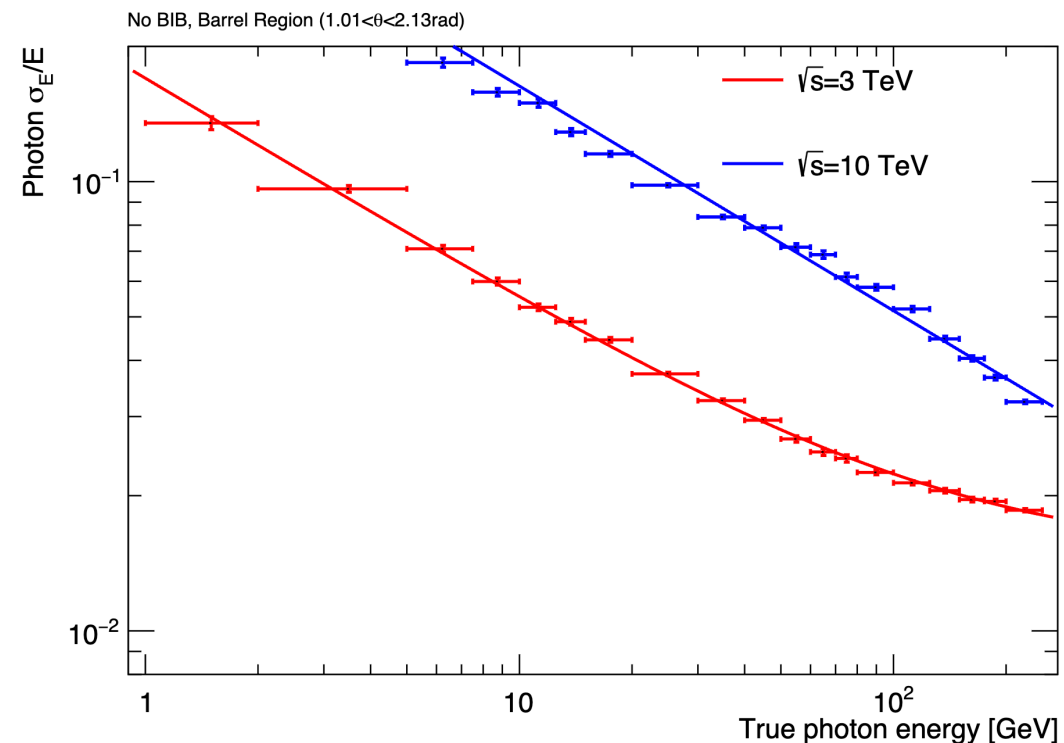
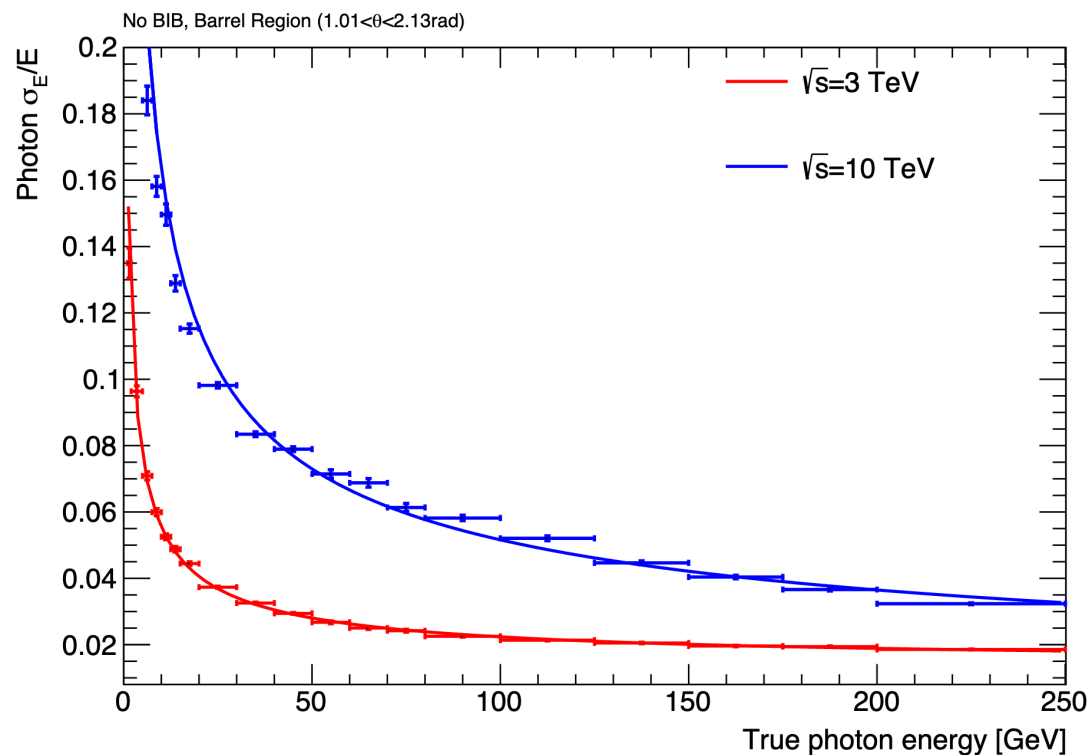


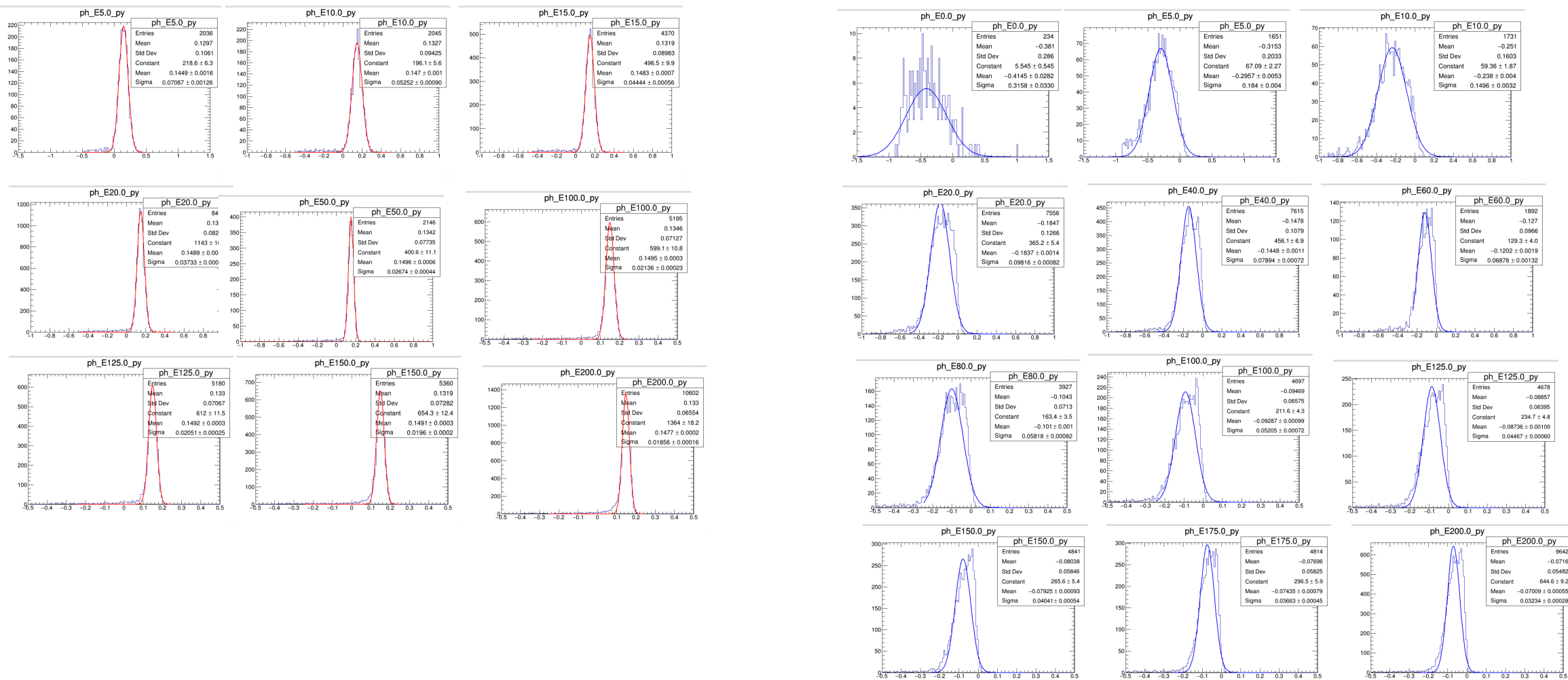
Photon Resolution Updates 4/3/24

- Last time, ran into binning issues with higher-energy slices
- Adjusted range of slice histograms for new 10TeV sample
- Adjusted the limits of the barrel region for new geometry update
- Looked at the forward region for both samples
- Looked at the full available energy range of 10TeV sample
- Issues:
 - non-Gaussian behavior of 10TeV sample in barrel and forward region
 - Poor performance in forward region (to be expected?)

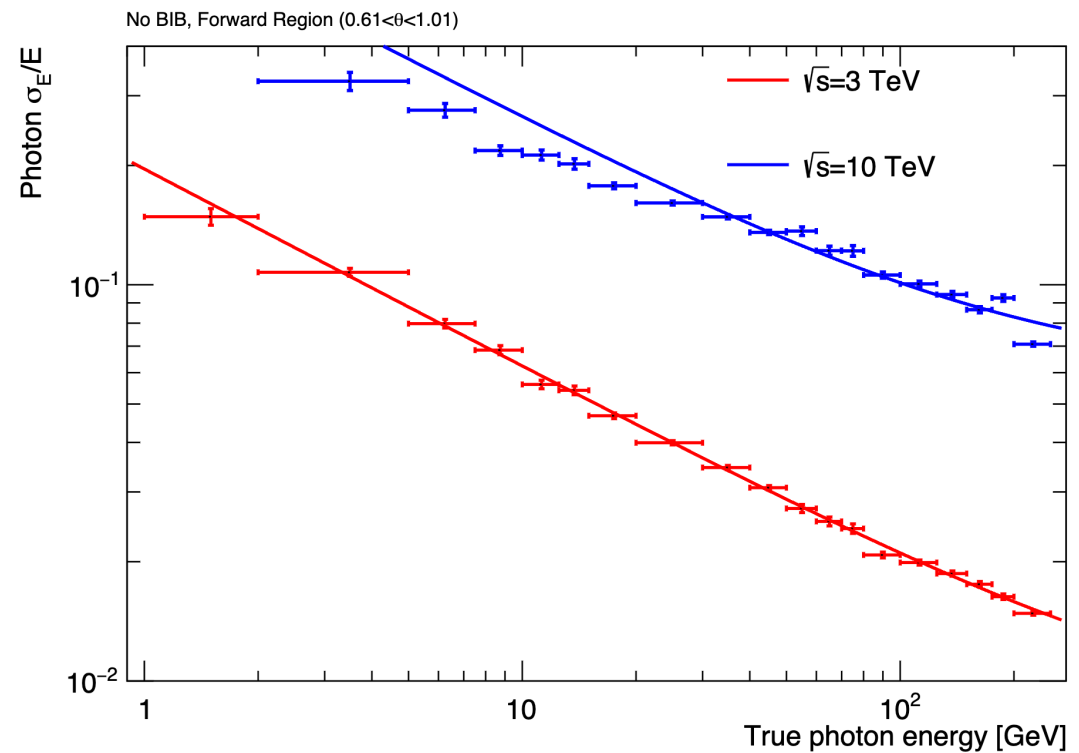
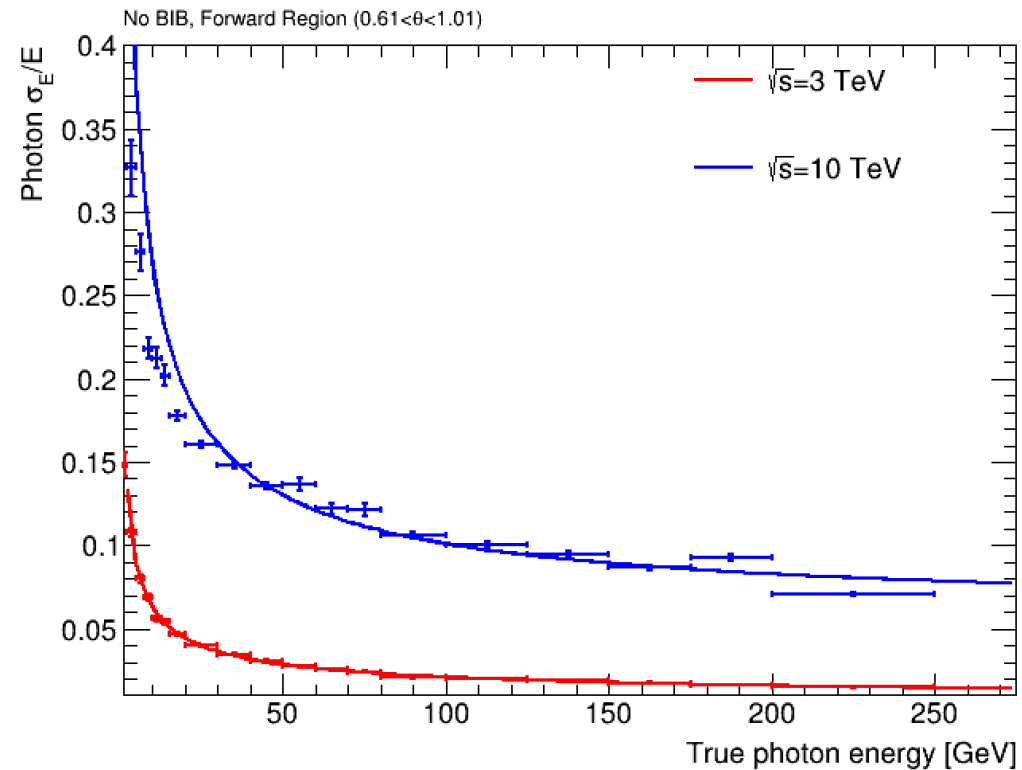
New Barrel Region Resolution Plots



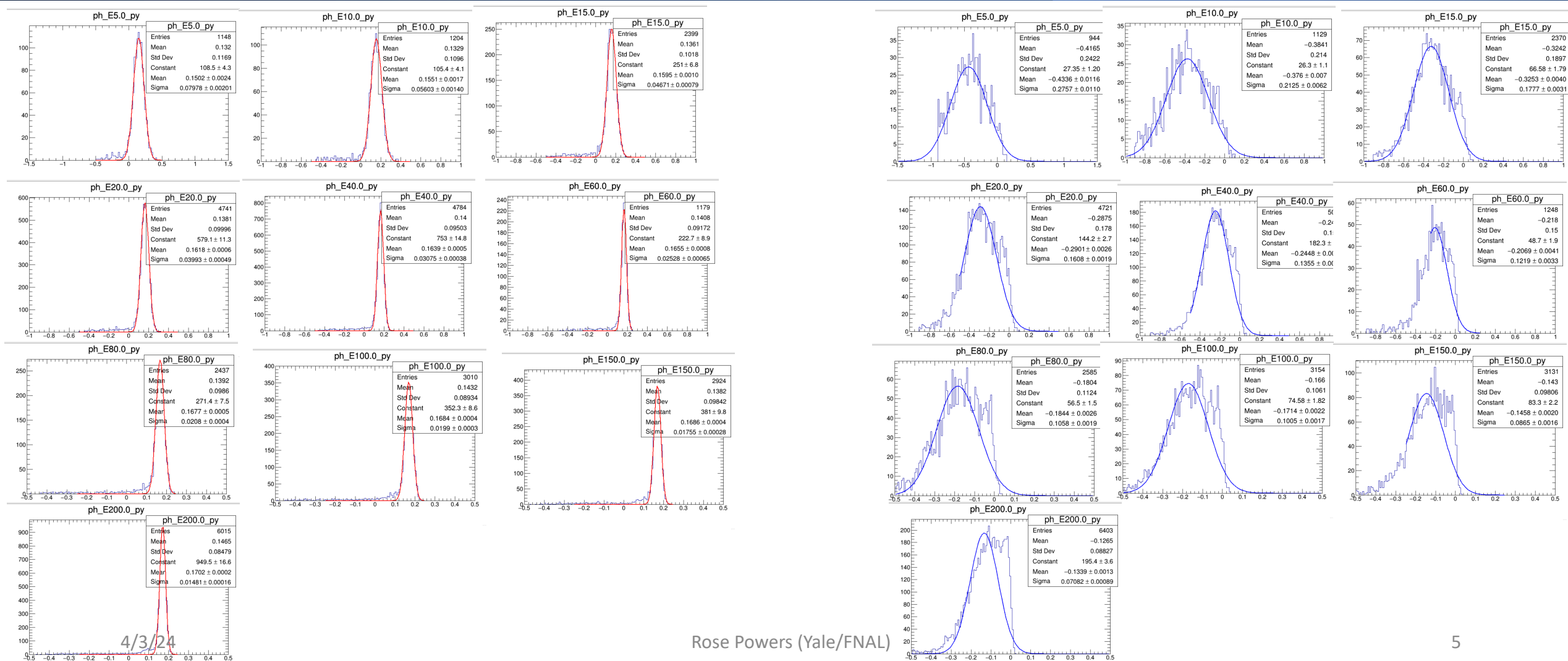
Barrel Region Individual Fits



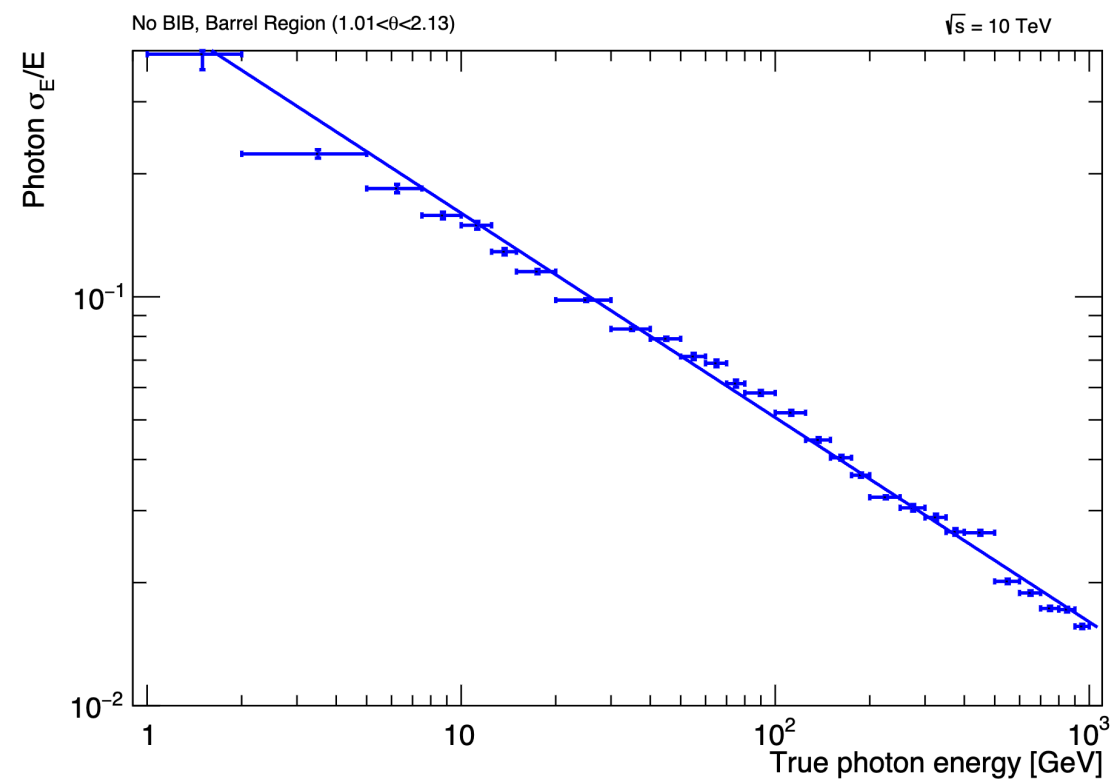
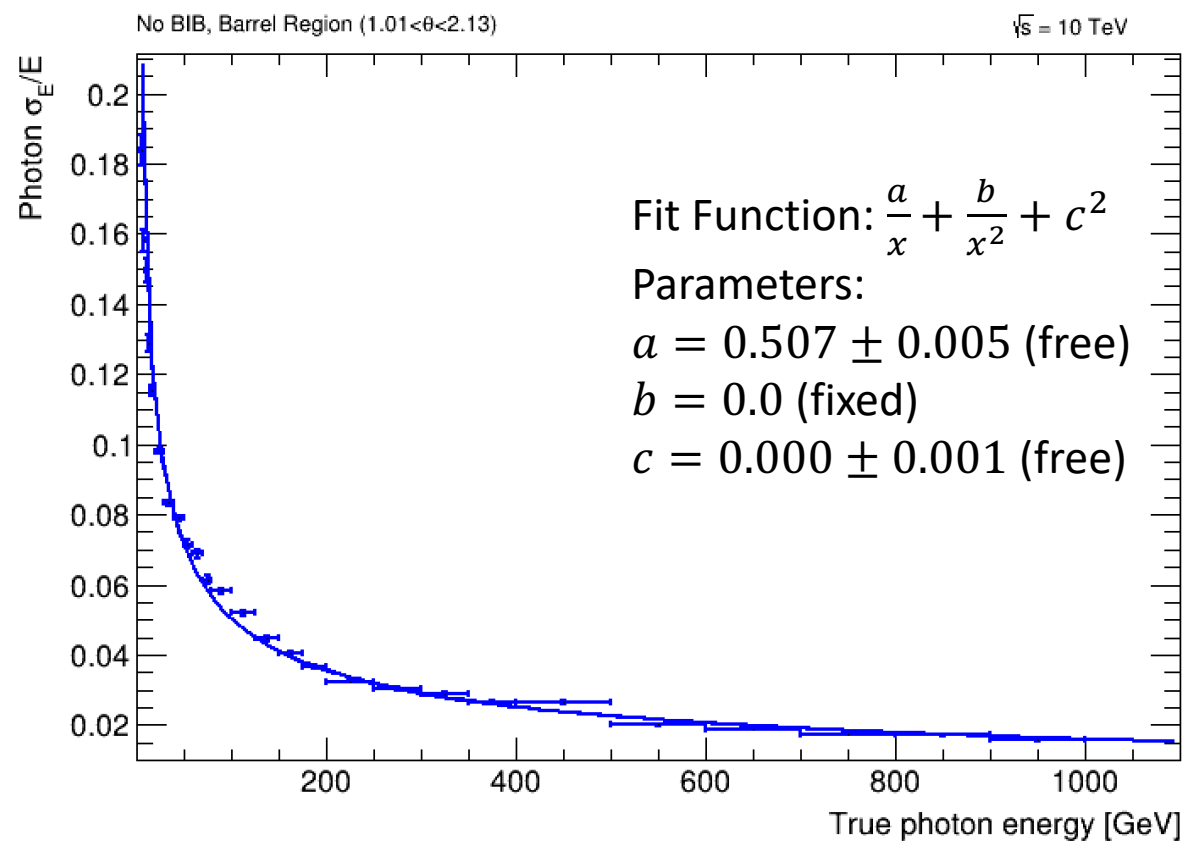
Forward Region Resolution Plots



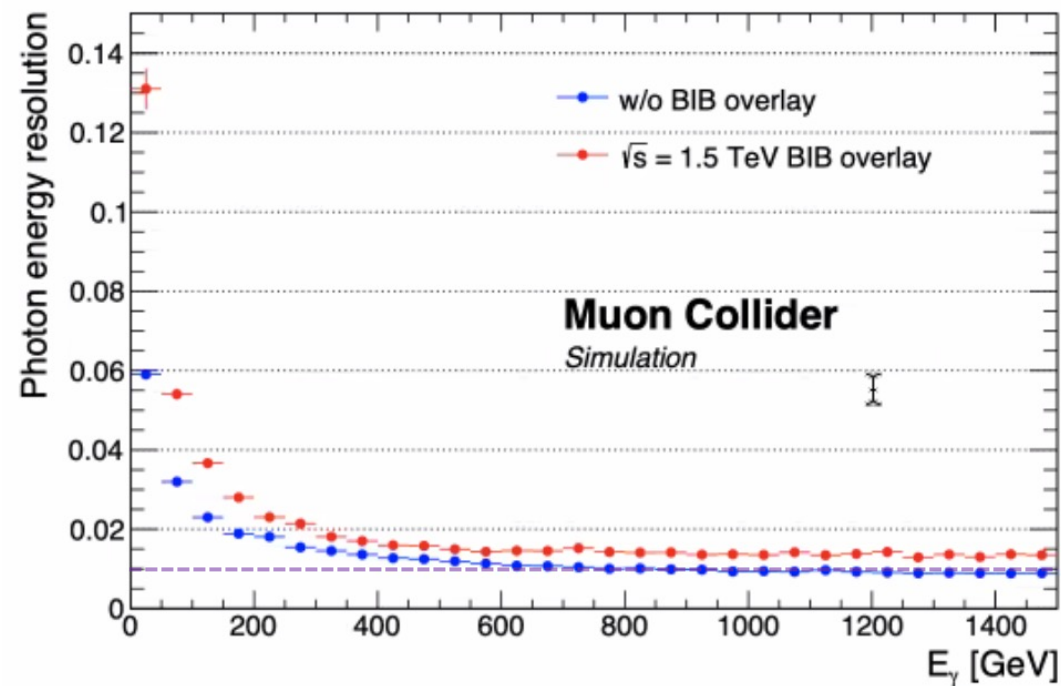
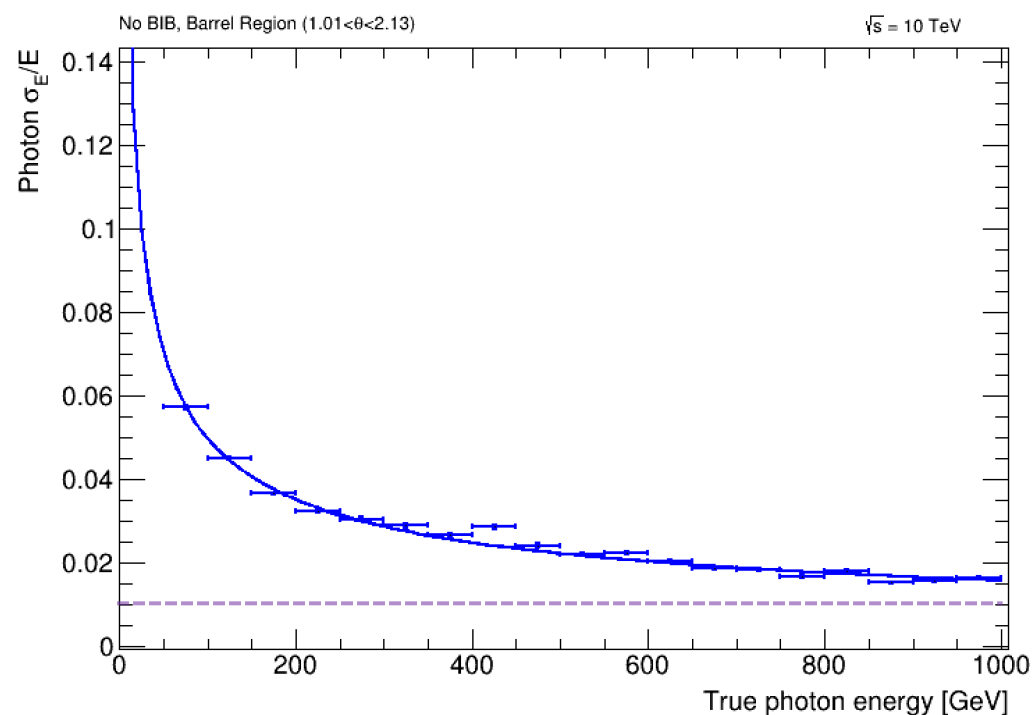
Forward Region Individual Fits



10 TeV Sample, Full E Range



10 TeV Sample, Full E Range, EPJC Binning



10 TeV Full Range Individual Fits

