TemplateAnalysis.py

loop over CaloTowers , had, em
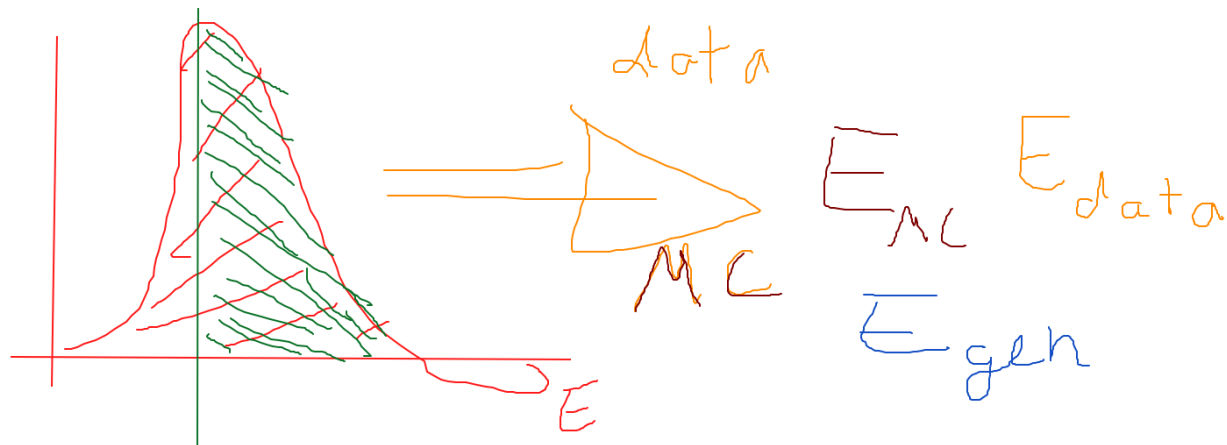
-> dE/dEta (energy as a function of eta)

$E = \sum_i E_i$ *for had/em*

Needs to be added:

- only consider Energies above noise threholds

$E = \sum_i E_i$ *for* $E_i > E\_threshold$

data

MC

E_{MC} E_{data}

E_{gen}

Final, corrected energy measurement

$$E_{corr} = E_{data} \cdot \left(\frac{E_{gen}^{MC}}{E_{MC}} \right)$$