

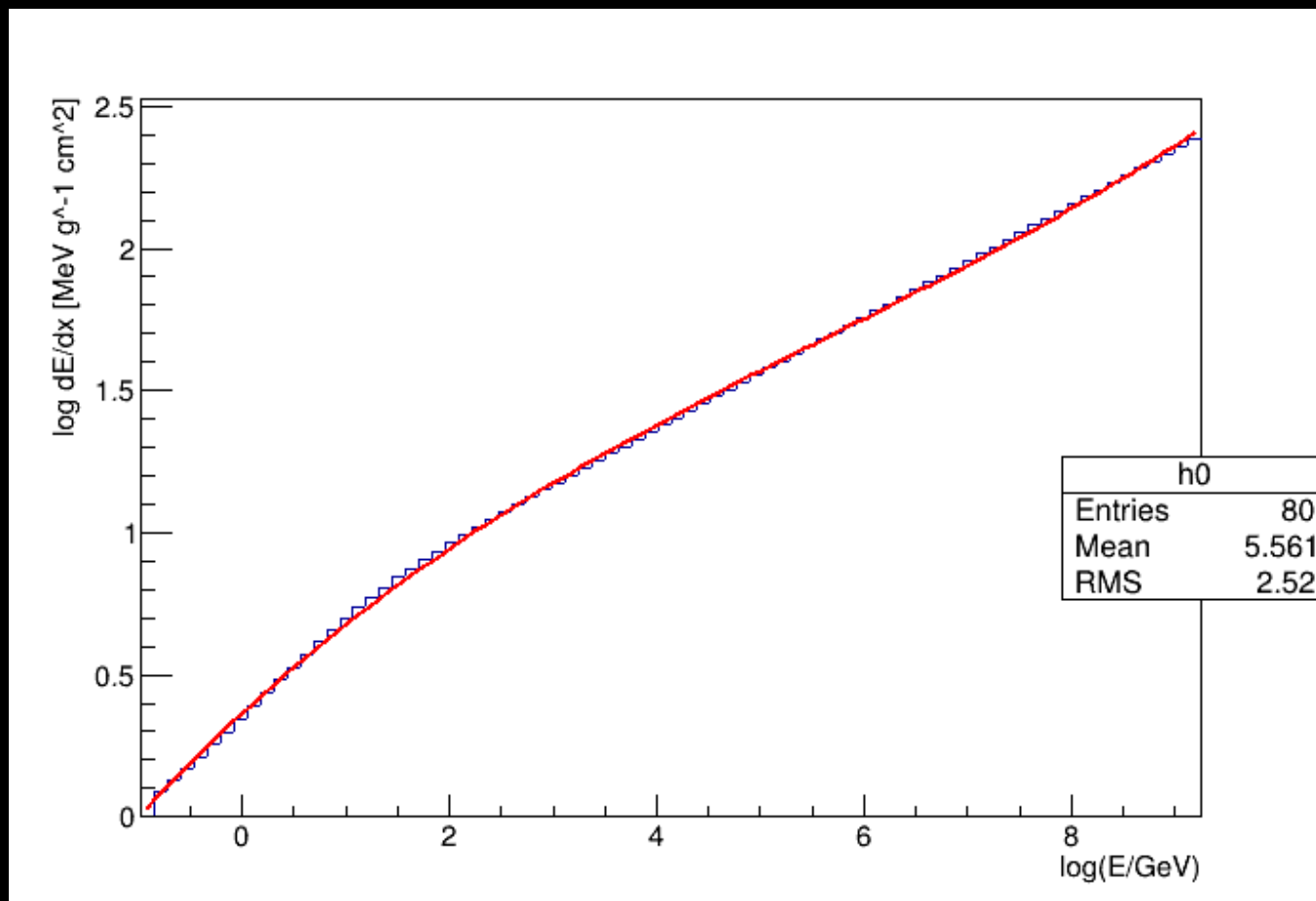
# $\delta$ -rays

- Using  $\nu_\mu$  CC events from 3 – 100 GeV:

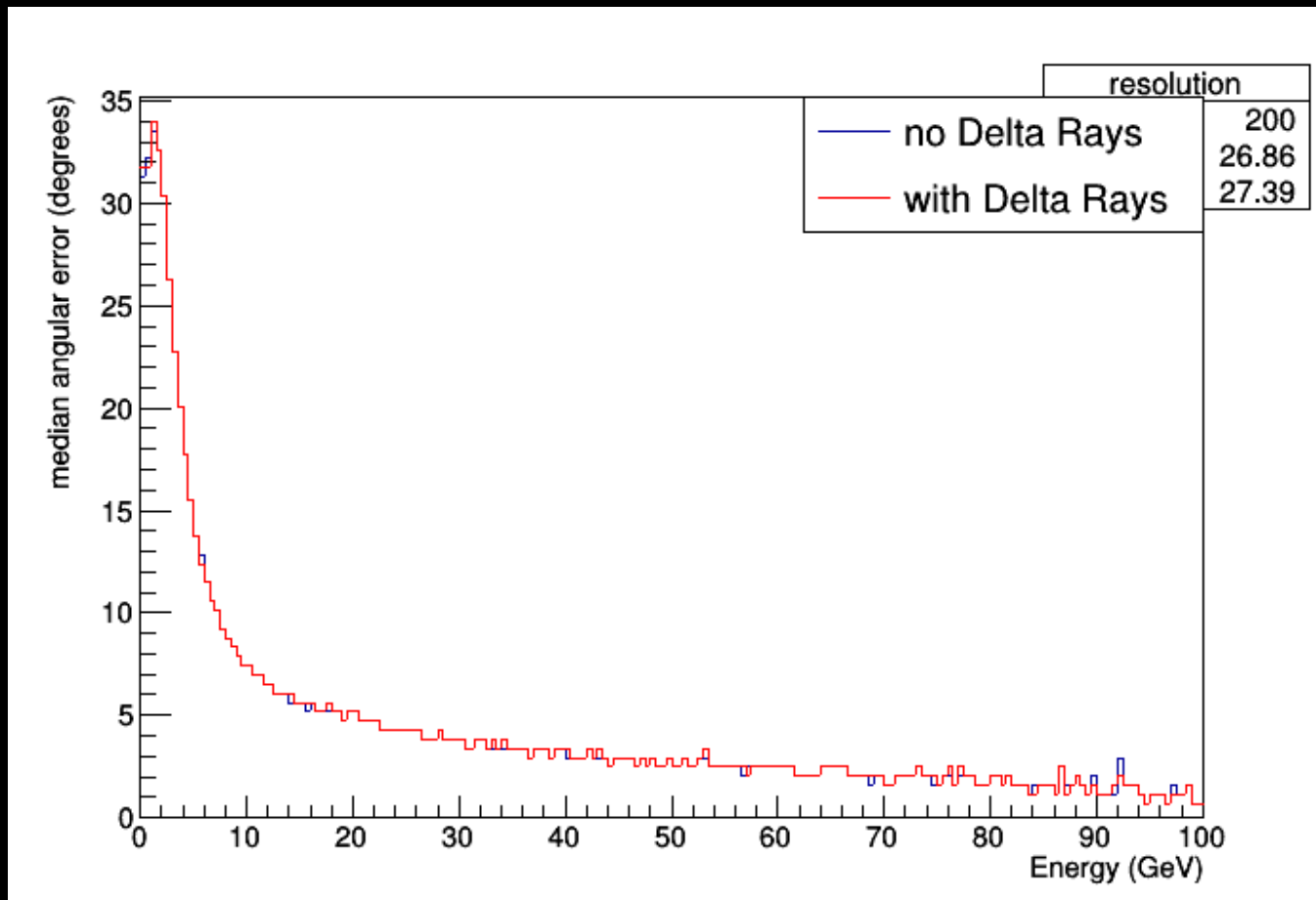
/in2p3/km3net/mc/atm\_neutrino/KM3NeT\_ORCA\_115\_23  
m\_9m/v1.1.1/JTE .

- Km3sim generated, where we assume delta rays have been implemented properly
- Ran through track reconstruction process of JPrefit → JGandalf → JEnergy → JStart with  $\delta$ -rays PDFs switched on/off in JGandalf

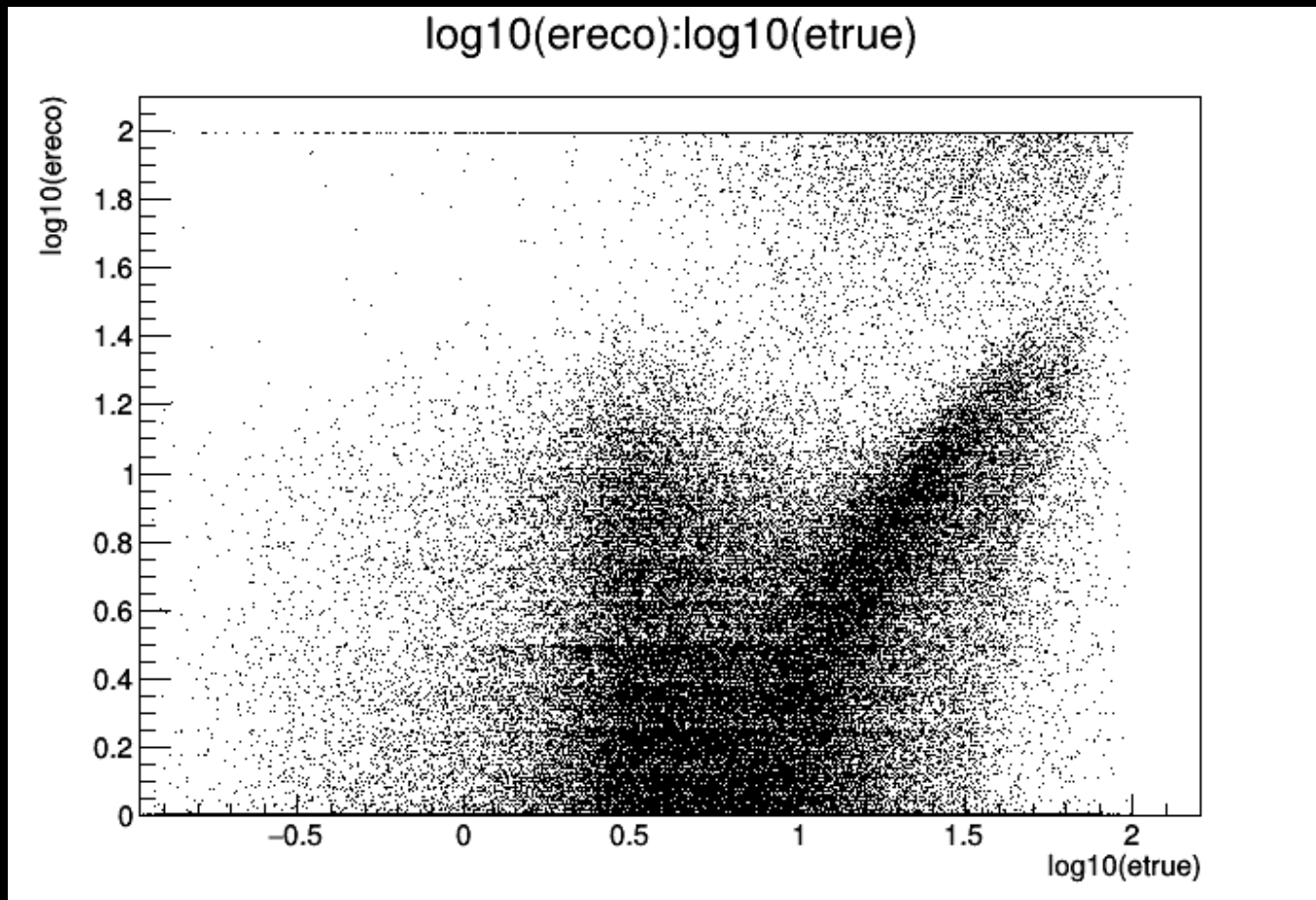
# Energy loss - muon



# Comparison: angular reco

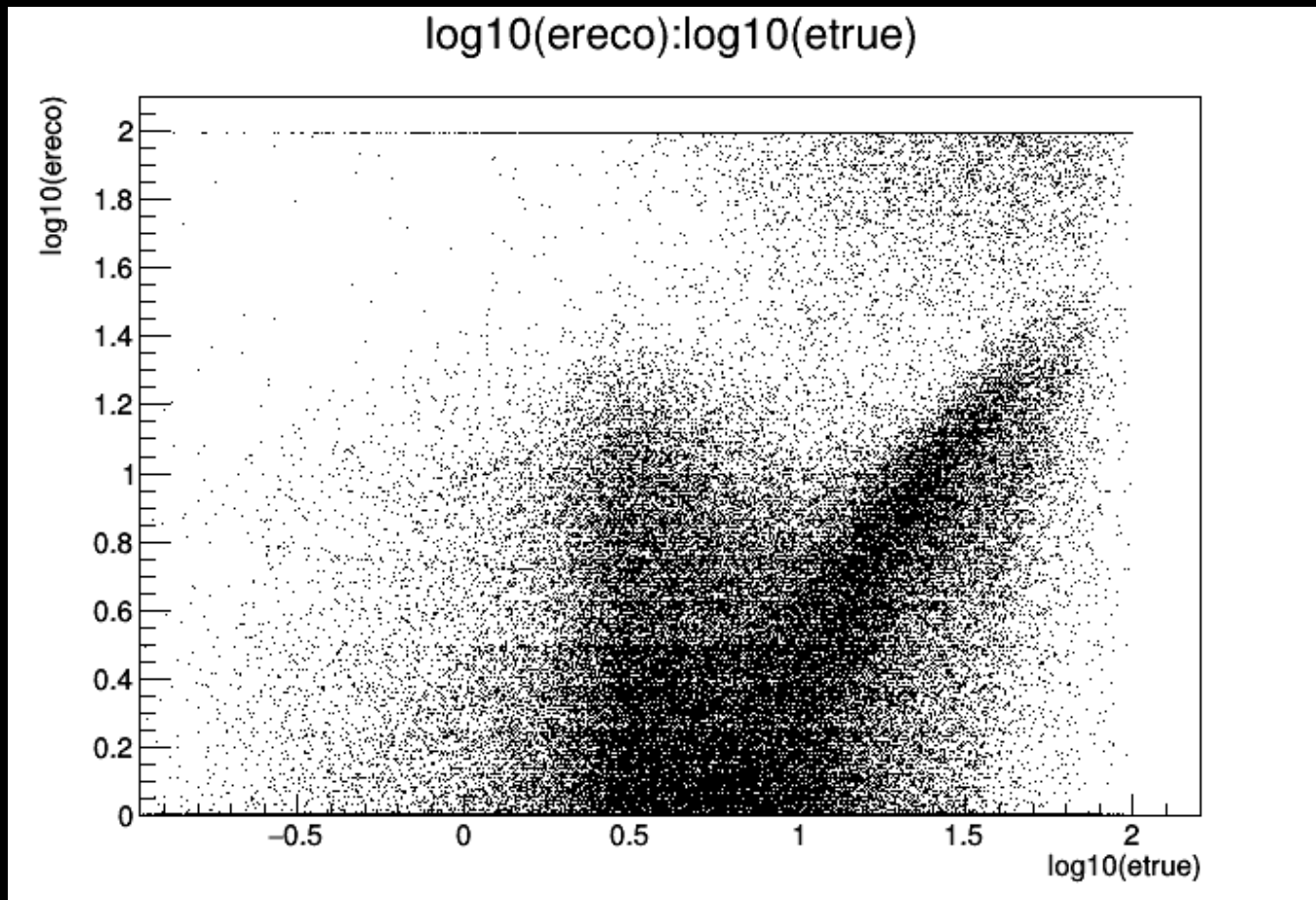


# Comparison: energy reco



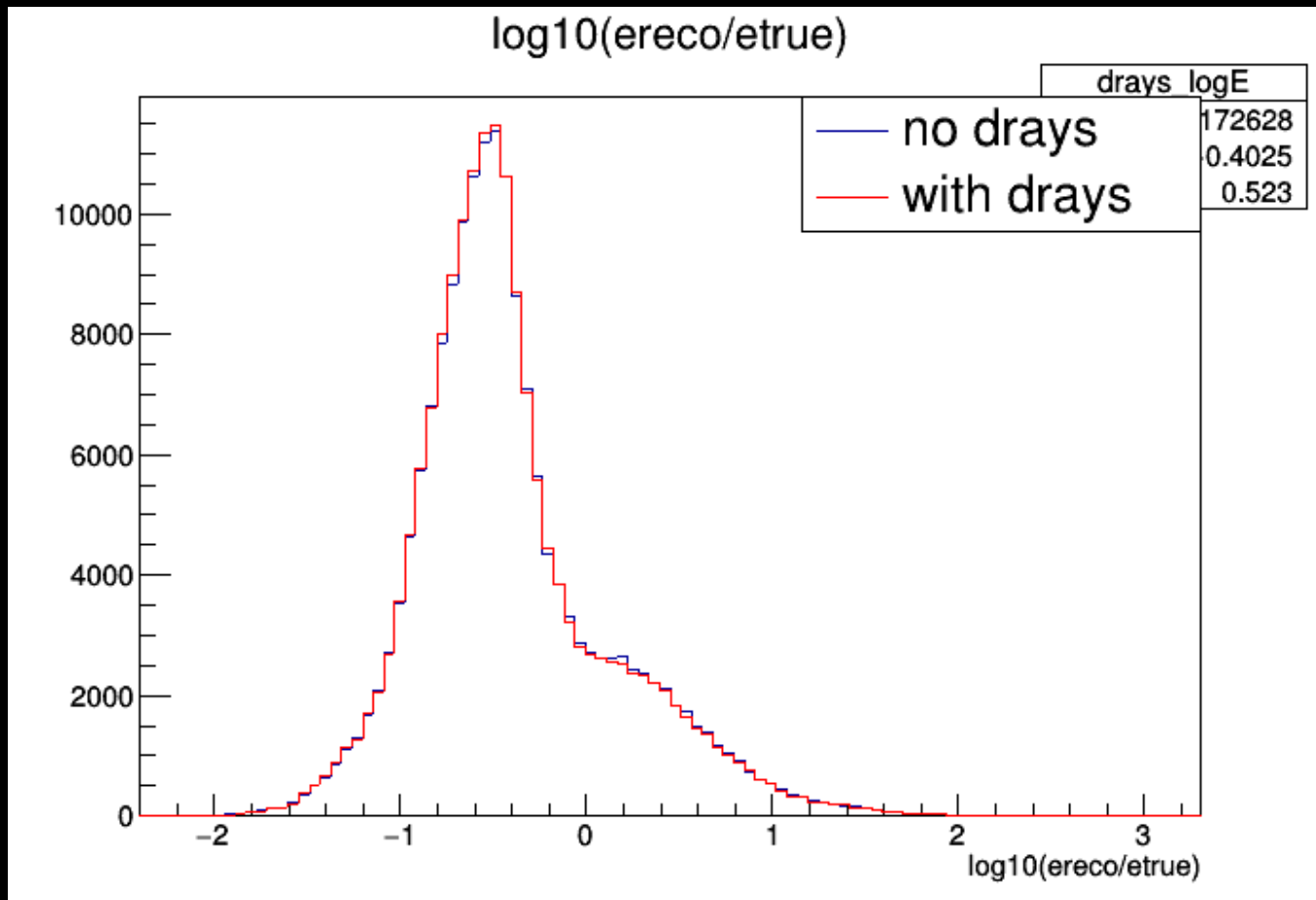
No drays

# Comparison: energy reco



with drays

# Comparison: energy reco



No energy correction is included here.  
Something I am going to take over from Liam.

# Small sanity check

