

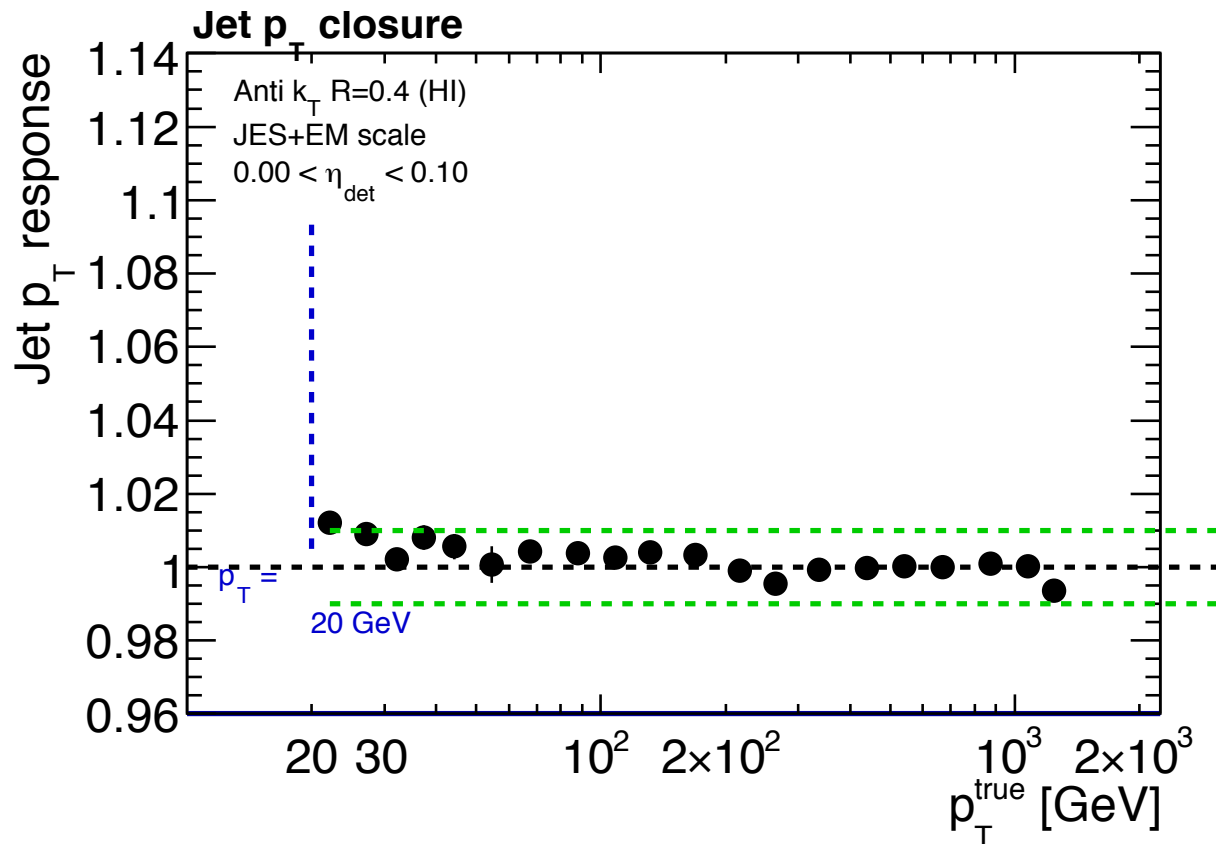
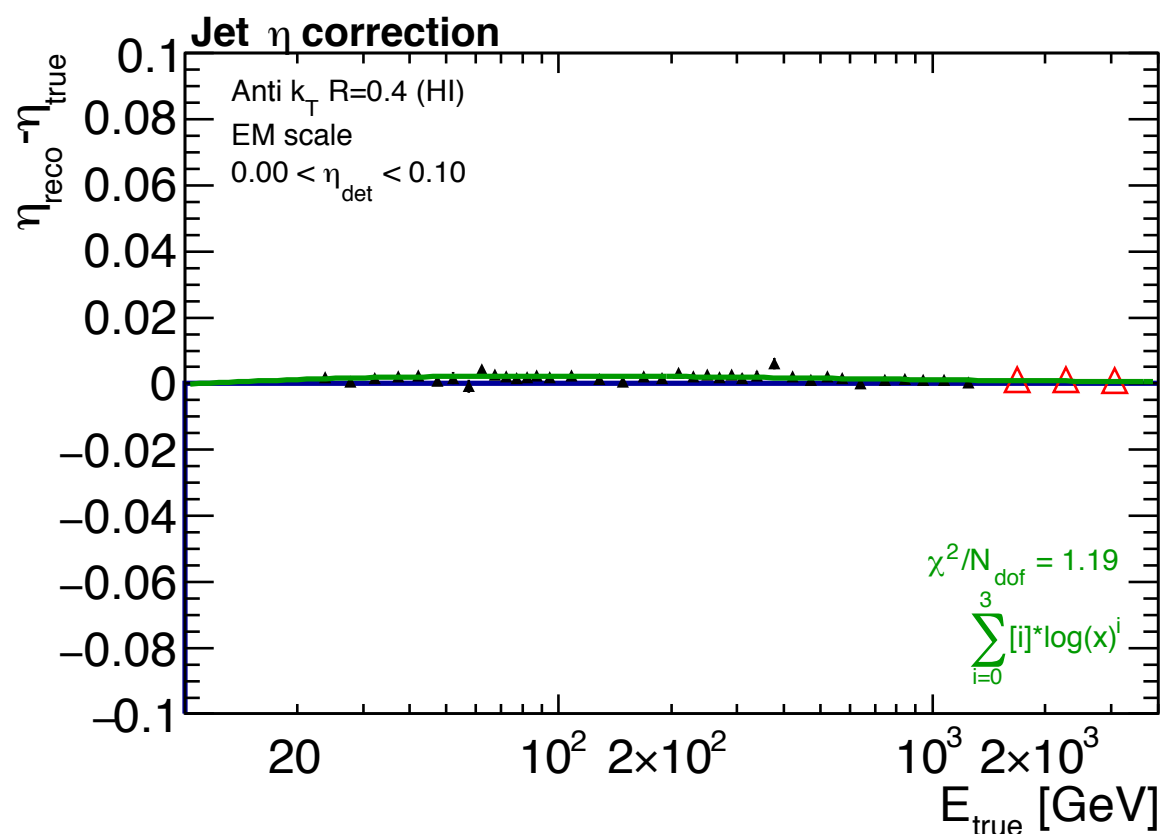
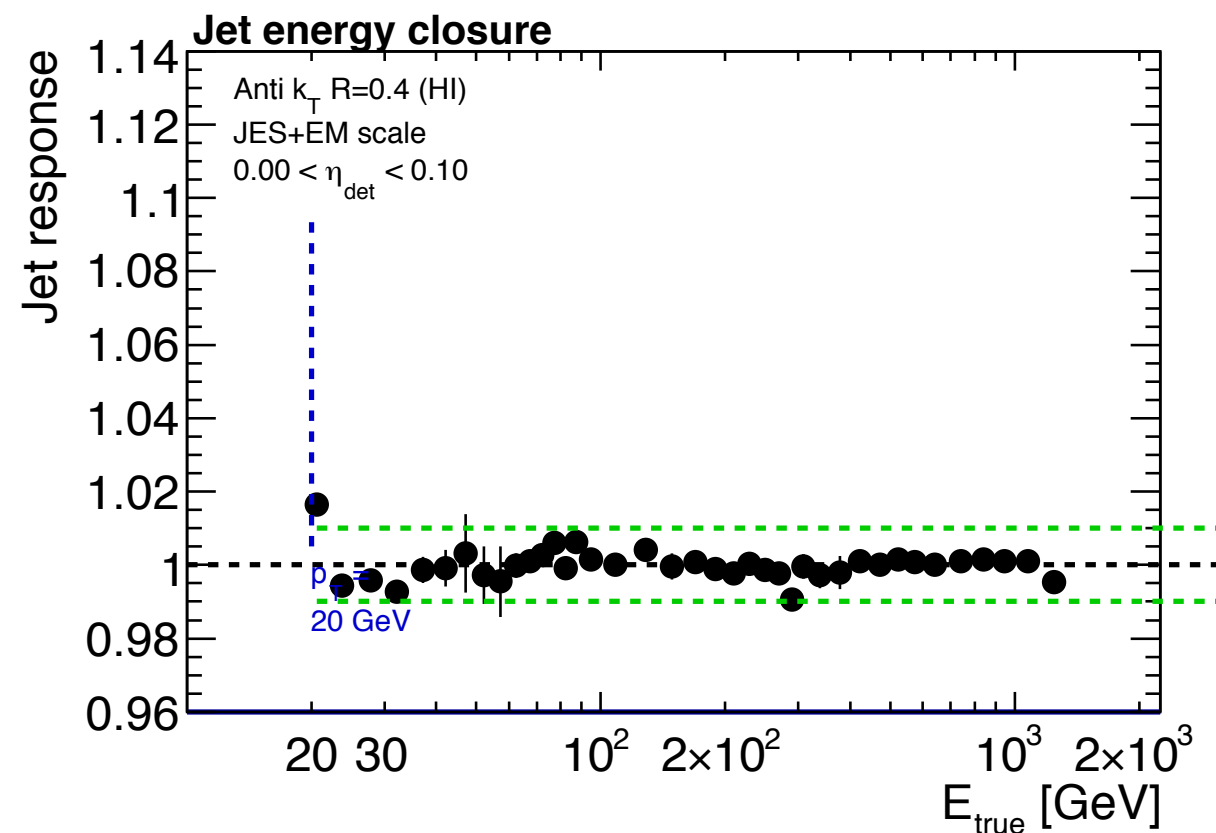
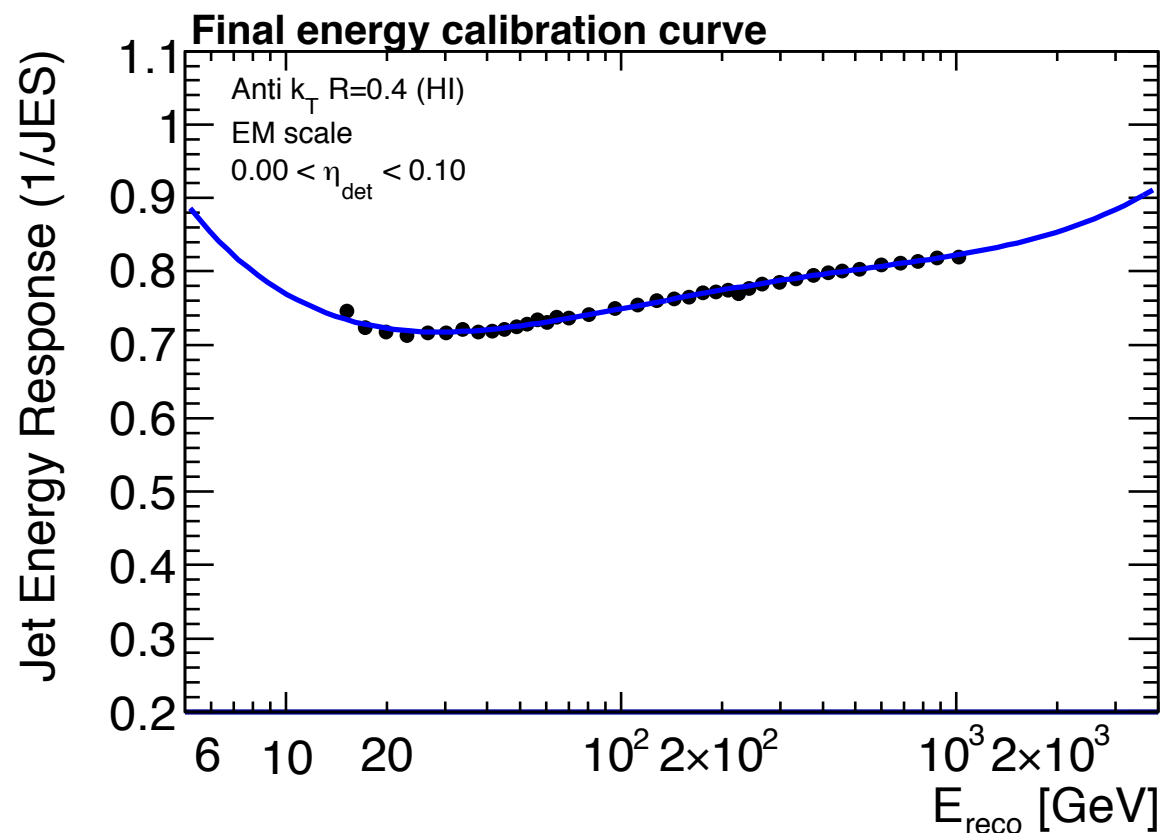
2016 p - Pb JES calibration - status update

Jeff Ouellette, CU Boulder
4/9/2018

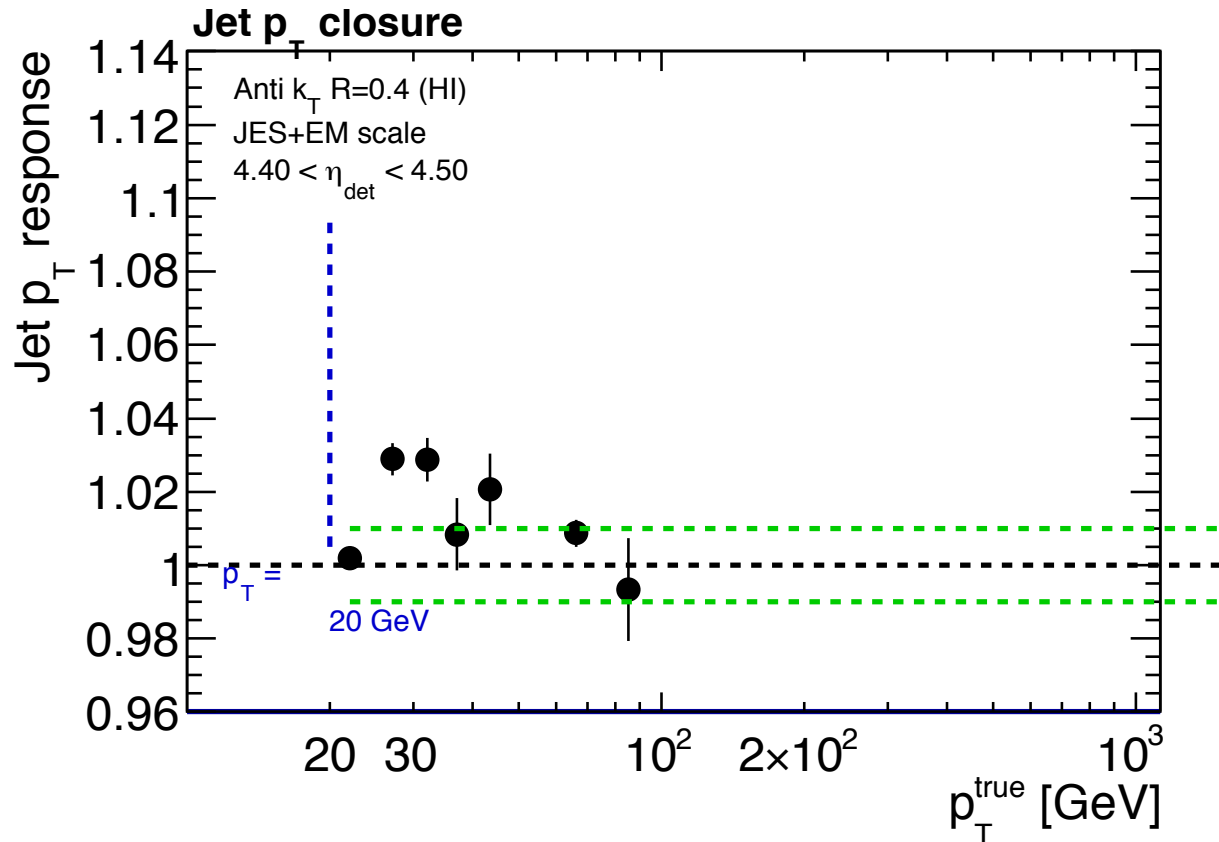
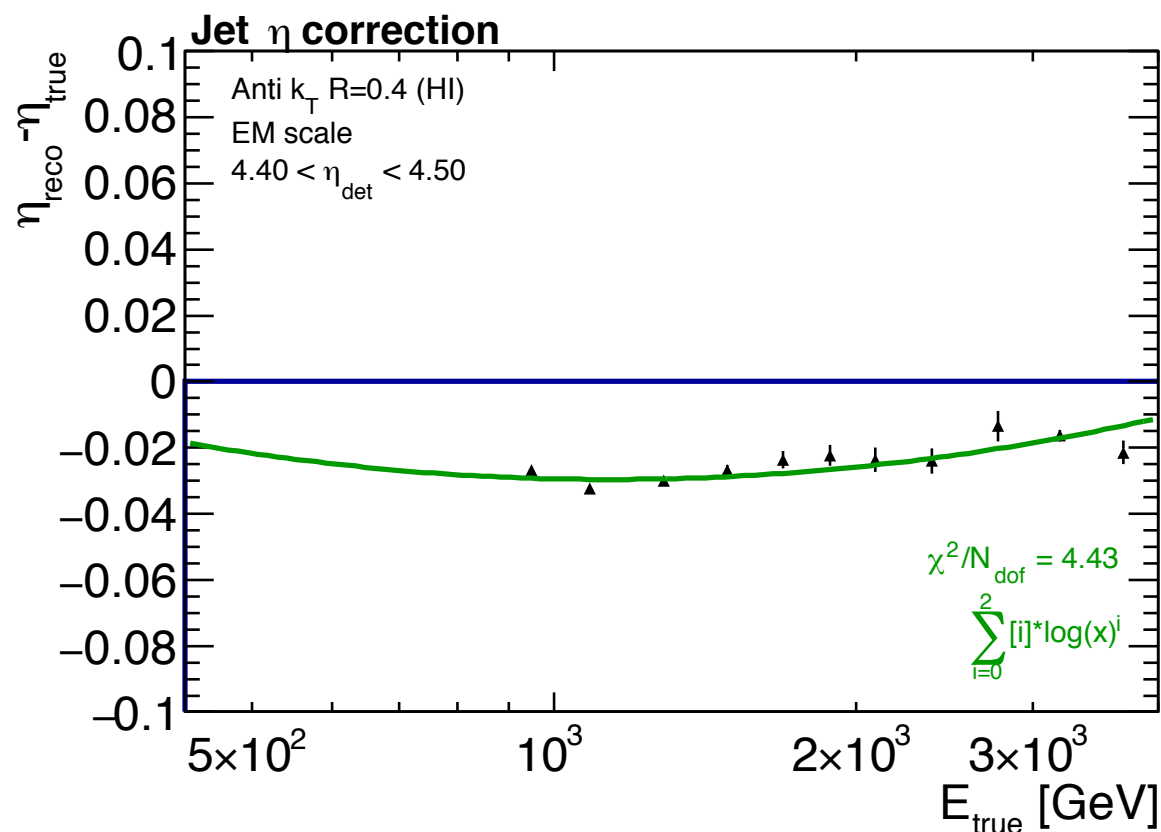
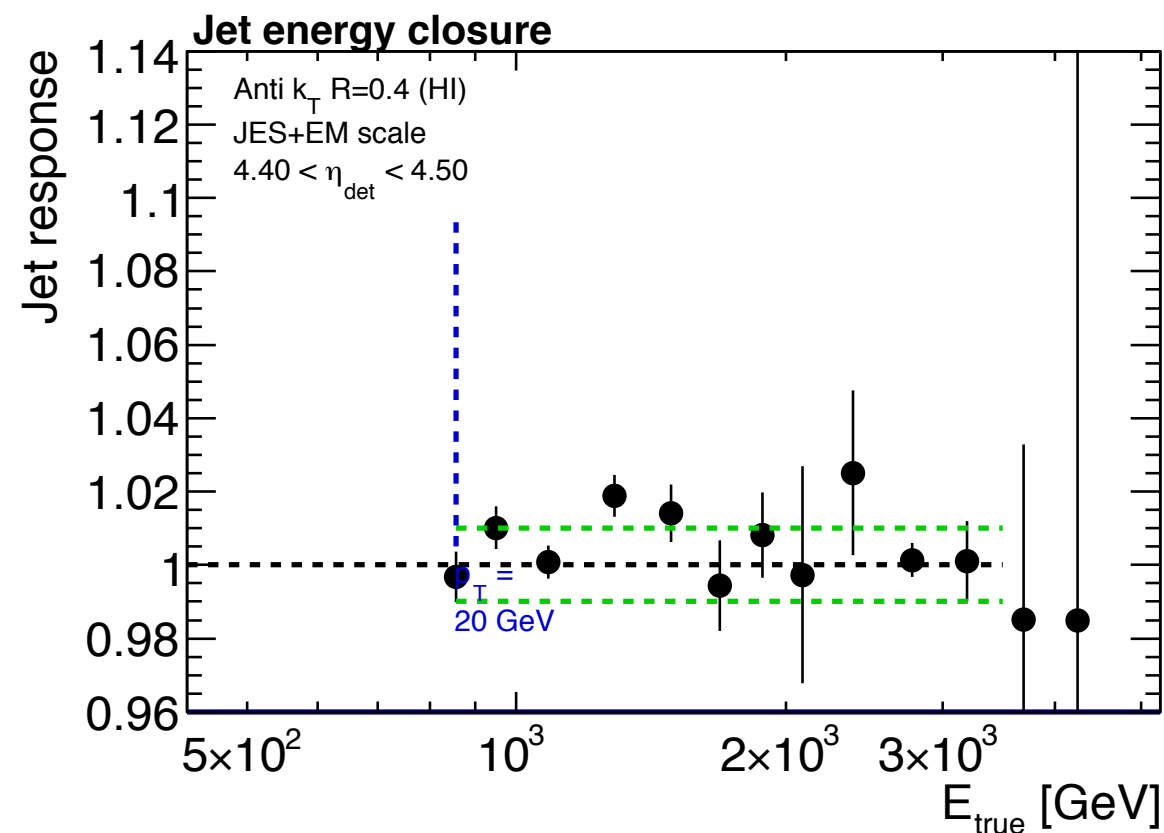
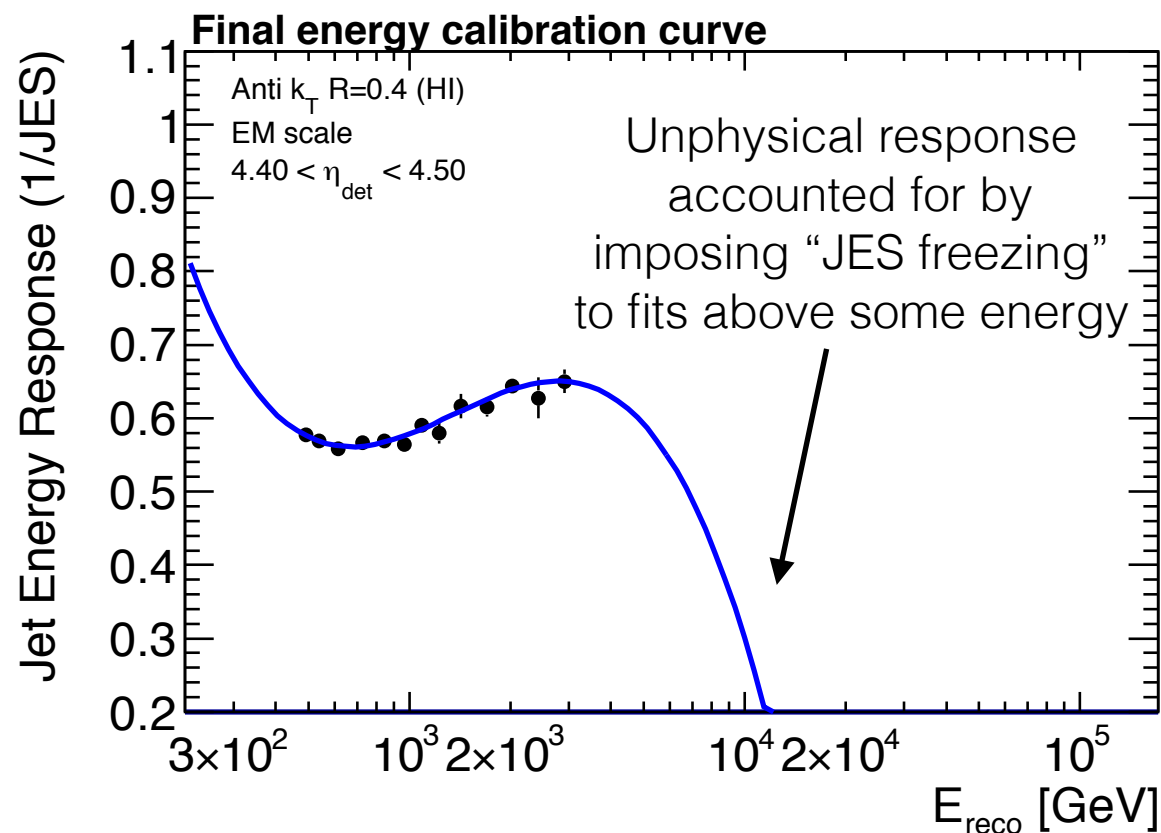
General Objectives

- Derive JES calibration scales from new MC15c dijet samples for 2016 8TeV p-Pb data (one calib. for each period)
 - Procedure fully described on Twiki, relevant code already written
- Test appropriateness of previously derived insitu corrections from 2015 pp & PbPb on 2016 p-Pb datasets by examining 4-momentum balance of Z/gamma+jet events (in progress)
- If necessary, derive additional systematics if insitu correction is not quite correct
- Today: show summary plots from deriving JES
- Looking for input on desired jet algos. (e.g., AntiKt2HI, AntiKt3HI...)

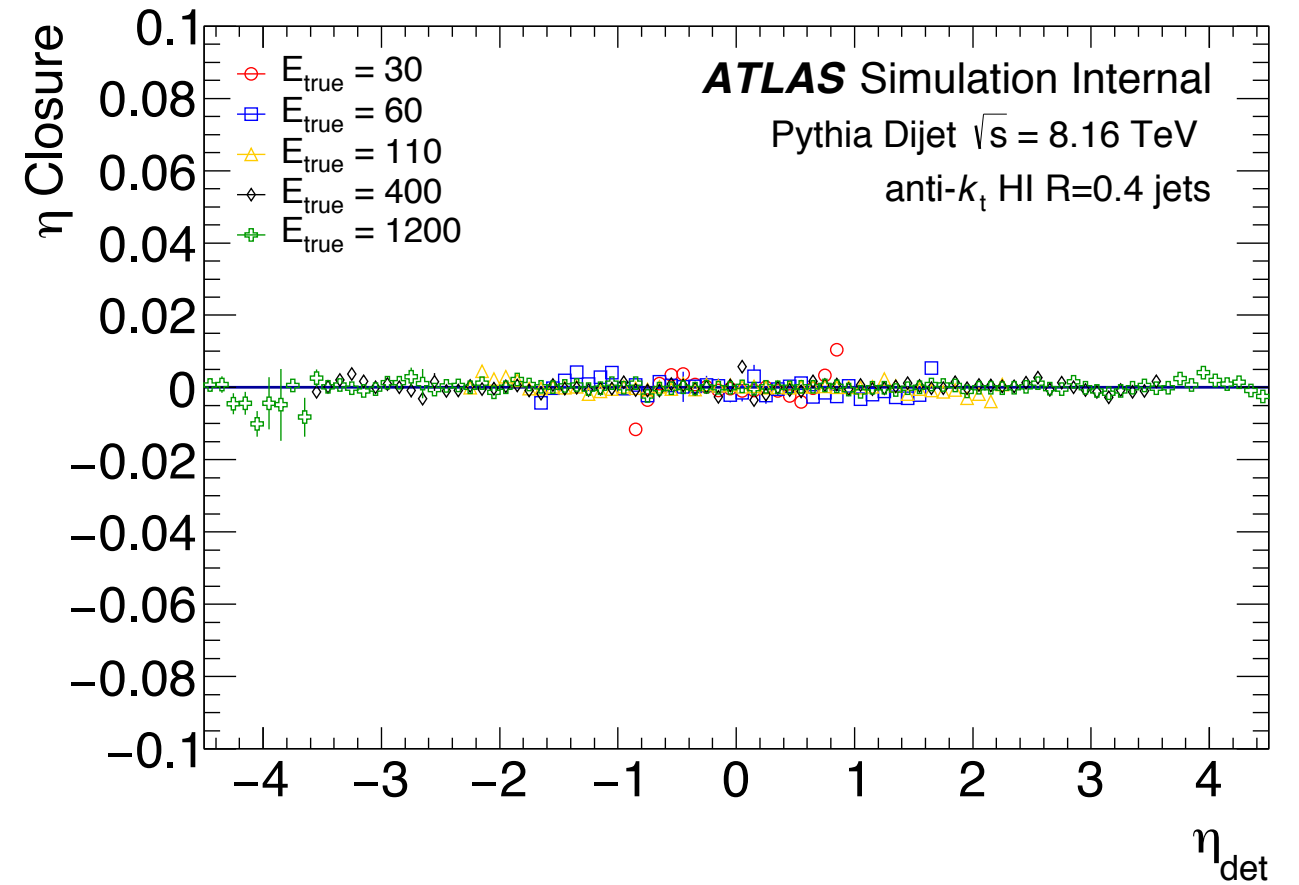
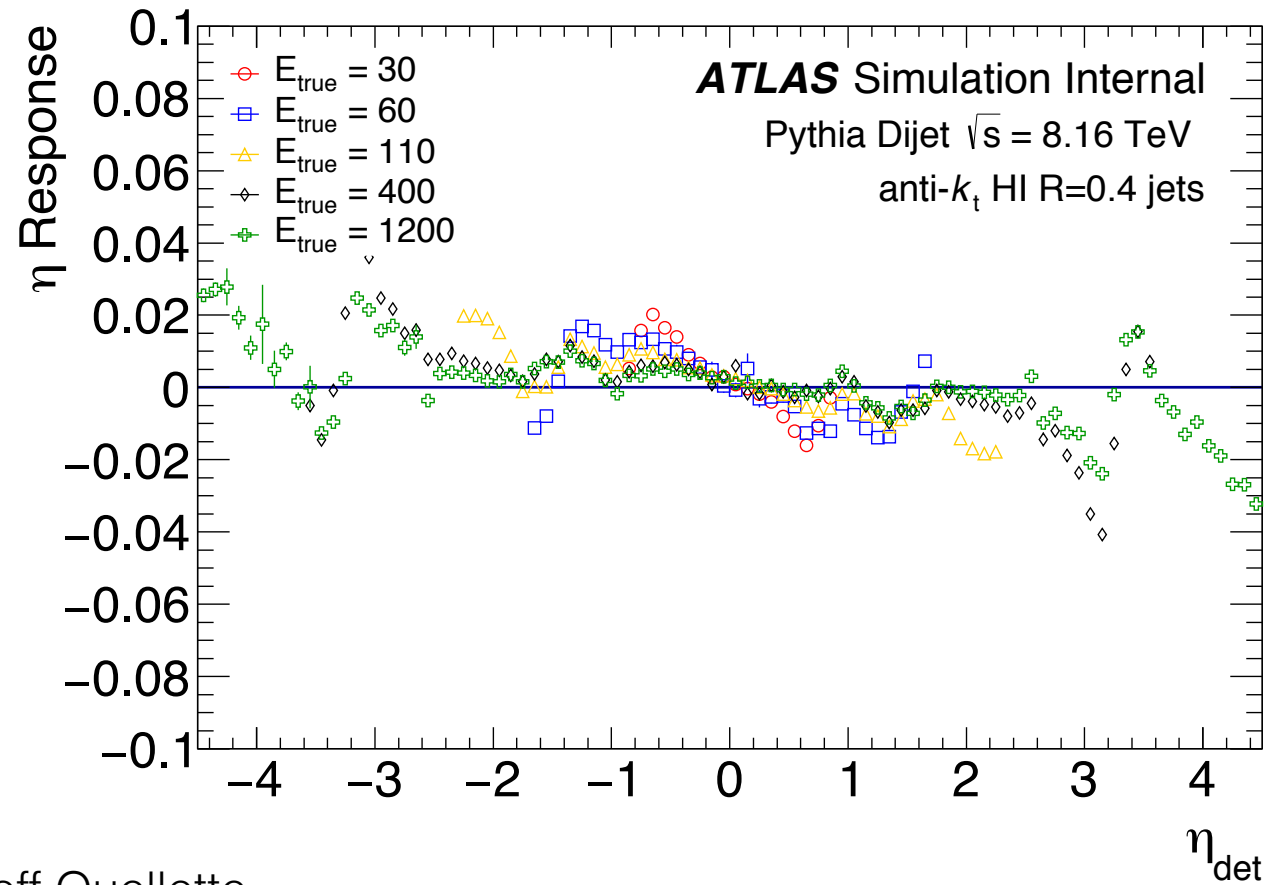
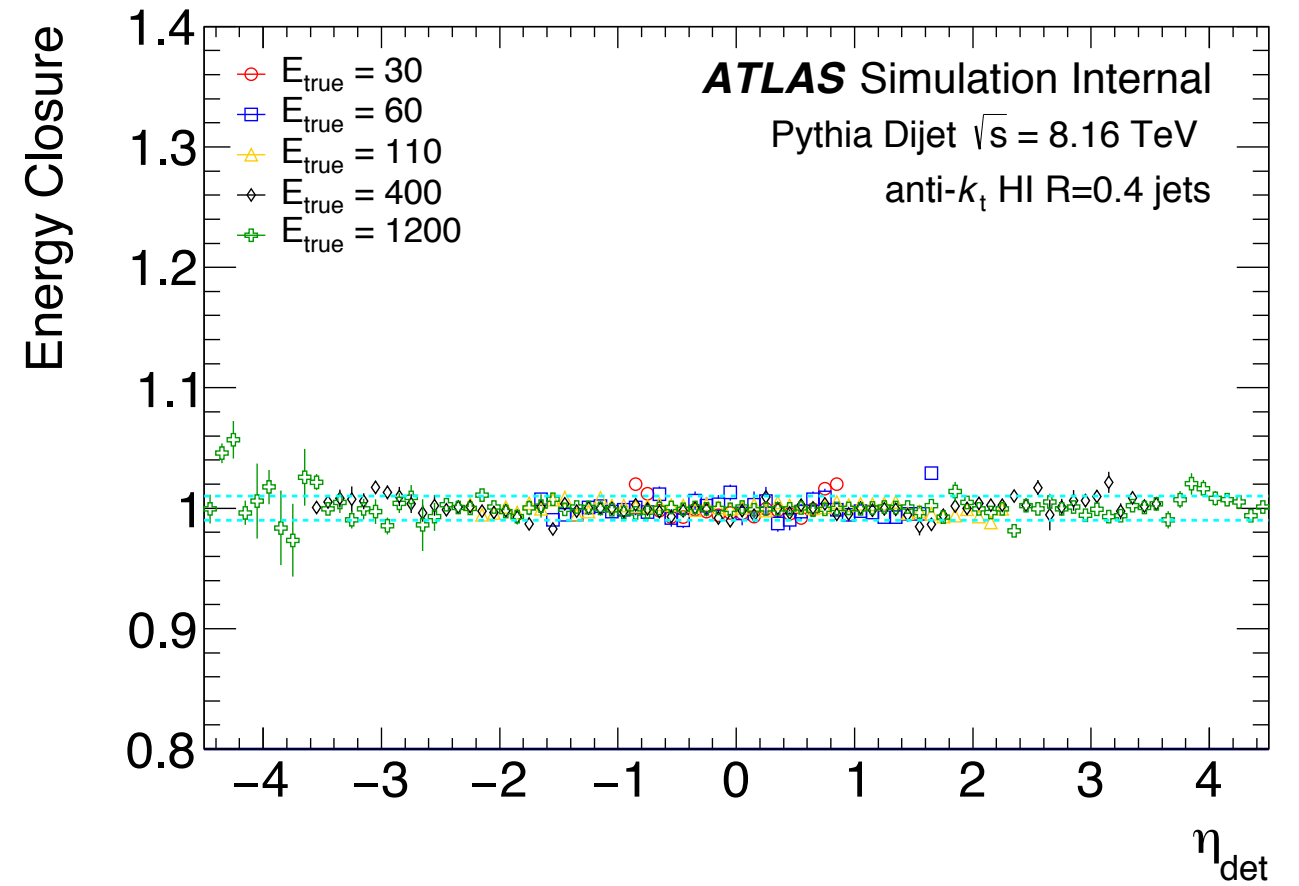
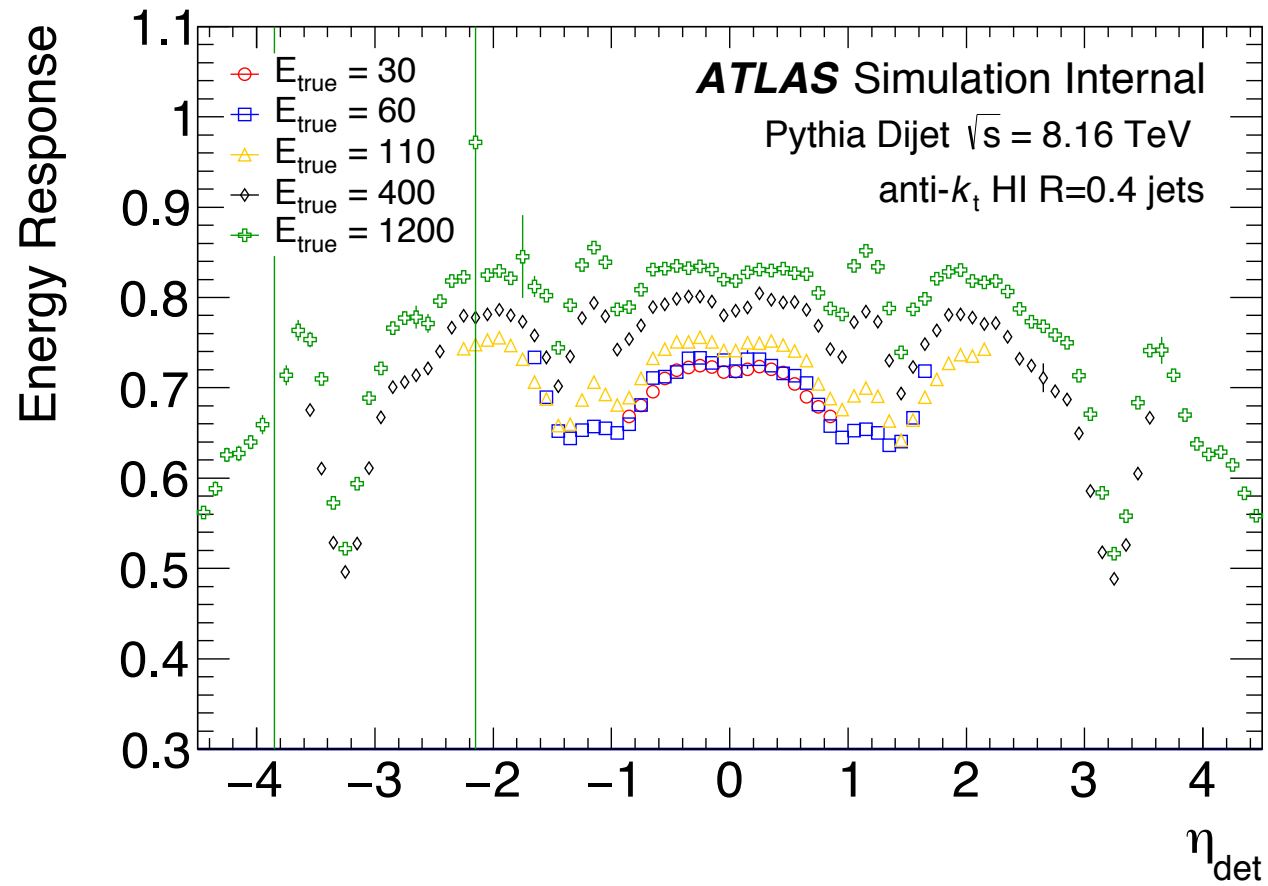
(Period A) Example results: $0 < \eta < 0.1$



(Period A) Example results: $4.4 < \eta < 4.5$



“Pb-p” or “Period A” Summary Plots



“p-Pb” or “Period B” Summary Plots

