

Reco vs Truth Plots

October 11, 2024

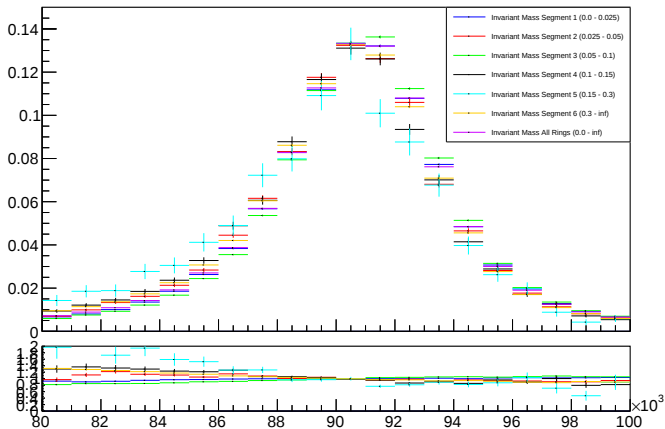
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Description

- ▶ 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.

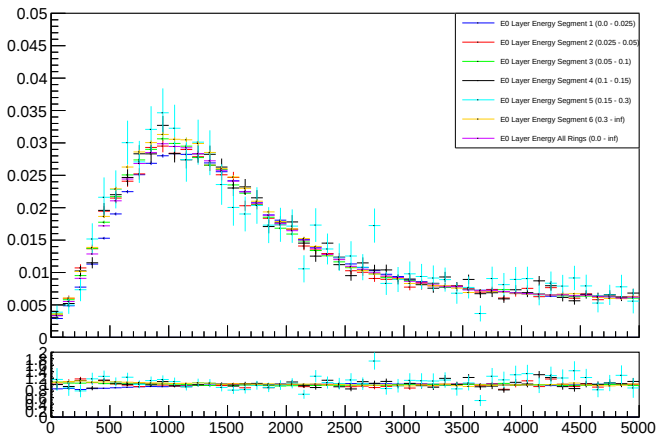
Invariant Mass - Barrel-Barrel - All Rings

Invariant Mass - All Rings



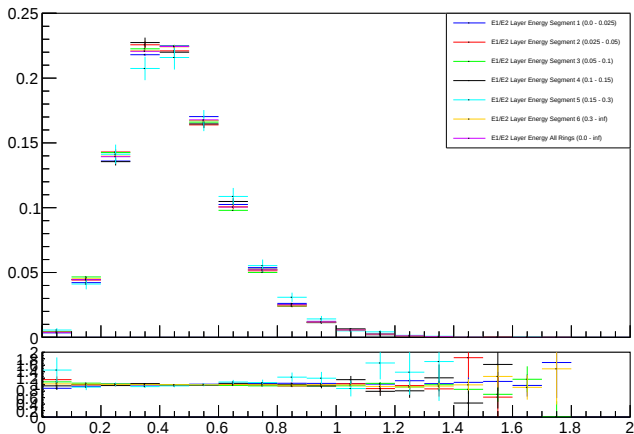
E0 Layer Energy - Barrel-Barrel - All Rings

E0 Layer Energy - All Segments



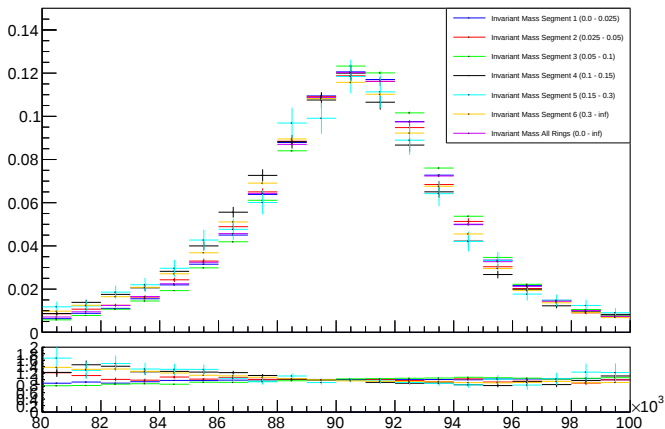
E1E2 Layer Energy - Barrel-Barrel - All Rings

E1E2 Layer Energy - All Segments



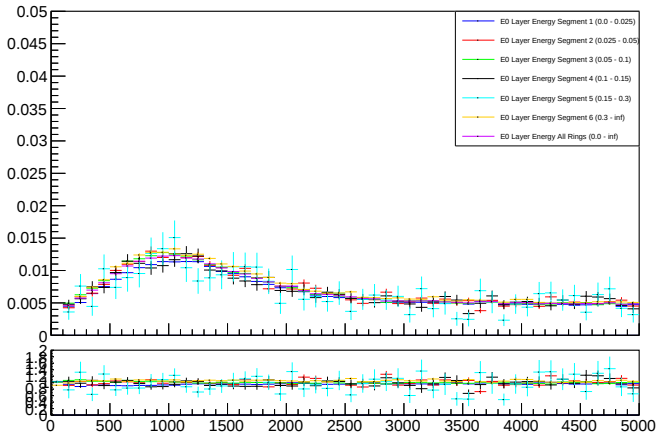
Invariant Mass - Barrel-Endcap - All Rings

Invariant Mass - All Rings



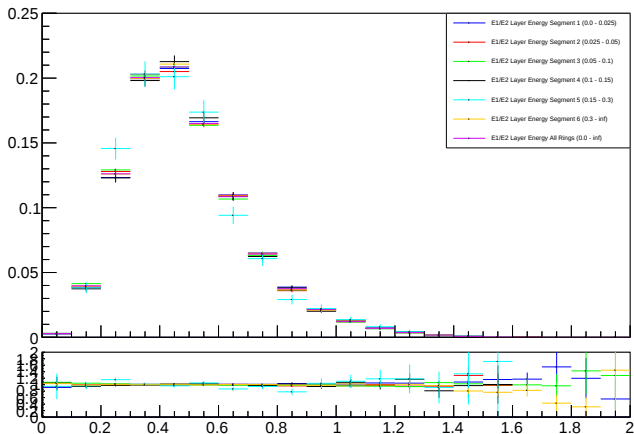
E0 Layer Energy - Barrel-Endcap - All Rings

E0 Layer Energy - All Segments



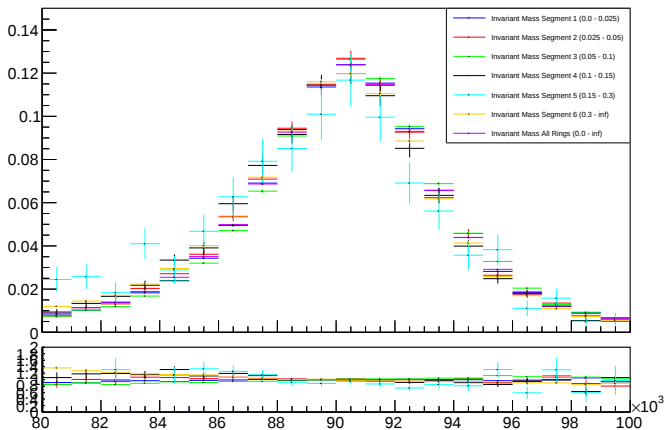
E1E2 Layer Energy - Barrel-Endcap - All Rings

E1E2 Layer Energy - All Segments



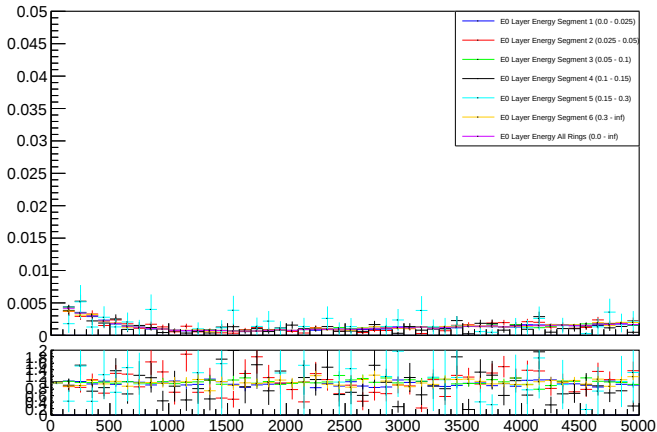
Invariant Mass - Endcap-Endcap - All Rings

Invariant Mass - All Rings



E0 Layer Energy - Endcap-Endcap - All Rings

E0 Layer Energy - All Segments



E1E2 Layer Energy - Endcap-Endcap - All Rings

E1E2 Layer Energy - All Segments

