

FSR Plots

July 19, 2024

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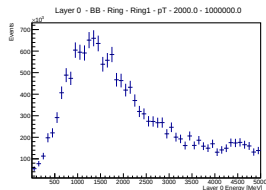
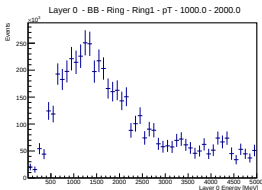
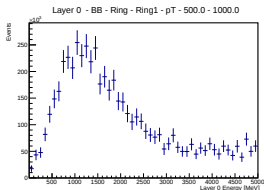
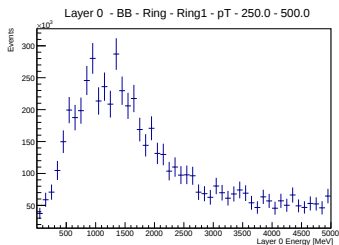
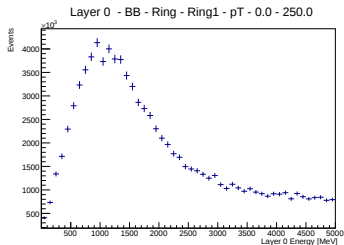
Invariant Mass - EE -

Ring 4

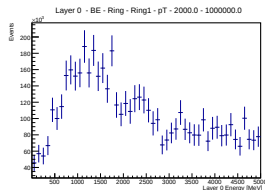
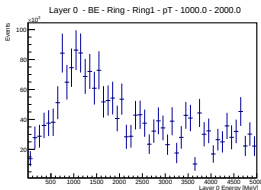
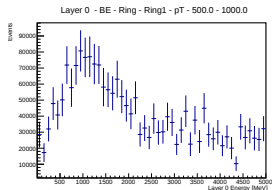
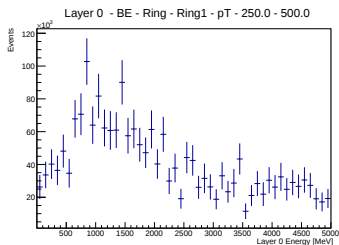
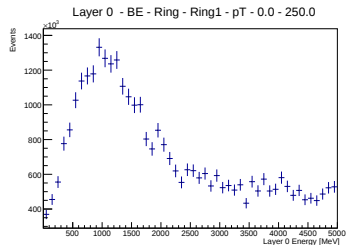
Description

- ▶ 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.

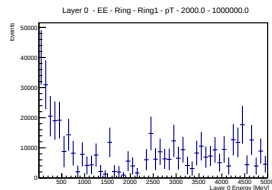
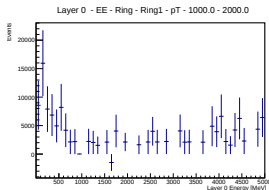
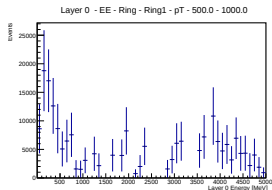
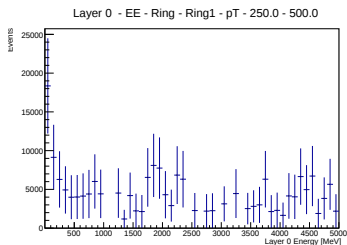
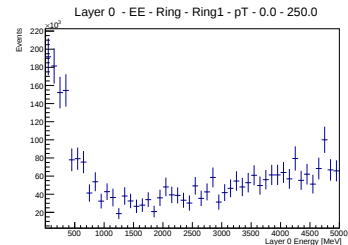
Layer 0 Energy - Barrel-Barrel - Ring 1 (0.0 - 0.025)



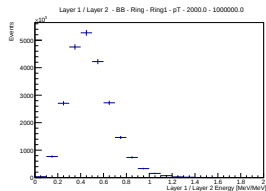
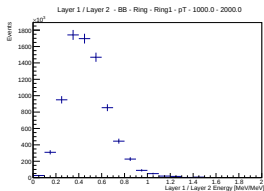
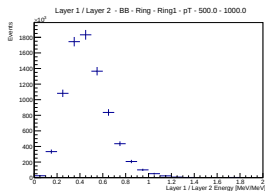
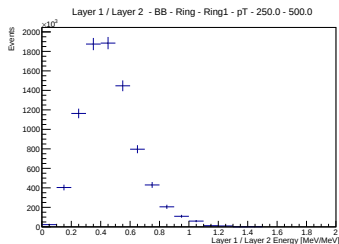
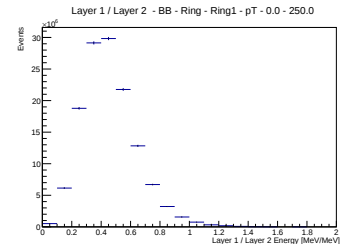
Layer 0 Energy - Barrel-Endcap - Ring 1 (0.0 - 0.025)



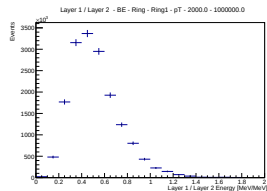
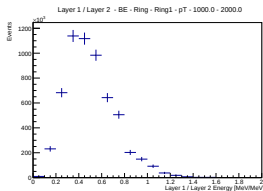
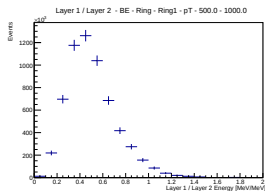
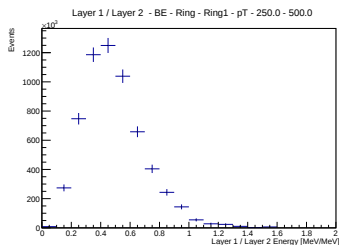
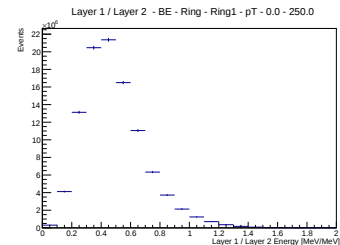
Layer 0 Energy - Endcap-Endcap - Ring 1 (0.0 - 0.025)



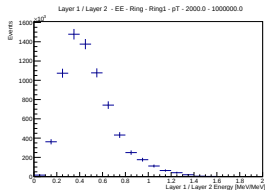
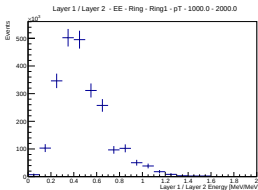
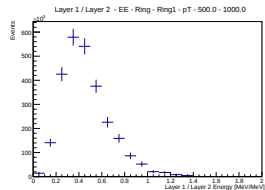
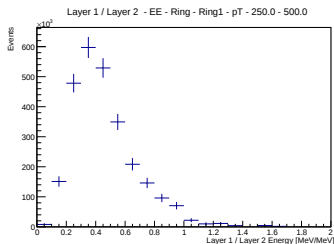
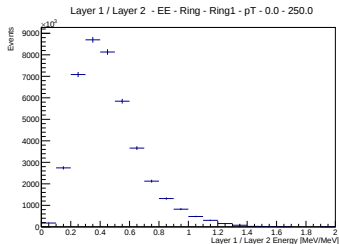
Layer 1 / Layer 2 Energy - Barrel-Barrel - Ring 1 (0.0 - 0.025)



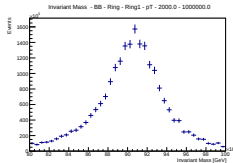
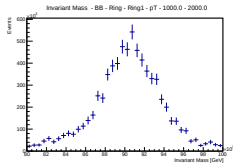
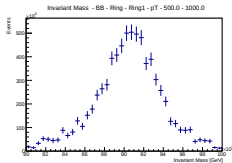
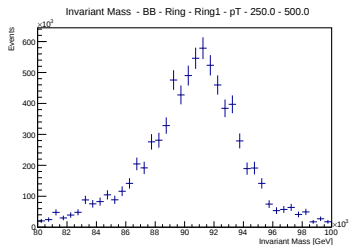
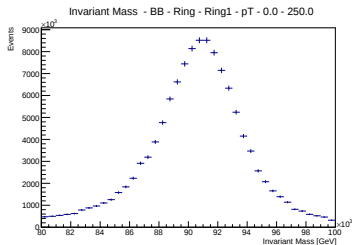
Layer 1 / Layer 2 Energy - Barrel-Endcap - Ring 1 (0.0 - 0.025)



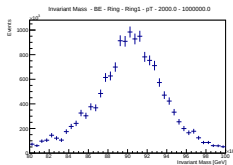
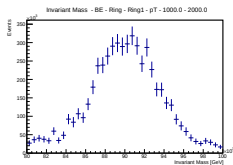
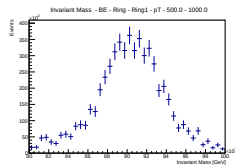
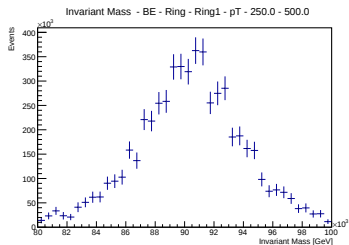
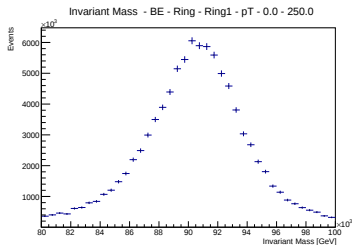
Layer 1 / Layer 2 Energy - Endcap-Endcap - Ring 1 (0.0 - 0.025)



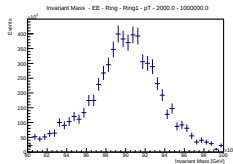
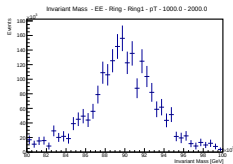
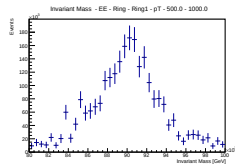
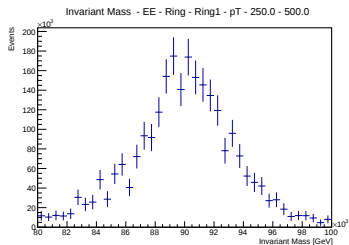
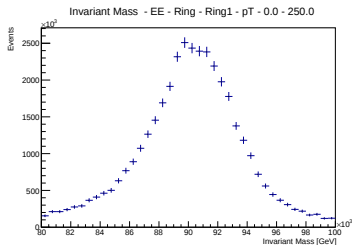
Invariant Mass - Barrel-Barrel - Ring 1 (0.0 - 0.025)



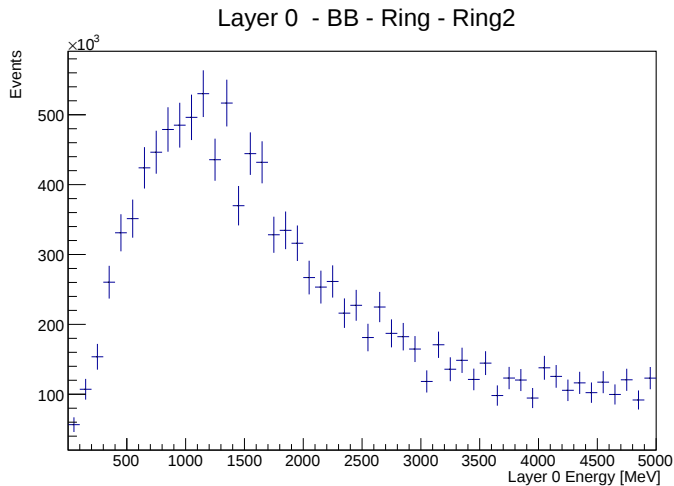
Invariant Mass - Barrel-Endcap - Ring 1 (0.0 - 0.025)



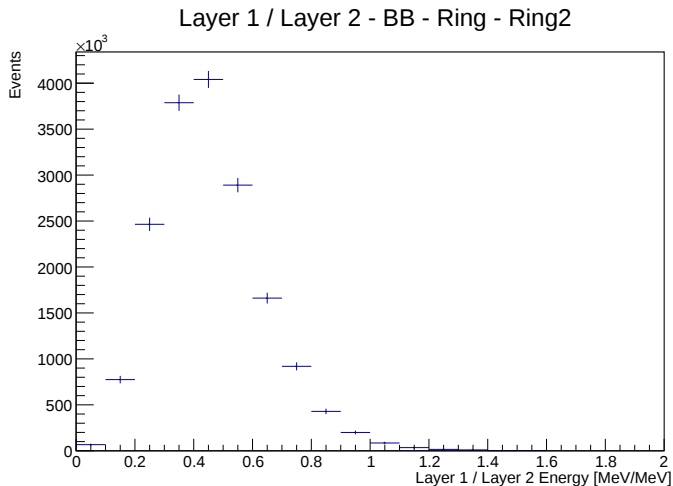
Invariant Mass - Endcap-Endcap - Ring 1 (0.0 - 0.025)



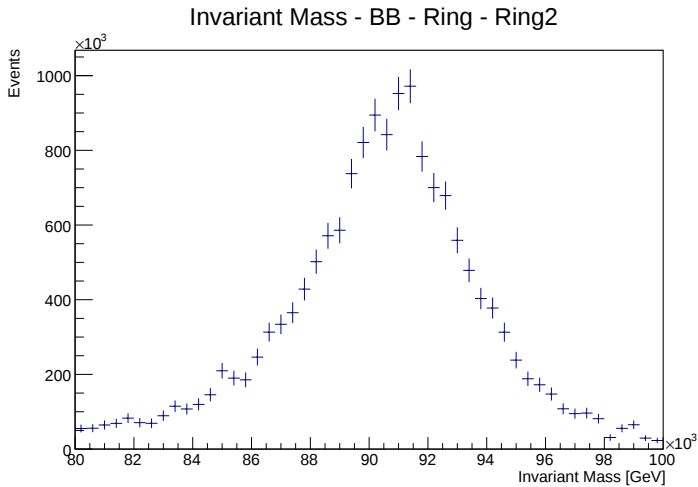
Layer 0 Energy - Barrel-Barrel - Ring 2 (0.025 - 0.1)



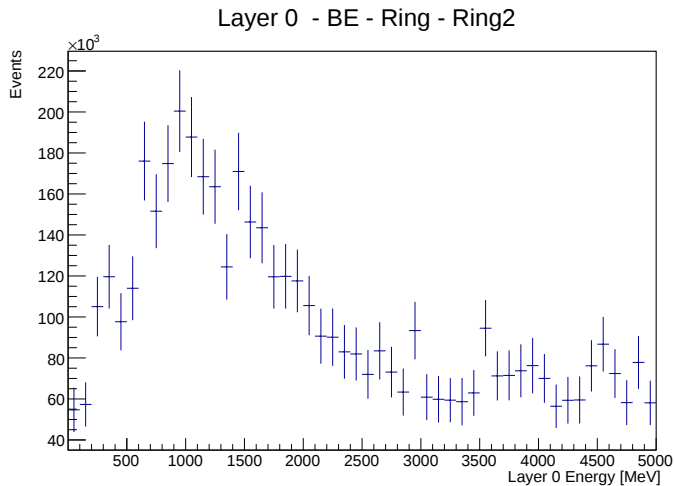
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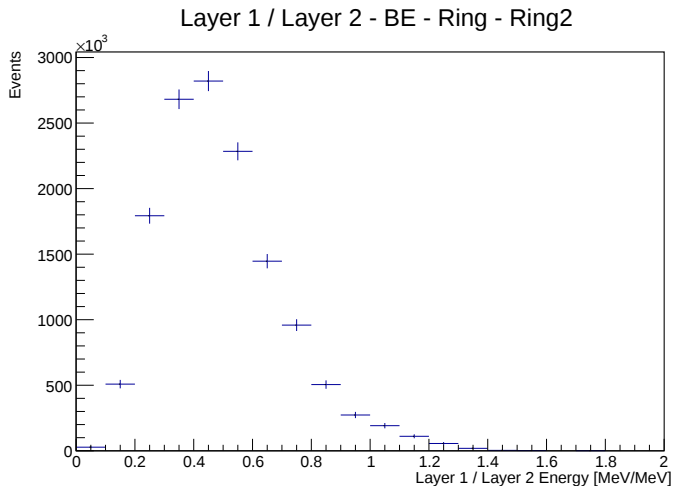
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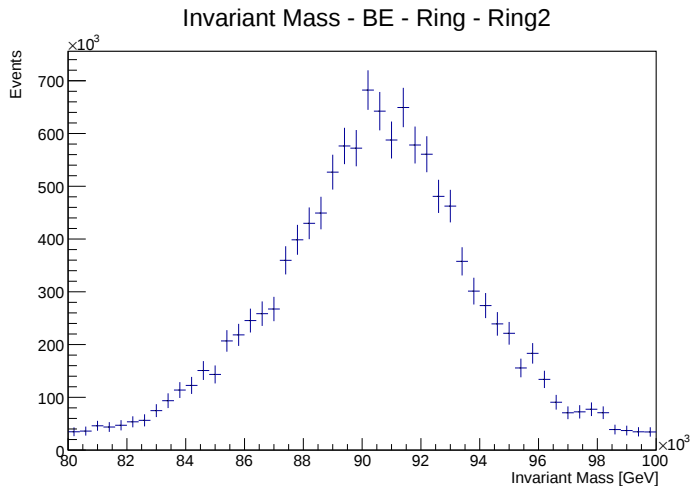
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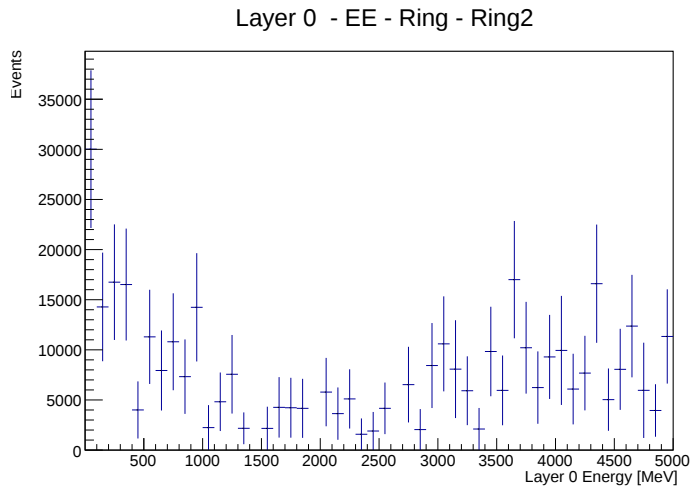
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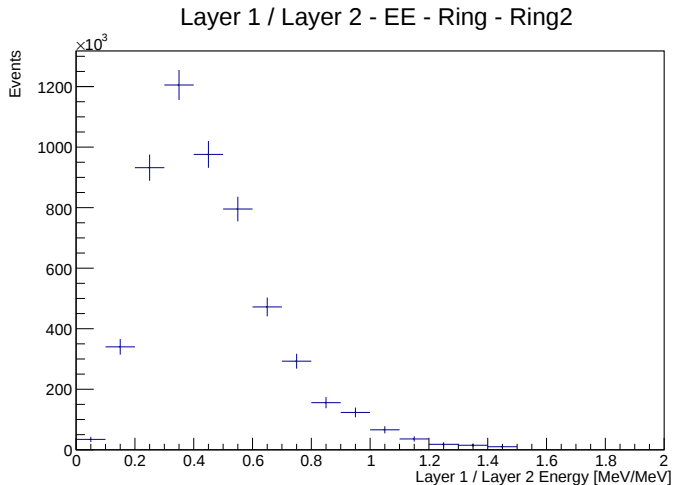
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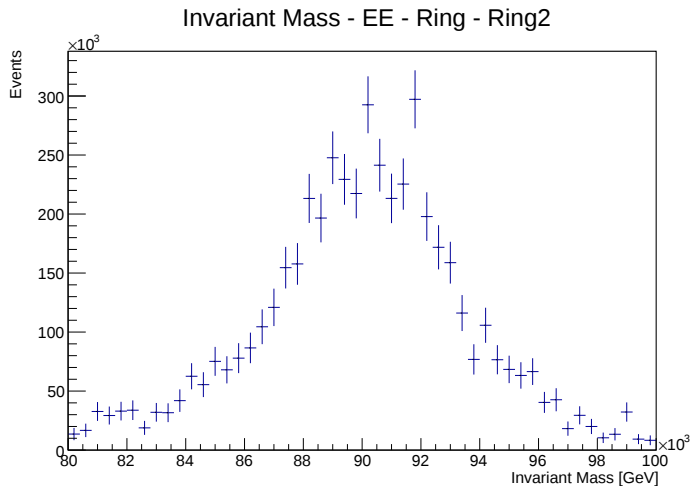
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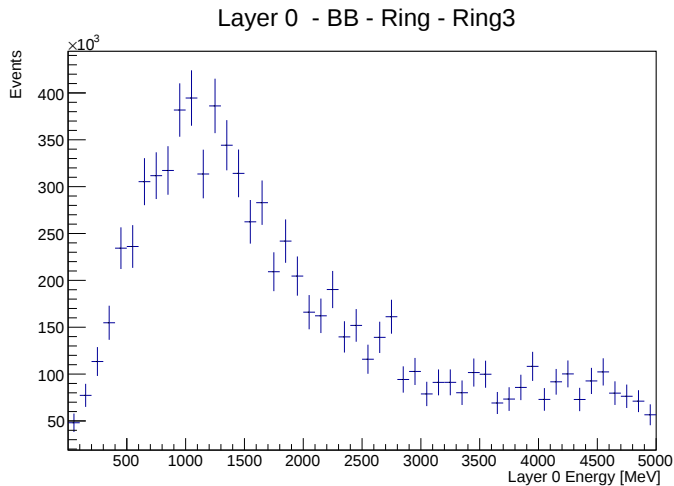
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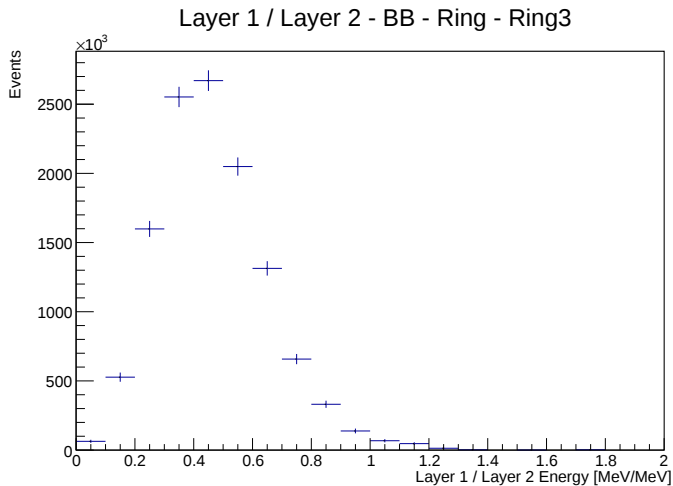
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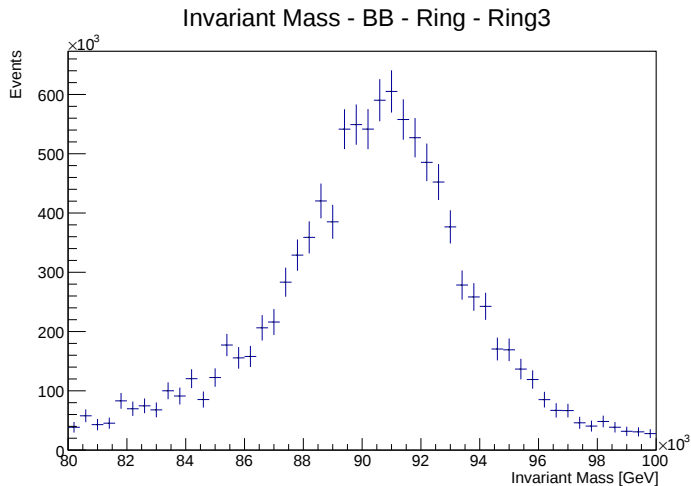
Layer 0 Energy - Barrel-Barrel - Ring 2 (0.1 - 0.3)



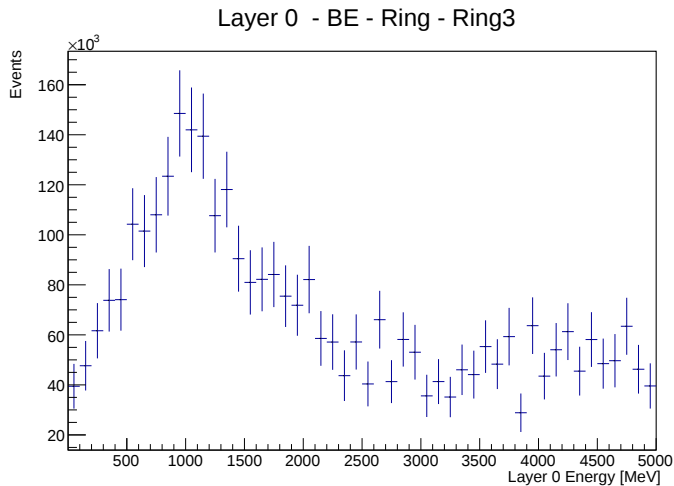
Layer 1 / Layer 2 Energy - Barrel-Barrel - Ring 2 (0.1 - 0.3)



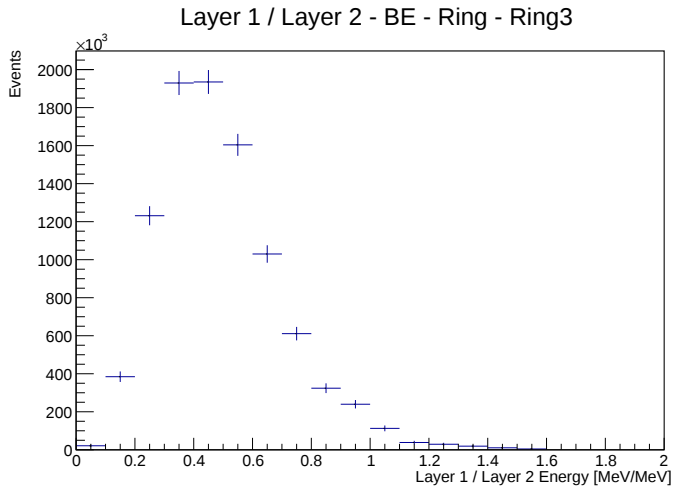
Invariant Mass - Barrel-Barrel - Ring 3 (0.1 - 0.3)



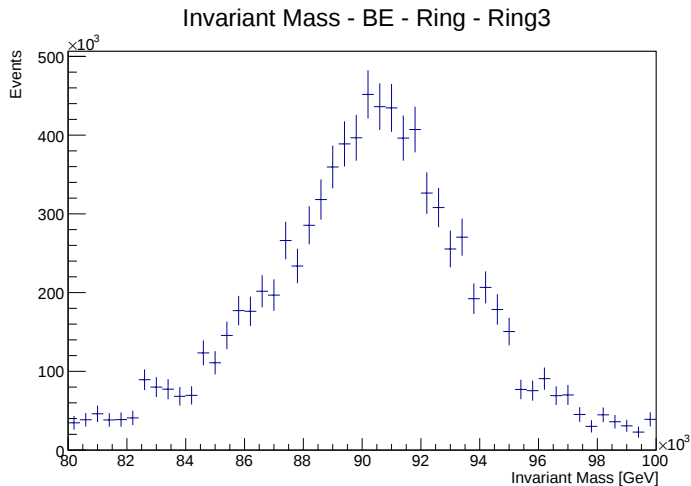
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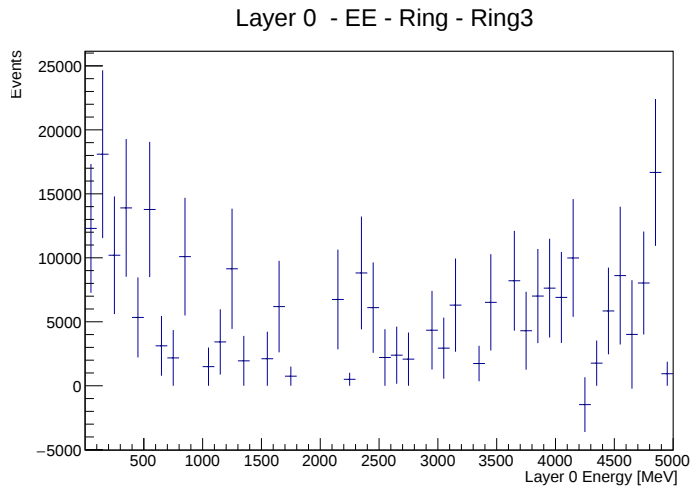
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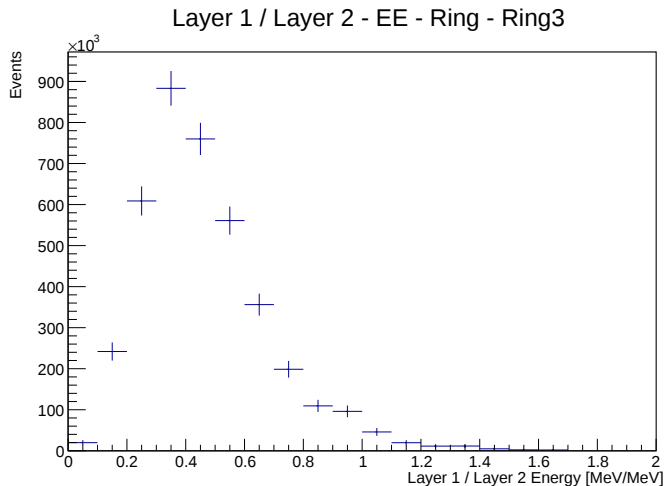
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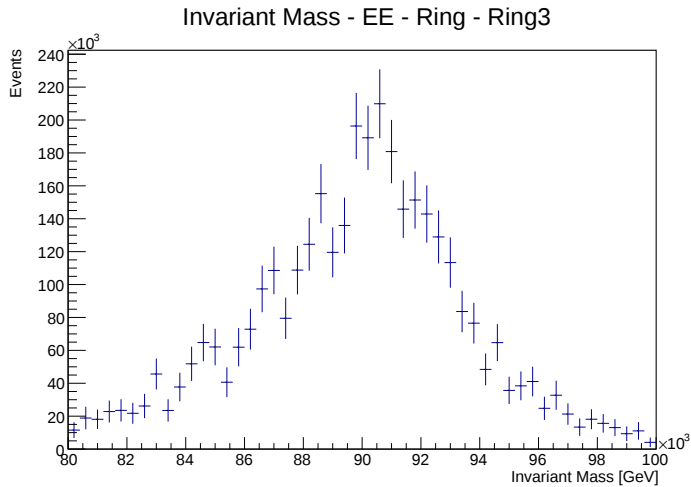
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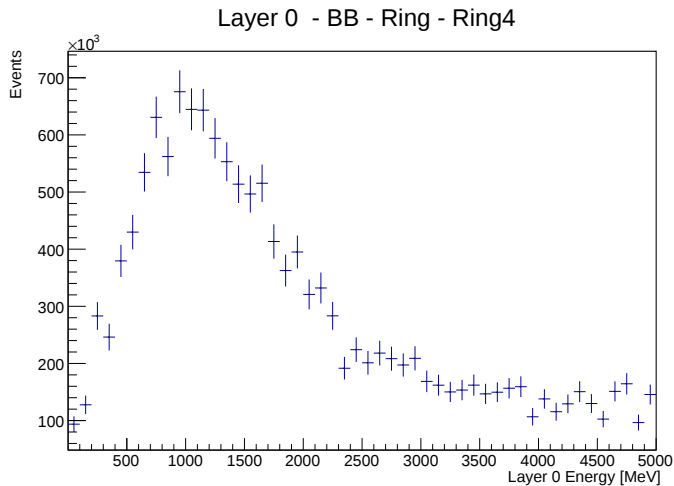
Layer 1 / Layer 2 Energy - Endcap-Endcap - Ring 2 (0.1 - 0.3)



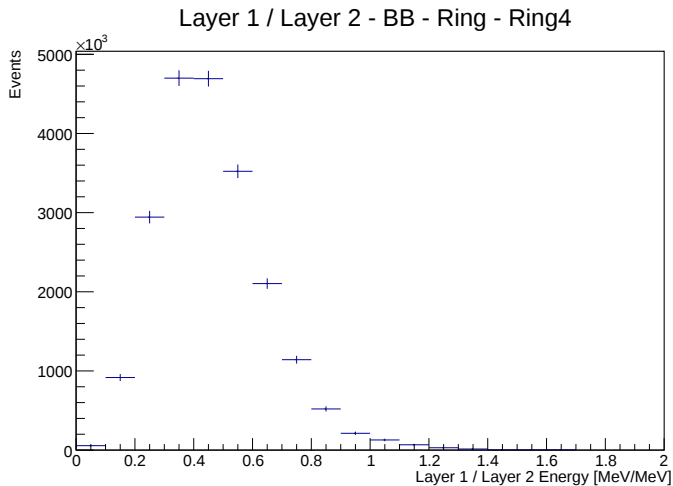
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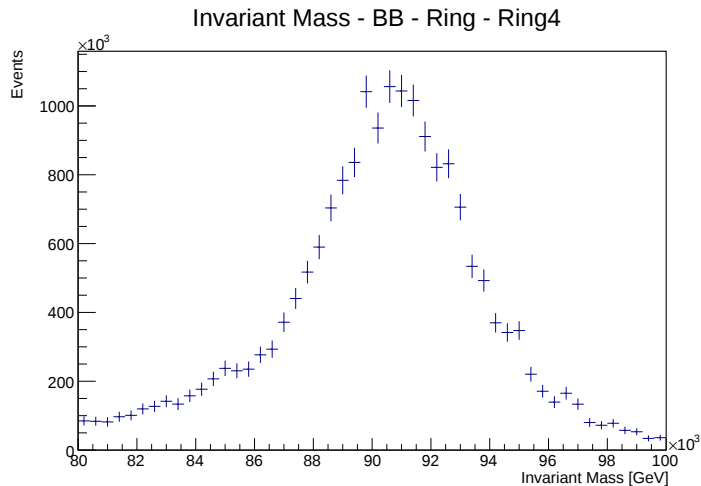
Layer 0 Energy - Barrel-Barrel - Ring 2 (0.3 - inf)



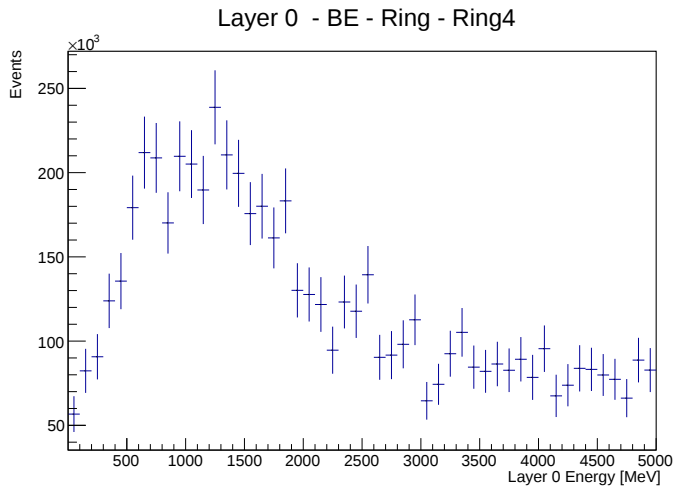
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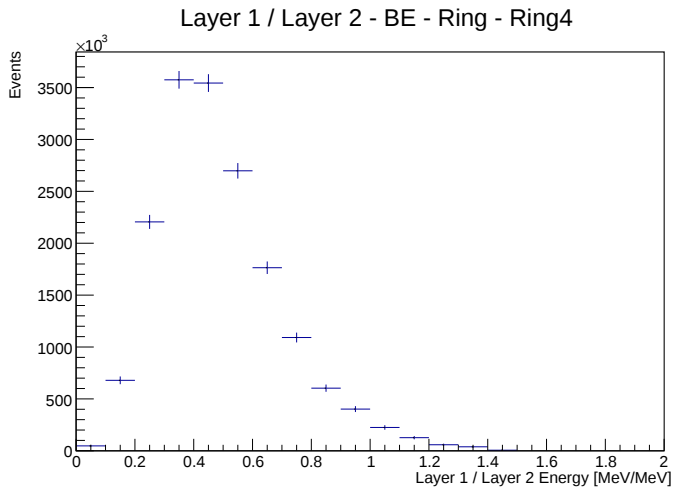
Invariant Mass - Barrel-Barrel - Ring 4 (0.3 - inf)



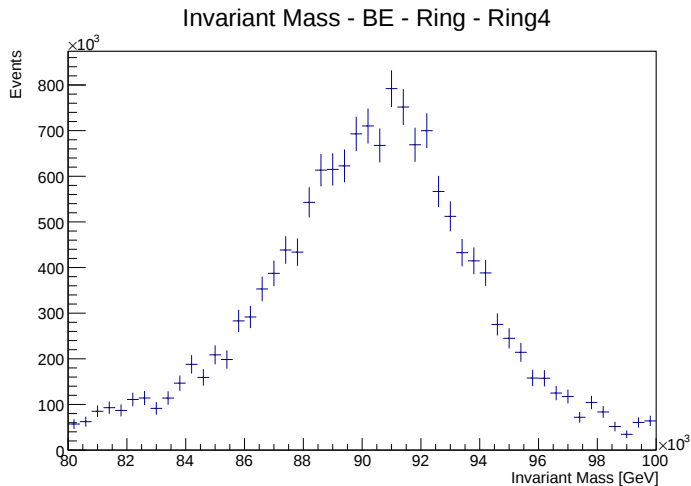
Layer 0 Energy - Barrel-Endcap - Ring 2 (0.3 - inf)



Layer 1 / Layer 2 Energy - Barrel-Endcap - Ring 2 (0.3 - inf)

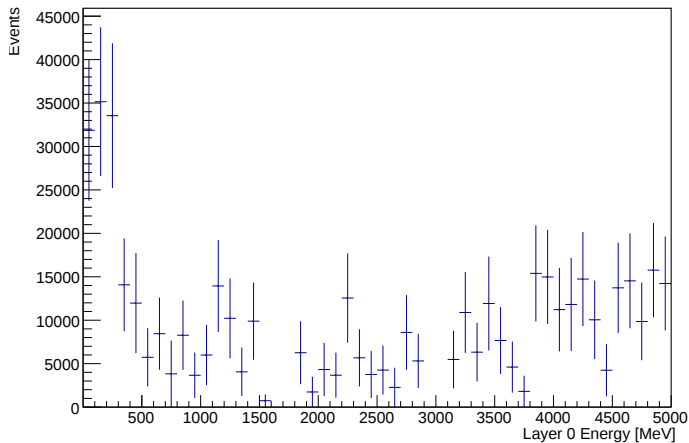


Invariant Mass - Barrel-Endcap - Ring 4 (0.3 - inf)

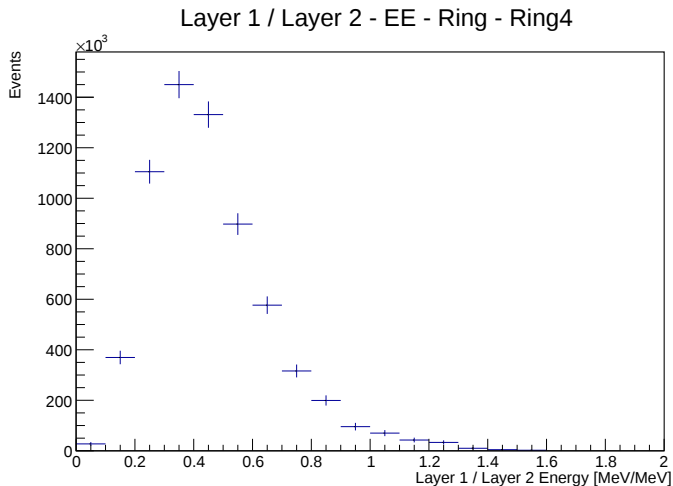


Layer 0 Energy - Endcap-Endcap - Ring 2 (0.3 - inf)

Layer 0 - EE - Ring - Ring4



Layer 1 / Layer 2 Energy - Endcap-Endcap - Ring 2 (0.3 - inf)



Invariant Mass - Endcap-Endcap - Ring 4 (0.3 - inf)

