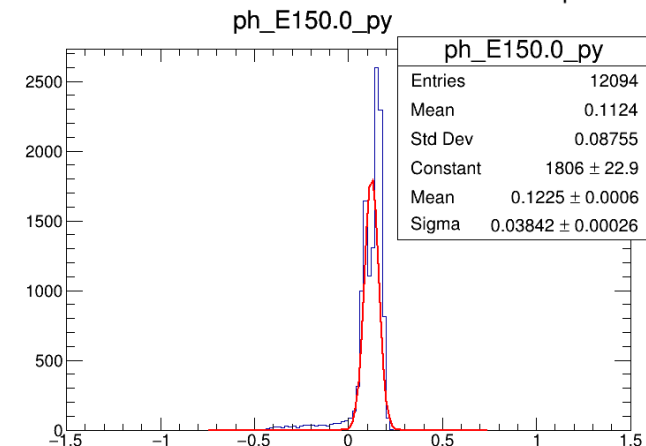
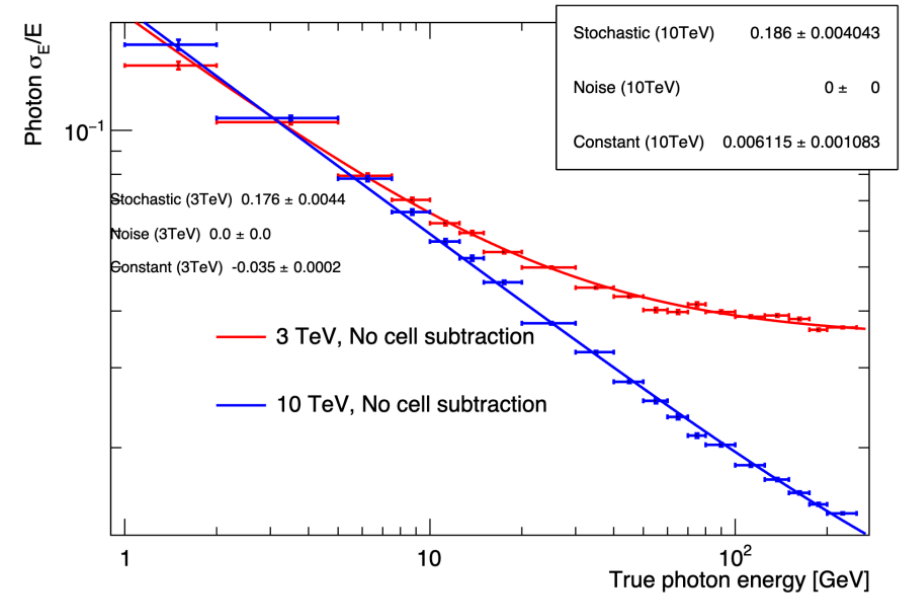


# Updates 2/21

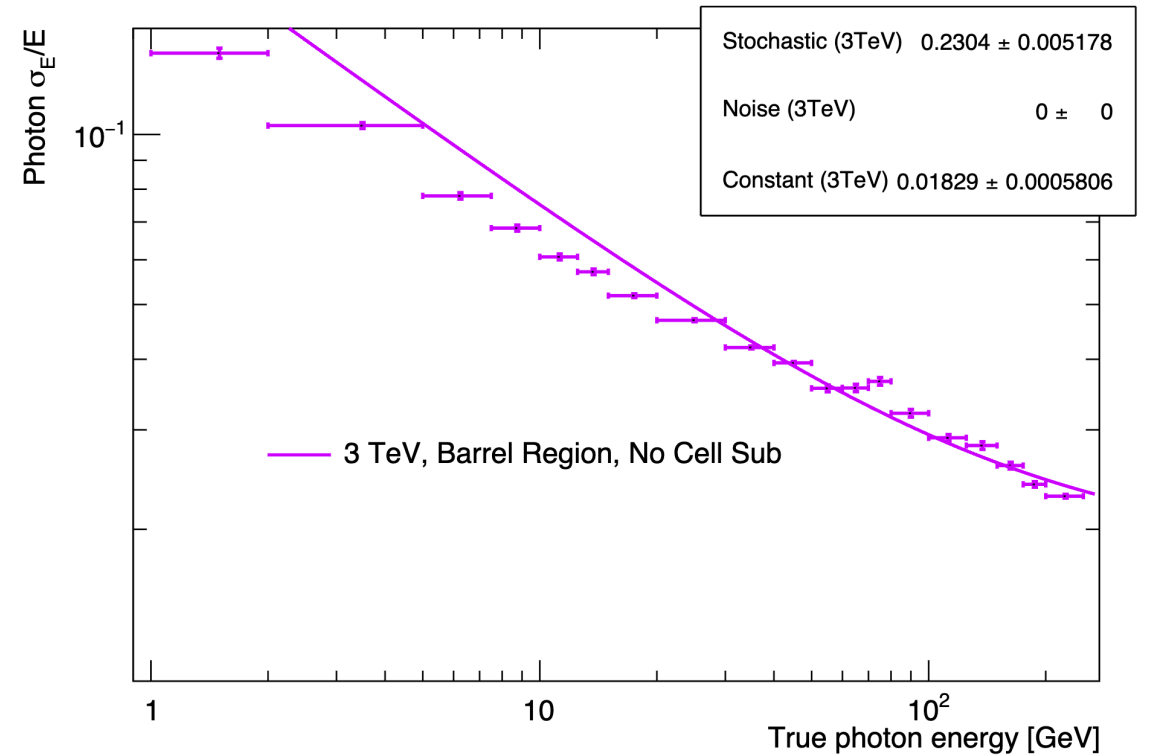
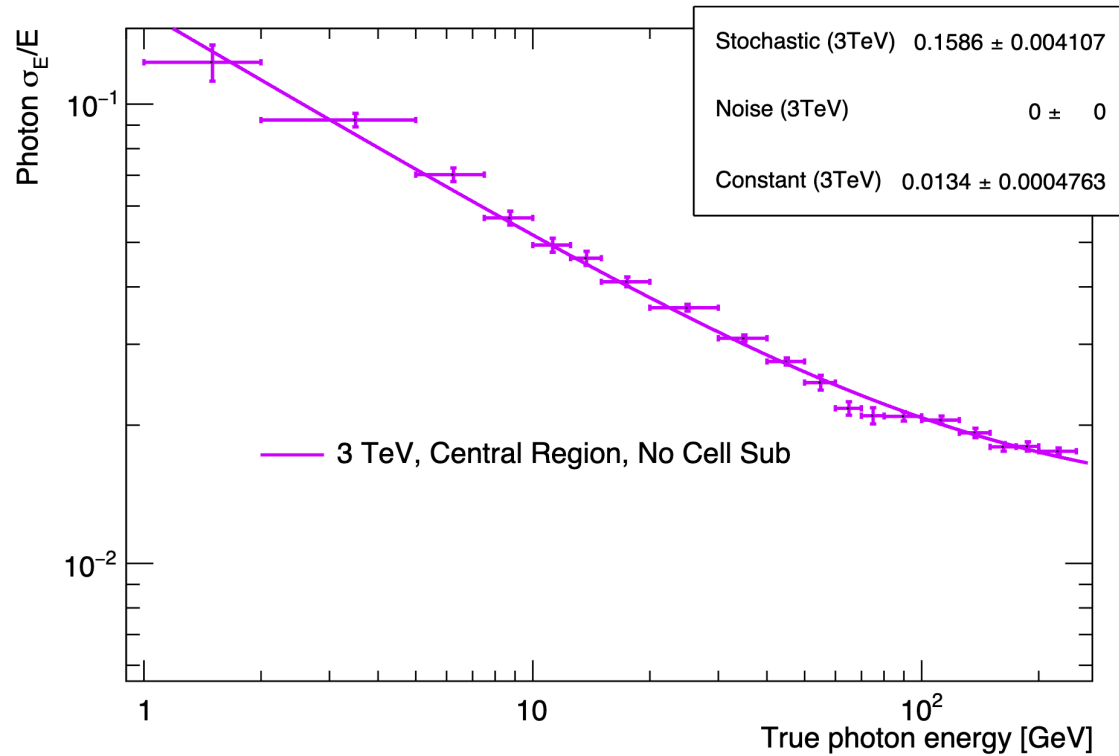
- Photon resolution plots
  - 3 TeV level-off solved
  - First look at BIB overlay in the 0-50 GeV range
  - 10 TeV dataset extended up to 1000 GeV

# 3 TeV dataset central/barrel discrepancies

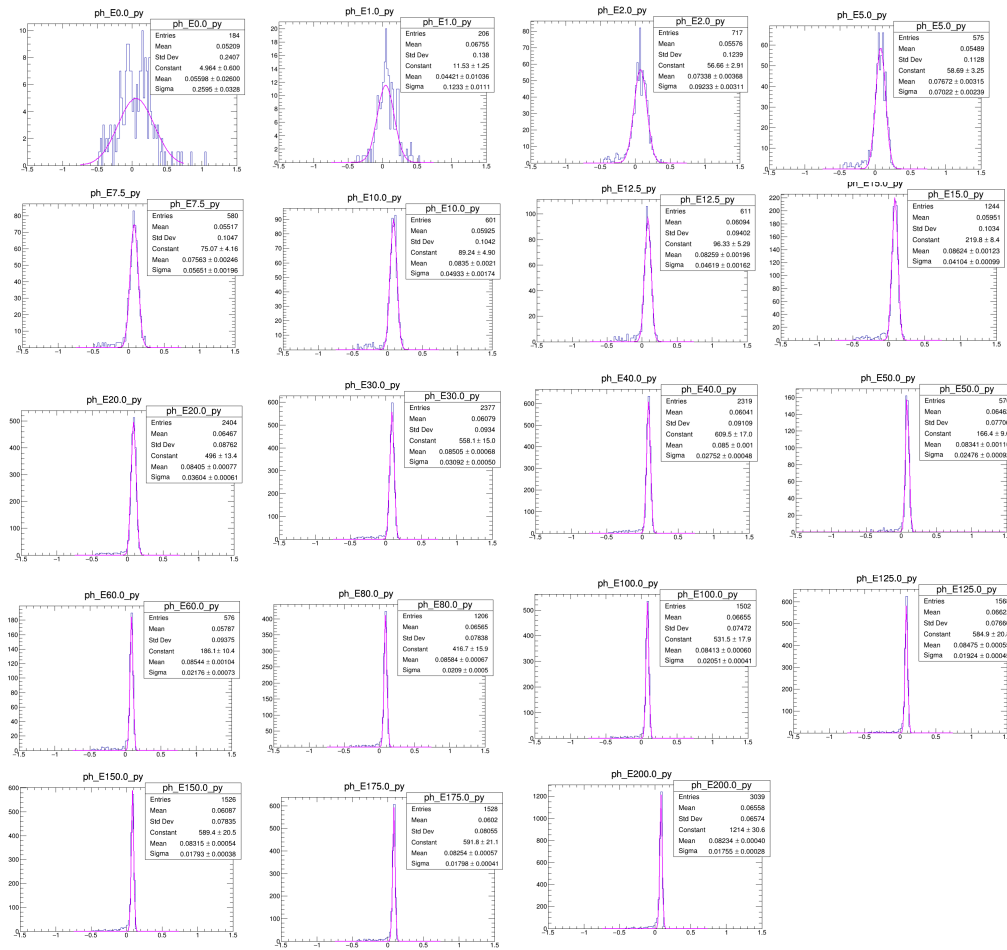
- We hypothesized that the early level-off of the 3 TeV resolution curve was due to calibration discrepancies between central and barrel regions
- Causing Gaussian distributions to appear bimodal
- Split the dataset between central and barrel regions
  - First tried 45°, ended up at a central 30°
  - Level-off behavior disappeared



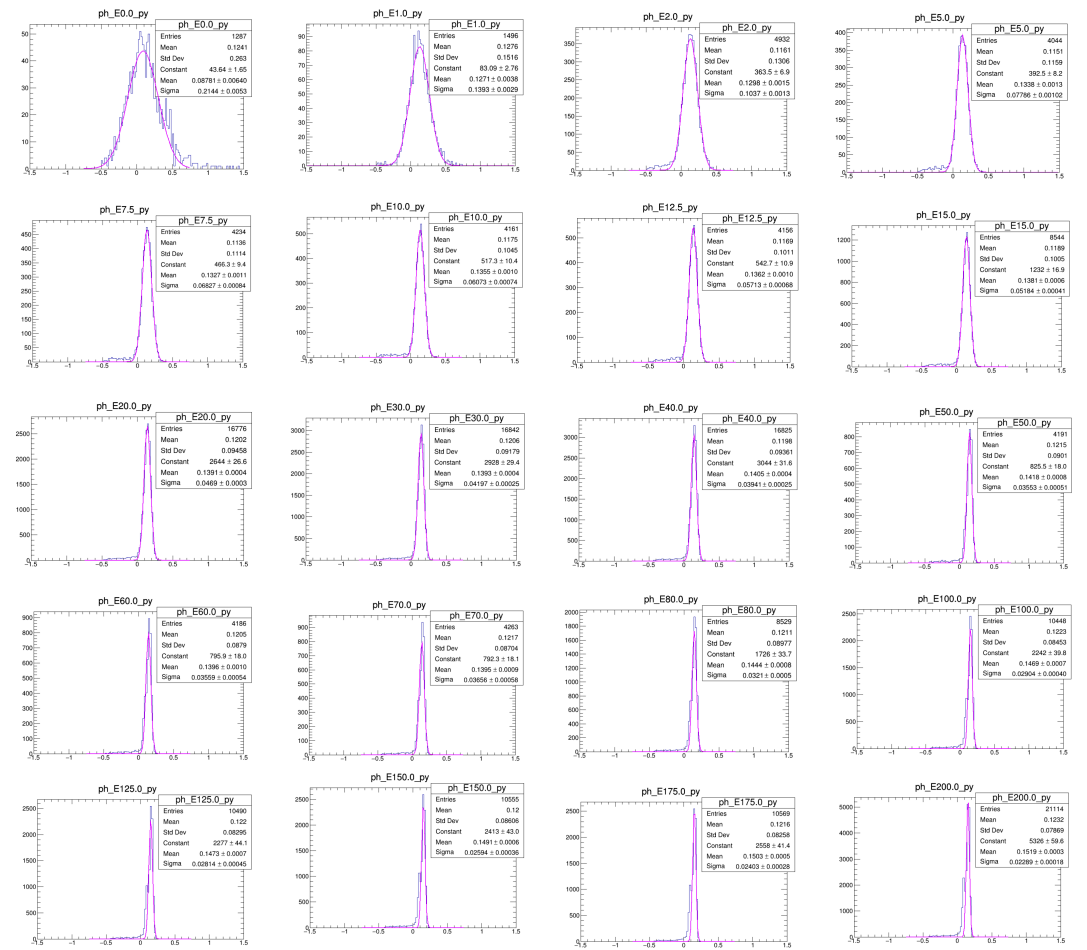
# Resolution plots for 3 TeV, split at $\theta = 30^\circ$



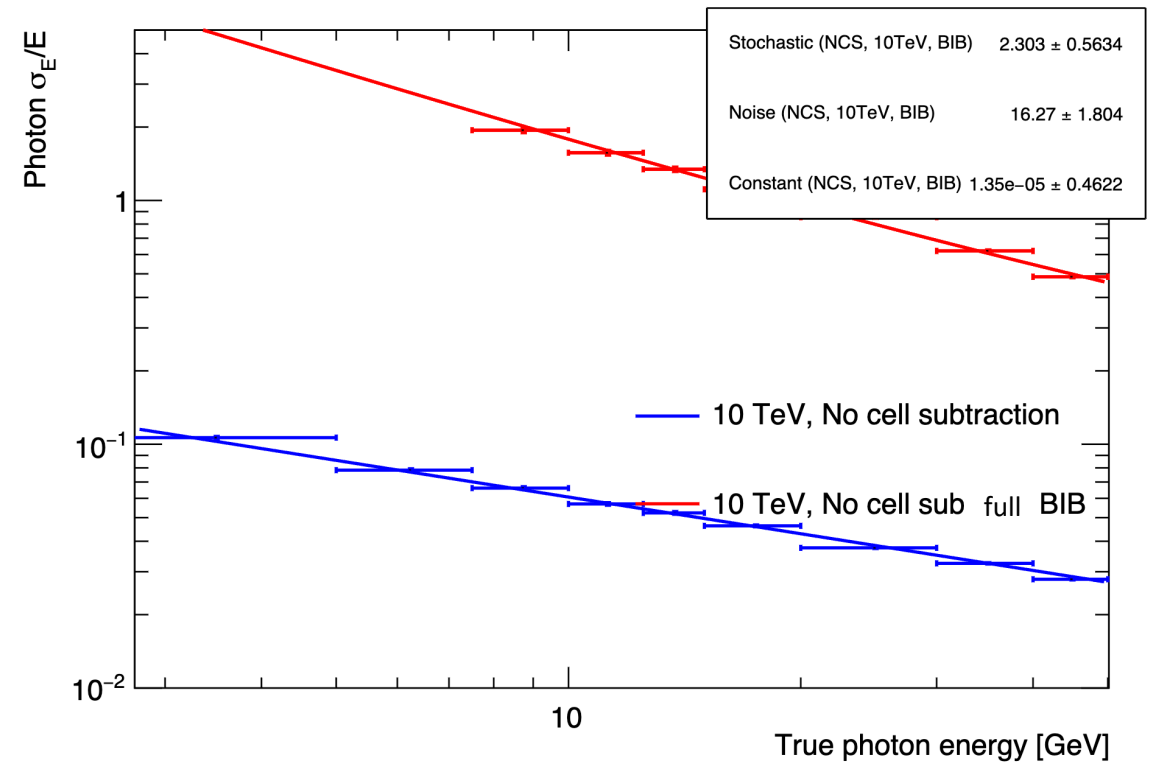
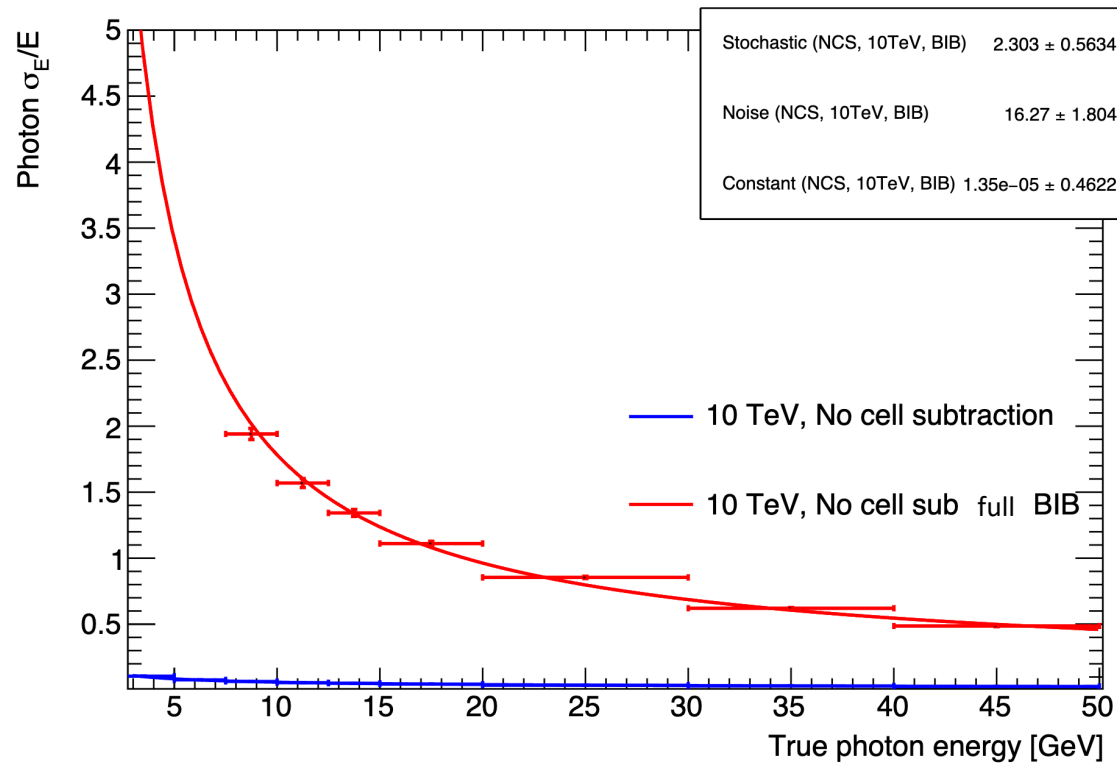
# Central:

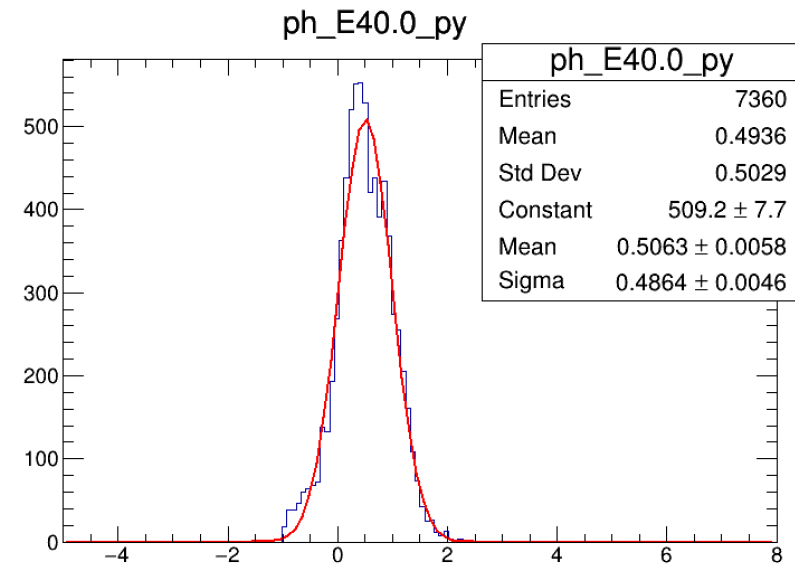
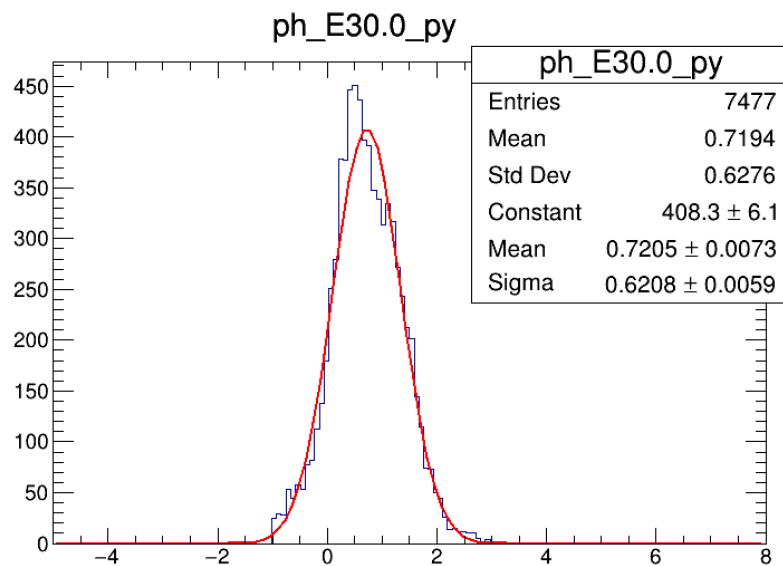
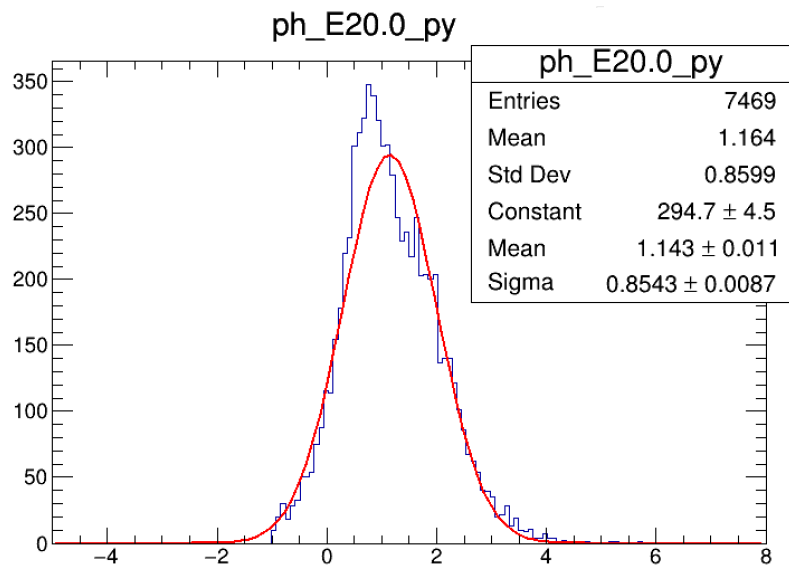
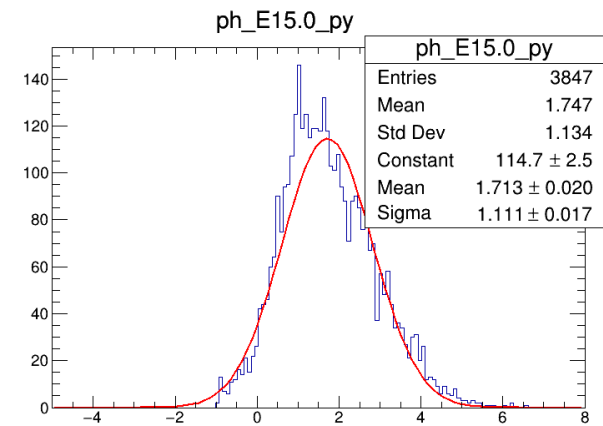
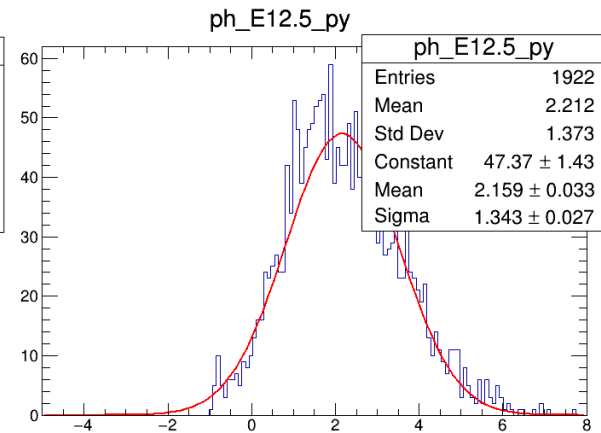
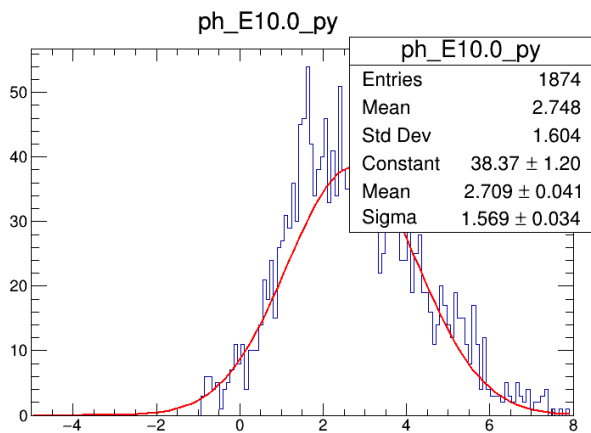
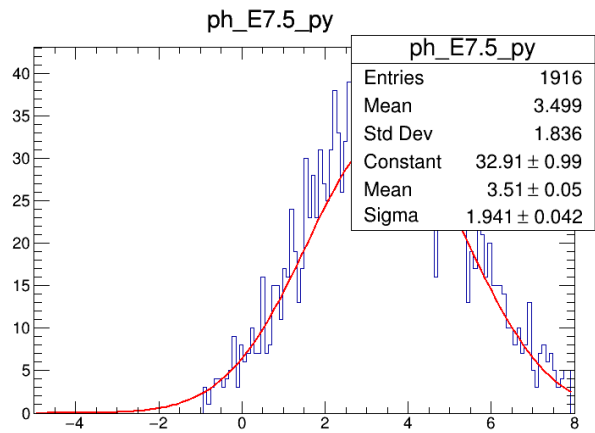


# Barrel:



# First BIB slice: 10TeV geo, 0-50 GeV





# 10 TeV dataset, 0-1000 GeV

