

FSR Plots

September 13, 2024

Table of contents

Layer 1 / Layer 2 -

BB - Custom

Layer 1 / Layer 2 -

BE - Custom

Layer 1 / Layer 2 -

EE - Custom

Layer 0 - BB -

Custom

Layer 0 - BE -

Custom

Layer 0 - EE -

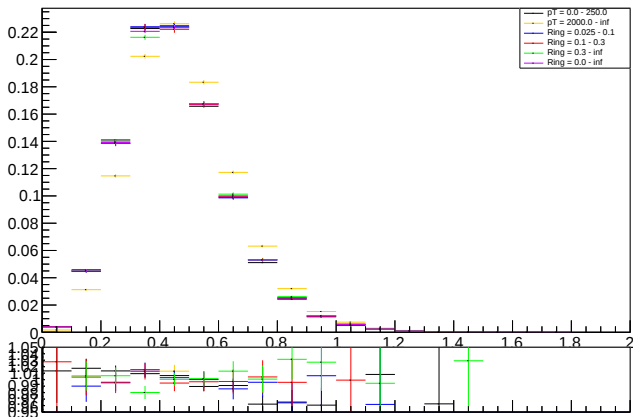
Custom

Description

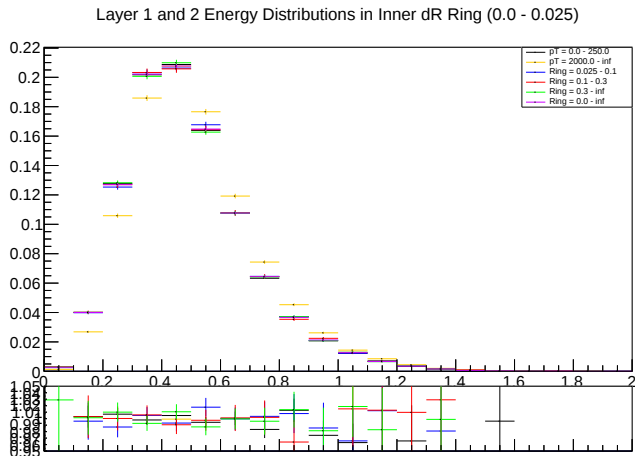
- ▶ Selection - Electrons are first selected based on Eta to determine which section of the calorimeter it is in (Barrel or Endcap).
Then selects FSR photon with smallest delta R (w.r.t. both leading and subleading electrons) - determines the FSR photon pT and the dR Ring which electrons are sorted into.

Layer 1 / Layer 2 - Barrel-Barrel - Custom

Layer 1 and 2 Energy Distributions in Inner dR Ring (0.0 - 0.025)

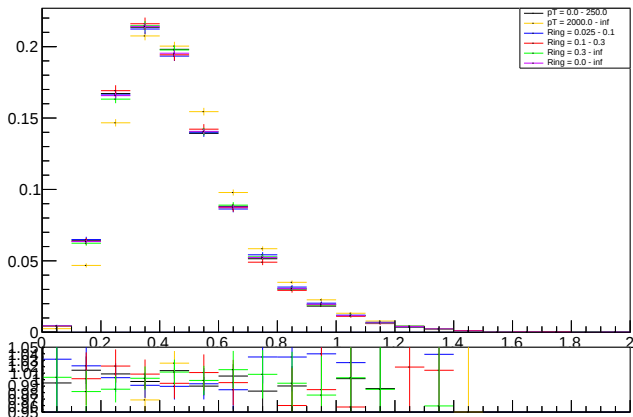


Layer 1 / Layer 2 - Barrel-Endcap - Custom



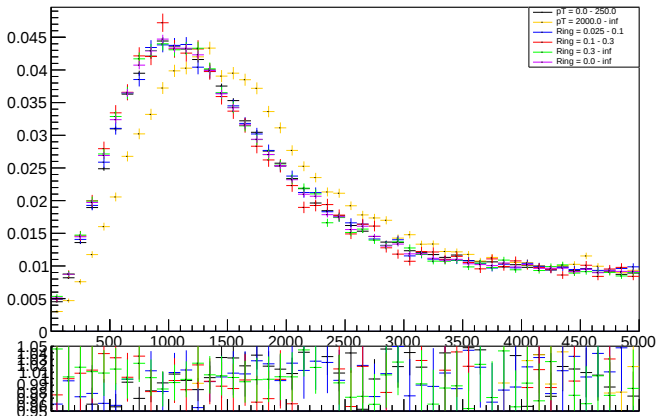
Layer 1 / Layer 2 - Endcap-Endcap - Custom

Layer 1 and 2 Energy Distributions in Inner dR Ring (0.0 - 0.025)



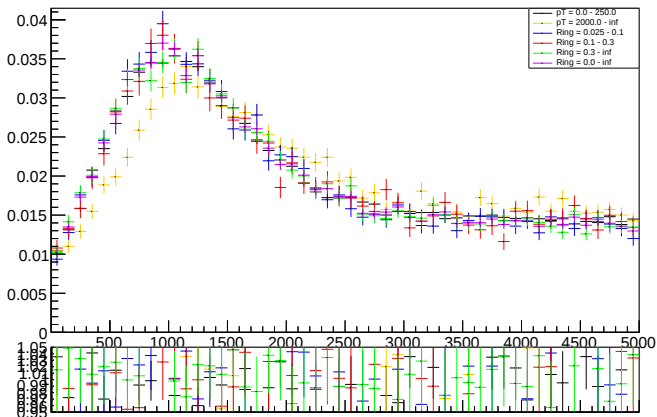
Layer 0 - Barrel-Barrel - Custom

Layer 0 Energy Distributions in Inner dR Ring (0.0 - 0.025)



Layer 0 - Barrel-Endcap - Custom

Layer 0 Energy Distributions in Inner dR Ring (0.0 - 0.025)



Layer 0 - Endcap-Endcap - Custom

Layer 0 Energy Distributions in Inner dR Ring (0.0 - 0.025)

