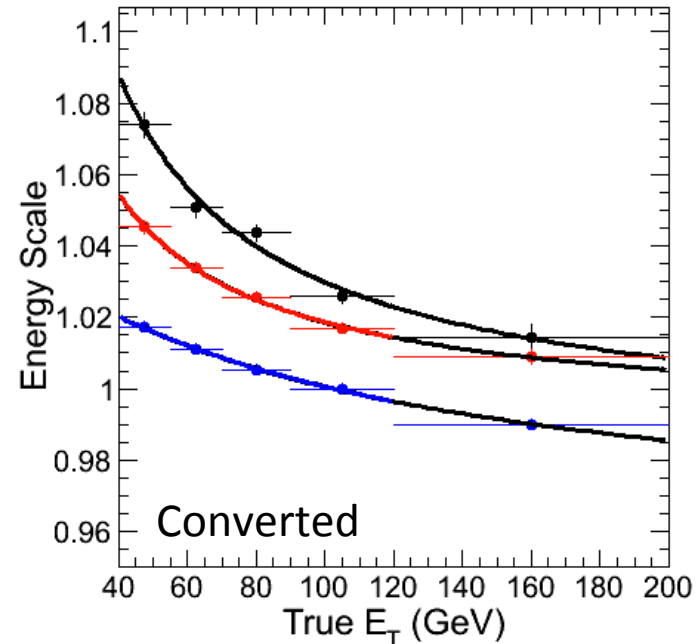
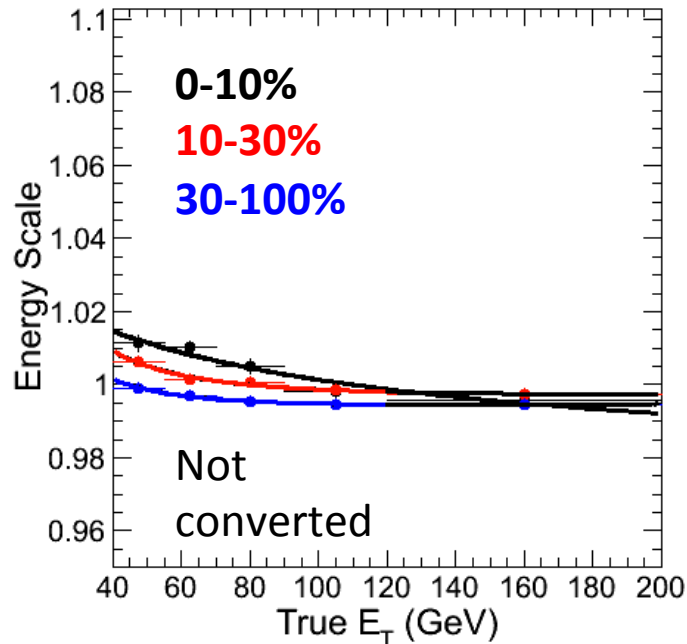


# Offline photon Energy correction



Energy scale is done by Gaussian fitting on  $pT^{\text{RECO}} / pT^{\text{True}}$ , then parameterized by polynomial function of  $\sqrt{pT}$

$$c_0 + c_1 * pT^{1/2} + c_2 * pT$$

This function will be saved into photonEnergyCorrection-v1.root  
correctedPt branch will be created in the photonSkim sequence

backup

# Centrality bin 30-40%

