Action and phase jump (APJ) to estimate corrections at LHC high luminosity IRs

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and

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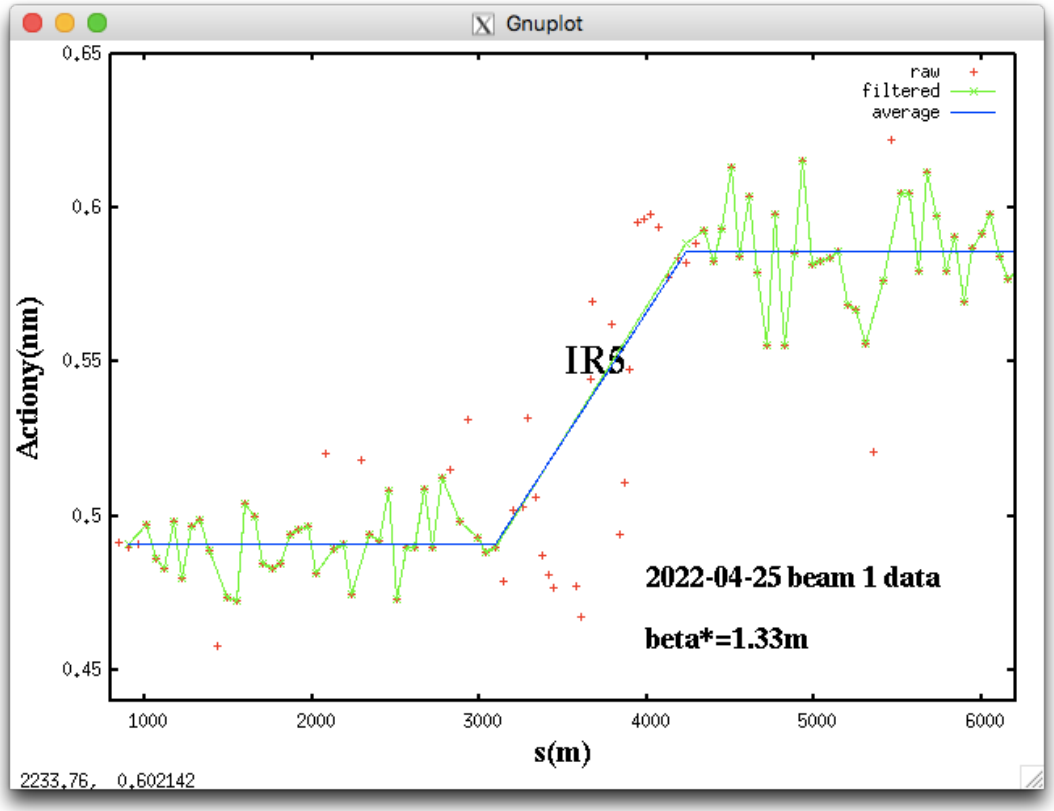
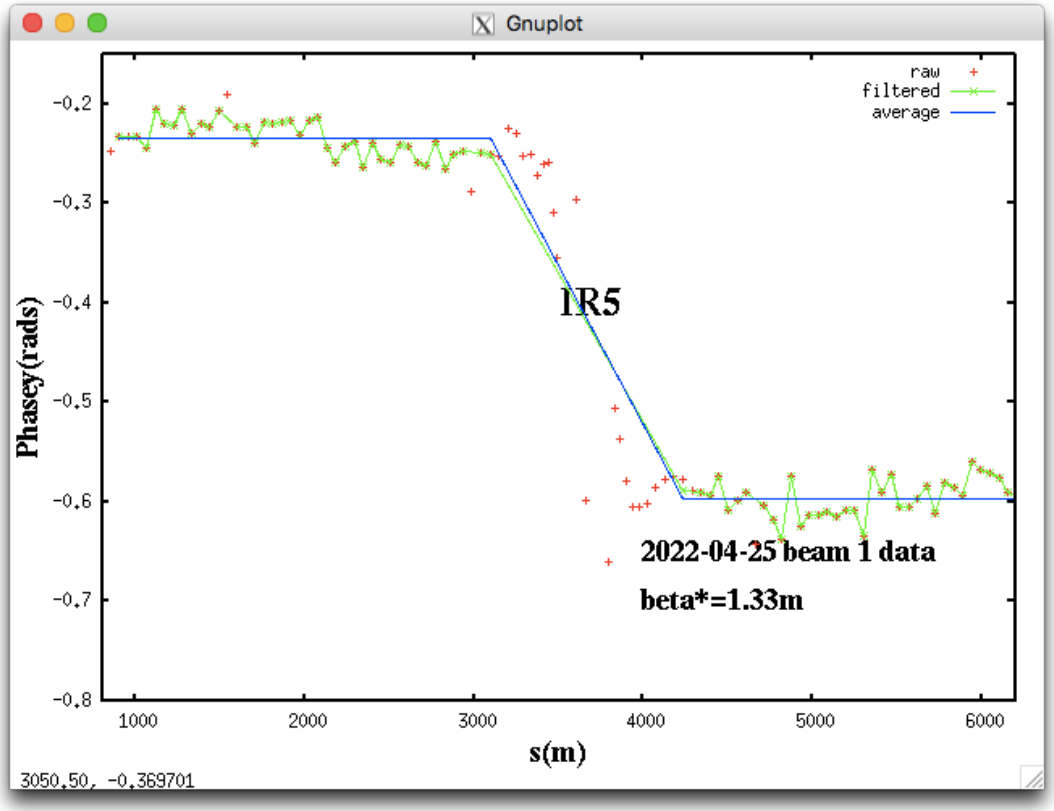
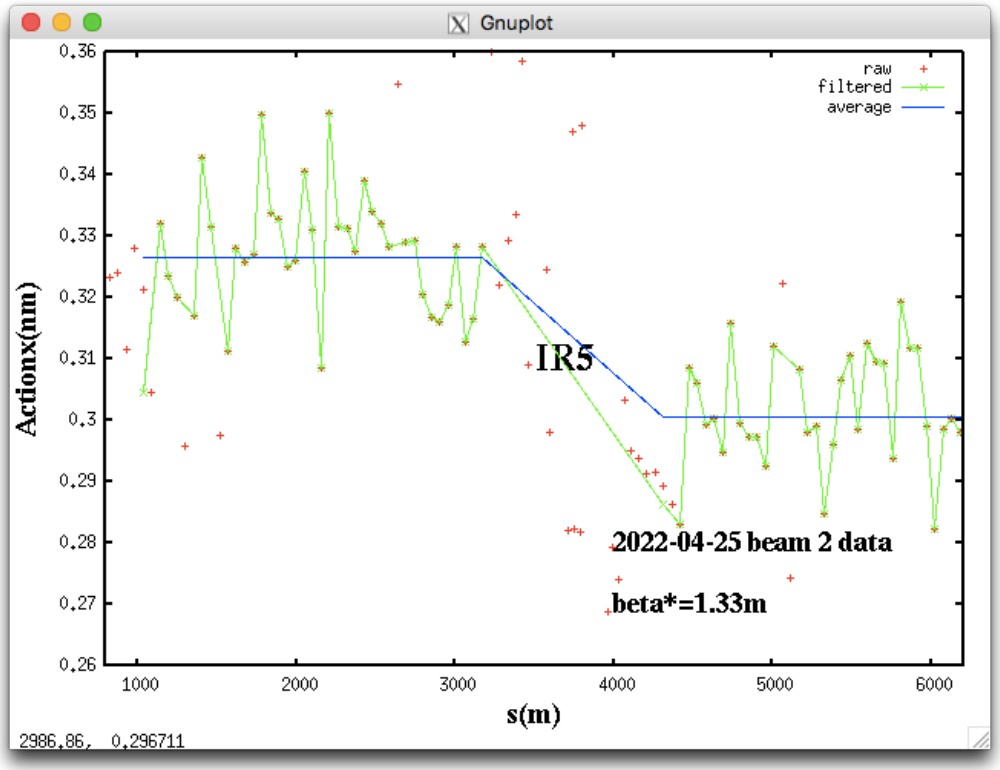
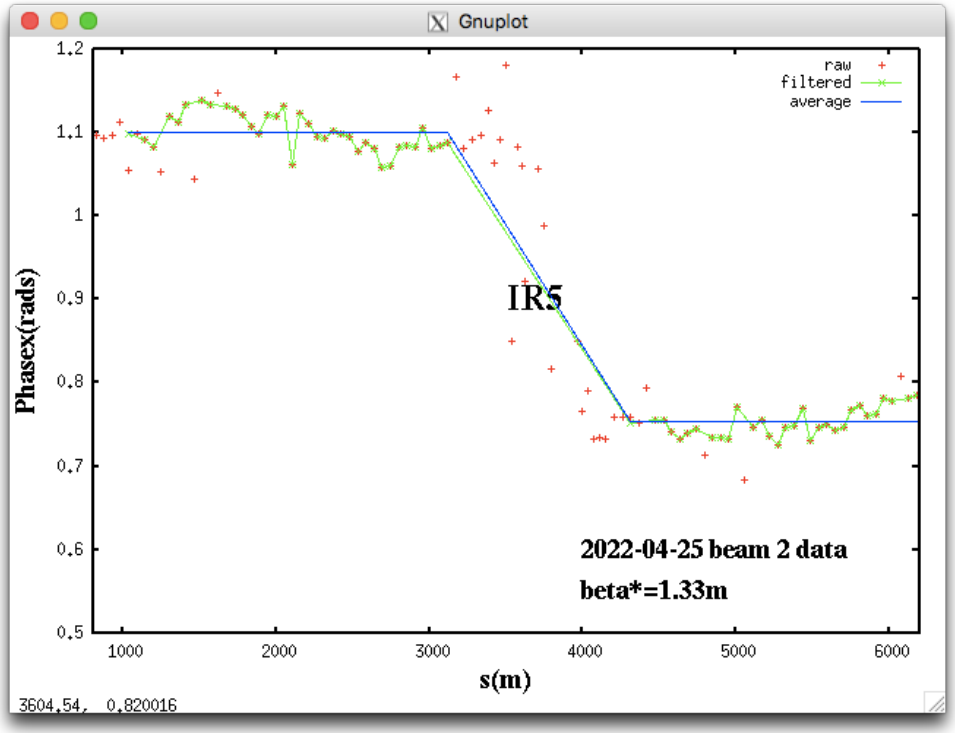
Action and Phase Jump (APJ) to estimate corrections at IR5 with beam 1





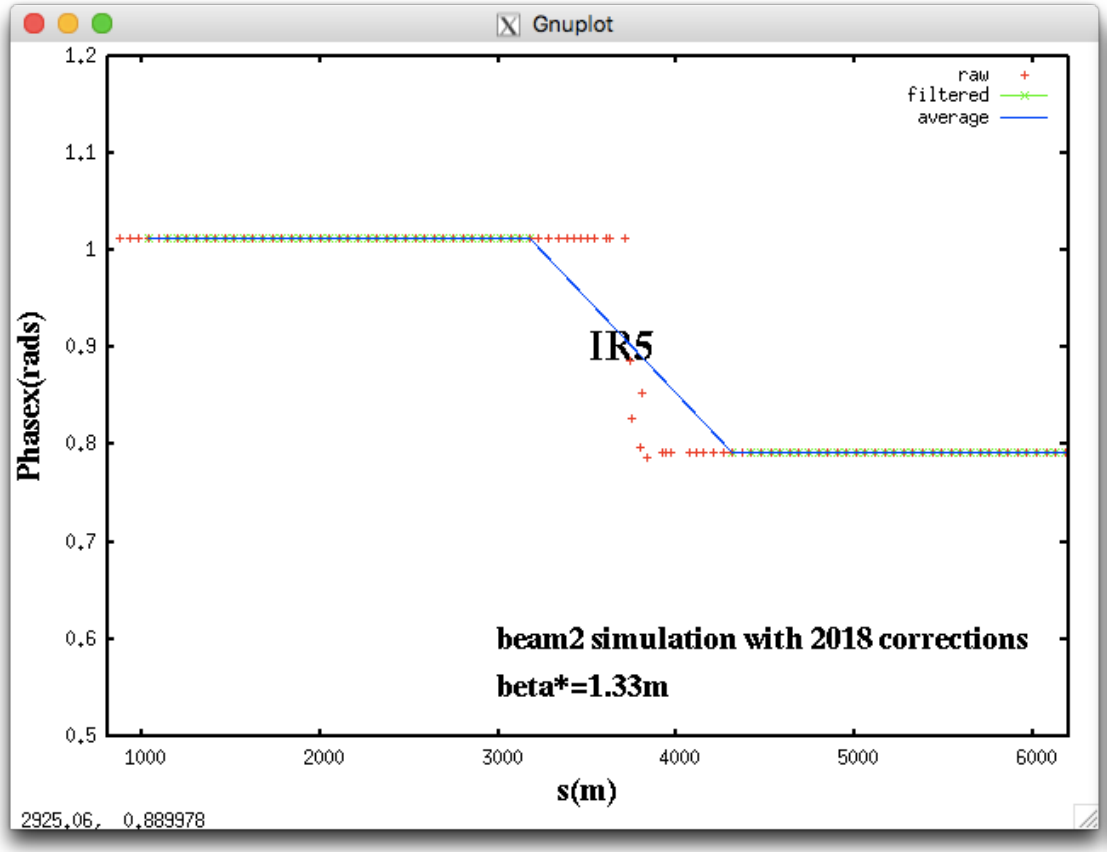
Action and Phase Jump (APJ) to estimate corrections at IR5 with beam 2

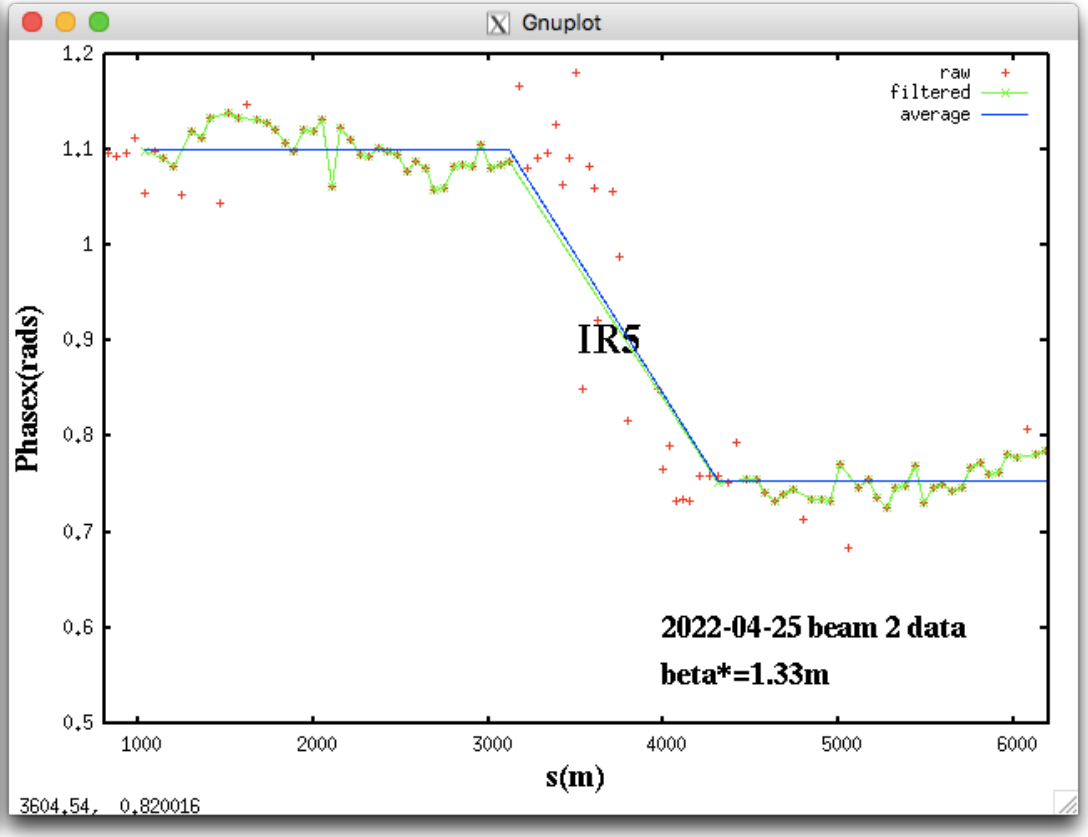




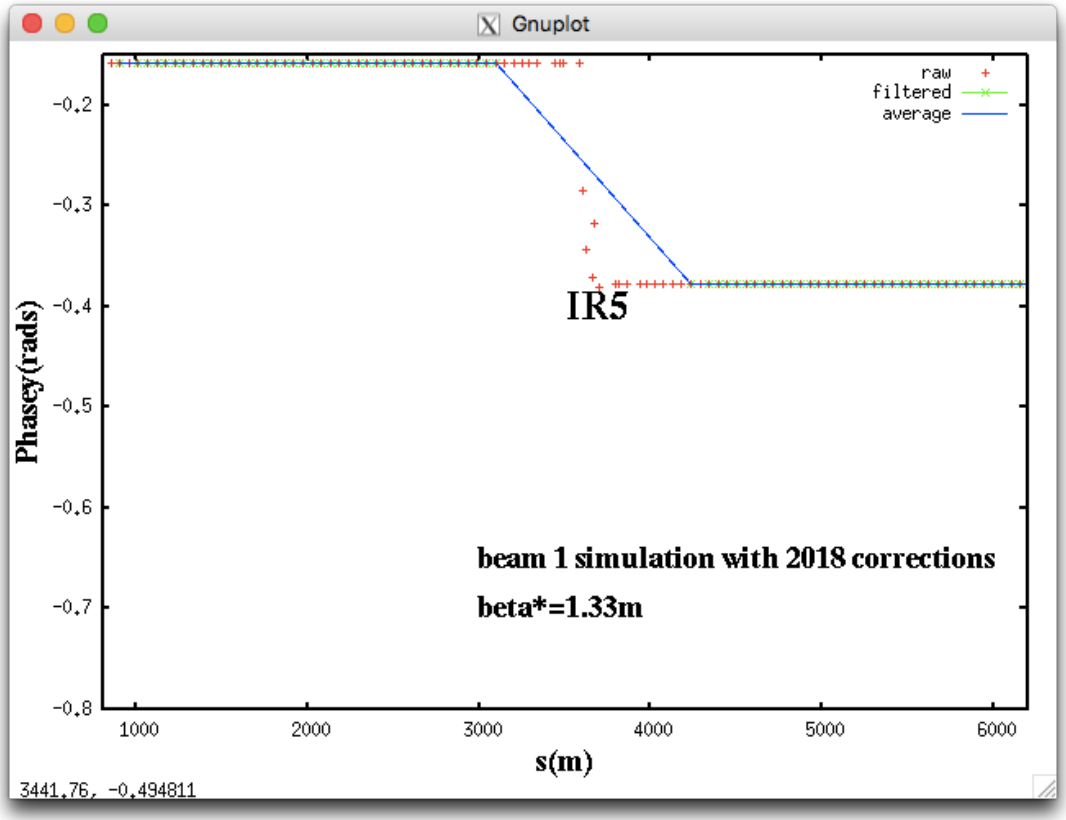
APJ method: J. Cardona, A.C. García, R. Tomás, PRAB 20, 111004 (2017)

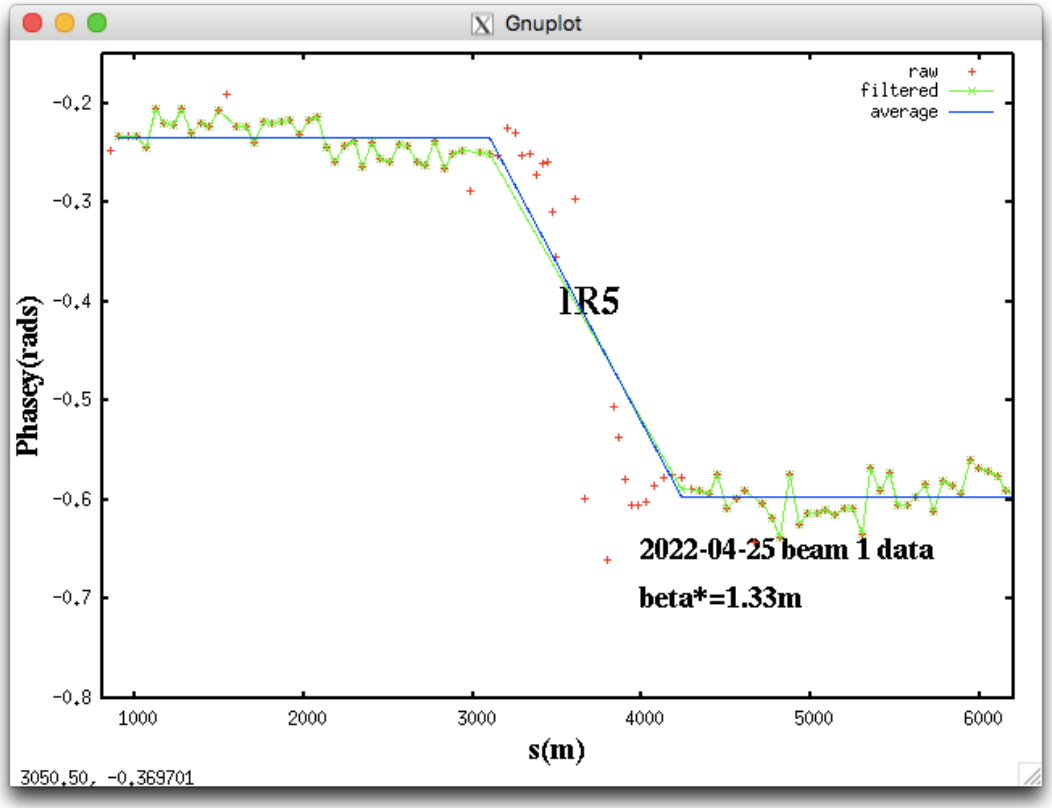
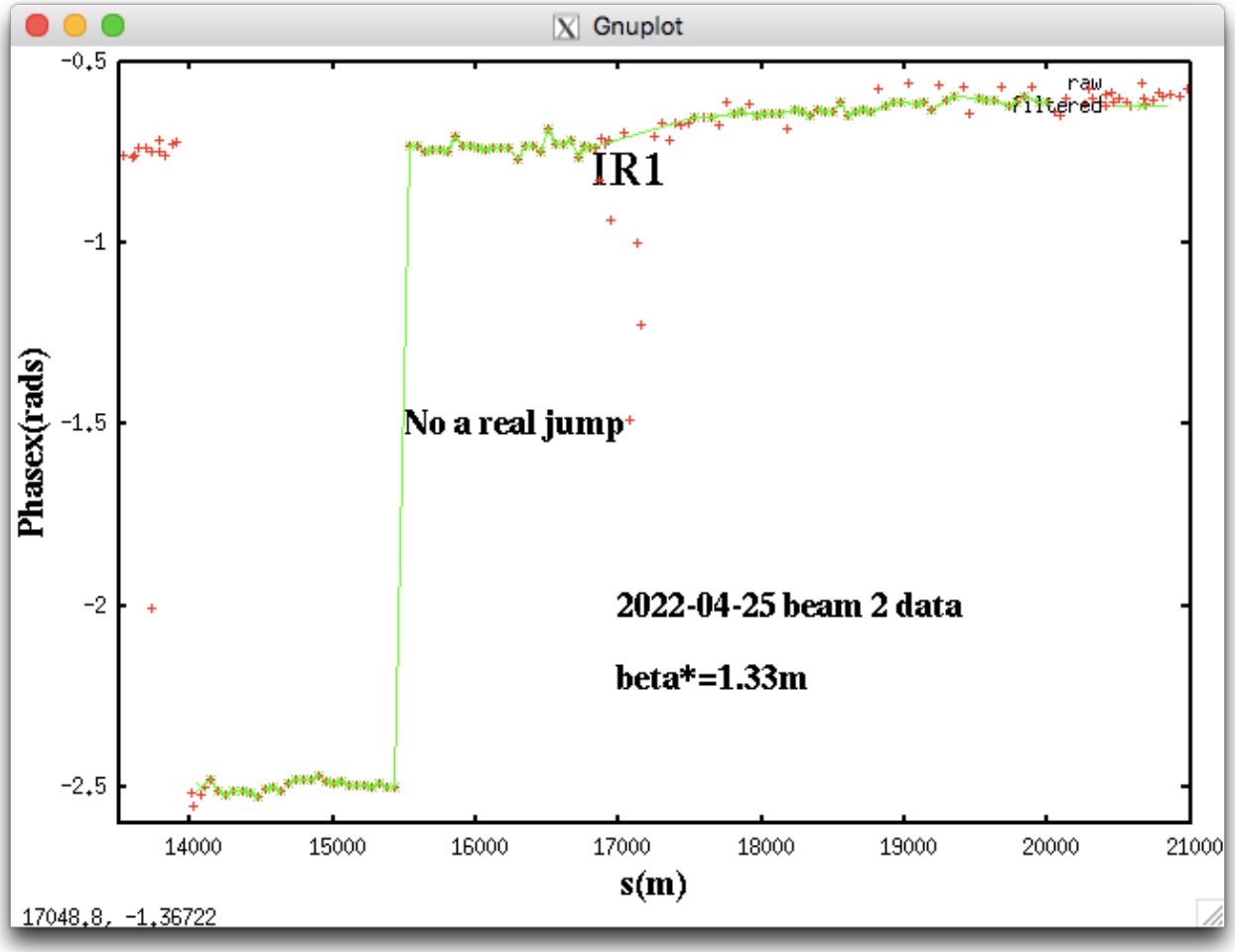
Beam2 simulations with 2018 corrections





Beam 1 simulations with 2018 corrections





Still some issues with IR1 APJ plots