

FSR Plots

July 31, 2024

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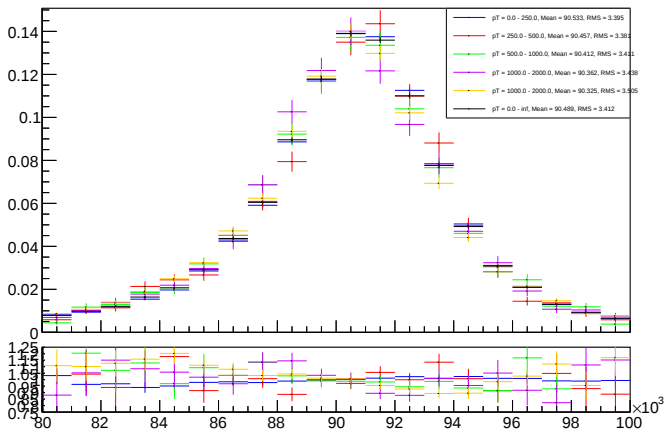
Invariant Mass - BB -
Ring 1
Invariant Mass - BB -
All Rings
Invariant Mass - BE -
Ring 1
Invariant Mass - BE -
Ring 1
Invariant Mass - EE -
Ring 1
Invariant Mass - EE -
Ring 1

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.

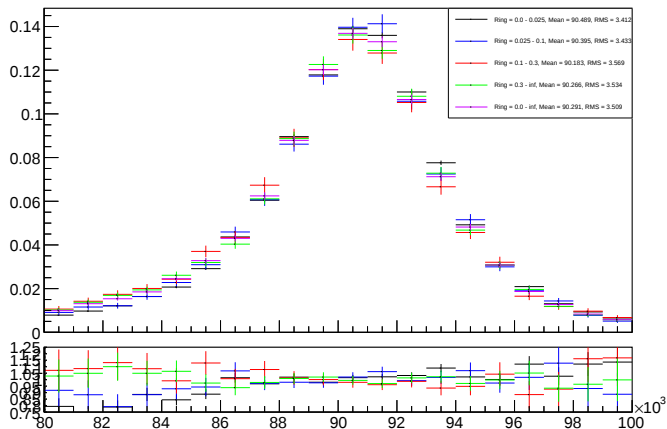
Invariant Mass - Barrel-Barrel - Ring 1 (0.0 - 0.025)

Mass Distributions in Inner dR Ring (0.0 - 0.025)



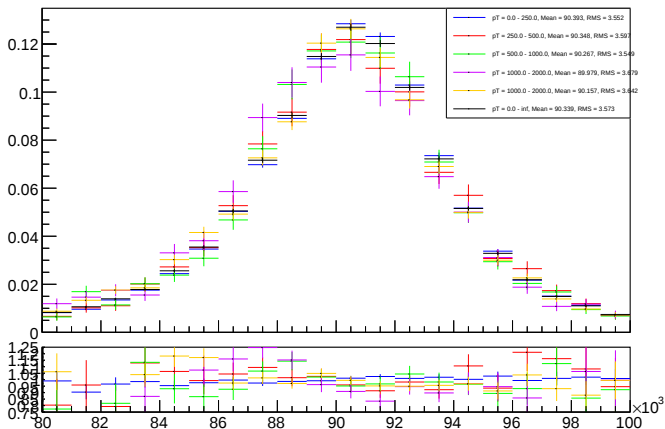
Invariant Mass - Barrel-Barrel - All Rings

Invariant Mass Distributions in All Rings



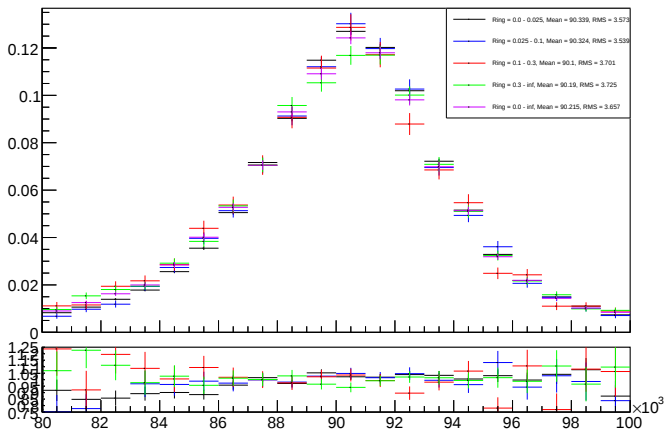
Invariant Mass - Barrel-Endcap - Ring 1 (0.0 - 0.025)

Mass Distributions in Inner dR Ring (0.0 - 0.025)



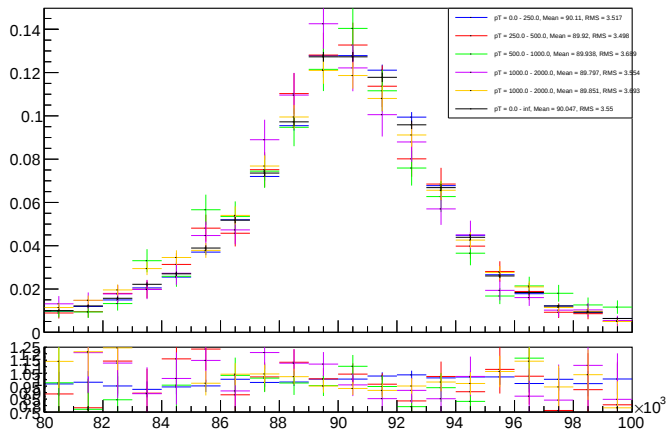
Invariant Mass - Barrel-Endcap - All Rings

Invariant Mass Distributions in All Rings



Invariant Mass - Endcap-Endcap - Ring 1 (0.0 - 0.025)

Mass Distributions in Inner dR Ring (0.0 - 0.025)



Invariant Mass - Endcap-Endcap - All Rings

Invariant Mass Distributions in All Rings

