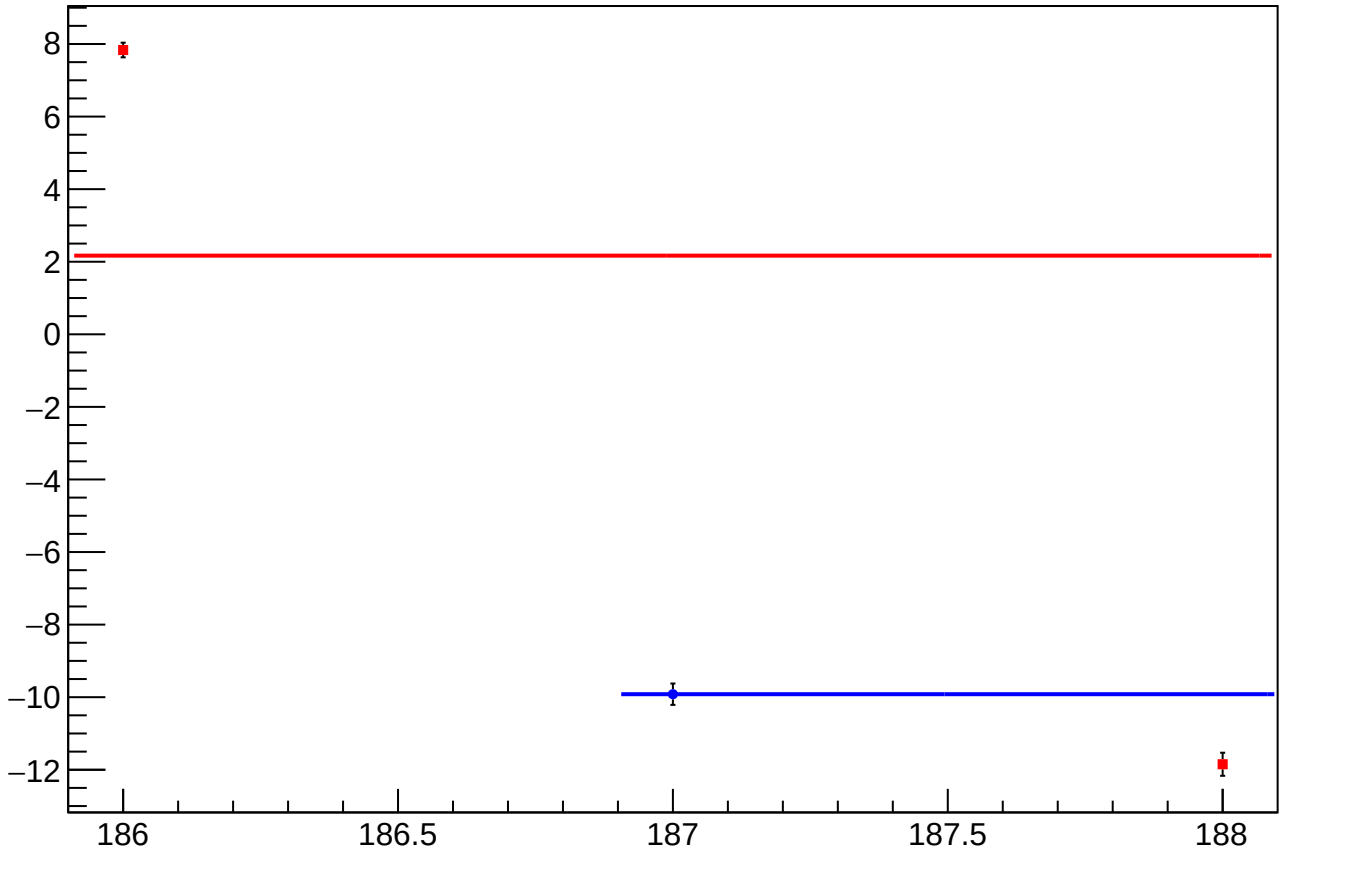
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.496+/-2.321 χ^2/NDF: 12.3/2

In: -23.958+/-5.213 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.496+/-2.321 χ^2/NDF: 12.3/2



Right In: -9.918+/-0.294 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.168+/-0.171 χ^2/NDF: 2725.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

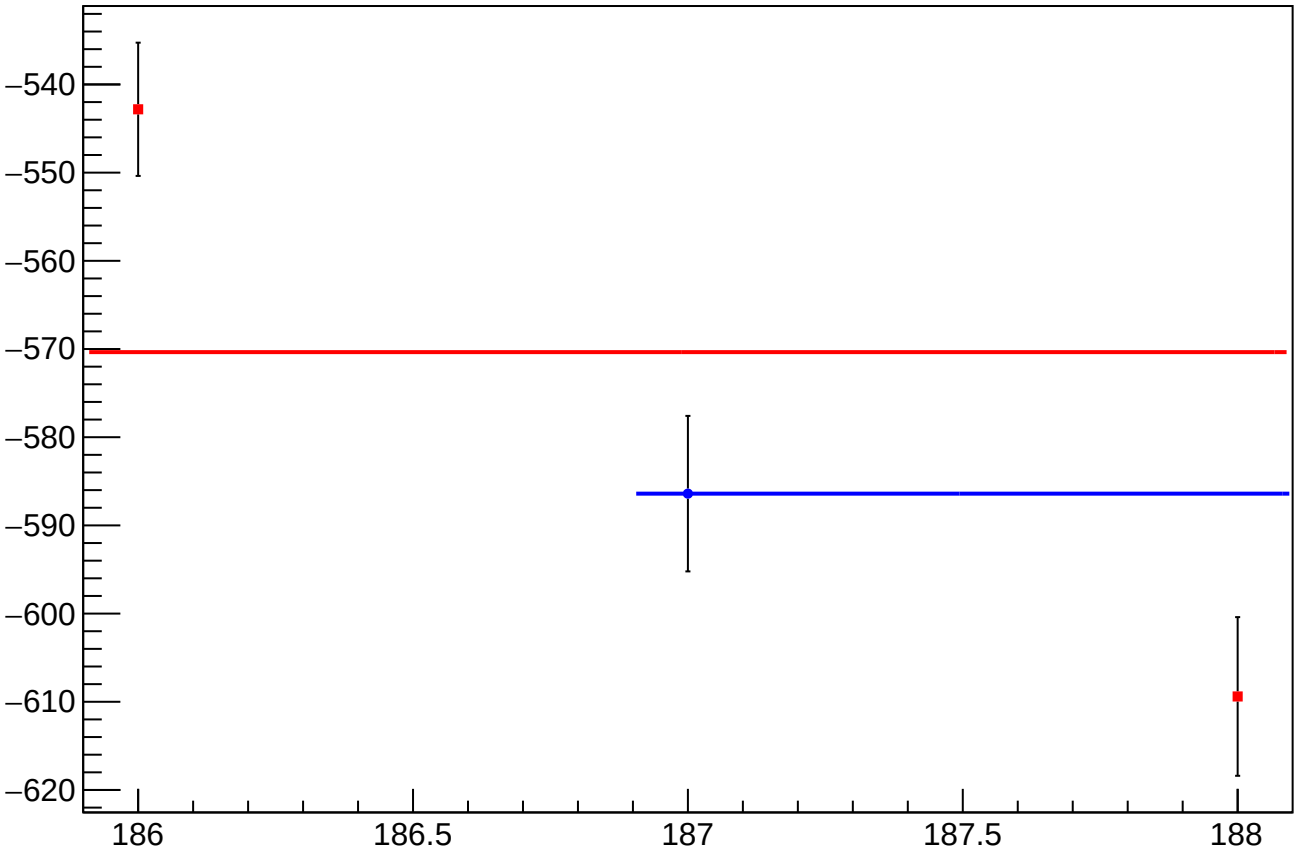
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.874+/-0.148 χ^2/NDF: 3987.8/2

In: -9.918+/-0.294 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.874+/-0.148 χ^2/NDF: 3987.8/2



Right In: -586.400+/-8.817 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -570.352+/-5.785 χ^2/NDF: 32.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

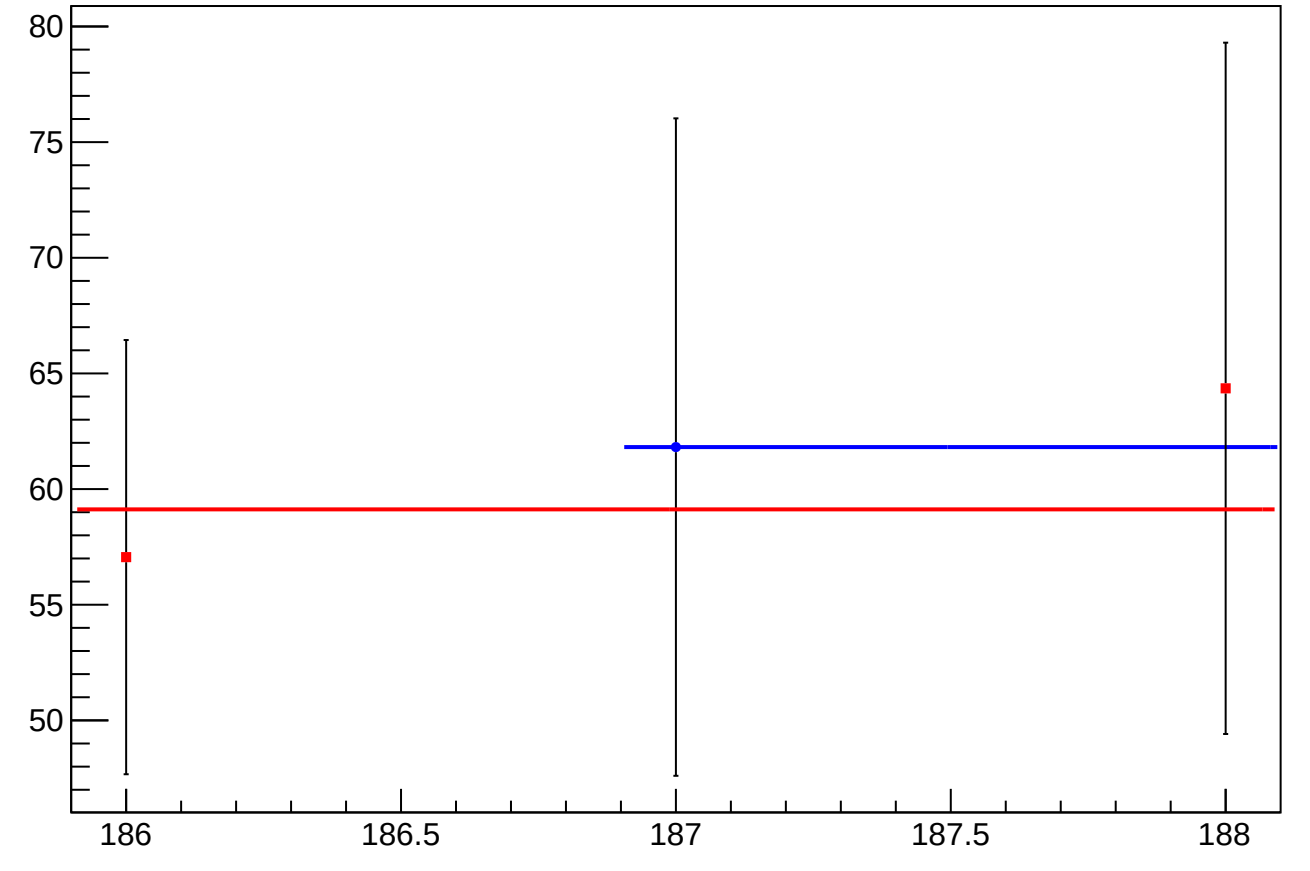
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -575.182+/-4.837 χ^2/NDF: 34.4/2

In: -586.400+/-8.817 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -575.182+/-4.837 χ^2/NDF: 34.4/2



Right In: 61.816+/-14.212 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 59.122+/-7.949 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

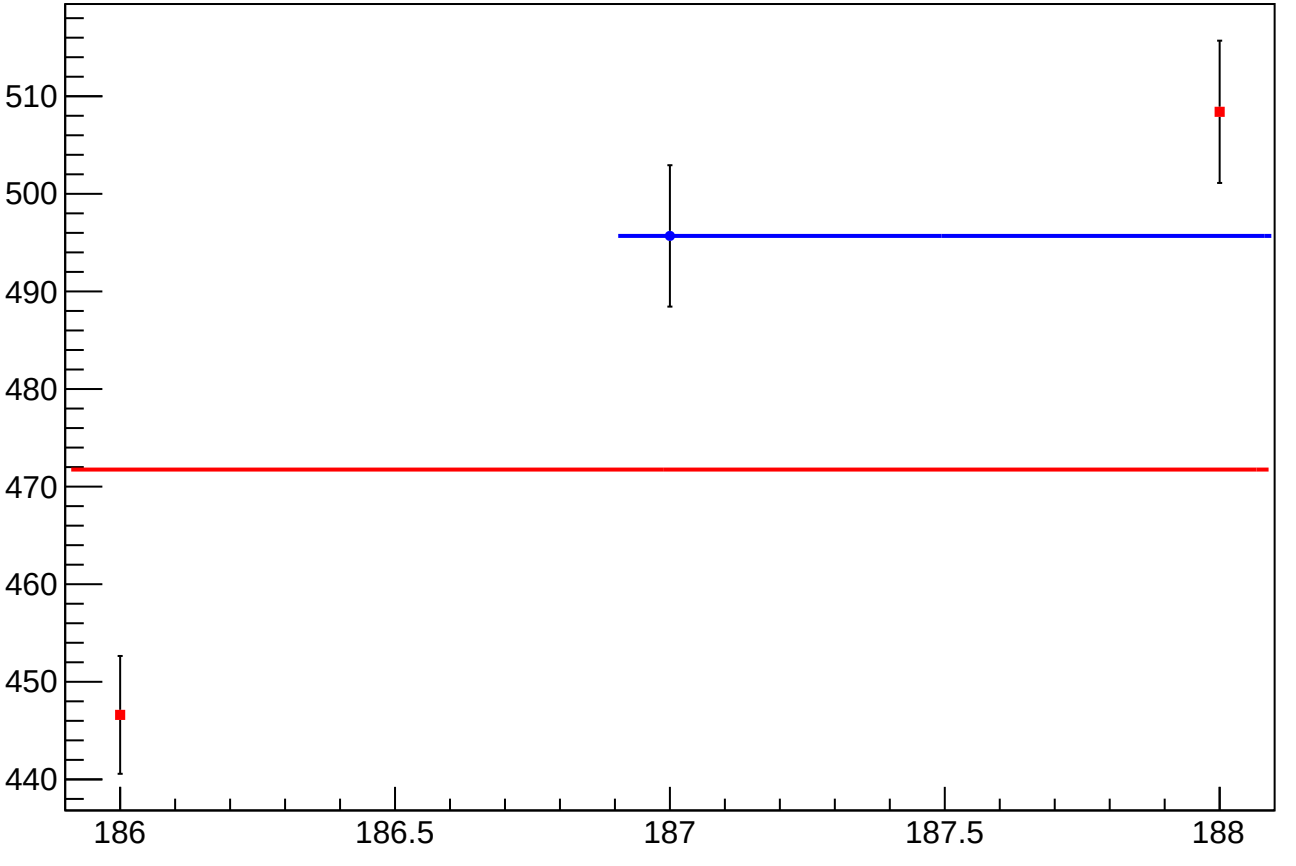
Right: 59.764+/-6.937 χ^2/NDF: 0.2/2

In: 61.816+/-14.212 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 59.764+/-6.937 χ^2/NDF: 0.2/2

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 495.689+/-7.245 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 471.747+/-4.649 χ^2/NDF: 42.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

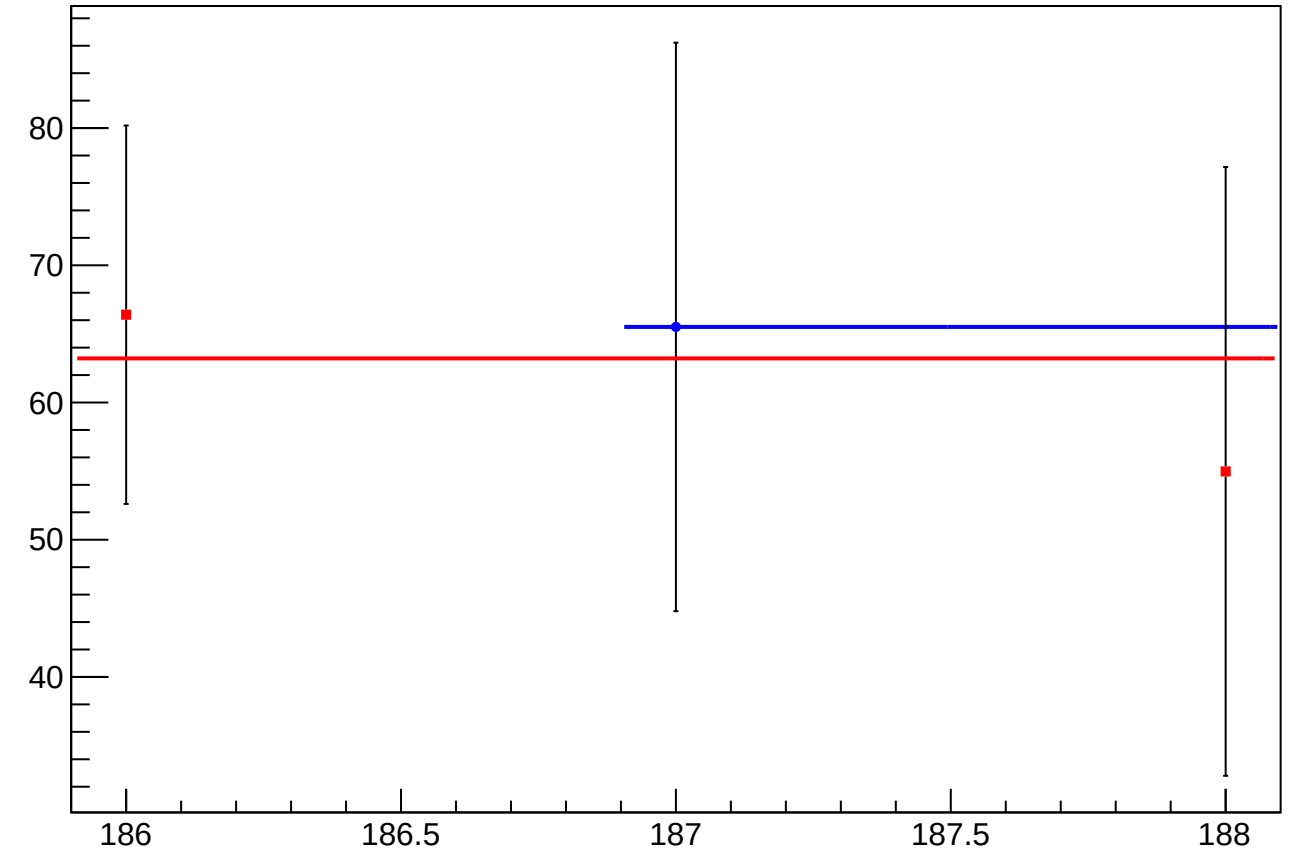
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 478.731+/-3.913 χ^2/NDF: 50.4/2

In: 495.689+/-7.245 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 478.731+/-3.913 χ^2/NDF: 50.4/2



Right In: 65.509+/-20.715 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 63.215+/-11.711 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

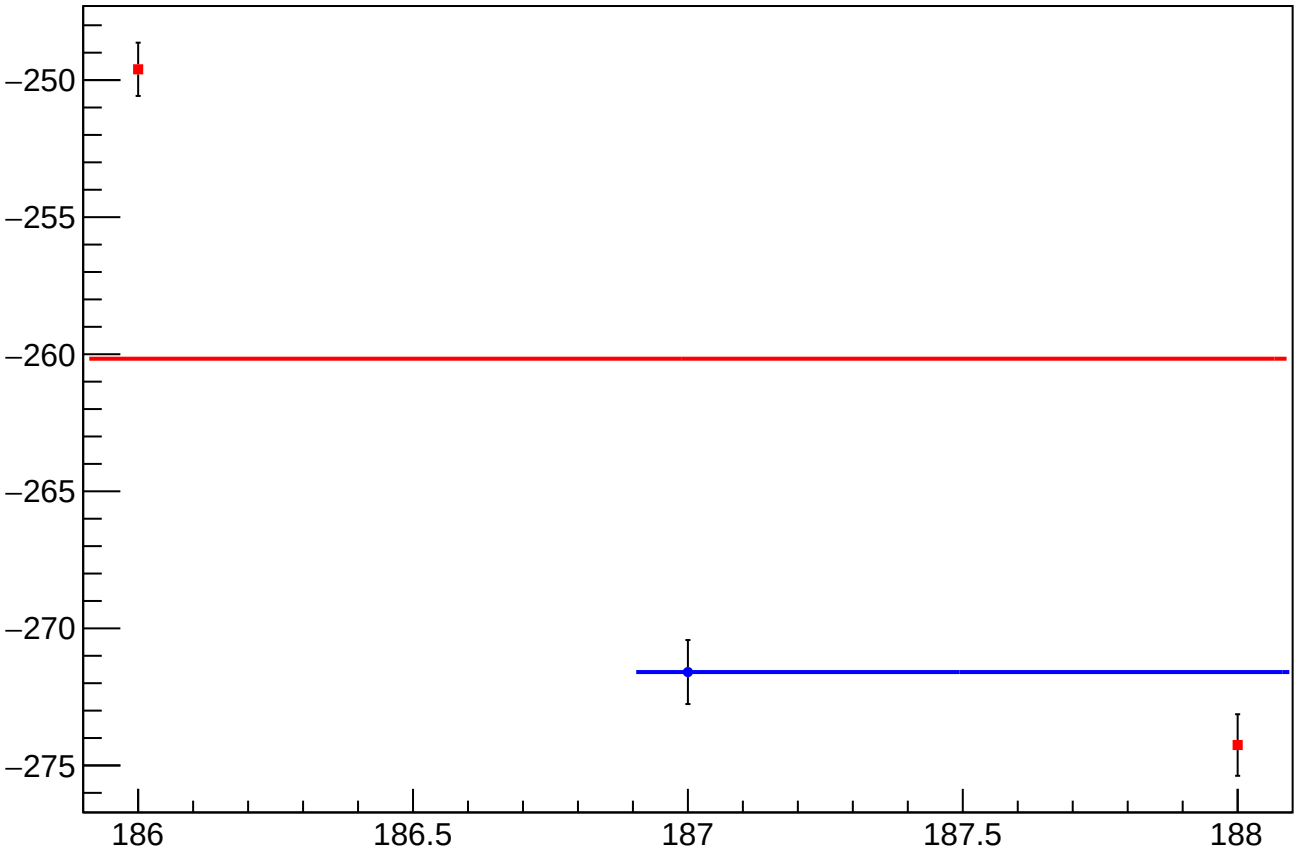
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 63.771+/-10.194 χ^2/NDF: 0.2/2

In: 65.509+/-20.715 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 63.771+/-10.194 χ^2/NDF: 0.2/2



Right In: -271.593+/-1.168 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -260.163+/-0.735 χ^2/NDF: 275.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

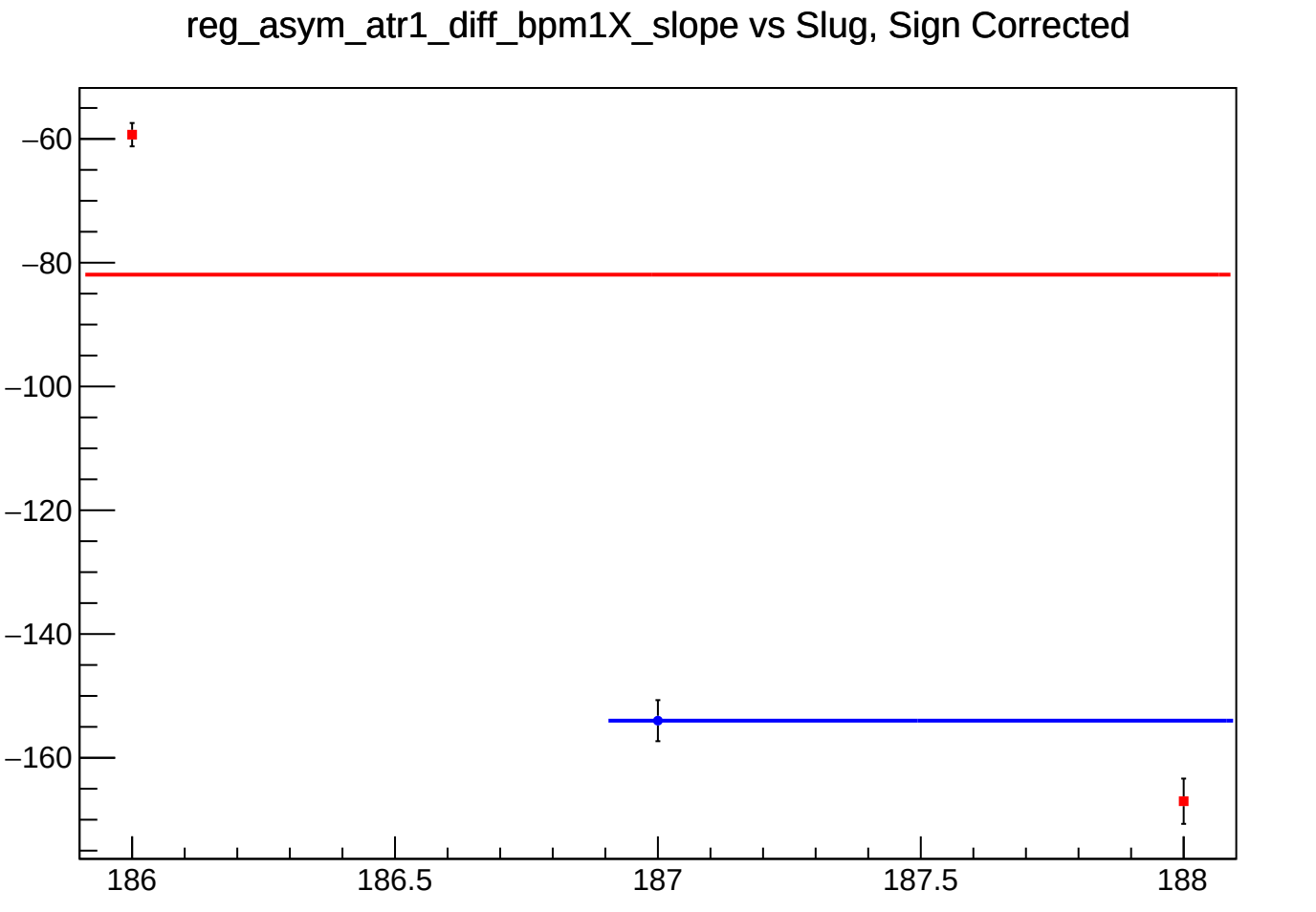
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -263.405+/-0.622 χ^2/NDF: 344.2/2

In: -271.593+/-1.168 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -263.405+/-0.622 χ^2/NDF: 344.2/2



Right In: -153.998+/-3.318 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -81.931+/-1.676 χ^2/NDF: 684.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

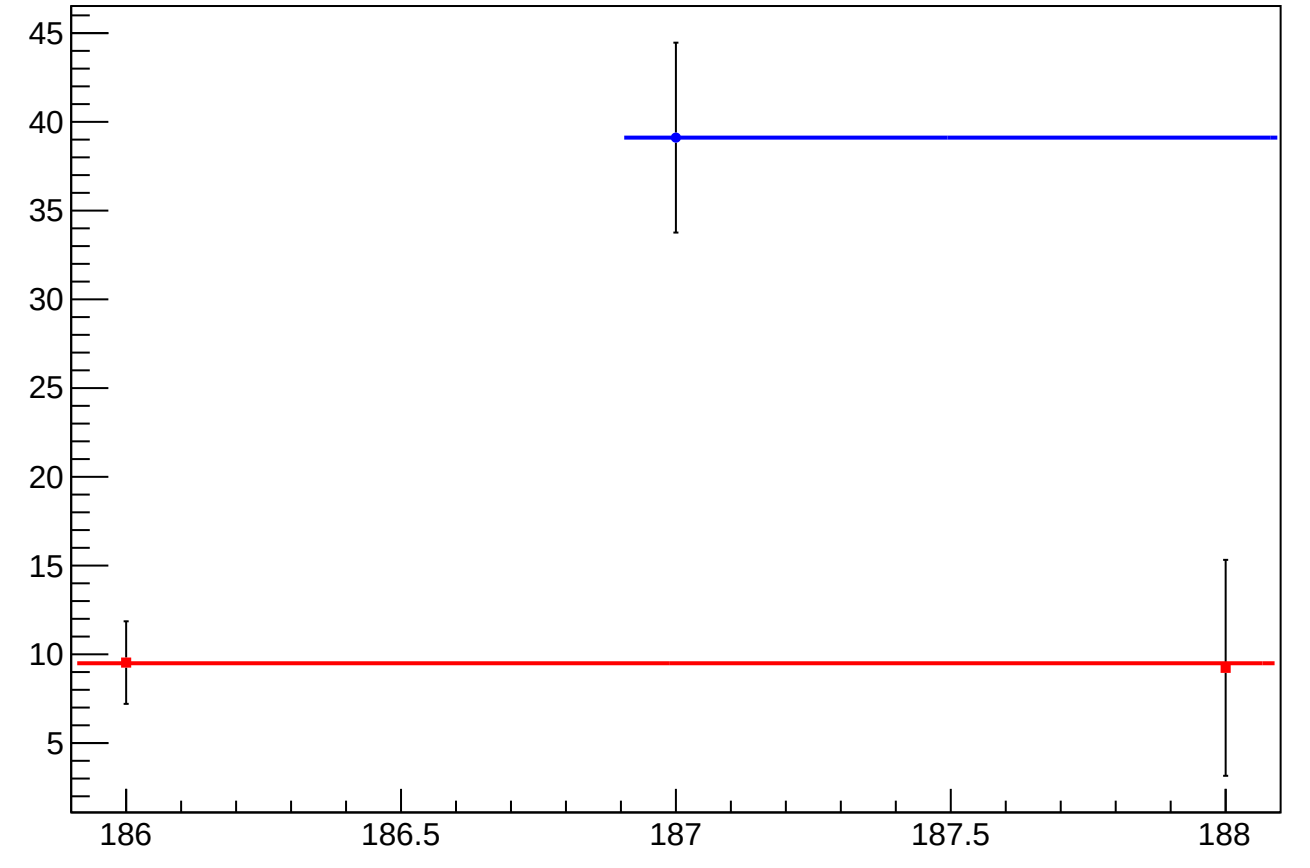
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -96.584+/-1.496 χ^2/NDF: 1060.7/2

In: -153.998+/-3.318 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -96.584+/-1.496 χ^2/NDF: 1060.7/2



Right In: 39.112+/-5.350 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.496+/-2.173 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

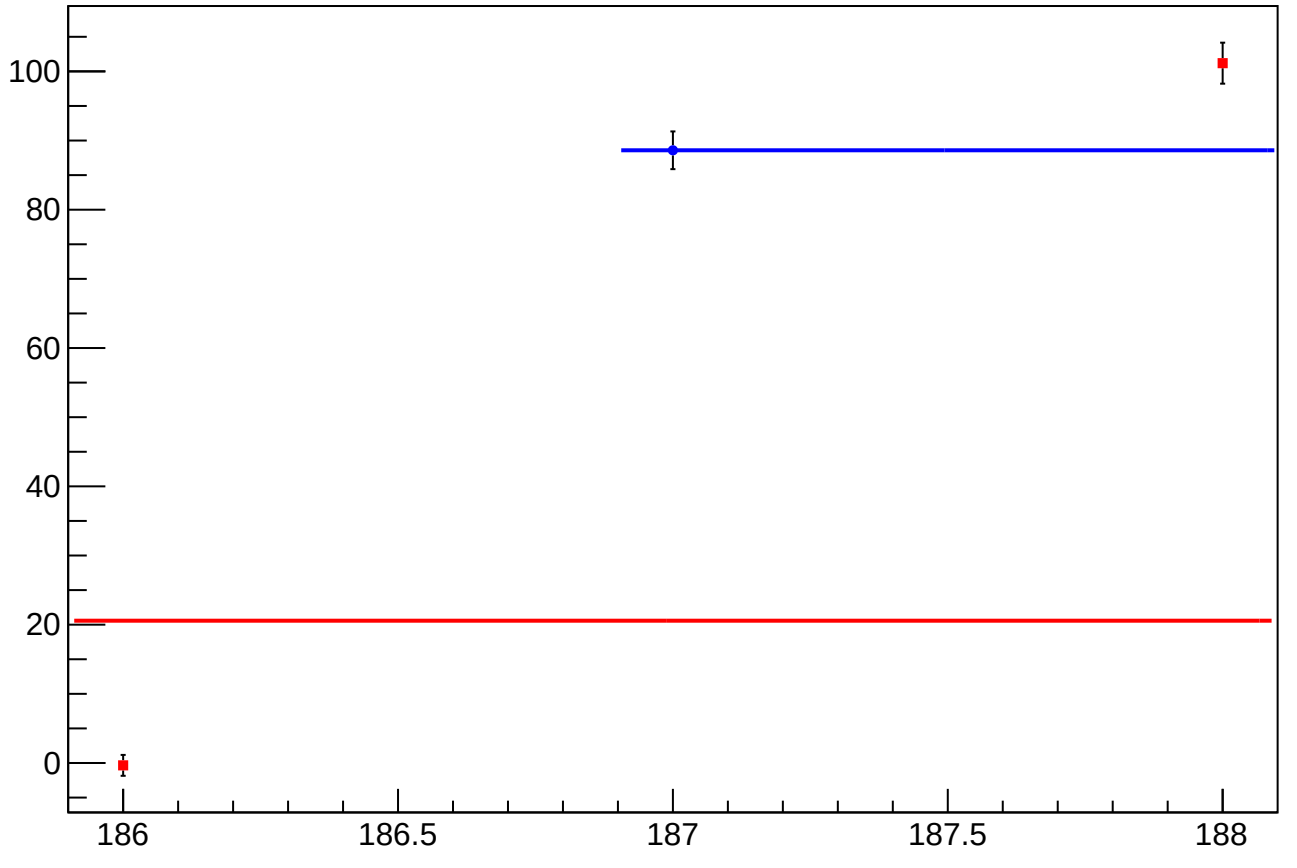
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 13.690+/-2.013 χ^2/NDF: 26.3/2

In: 39.112+/-5.350 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.690+/-2.013 χ^2/NDF: 26.3/2



Right In: 88.591+/-2.726 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.575+/-1.345 χ^2/NDF: 931.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

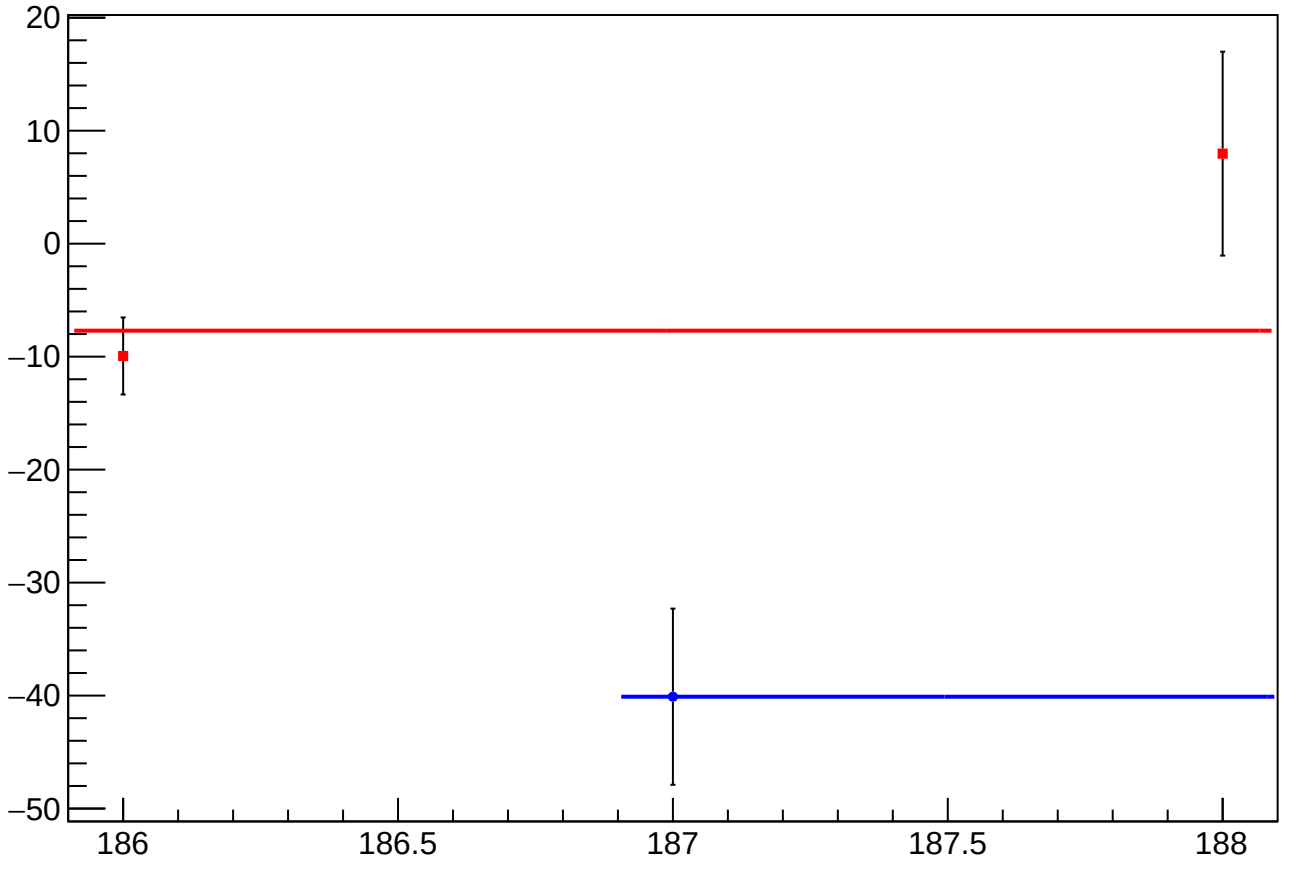
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 33.895+/-1.207 χ^2/NDF: 1431.9/2

In: 88.591+/-2.726 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 33.895+/-1.207 χ^2/NDF: 1431.9/2



Right In: -40.099+/-7.797 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.702+/-3.191 χ^2/NDF: 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

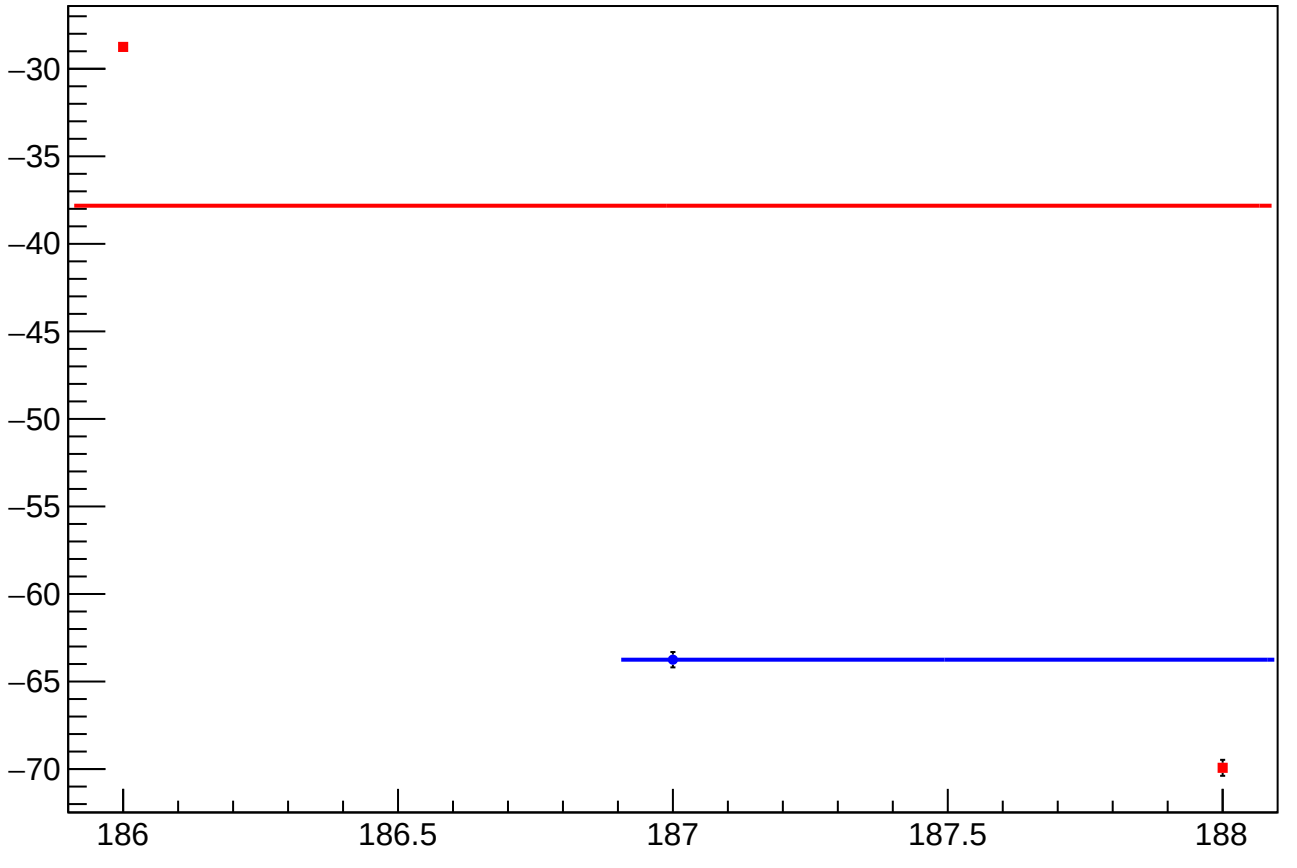
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -12.349+/-2.953 χ^2/NDF: 18.2/2

In: -40.099+/-7.797 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.349+/-2.953 χ^2/NDF: 18.2/2



Right In: -63.753+/-0.439 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -37.821+/-0.214 χ^2/NDF: 6356.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

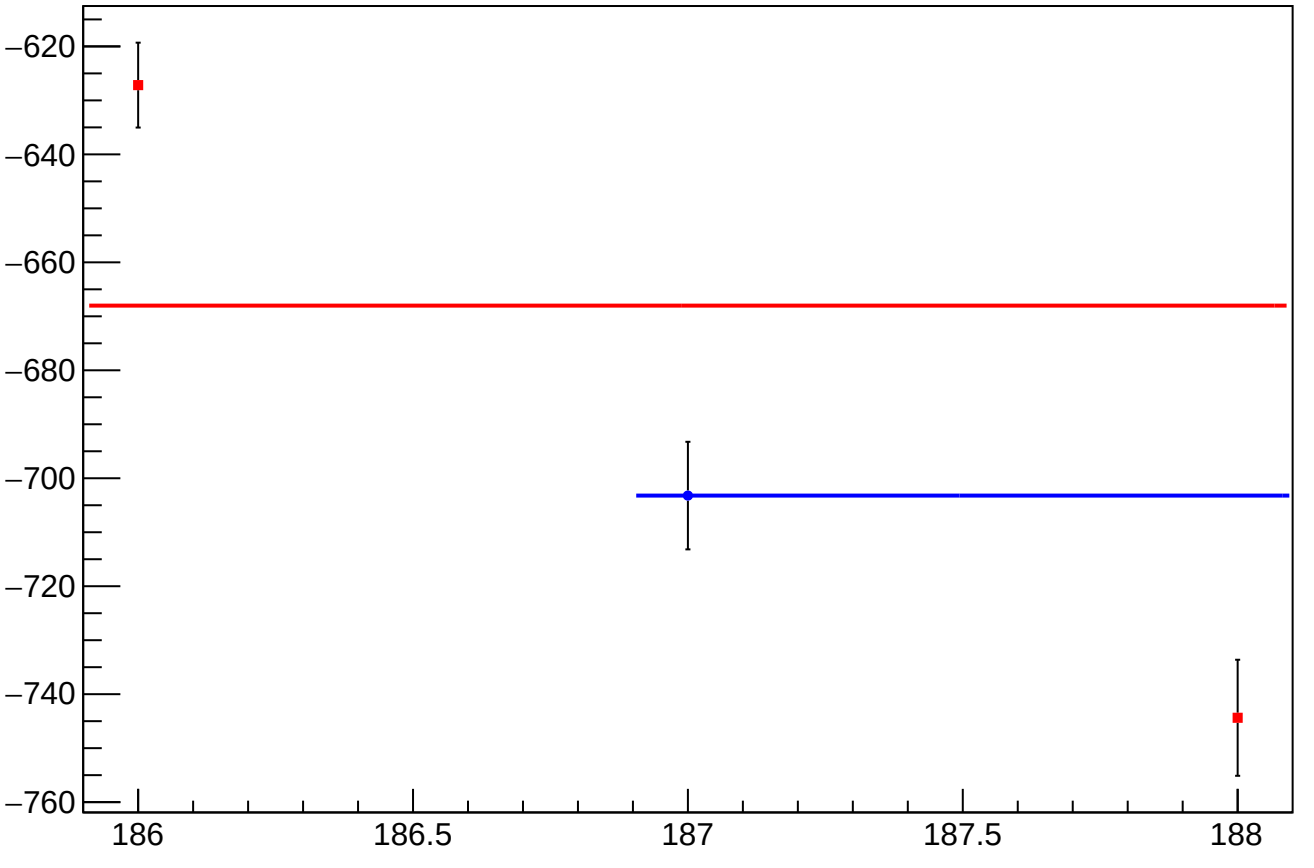
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -42.801+/-0.192 χ^2/NDF: 9174.6/2

In: -63.753+/-0.439 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -42.801+/-0.192 χ^2/NDF: 9174.6/2



Right In: -703.210+/-9.965 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -668.018+/-6.346 χ^2/NDF: 77.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

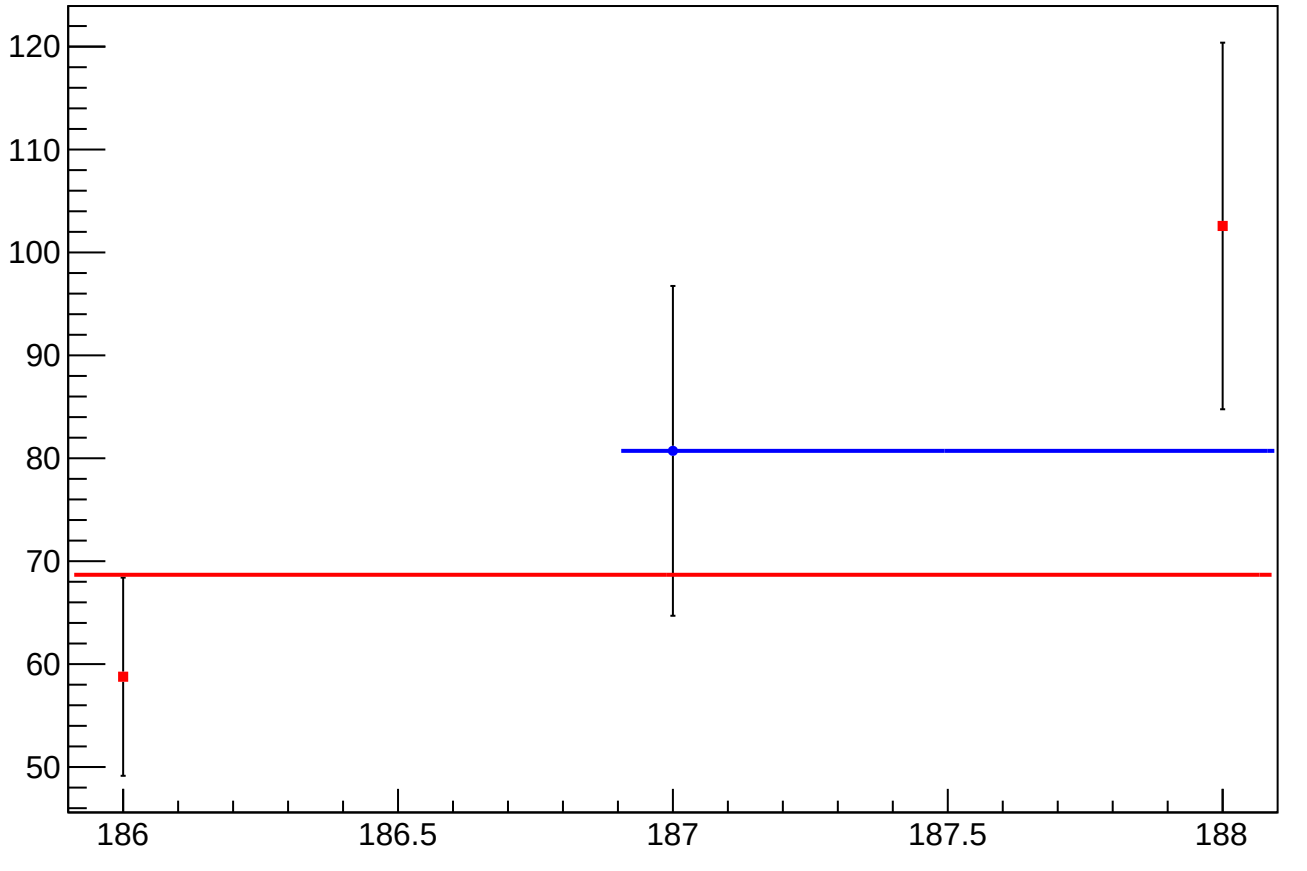
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -678.173+/-5.353 χ^2/NDF: 86.3/2

In: -703.210+/-9.965 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -678.173+/-5.353 χ^2/NDF: 86.3/2



Right In: 80.720+/-16.024 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 68.679+/-8.470 χ^2/NDF: 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

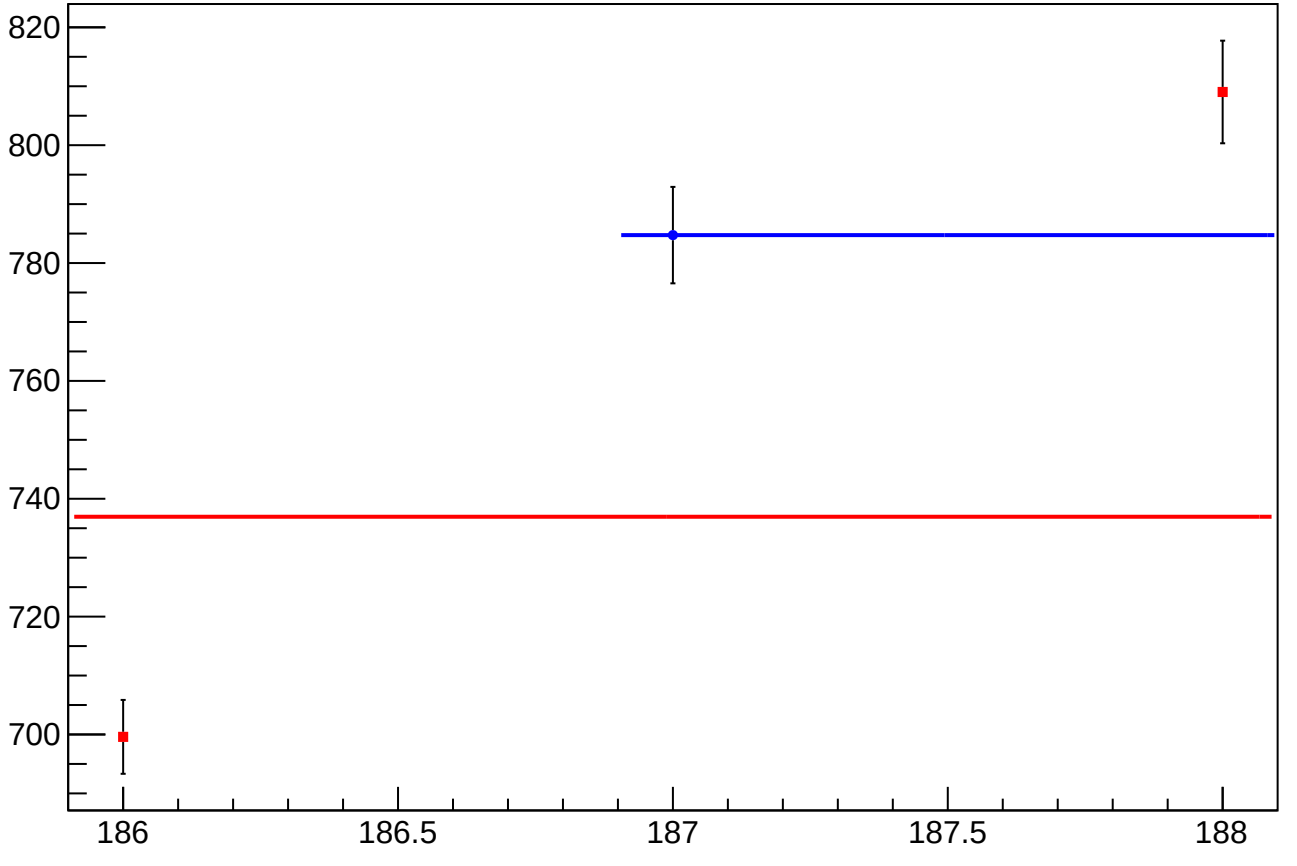
Right: 71.309+/-7.488 χ^2/NDF: 5.1/2

In: 80.720+/-16.024 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 71.309+/-7.488 χ^2/NDF: 5.1/2

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 784.740+/-8.184 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 736.948+/-5.087 χ^2/NDF: 104.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

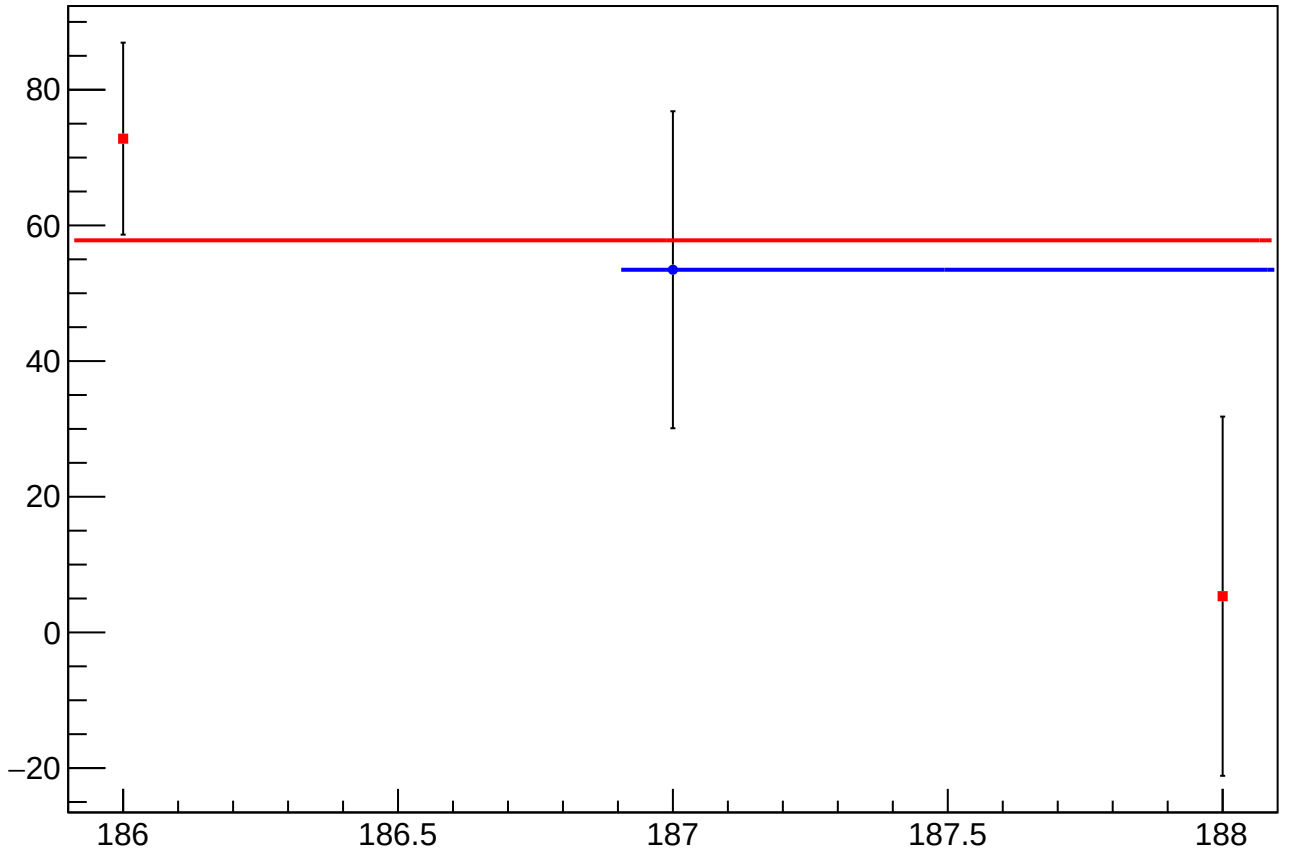
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 750.267+/-4.320 χ^2/NDF: 128.7/2

In: 784.740+/-8.184 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 750.267+/-4.320 χ^2/NDF: 128.7/2



Right In: 53.463+/-23.366 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 57.802+/-12.481 χ^2/NDF: 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

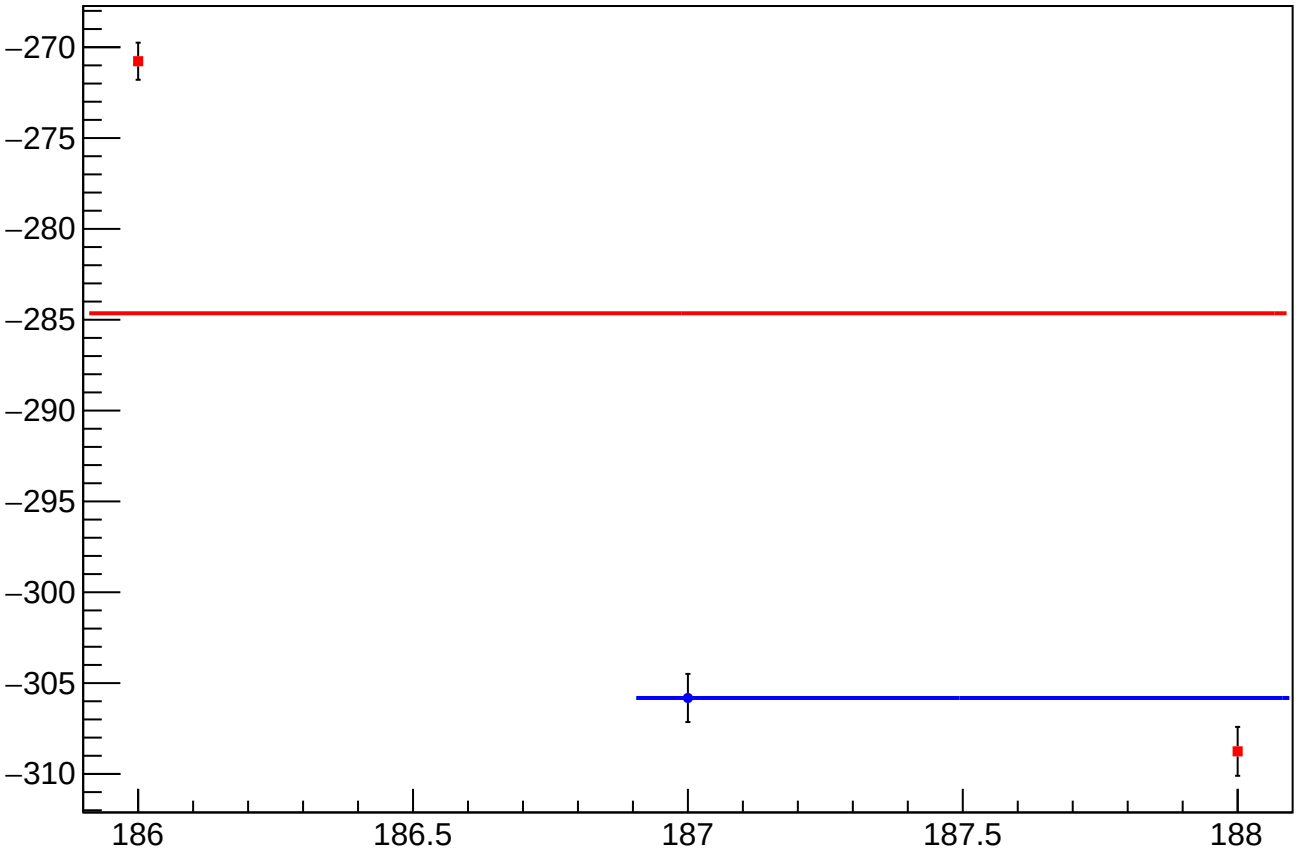
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 56.839+/-11.009 χ^2/NDF: 5.1/2

In: 53.463+/-23.366 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 56.839+/-11.009 χ^2/NDF: 5.1/2



Right In: -305.819+/-1.325 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -284.645+/-0.813 χ^2/NDF: 505.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

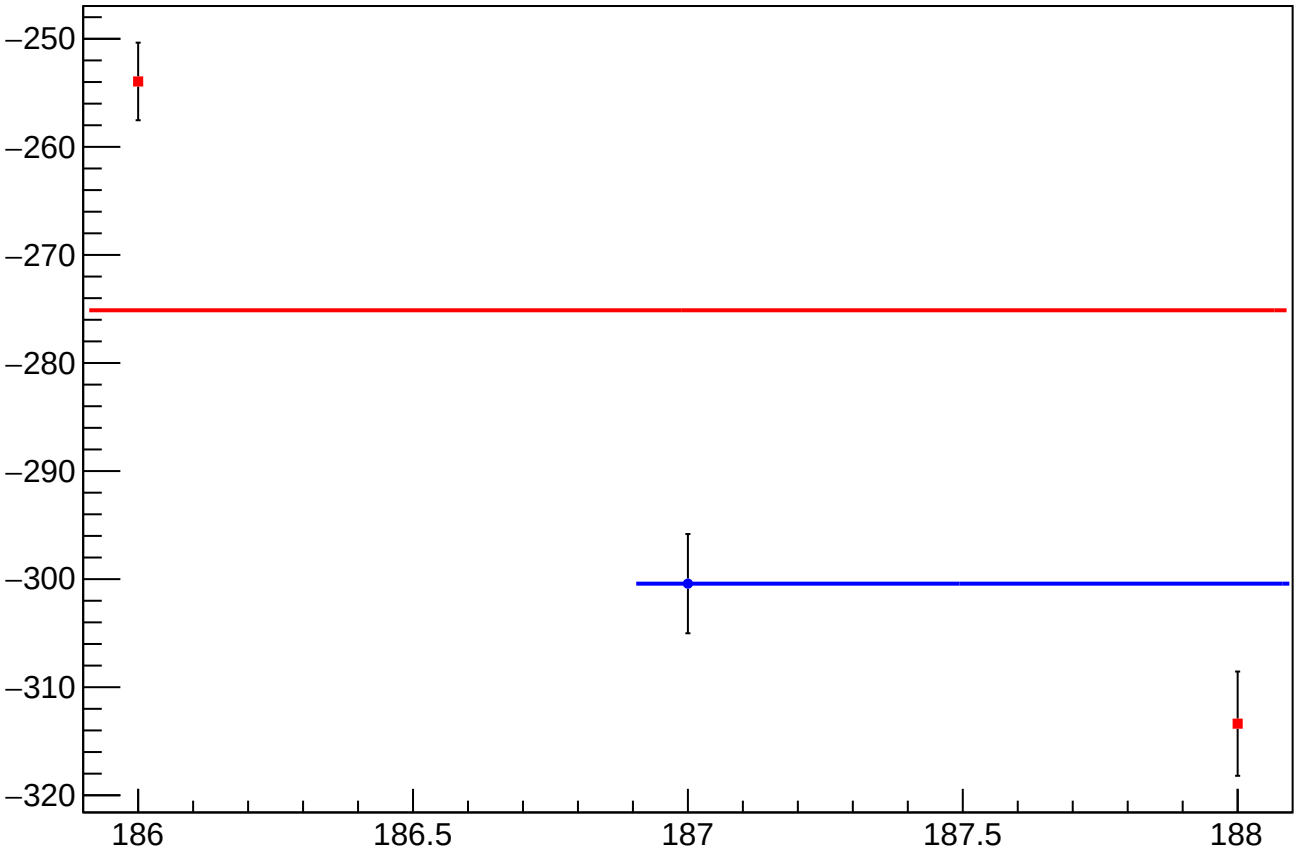
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -290.439+/-0.693 χ^2/NDF: 691.0/2

In: -305.819+/-1.325 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -290.439+/-0.693 χ^2/NDF: 691.0/2



Right In: -300.418+/-4.592 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -275.122+/-2.880 χ^2/NDF: 97.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

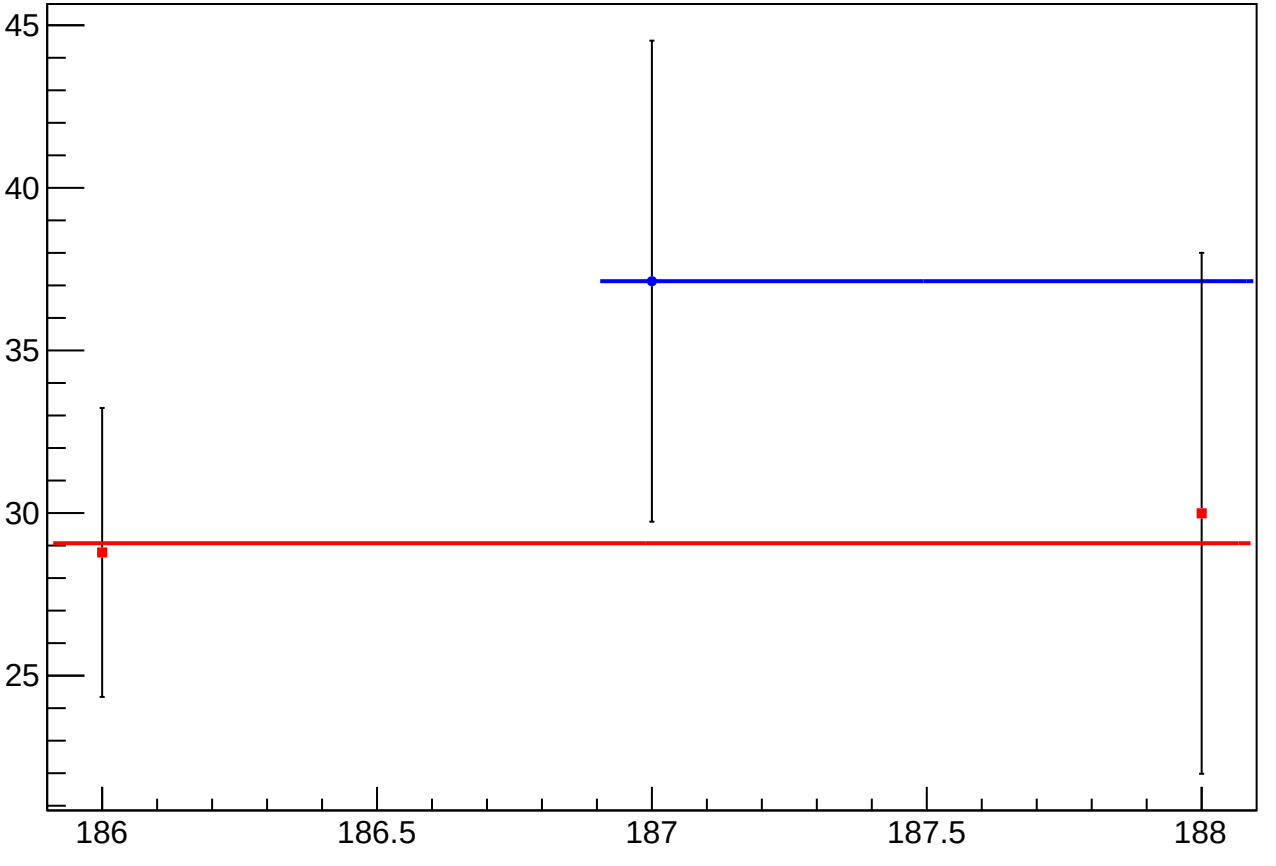
Right: -282.263+/-2.440 χ^2/NDF: 119.5/2

In: -300.418+/-4.592 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -282.263+/-2.440 χ^2/NDF: 119.5/2

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.130+/-7.396 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.072+/-3.885 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

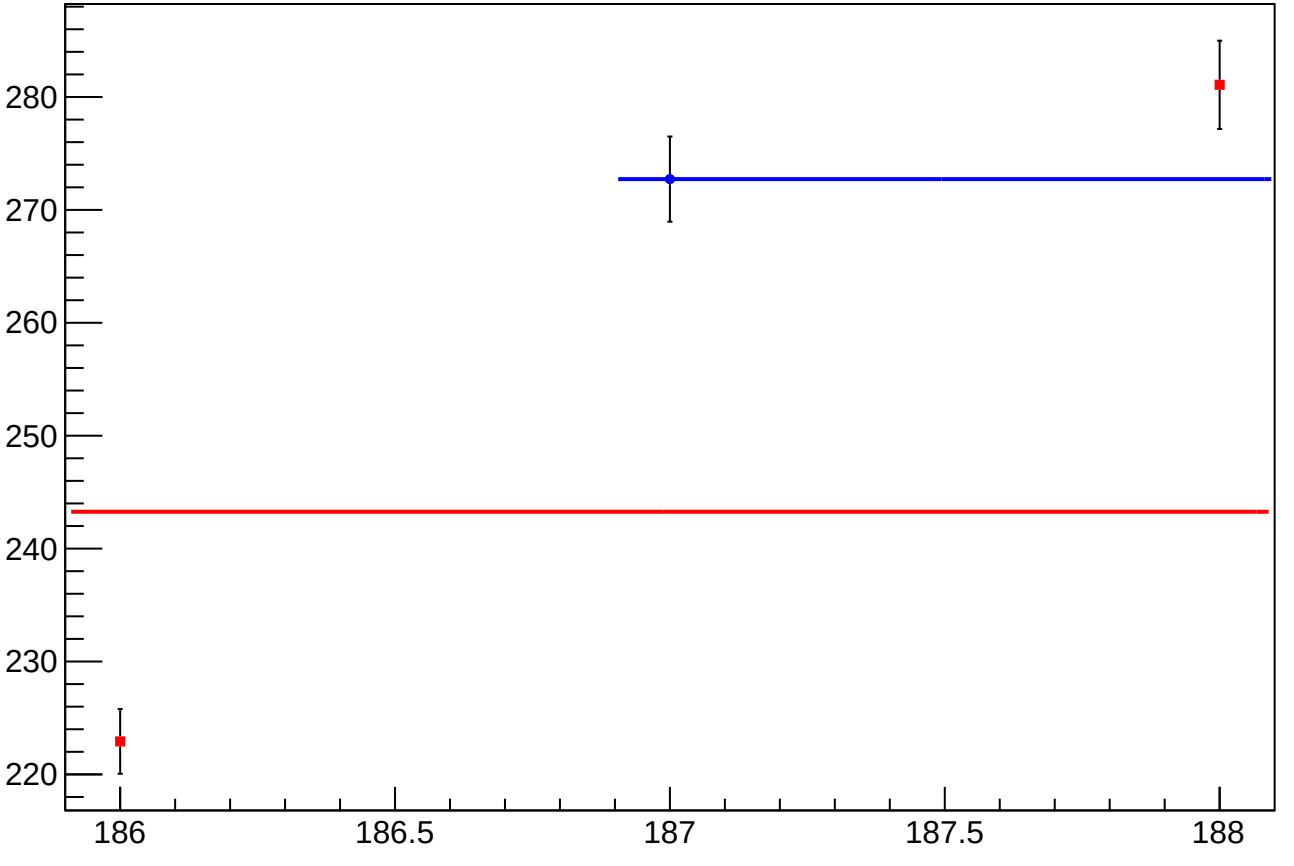
Right: 30.815+/-3.440 χ^2/NDF: 0.9/2

In: 37.130+/-7.396 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 30.815+/-3.440 χ^2/NDF: 0.9/2

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 272.727+/-3.772 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 243.264+/-2.312 χ^2/NDF: 144.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

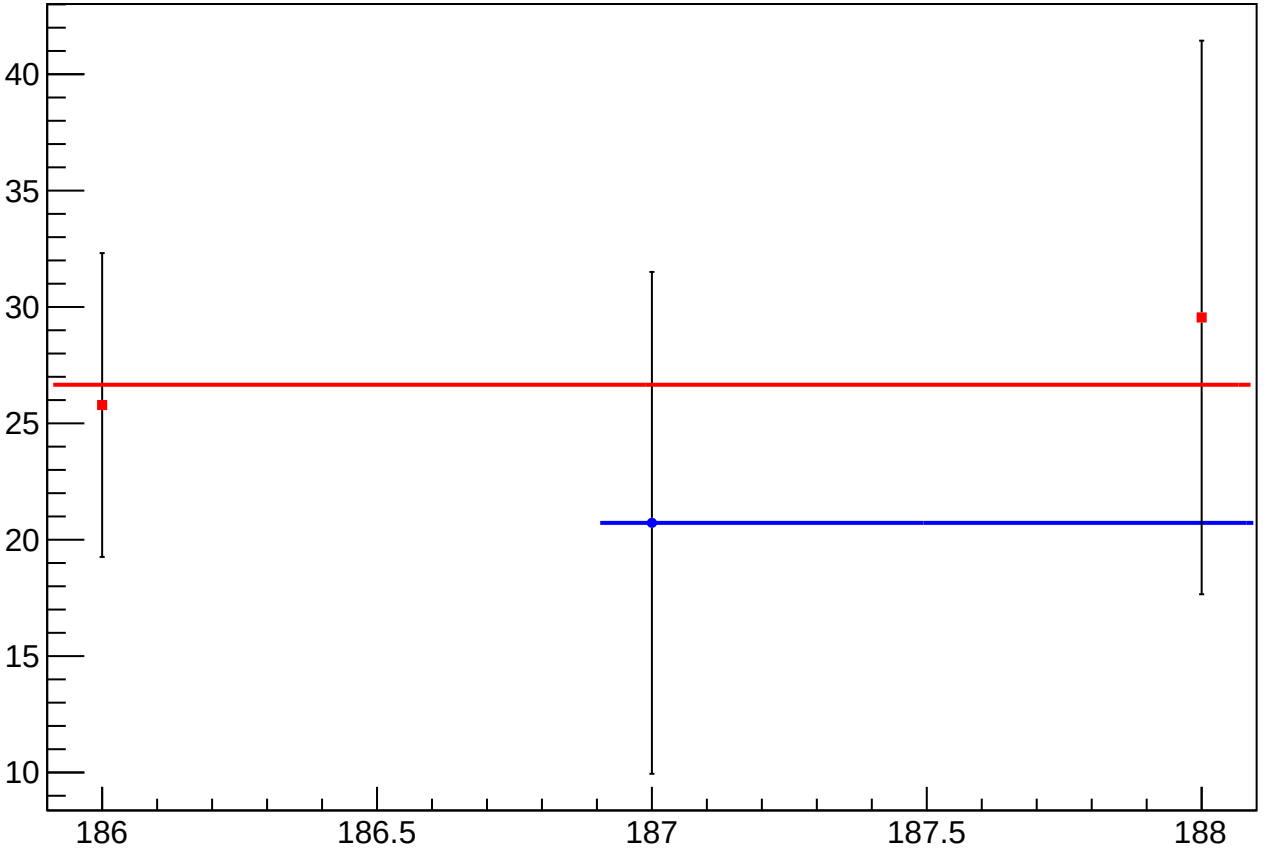
Right: 251.307+/-1.971 χ^2/NDF: 188.3/2

In: 272.727+/-3.772 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 251.307+/-1.971 χ^2/NDF: 188.3/2

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.725+/-10.781 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 26.659+/-5.722 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

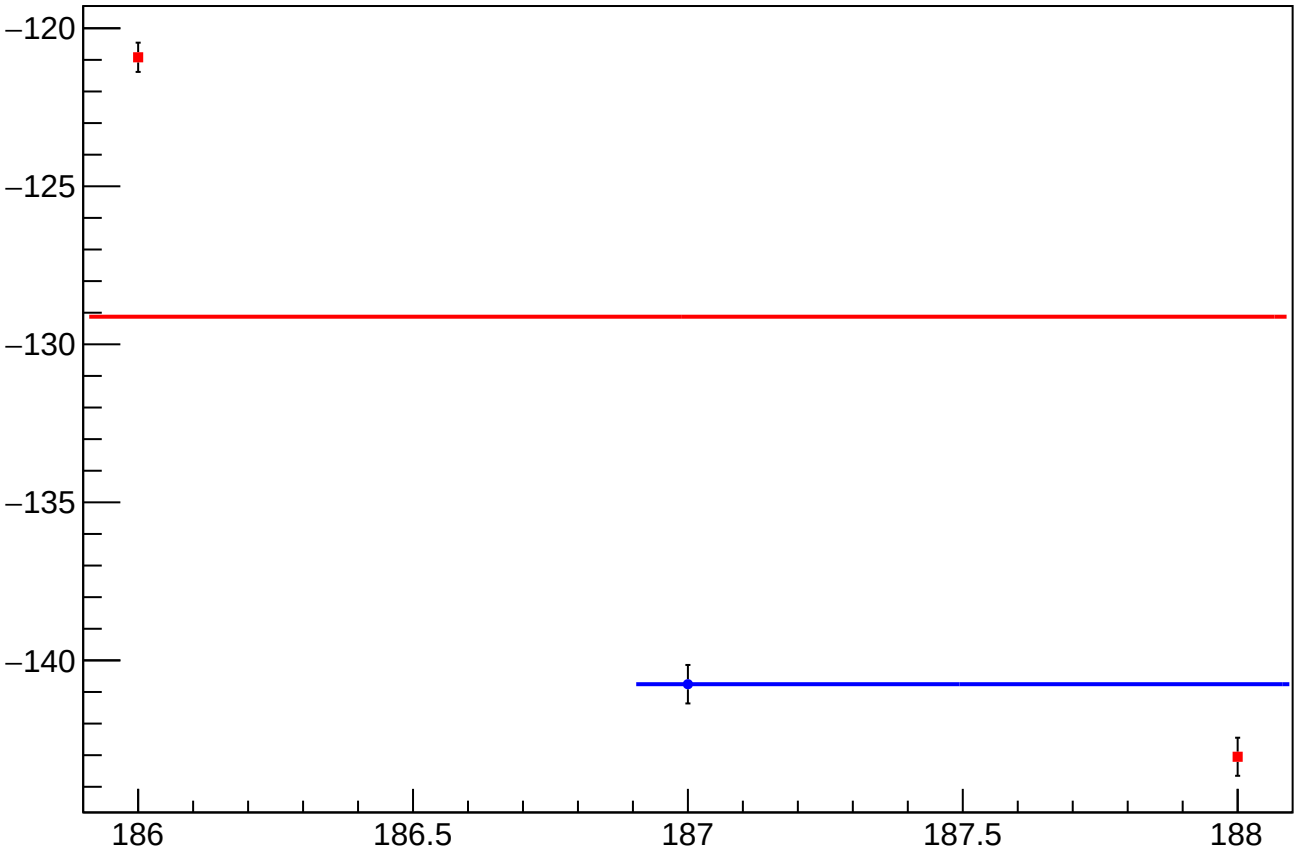
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 25.355+/-5.054 χ^2/NDF: 0.3/2

In: 20.725+/-10.781 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.355+/-5.054 χ^2/NDF: 0.3/2



Right In: -140.754+/-0.609 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -129.126+/-0.367 χ^2/NDF: 848.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

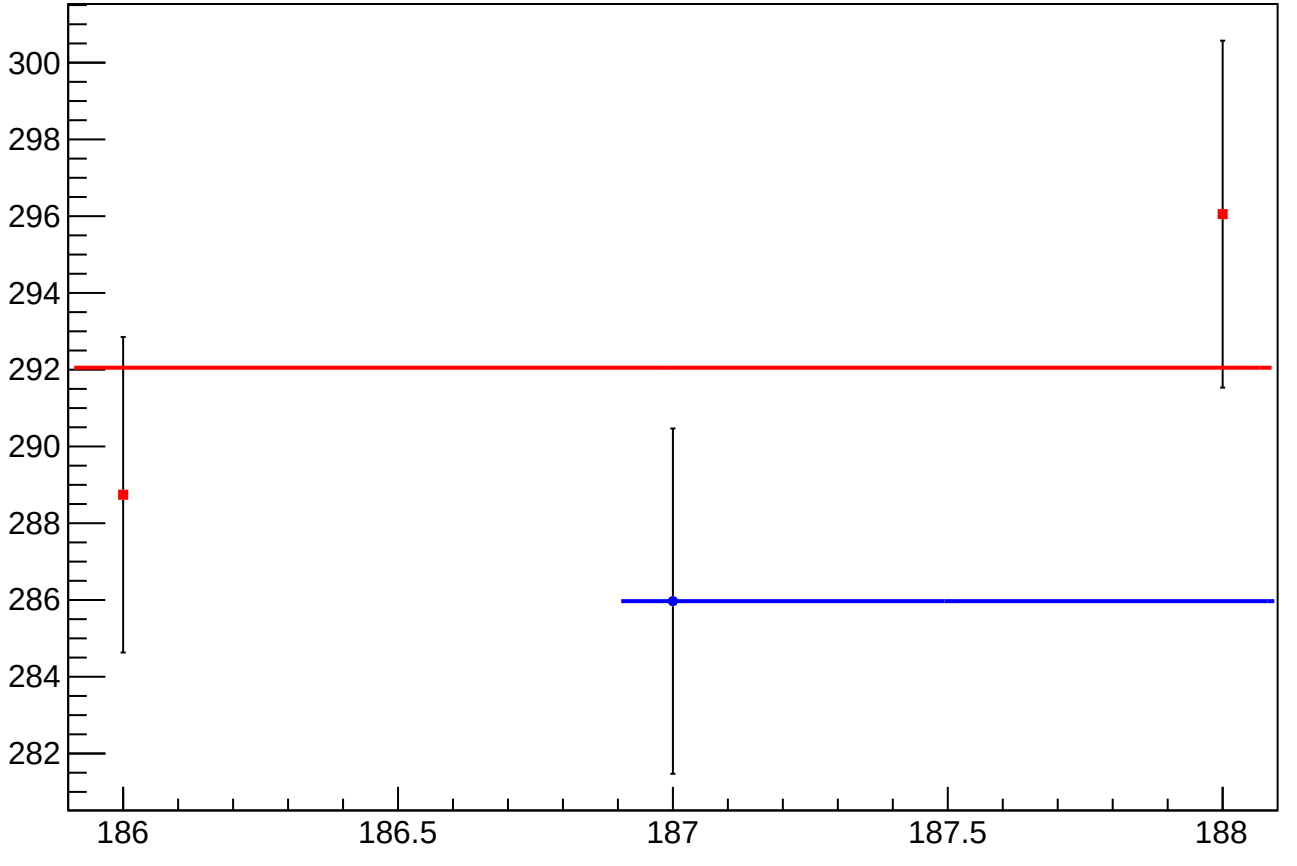
Right: -132.225+/-0.314 χ^2/NDF: 1116.5/2

In: -140.754+/-0.609 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -132.225+/-0.314 χ^2/NDF: 1116.5/2

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 285.970+/-4.498 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 292.052+/-3.041 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

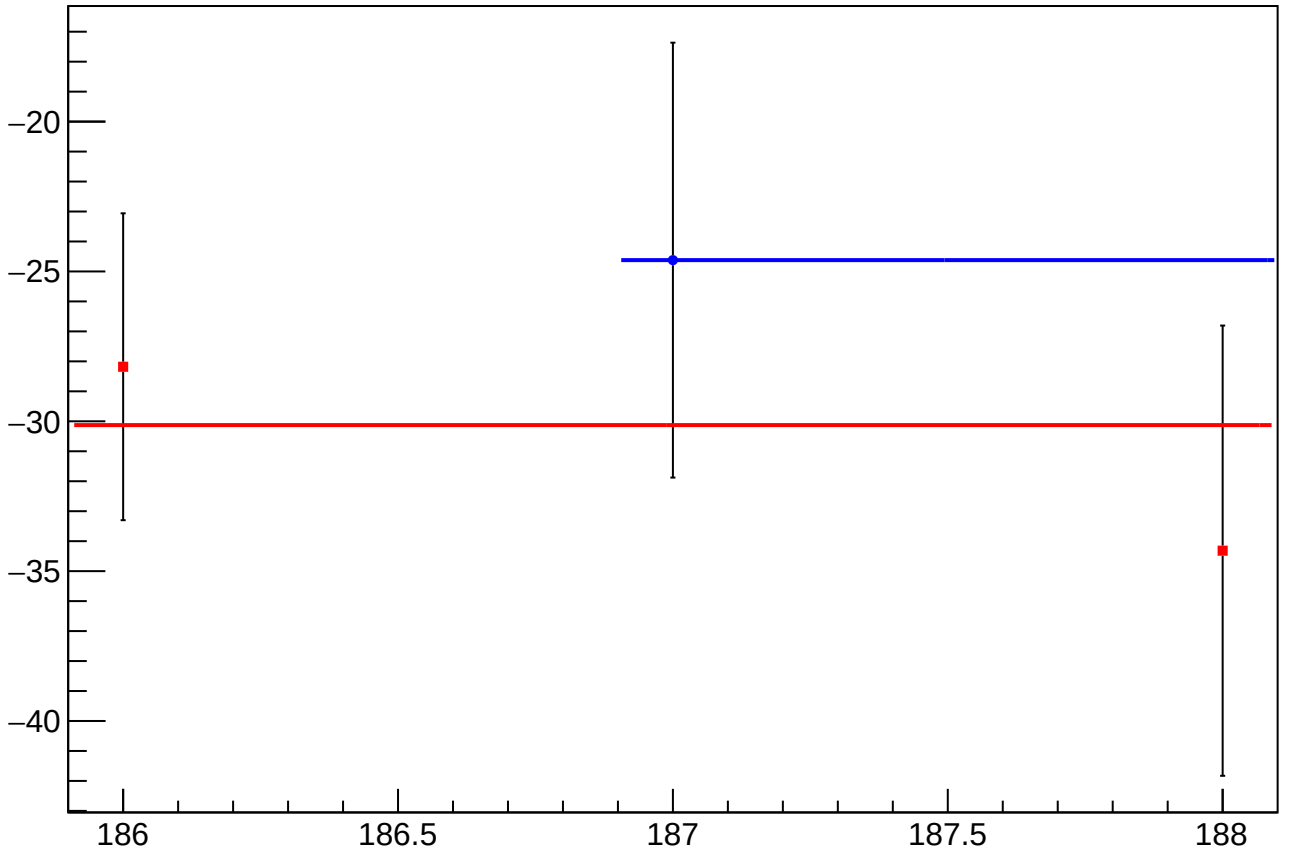
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 290.144+/-2.519 χ^2/NDF: 2.7/2

In: 285.970+/-4.498 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 290.144+/-2.519 χ^2/NDF: 2.7/2



Right In: -24.622+/-7.256 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -30.127+/-4.231 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

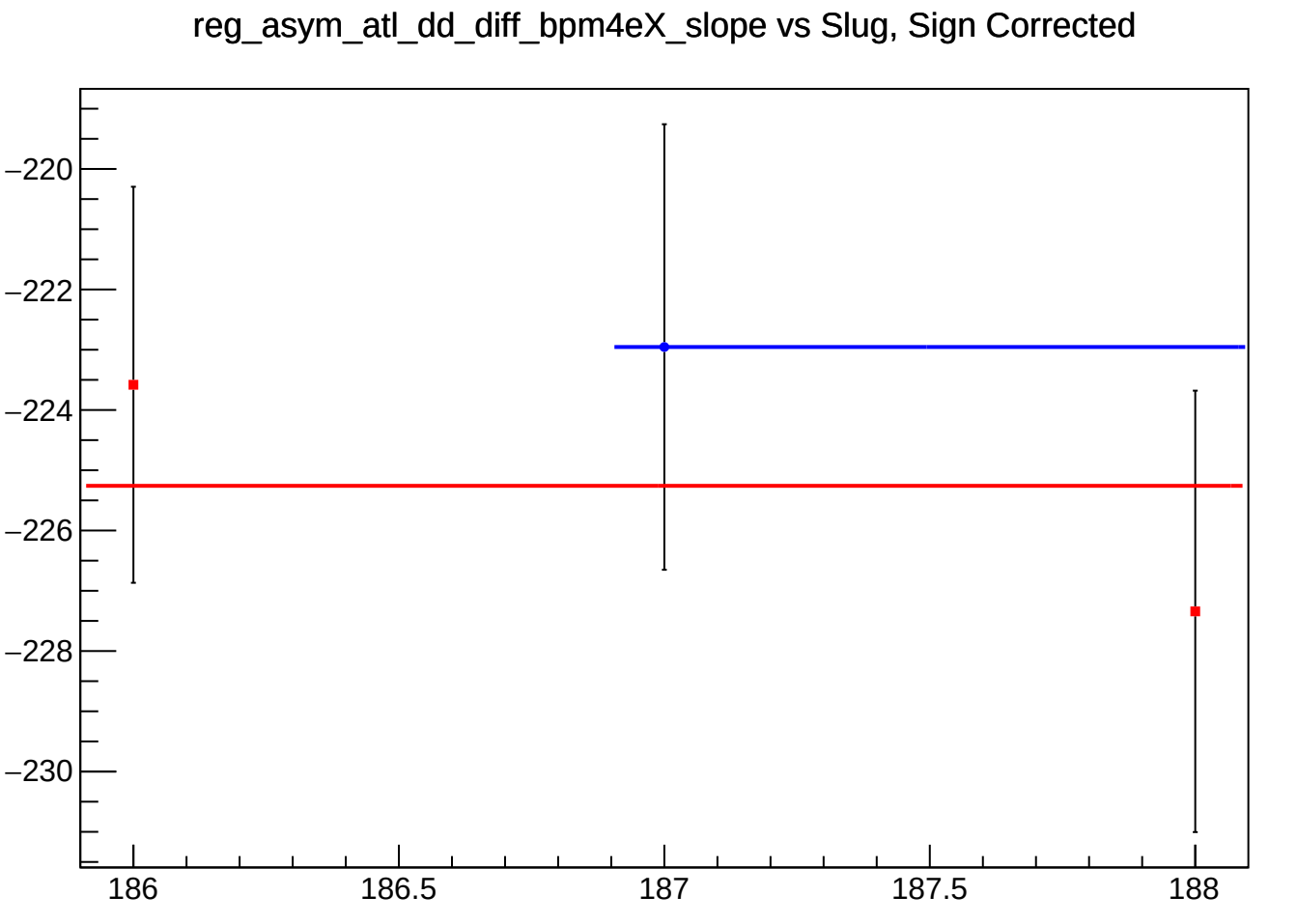
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

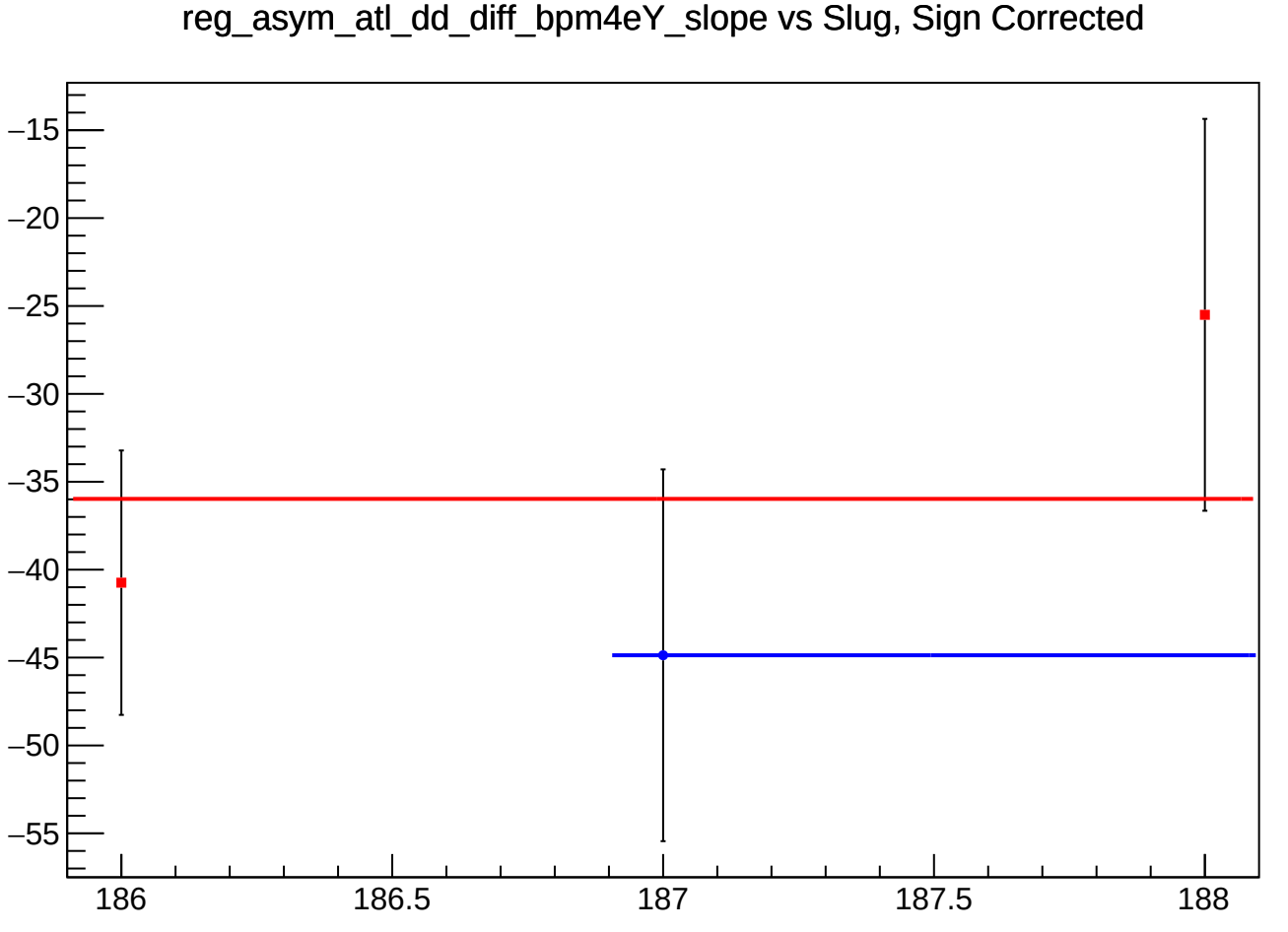
Right: -28.730+/-3.655 χ^2/NDF: 0.9/2

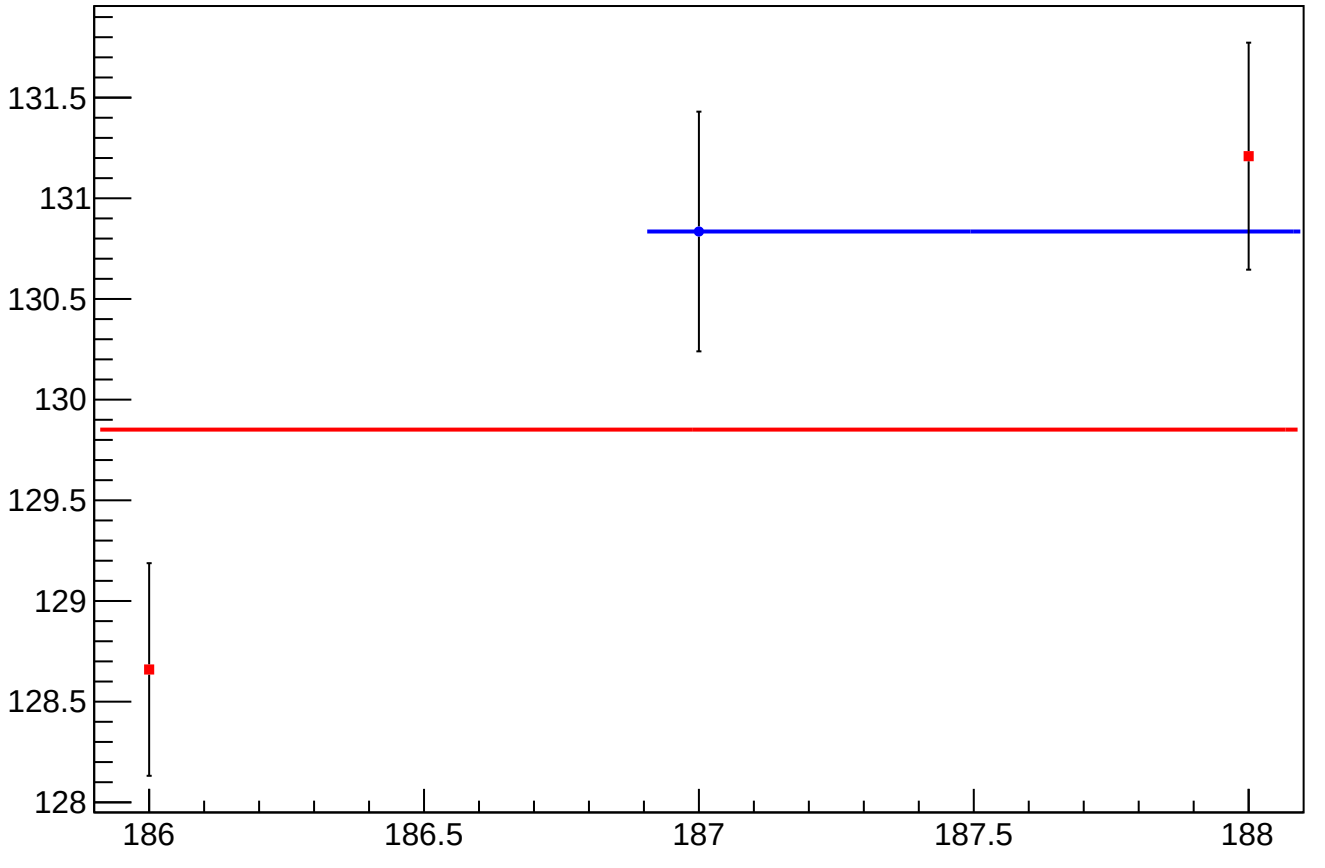
In: -24.622+/-7.256 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -28.730+/-3.655 χ^2/NDF: 0.9/2


reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected
−220
−222
−224
−226
−228
−230
186
186.5
187
187.5
188
Right In: -222.955+/-3.697 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -225.258+/-2.446 χ²/NDF: 0.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -224.557+/-2.040 χ²/NDF: 0.9/2
In: -222.955+/-3.697 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -224.557+/-2.040 χ²/NDF: 0.9/2


reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
−15
−20
−25
−30
−35
−40
−45
−50
−55
186
186.5
187
187.5
188
Right In: -44.869+/-10.575 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -35.974+/-6.234 χ²/NDF: 1.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -38.268+/-5.370 χ²/NDF: 1.8/2
In: -44.869+/-10.575 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -38.268+/-5.370 χ²/NDF: 1.8/2



Right In: 130.835+/-0.595 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 129.851+/-0.385 χ^2/NDF: 10.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

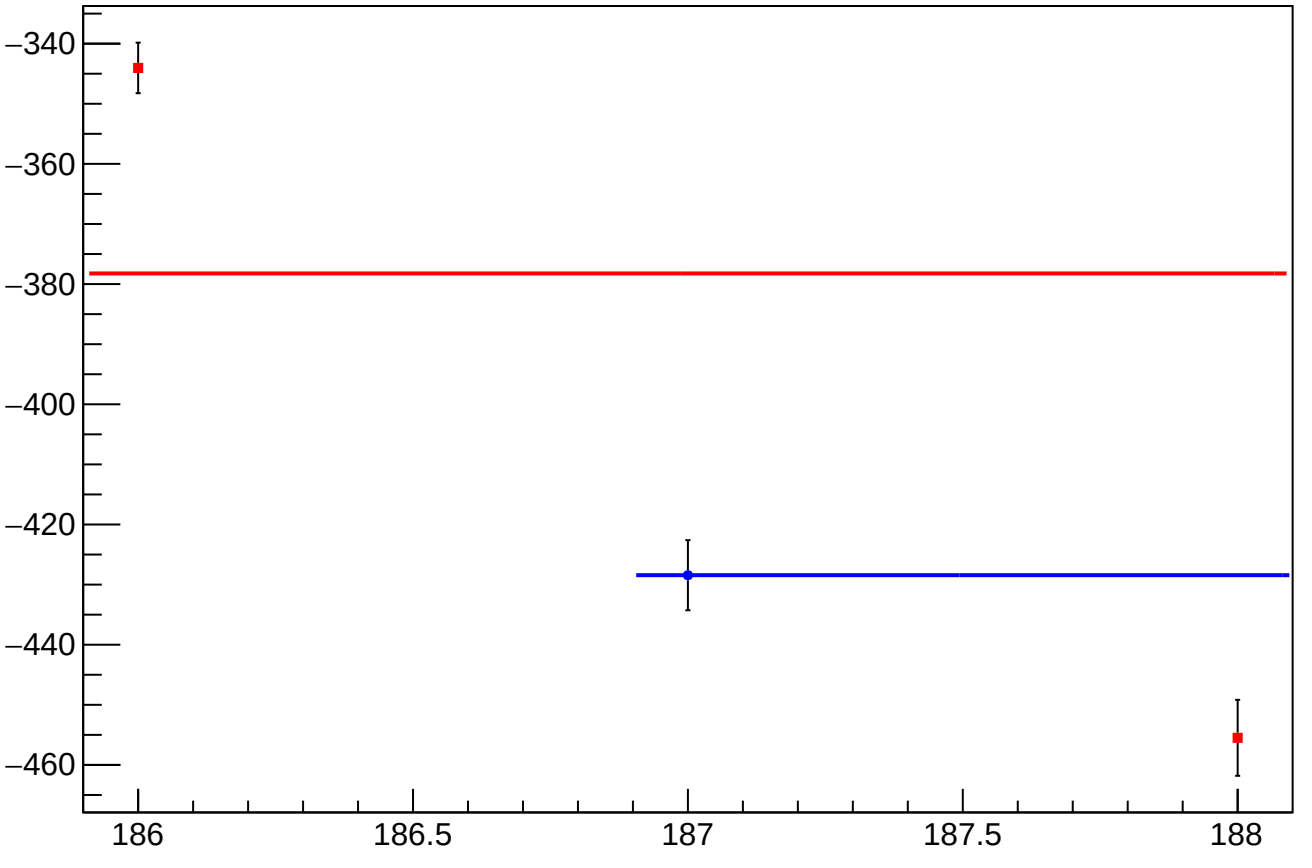
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 130.142+/-0.323 χ^2/NDF: 12.8/2

In: 130.835+/-0.595 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 130.142+/-0.323 χ^2/NDF: 12.8/2



Right In: -428.433+/-5.832 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -378.230+/-3.500 χ^2/NDF: 215.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

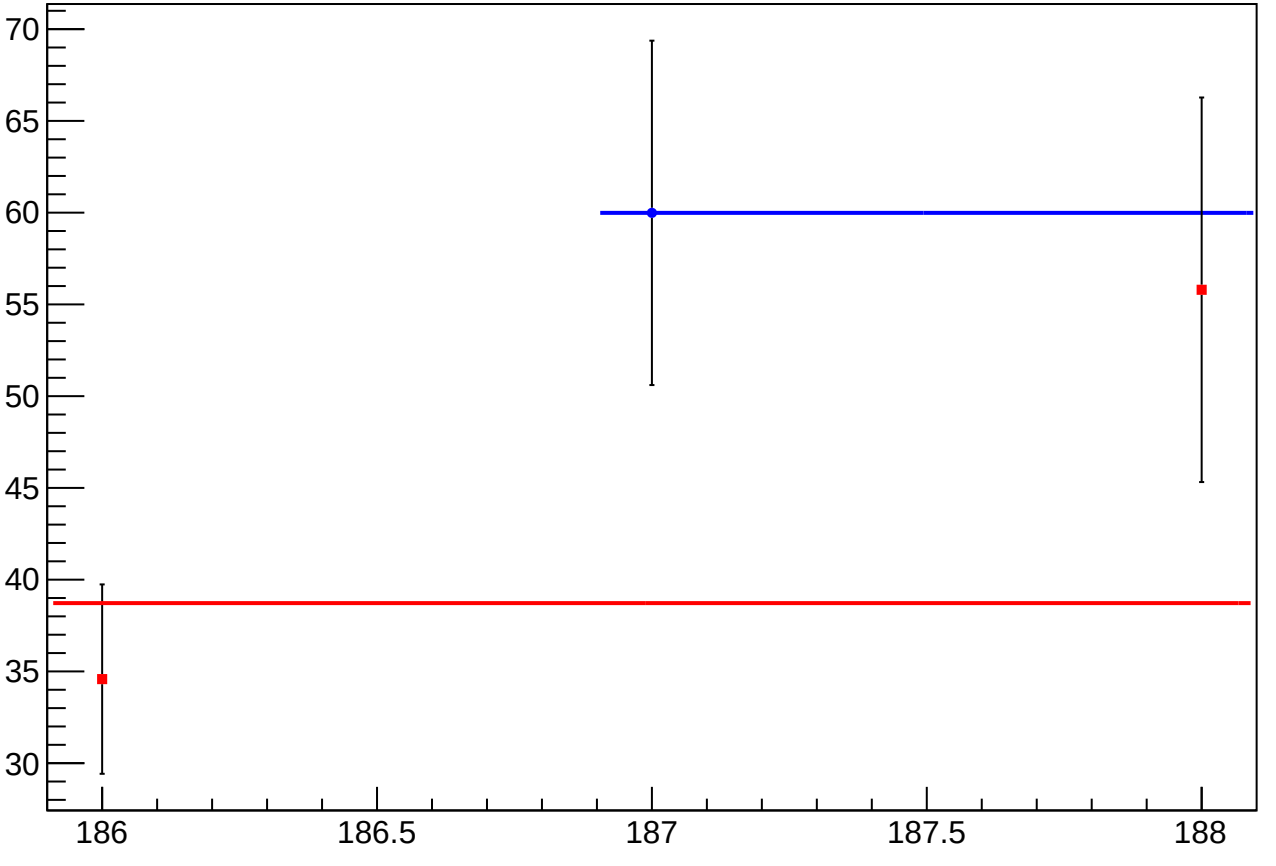
Right: -391.524+/-3.001 χ^2/NDF: 270.1/2

In: -428.433+/-5.832 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -391.524+/-3.001 χ^2/NDF: 270.1/2

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 59.989+/-9.383 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 38.722+/-4.629 χ^2/NDF: 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

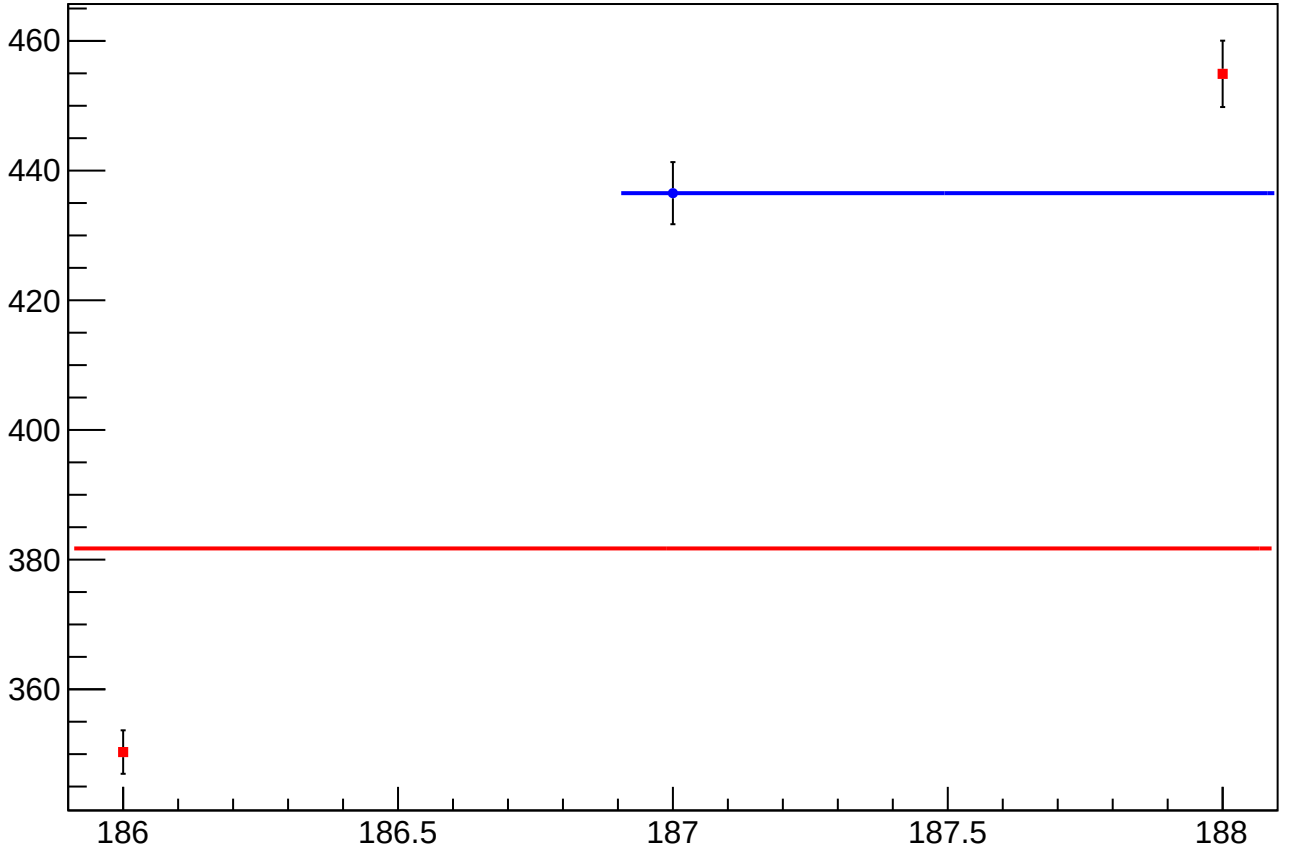
Right: 42.885+/-4.152 χ^2/NDF: 7.4/2

In: 59.989+/-9.383 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 42.885+/-4.152 χ^2/NDF: 7.4/2

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 436.521+/-4.790 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 381.724+/-2.805 χ^2/NDF: 292.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

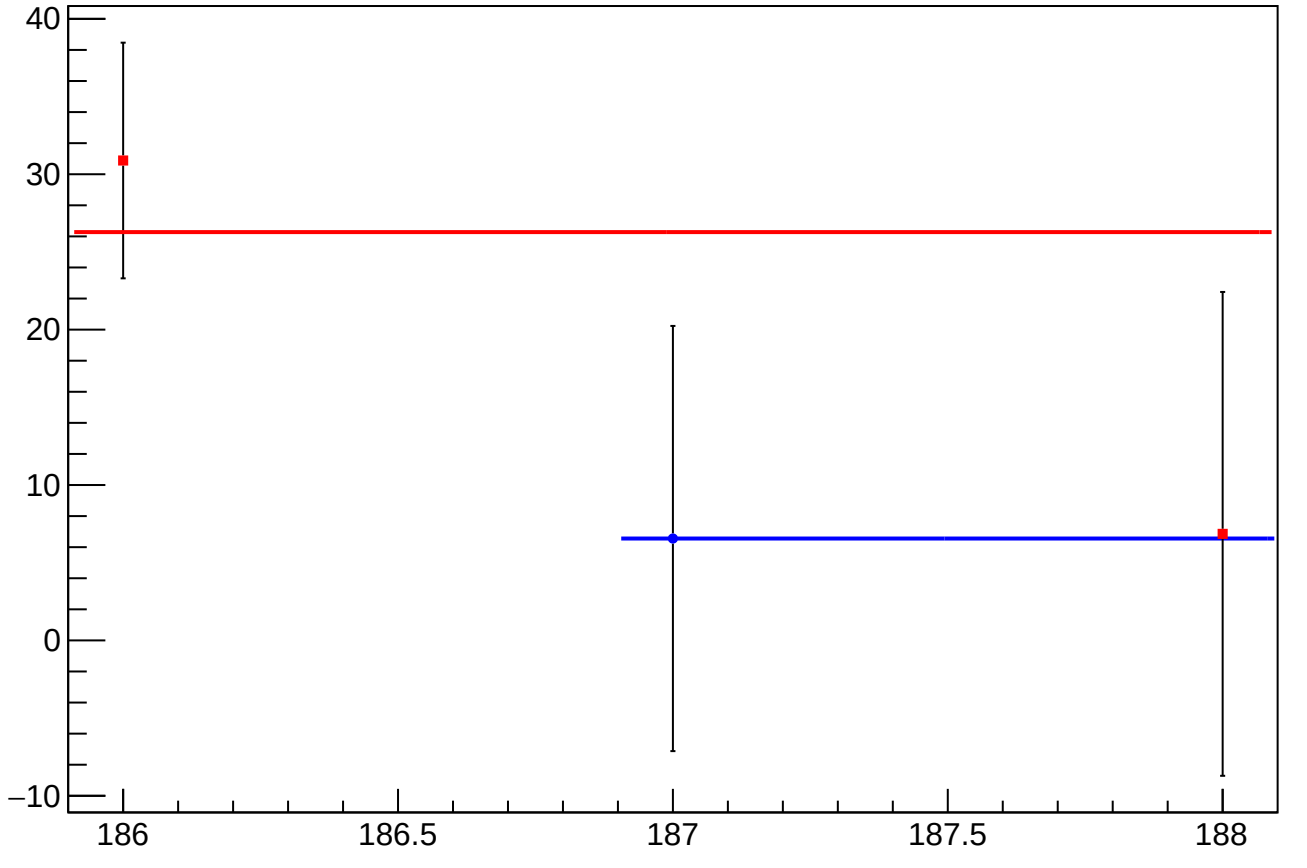
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 395.715+/-2.421 χ^2/NDF: 389.6/2

In: 436.521+/-4.790 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 395.715+/-2.421 χ^2/NDF: 389.6/2



Right In: 6.556+/-13.681 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 26.277+/-6.818 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

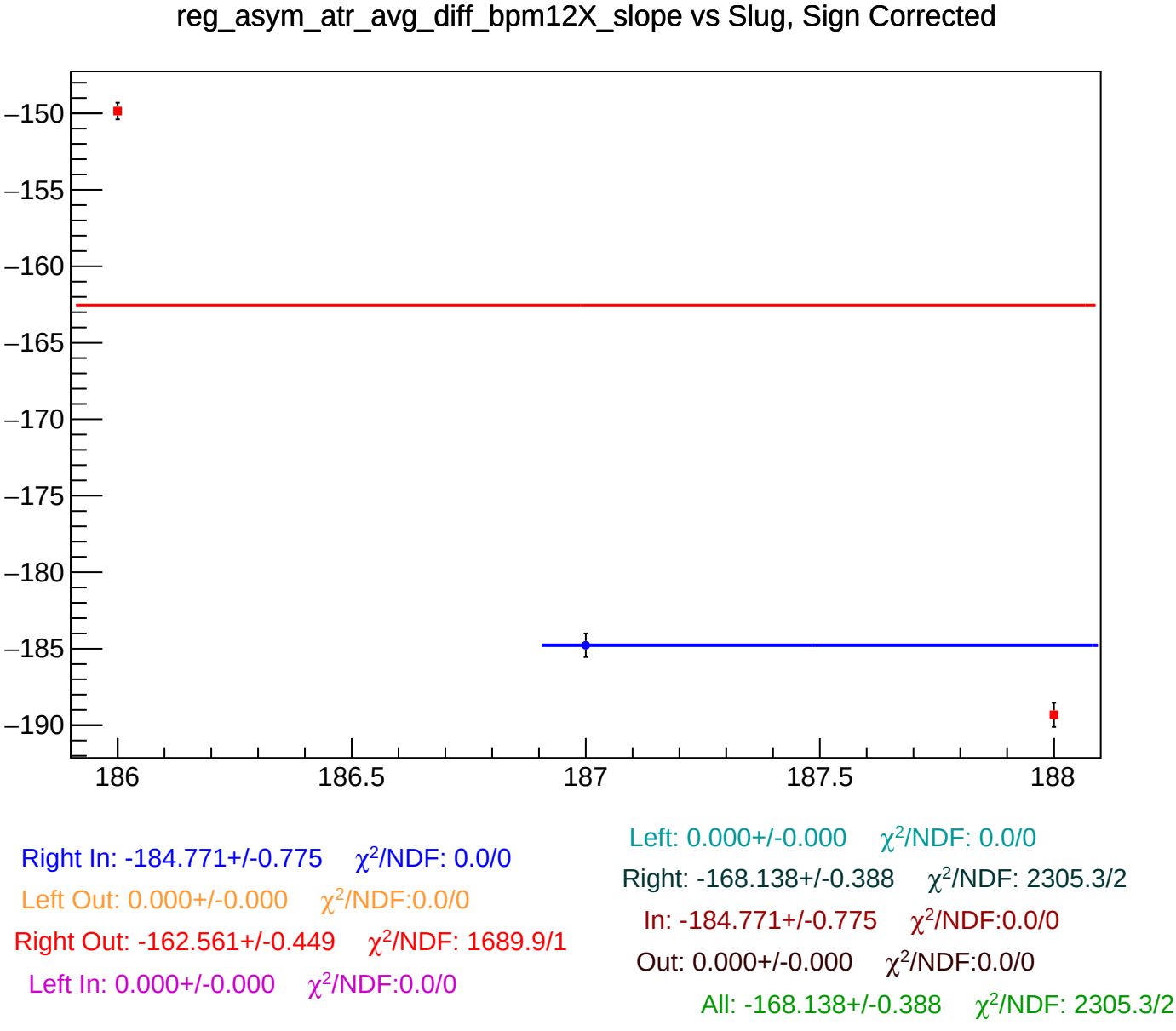
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

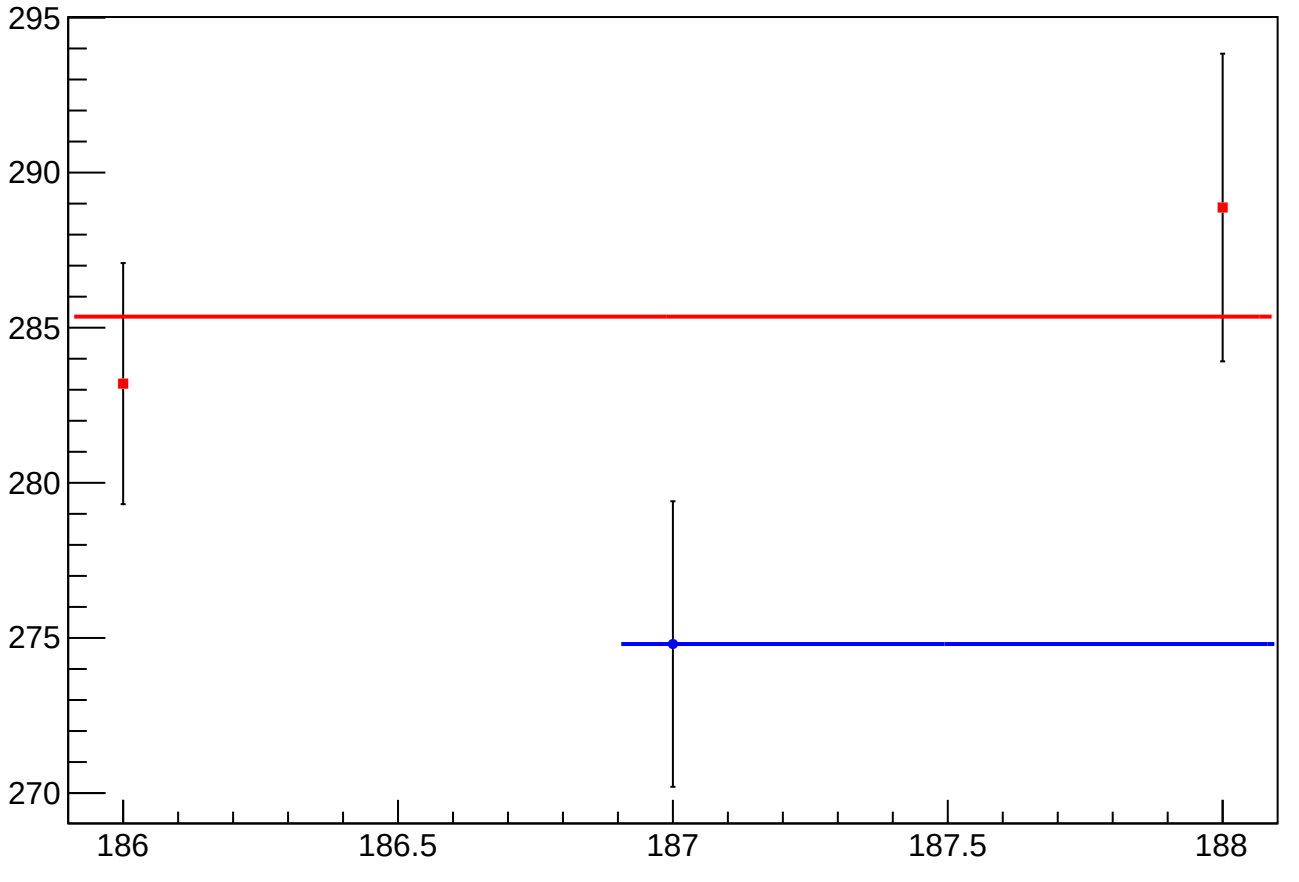
Right: 22.354+/-6.102 χ^2/NDF: 3.6/2

In: 6.556+/-13.681 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.354+/-6.102 χ^2/NDF: 3.6/2


reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−150
−155
−160
−165
−170
−175
−180
−185
−190
186
186.5
187
187.5
188
Right In: -184.771+/-0.775 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -162.561+/-0.449 χ2/NDF: 1689.9/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -168.138+/-0.388 χ2/NDF: 2305.3/2
In: -184.771+/-0.775 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -168.138+/-0.388 χ2/NDF: 2305.3/2



Right In: 274.804+/-4.602 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 285.357+/-3.059 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

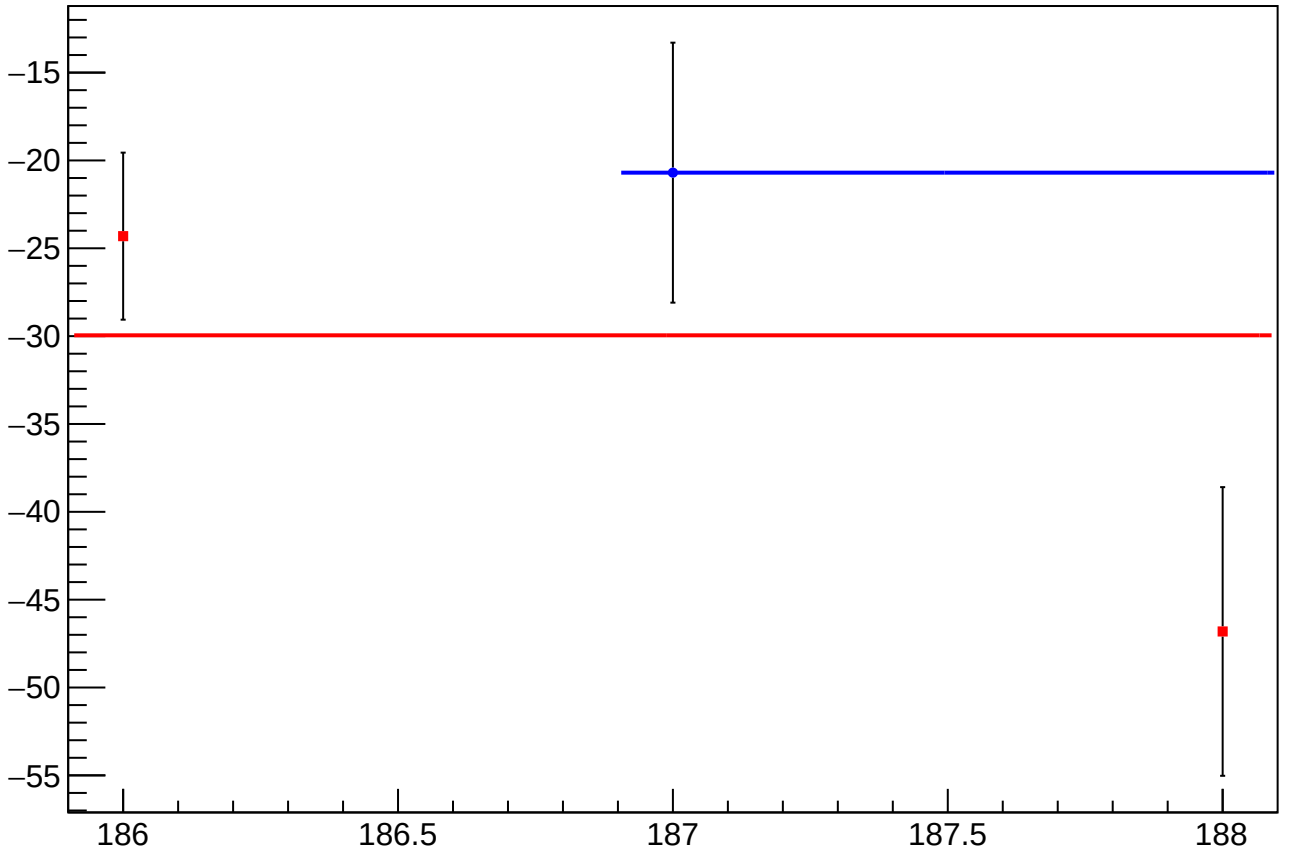
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 282.124+/-2.547 χ^2/NDF: 4.5/2

In: 274.804+/-4.602 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 282.124+/-2.547 χ^2/NDF: 4.5/2



Right In: -20.695+/-7.399 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -29.953+/-4.114 χ^2/NDF: 5.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

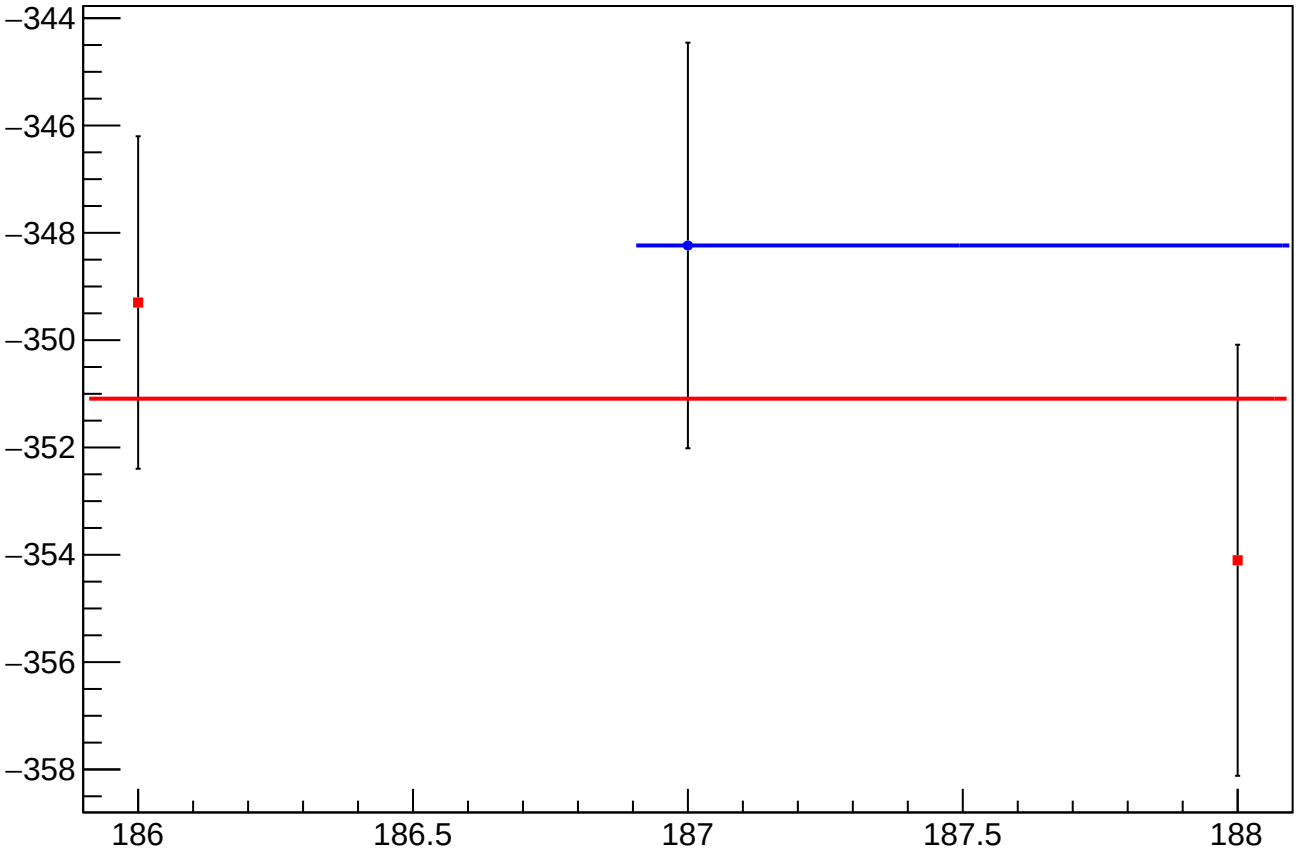
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -27.767+/-3.596 χ^2/NDF: 6.8/2

In: -20.695+/-7.399 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -27.767+/-3.596 χ^2/NDF: 6.8/2



Right In: -348.236+/-3.779 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -351.090+/-2.453 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

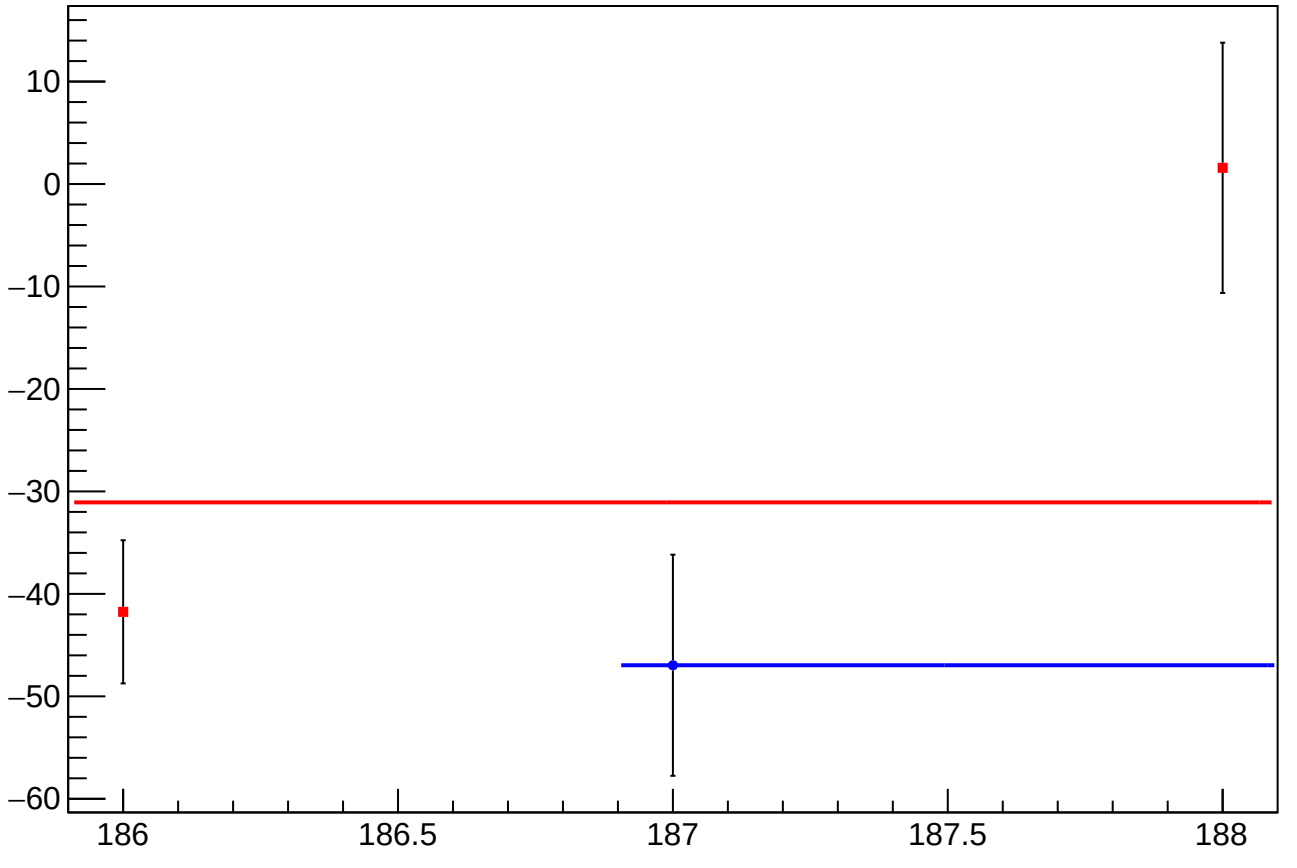
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -350.244+/-2.058 χ^2/NDF: 1.3/2

In: -348.236+/-3.779 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -350.244+/-2.058 χ^2/NDF: 1.3/2



Right In: -46.965+/-10.790 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.070+/-6.064 χ^2/NDF: 9.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

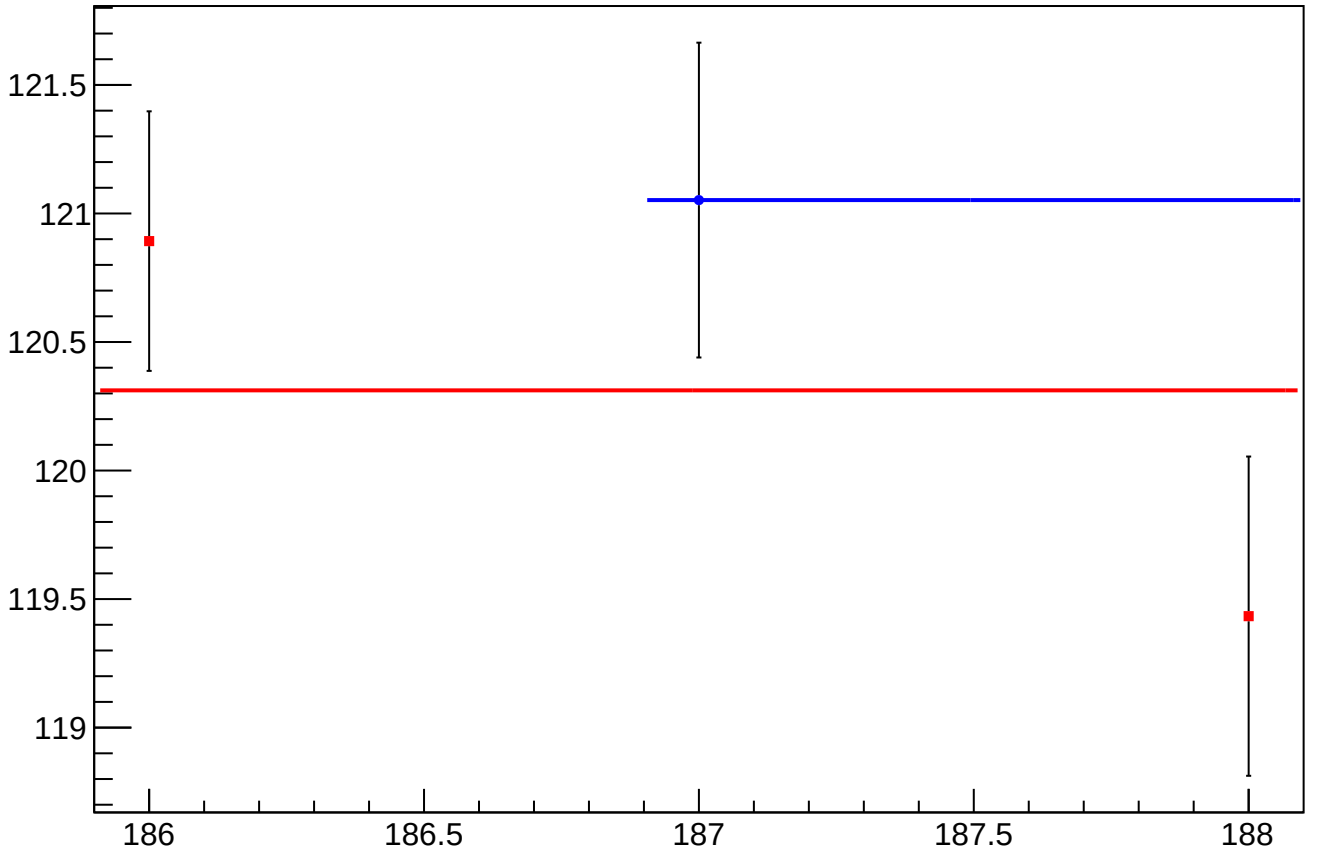
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -34.886+/-5.286 χ^2/NDF: 11.1/2

In: -46.965+/-10.790 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.886+/-5.286 χ^2/NDF: 11.1/2



Right In: 121.052+/-0.612 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 120.312+/-0.392 χ^2/NDF: 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

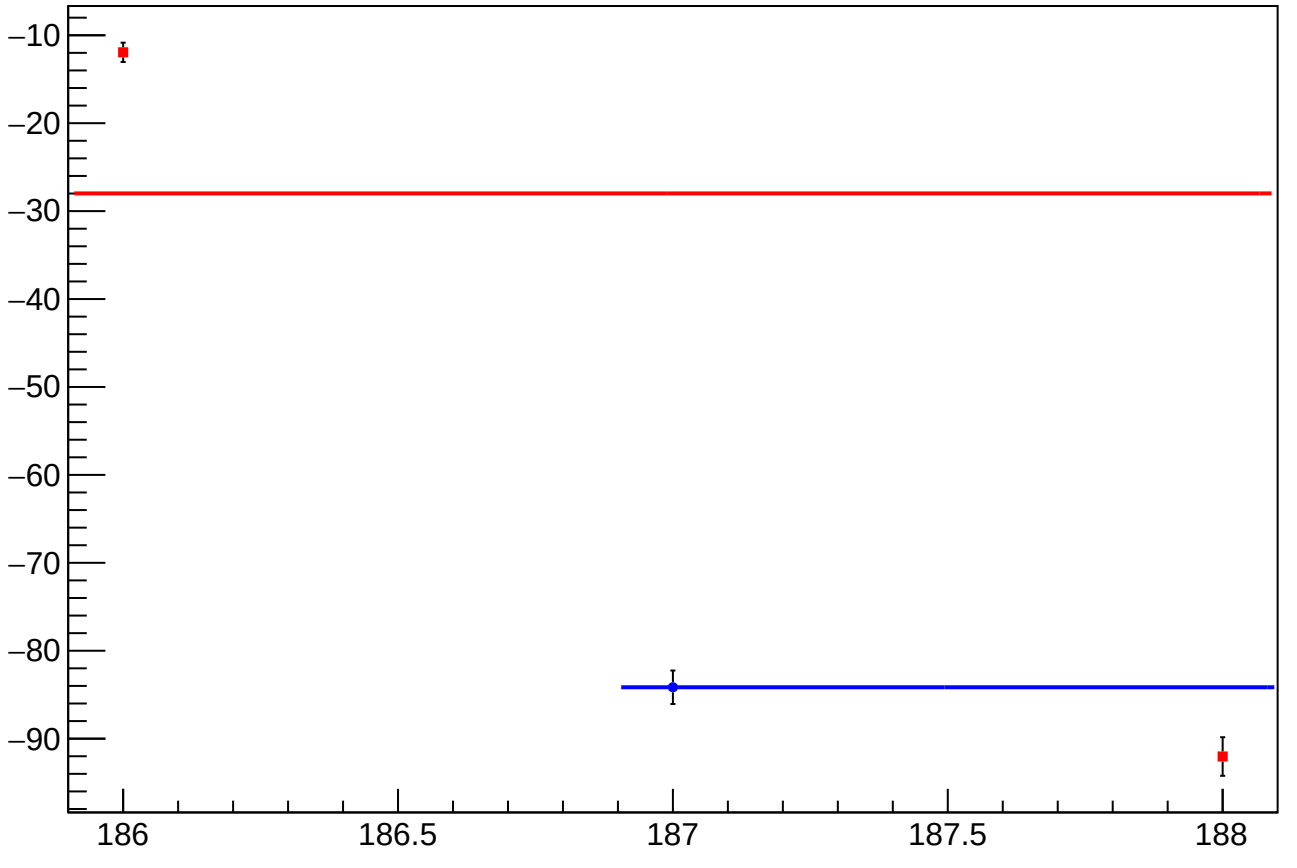
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 120.527+/-0.330 χ^2/NDF: 4.4/2

In: 121.052+/-0.612 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 120.527+/-0.330 χ^2/NDF: 4.4/2



Right In: -84.155+/-1.906 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -27.987+/-0.982 χ^2/NDF: 1066.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

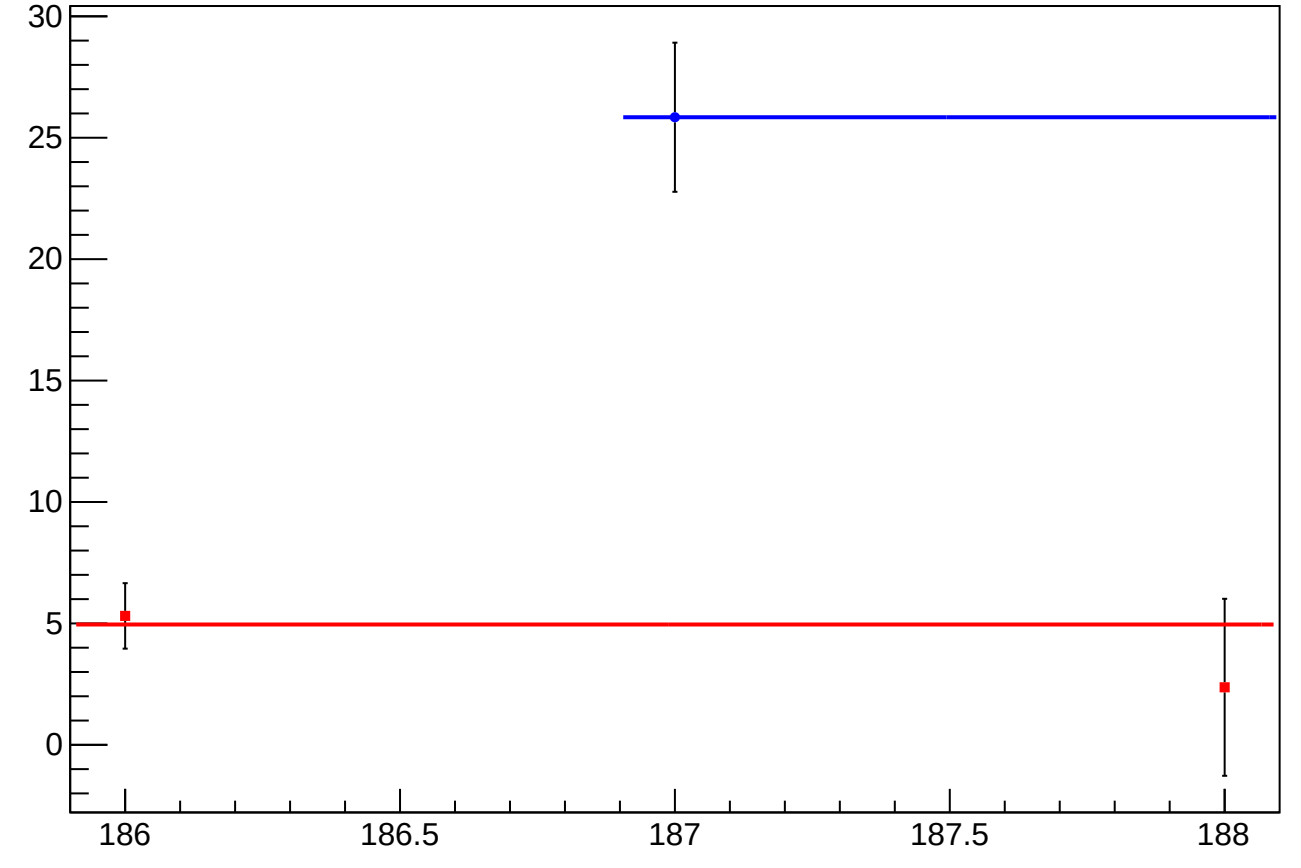
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -39.768+/-0.873 χ^2/NDF: 1752.5/2

In: -84.155+/-1.906 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -39.768+/-0.873 χ^2/NDF: 1752.5/2



Right In: 25.844+/-3.071 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.956+/-1.264 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

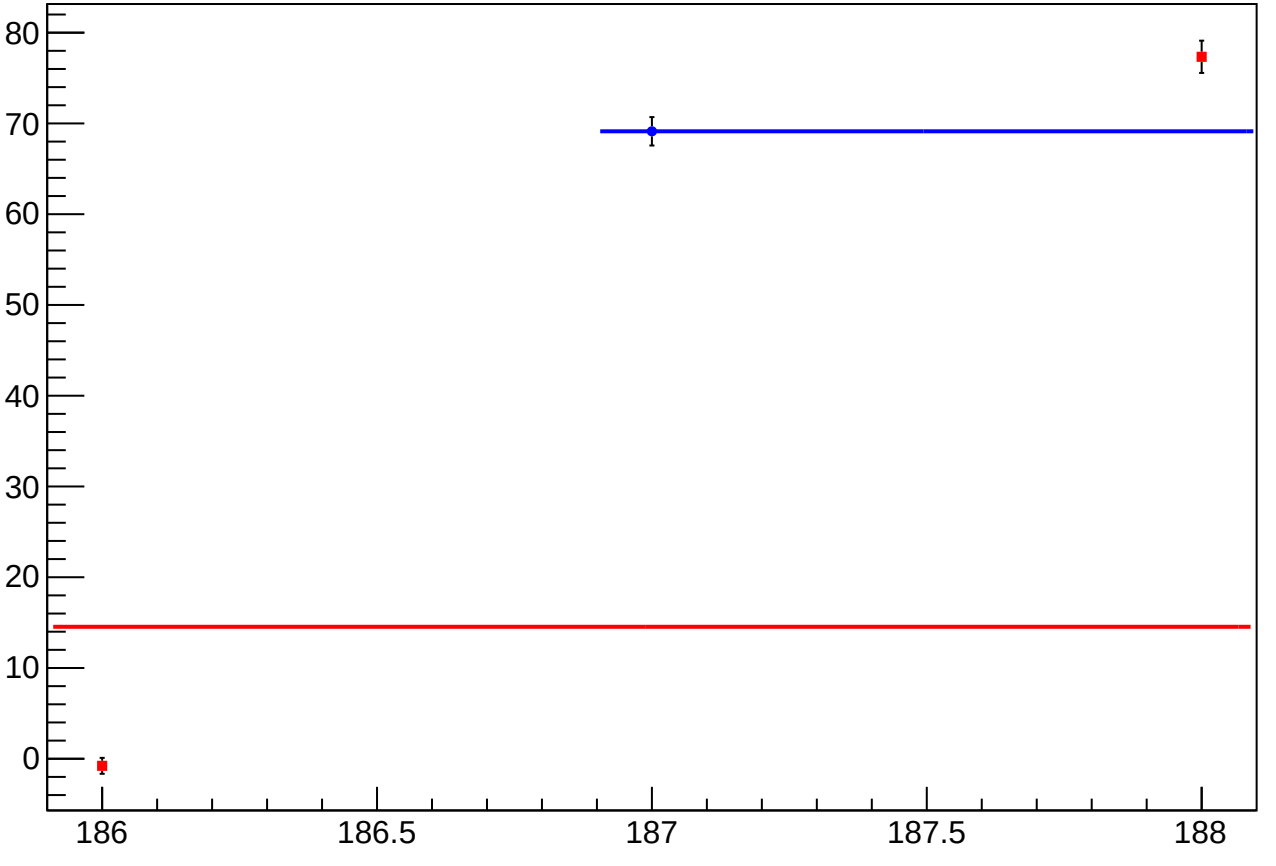
Right: 7.984+/-1.169 χ^2/NDF: 40.1/2

In: 25.844+/-3.071 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.984+/-1.169 χ^2/NDF: 40.1/2

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.132+/-1.566 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.541+/-0.787 χ^2/NDF: 1553.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

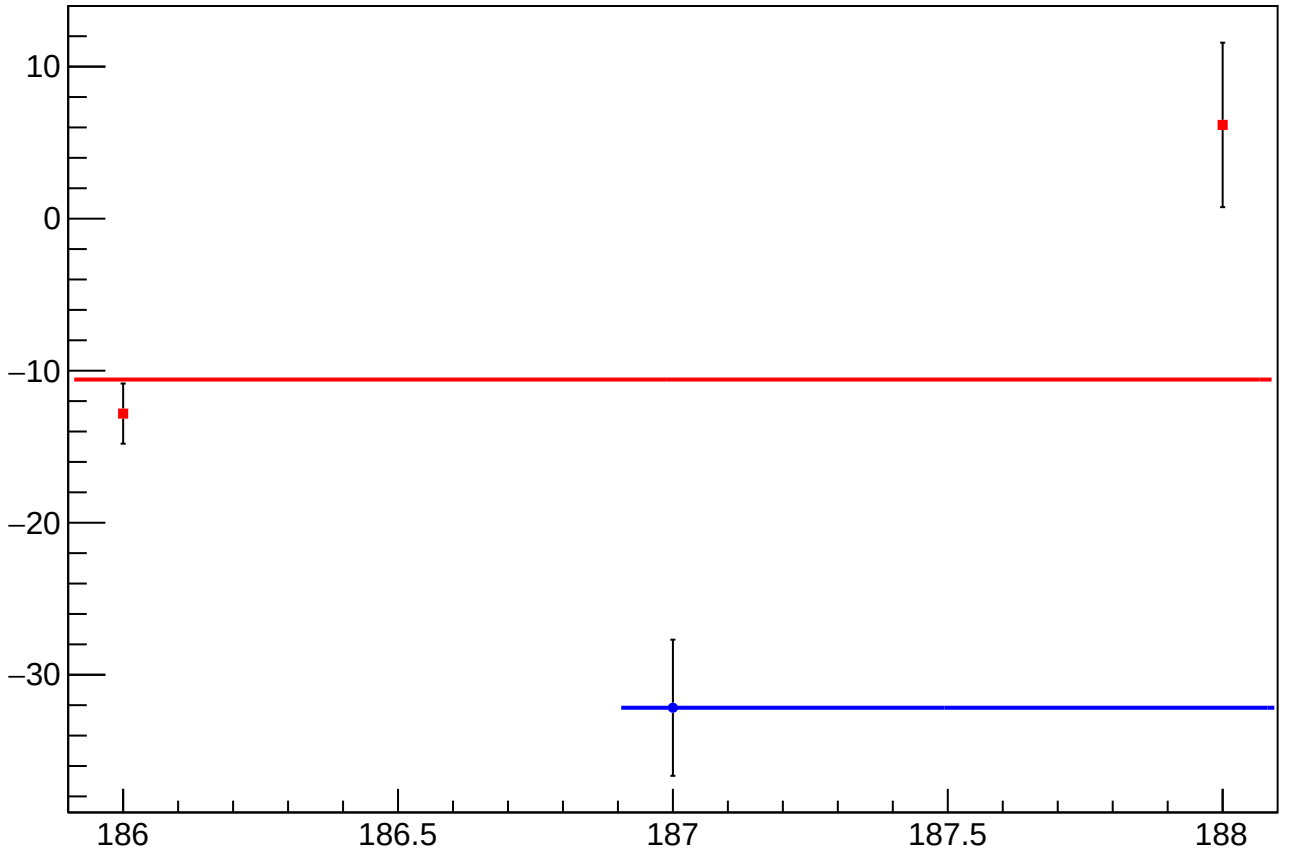
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 25.554+/-0.703 χ^2/NDF: 2523.5/2

In: 69.132+/-1.566 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.554+/-0.703 χ^2/NDF: 2523.5/2



Right In: -32.168+/-4.476 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.582+/-1.858 χ^2/NDF: 10.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

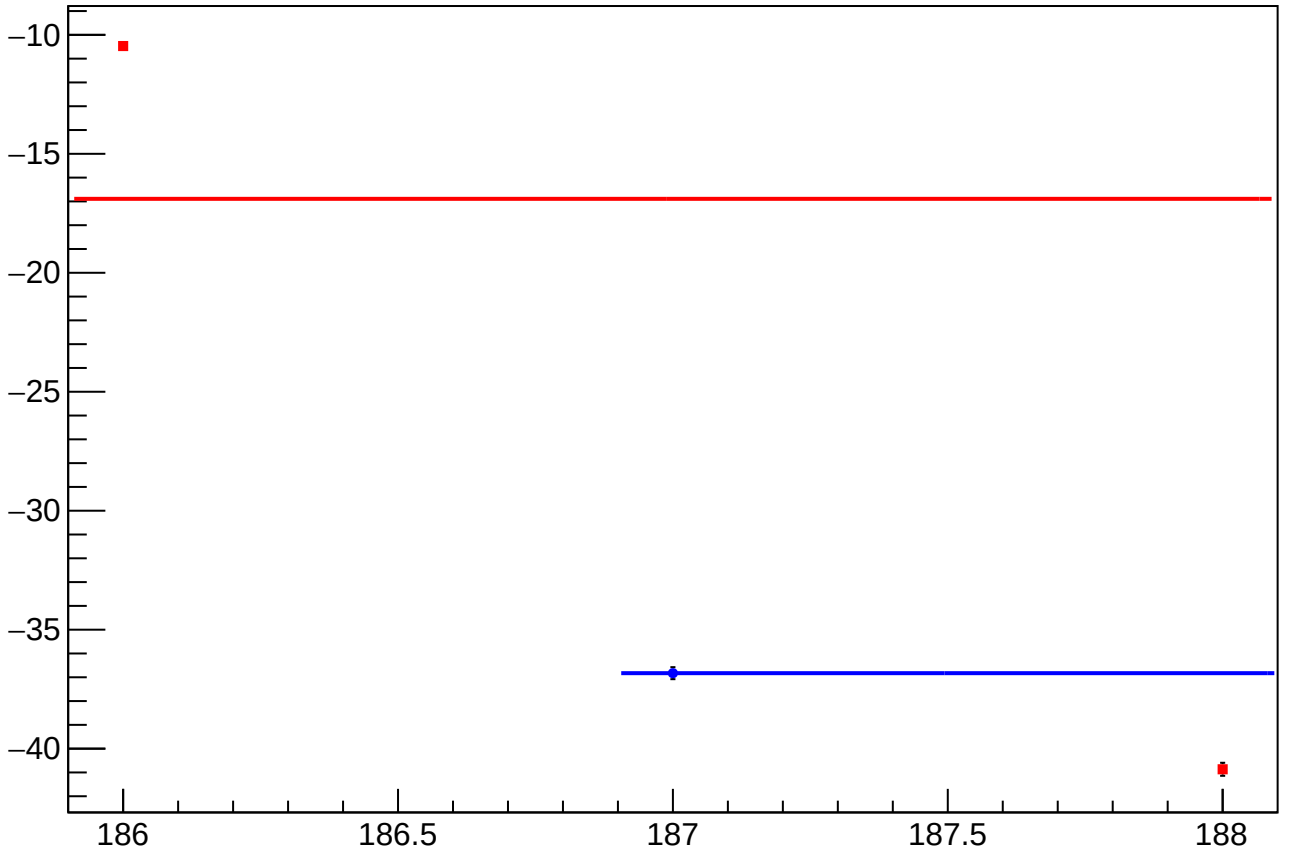
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -13.754+/-1.716 χ^2/NDF: 30.7/2

In: -32.168+/-4.476 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13.754+/-1.716 χ^2/NDF: 30.7/2



Right In: -36.828+/-0.253 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -16.892+/-0.126 χ^2/NDF: 9719.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

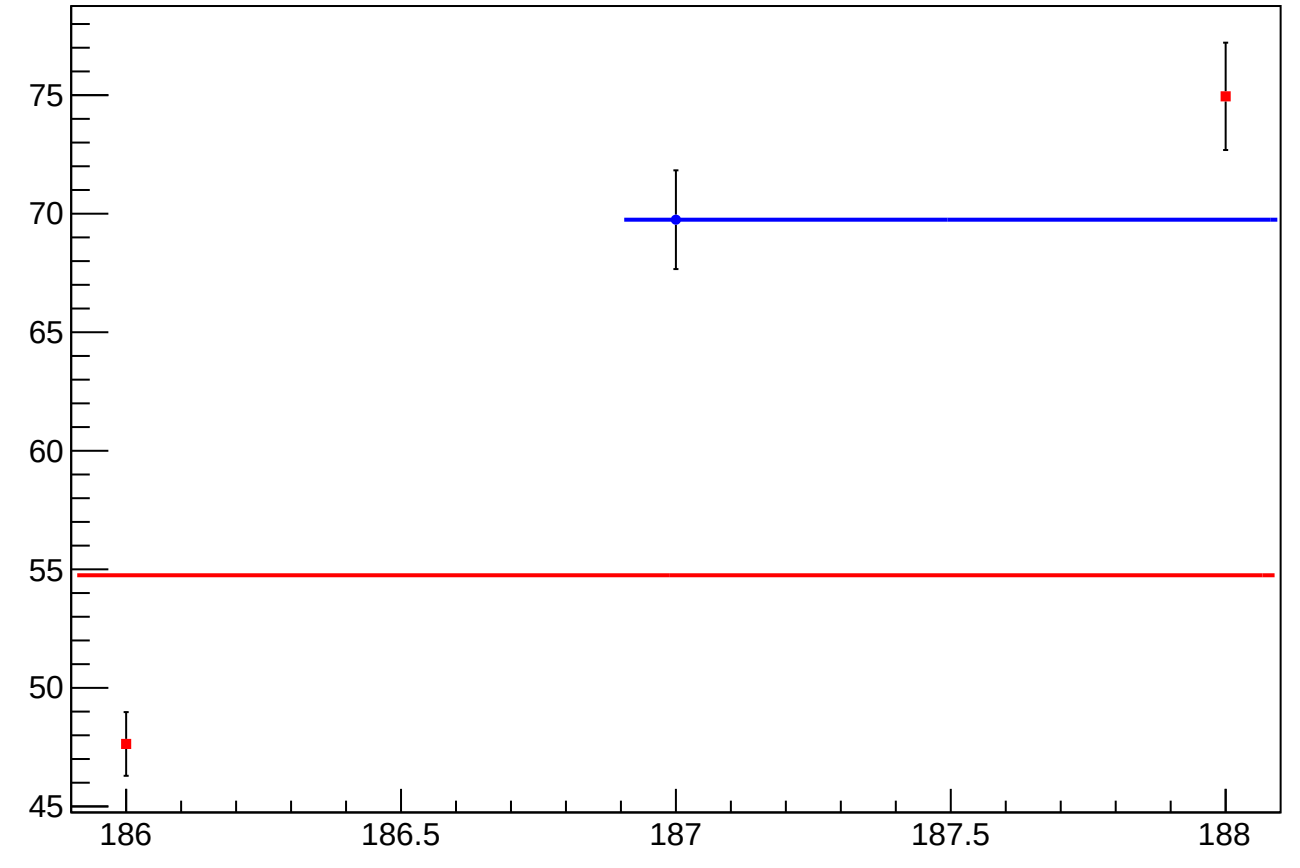
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -20.857+/-0.113 χ^2/NDF: 14709.6/2

In: -36.828+/-0.253 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -20.857+/-0.113 χ^2/NDF: 14709.6/2



Right In: 69.747+/-2.082 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 54.750+/-1.155 χ^2/NDF: 107.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

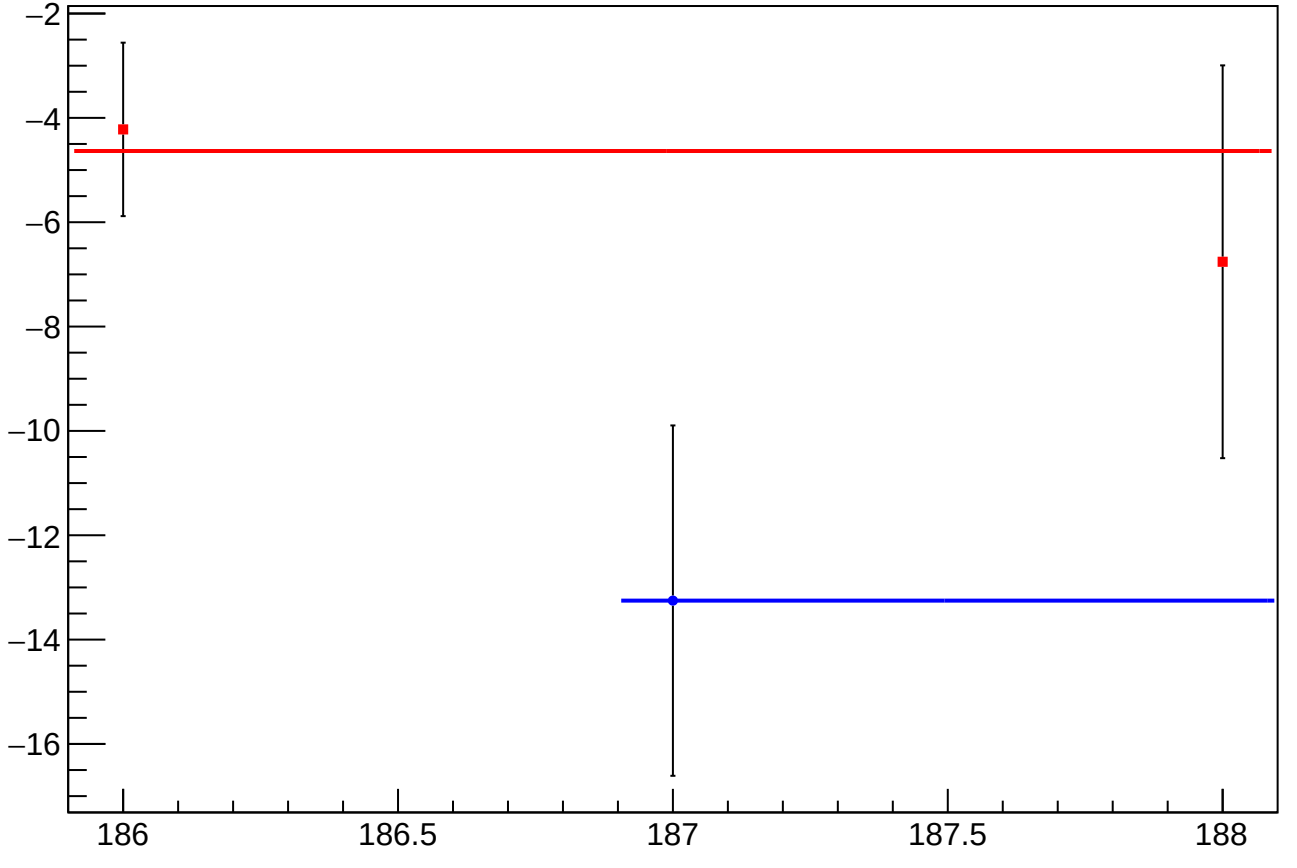
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 58.279+/-1.010 χ^2/NDF: 147.3/2

In: 69.747+/-2.082 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 58.279+/-1.010 χ^2/NDF: 147.3/2



Right In: -13.253+/-3.358 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.635+/-1.521 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

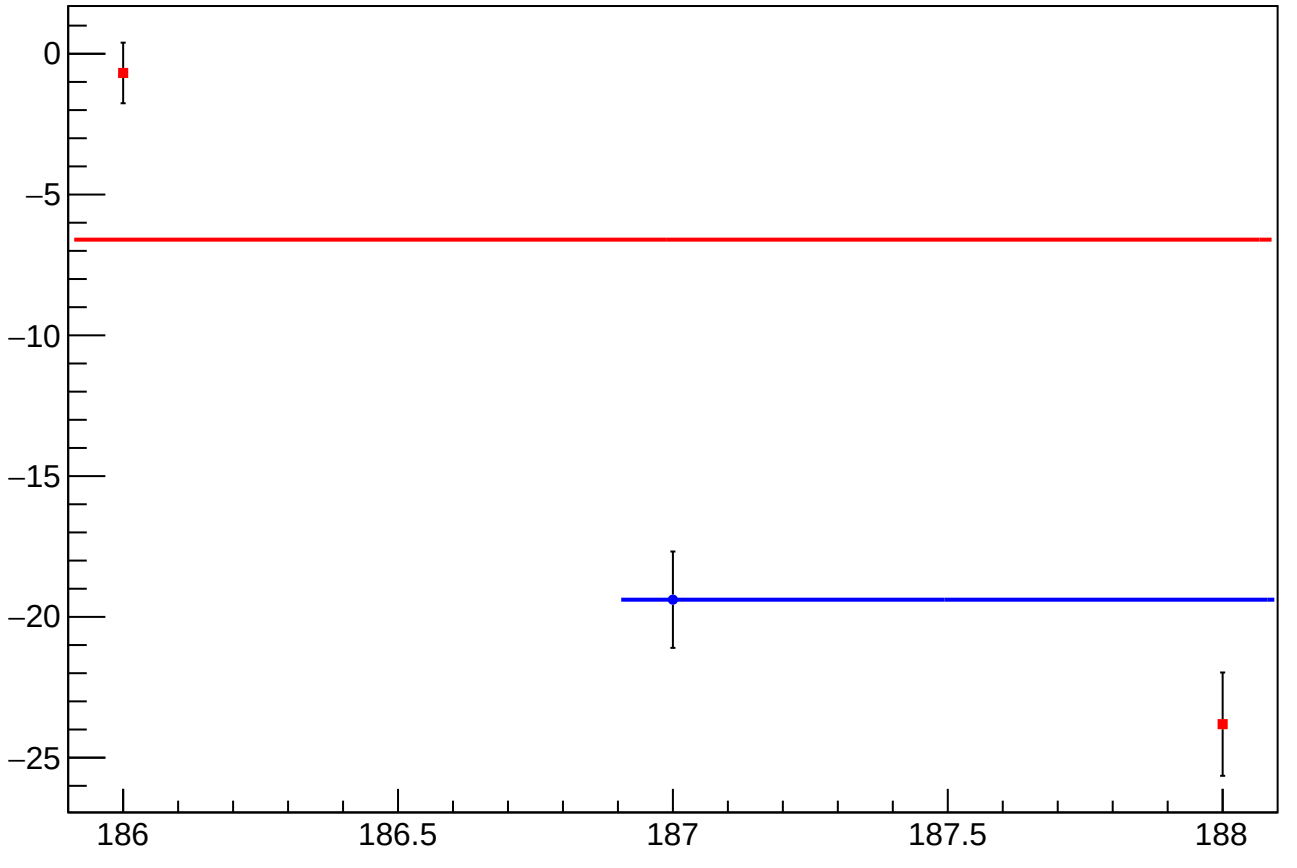
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6.102+/-1.385 χ^2/NDF: 5.8/2

In: -13.253+/-3.358 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.102+/-1.385 χ^2/NDF: 5.8/2



Right In: -19.389+/-1.711 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.602+/-0.928 χ^2/NDF: 118.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

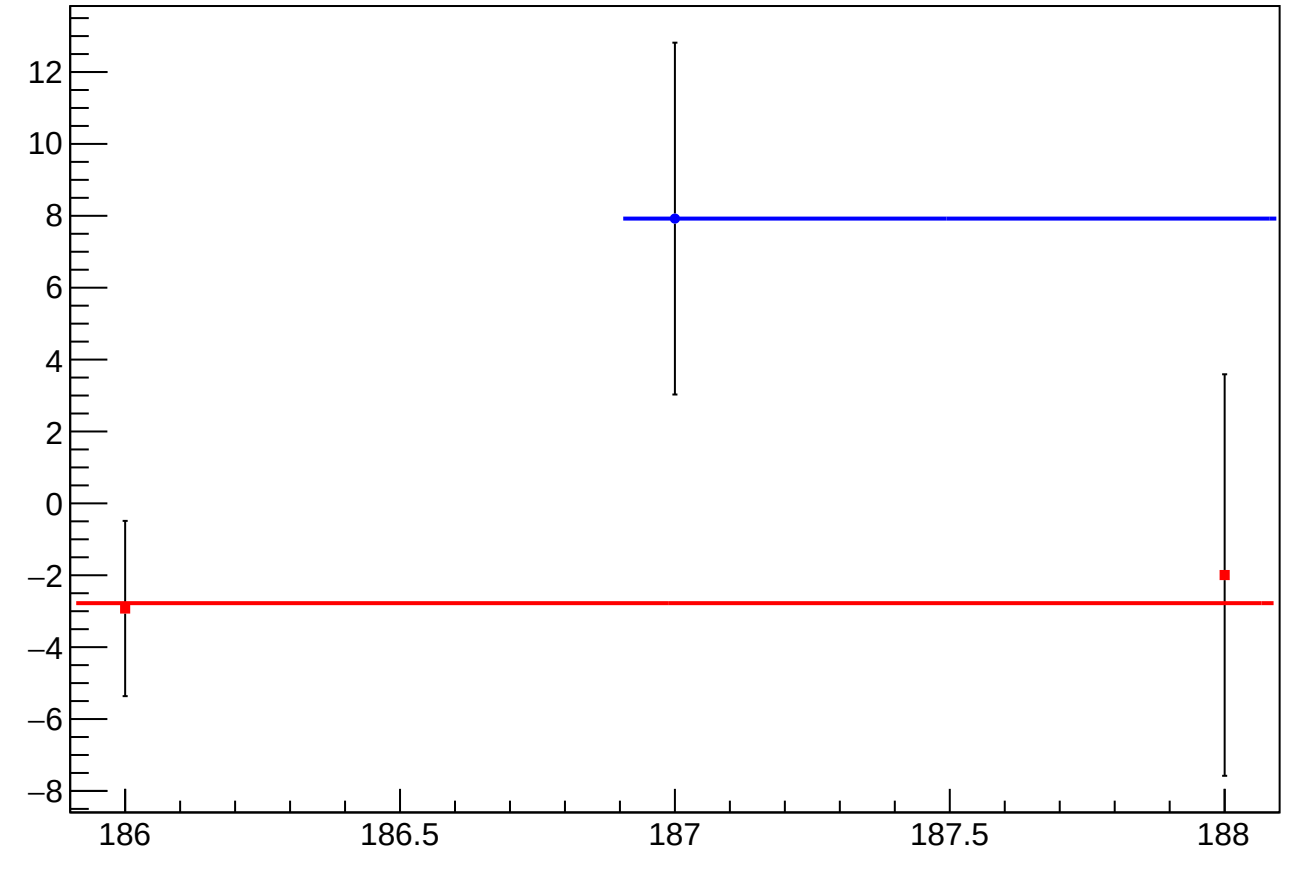
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -9.508+/-0.816 χ^2/NDF: 161.4/2

In: -19.389+/-1.711 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.508+/-0.816 χ^2/NDF: 161.4/2



Right In: 7.922+/-4.894 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.776+/-2.234 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

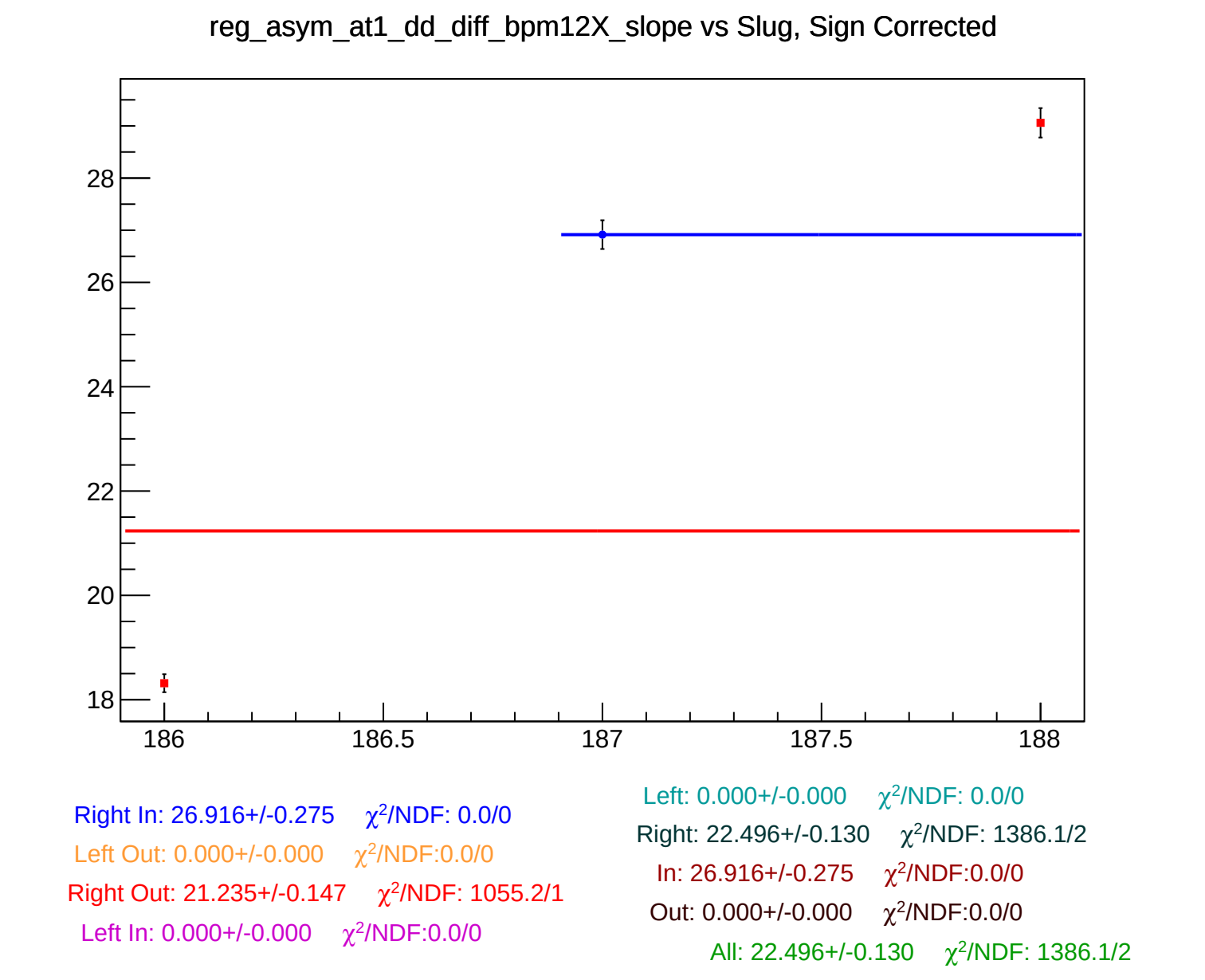
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

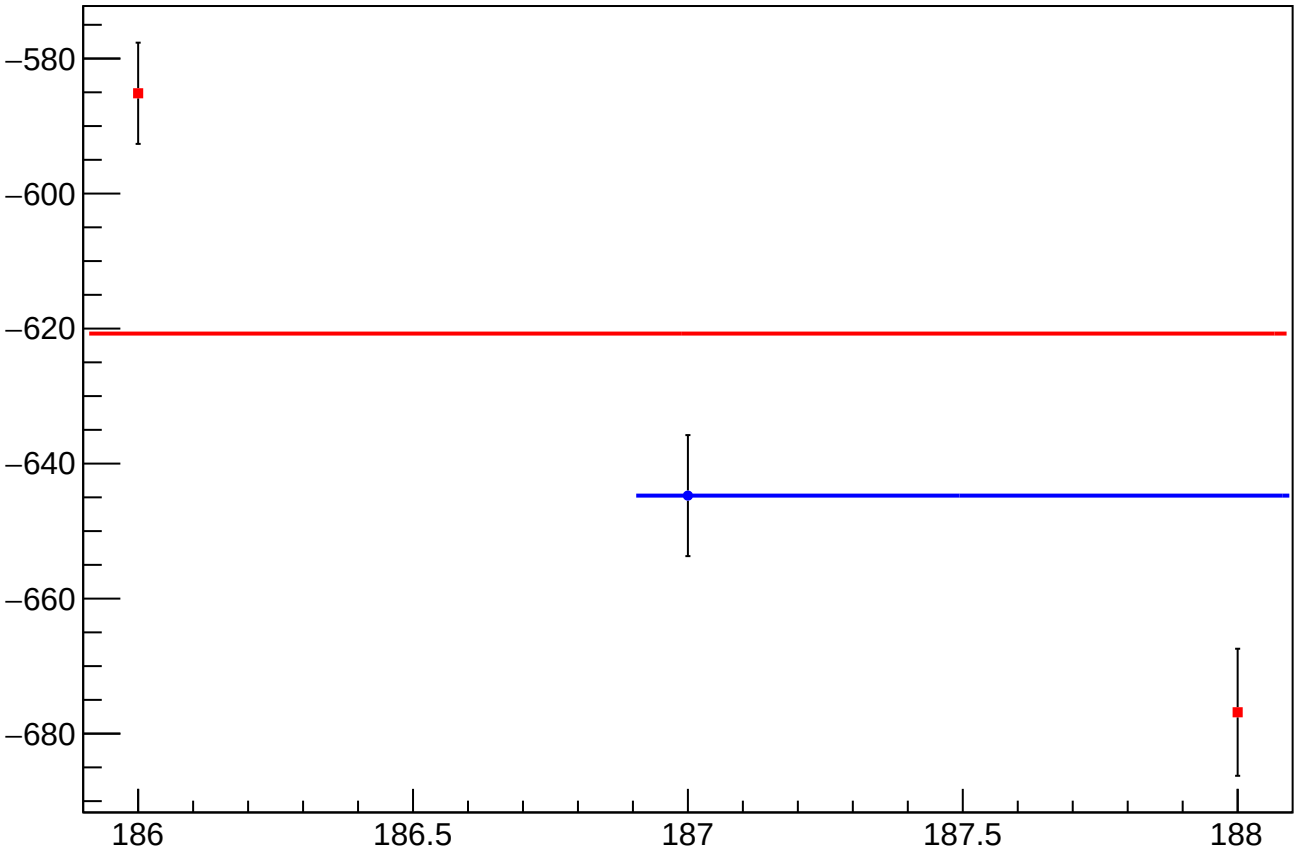
Right: -0.931+/-2.032 χ^2/NDF: 4.0/2

In: 7.922+/-4.894 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.931+/-2.032 χ^2/NDF: 4.0/2


reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected
28
26
24
22
20
18
186
186.5
187
187.5
188
Right In: 26.916+/-0.275 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 21.235+/-0.147 χ2/NDF: 1055.2/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 22.496+/-0.130 χ2/NDF: 1386.1/2
In: 26.916+/-0.275 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 22.496+/-0.130 χ2/NDF: 1386.1/2



Right In: -644.742+/-8.964 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -620.740+/-5.864 χ^2/NDF: 58.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

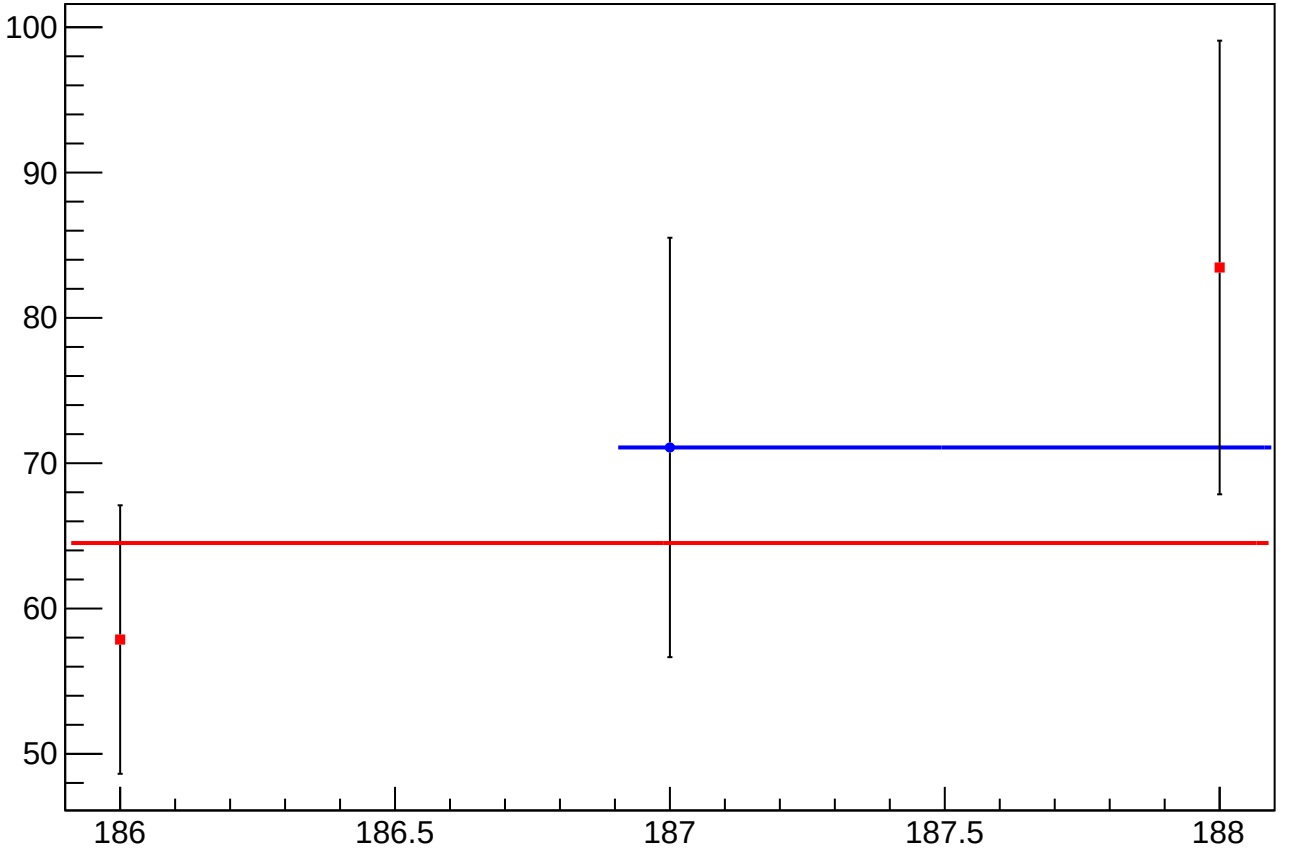
Right: -627.932+/-4.907 χ^2/NDF: 63.1/2

In: -644.742+/-8.964 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -627.932+/-4.907 χ^2/NDF: 63.1/2

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 71.084+/-14.430 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 64.509+/-7.950 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

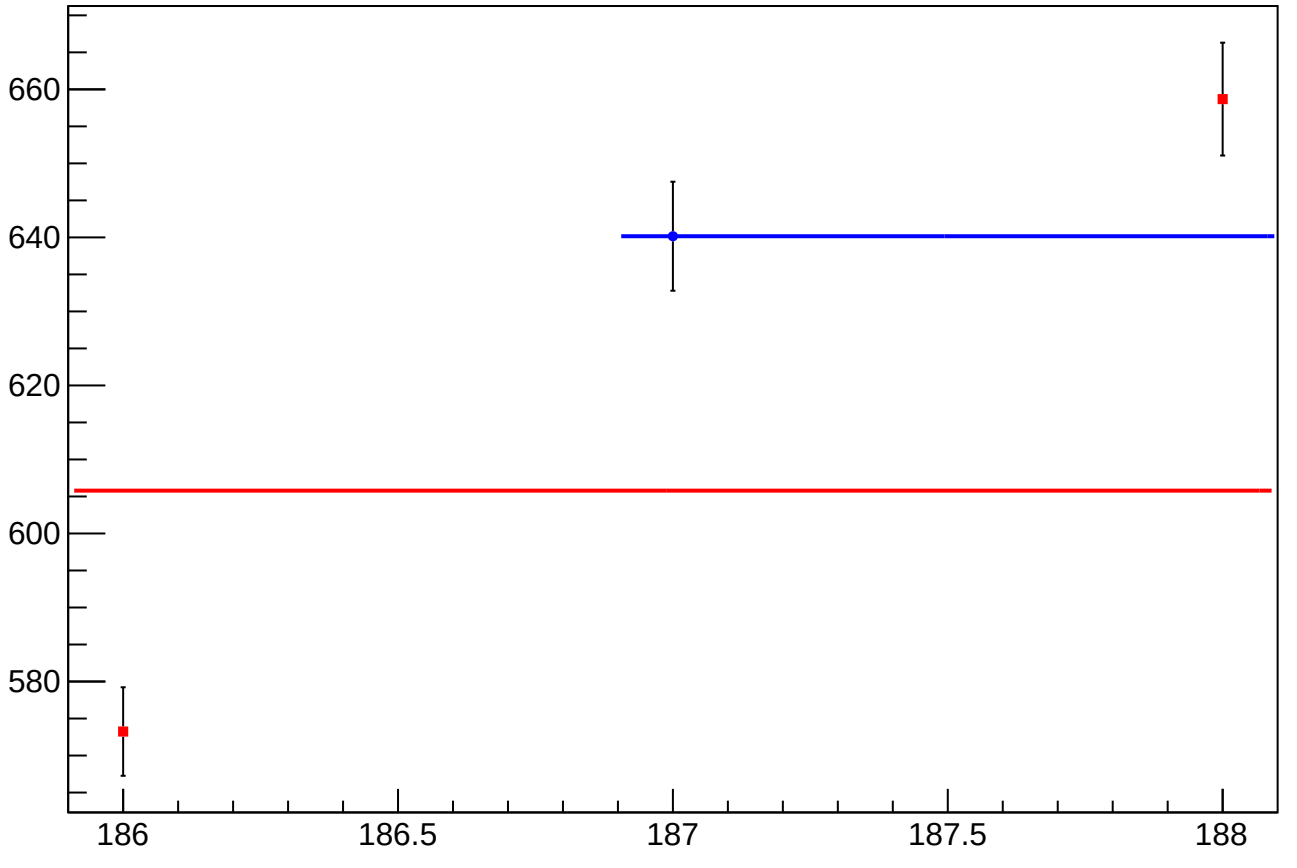
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 66.040+/-6.963 χ^2/NDF: 2.2/2

In: 71.084+/-14.430 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 66.040+/-6.963 χ^2/NDF: 2.2/2



Right In: 640.160+/-7.364 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 605.788+/-4.705 χ^2/NDF: 77.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

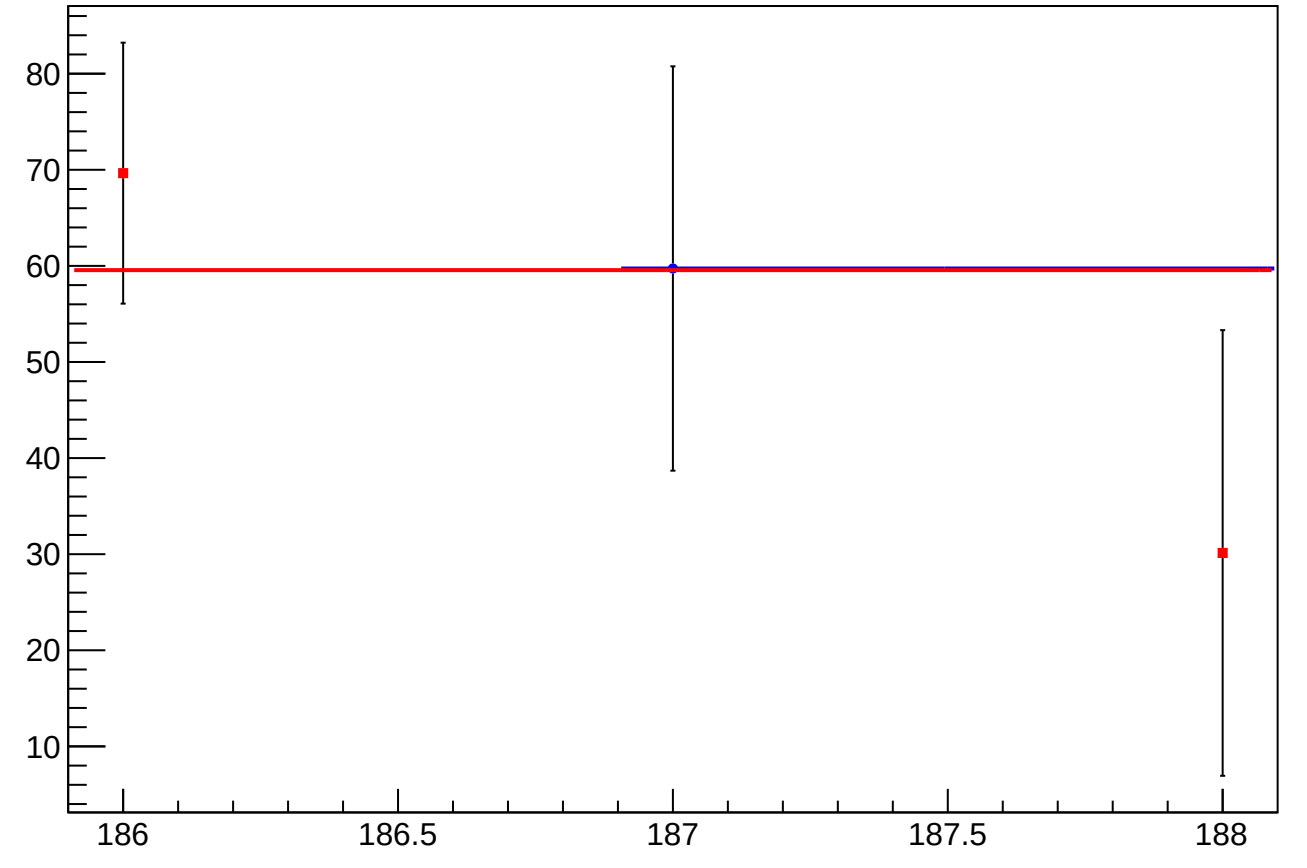
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 615.753+/-3.965 χ^2/NDF: 93.2/2

In: 640.160+/-7.364 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 615.753+/-3.965 χ^2/NDF: 93.2/2



Right In: 59.727+/-21.038 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 59.558+/-11.717 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

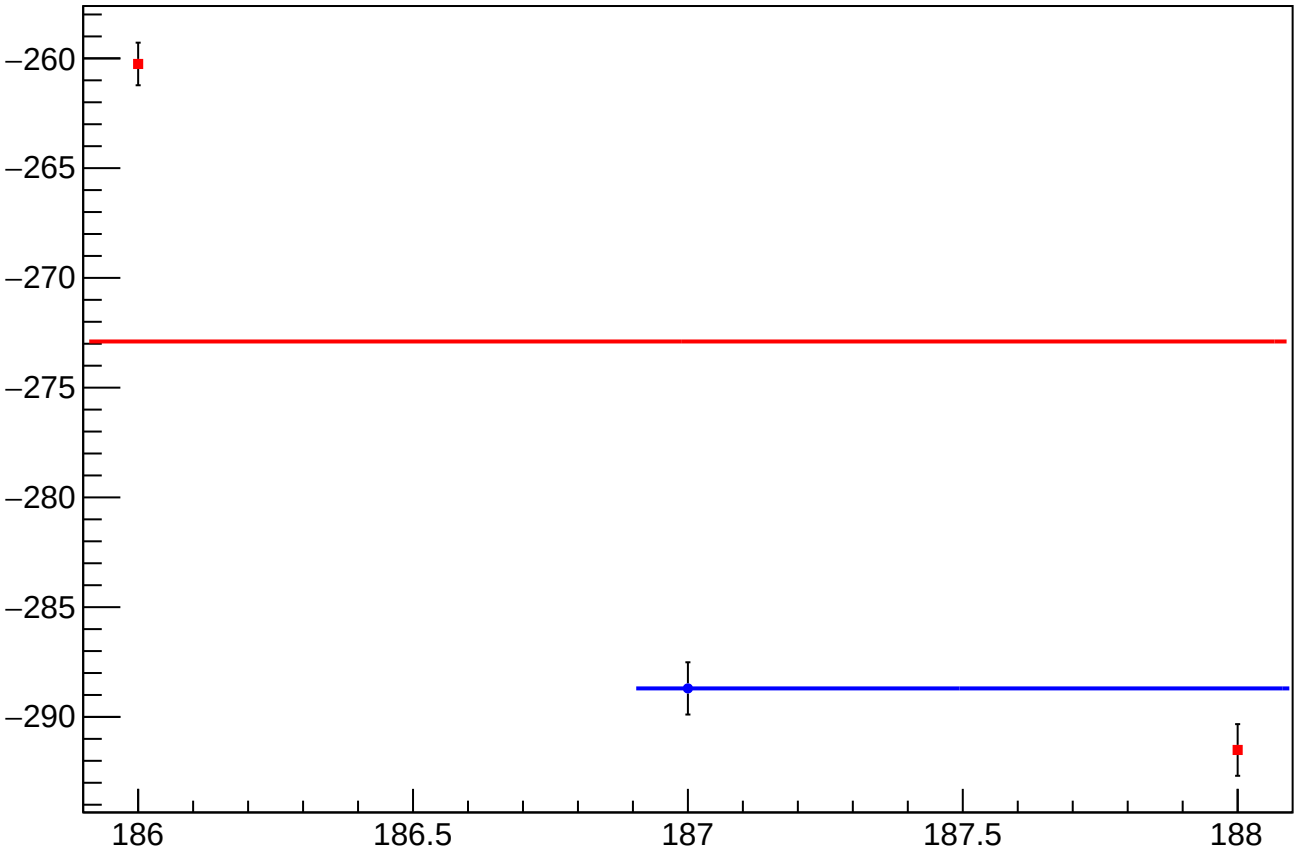
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 59.598+/-10.236 χ^2/NDF: 2.2/2

In: 59.727+/-21.038 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 59.598+/-10.236 χ^2/NDF: 2.2/2



Right In: -288.701+/-1.190 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -272.897+/-0.749 χ^2/NDF: 419.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

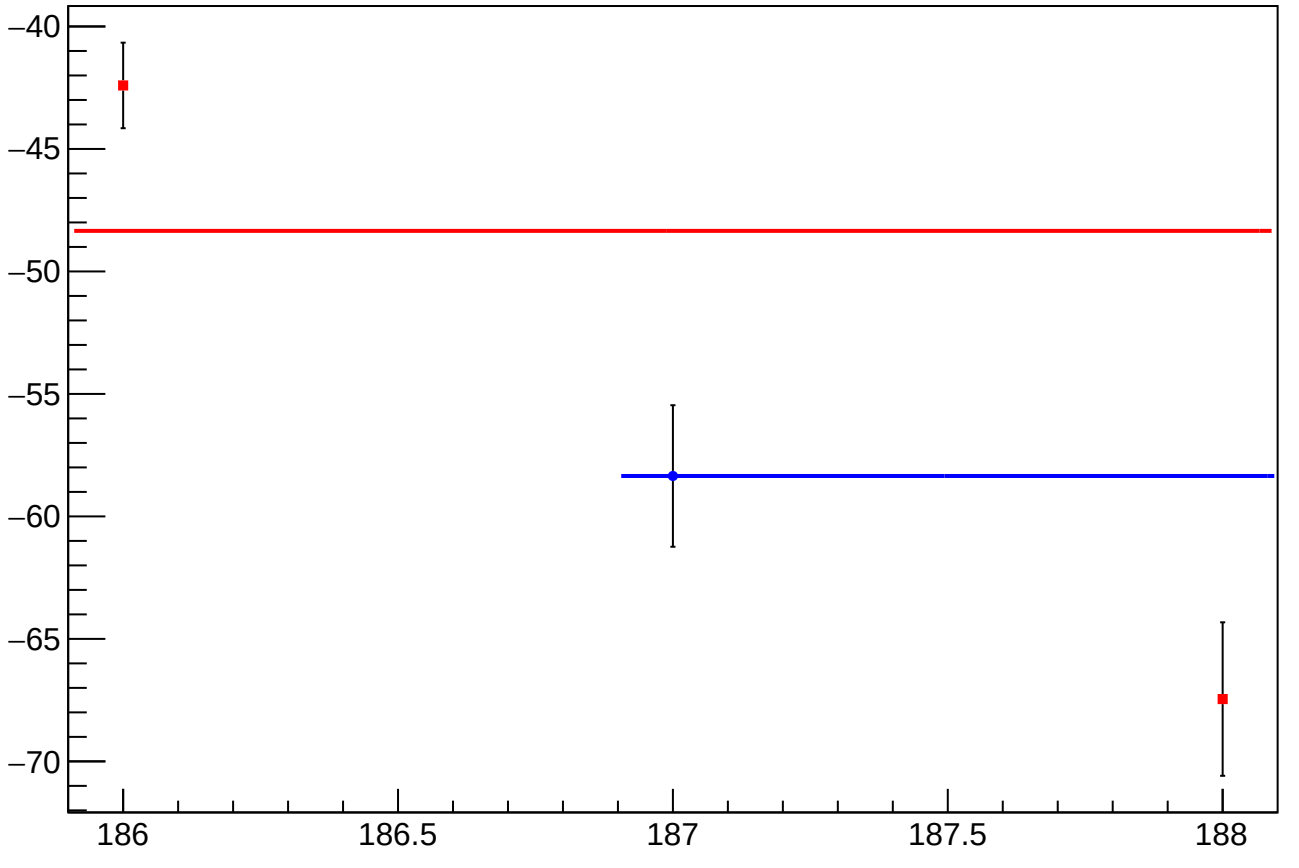
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -277.376+/-0.634 χ^2/NDF: 546.1/2

In: -288.701+/-1.190 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -277.376+/-0.634 χ^2/NDF: 546.1/2



Right In: -58.350+/-2.889 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -48.344+/-1.525 χ^2/NDF: 48.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

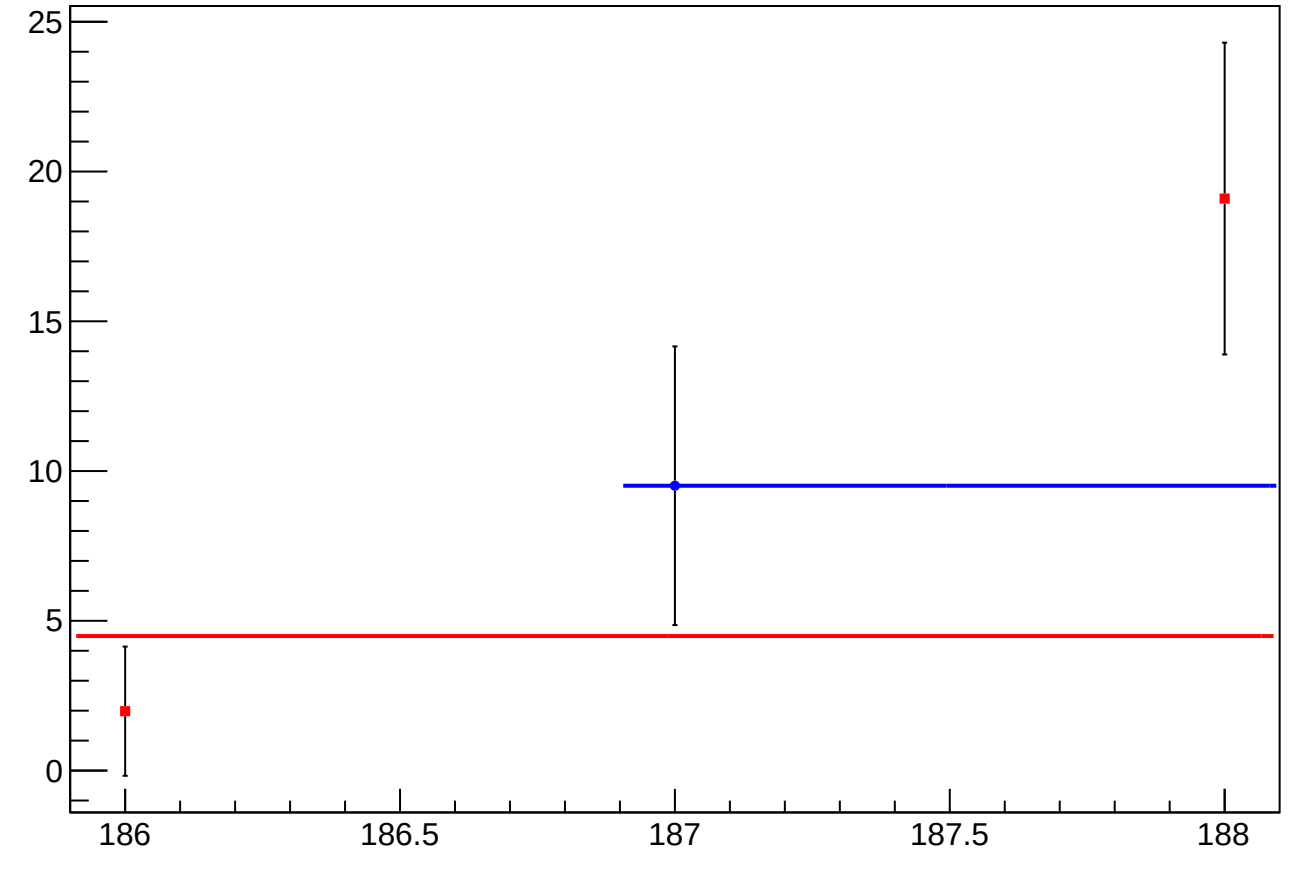
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -50.525+/-1.349 χ^2/NDF: 58.2/2

In: -58.350+/-2.889 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -50.525+/-1.349 χ^2/NDF: 58.2/2



Right In: 9.510+/-4.653 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.491+/-1.993 χ^2/NDF: 9.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

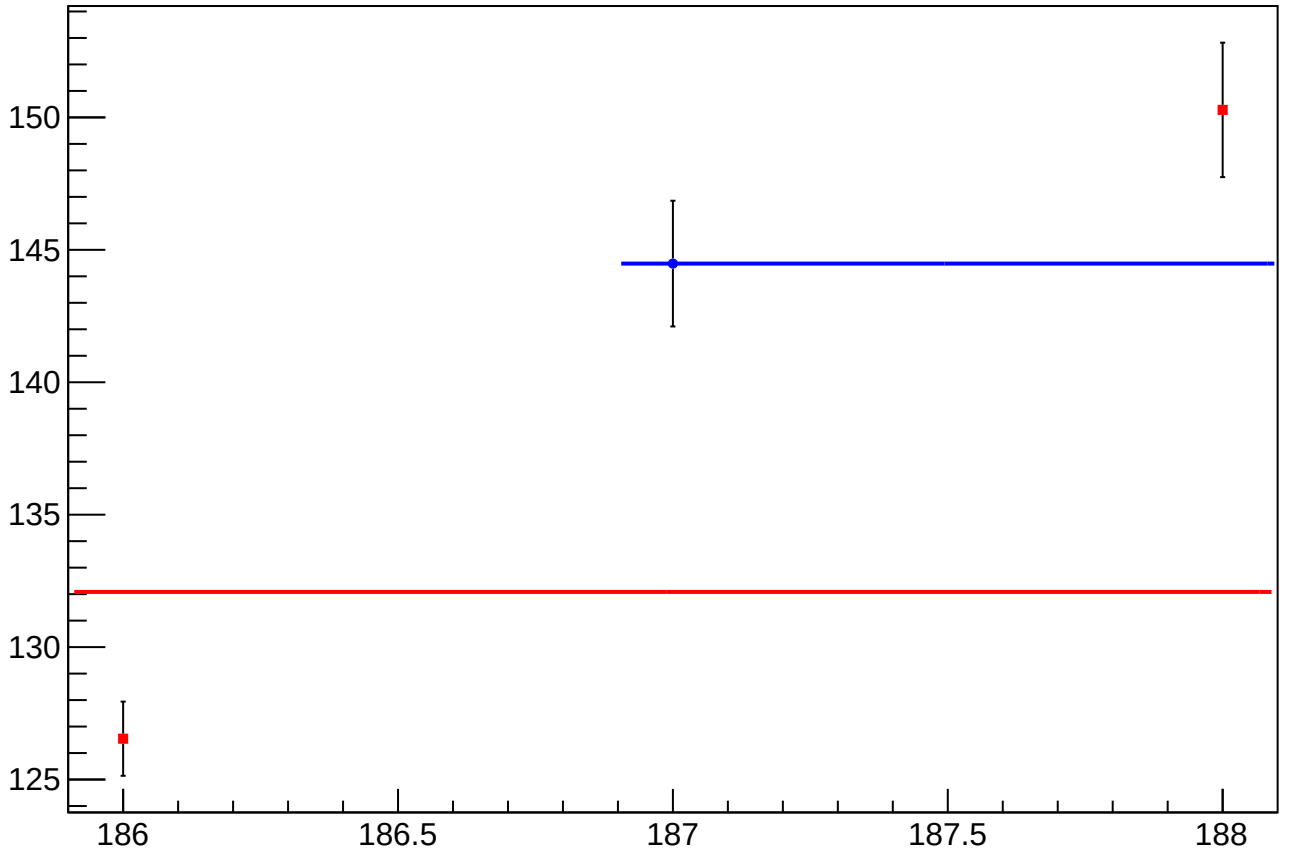
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.269+/-1.832 χ^2/NDF: 10.2/2

In: 9.510+/-4.653 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.269+/-1.832 χ^2/NDF: 10.2/2



Right In: 144.481+/-2.373 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 132.083+/-1.226 χ^2/NDF: 67.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

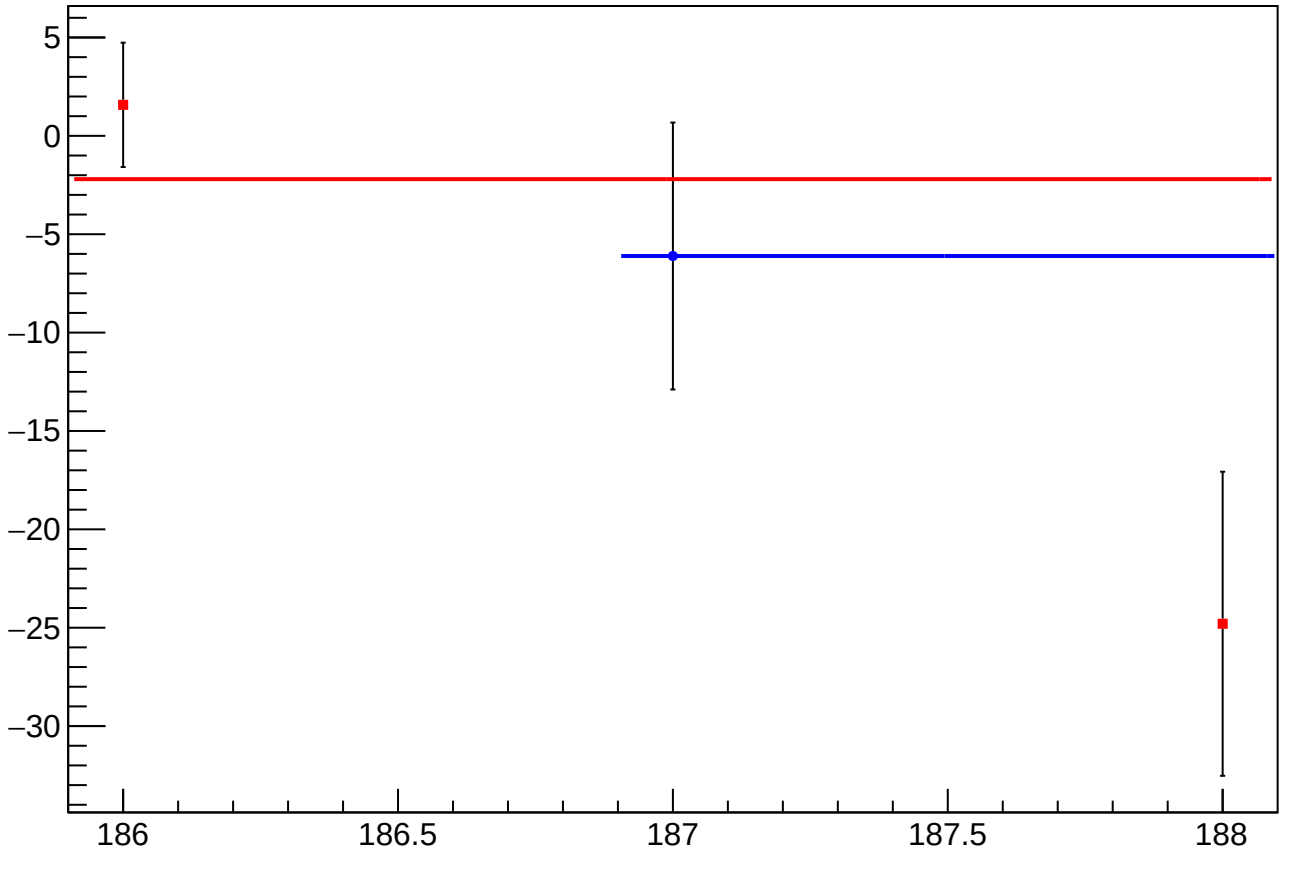
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 134.696+/-1.089 χ^2/NDF: 88.6/2

In: 144.481+/-2.373 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 134.696+/-1.089 χ^2/NDF: 88.6/2



Right In: -6.107+/-6.783 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.201+/-2.925 χ^2/NDF: 10.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

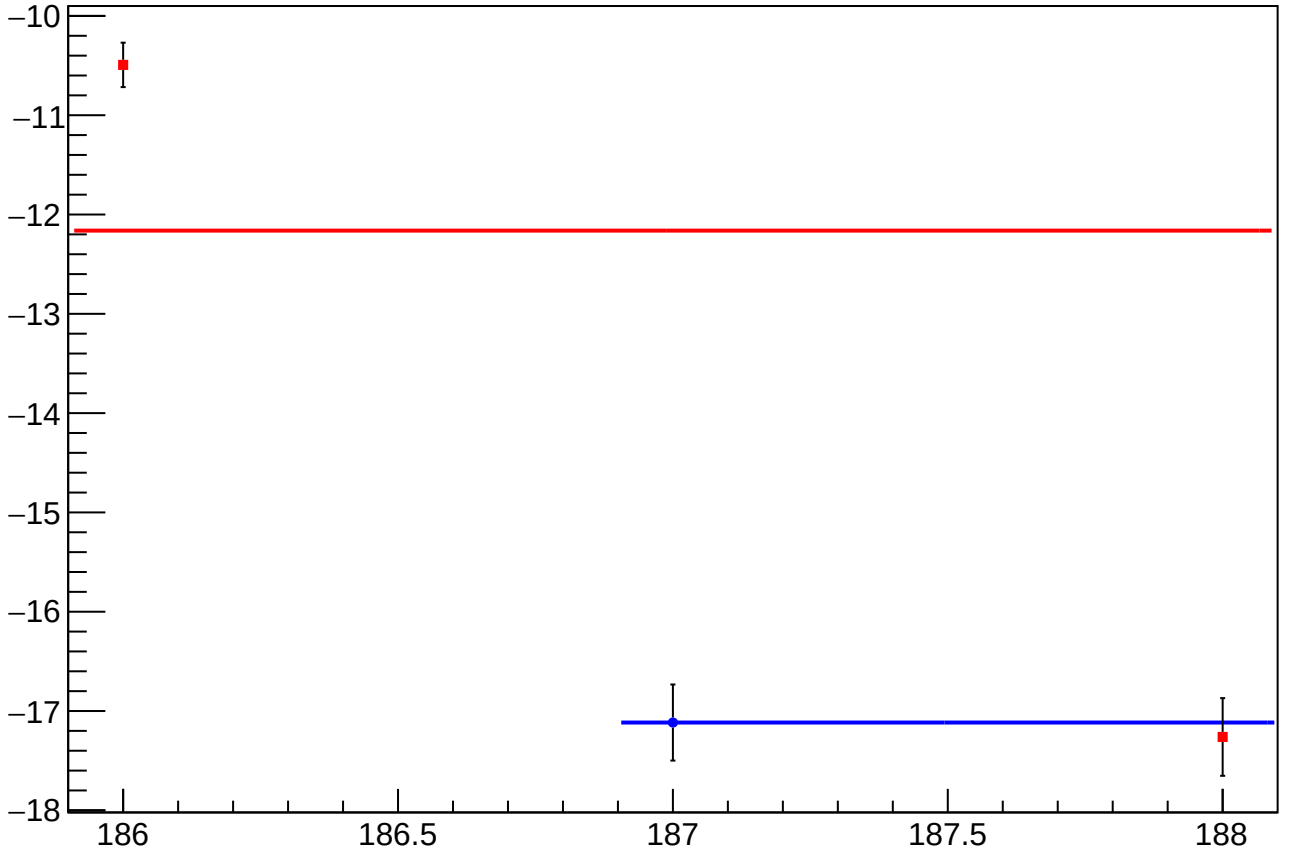
Right: -2.813+/-2.686 χ^2/NDF: 10.3/2

In: -6.107+/-6.783 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.813+/-2.686 χ^2/NDF: 10.3/2

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.116+/-0.383 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.162+/-0.194 χ^2/NDF: 225.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

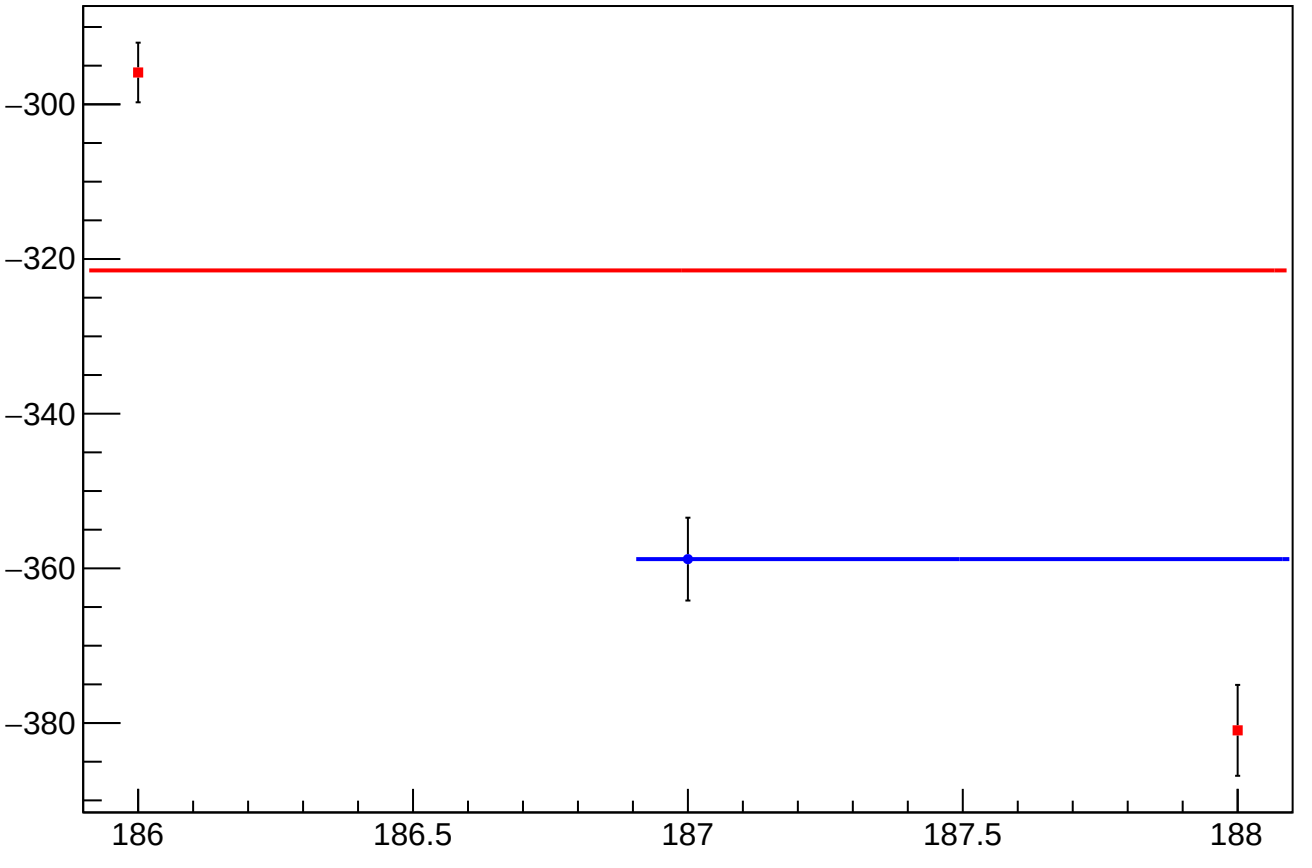
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -13.175+/-0.173 χ^2/NDF: 358.6/2

In: -17.116+/-0.383 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13.175+/-0.173 χ^2/NDF: 358.6/2



Right In: -358.804+/-5.356 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -321.476+/-3.224 χ^2/NDF: 146.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

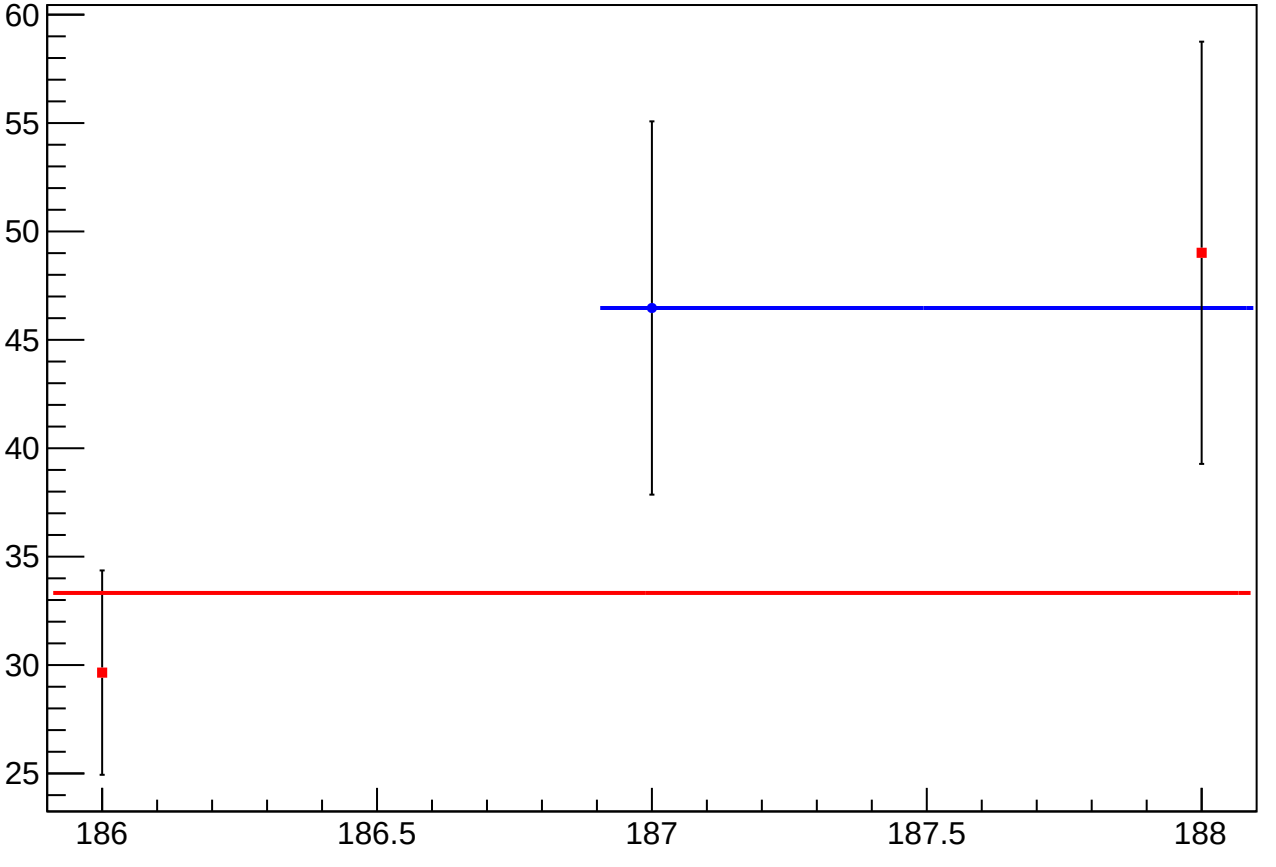
Right: -331.402+/-2.762 χ^2/NDF: 182.1/2

In: -358.804+/-5.356 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -331.402+/-2.762 χ^2/NDF: 182.1/2

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 46.469+/-8.609 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 33.326+/-4.242 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

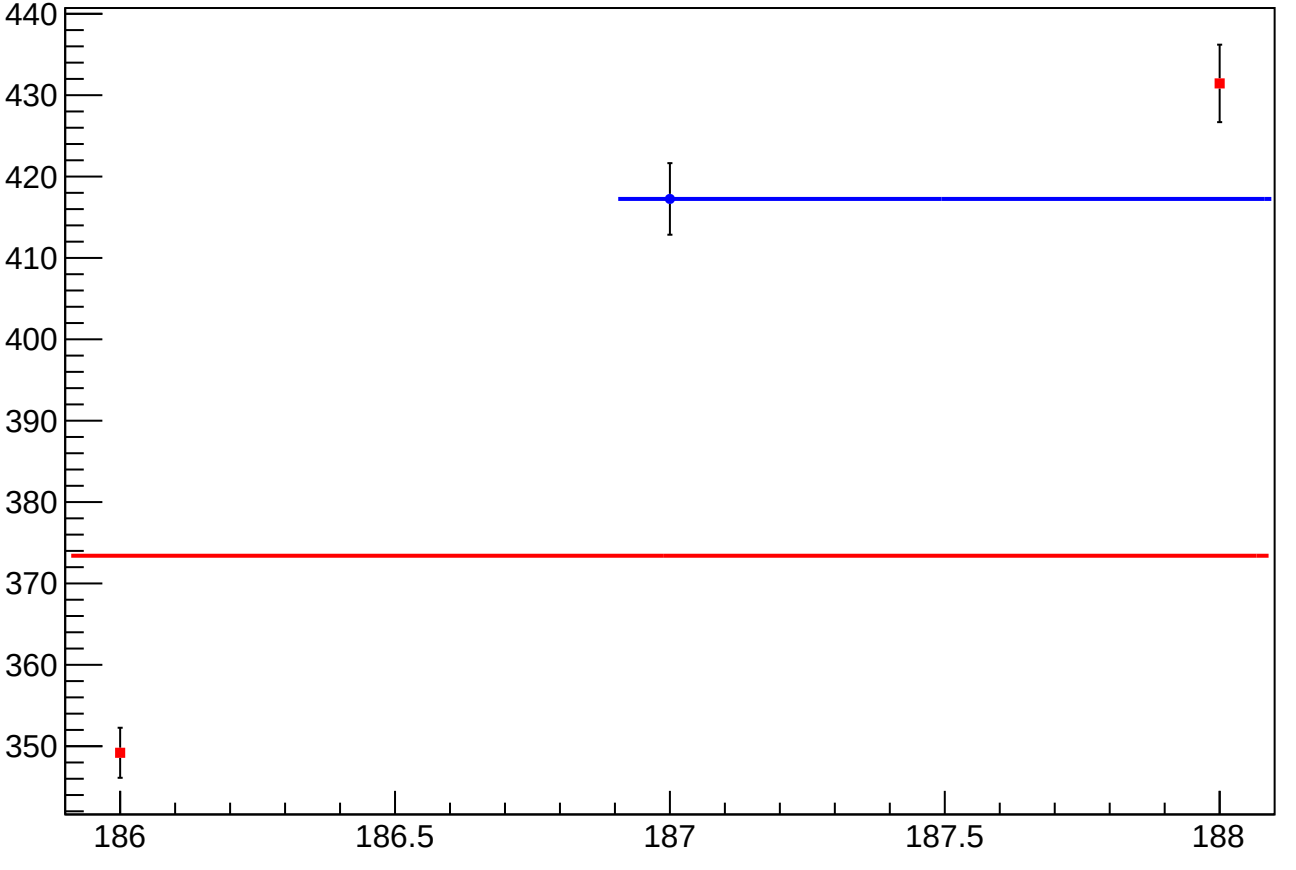
Right: 35.894+/-3.805 χ^2/NDF: 5.1/2

In: 46.469+/-8.609 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 35.894+/-3.805 χ^2/NDF: 5.1/2

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 417.251+/-4.399 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 373.405+/-2.583 χ^2/NDF: 210.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

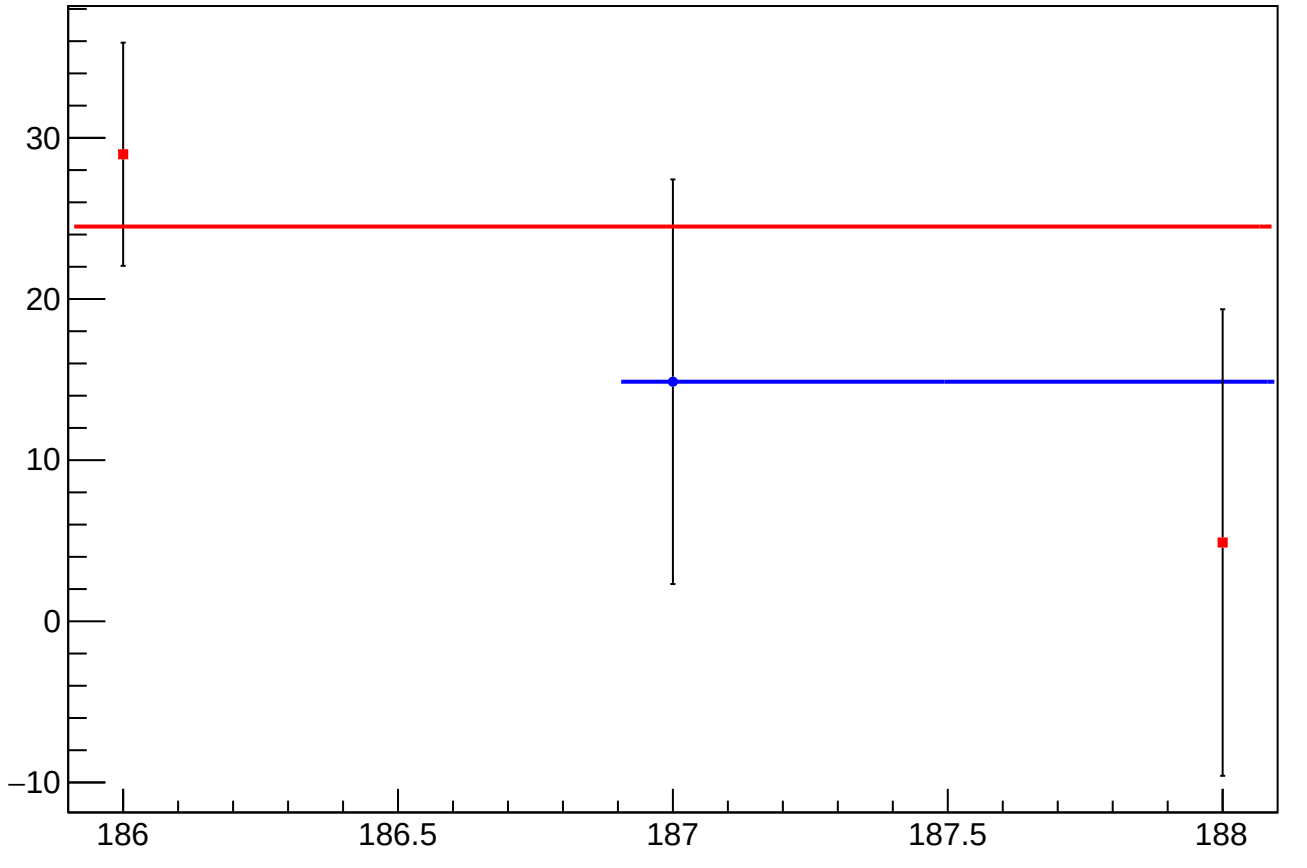
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

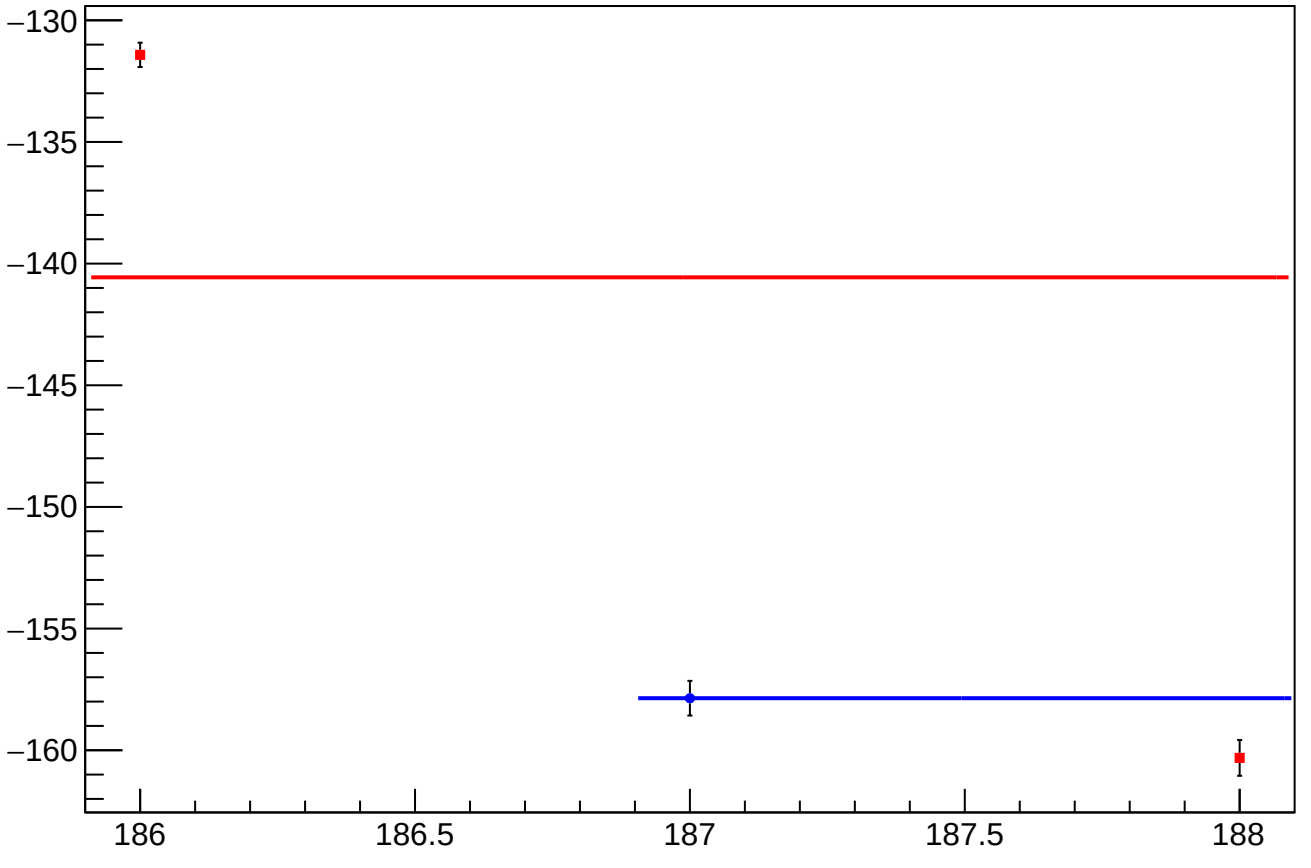
Right: 384.646+/-2.227 χ^2/NDF: 284.6/2

In: 417.251+/-4.399 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 384.646+/-2.227 χ^2/NDF: 284.6/2


reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
30
20
10
0
−10
186
186.5
187
187.5
188
Right In: 14.867+/-12.554 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 24.496+/-6.247 χ²/NDF: 2.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 22.585+/-5.593 χ²/NDF: 2.7/2
In: 14.867+/-12.554 χ²/NDF:0.0/0
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 22.585+/-5.593 χ²/NDF: 2.7/2



Right In: -157.861+/-0.712 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -140.564+/-0.414 χ^2/NDF: 1053.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

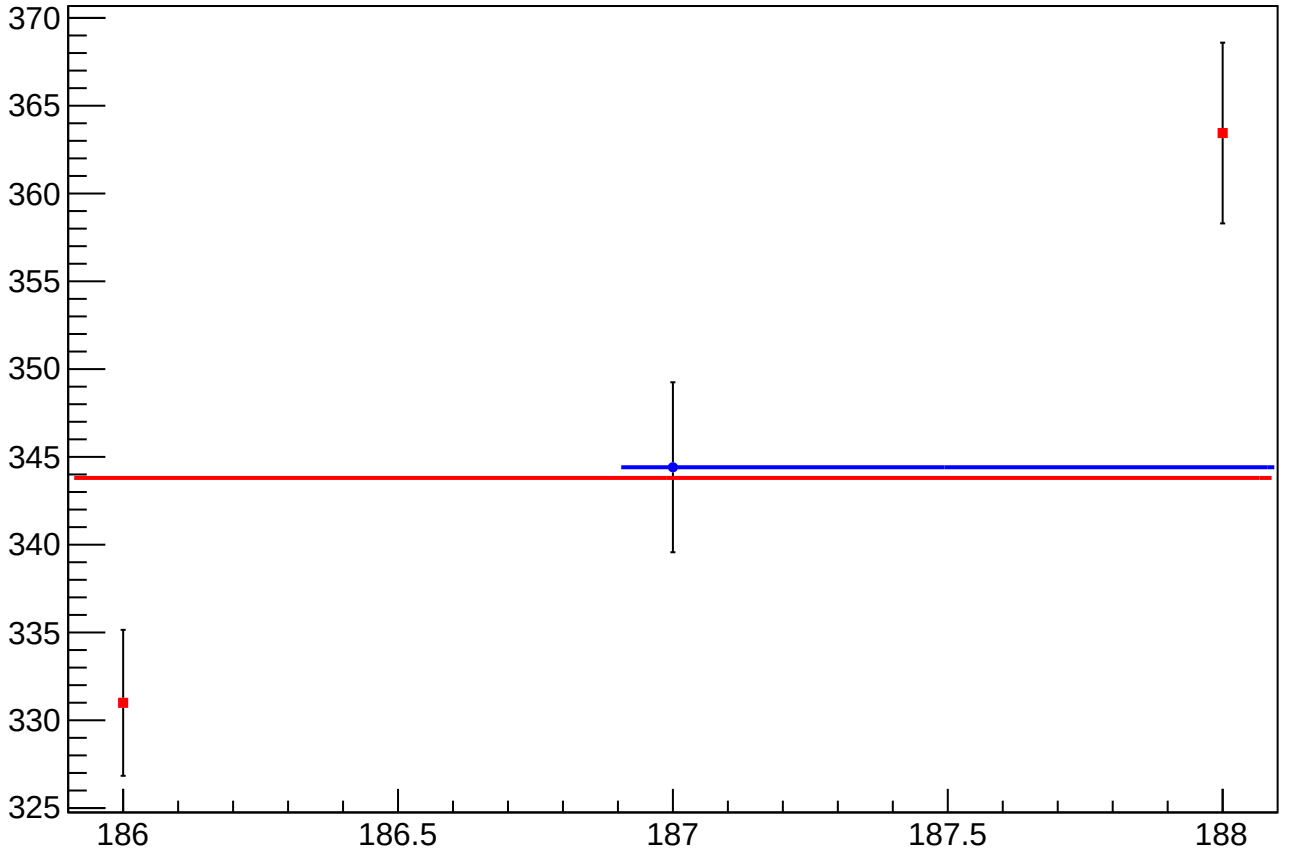
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -144.930+/-0.358 χ^2/NDF: 1494.3/2

In: -157.861+/-0.712 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -144.930+/-0.358 χ^2/NDF: 1494.3/2



Right In: 344.410+/-4.840 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 343.802+/-3.233 χ^2/NDF: 24.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

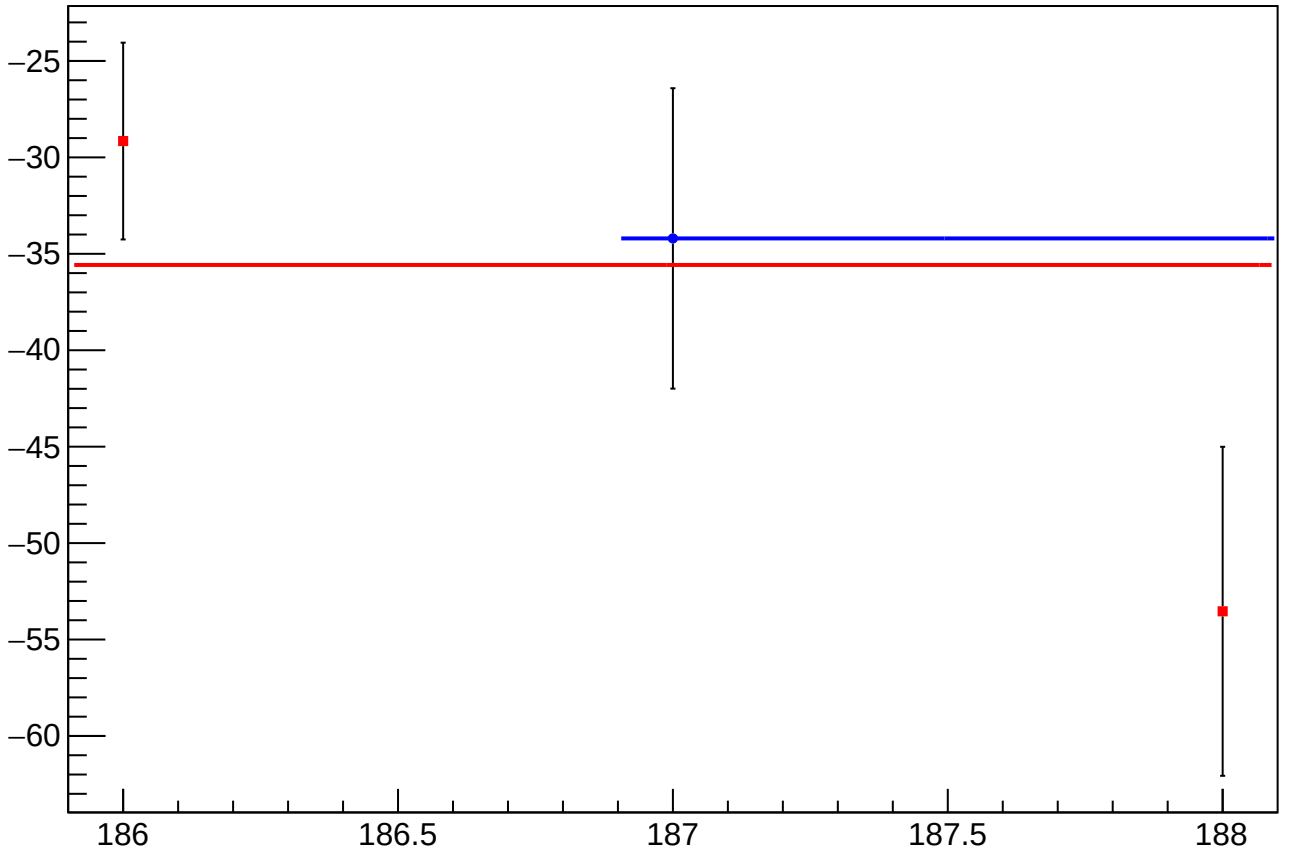
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 343.990+/-2.689 χ^2/NDF: 24.1/2

In: 344.410+/-4.840 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 343.990+/-2.689 χ^2/NDF: 24.1/2



Right In: -34.202+/-7.789 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -35.578+/-4.378 χ^2/NDF: 6.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

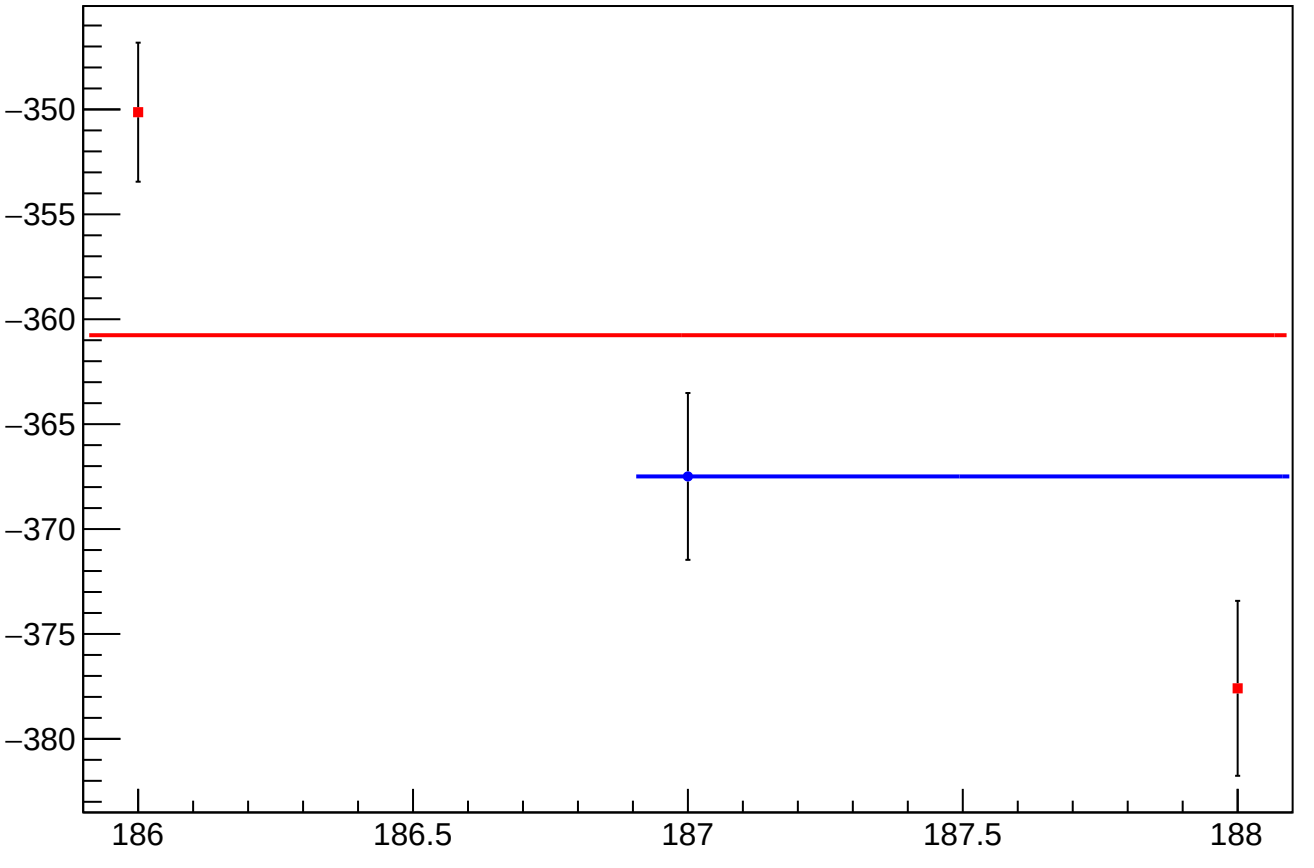
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -35.247+/-3.817 χ^2/NDF: 6.0/2

In: -34.202+/-7.789 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -35.247+/-3.817 χ^2/NDF: 6.0/2



Right In: -367.492+/-3.976 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -360.761+/-2.594 χ^2/NDF: 26.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

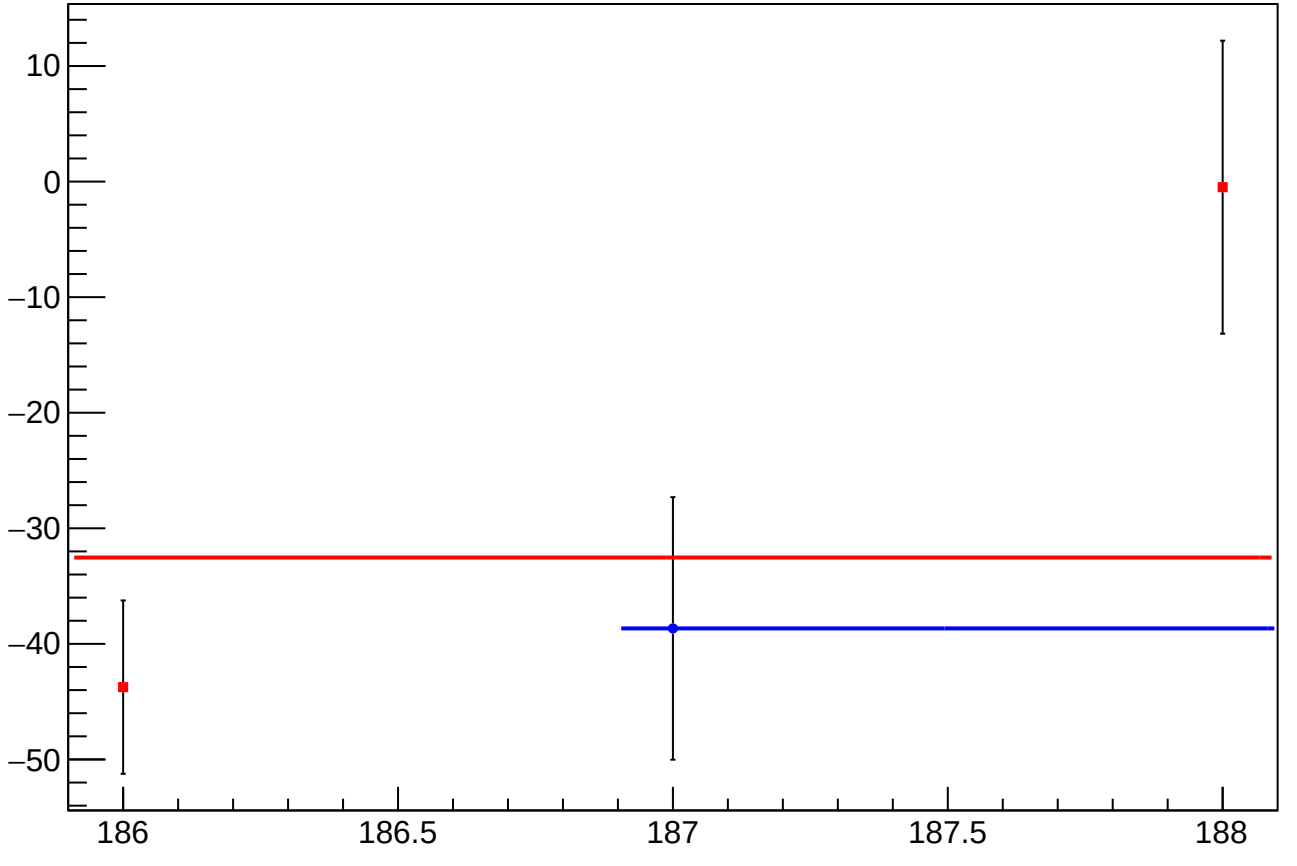
Right: -362.771+/-2.172 χ^2/NDF: 28.6/2

In: -367.492+/-3.976 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -362.771+/-2.172 χ^2/NDF: 28.6/2

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.664+/-11.357 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.529+/-6.455 χ^2/NDF: 8.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

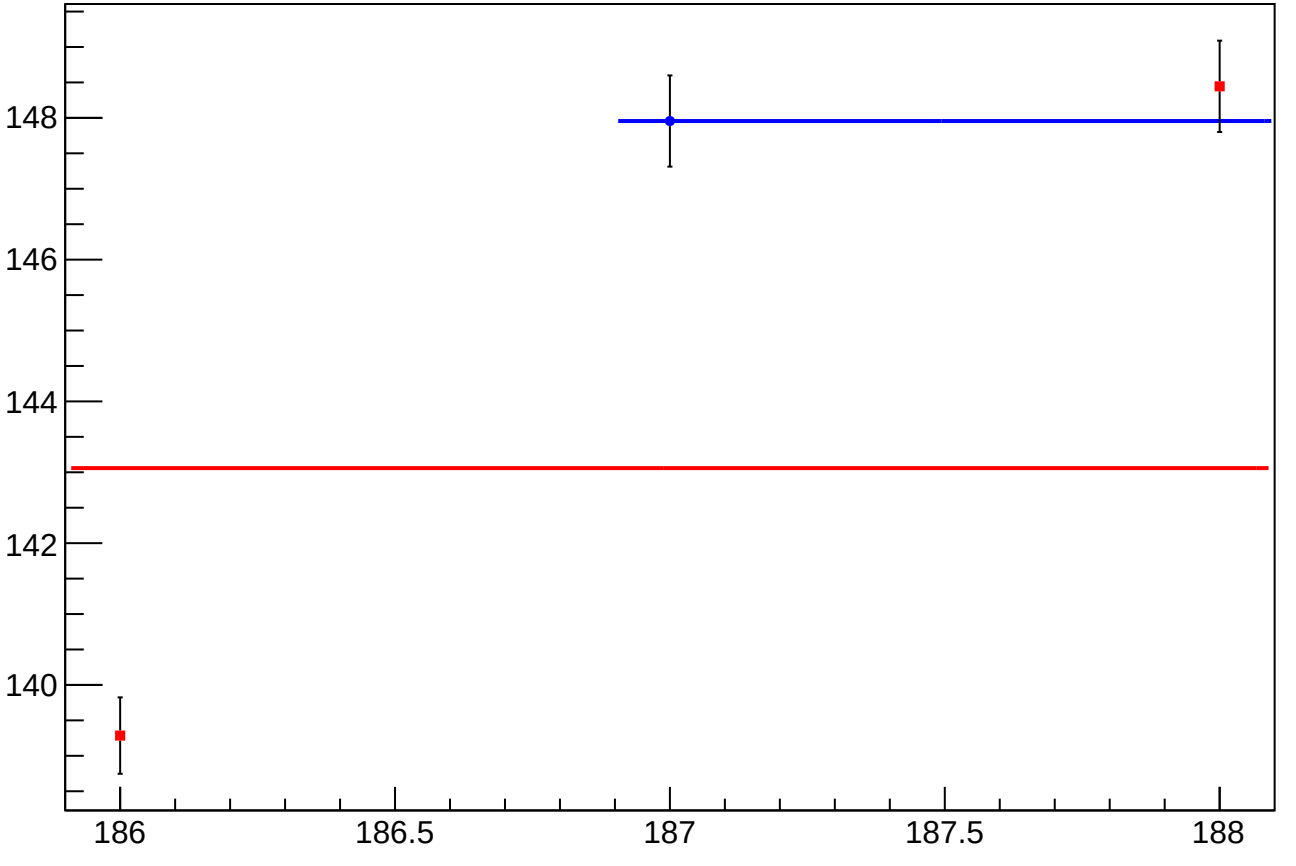
Right: -34.027+/-5.612 χ^2/NDF: 8.8/2

In: -38.664+/-11.357 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.027+/-5.612 χ^2/NDF: 8.8/2

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 147.956+/-0.643 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 143.059+/-0.413 χ^2/NDF: 118.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

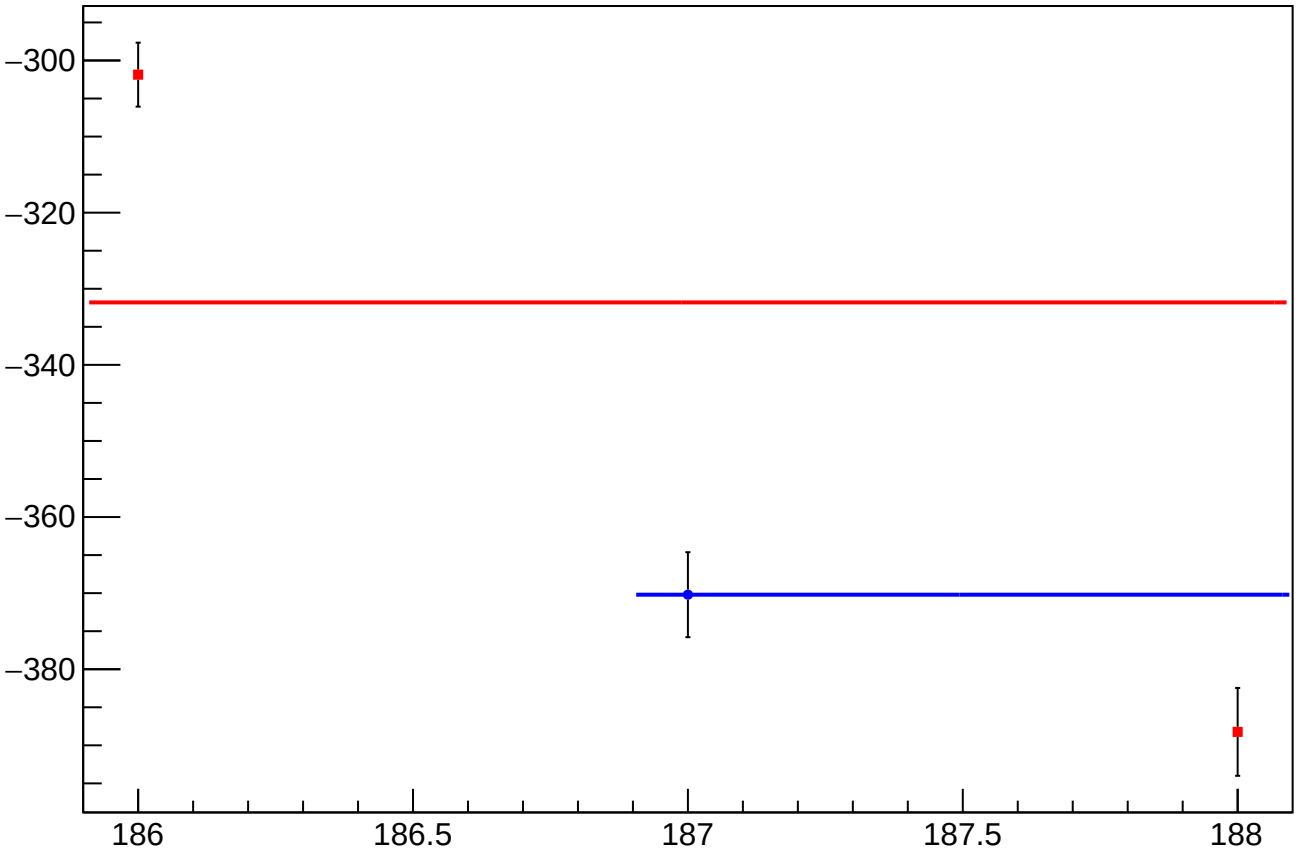
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 144.490+/-0.348 χ^2/NDF: 159.9/2

In: 147.956+/-0.643 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 144.490+/-0.348 χ^2/NDF: 159.9/2



Right In: -370.205+/-5.584 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -331.794+/-3.398 χ^2/NDF: 146.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

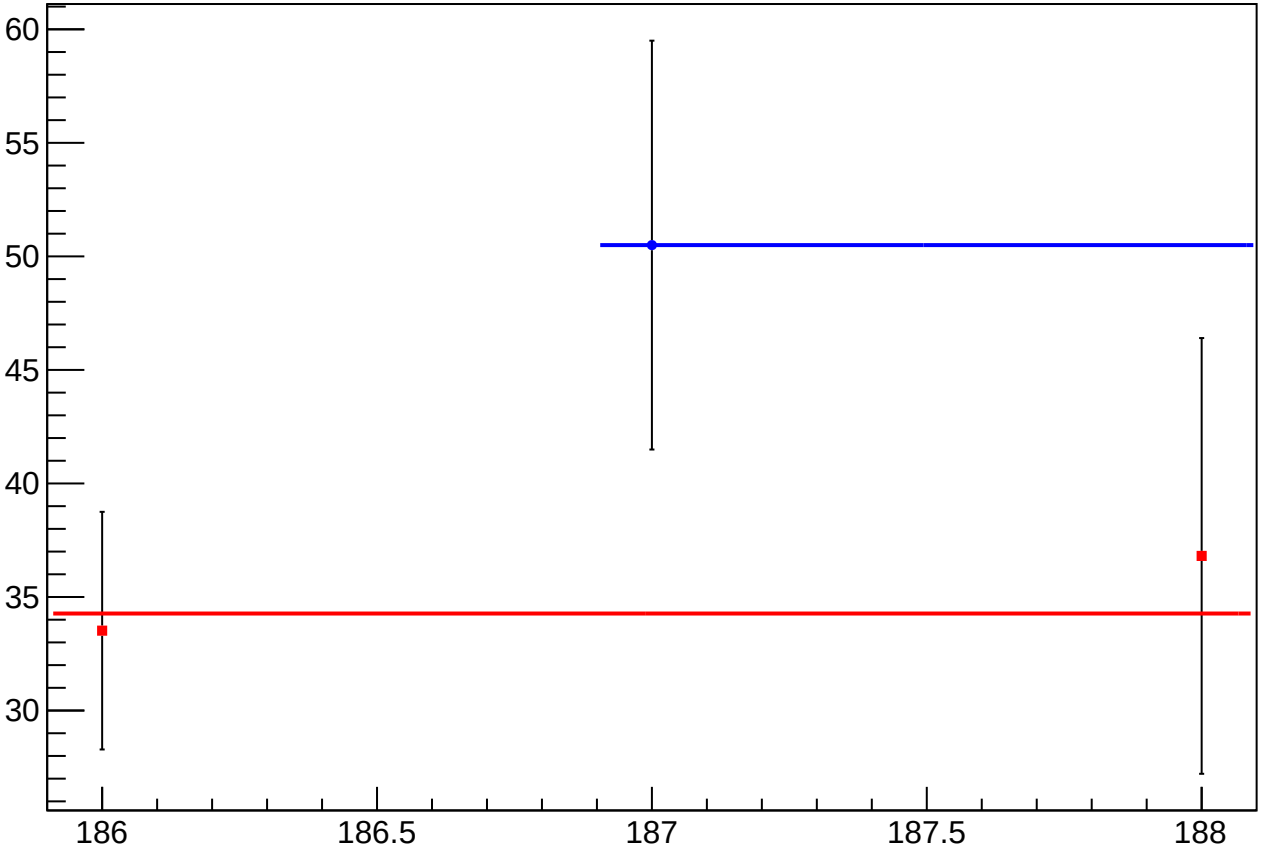
Right: -342.175+/-2.903 χ^2/NDF: 180.8/2

In: -370.205+/-5.584 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -342.175+/-2.903 χ^2/NDF: 180.8/2

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 50.497+/-9.003 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.272+/-4.594 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

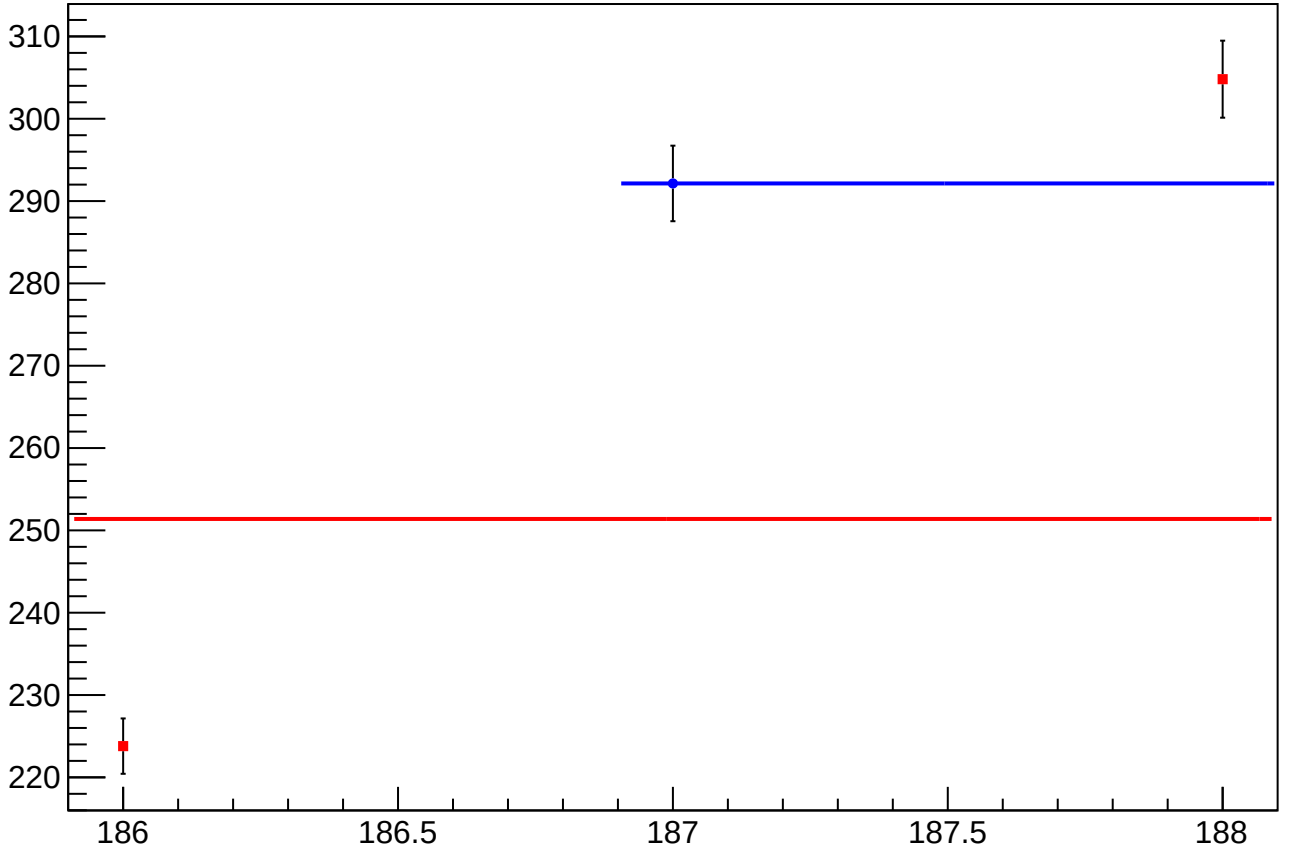
Right: 37.624+/-4.092 χ^2/NDF: 2.7/2

In: 50.497+/-9.003 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 37.624+/-4.092 χ^2/NDF: 2.7/2

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 292.142+/-4.589 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 251.387+/-2.730 χ^2/NDF: 197.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

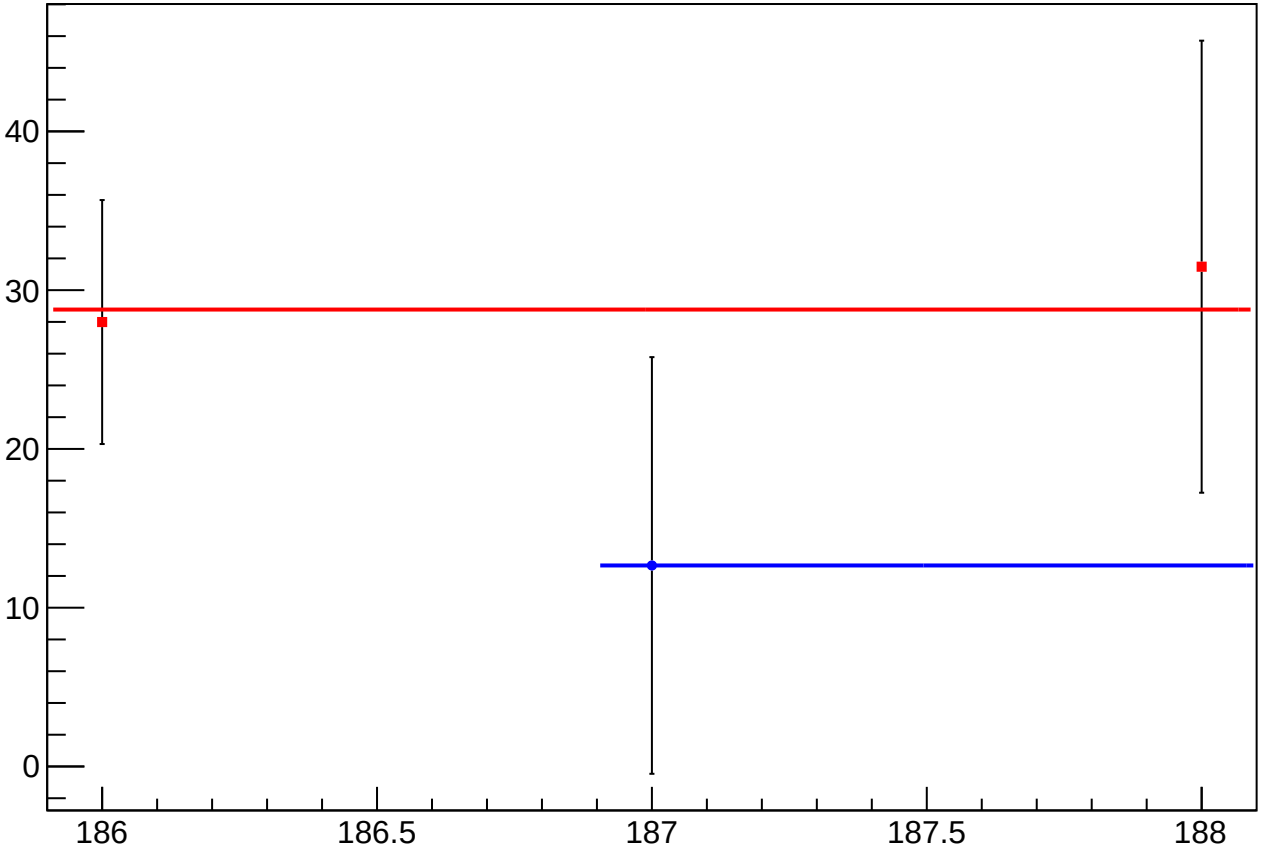
Right: 262.042+/-2.346 χ^2/NDF: 256.0/2

In: 292.142+/-4.589 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 262.042+/-2.346 χ^2/NDF: 256.0/2

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.660+/-13.122 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 28.778+/-6.761 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

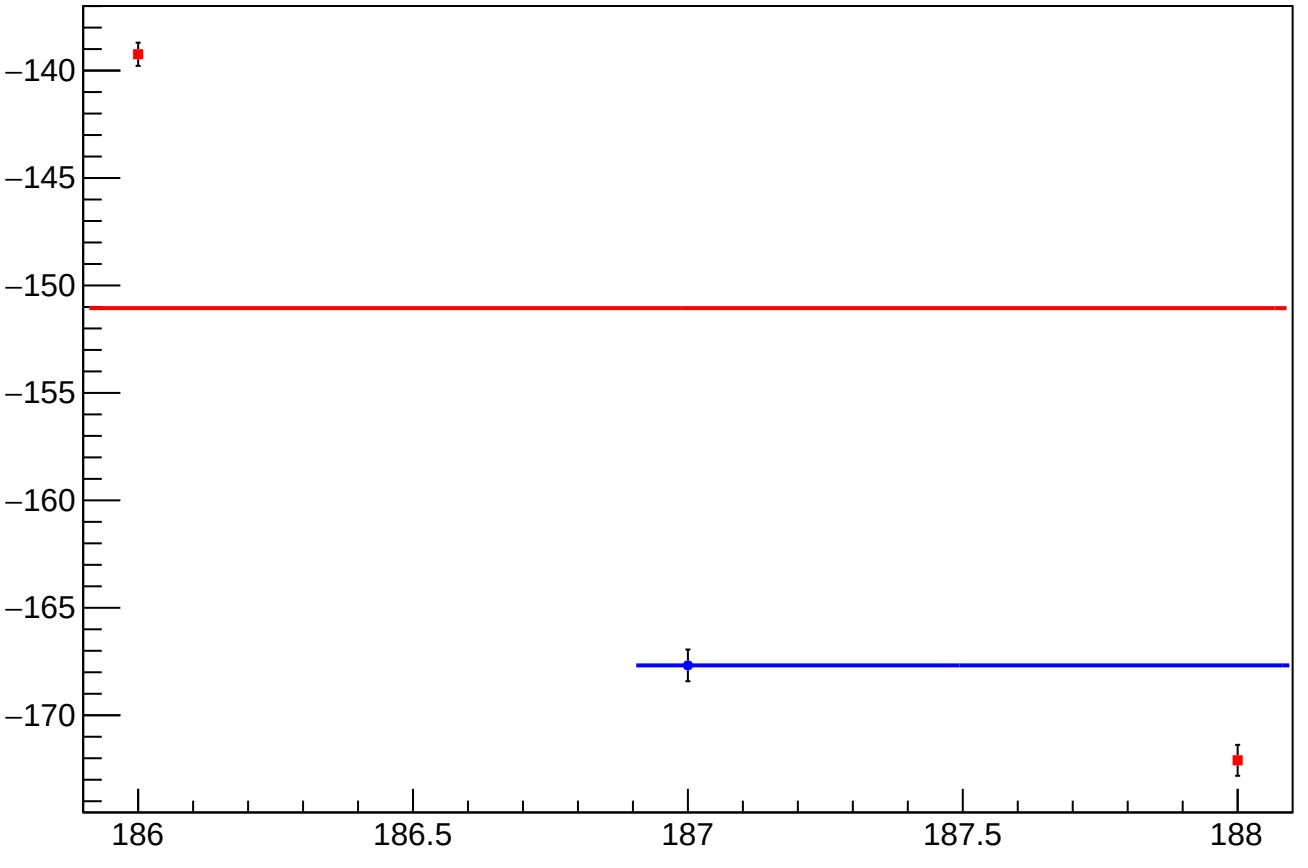
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 25.396+/-6.010 χ^2/NDF: 1.2/2

In: 12.660+/-13.122 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.396+/-6.010 χ^2/NDF: 1.2/2



Right In: -167.679+/-0.739 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -151.054+/-0.432 χ^2/NDF: 1333.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

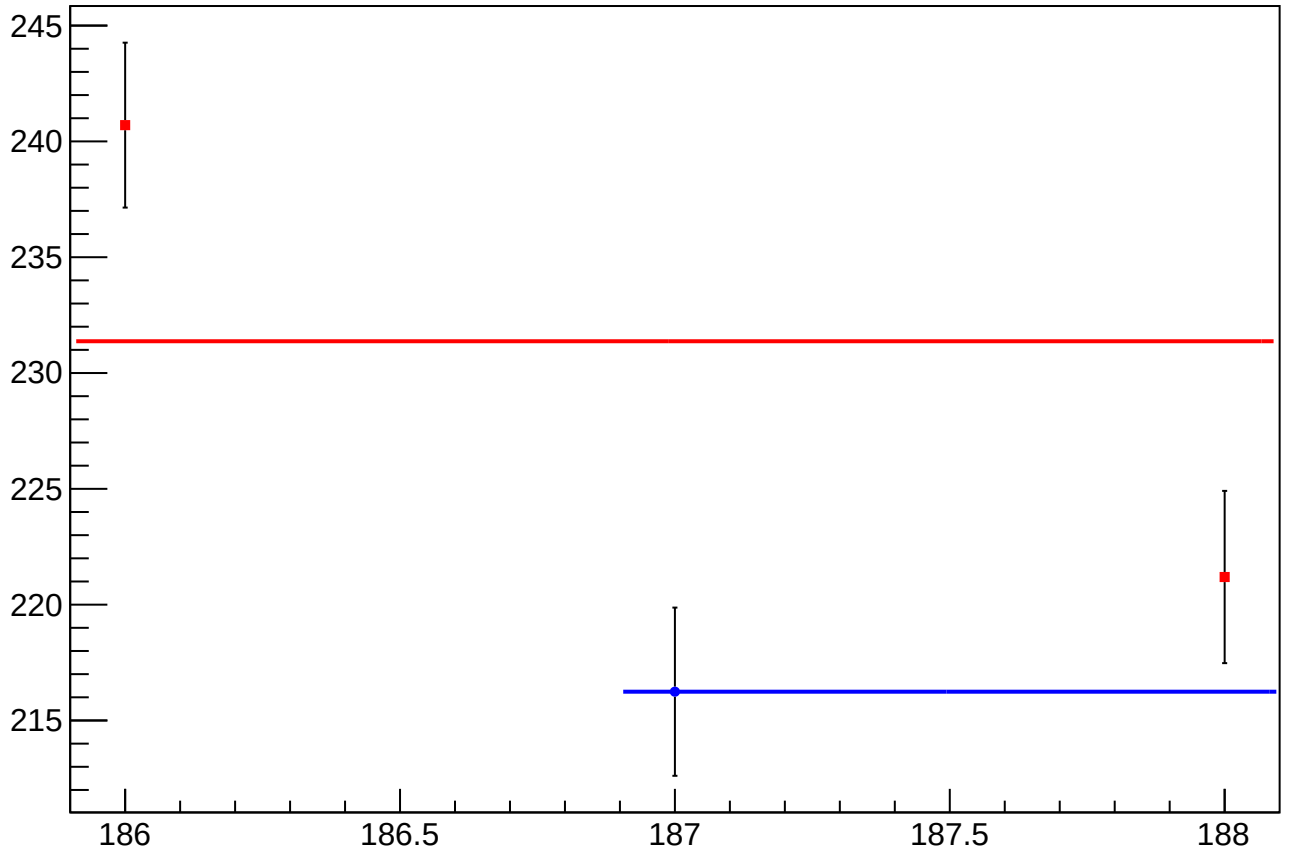
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -155.284+/-0.373 χ^2/NDF: 1710.8/2

In: -167.679+/-0.739 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -155.284+/-0.373 χ^2/NDF: 1710.8/2



Right In: 216.242+/-3.631 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 231.372+/-2.571 χ^2/NDF: 14.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

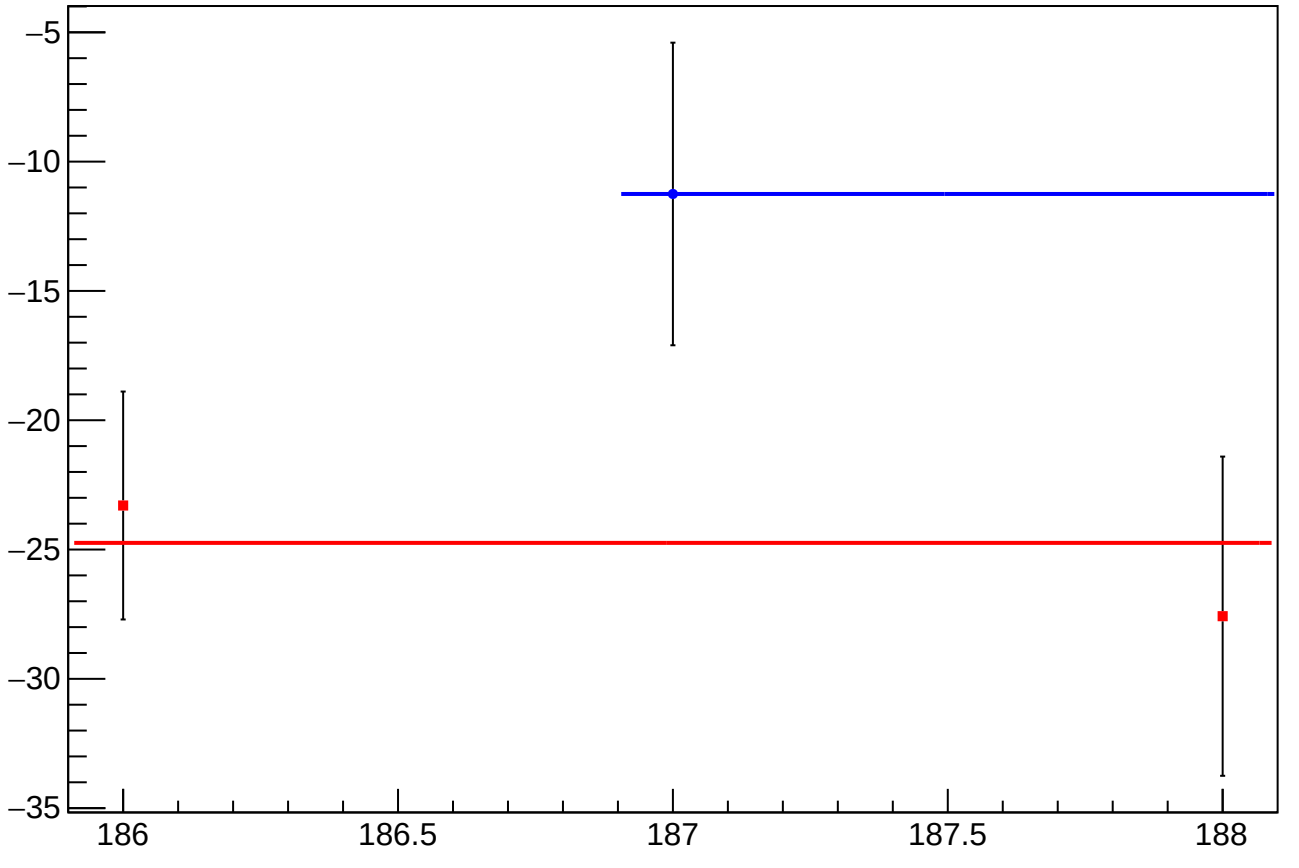
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 226.318+/-2.098 χ^2/NDF: 25.9/2

In: 216.242+/-3.631 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 226.318+/-2.098 χ^2/NDF: 25.9/2



Right In: -11.251+/-5.851 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -24.743+/-3.586 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

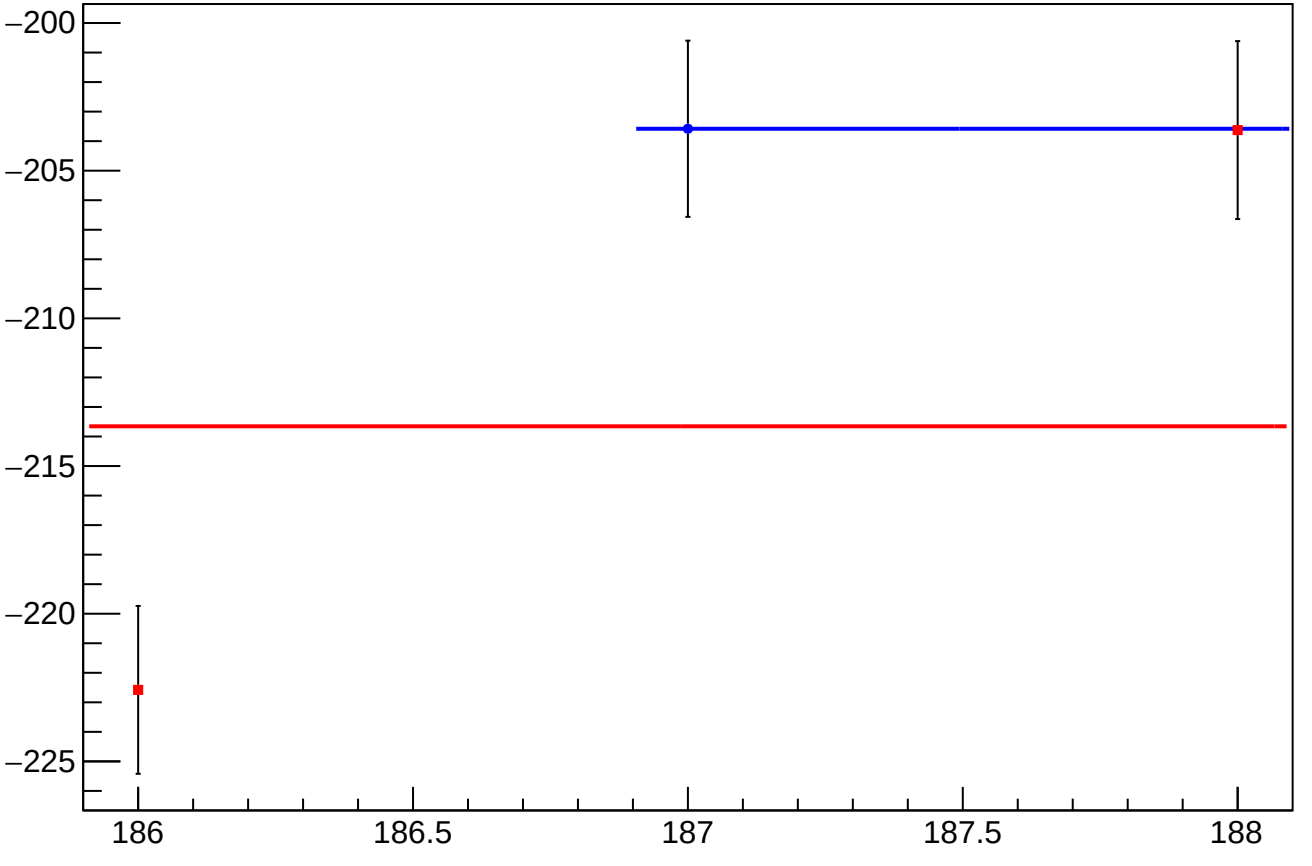
Right: -21.058+/-3.058 χ^2/NDF: 4.2/2

In: -11.251+/-5.851 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -21.058+/-3.058 χ^2/NDF: 4.2/2

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -203.581+/-2.983 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -213.655+/-2.067 χ^2/NDF: 20.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

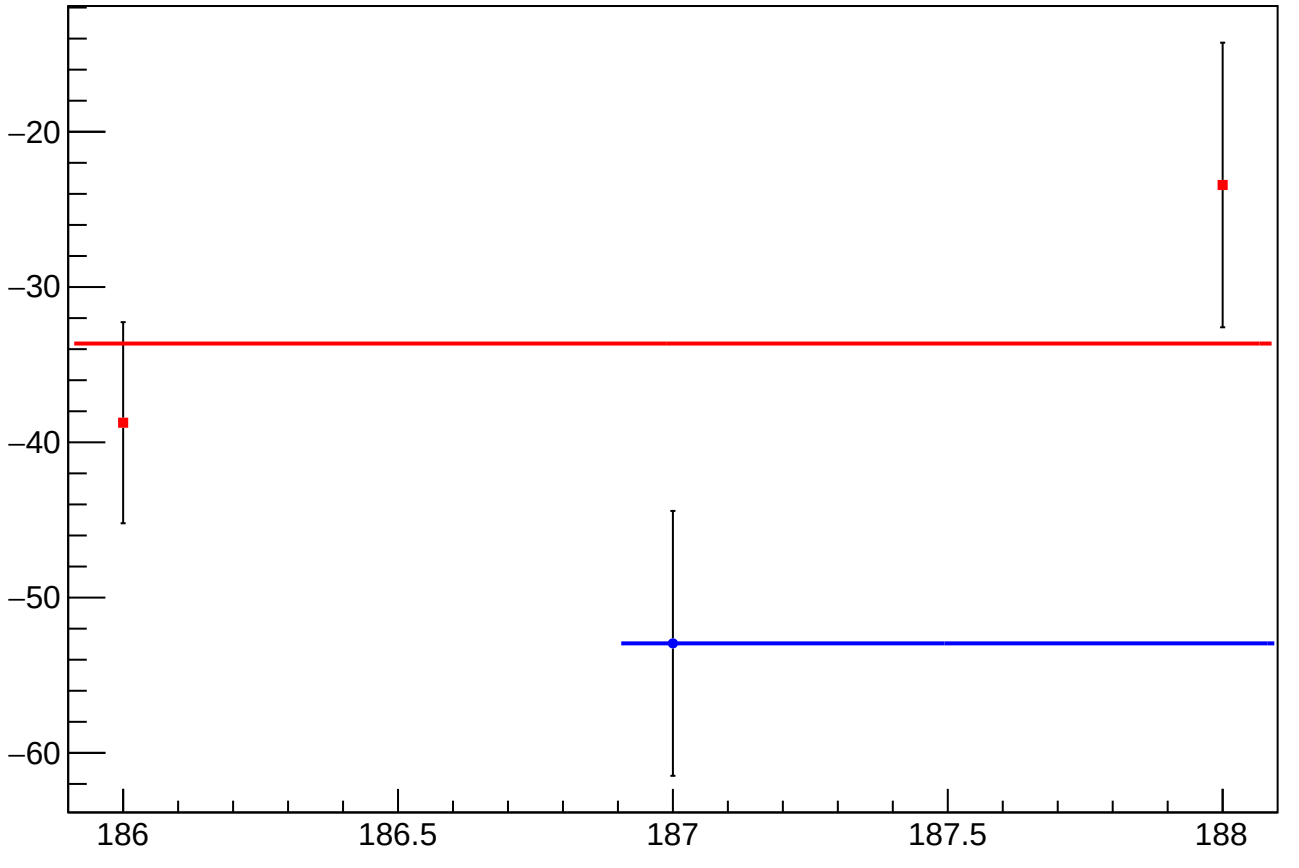
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -210.387+/-1.699 χ^2/NDF: 28.6/2

In: -203.581+/-2.983 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -210.387+/-1.699 χ^2/NDF: 28.6/2



Right In: -52.948+/-8.529 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -33.638+/-5.289 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

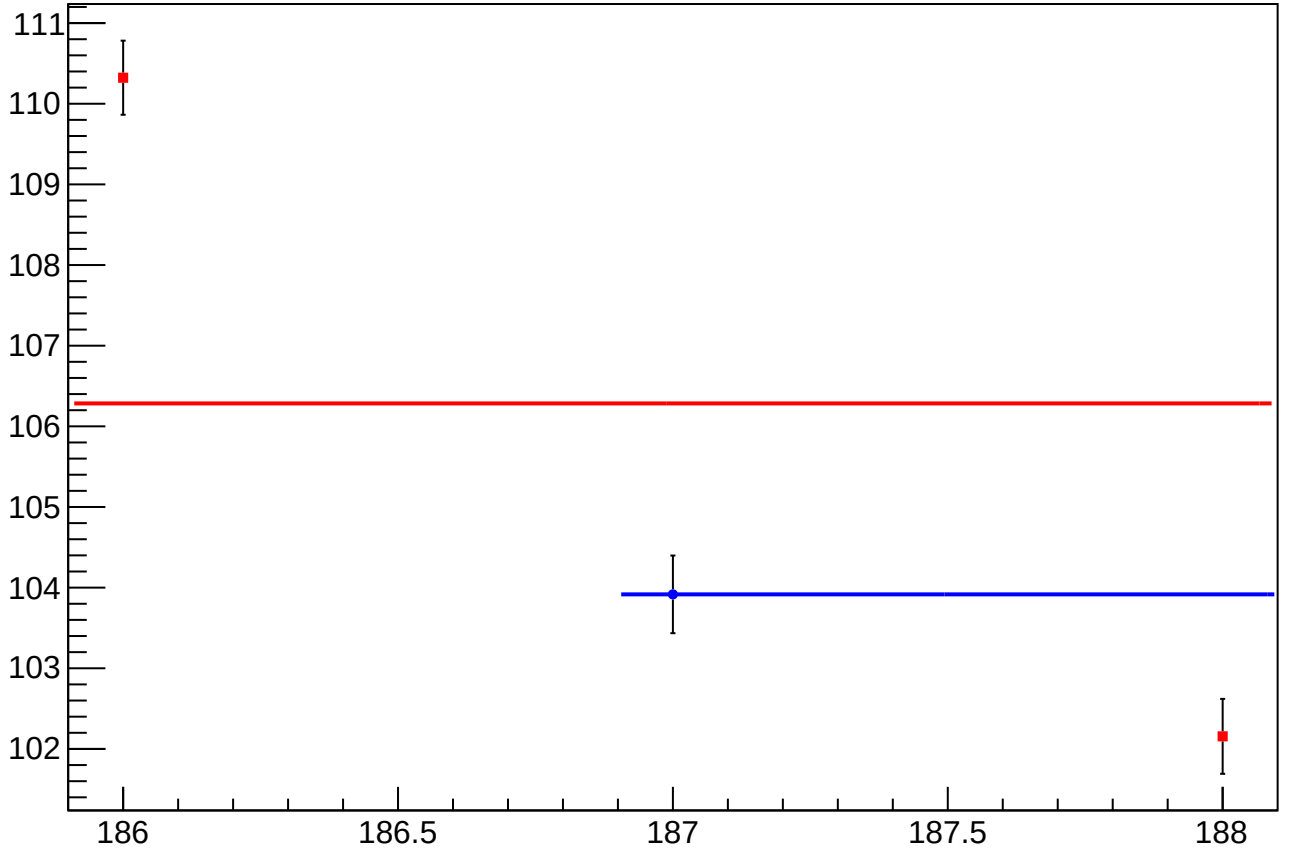
Right: -39.002+/-4.495 χ^2/NDF: 5.6/2

In: -52.948+/-8.529 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -39.002+/-4.495 χ^2/NDF: 5.6/2

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.917+/-0.481 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 106.284+/-0.327 χ^2/NDF: 156.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

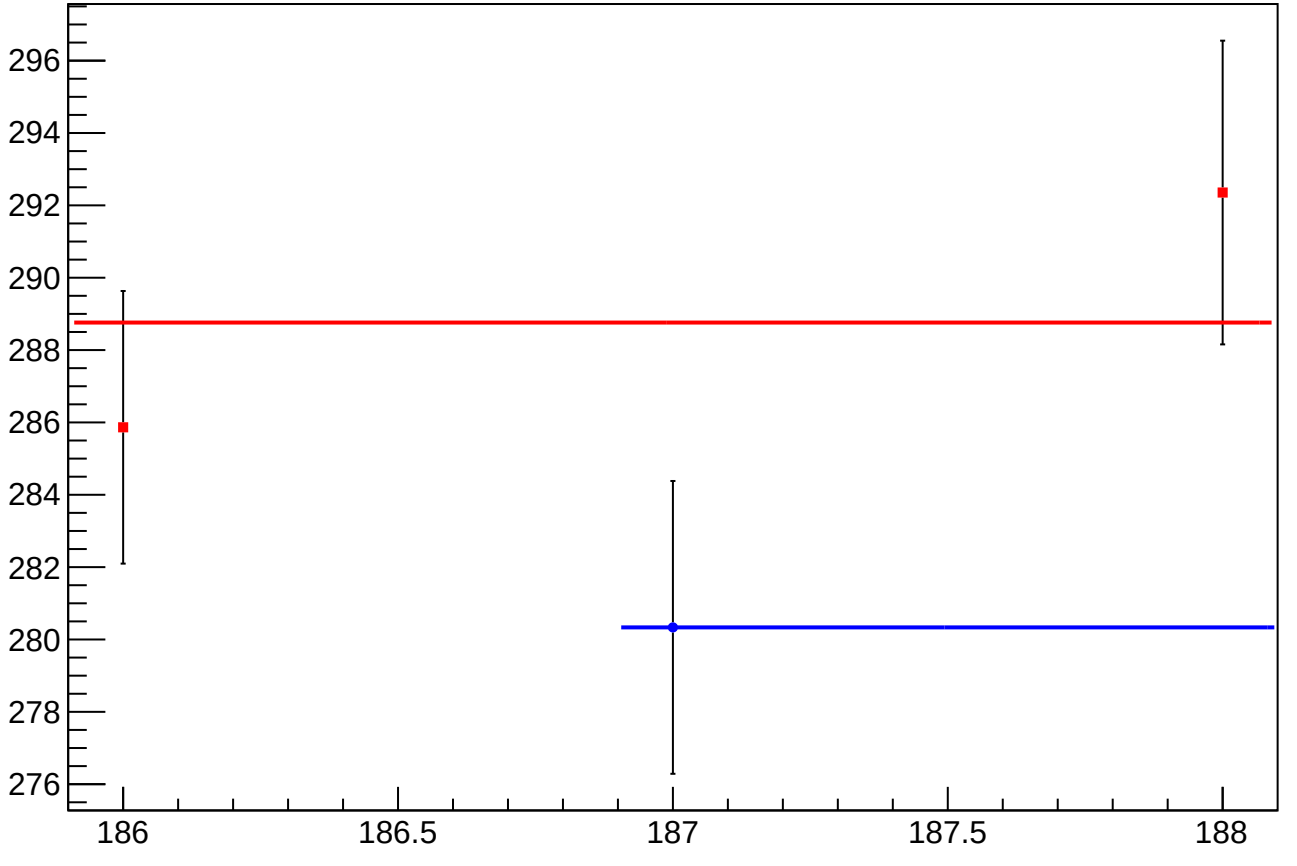
Right: 105.538+/-0.270 χ^2/NDF: 172.8/2

In: 103.917+/-0.481 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 105.538+/-0.270 χ^2/NDF: 172.8/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 280.334+/-4.047 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 288.761+/-2.804 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

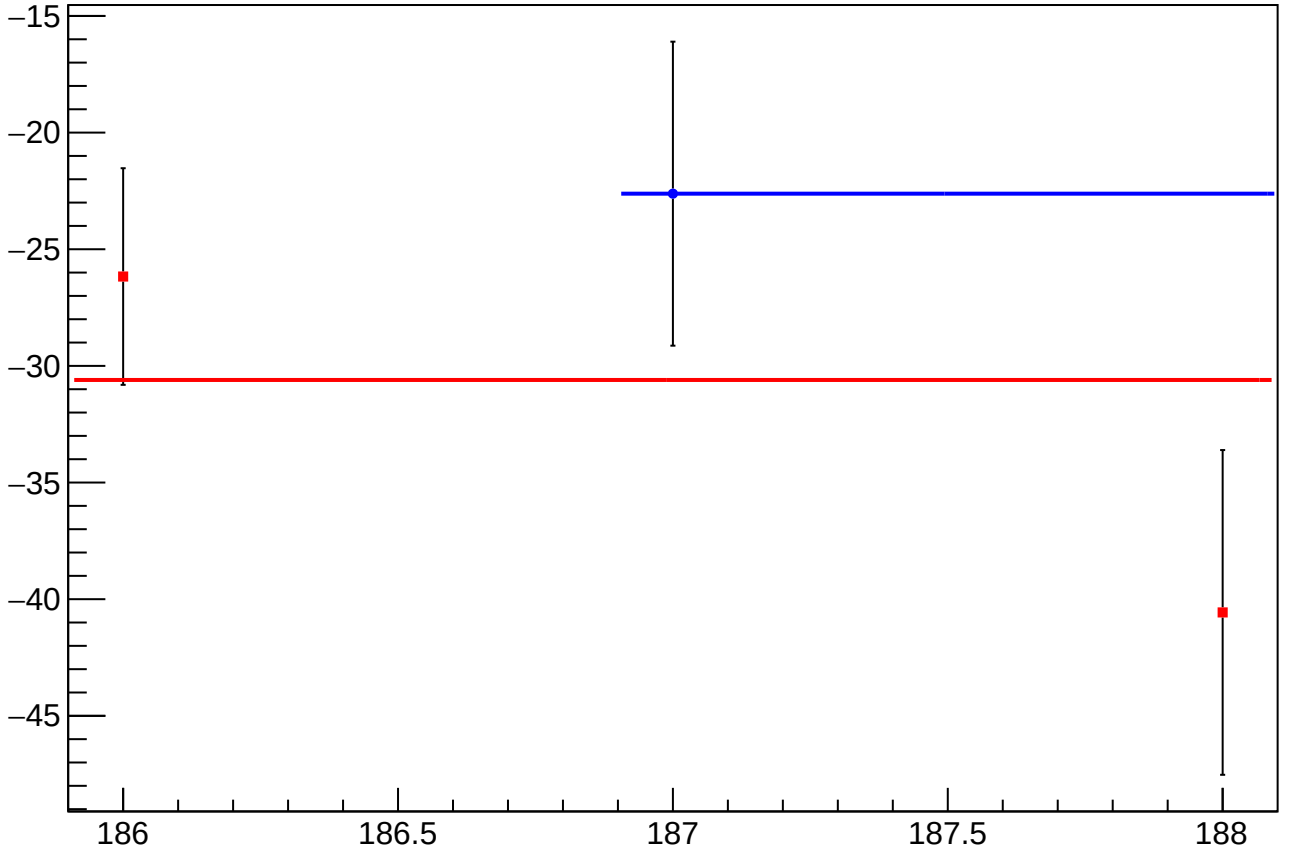
Right: 286.027+/-2.305 χ^2/NDF: 4.3/2

In: 280.334+/-4.047 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 286.027+/-2.305 χ^2/NDF: 4.3/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.618+/-6.515 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -30.603+/-3.862 χ^2/NDF: 3.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

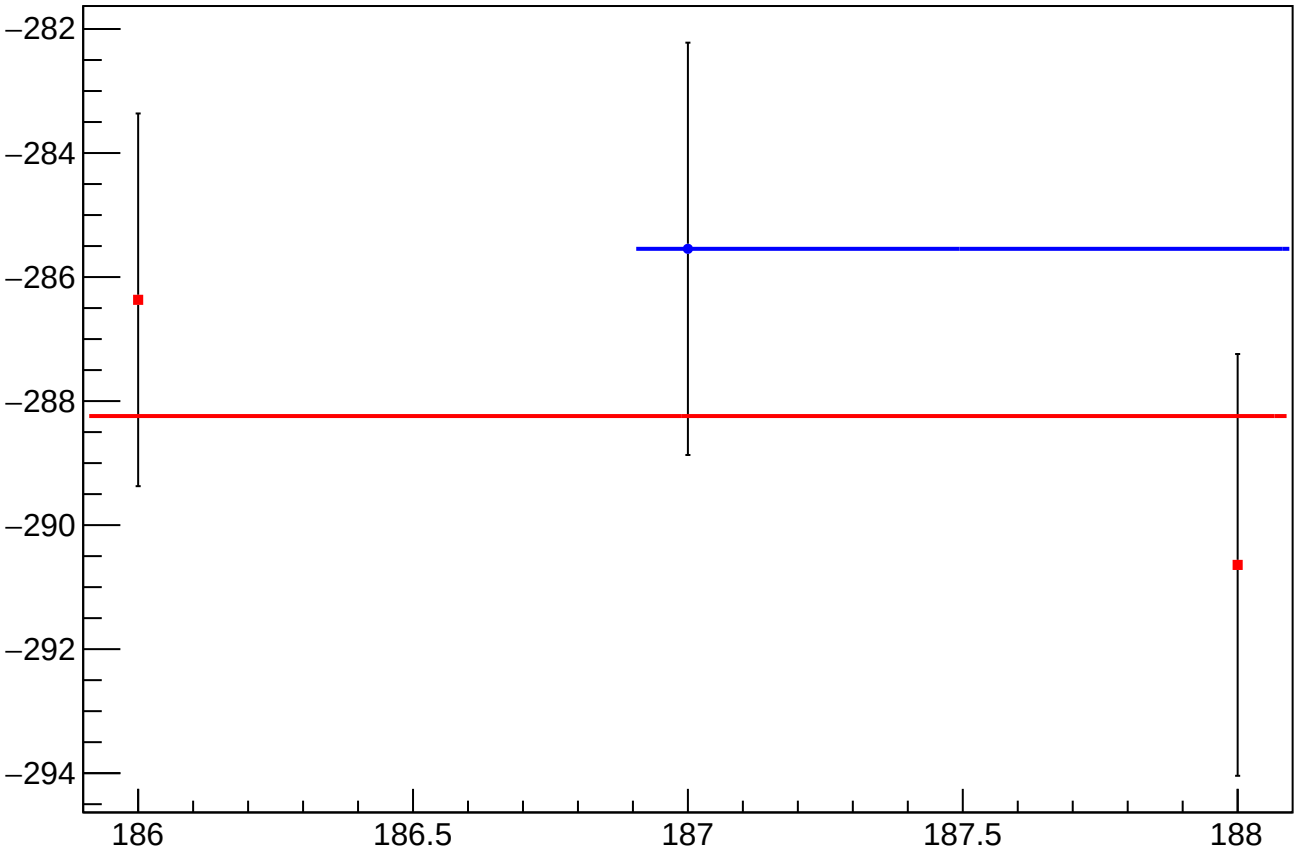
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -28.527+/-3.322 χ^2/NDF: 4.1/2

In: -22.618+/-6.515 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -28.527+/-3.322 χ^2/NDF: 4.1/2



Right In: -285.545+/-3.324 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -288.241+/-2.252 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

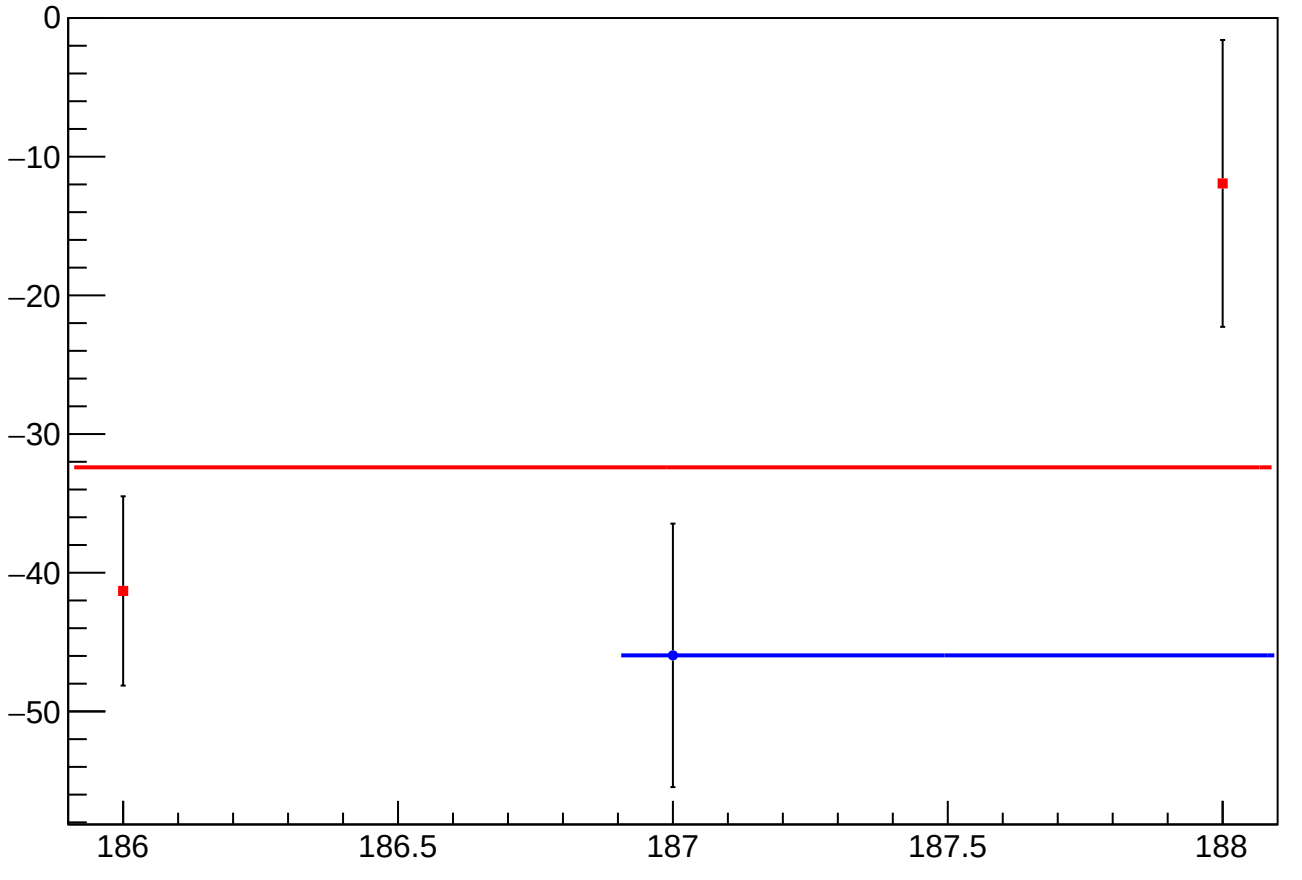
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -287.393+/-1.864 χ^2/NDF: 1.3/2

In: -285.545+/-3.324 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -287.393+/-1.864 χ^2/NDF: 1.3/2



Right In: -45.958+/-9.499 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.398+/-5.696 χ^2/NDF: 5.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

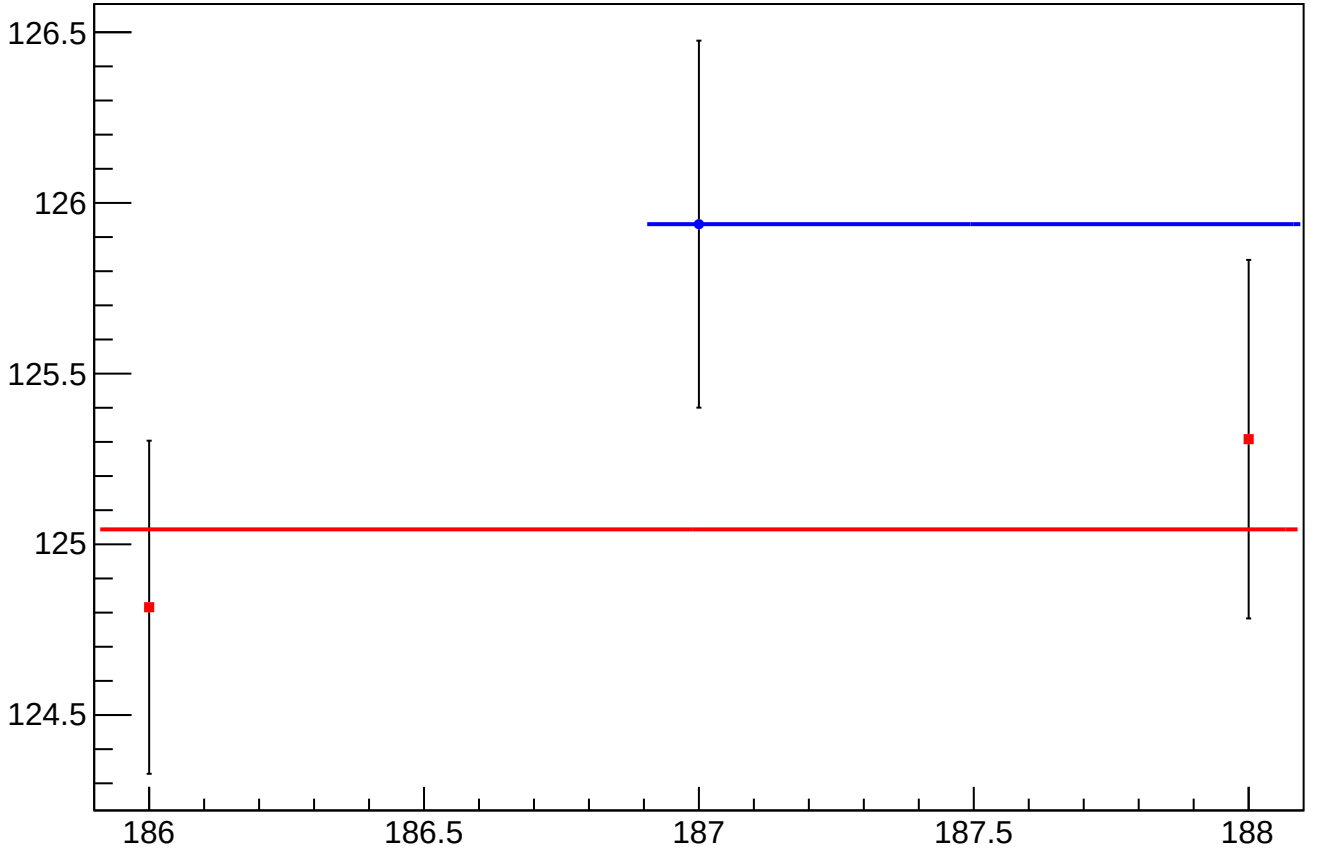
Right: -35.985+/-4.885 χ^2/NDF: 7.1/2

In: -45.958+/-9.499 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -35.985+/-4.885 χ^2/NDF: 7.1/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 125.938+/-0.537 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 125.044+/-0.357 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

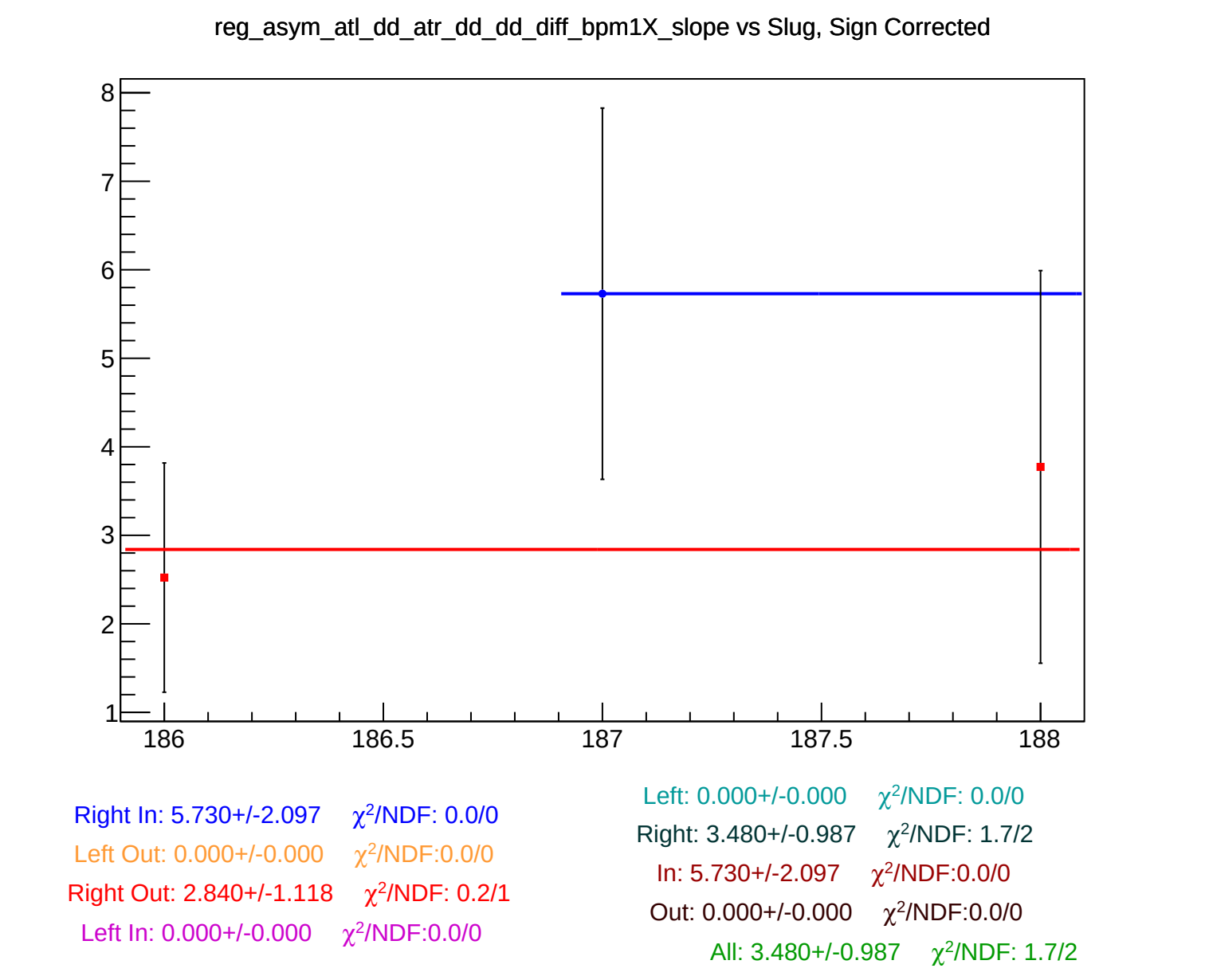
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 125.318+/-0.298 χ^2/NDF: 2.4/2

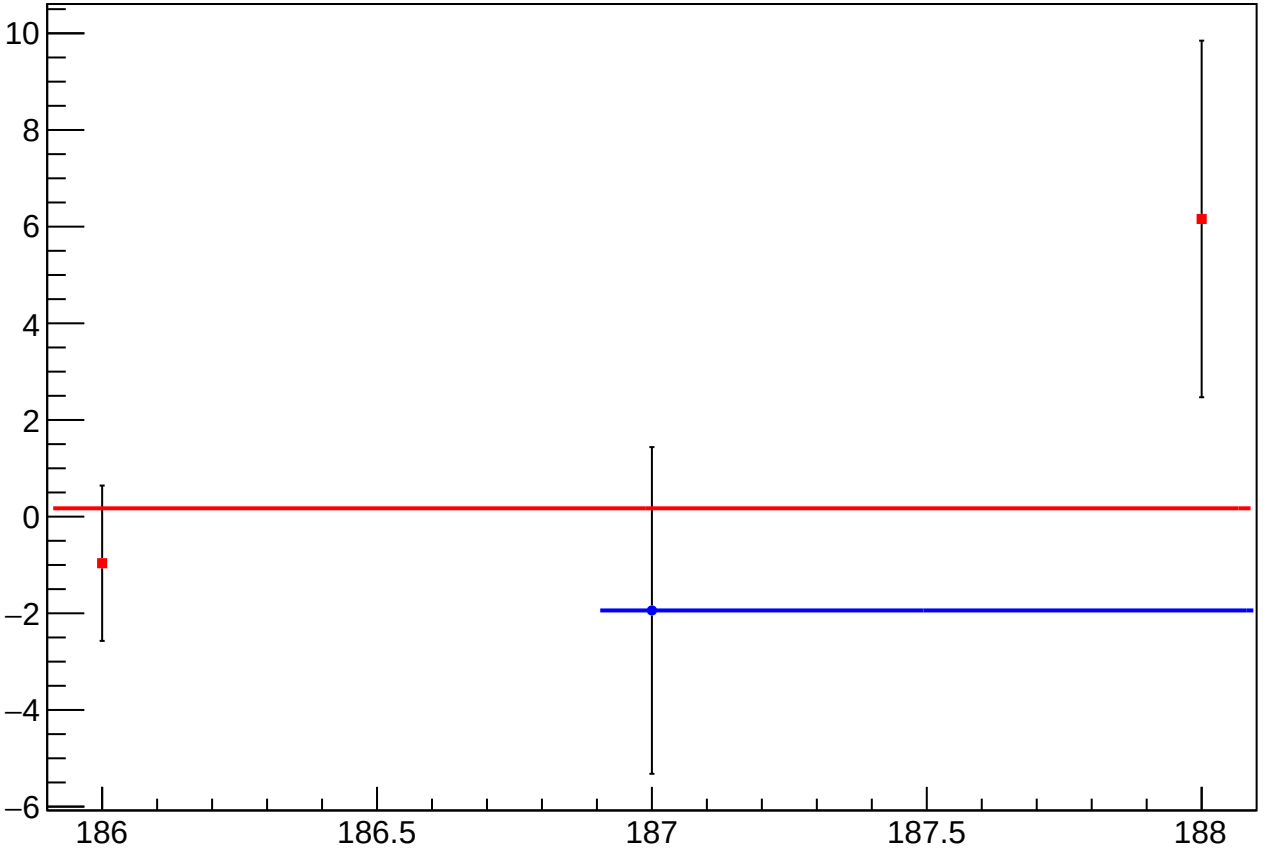
In: 125.938+/-0.537 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 125.318+/-0.298 χ^2/NDF: 2.4/2


reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected
8
7
6
5
4
3
2
1
186
186.5
187
187.5
188
Right In: 5.730+/-2.097 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 2.840+/-1.118 χ2/NDF: 0.2/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 3.480+/-0.987 χ2/NDF: 1.7/2
In: 5.730+/-2.097 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 3.480+/-0.987 χ2/NDF: 1.7/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.941+/-3.380 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.172+/-1.473 χ^2/NDF: 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

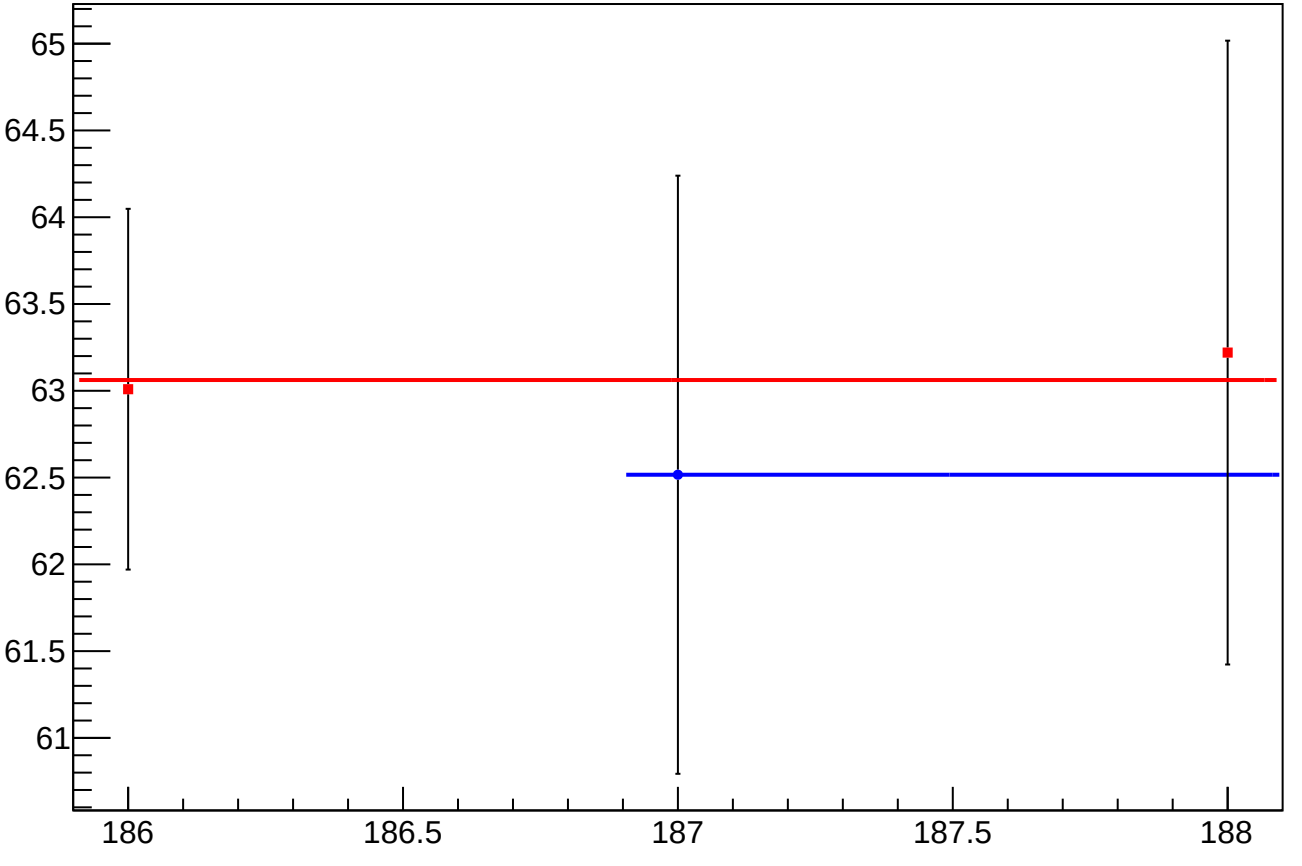
Right: -0.165+/-1.350 χ^2/NDF: 3.5/2

In: -1.941+/-3.380 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.165+/-1.350 χ^2/NDF: 3.5/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 62.516+/-1.723 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 63.062+/-0.900 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

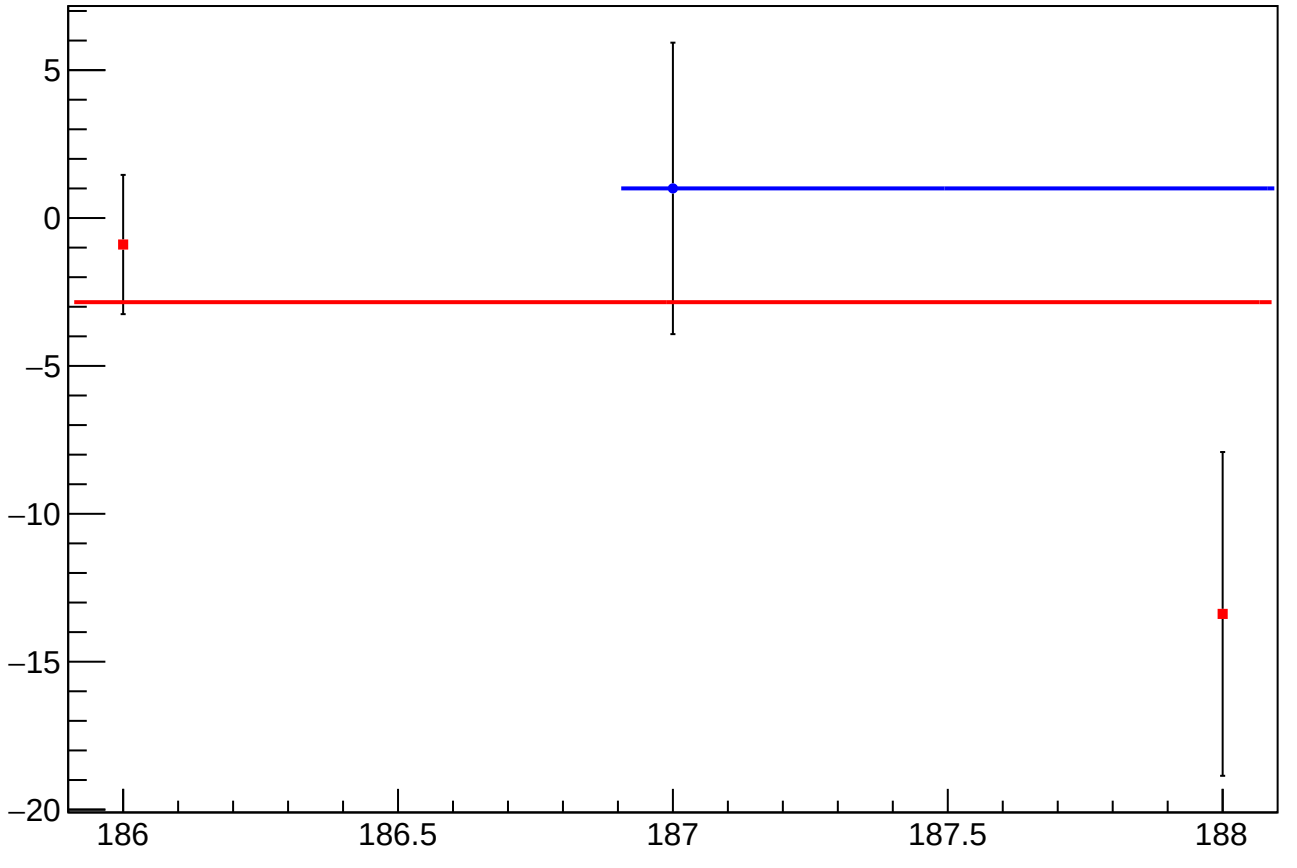
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 62.945+/-0.798 χ^2/NDF: 0.1/2

In: 62.516+/-1.723 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 62.945+/-0.798 χ^2/NDF: 0.1/2



Right In: 1.002+/-4.927 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.845+/-2.162 χ^2/NDF: 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

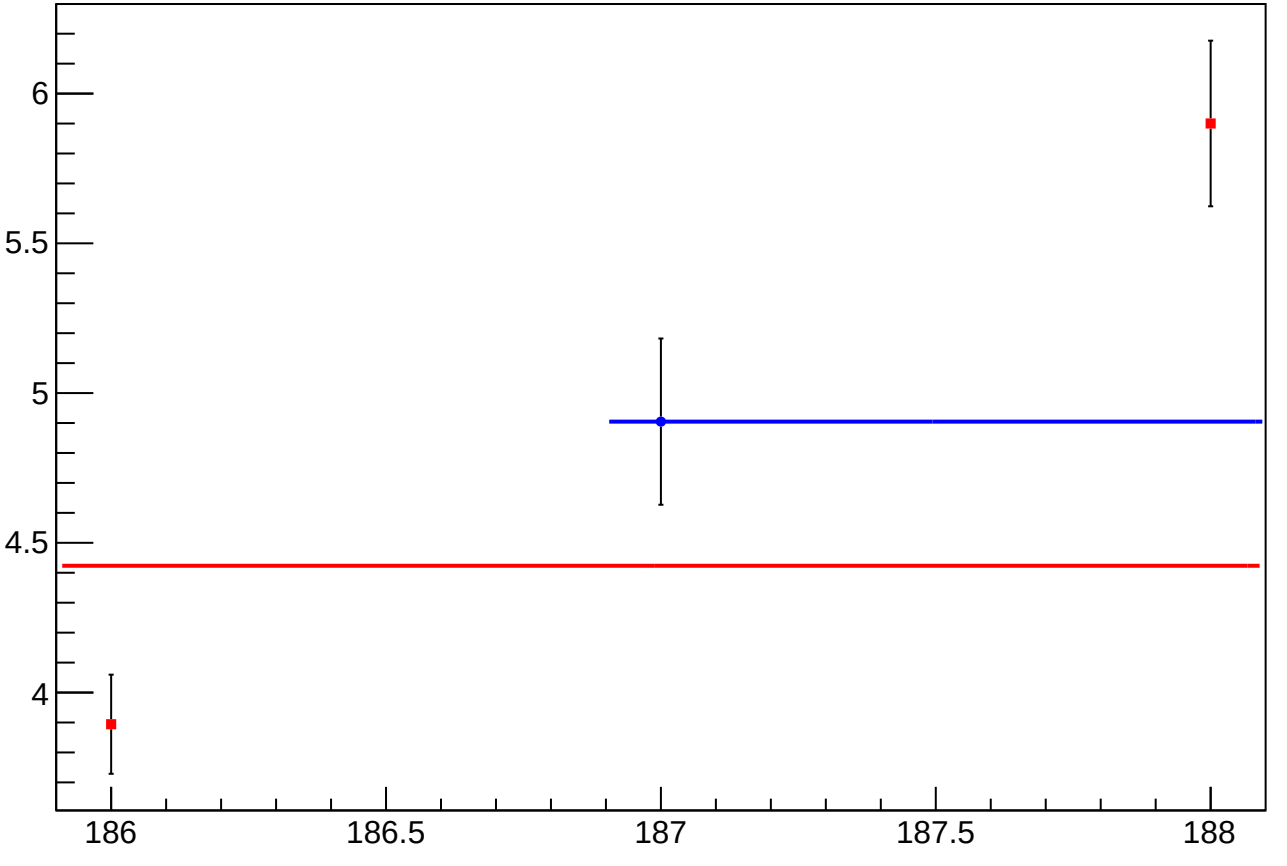
Right: -2.224+/-1.980 χ^2/NDF: 4.9/2

In: 1.002+/-4.927 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.224+/-1.980 χ^2/NDF: 4.9/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.905+/-0.278 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.423+/-0.142 χ^2/NDF: 38.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

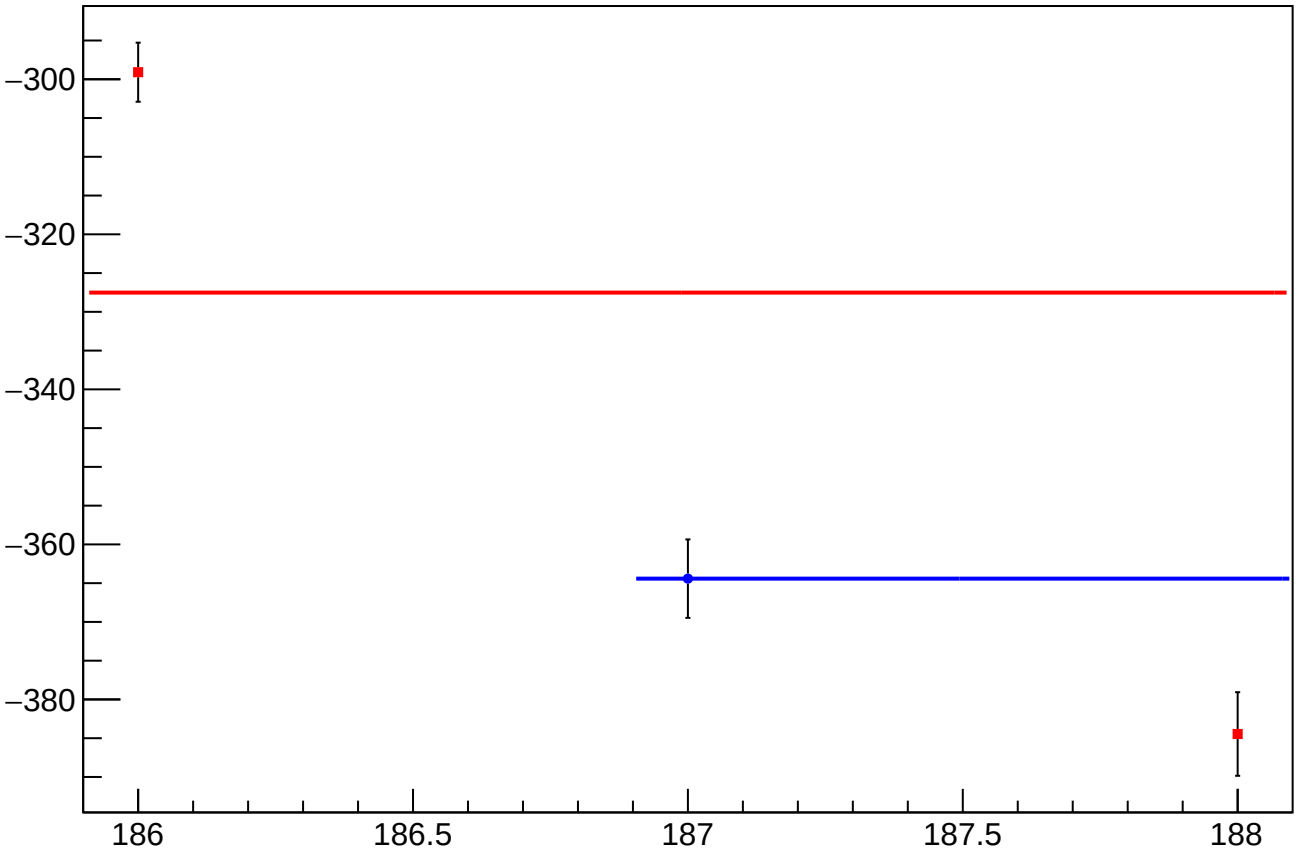
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.523+/-0.126 χ^2/NDF: 41.1/2

In: 4.905+/-0.278 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.523+/-0.126 χ^2/NDF: 41.1/2



Right In: -364.416+/-5.062 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -327.520+/-3.112 χ^2/NDF: 167.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

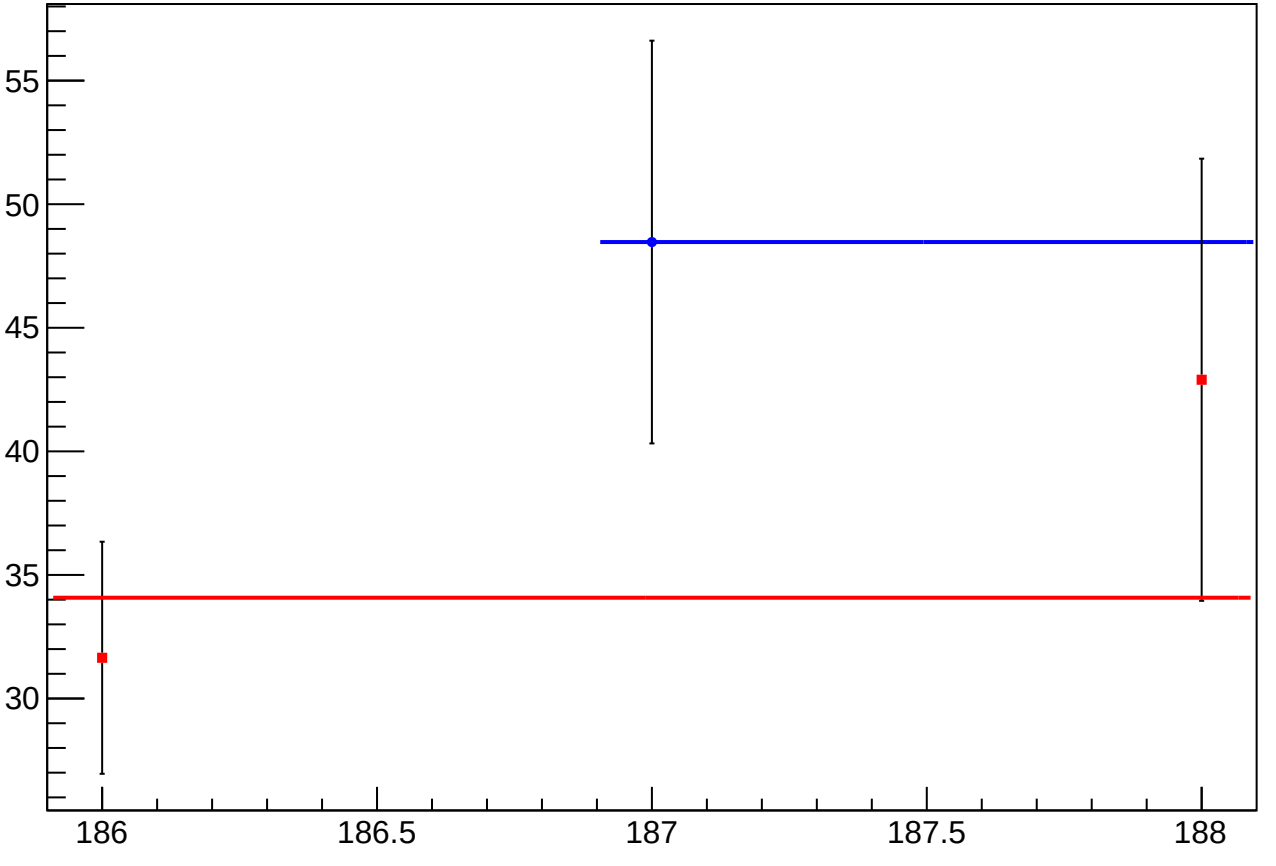
Right: -337.638+/-2.651 χ^2/NDF: 205.8/2

In: -364.416+/-5.062 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -337.638+/-2.651 χ^2/NDF: 205.8/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 48.469+/-8.148 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.079+/-4.157 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

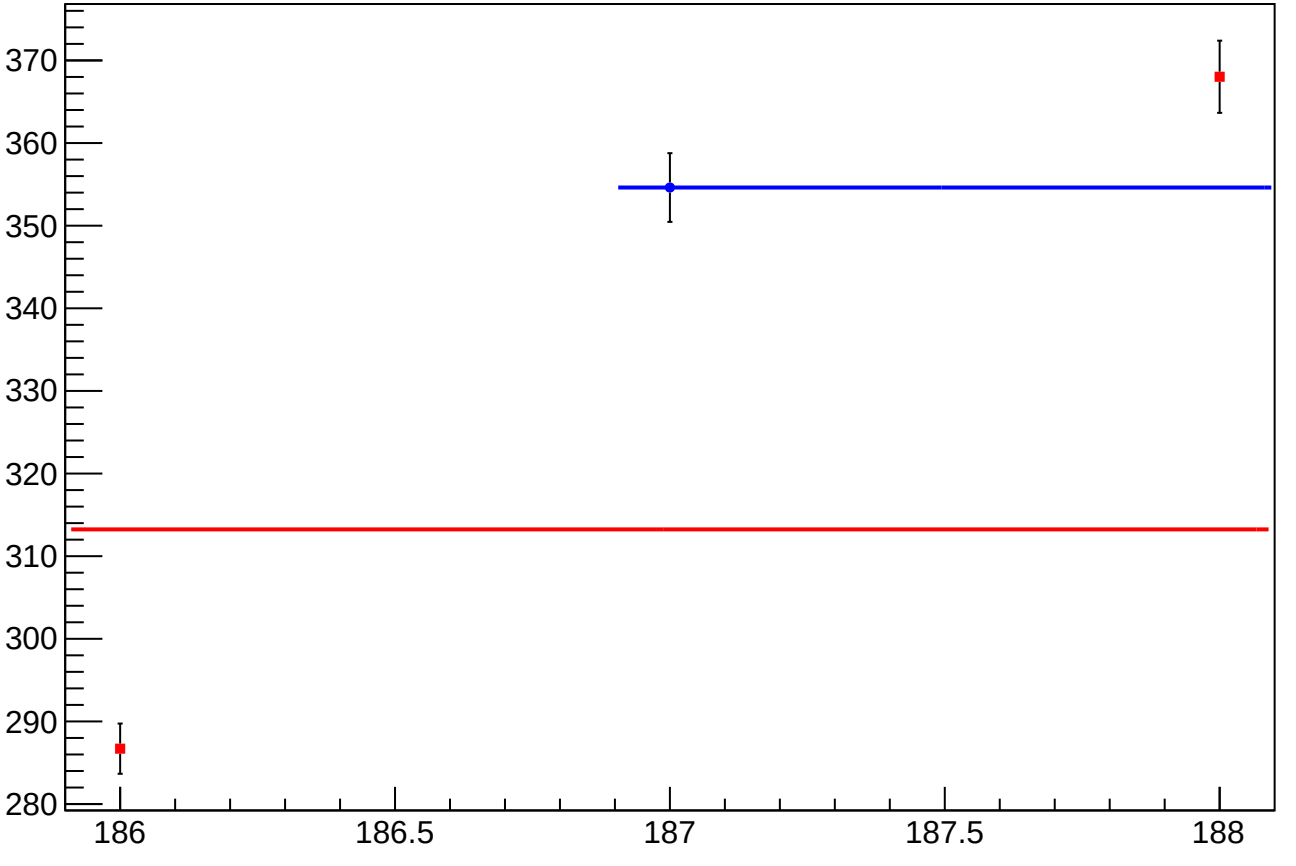
Right: 37.051+/-3.703 χ^2/NDF: 3.7/2

In: 48.469+/-8.148 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 37.051+/-3.703 χ^2/NDF: 3.7/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 354.618+/-4.158 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 313.243+/-2.495 χ^2/NDF: 233.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

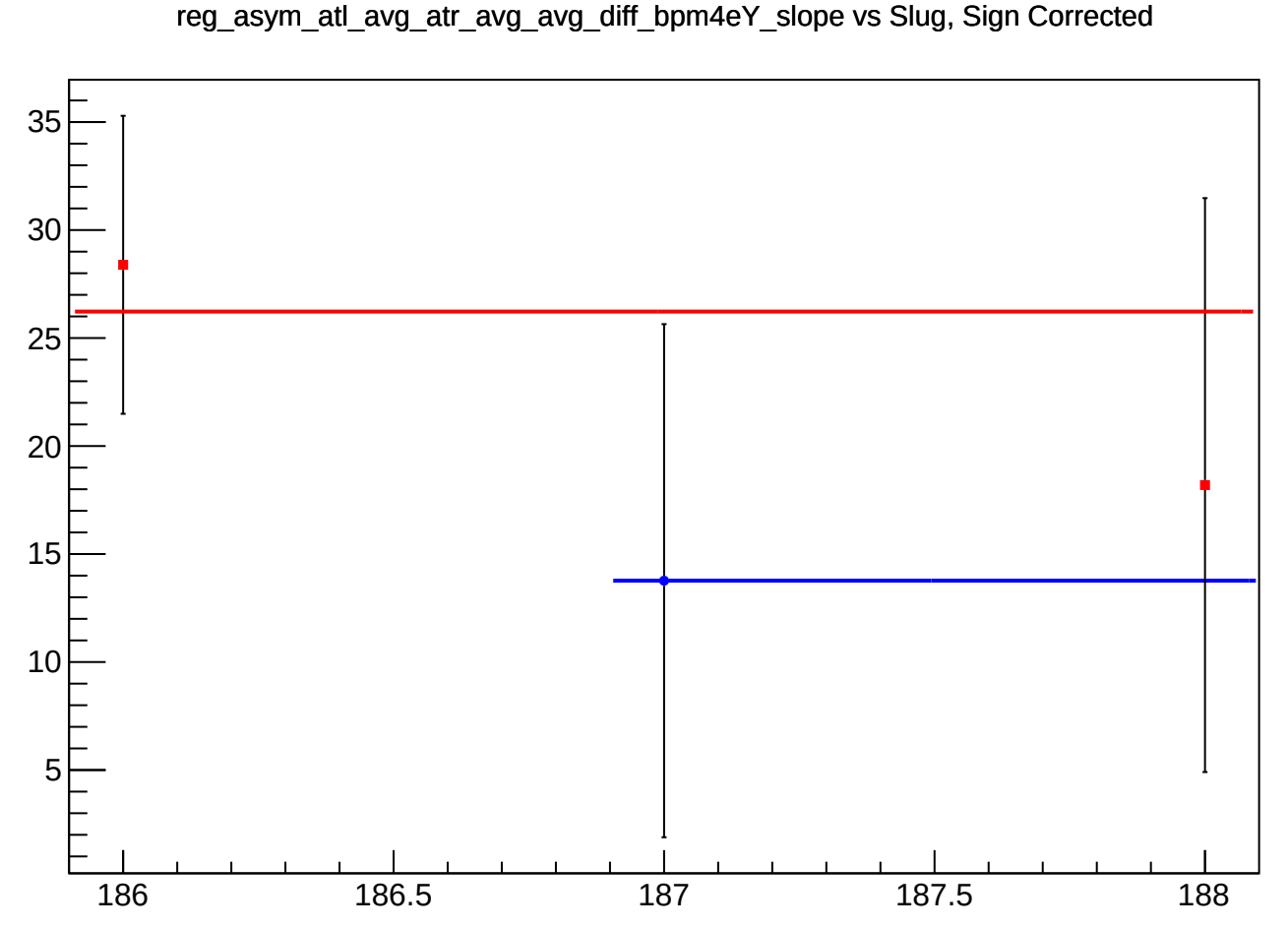
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

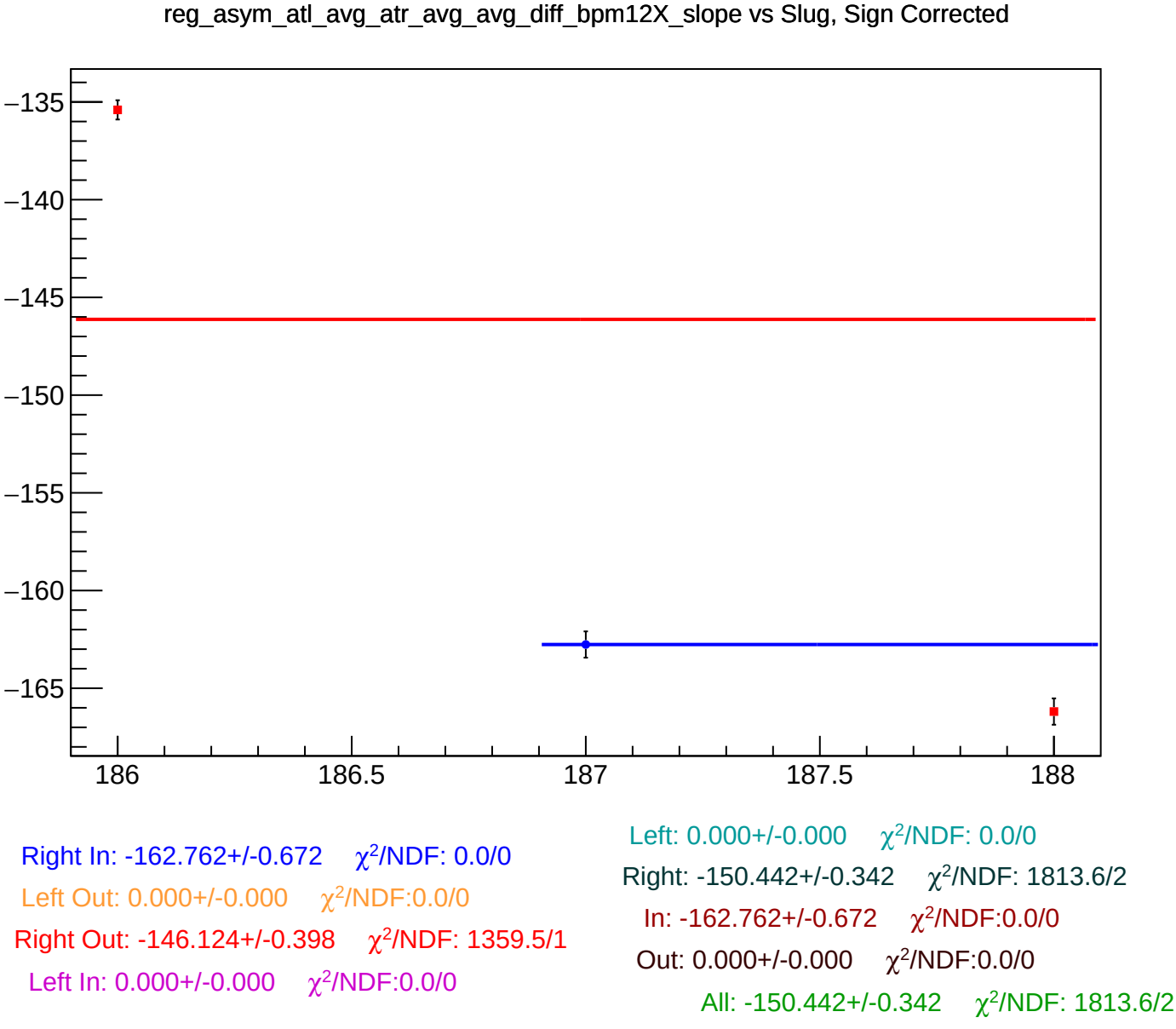
Right: 324.198+/-2.140 χ^2/NDF: 306.3/2

In: 354.618+/-4.158 χ^2/NDF:0.0/0

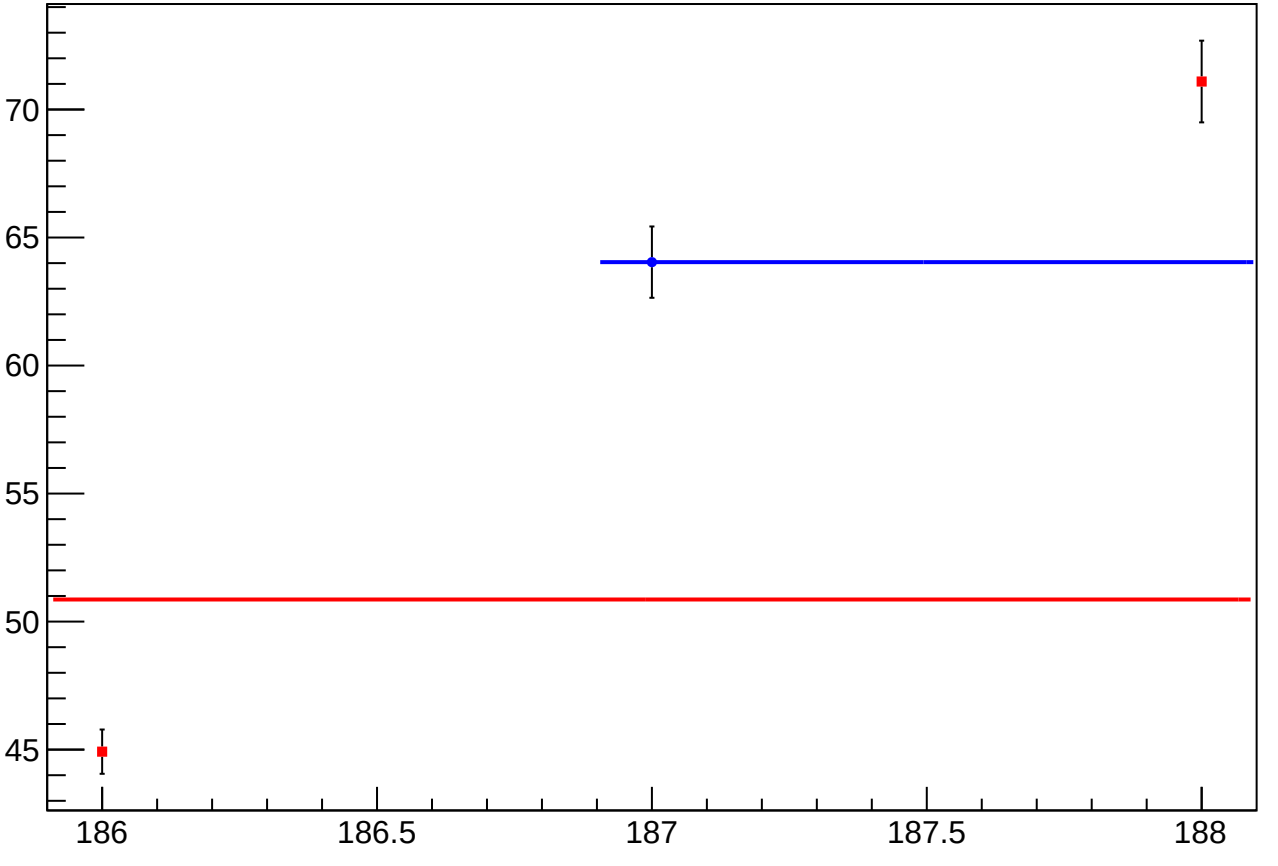
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 324.198+/-2.140 χ^2/NDF: 306.3/2


reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
35
30
25
20
15
10
5
186
186.5
187
187.5
188
Right In: 13.765+/-11.878 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 26.225+/-6.123 χ2/NDF: 0.5/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 23.610+/-5.442 χ2/NDF: 1.3/2
In: 13.765+/-11.878 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 23.610+/-5.442 χ2/NDF: 1.3/2


reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−135
−140
−145
−150
−155
−160
−165
186
186.5
187
187.5
188
Right In: -162.762+/-0.672 χ2/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -146.124+/-0.398 χ2/NDF: 1359.5/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -150.442+/-0.342 χ2/NDF: 1813.6/2
In: -162.762+/-0.672 χ2/NDF:0.0/0
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -150.442+/-0.342 χ2/NDF: 1813.6/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 64.039+/-1.393 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.863+/-0.760 χ^2/NDF: 208.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

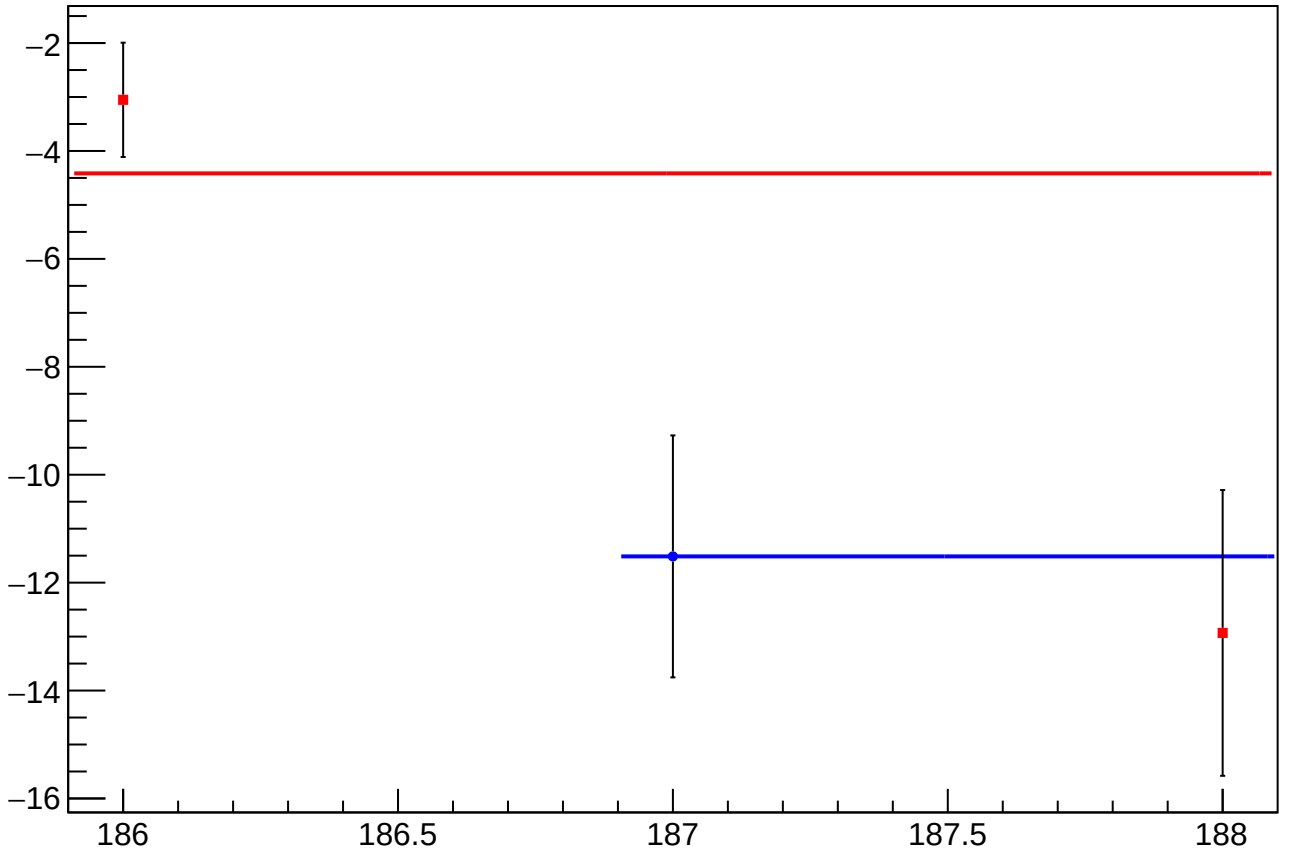
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 53.887+/-0.667 χ^2/NDF: 277.0/2

In: 64.039+/-1.393 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 53.887+/-0.667 χ^2/NDF: 277.0/2



Right In: -11.514+/-2.242 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.416+/-0.984 χ^2/NDF: 12.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

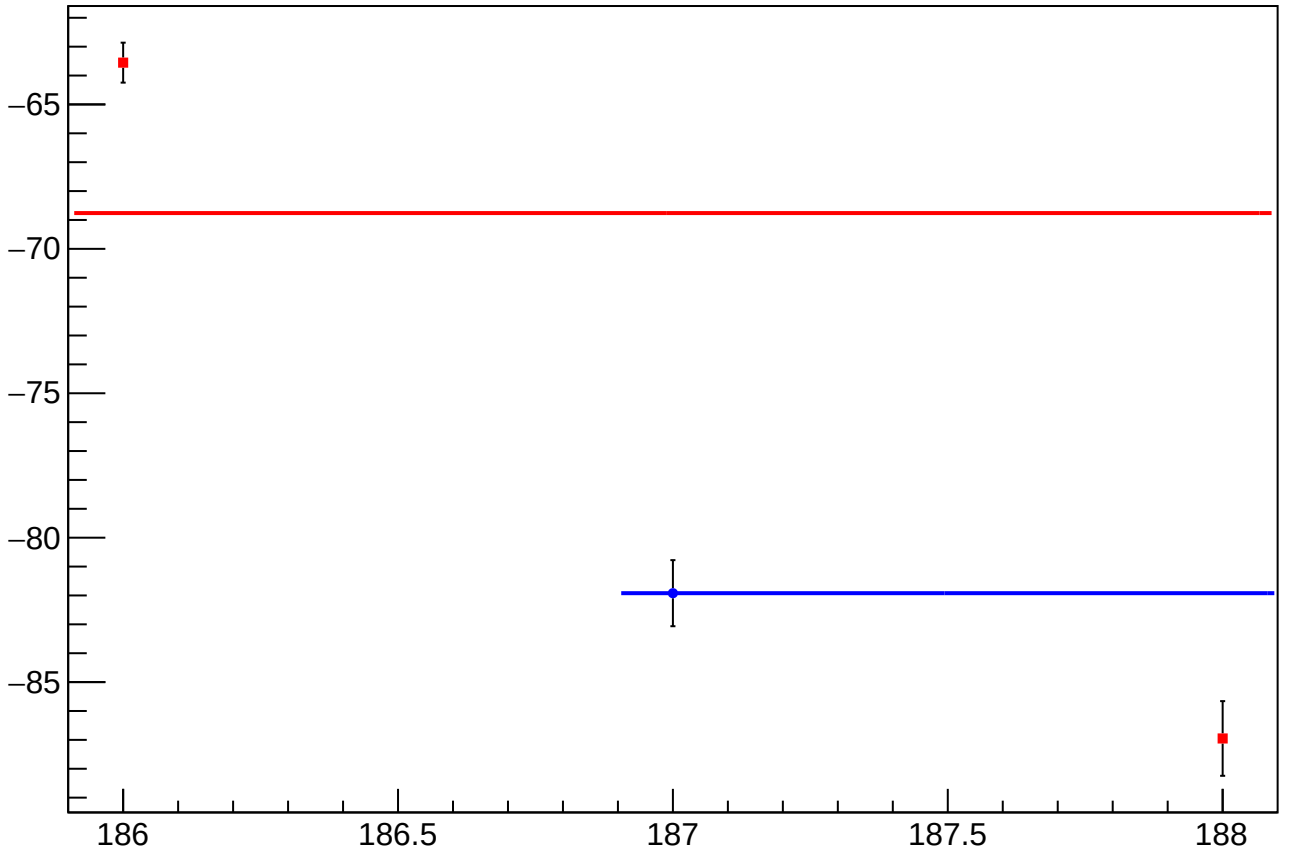
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -5.561+/-0.901 χ^2/NDF: 20.4/2

In: -11.514+/-2.242 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.561+/-0.901 χ^2/NDF: 20.4/2



Right In: -81.921+/-1.144 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -68.761+/-0.610 χ^2/NDF: 254.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

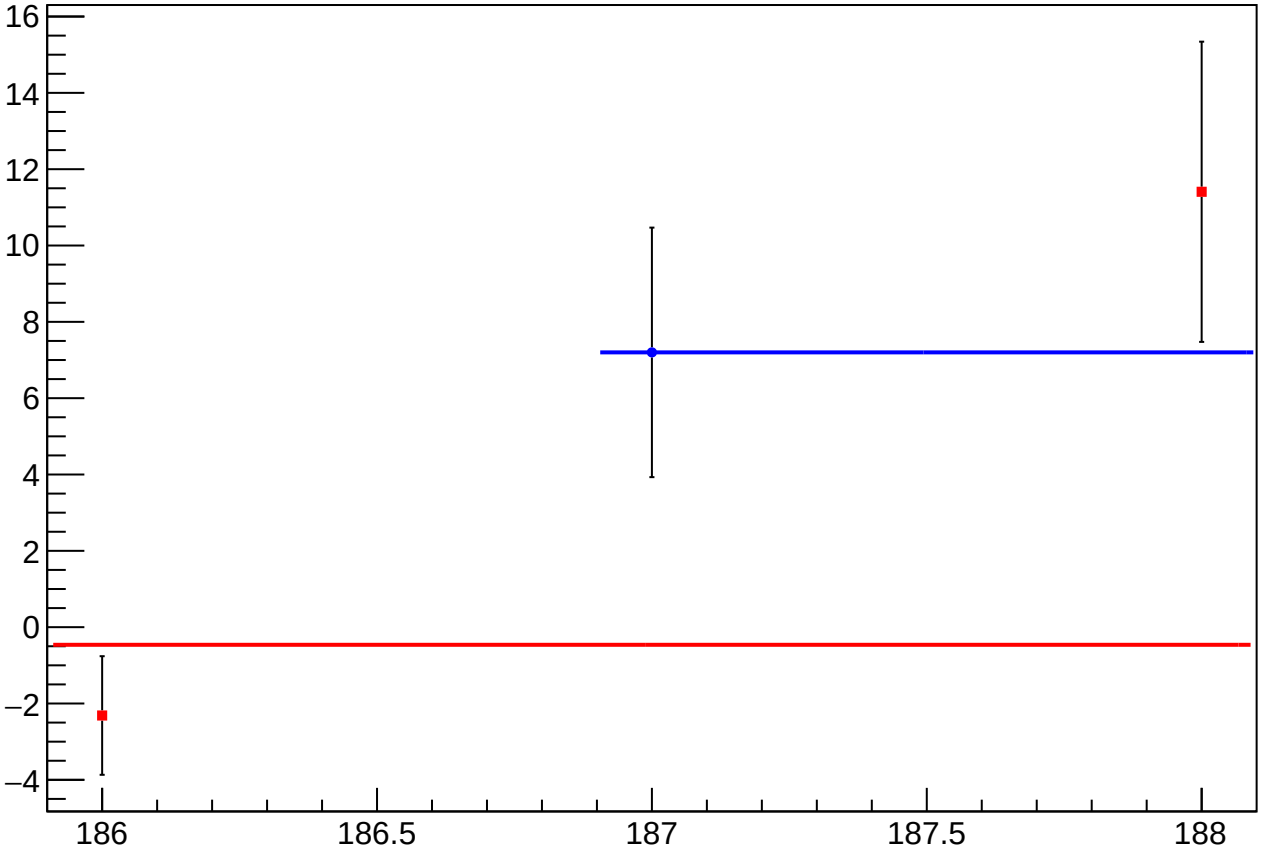
Right: -71.673+/-0.538 χ^2/NDF: 357.8/2

In: -81.921+/-1.144 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -71.673+/-0.538 χ^2/NDF: 357.8/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.200+/-3.269 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.462+/-1.445 χ^2/NDF: 10.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

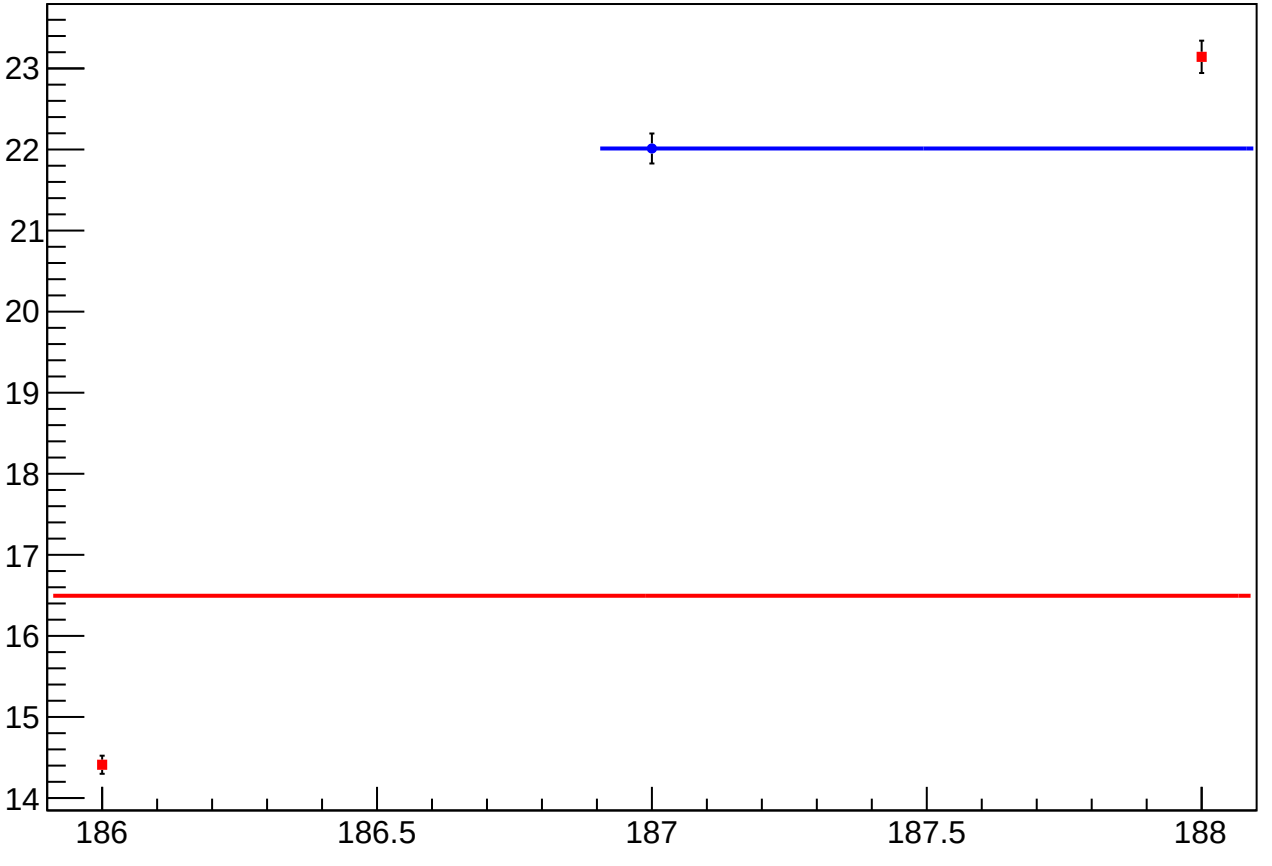
Right: 0.791+/-1.322 χ^2/NDF: 15.1/2

In: 7.200+/-3.269 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.791+/-1.322 χ^2/NDF: 15.1/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 22.012+/-0.185 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.495+/-0.097 χ^2/NDF: 1459.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

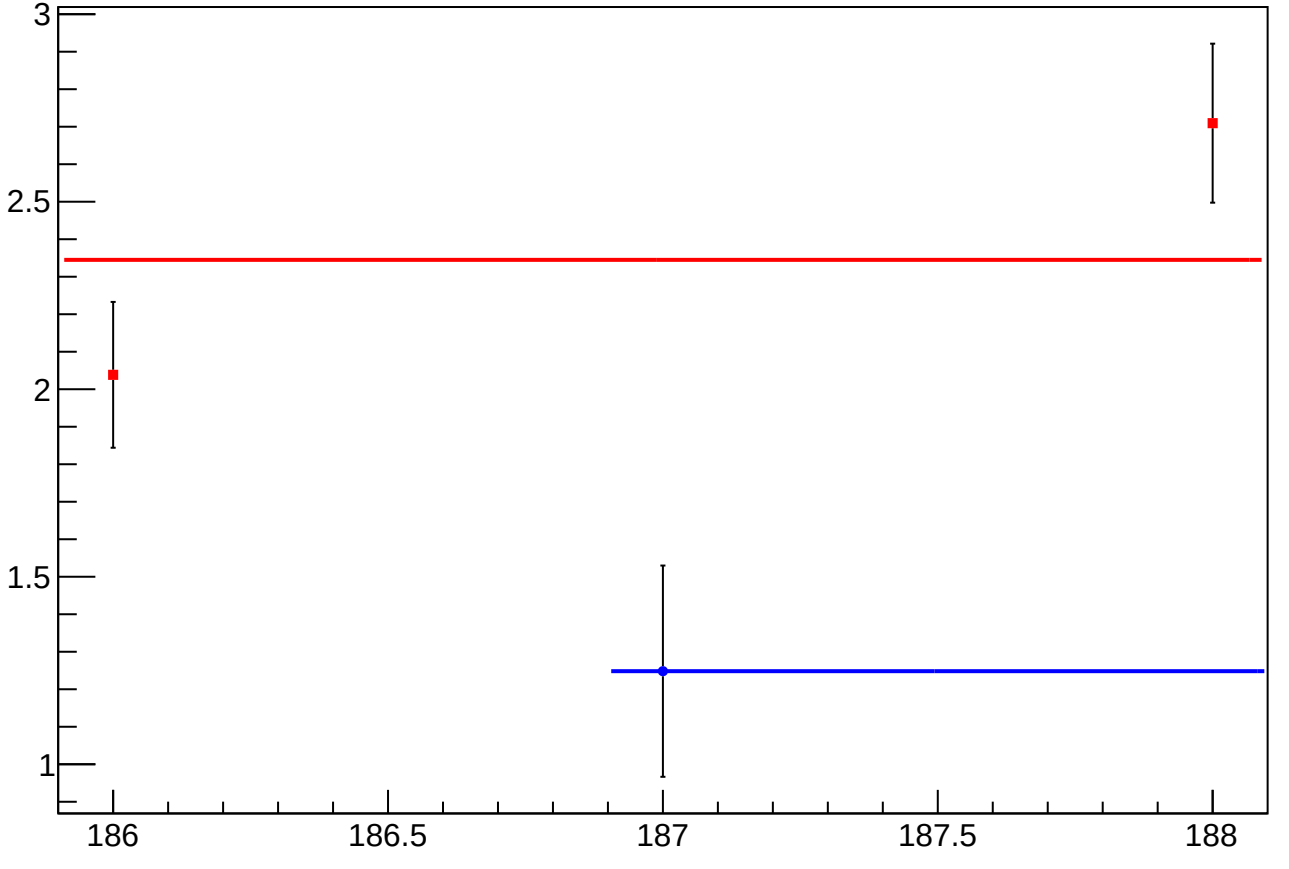
Right: 17.694+/-0.086 χ^2/NDF: 2155.7/2

In: 22.012+/-0.185 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.694+/-0.086 χ^2/NDF: 2155.7/2

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.248+/-0.282 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.345+/-0.143 χ^2/NDF: 5.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

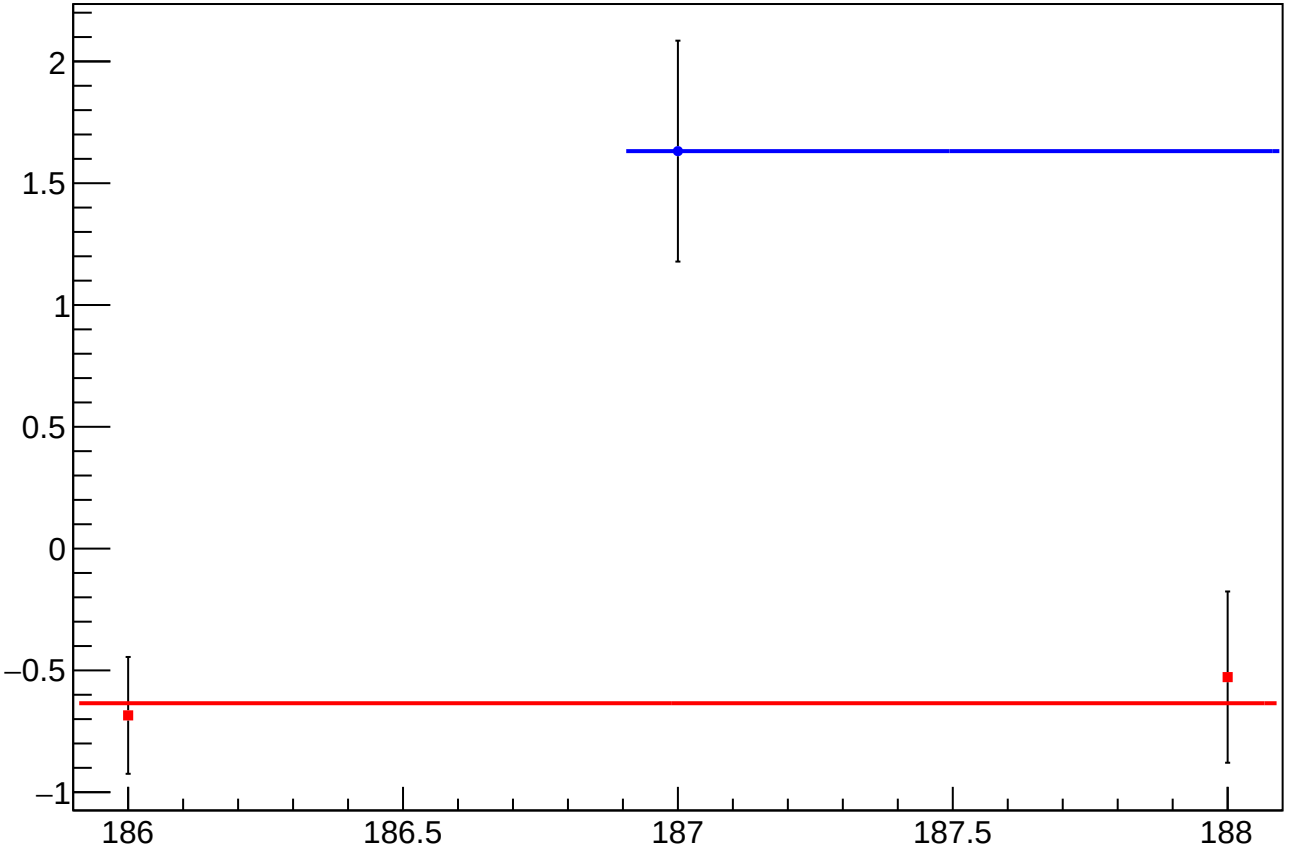
Right: 2.119+/-0.128 χ^2/NDF: 17.5/2

In: 1.248+/-0.282 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.119+/-0.128 χ^2/NDF: 17.5/2

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.632+/-0.453 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.635+/-0.198 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

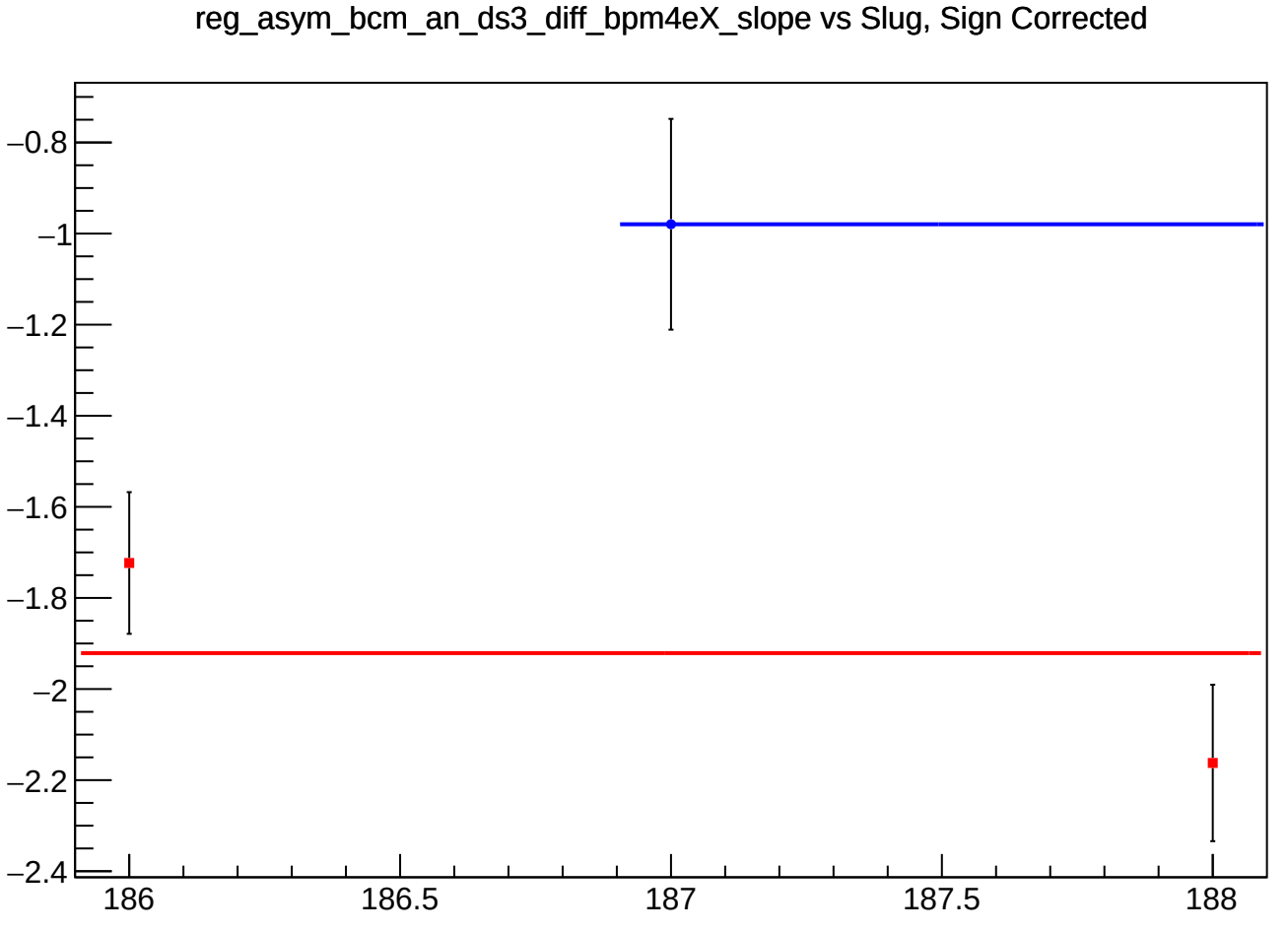
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.271+/-0.182 χ^2/NDF: 21.1/2

In: 1.632+/-0.453 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.271+/-0.182 χ^2/NDF: 21.1/2



Right In: -0.980+/-0.231 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.921+/-0.115 χ^2/NDF: 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

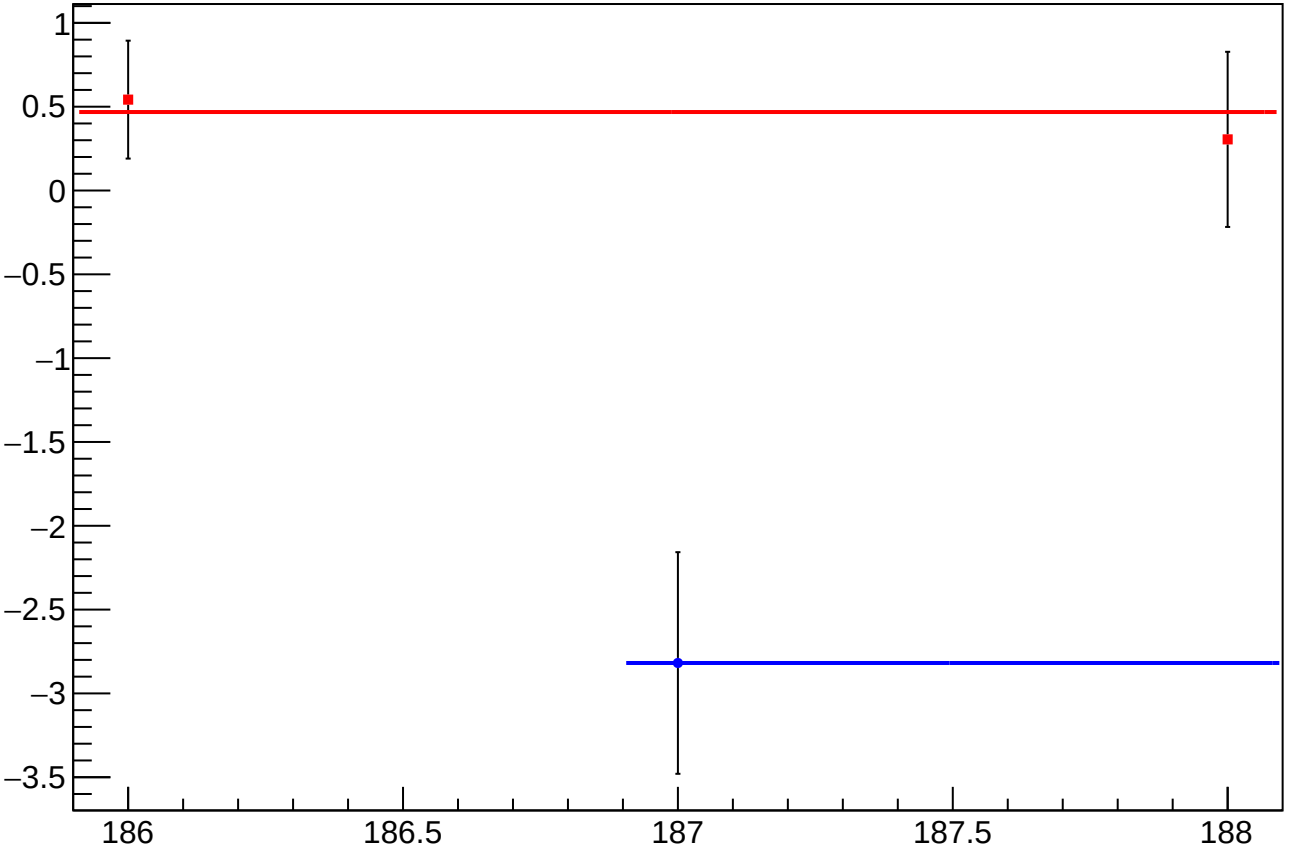
Right: -1.734+/-0.103 χ^2/NDF: 16.9/2

In: -0.980+/-0.231 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.734+/-0.103 χ^2/NDF: 16.9/2

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.819+/-0.661 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.468+/-0.292 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

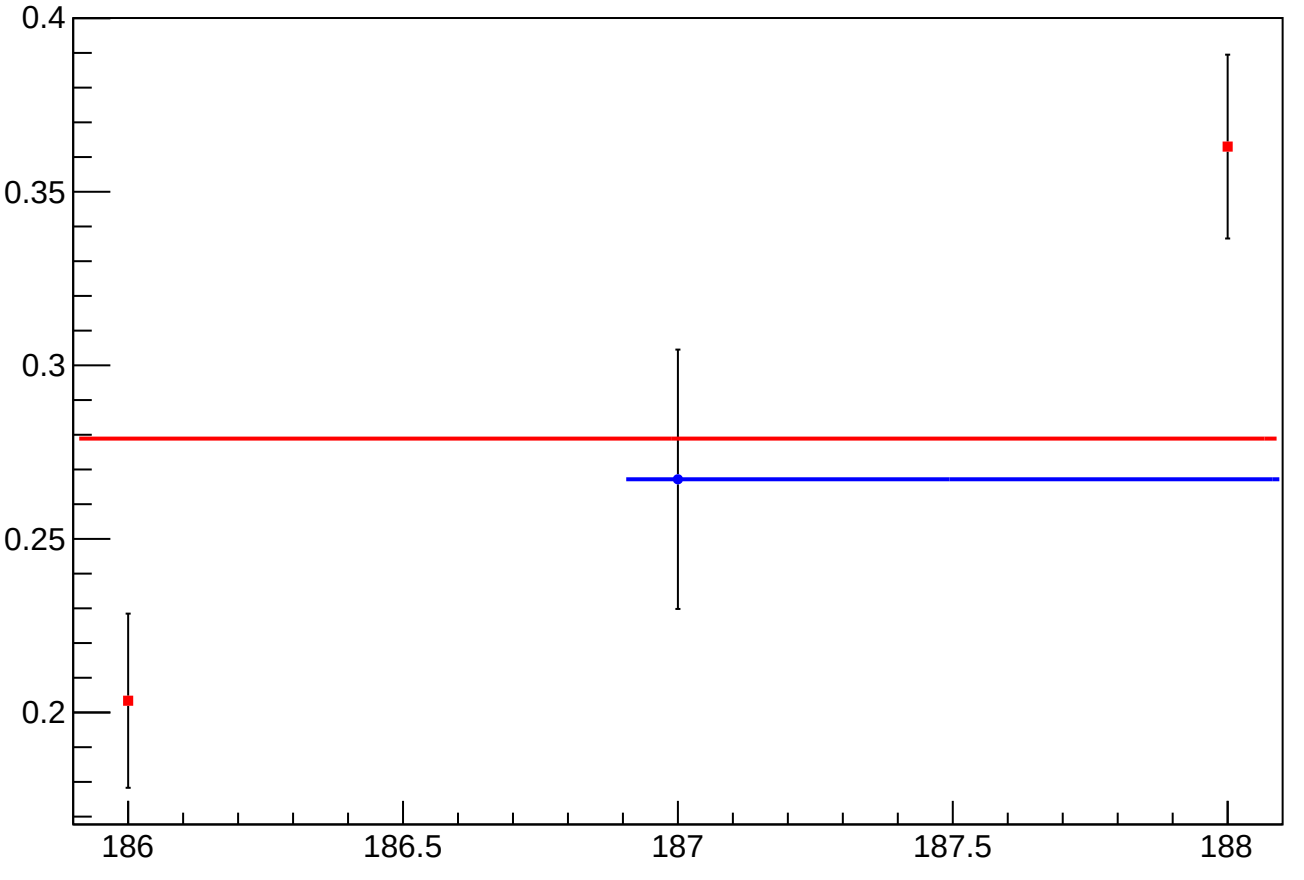
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.068+/-0.267 χ^2/NDF: 20.8/2

In: -2.819+/-0.661 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.068+/-0.267 χ^2/NDF: 20.8/2



Right In: 0.267+/-0.037 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.279+/-0.018 χ^2/NDF: 19.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

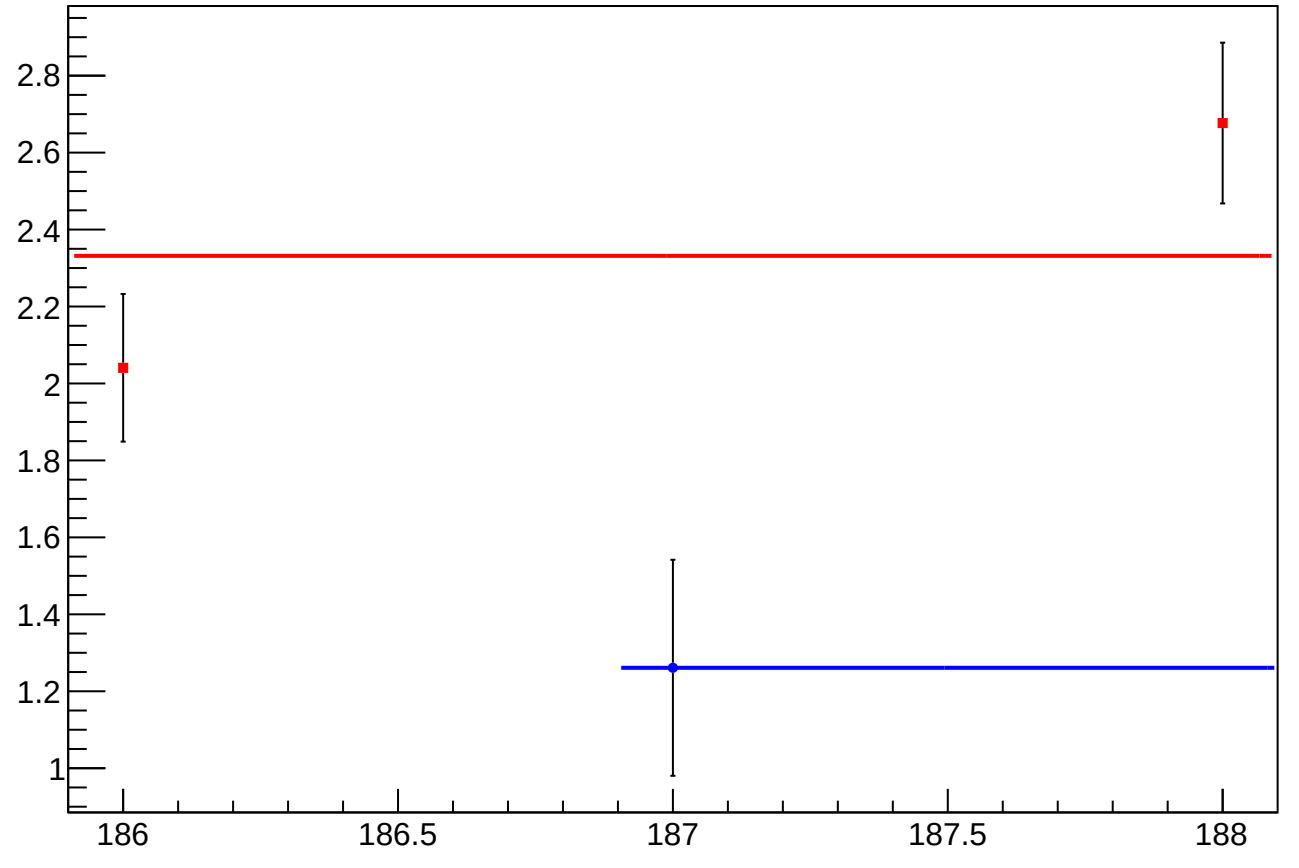
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.277+/-0.016 χ^2/NDF: 19.2/2

In: 0.267+/-0.037 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.277+/-0.016 χ^2/NDF: 19.2/2



Right In: 1.261+/-0.281 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.332+/-0.141 χ^2/NDF: 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

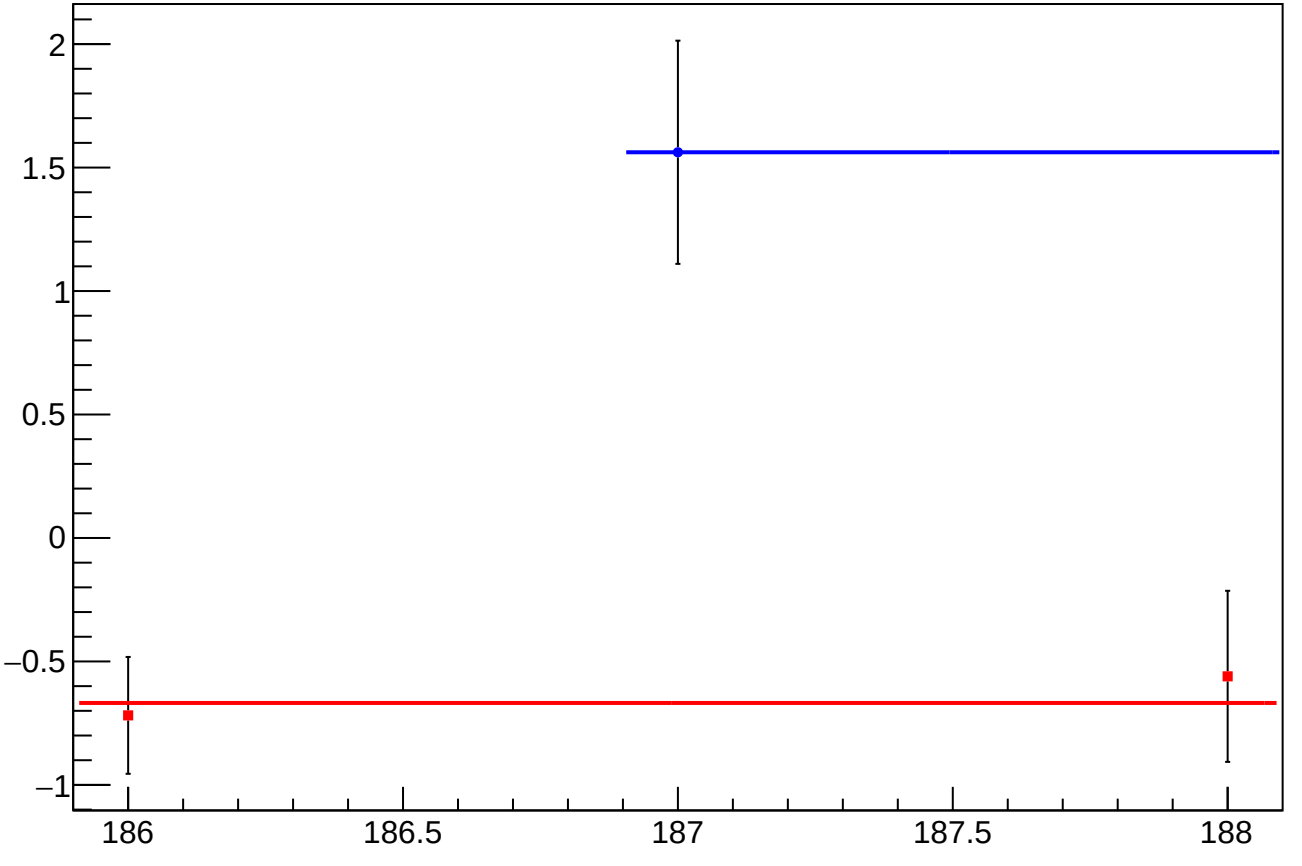
Right: 2.115+/-0.126 χ^2/NDF: 16.6/2

In: 1.261+/-0.281 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.115+/-0.126 χ^2/NDF: 16.6/2

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.562+/-0.452 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.668+/-0.195 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

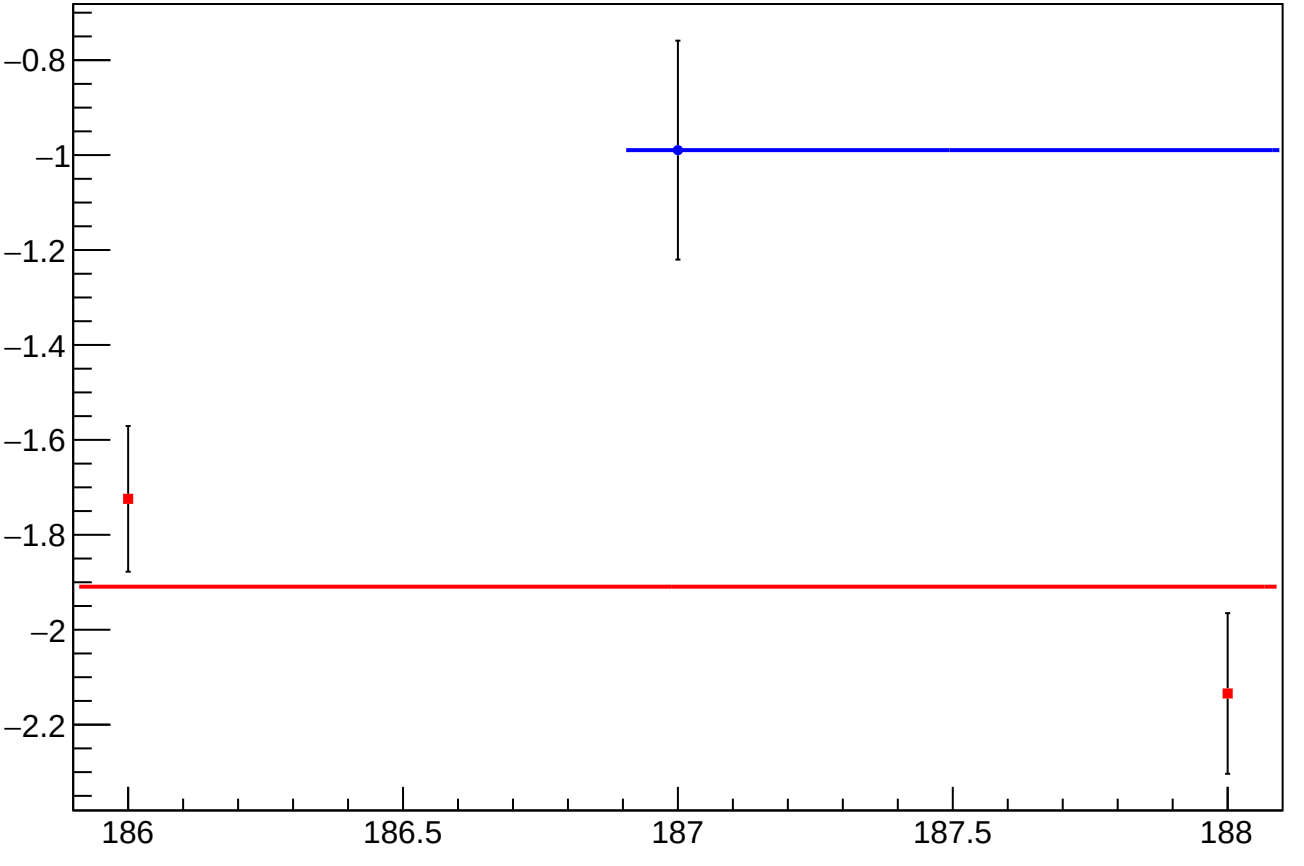
Right: -0.317+/-0.179 χ^2/NDF: 20.7/2

In: 1.562+/-0.452 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.317+/-0.179 χ^2/NDF: 20.7/2

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.990+/-0.231 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.909+/-0.114 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

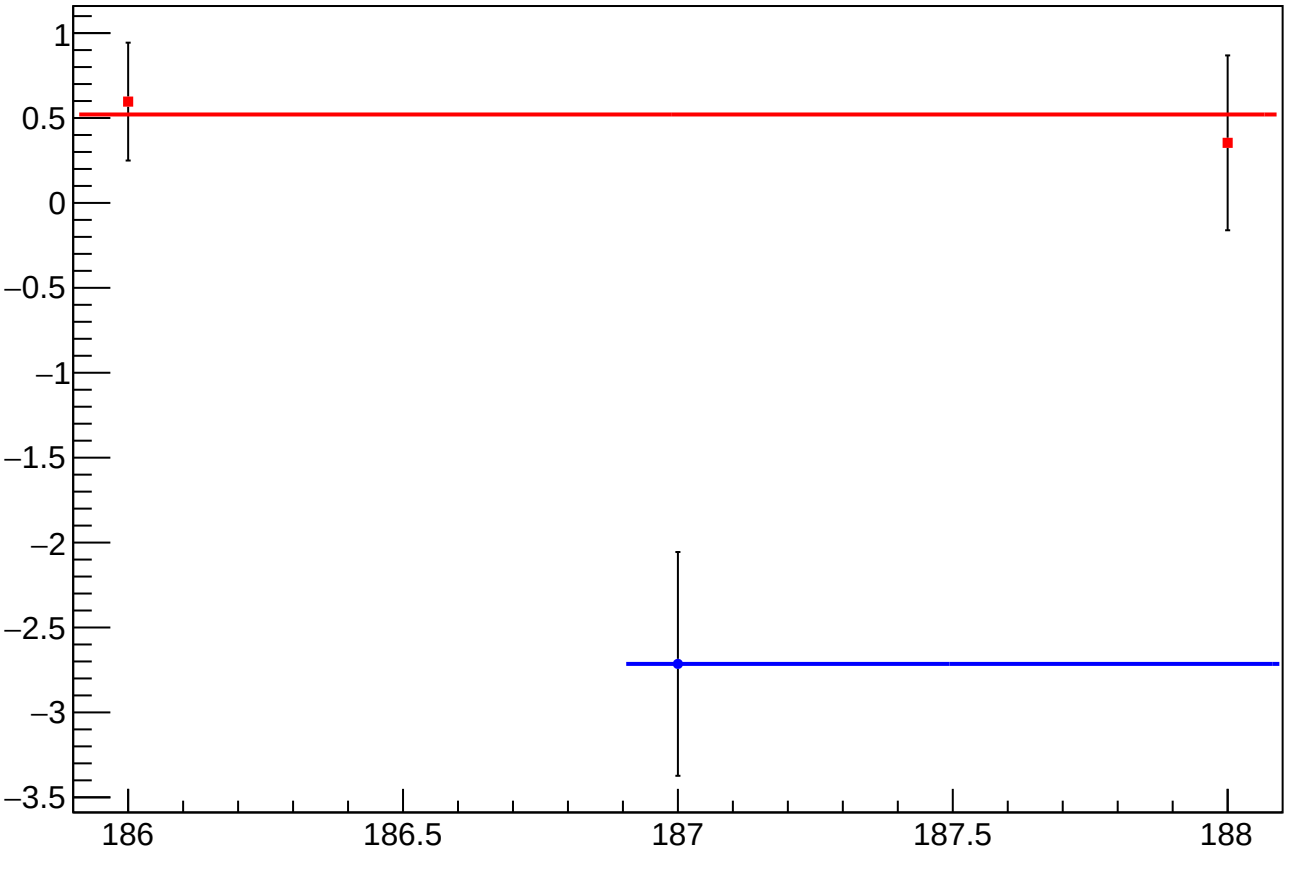
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.729+/-0.102 χ^2/NDF: 16.0/2

In: -0.990+/-0.231 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.729+/-0.102 χ^2/NDF: 16.0/2



Right In: -2.714+/-0.659 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.521+/-0.288 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

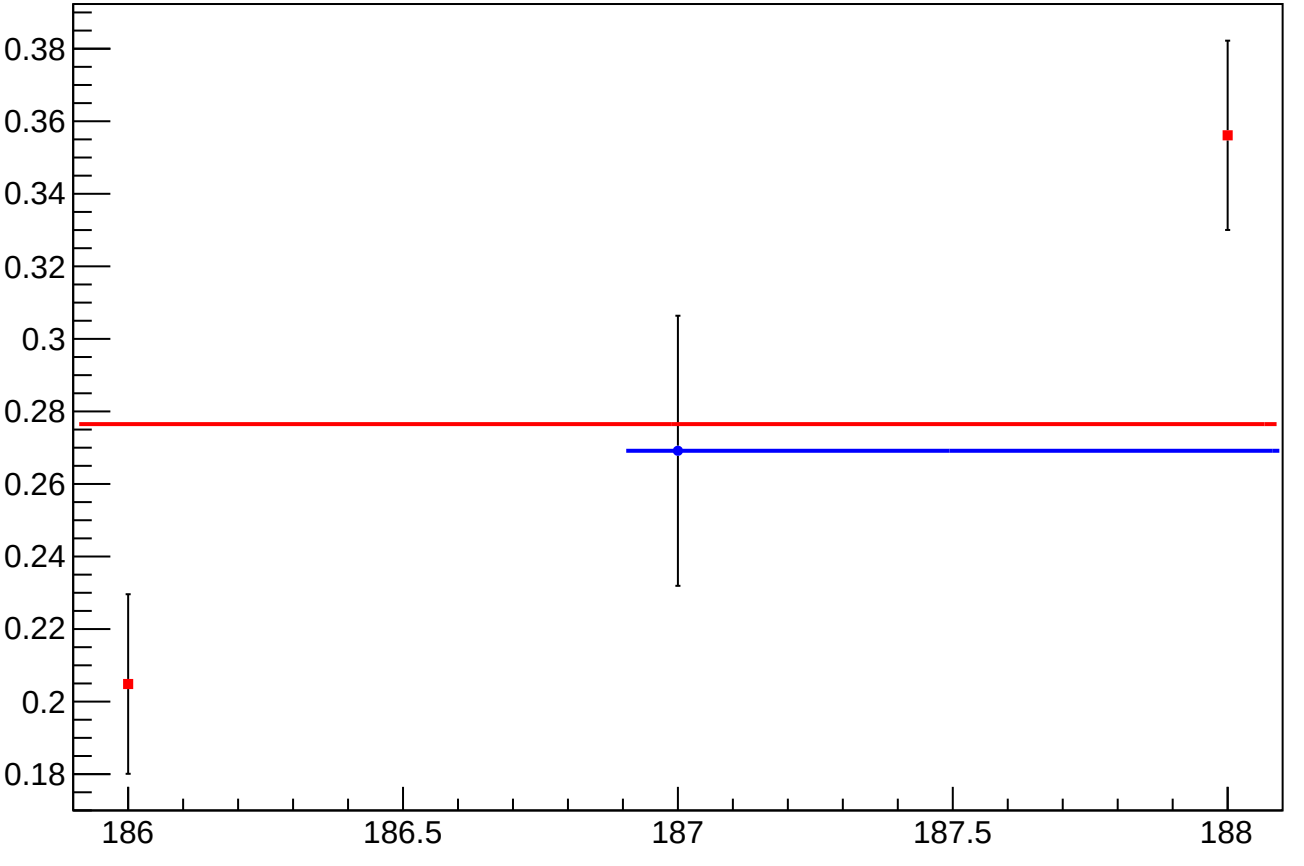
Right: 0.003+/-0.264 χ^2/NDF: 20.4/2

In: -2.714+/-0.659 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.003+/-0.264 χ^2/NDF: 20.4/2

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.269+/-0.037 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.277+/-0.018 χ^2/NDF: 17.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

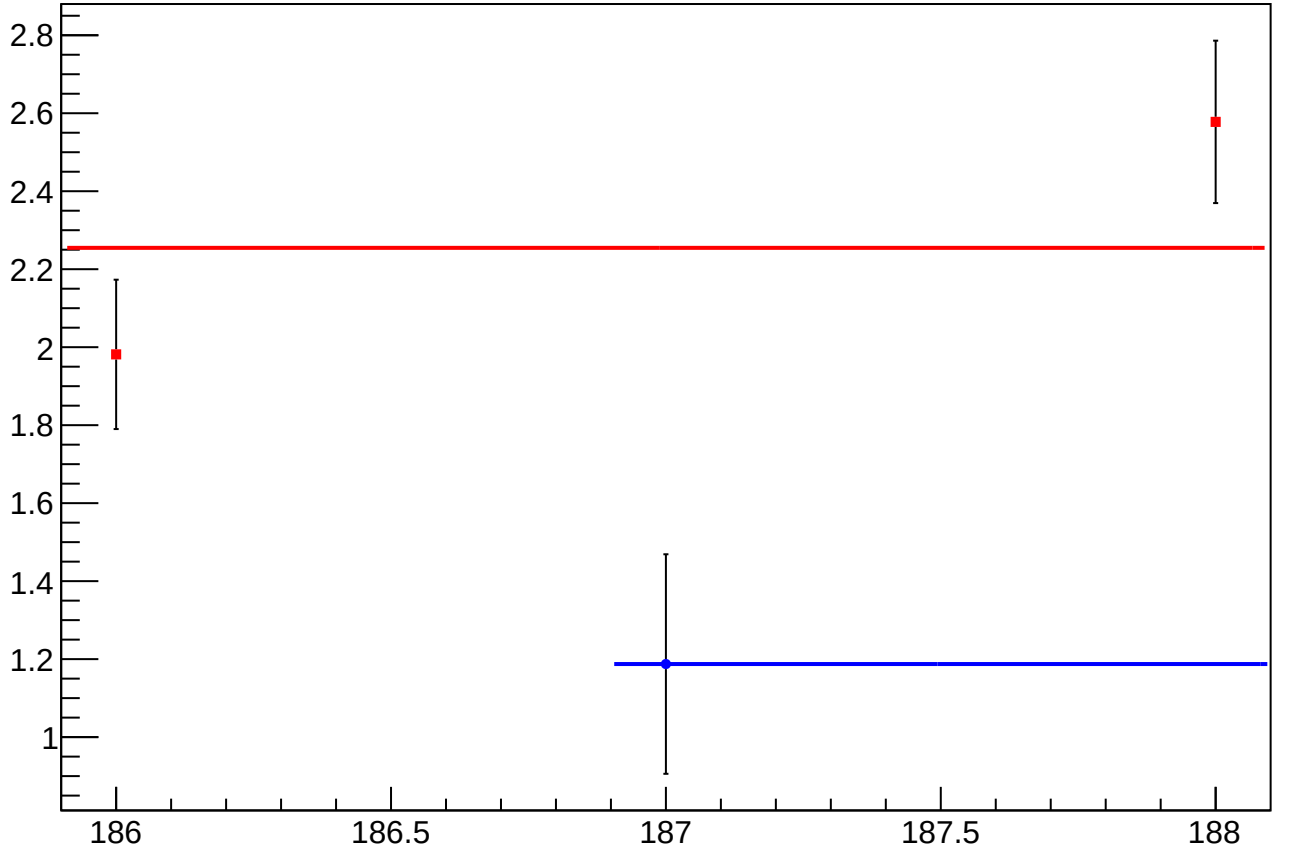
Right: 0.275+/-0.016 χ^2/NDF: 17.7/2

In: 0.269+/-0.037 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.275+/-0.016 χ^2/NDF: 17.7/2

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.187+/-0.282 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.255+/-0.141 χ^2/NDF: 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

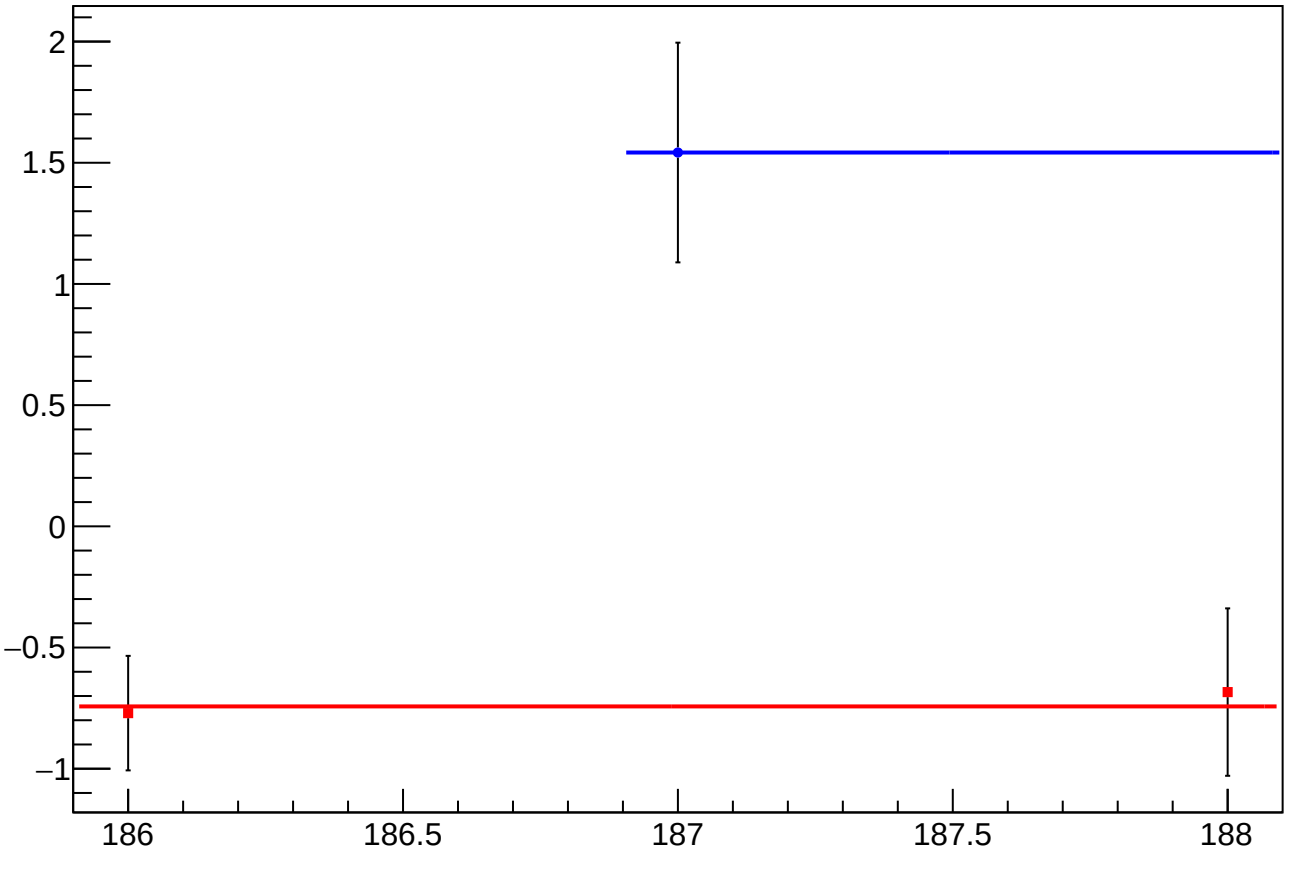
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.041+/-0.126 χ^2/NDF: 15.9/2

In: 1.187+/-0.282 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.041+/-0.126 χ^2/NDF: 15.9/2



Right In: 1.542+/-0.453 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.743+/-0.195 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

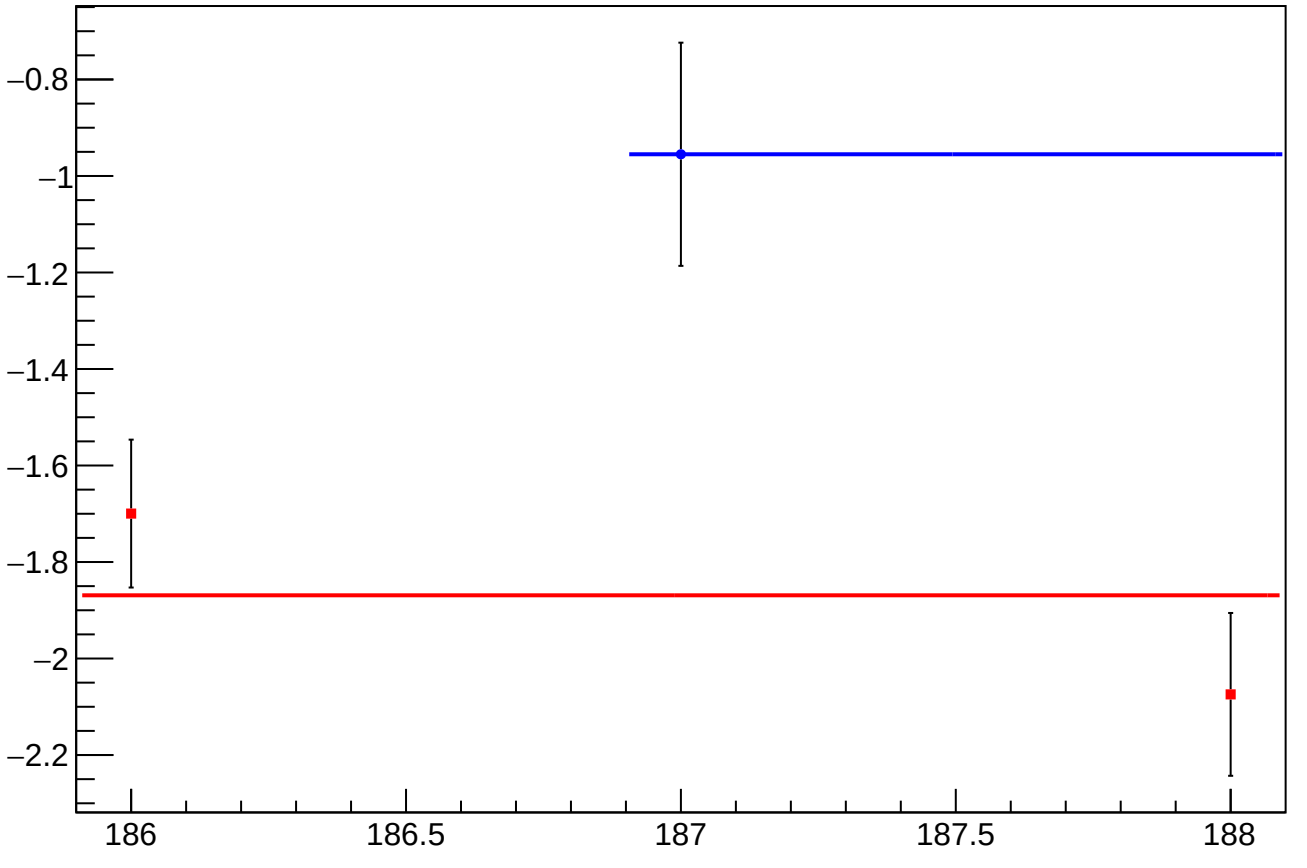
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.386+/-0.179 χ^2/NDF: 21.5/2

In: 1.542+/-0.453 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.386+/-0.179 χ^2/NDF: 21.5/2



Right In: -0.955+/-0.231 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.869+/-0.113 χ^2/NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

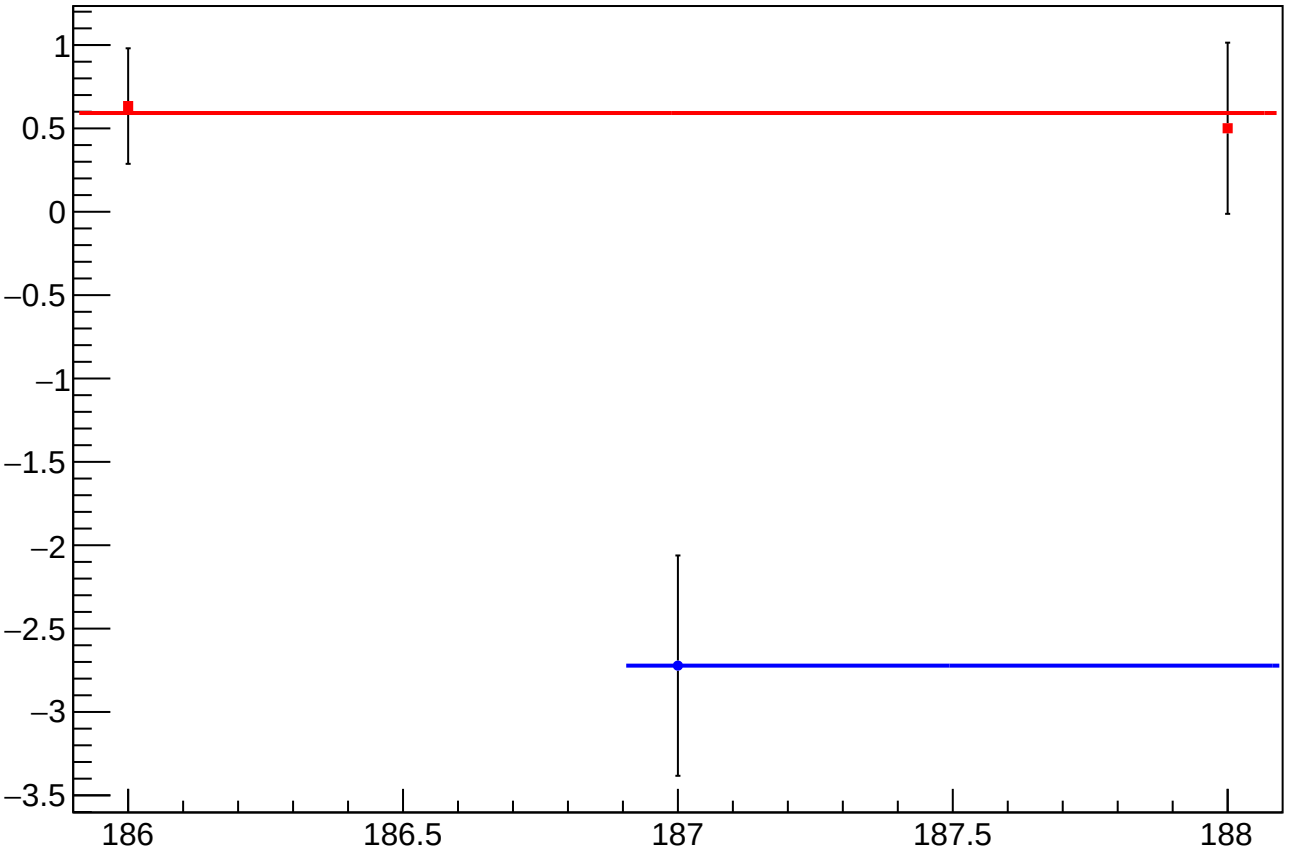
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.692+/-0.102 χ^2/NDF: 15.3/2

In: -0.955+/-0.231 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.692+/-0.102 χ^2/NDF: 15.3/2



Right In: -2.722+/-0.661 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.592+/-0.287 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

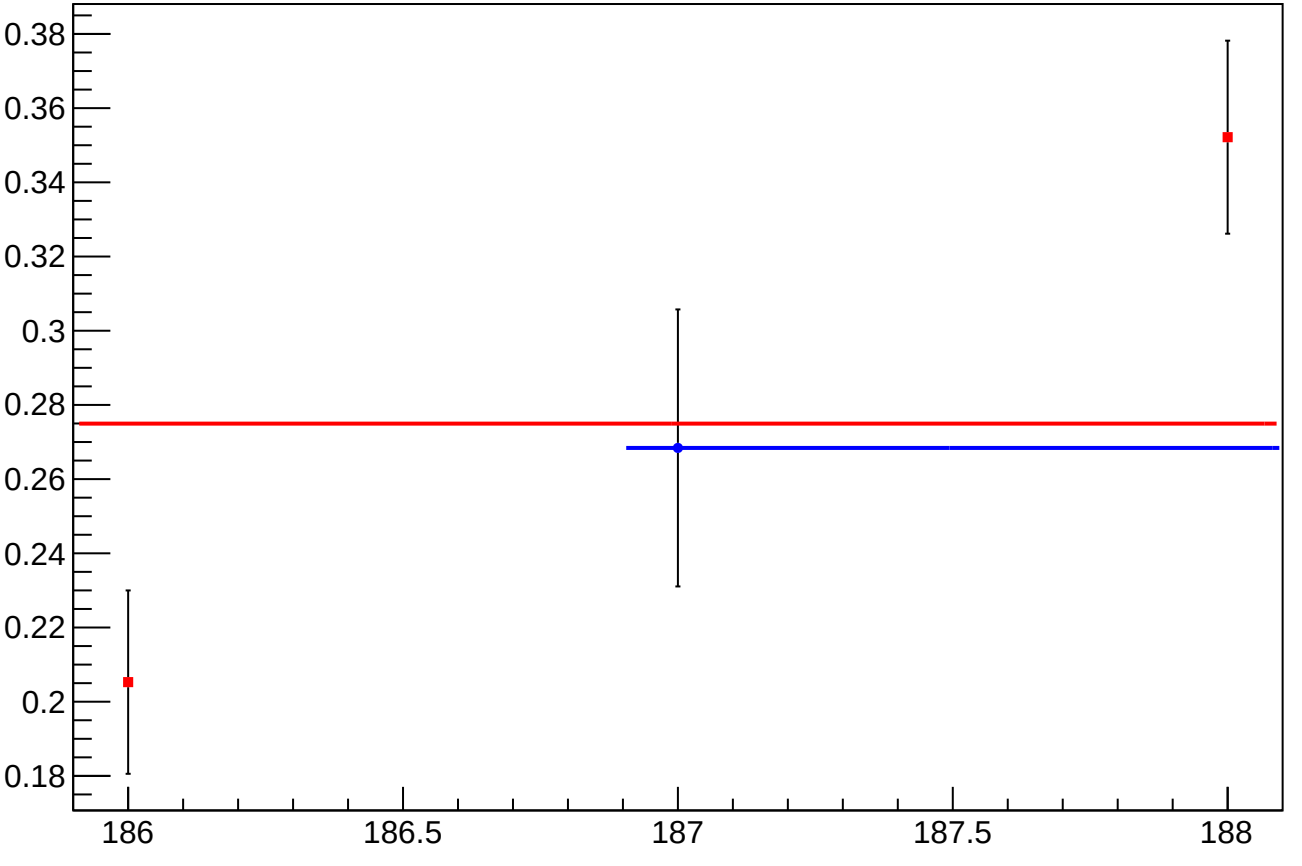
Right: 0.066+/-0.263 χ^2/NDF: 21.2/2

In: -2.722+/-0.661 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.066+/-0.263 χ^2/NDF: 21.2/2

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.268+/-0.037 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.275+/-0.018 χ^2/NDF: 16.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

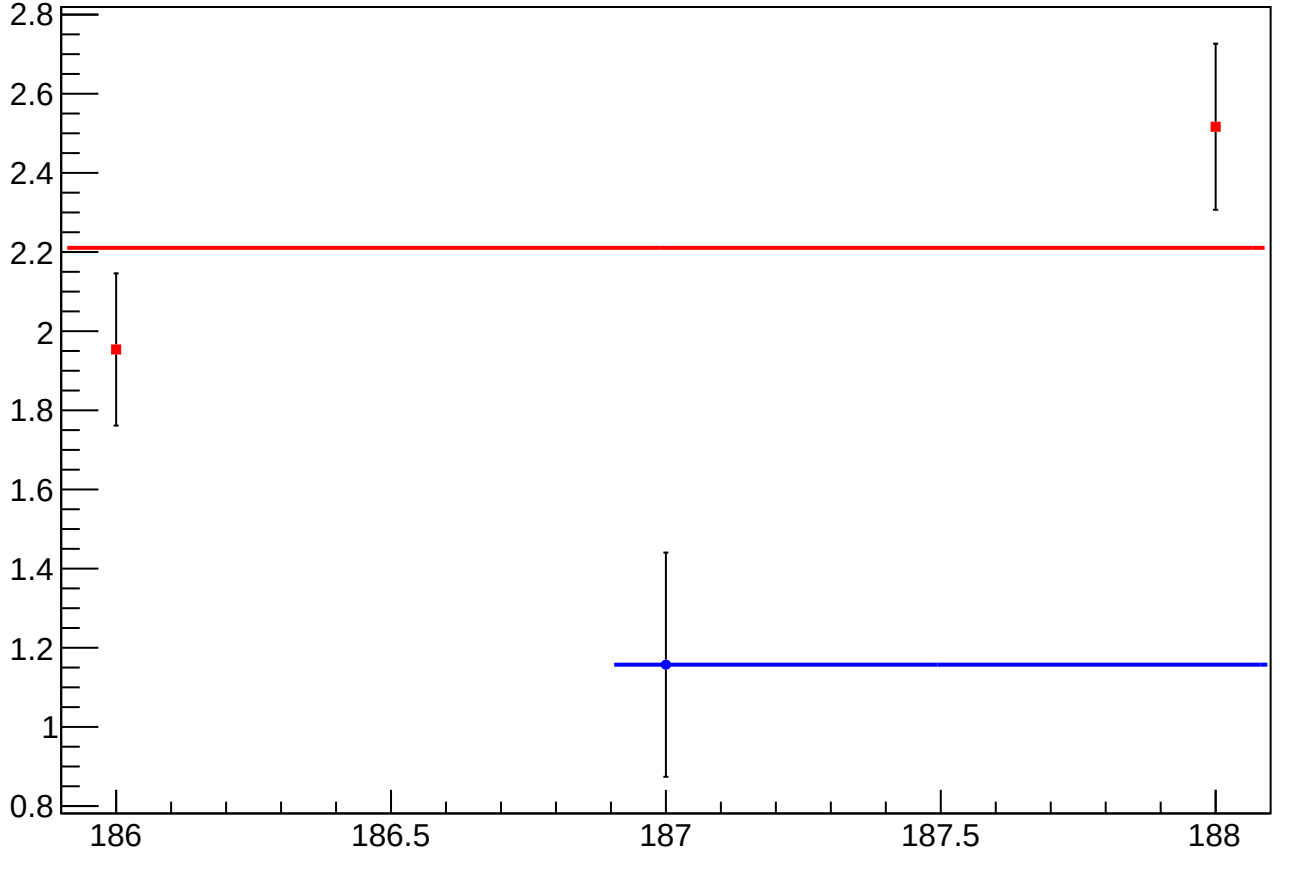
Right: 0.274+/-0.016 χ^2/NDF: 16.8/2

In: 0.268+/-0.037 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.274+/-0.016 χ^2/NDF: 16.8/2

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.157+/-0.283 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.211+/-0.142 χ^2/NDF: 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

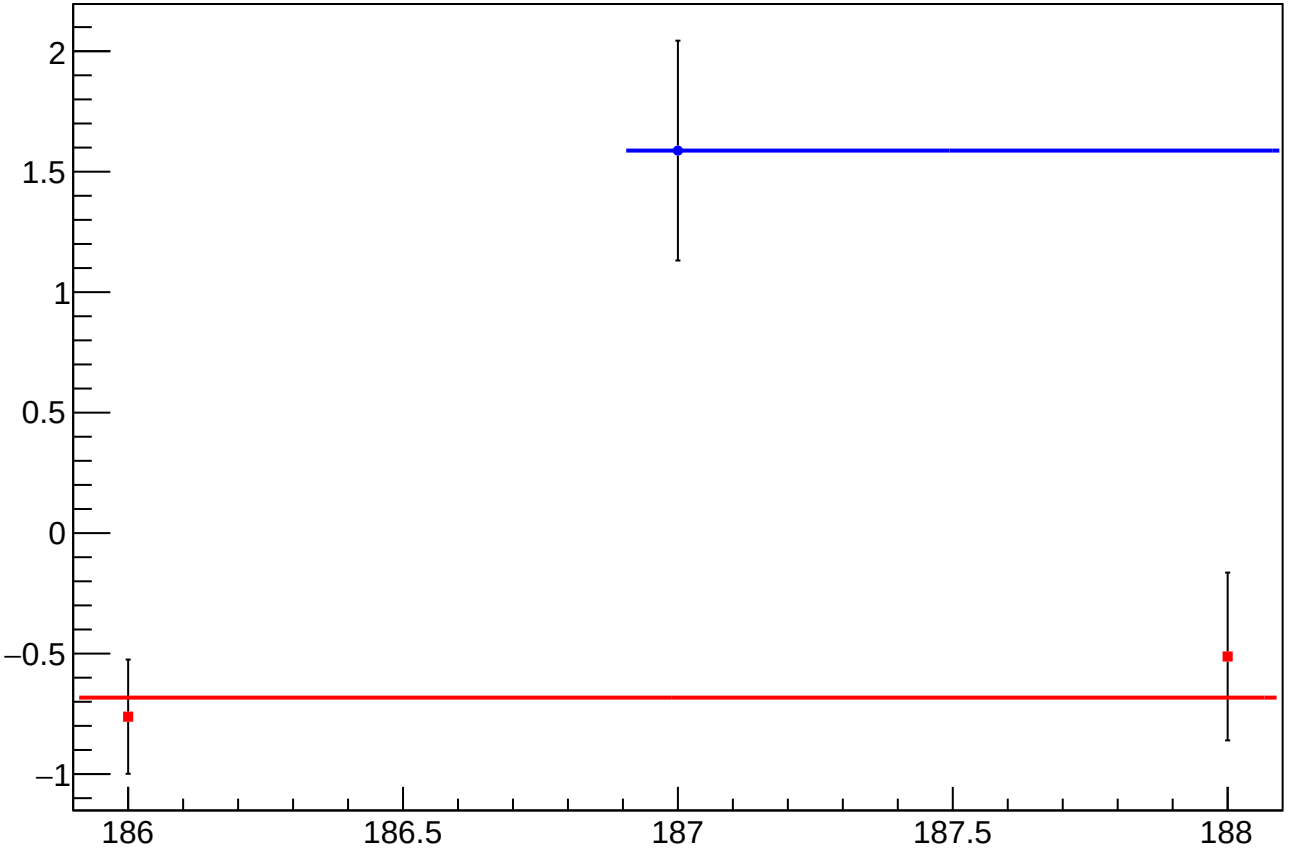
Right: 2.000+/-0.127 χ^2/NDF: 15.0/2

In: 1.157+/-0.283 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.000+/-0.127 χ^2/NDF: 15.0/2

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.588+/-0.456 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.683+/-0.196 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

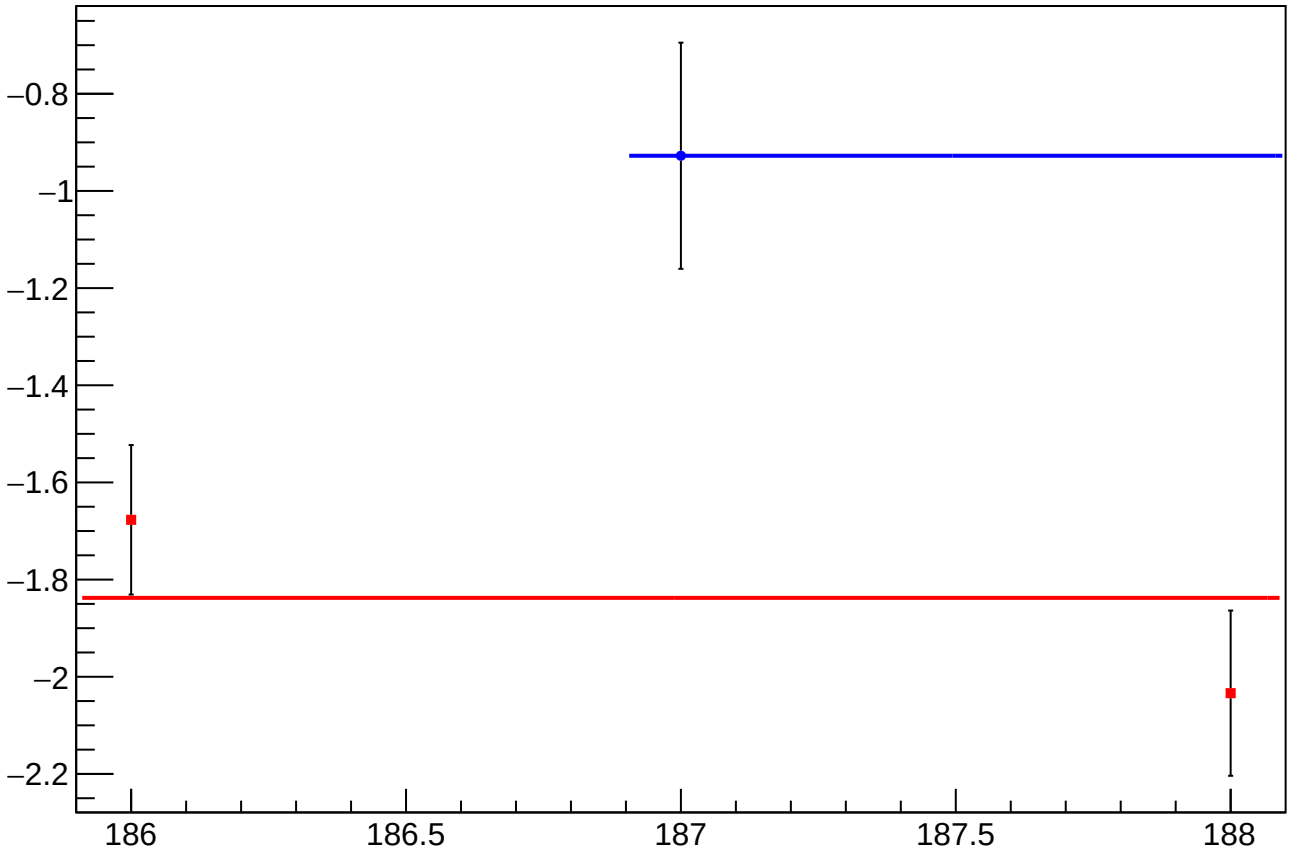
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.329+/-0.180 χ^2/NDF: 21.3/2

In: 1.588+/-0.456 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.329+/-0.180 χ^2/NDF: 21.3/2



Right In: -0.928+/-0.233 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.838+/-0.114 χ^2/NDF: 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

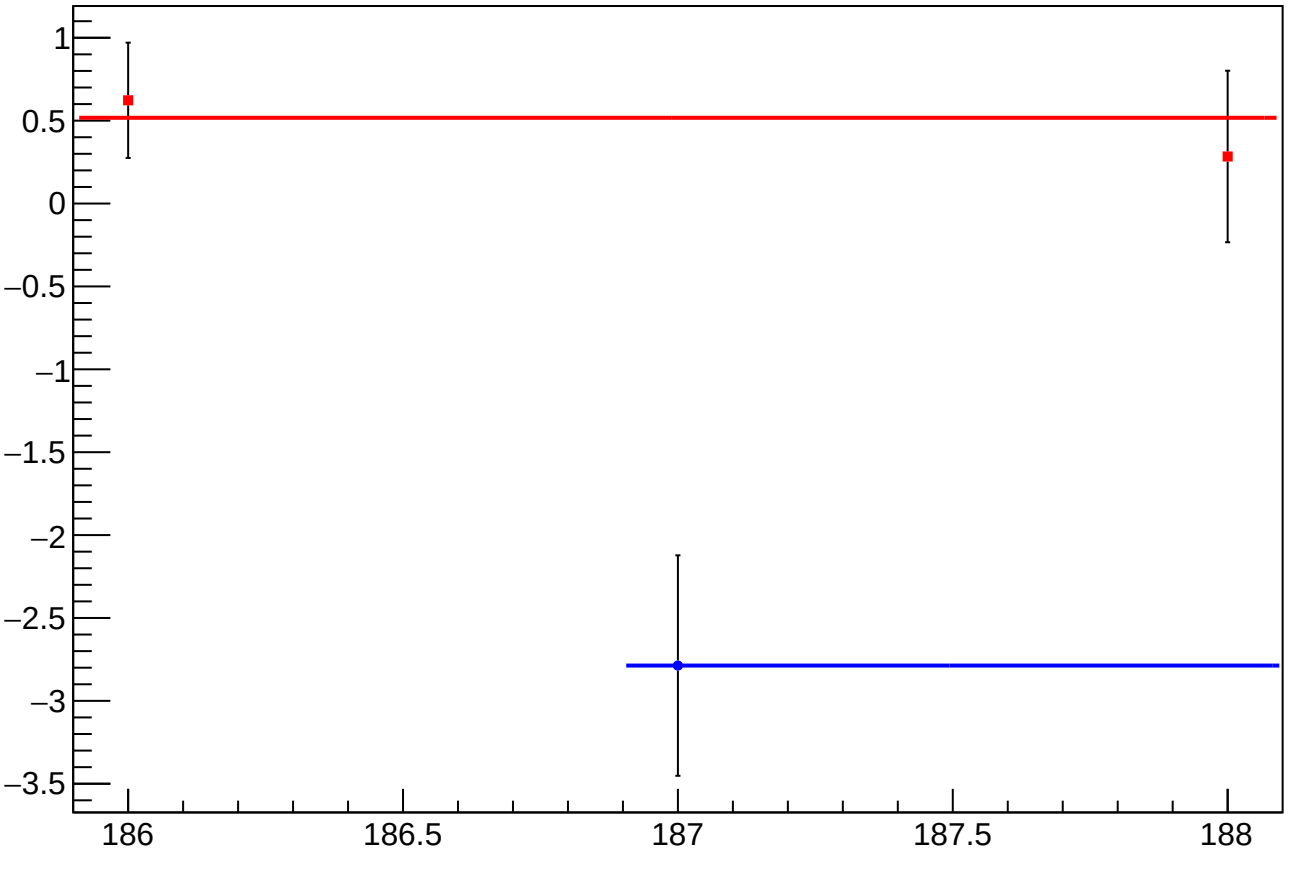
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.661+/-0.102 χ^2/NDF: 14.7/2

In: -0.928+/-0.233 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.661+/-0.102 χ^2/NDF: 14.7/2



Right In: -2.787+/-0.665 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.517+/-0.289 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

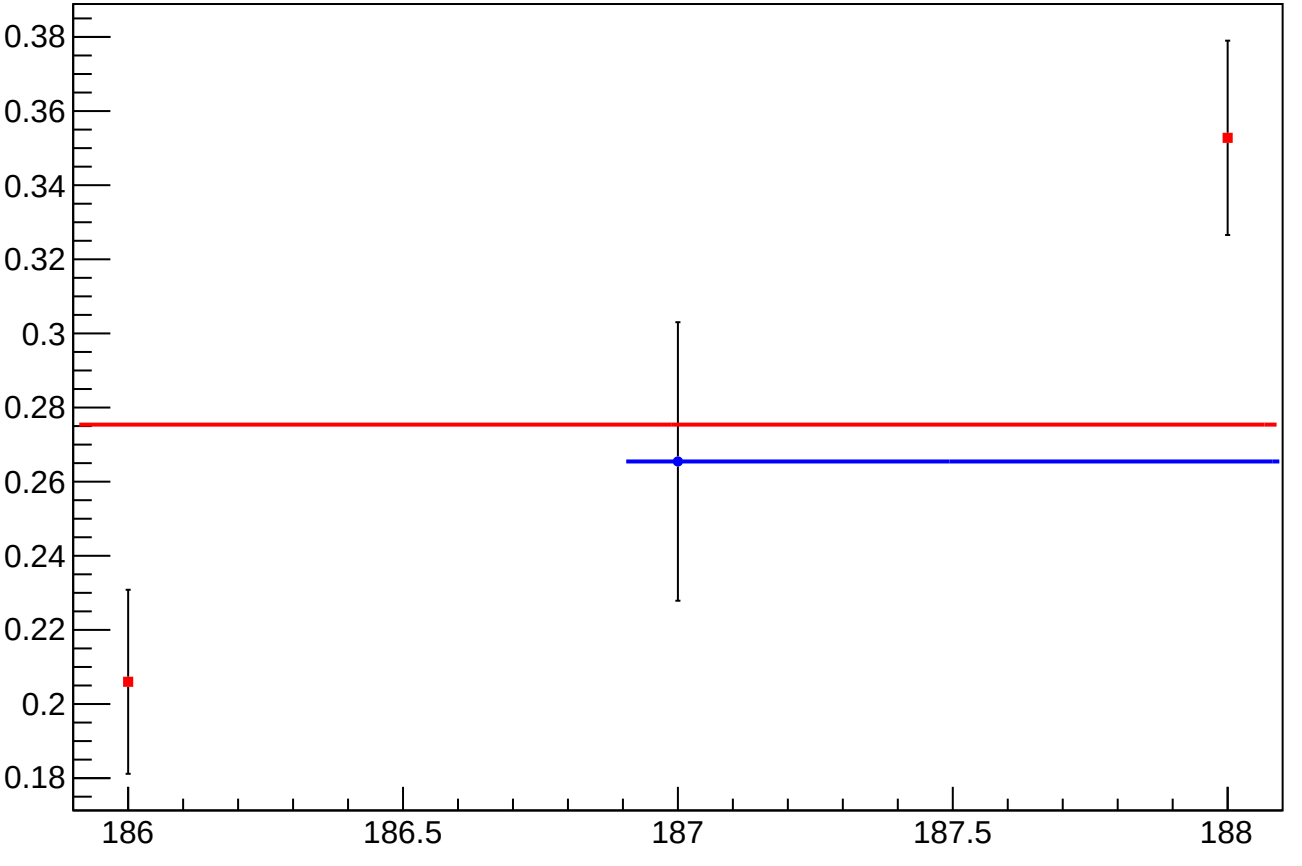
Right: -0.006+/-0.265 χ^2/NDF: 21.1/2

In: -2.787+/-0.665 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.006+/-0.265 χ^2/NDF: 21.1/2

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.265+/-0.038 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.275+/-0.018 χ^2/NDF: 16.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

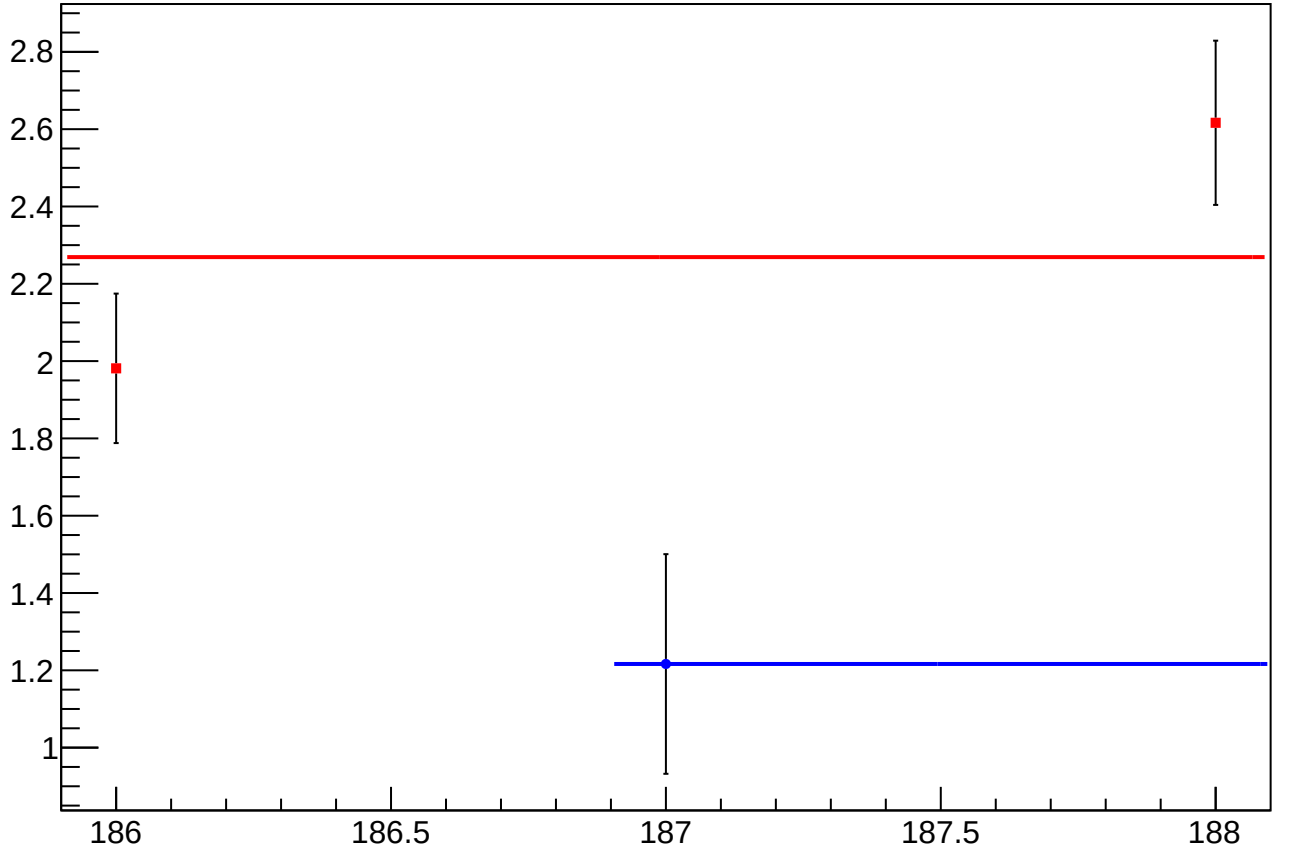
Right: 0.274+/-0.016 χ^2/NDF: 16.6/2

In: 0.265+/-0.038 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.274+/-0.016 χ^2/NDF: 16.6/2

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.216+/-0.284 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.269+/-0.143 χ^2/NDF: 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

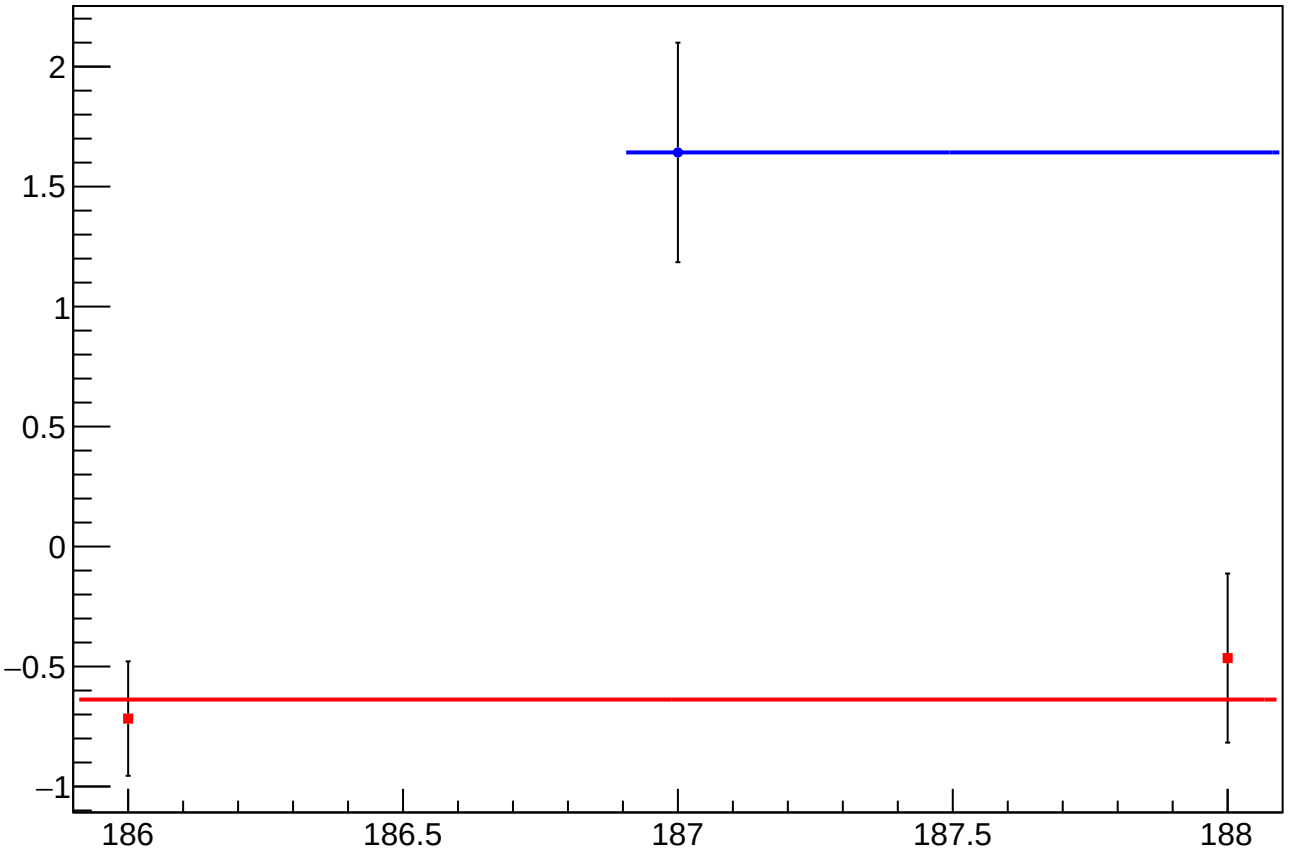
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.056+/-0.128 χ^2/NDF: 15.8/2

In: 1.216+/-0.284 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.056+/-0.128 χ^2/NDF: 15.8/2



Right In: 1.642+/-0.457 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.638+/-0.197 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

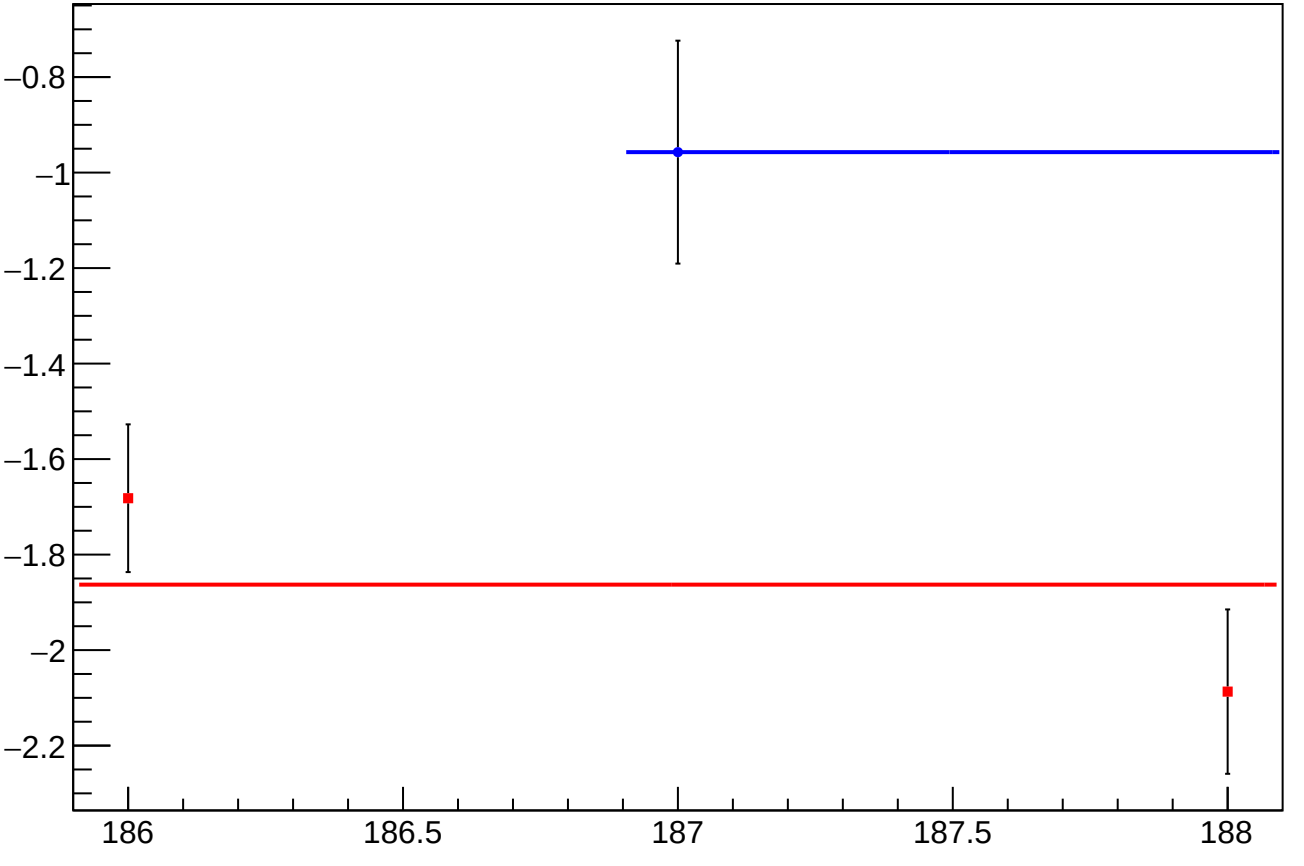
Right: -0.280+/-0.181 χ^2/NDF: 21.3/2

In: 1.642+/-0.457 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.280+/-0.181 χ^2/NDF: 21.3/2

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.957+/-0.233 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.863+/-0.115 χ^2/NDF: 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

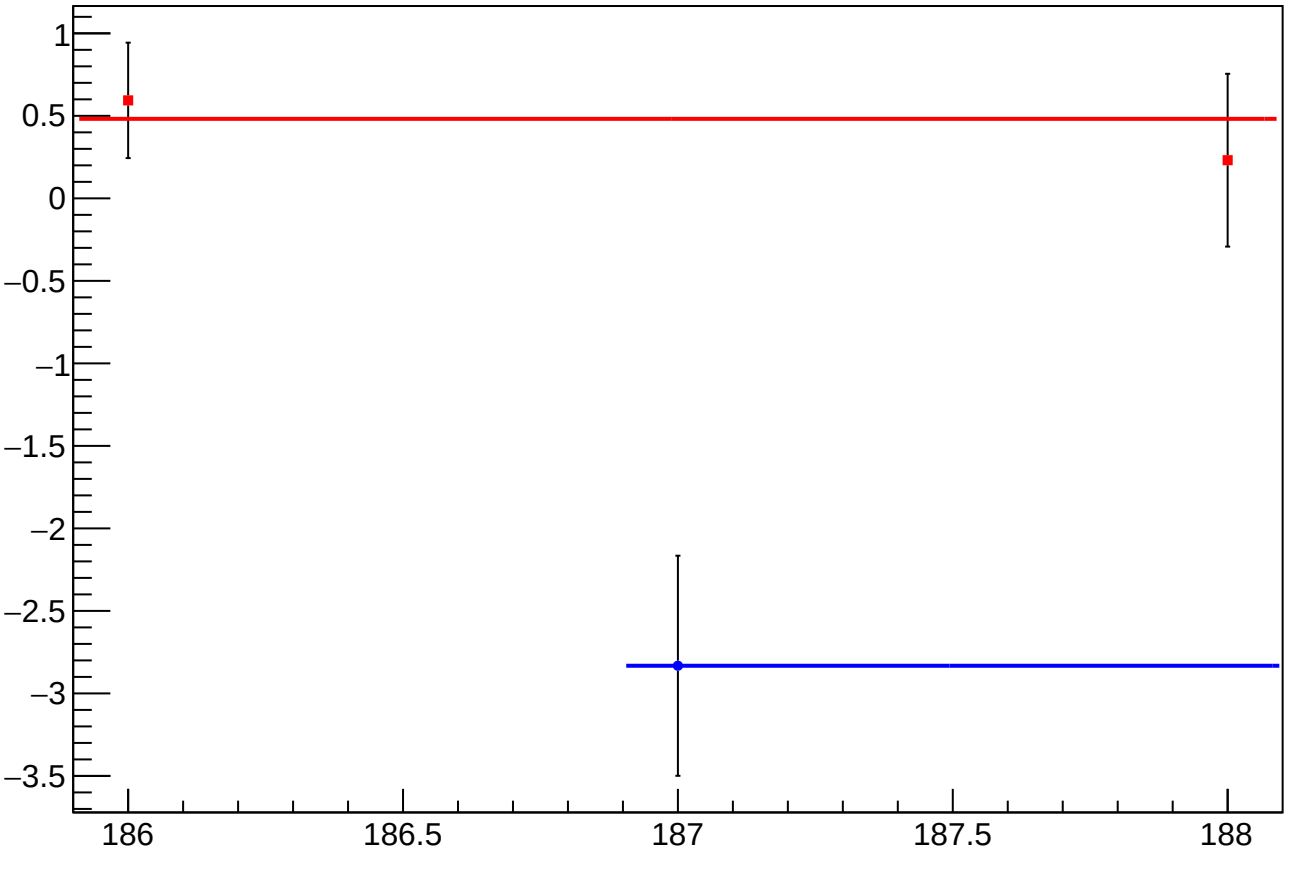
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.686+/-0.103 χ^2/NDF: 15.2/2

In: -0.957+/-0.233 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.686+/-0.103 χ^2/NDF: 15.2/2



Right In: -2.832+/-0.667 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.482+/-0.291 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

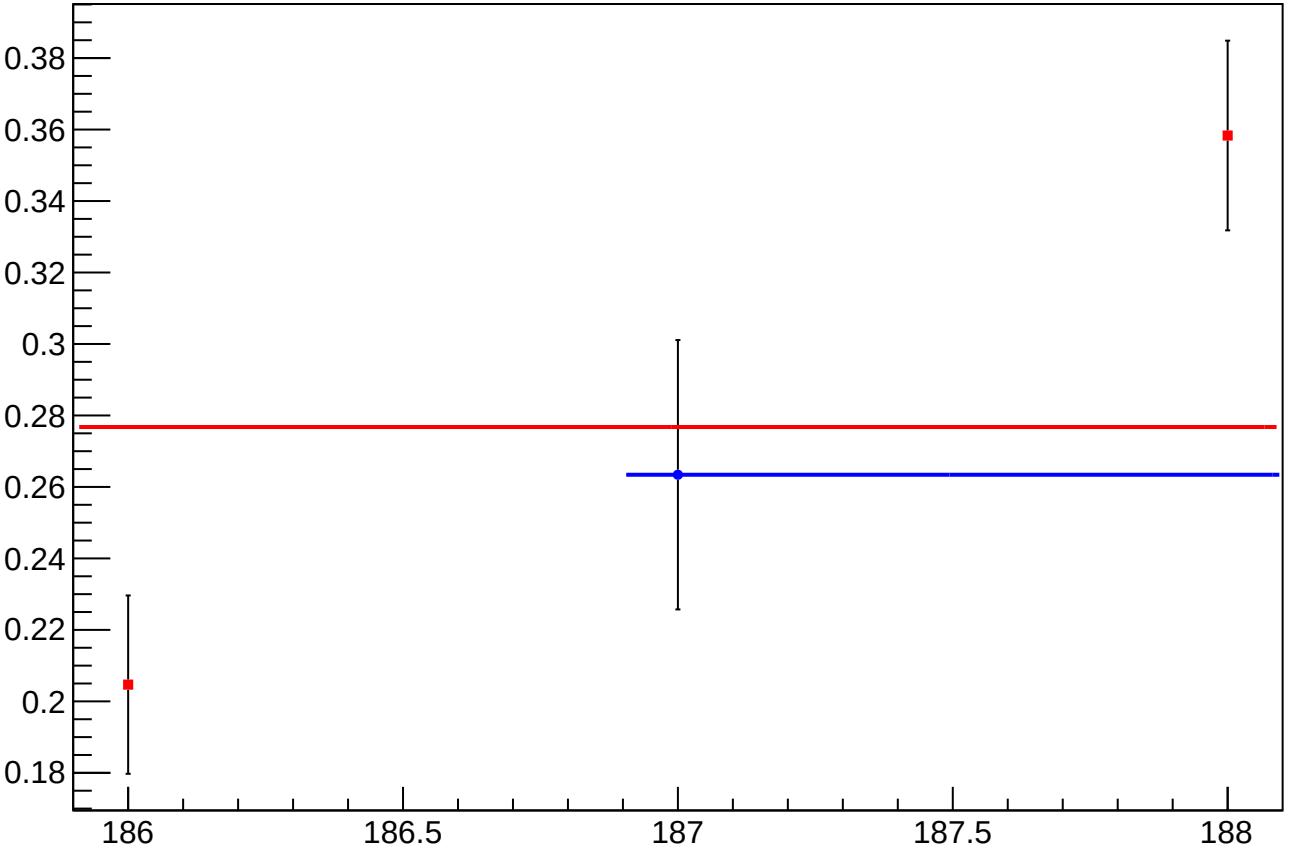
Right: -0.048+/-0.267 χ^2/NDF: 21.1/2

In: -2.832+/-0.667 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.048+/-0.267 χ^2/NDF: 21.1/2

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.263+/-0.038 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.277+/-0.018 χ^2/NDF: 17.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.274+/-0.016 χ^2/NDF: 17.9/2

In: 0.263+/-0.038 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.274+/-0.016 χ^2/NDF: 17.9/2