Latest Resolution Plots for calorimeters

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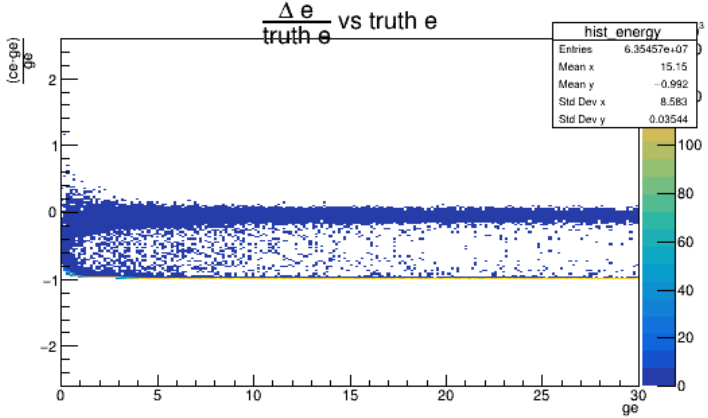
Lokesh Kumar

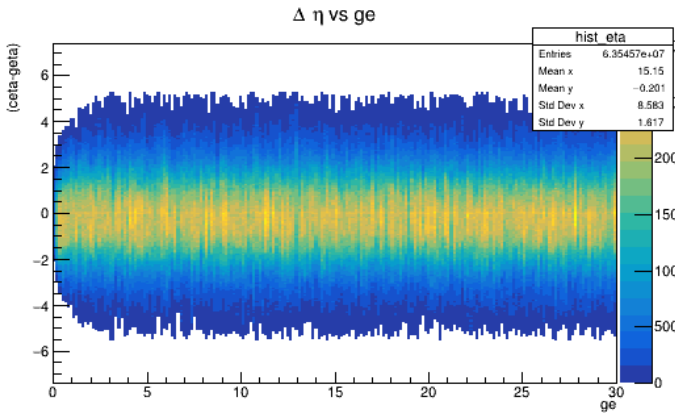
Specifications:

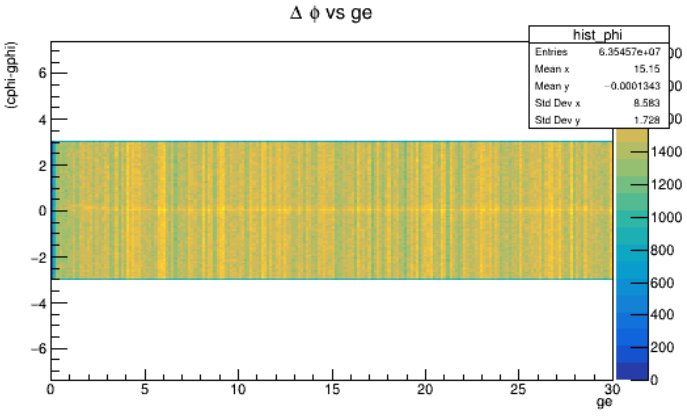
- Particle: e-
- Statistics: 100000
- Eta range: -4 to 4
- Momentum range: 0 – 30 MeV/c
- Reconstructed energy cut (ce): 200 MeV

CEMC Plots

Before cut:







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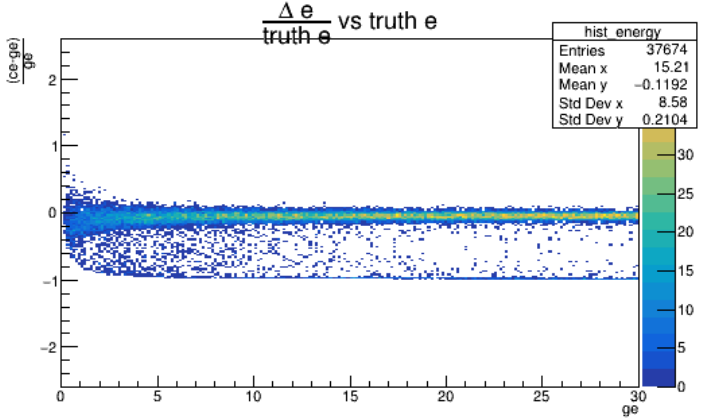

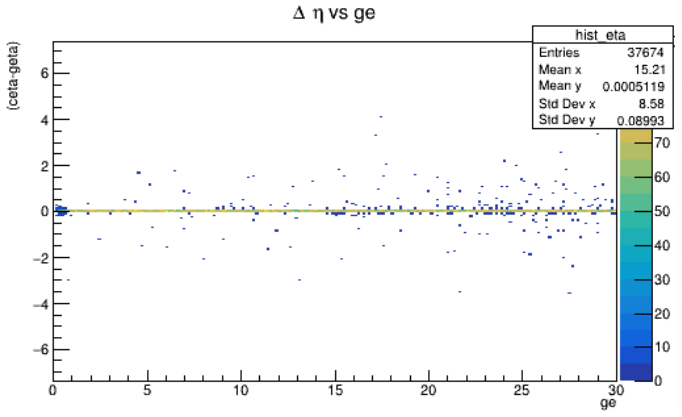

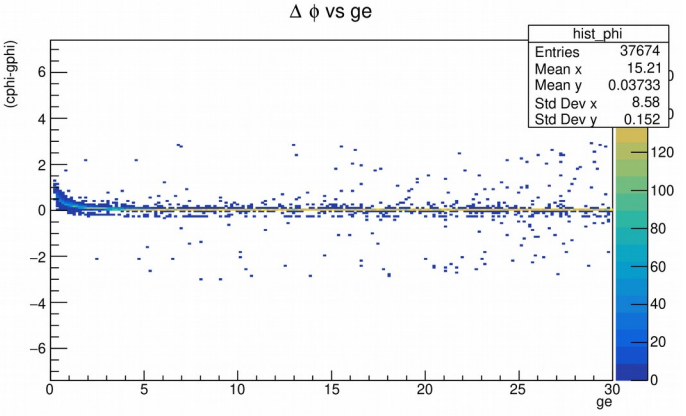

CEMC Plots

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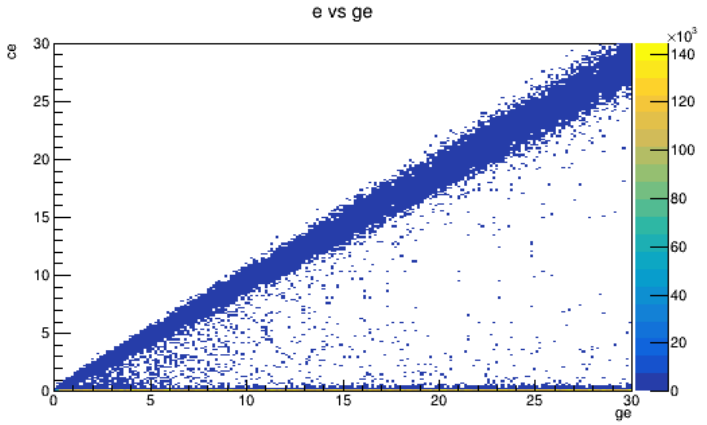

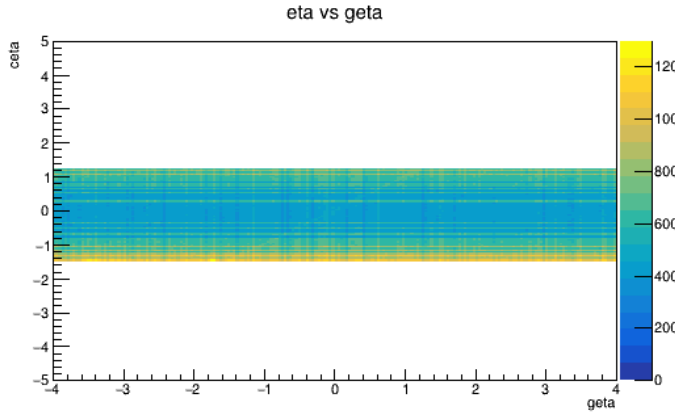

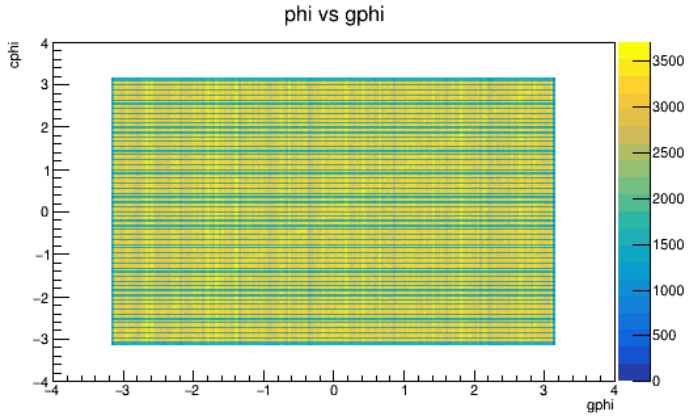

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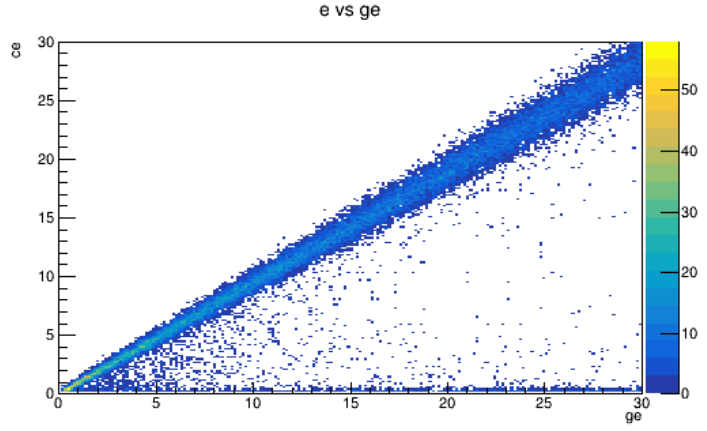

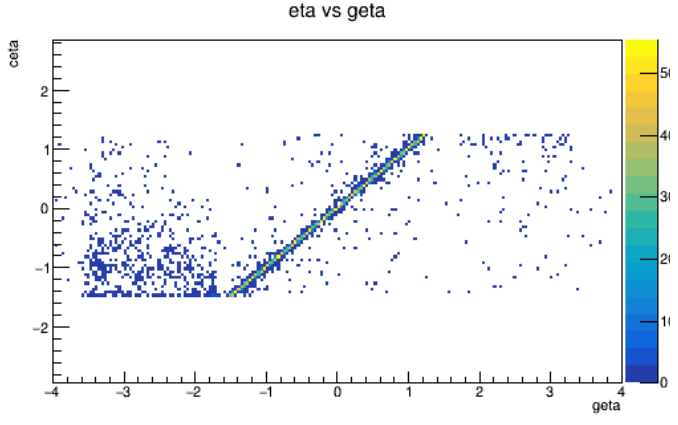

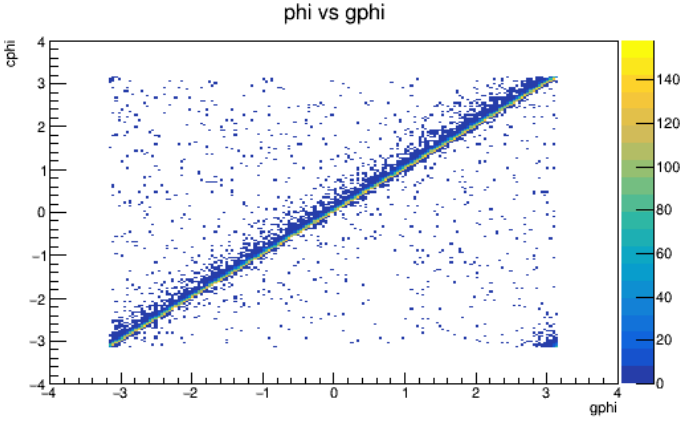

EEMC Plots

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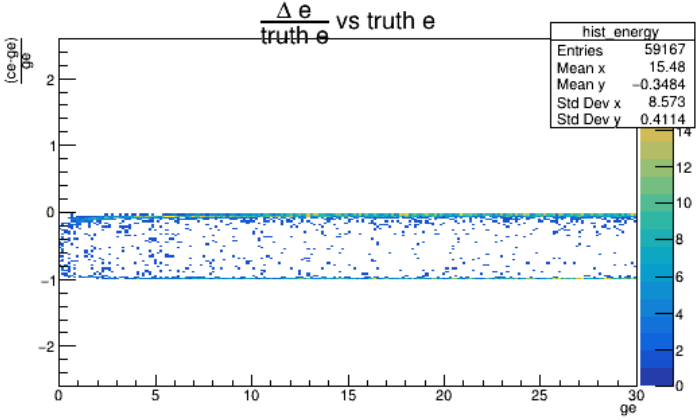

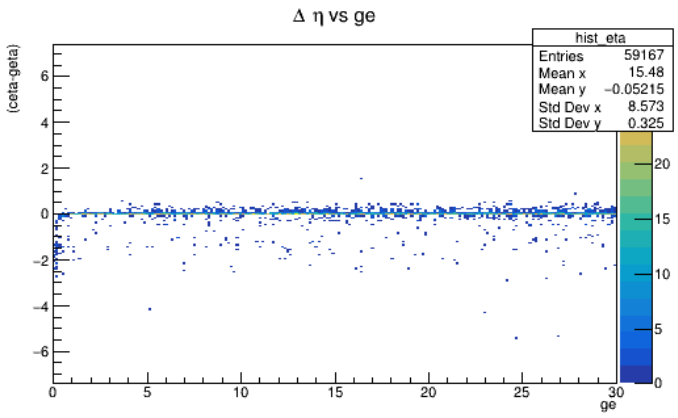

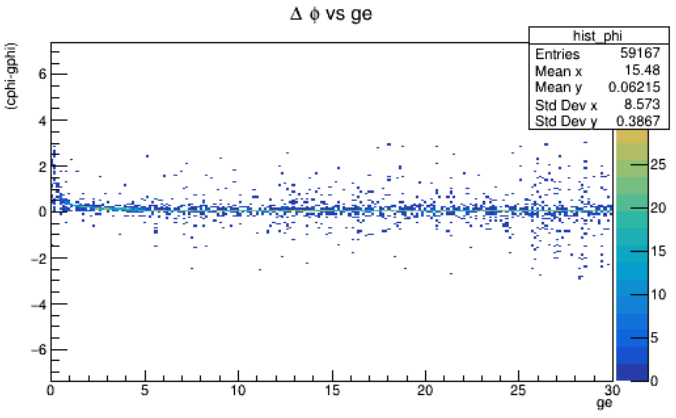

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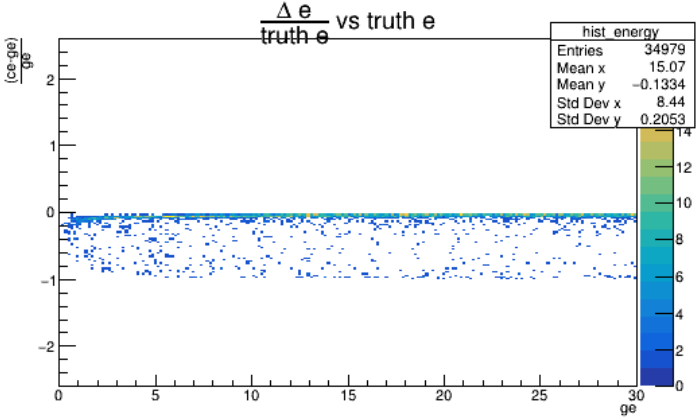

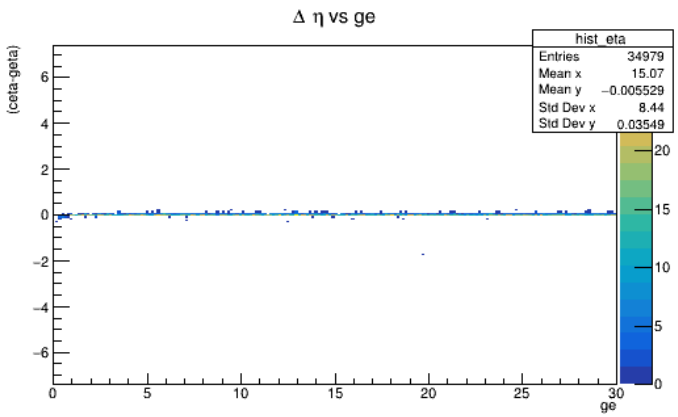

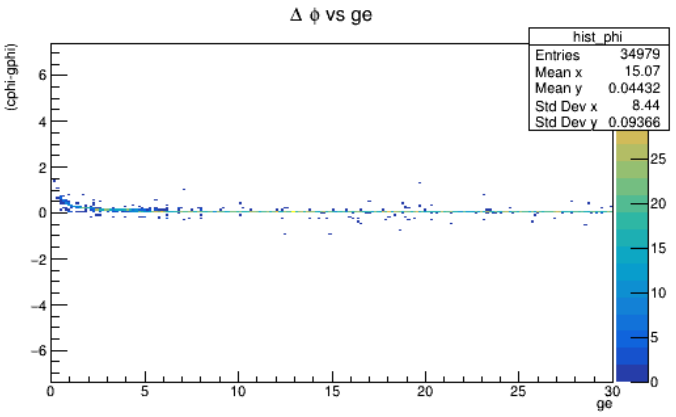

EEMC Plots

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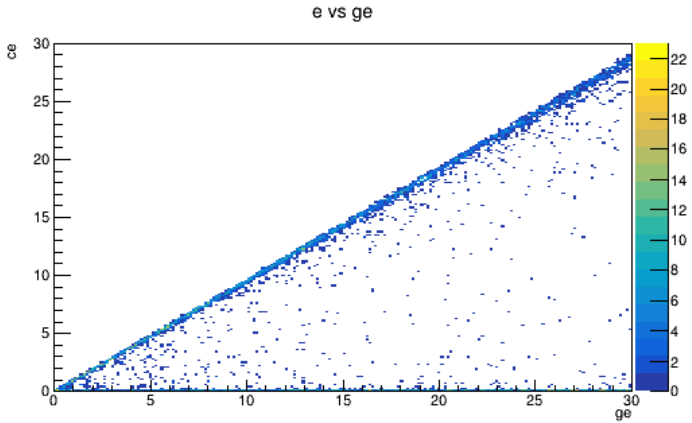

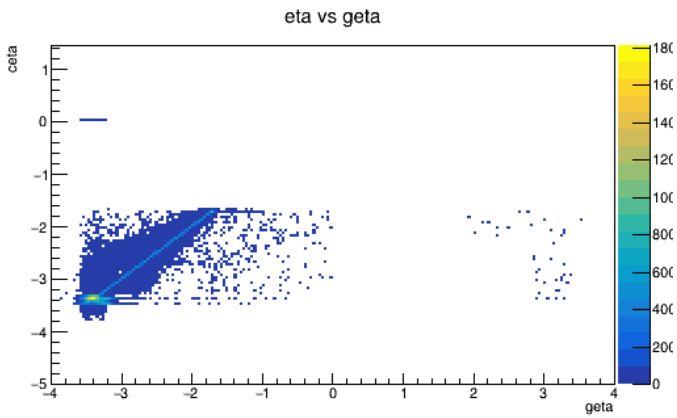

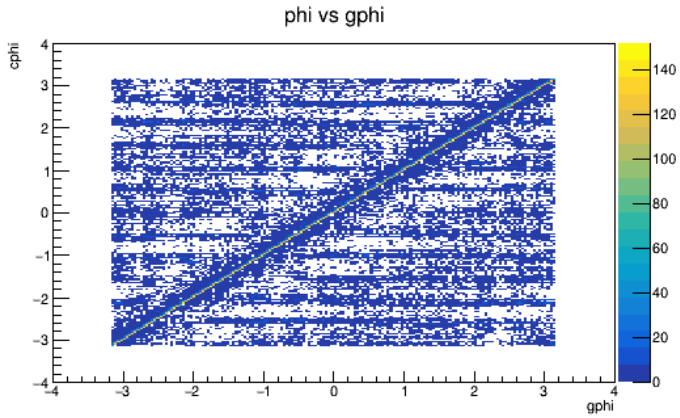

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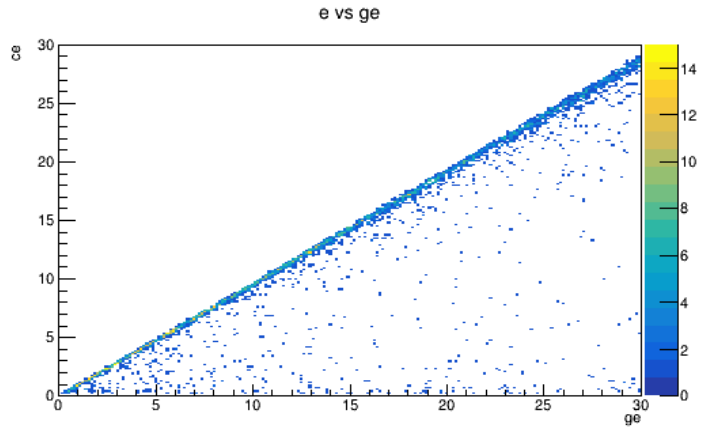

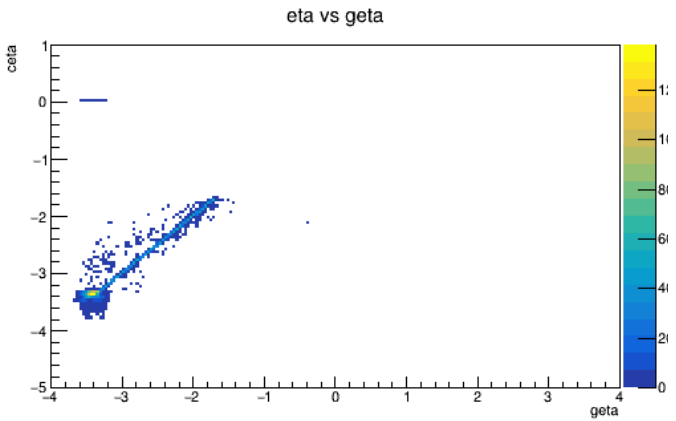

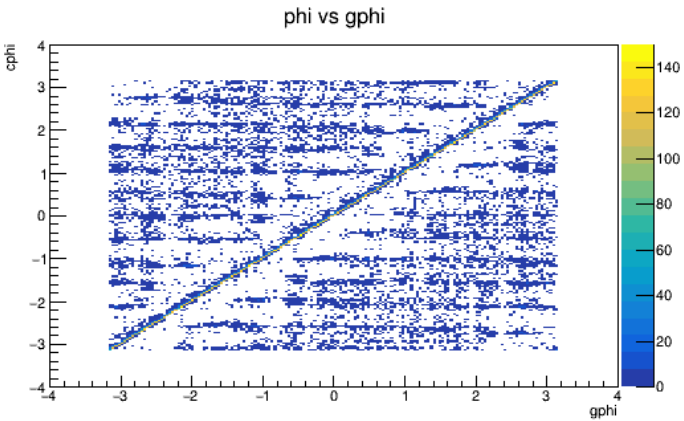

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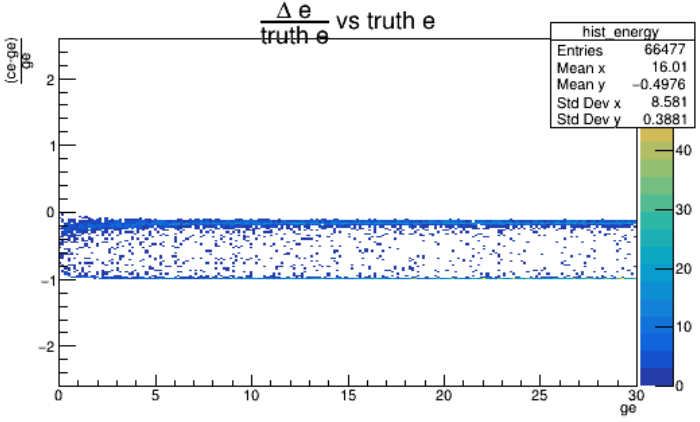

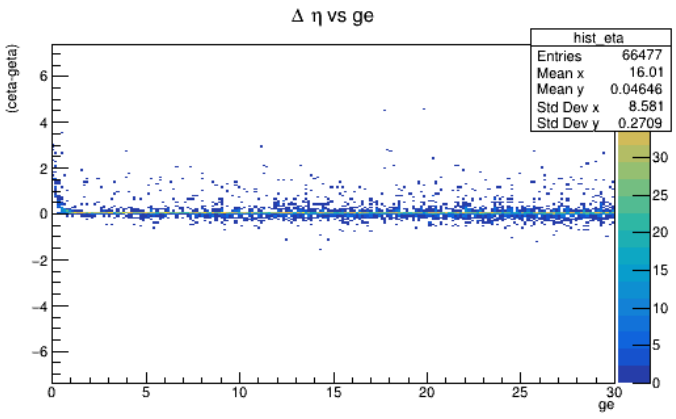

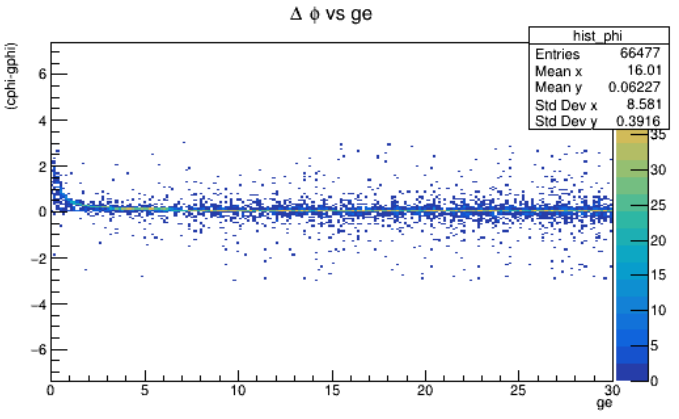

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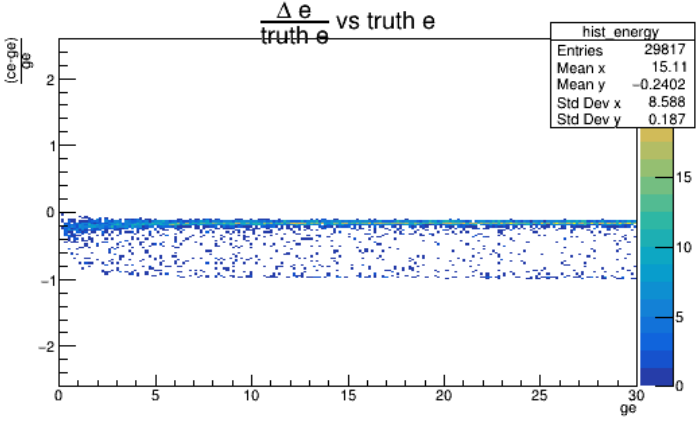

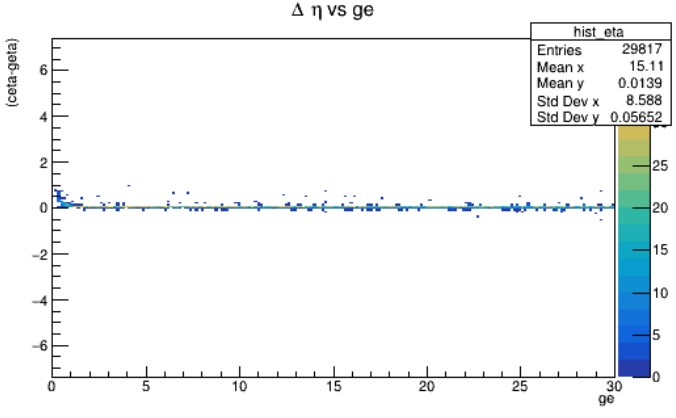

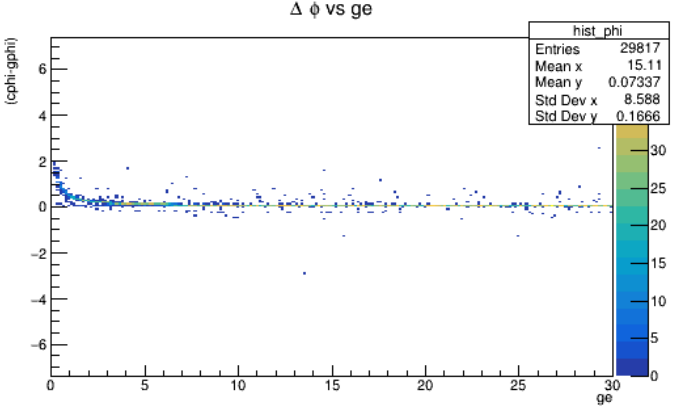

FEMC Plots

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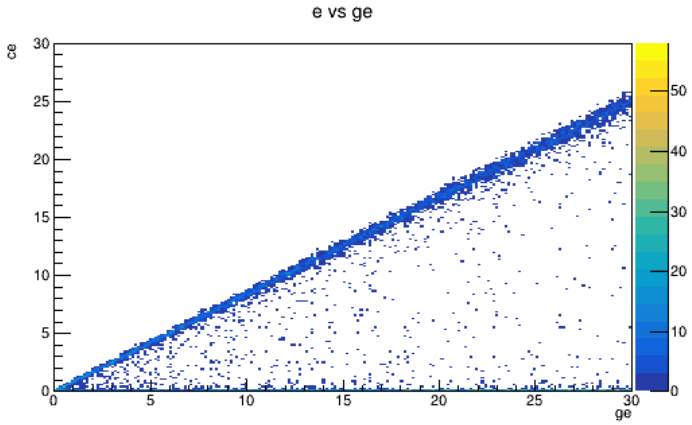

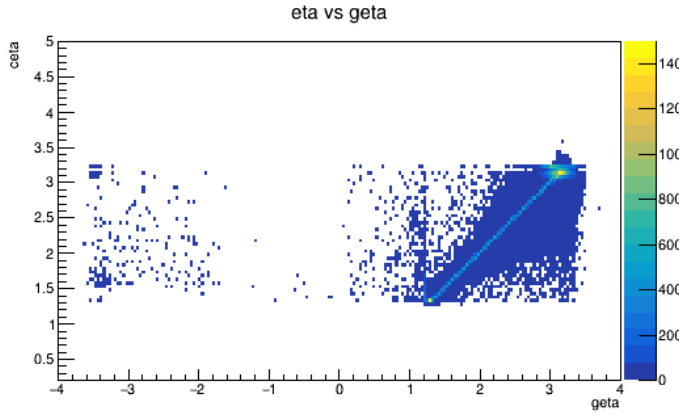

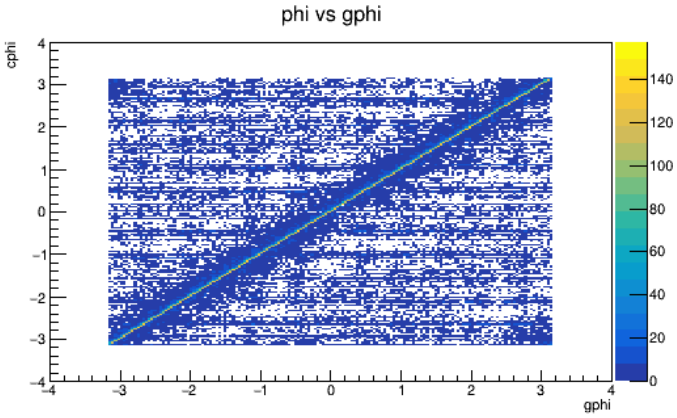

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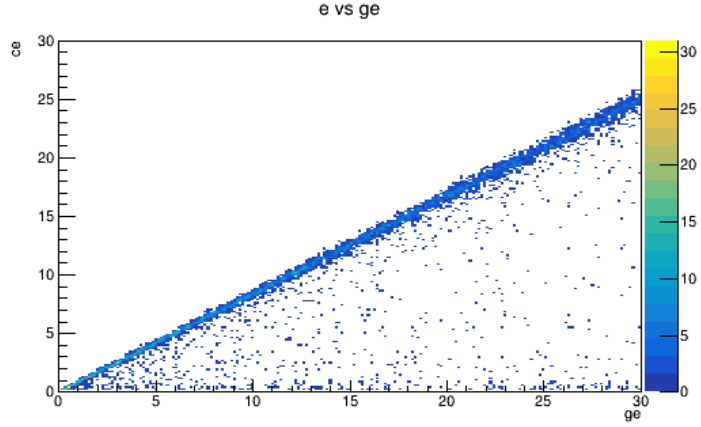

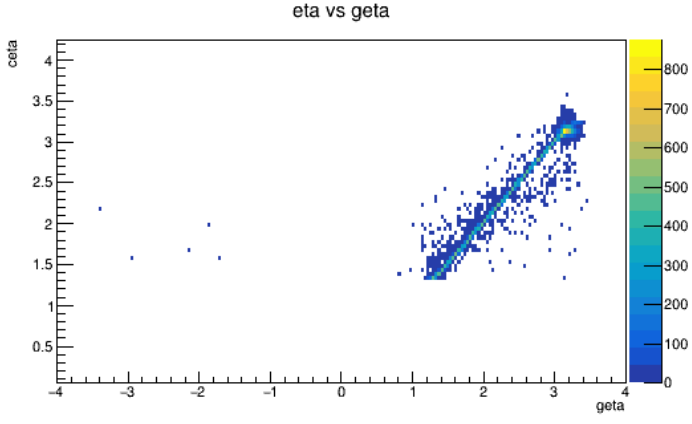

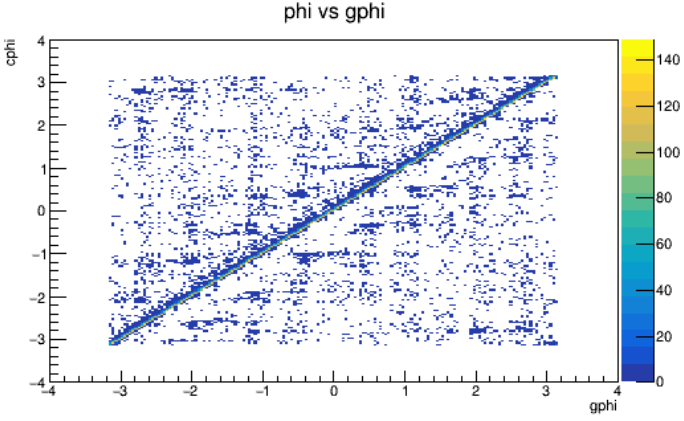

FHCAL Plots

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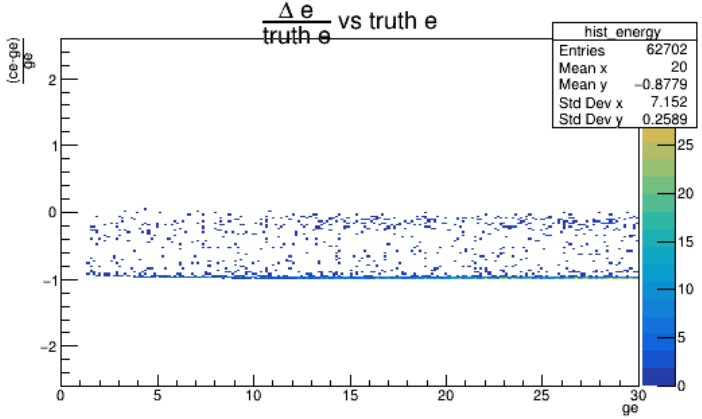

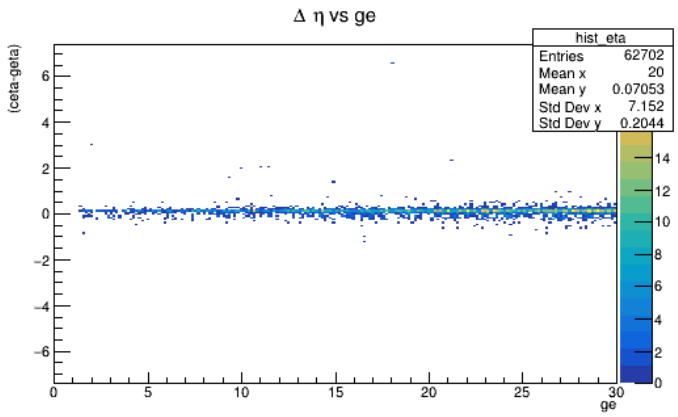

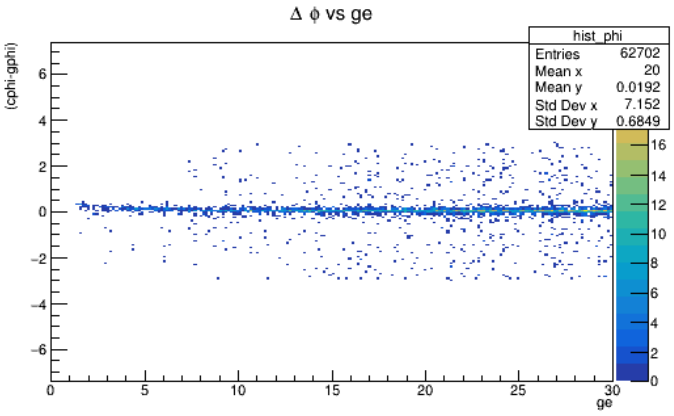

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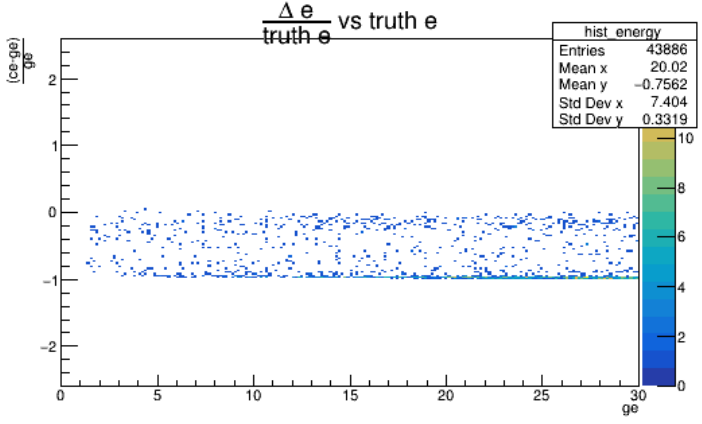

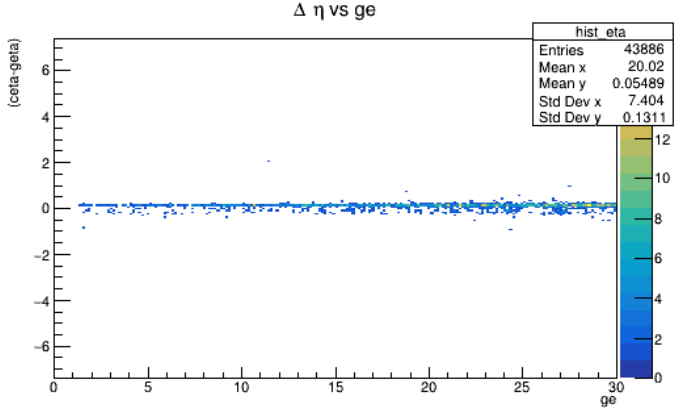

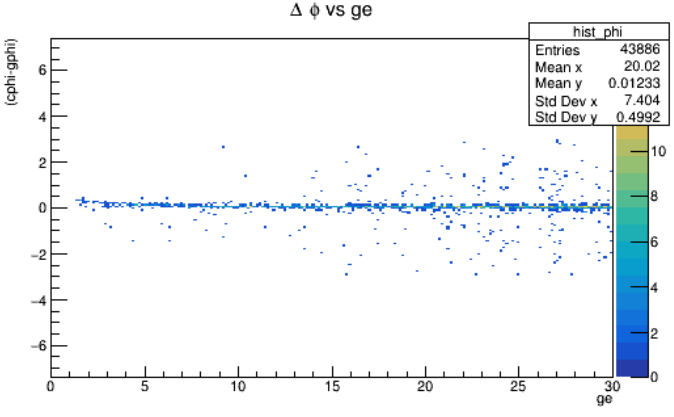

FHCAL Plots

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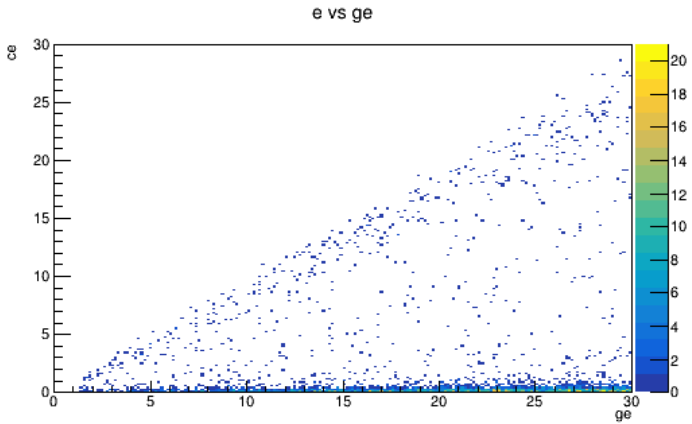

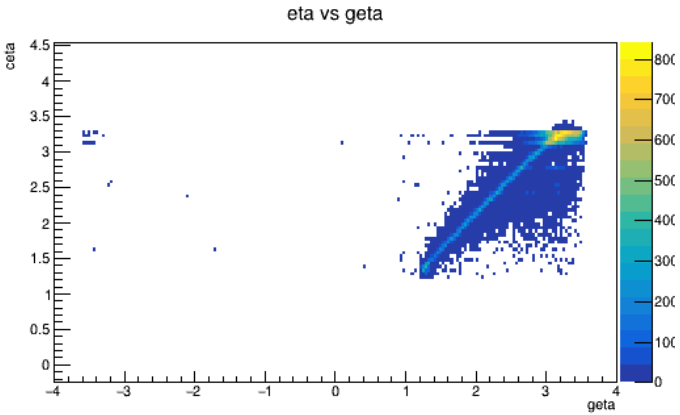

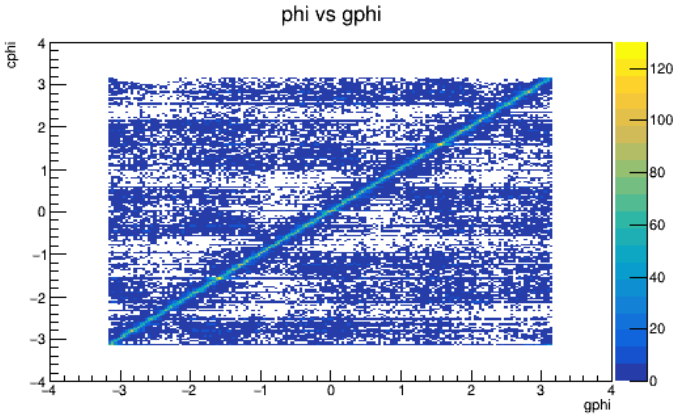

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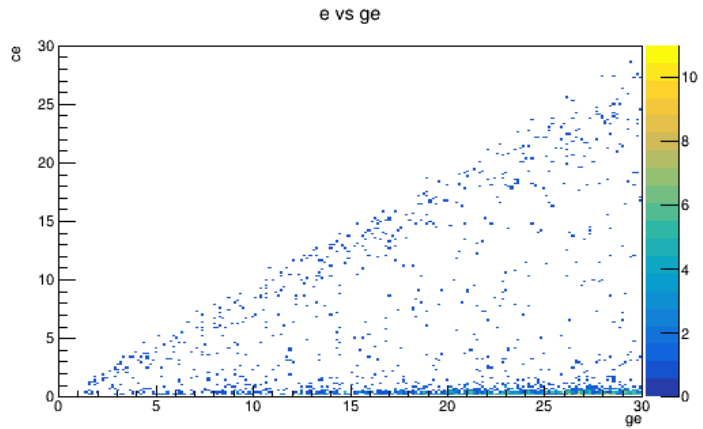

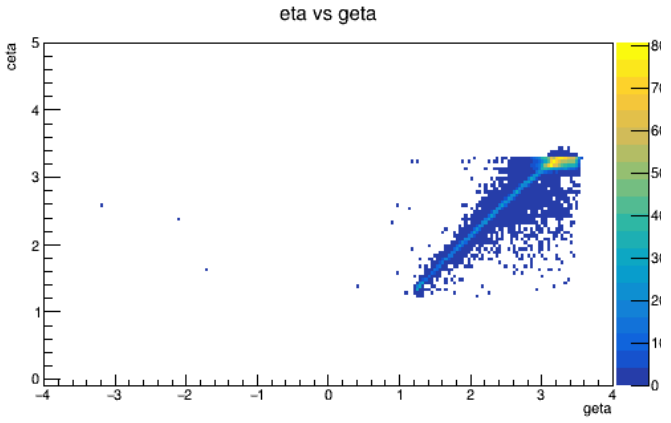

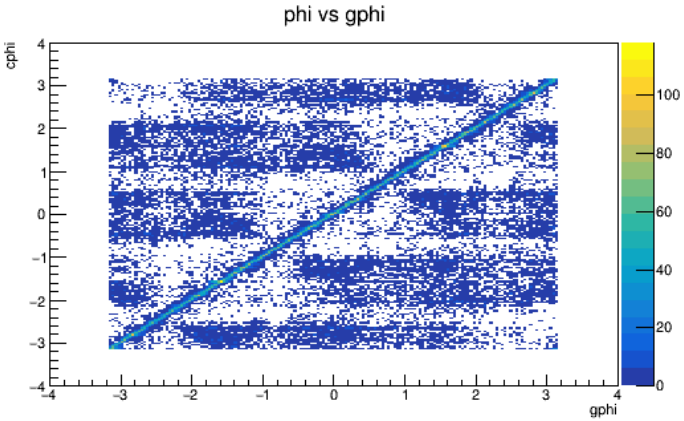

HCALIN Plots

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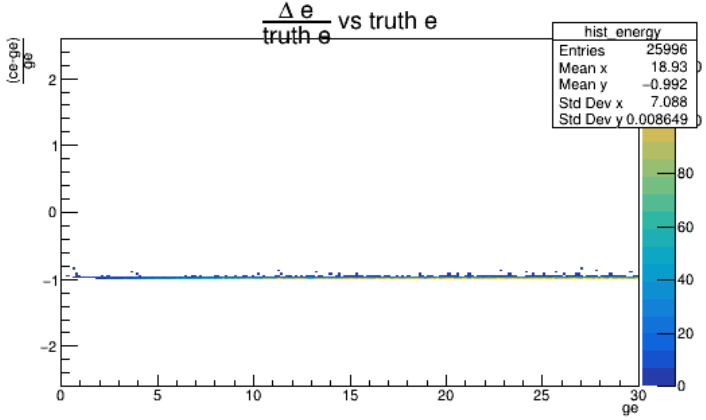

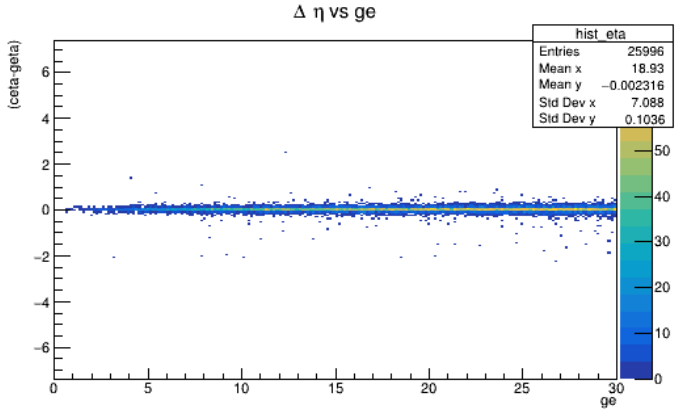

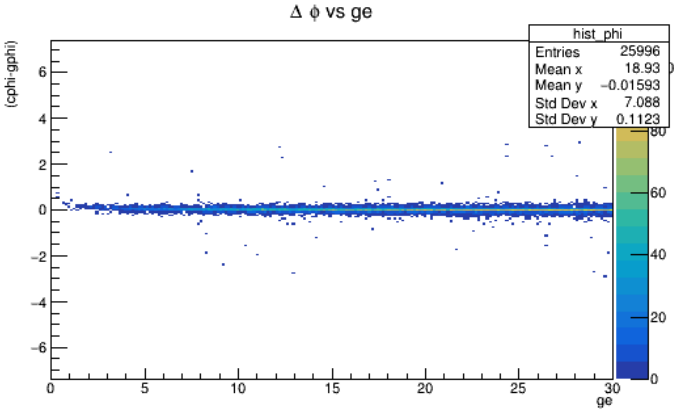

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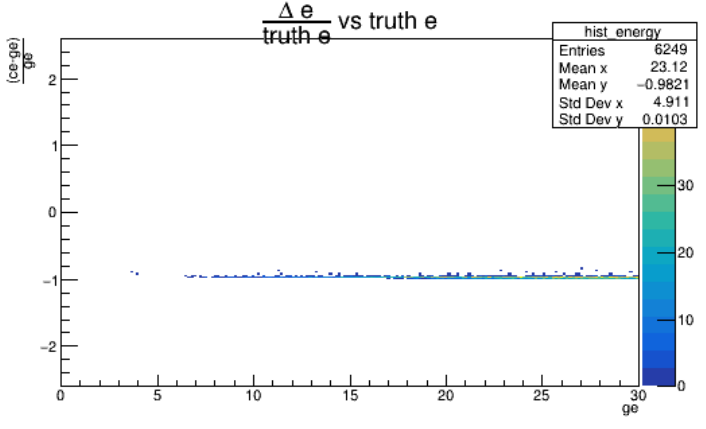

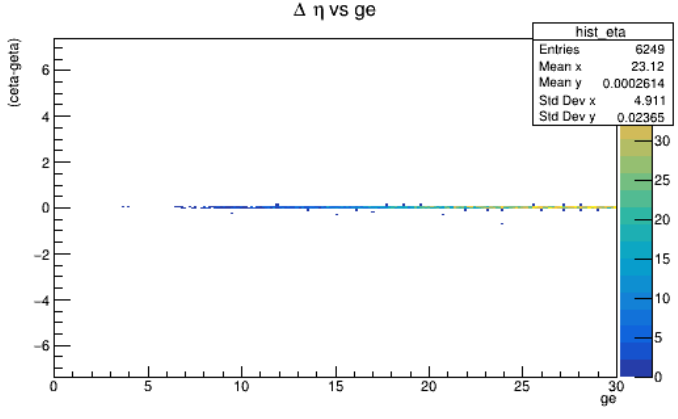

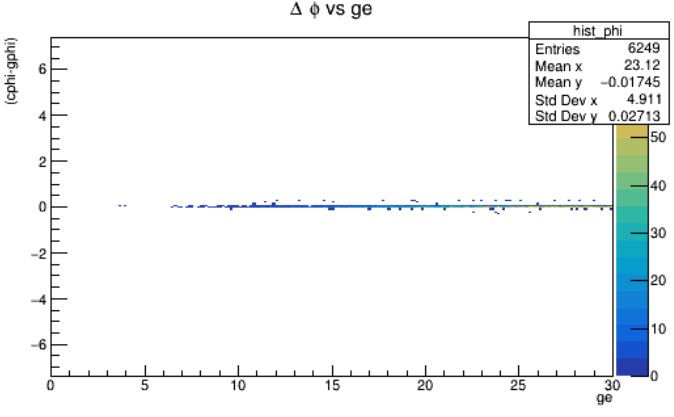

HCALIN Plots

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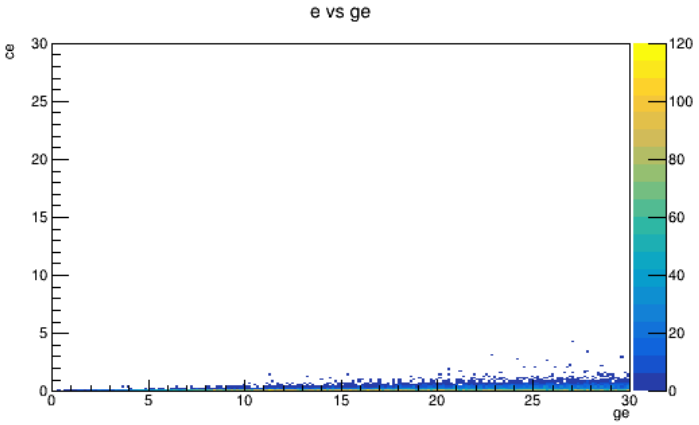

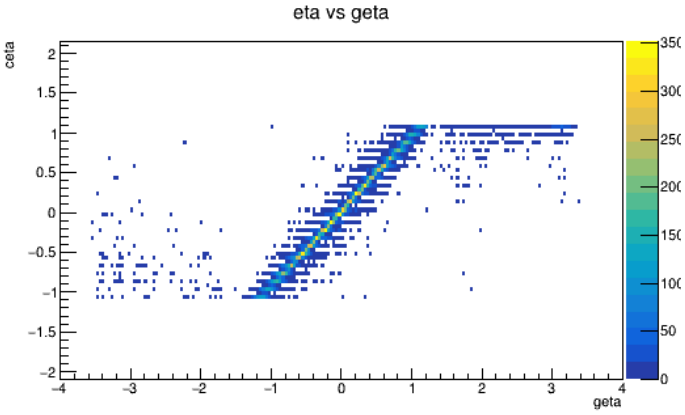

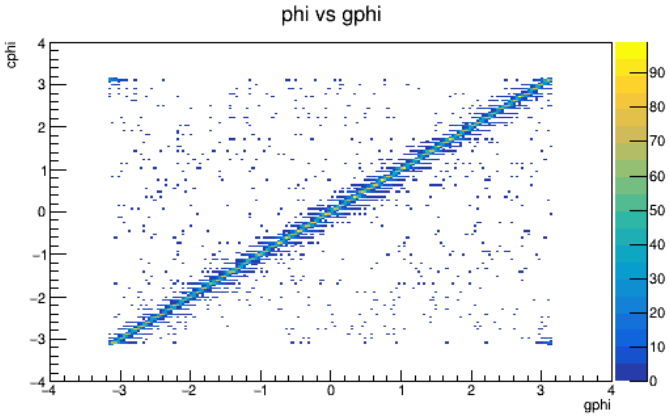

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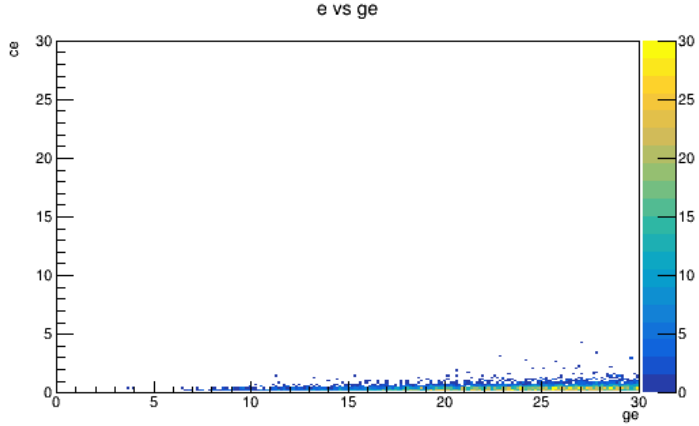

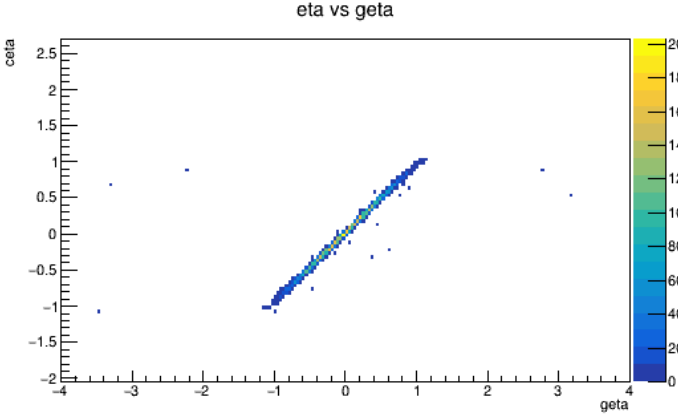

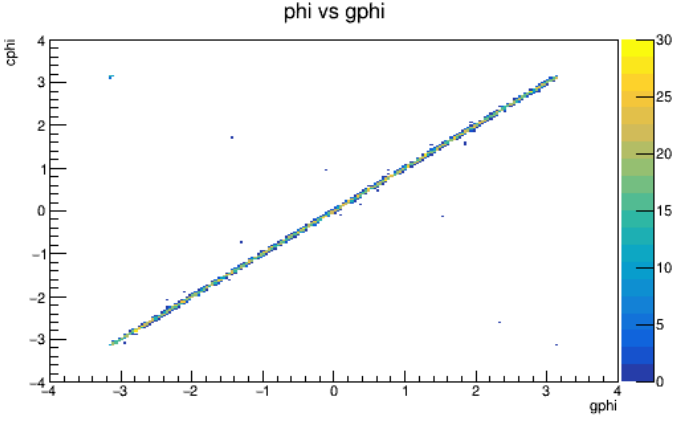

HCALOUT Plots

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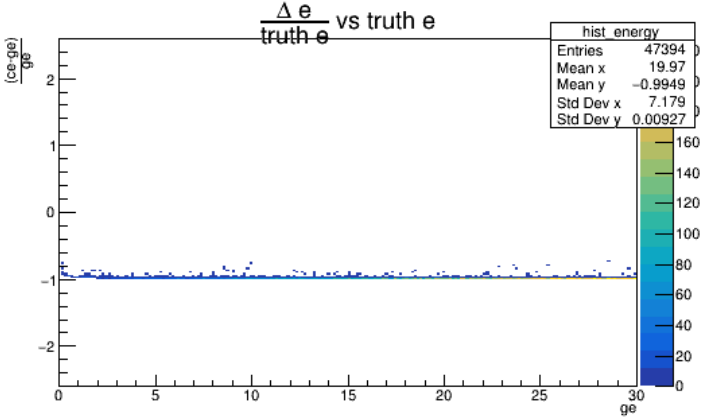

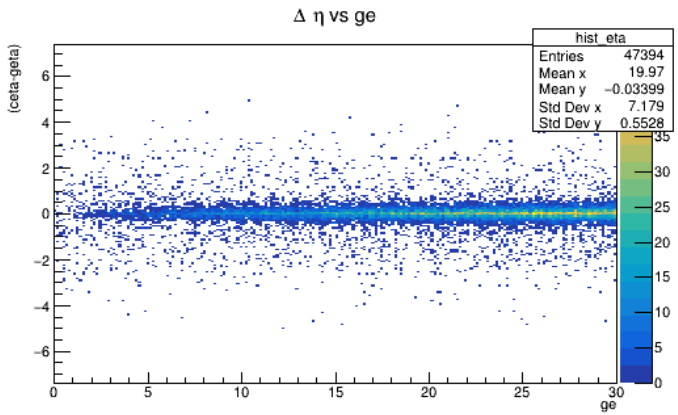

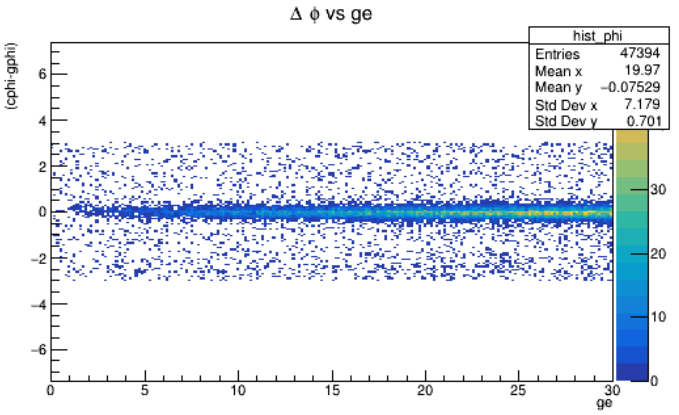

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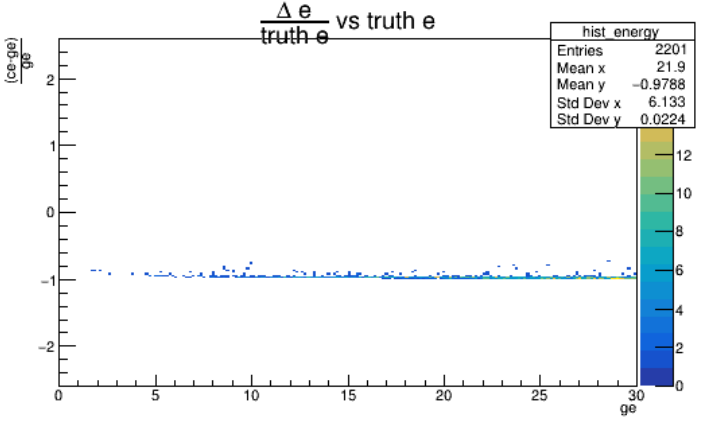

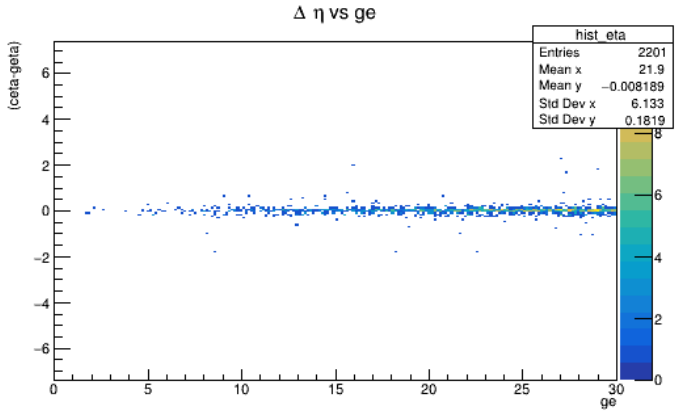

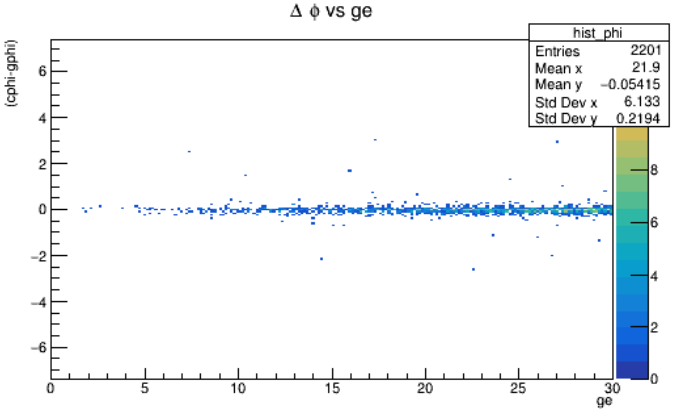

HCALOUT Plots

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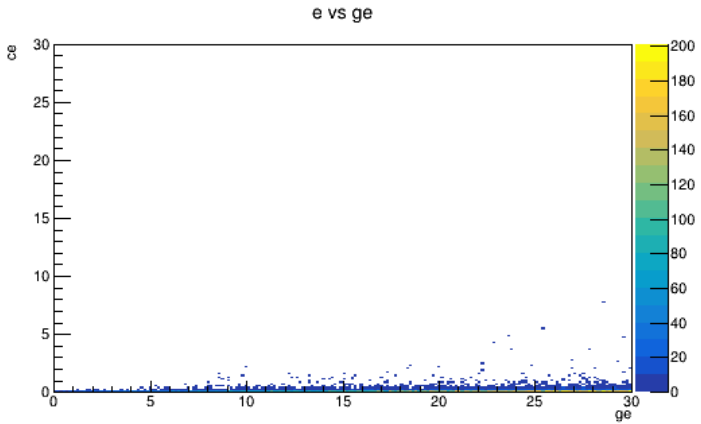

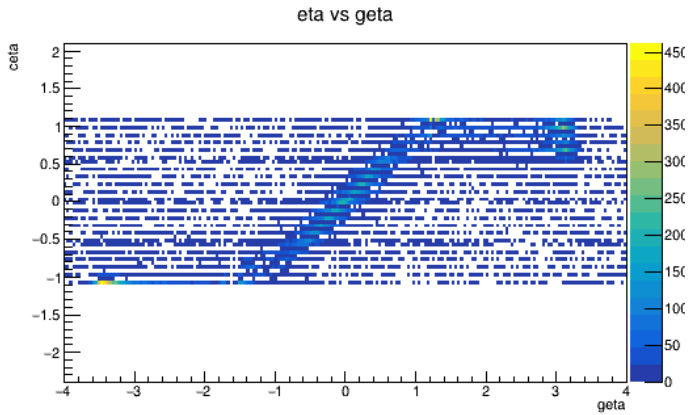

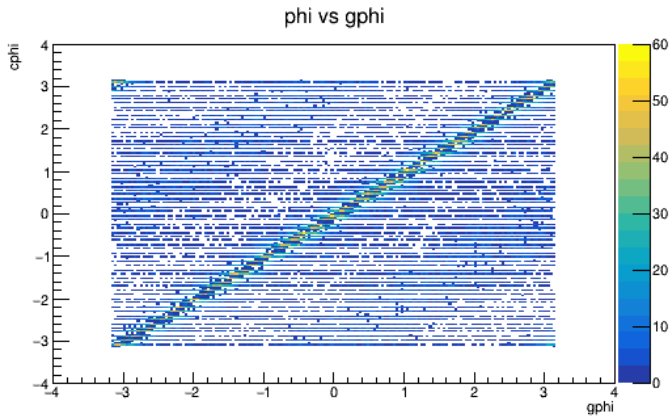

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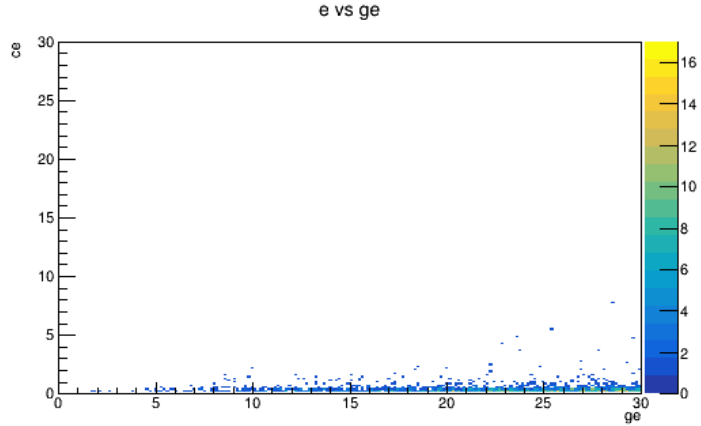

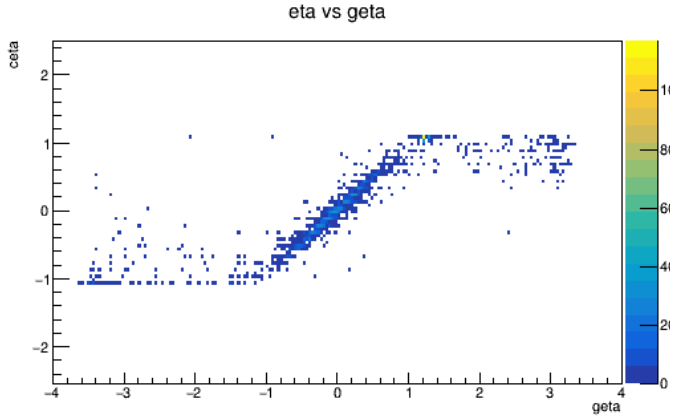

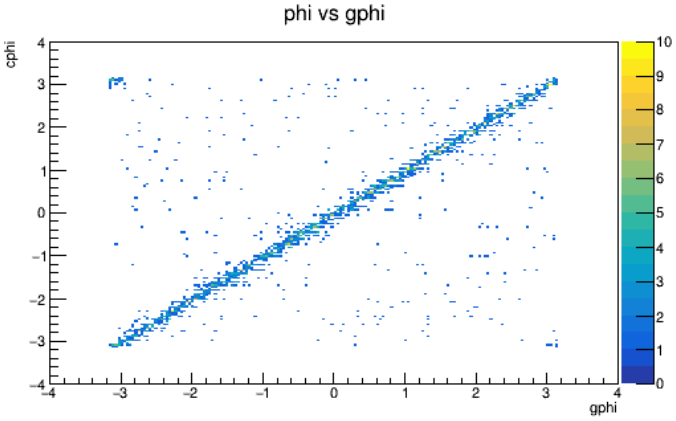

Remarks

- Trees containing calorimeter variables and the code used for making plots are available at:

  /gpfs02/eic/simrankaur/new/fun4all_eic_qa/macros/Electron/plots/cemc/CEMC_tree.root

- Macro: LoopEval.C

Change calorimeter name