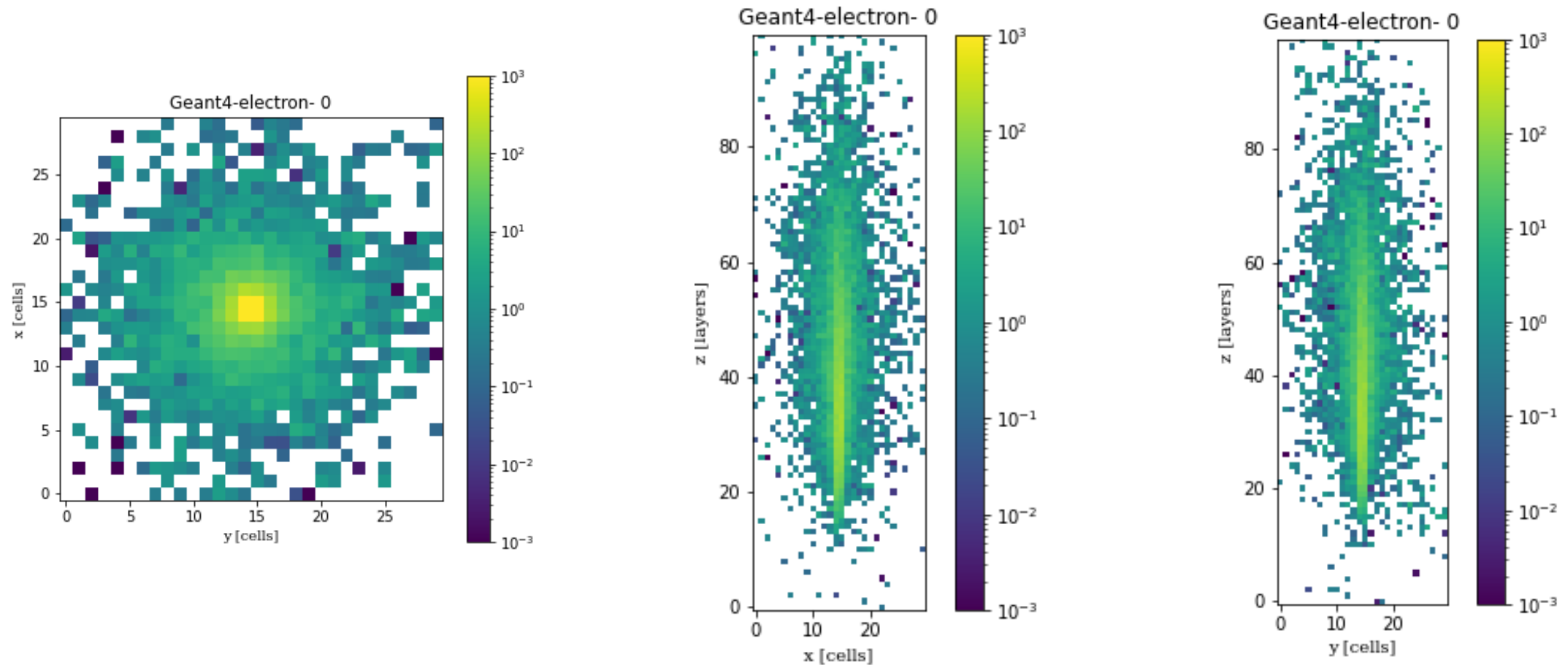


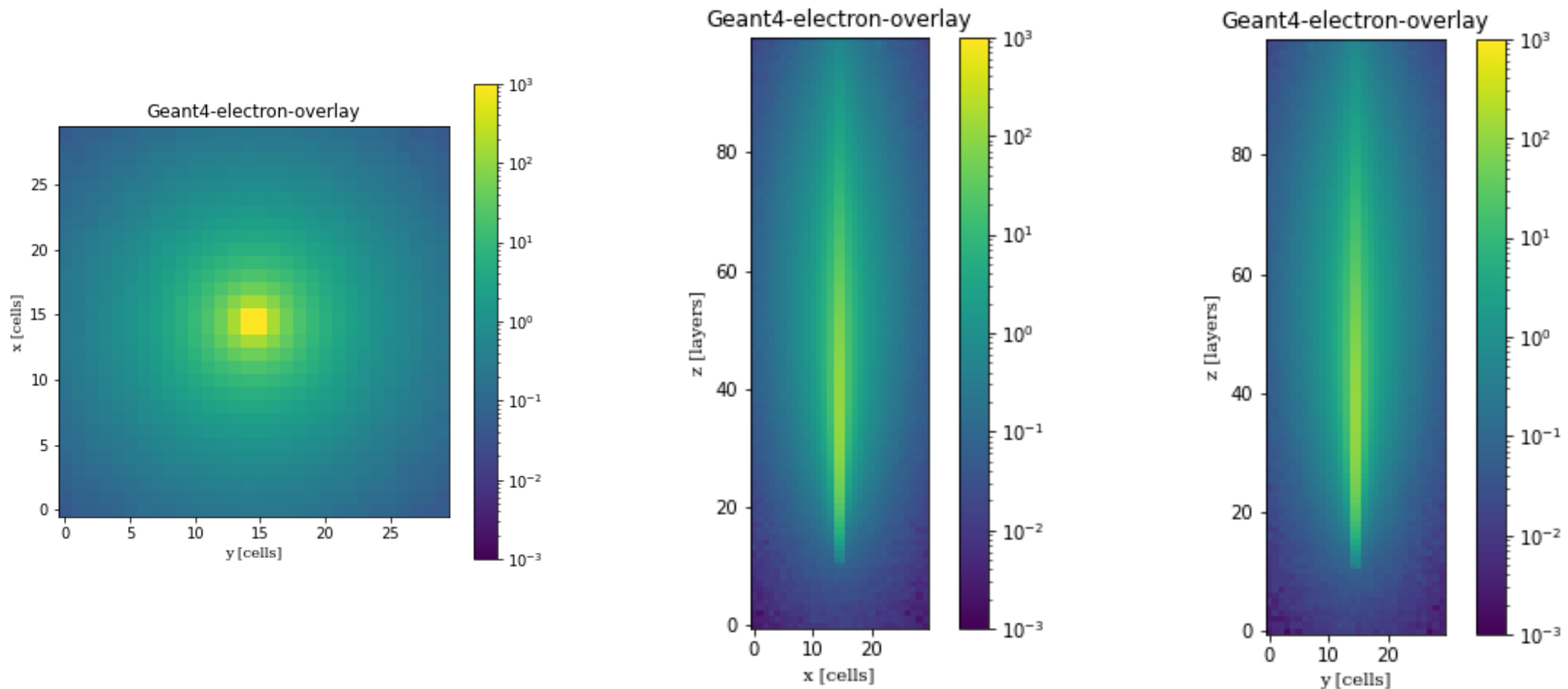
SimpleCalo

COMPARISON
GEANT4 AND GFLASH

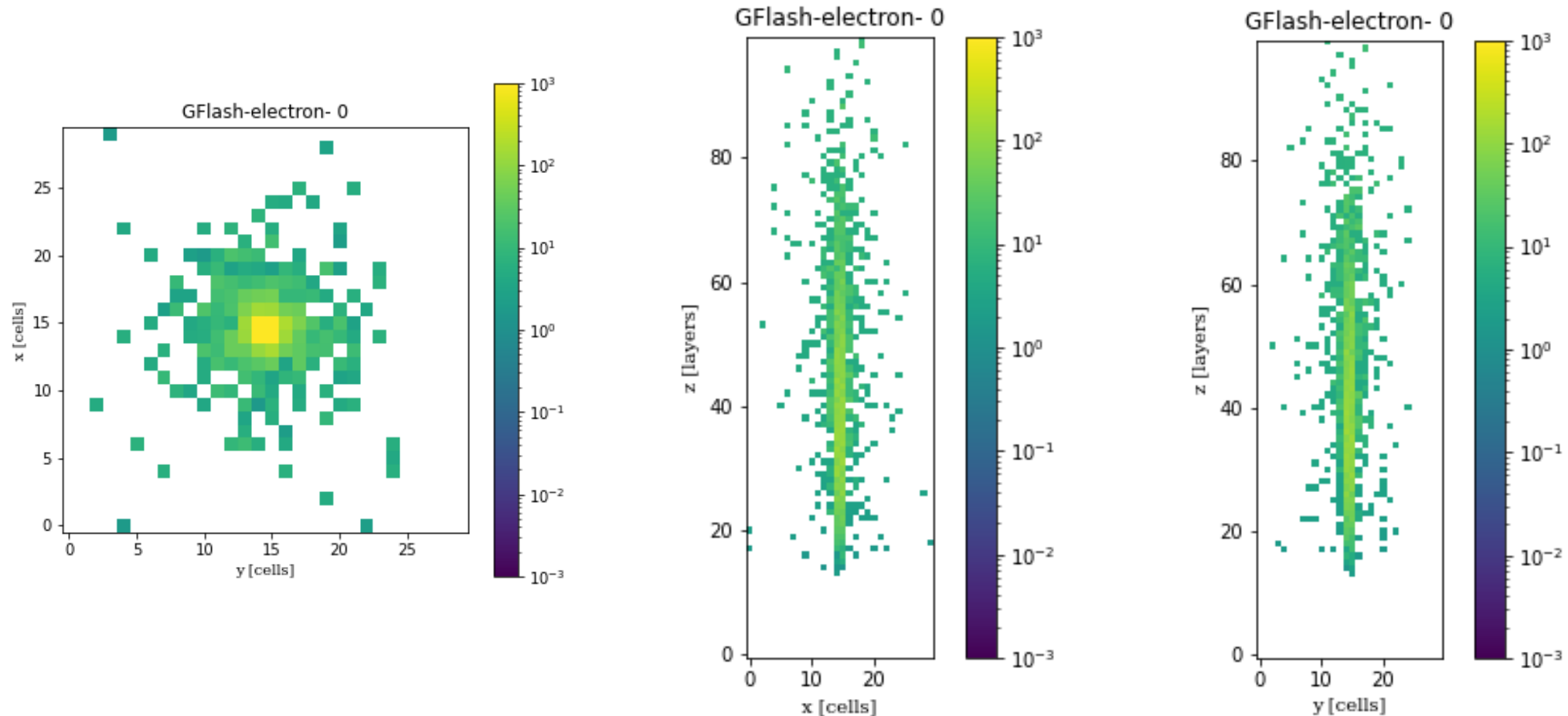
Geant4 Shower Plot



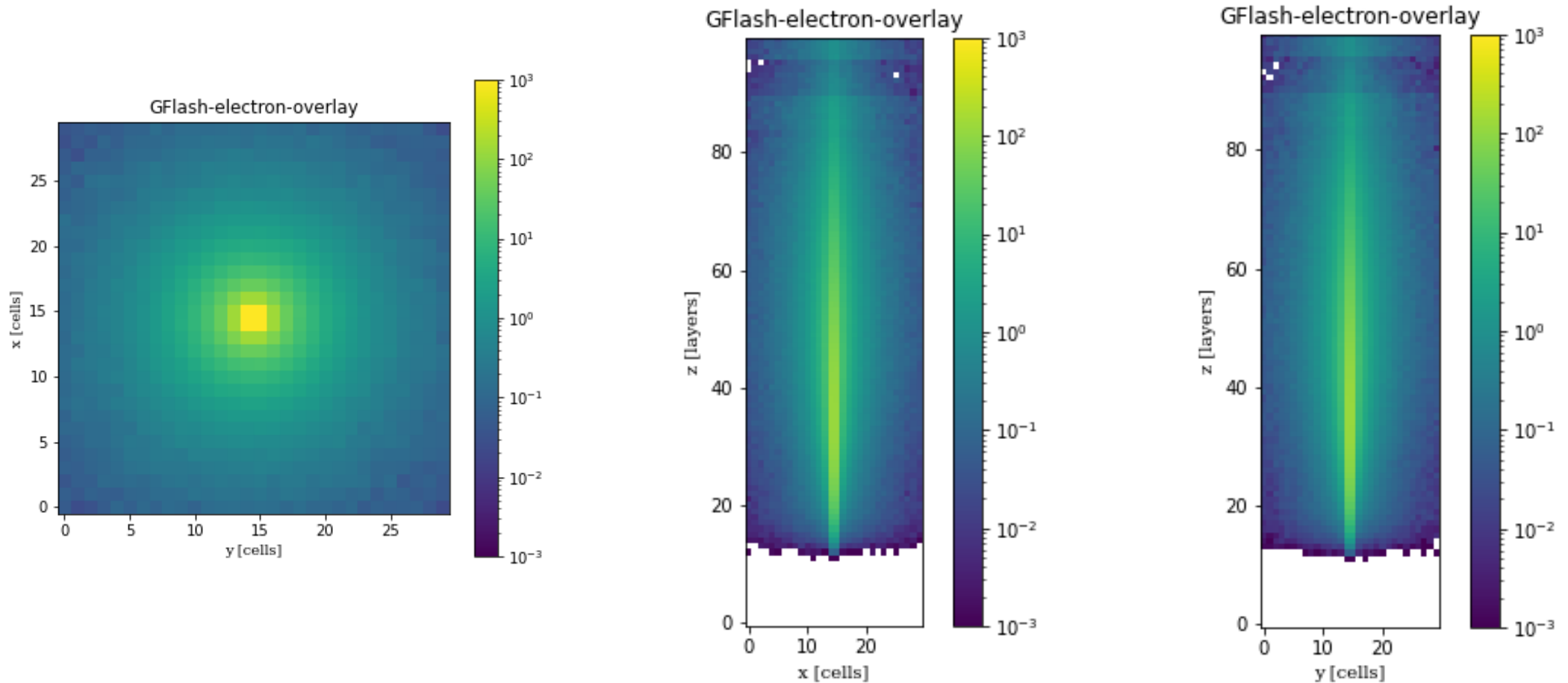
Geant4 Shower Plots - Overlay



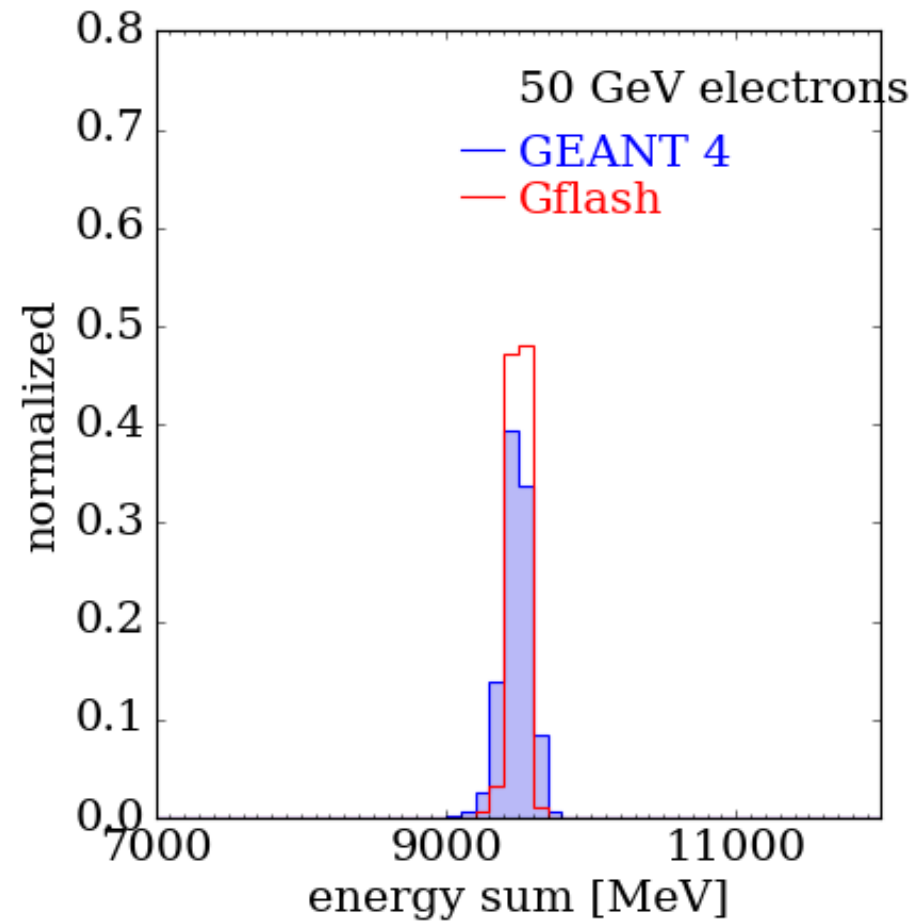
Gflash Shower Plots



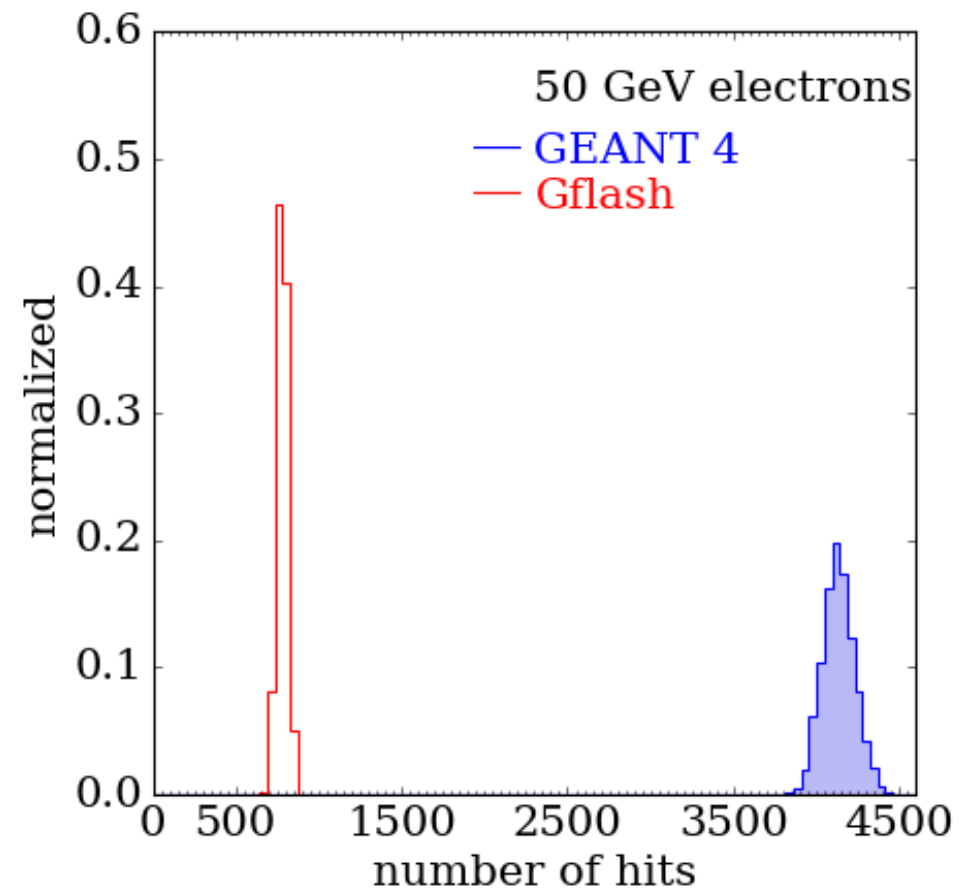
Glash Shower Plots - Overlay



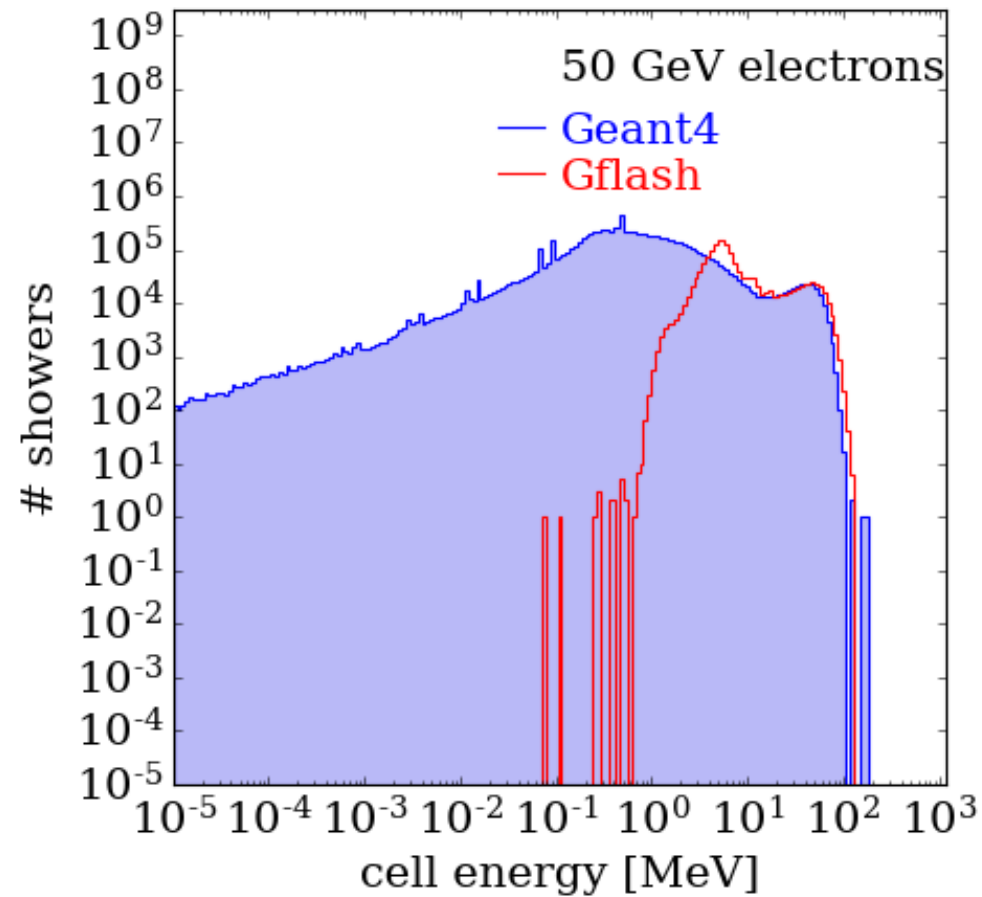
Total Energy



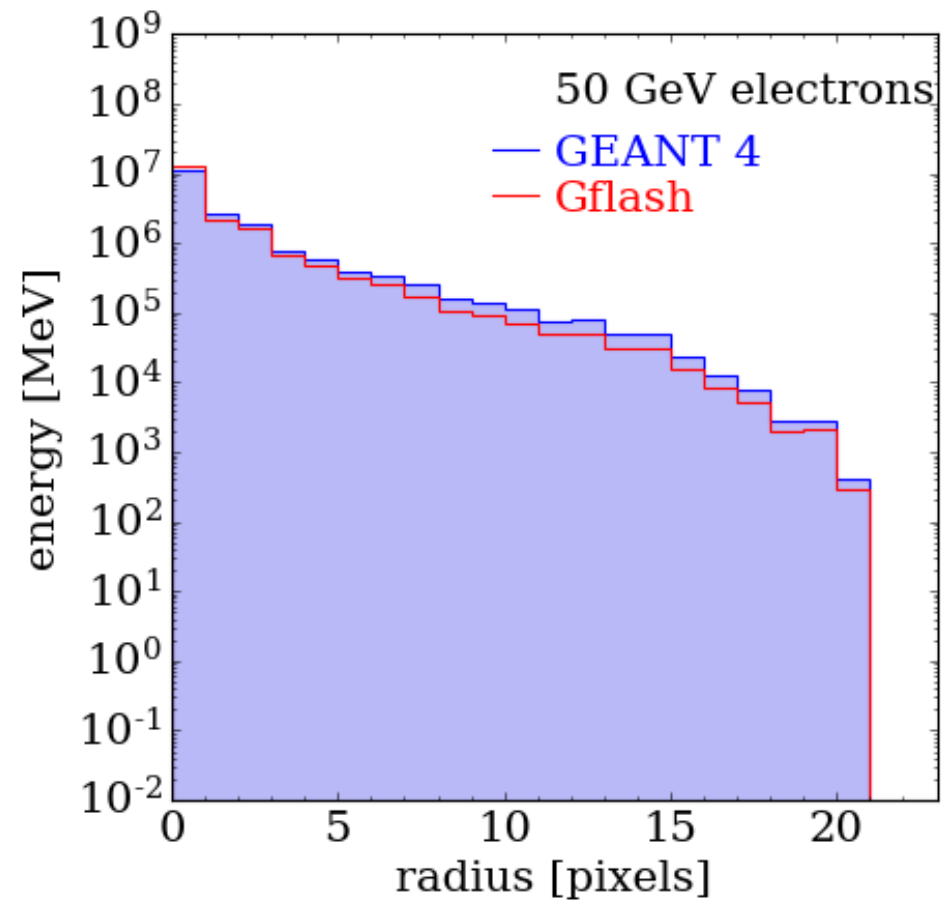
Occupancy



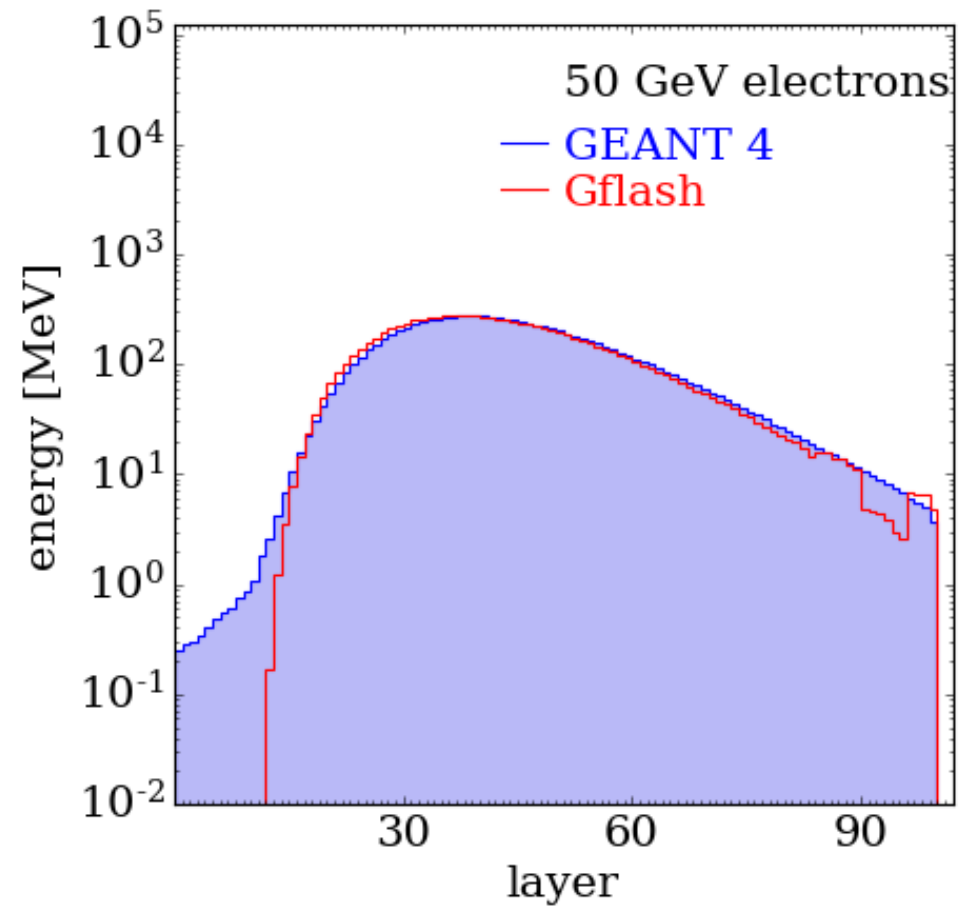
Visible Cell Energy



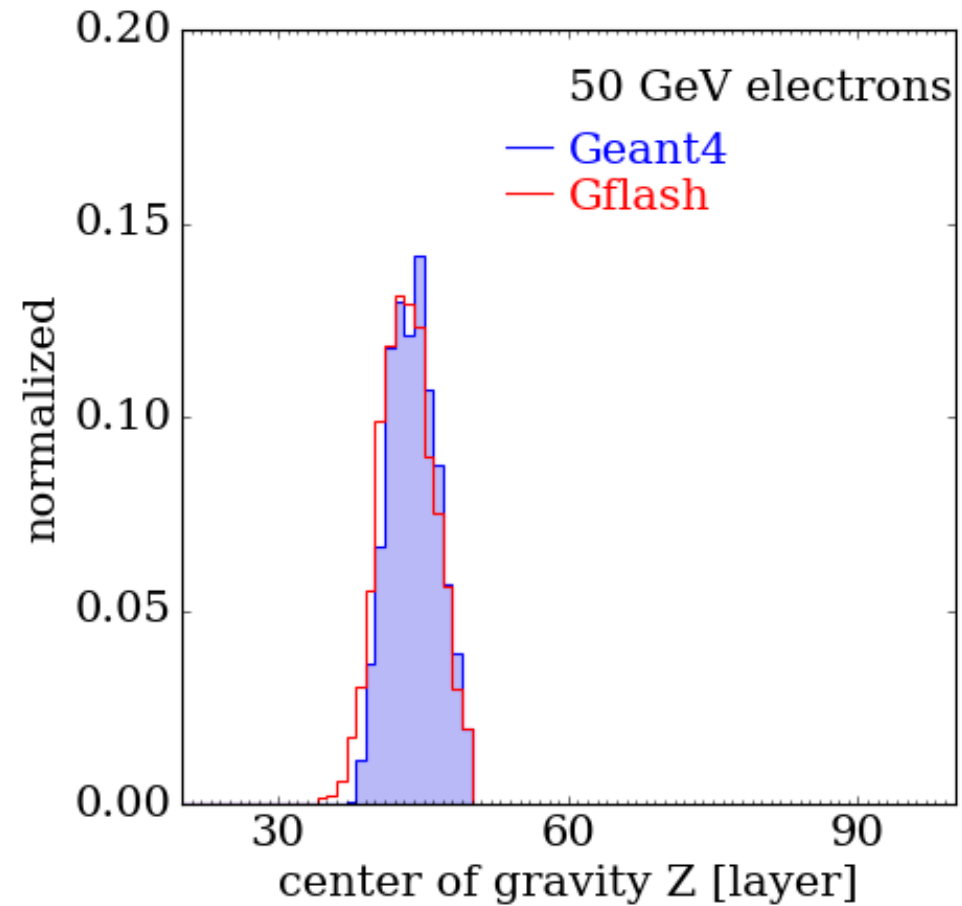
Radial Energy



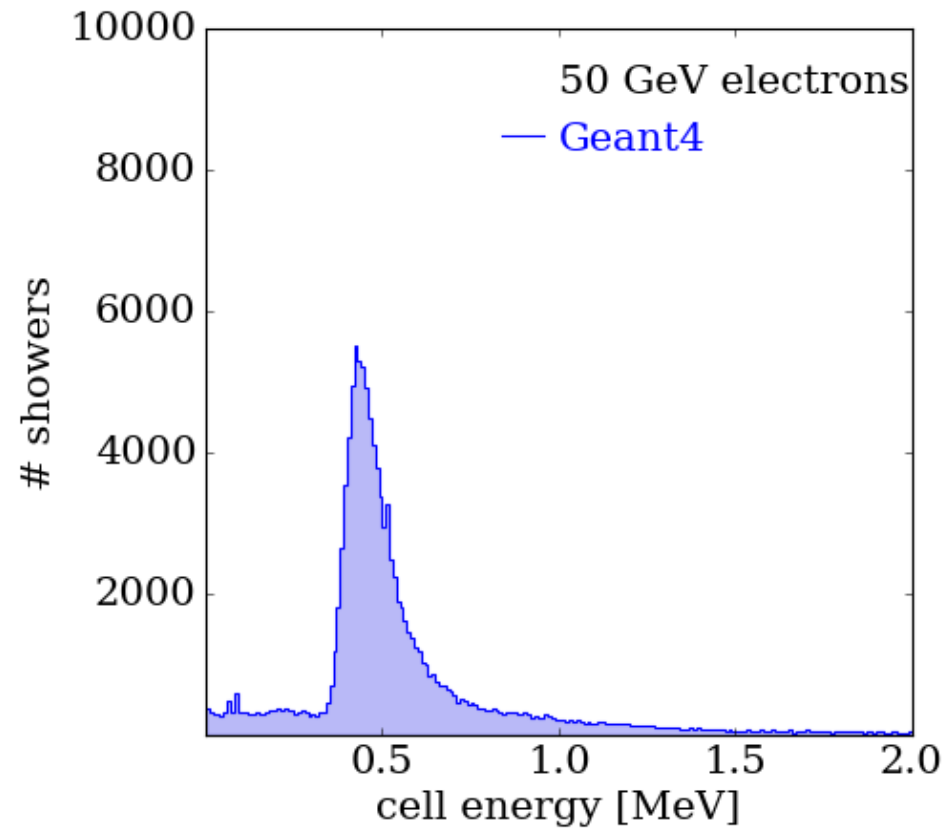
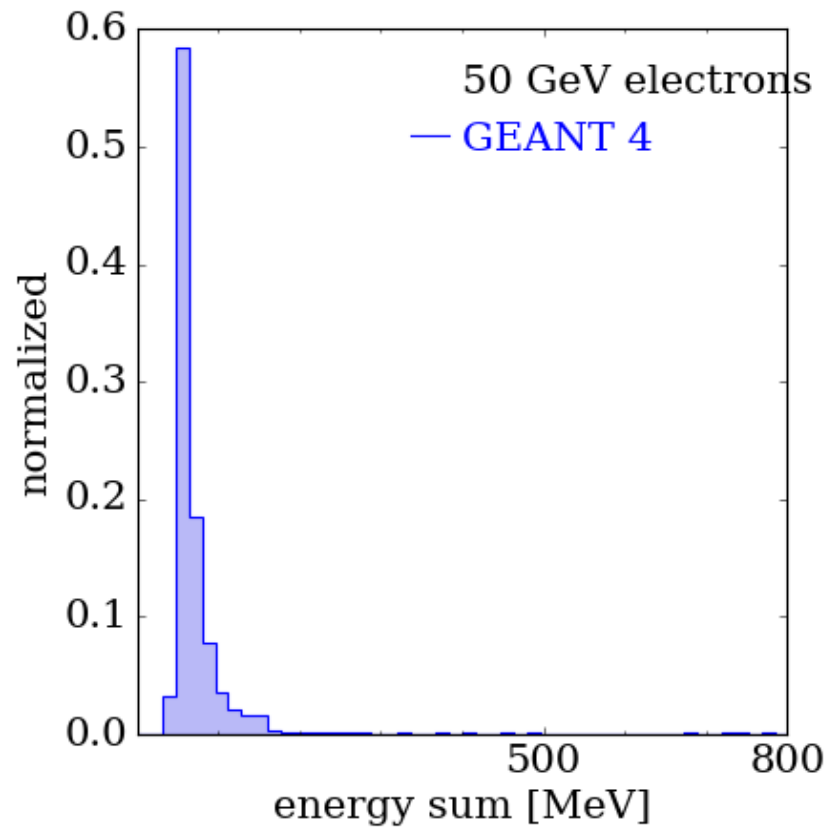
Longitudinal Energy



Center of Gravity



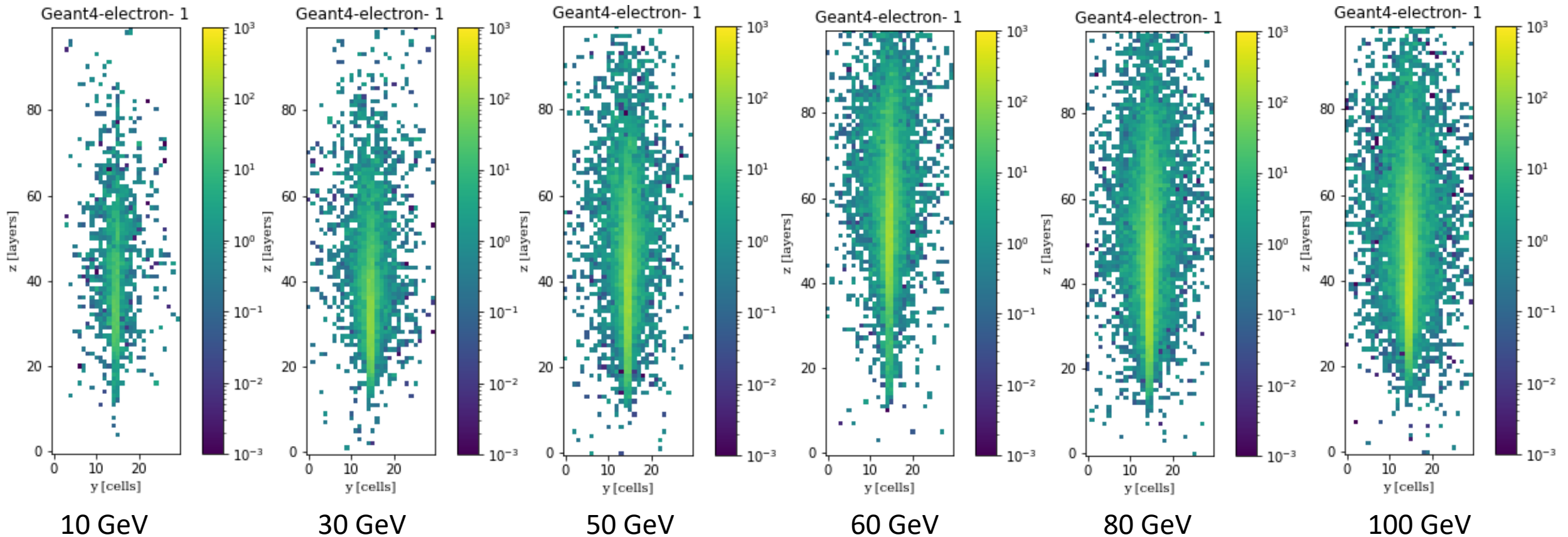
MIP Peak of the detector



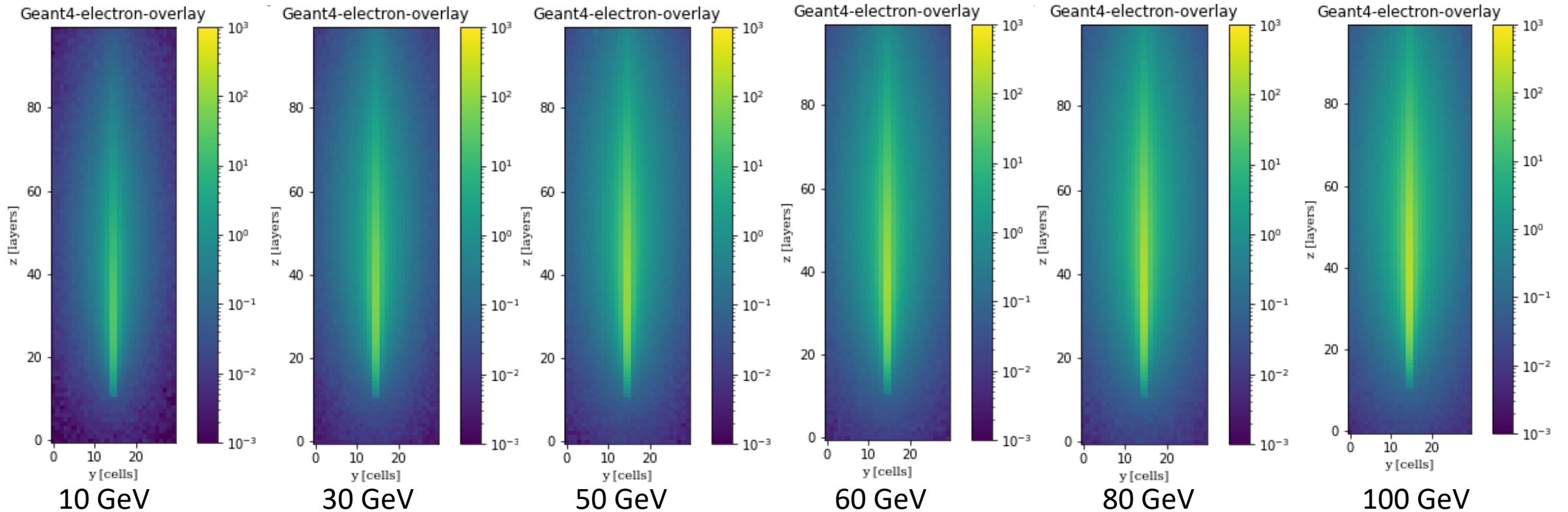
-> MIP Peak at 0.5 MeV

Comparing different Electron Energies

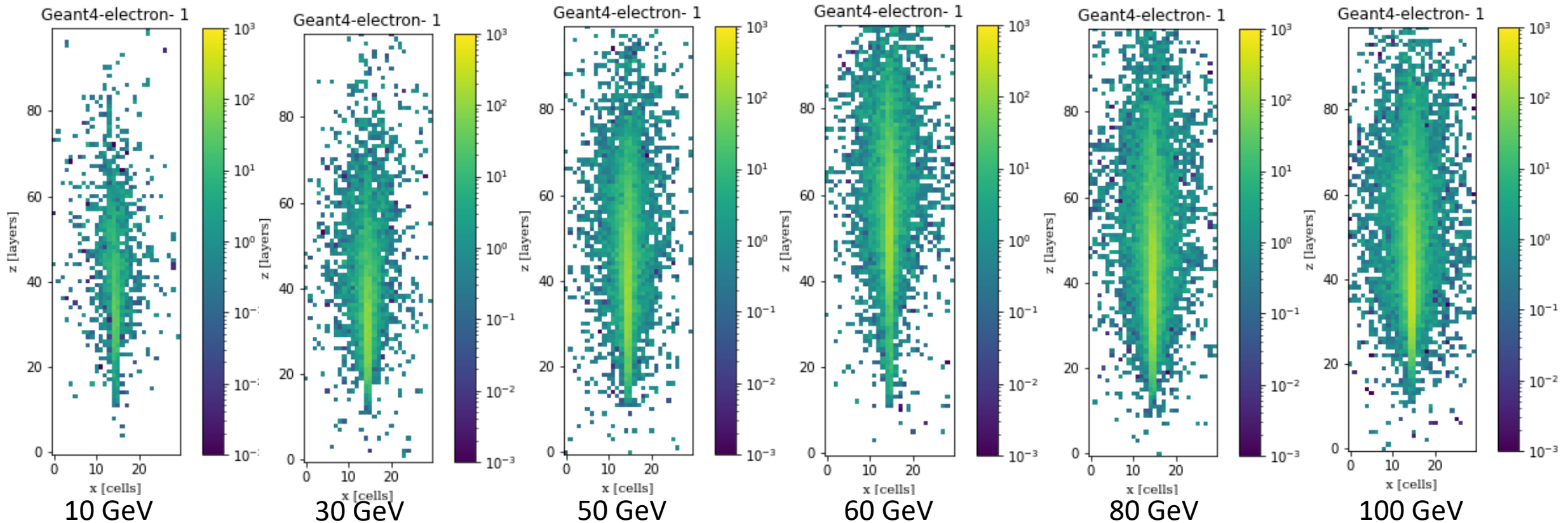
Geant 4 Shower Plots (yz-plane)



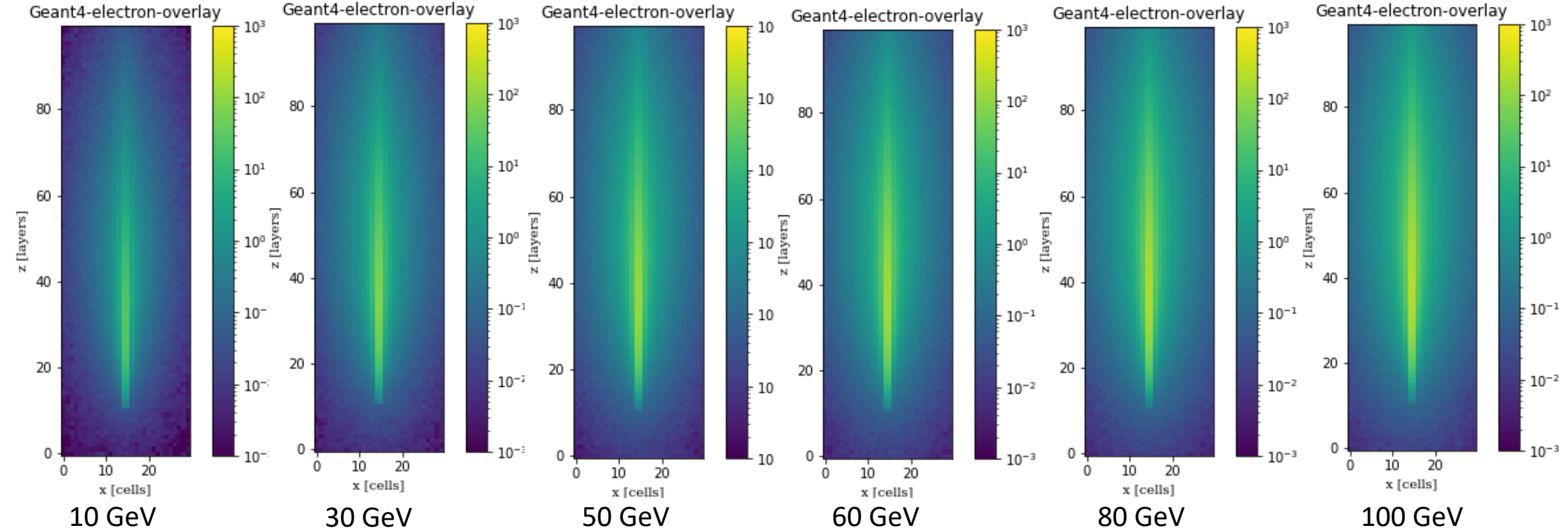
Geant4 Shower Plots – Overlay (yz-plane)



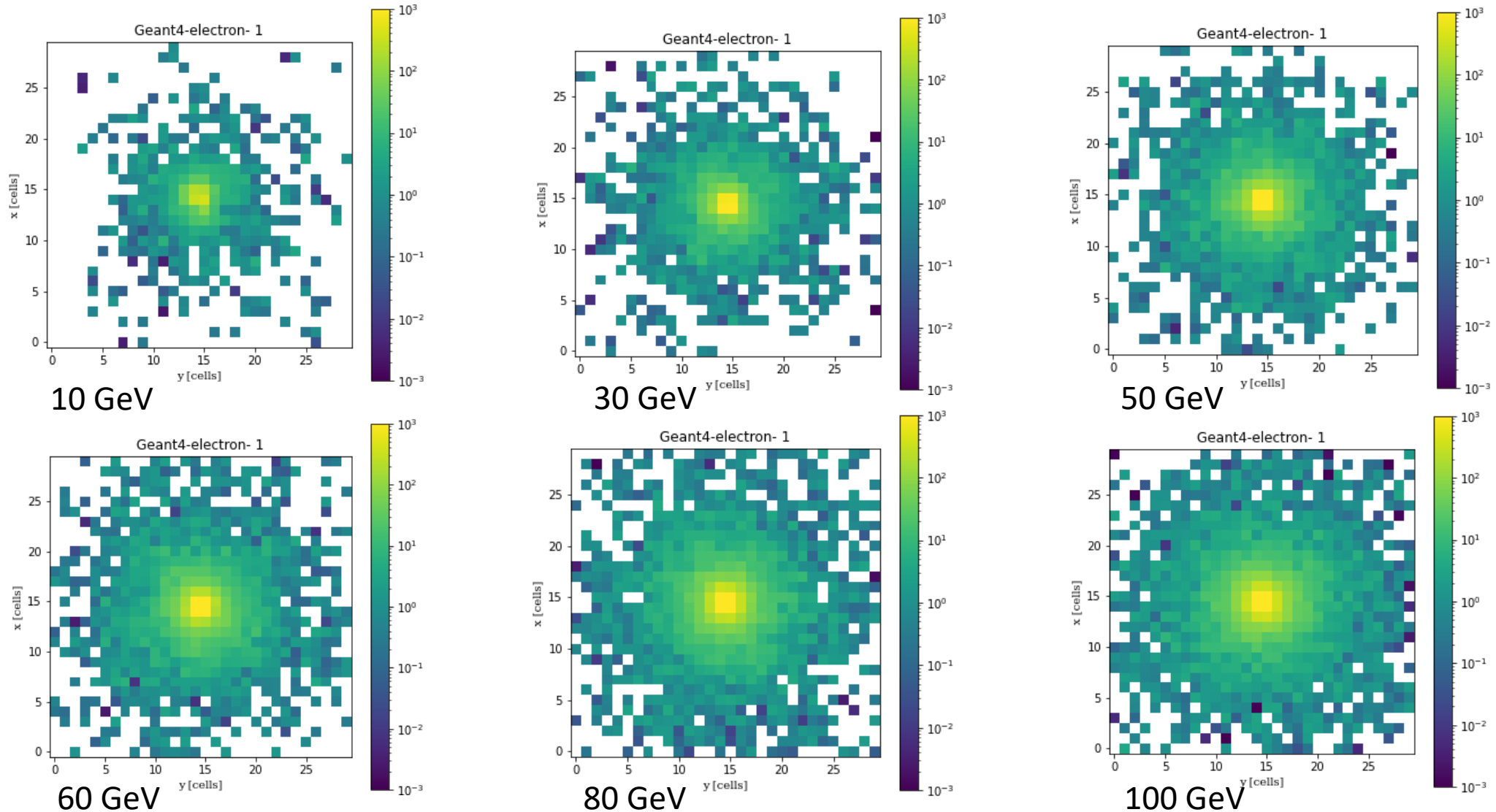
Geant4 Shower Plots (xz-plane)



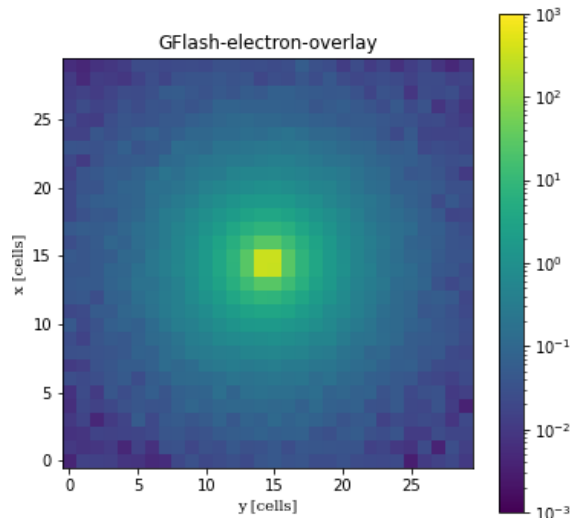
Geant4 Shower Plots – Overlay (xz-plane)



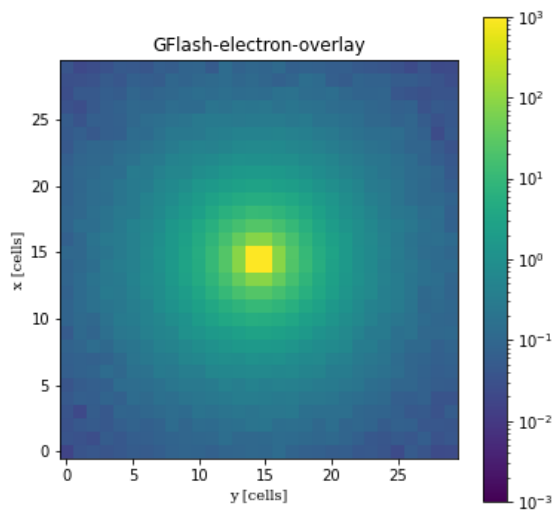
Geant4 Shower Plots (xy-plan)



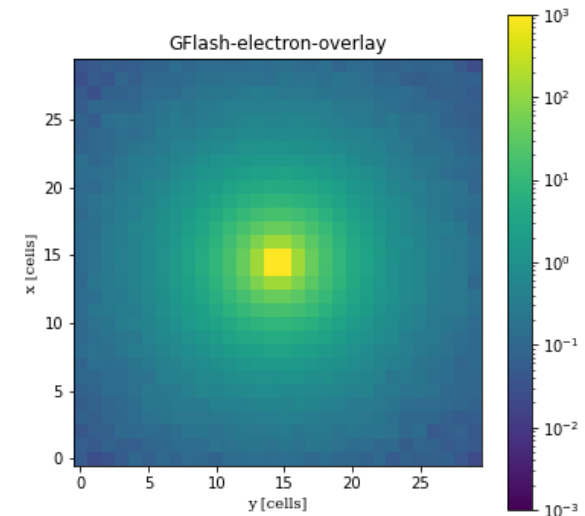
Geant4 Shower Plots – Overlay (xy-plane)



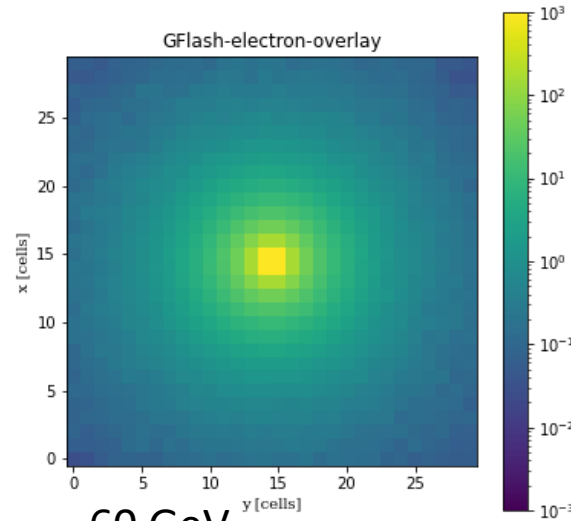
10 GeV



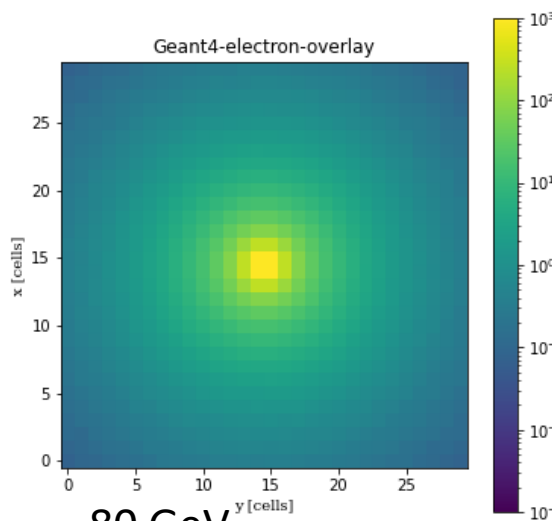
30 GeV



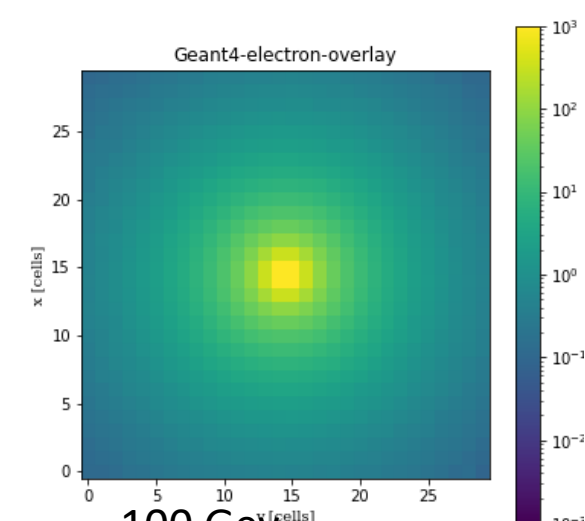
50 GeV



60 GeV

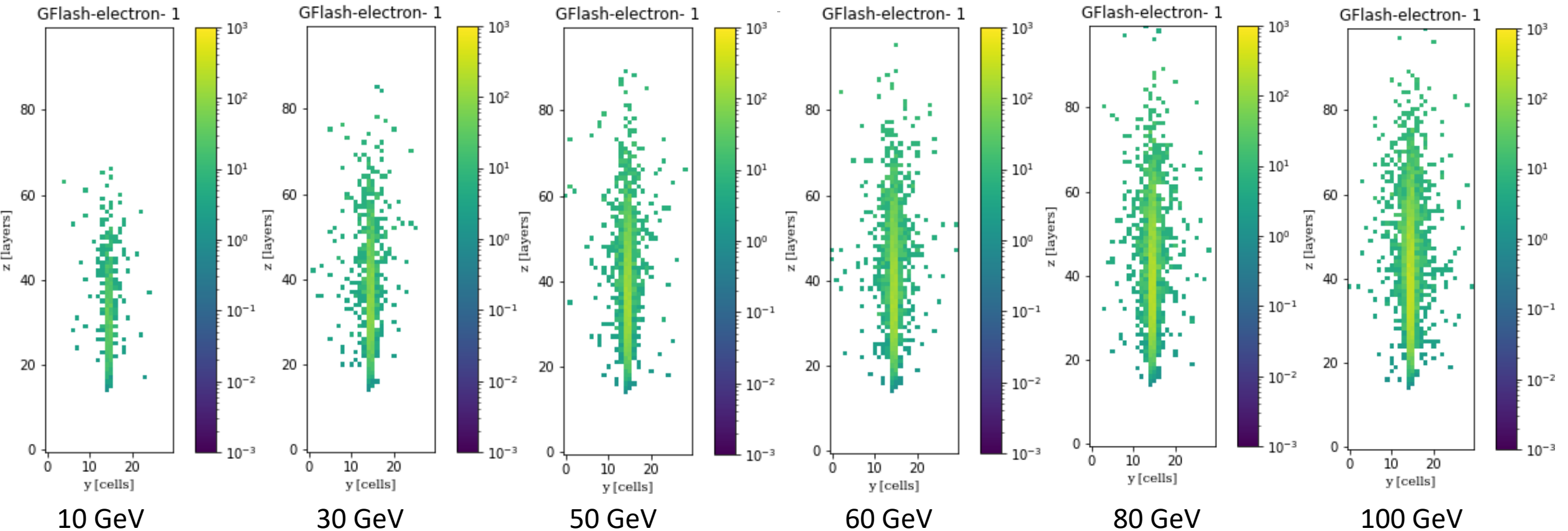


80 GeV

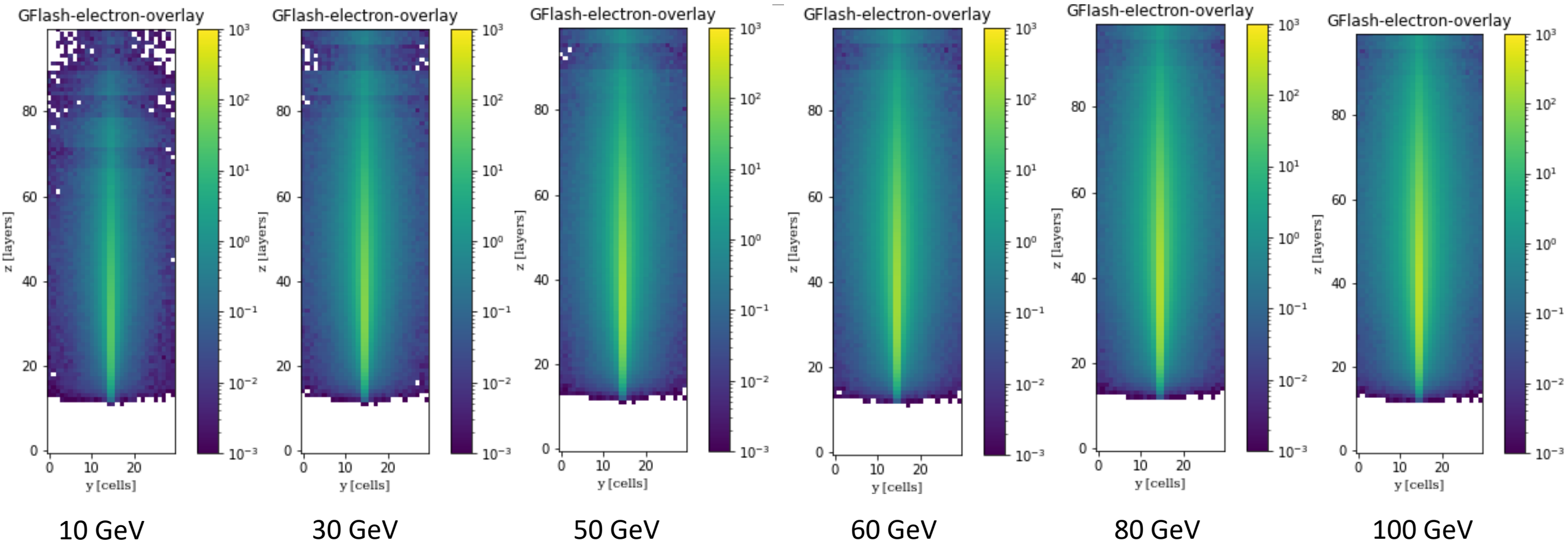


100 GeV

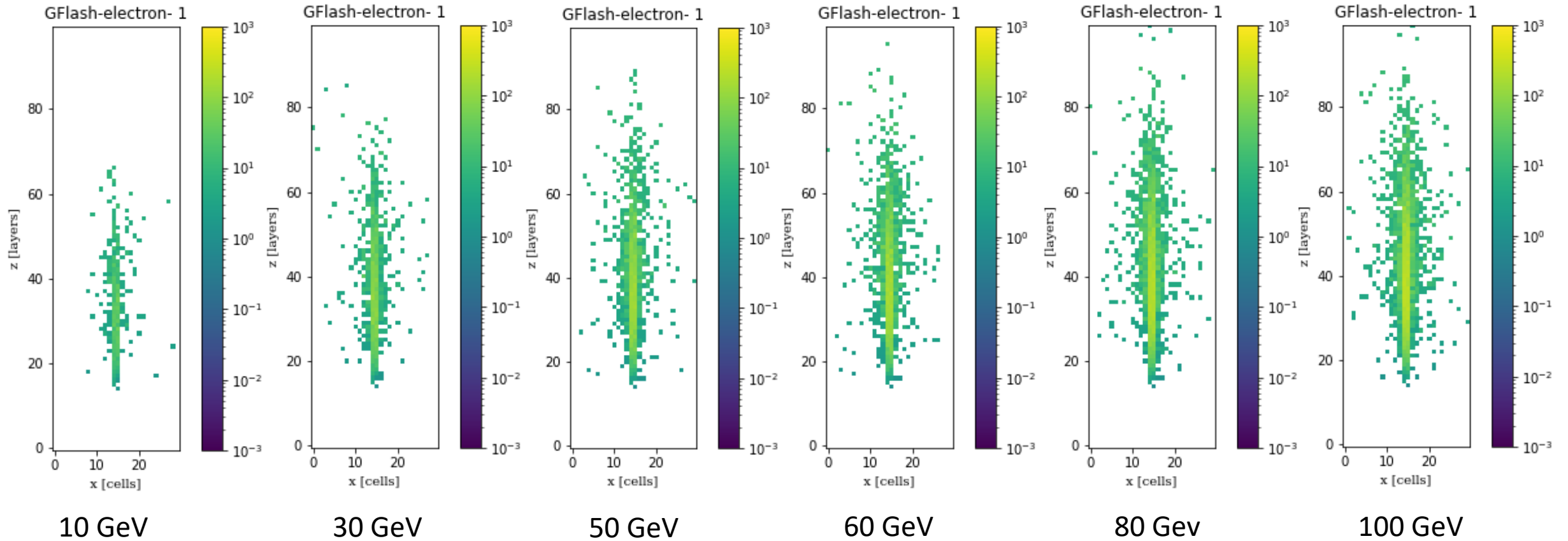
Gflash Shower Plots (yz-plane)



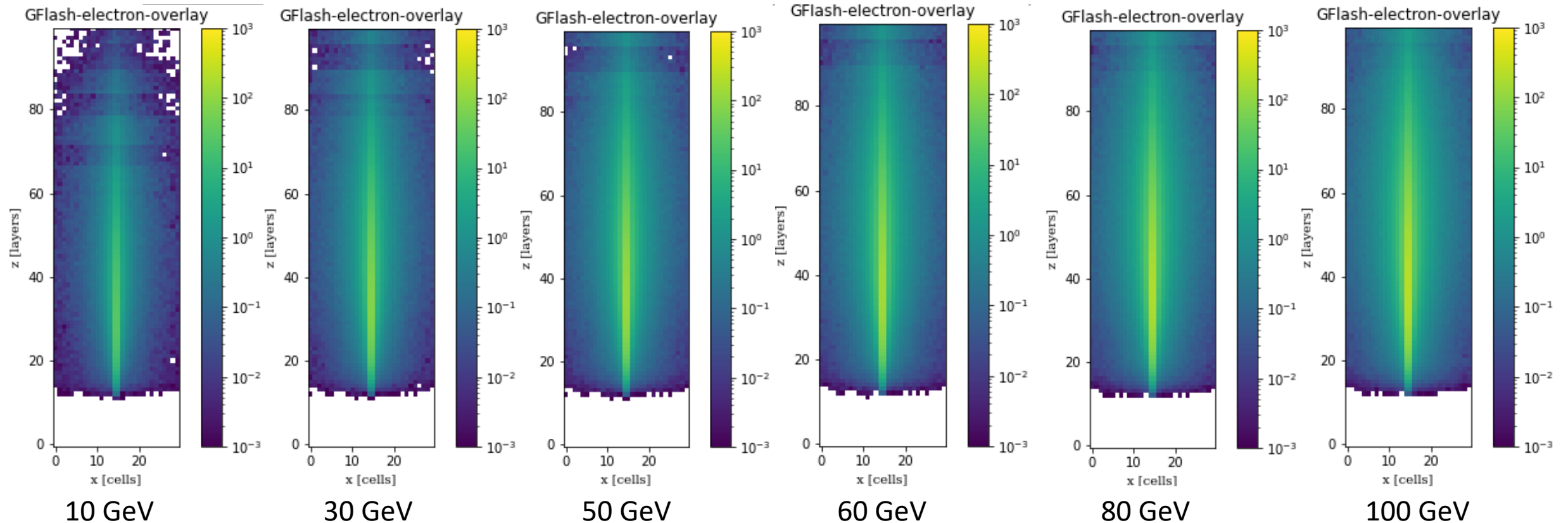
Gflash Shower Plots – Overlay (yz-plane)



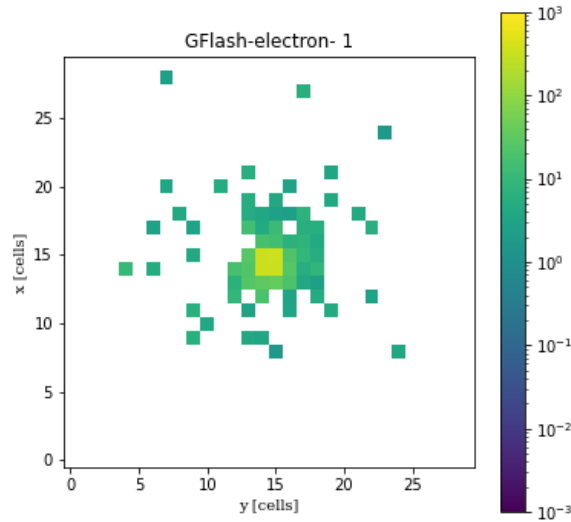
Gflash Shower Plots (xz-plane)



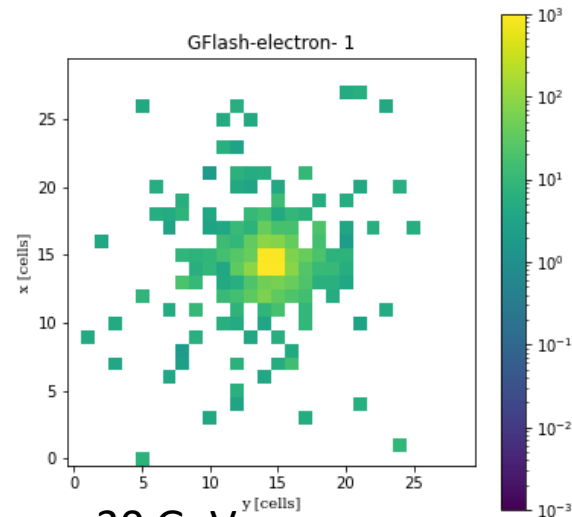
Gflash Shower Plots – Overlay (xz-plane)



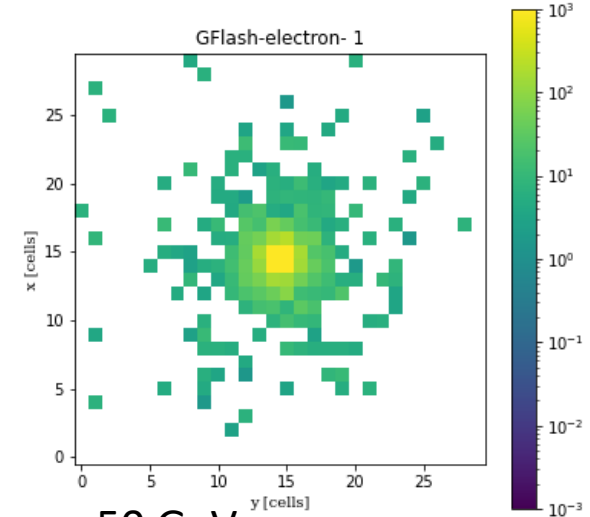
Gflash Shower Plots (xy-plane)



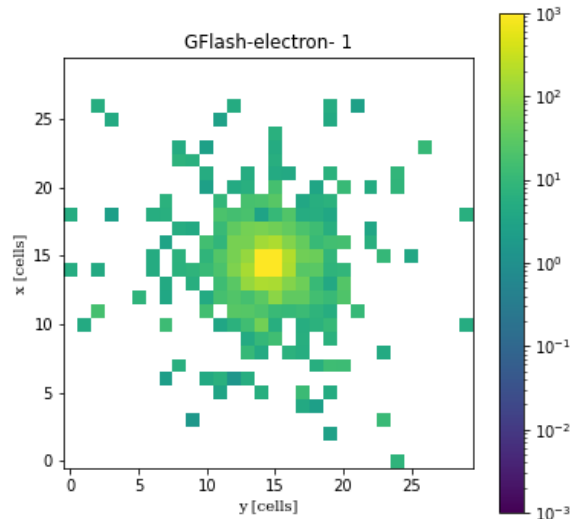
10 GeV



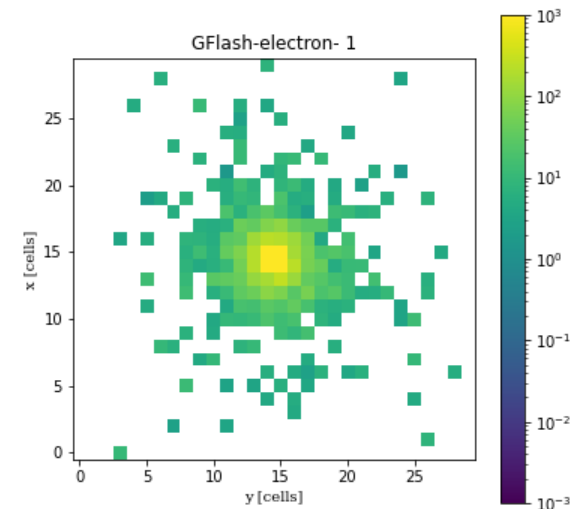
30 GeV



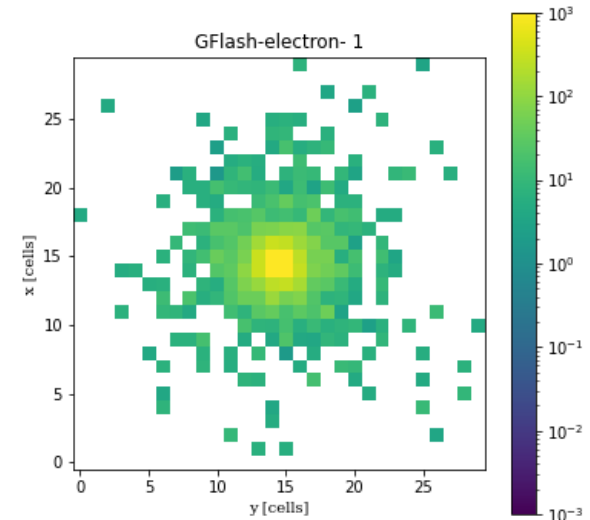
50 GeV



60 GeV

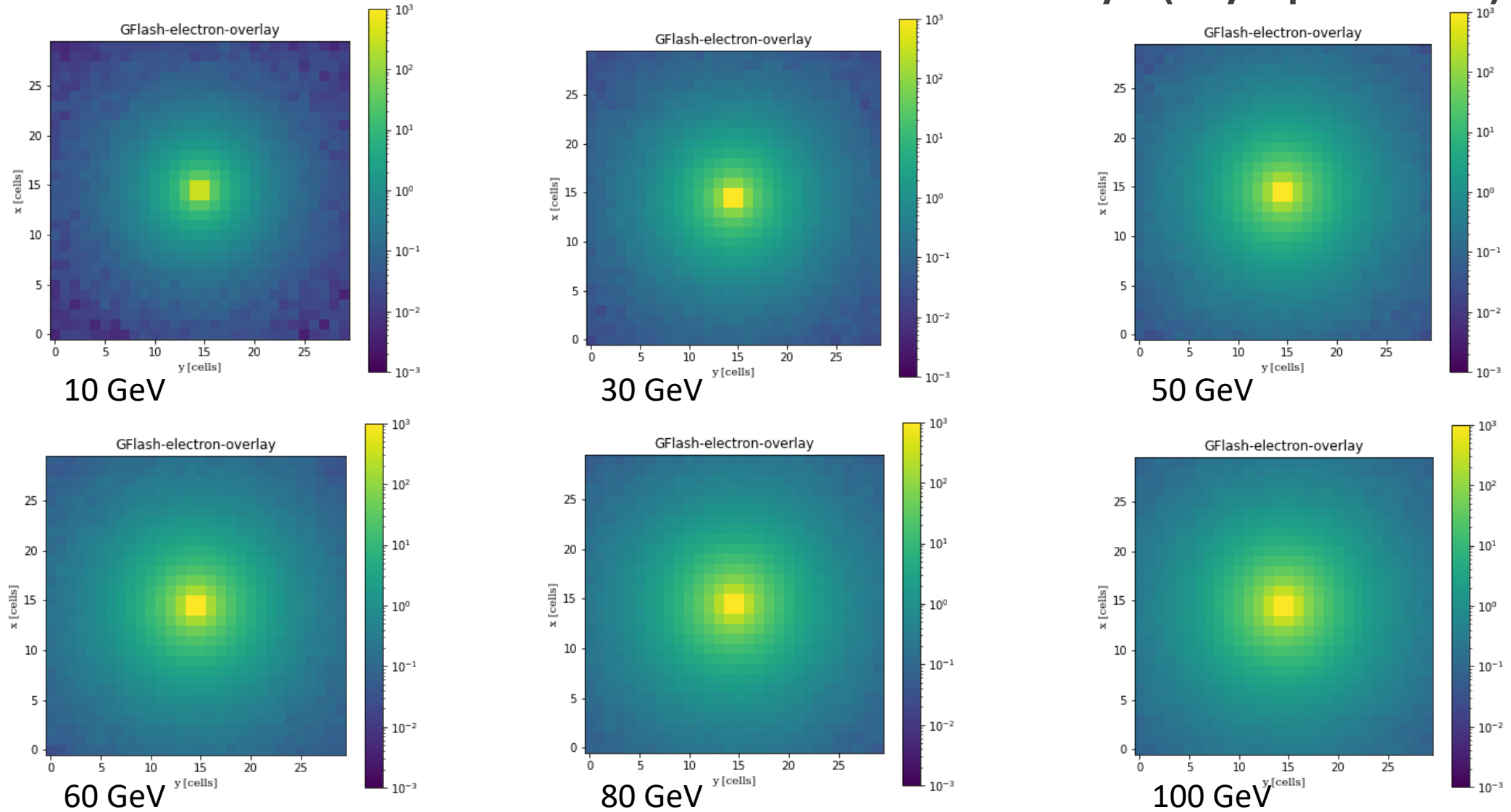


80 GeV

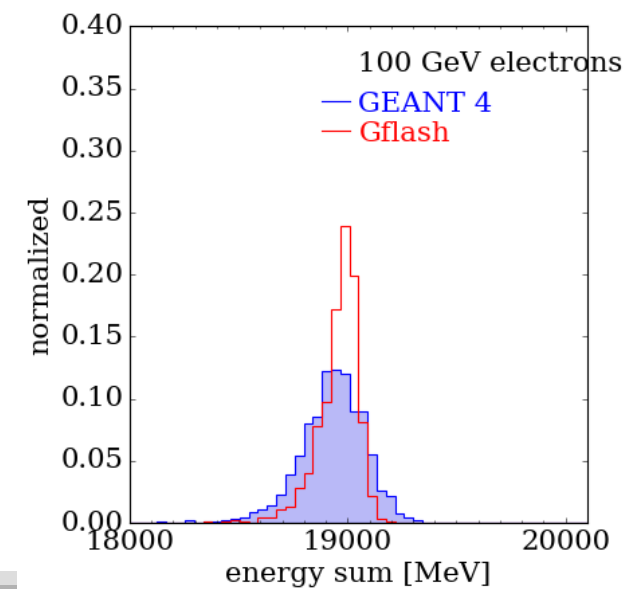
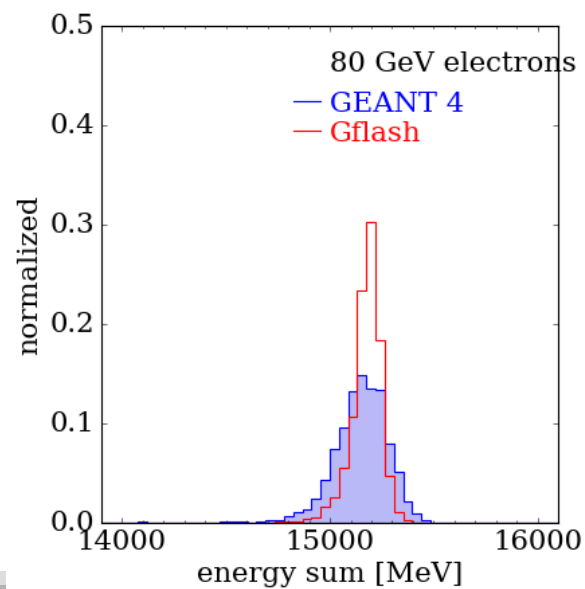
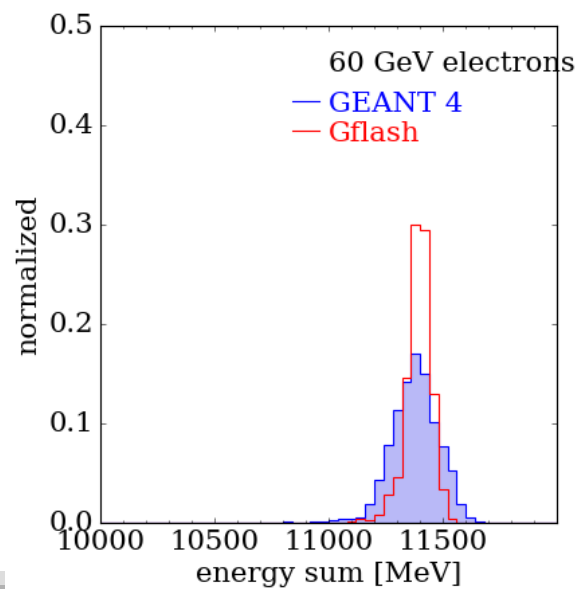
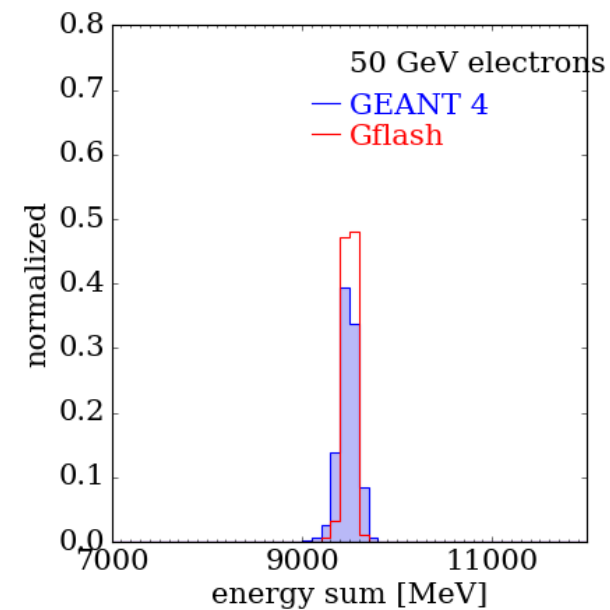
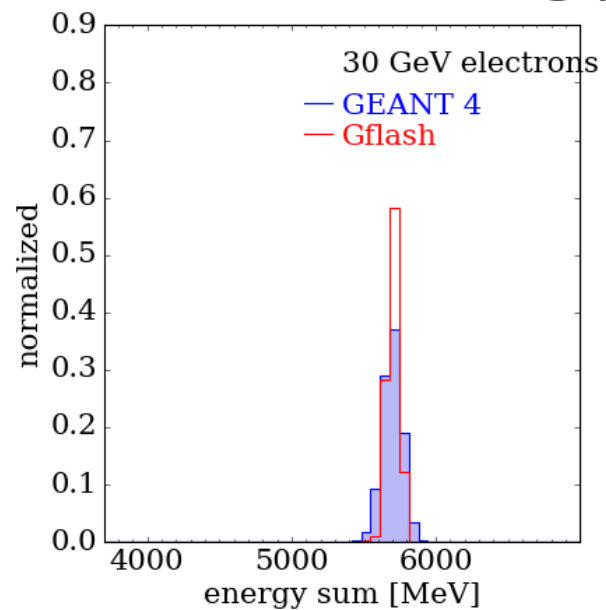
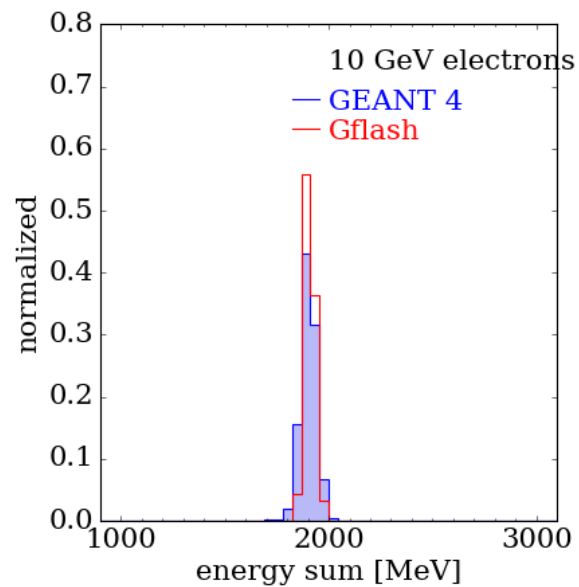


100 GeV

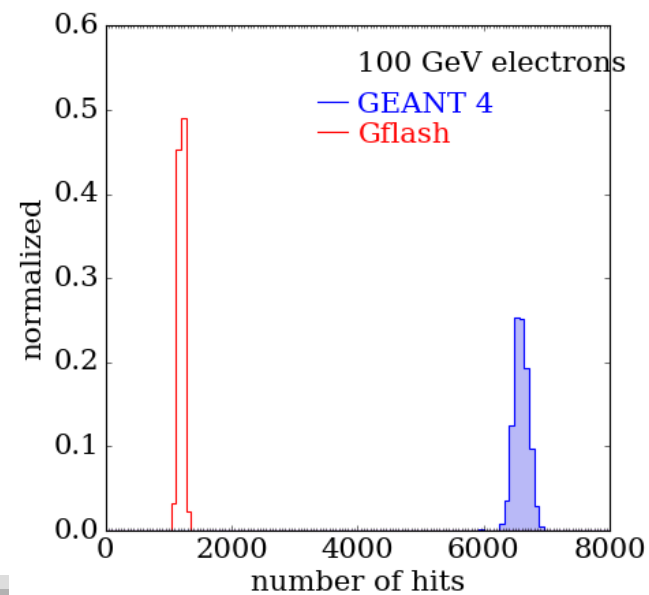
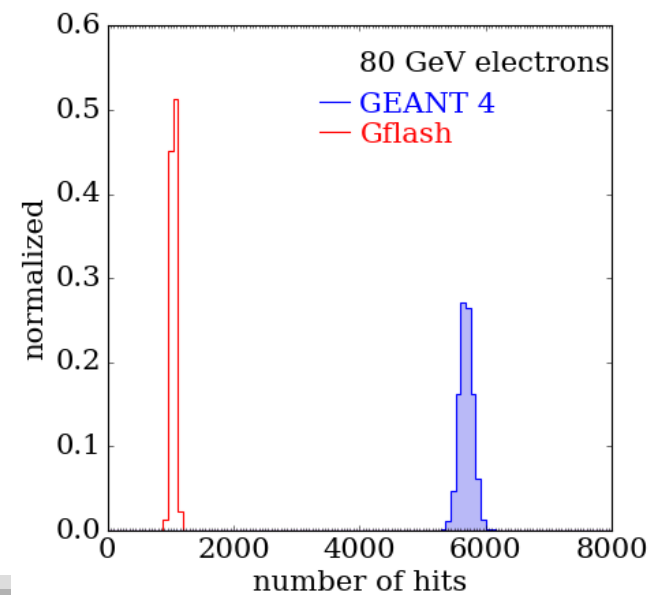
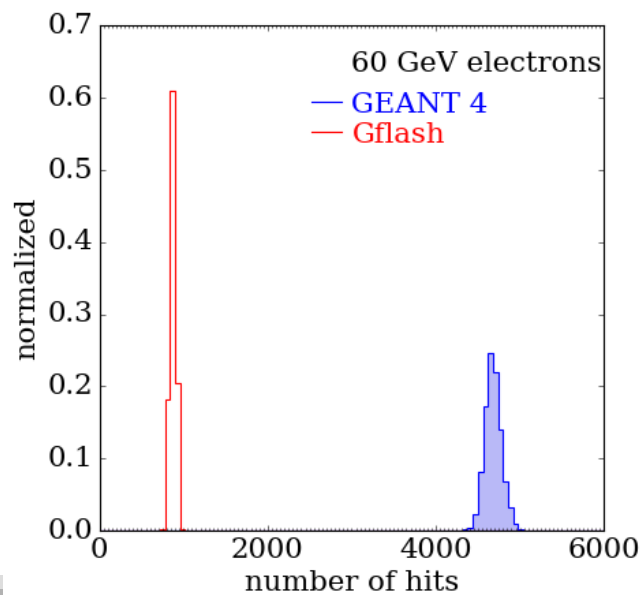
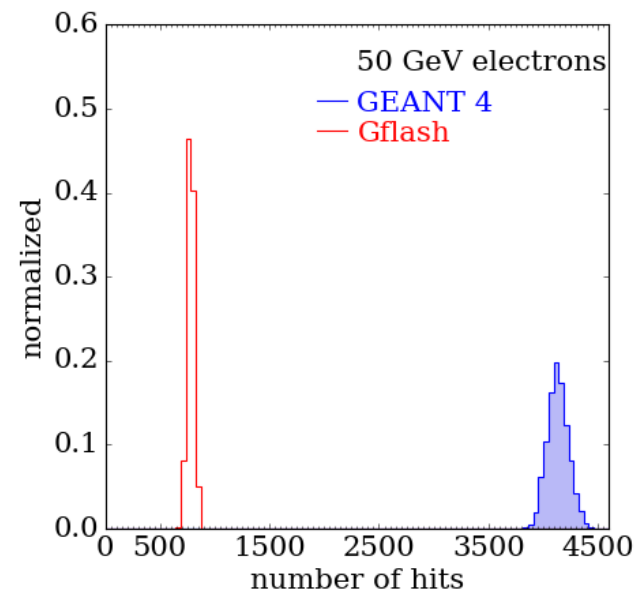
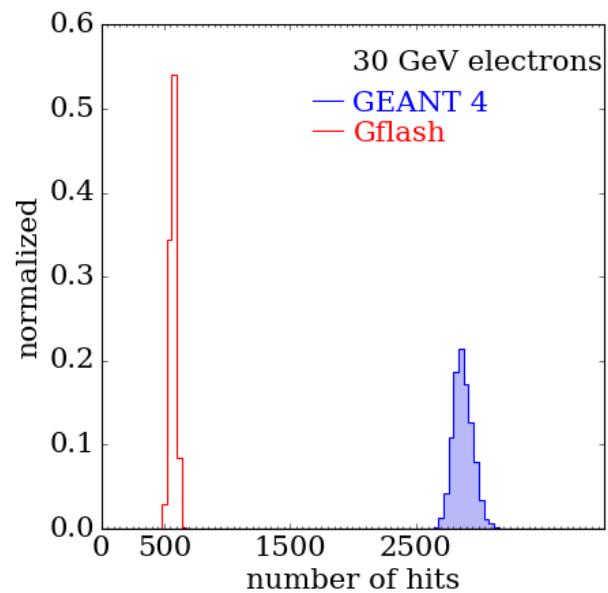
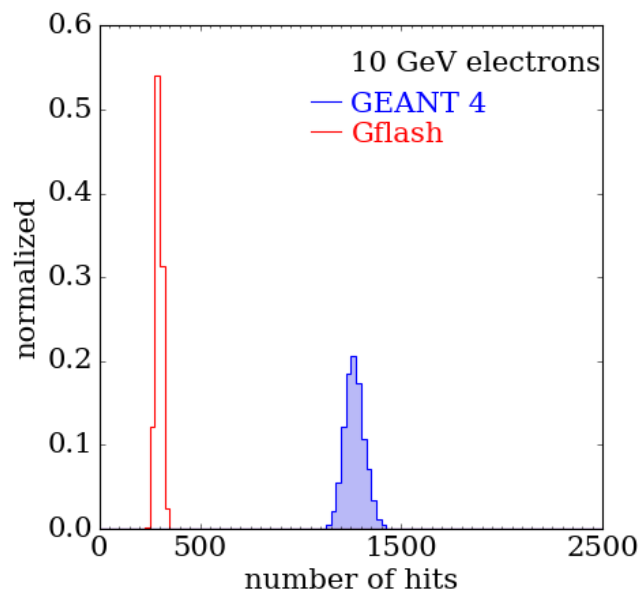
Gflash Shower Plots – Overlay (xy-plane)



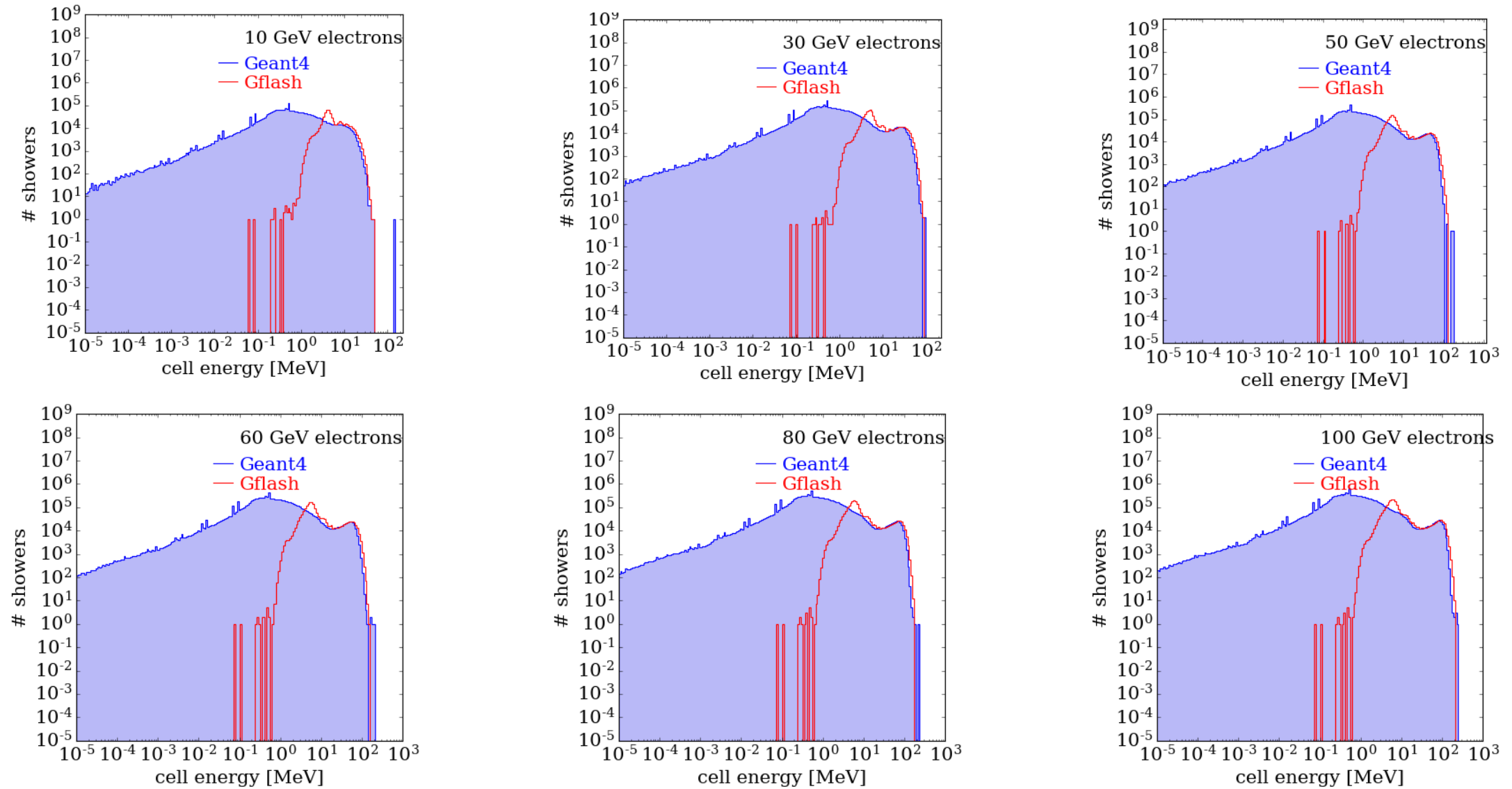
Total Energy



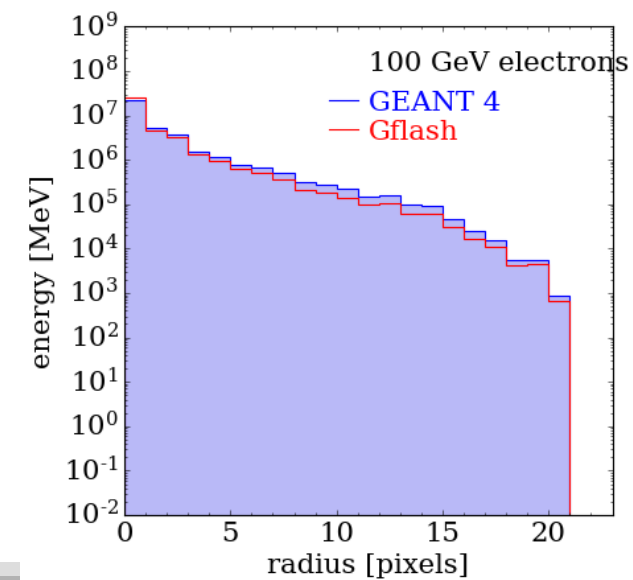
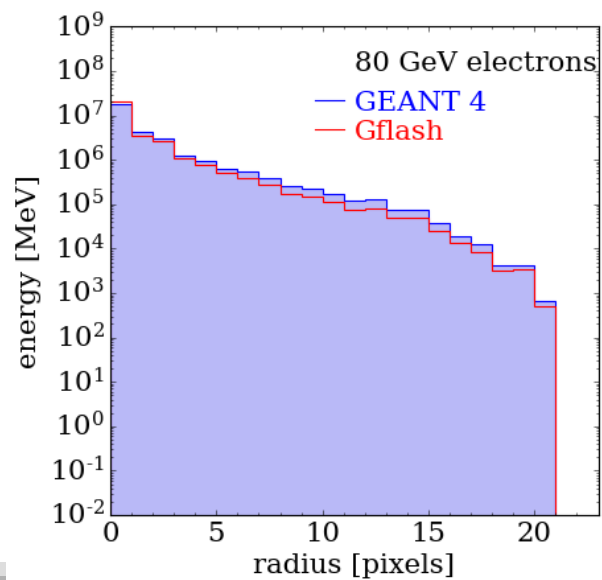
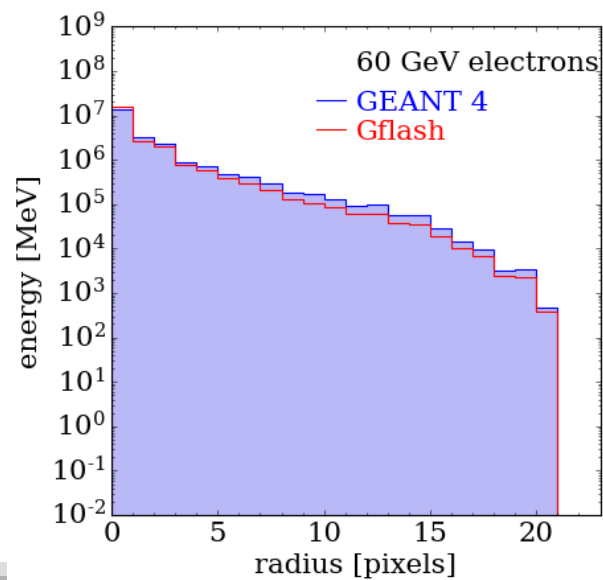
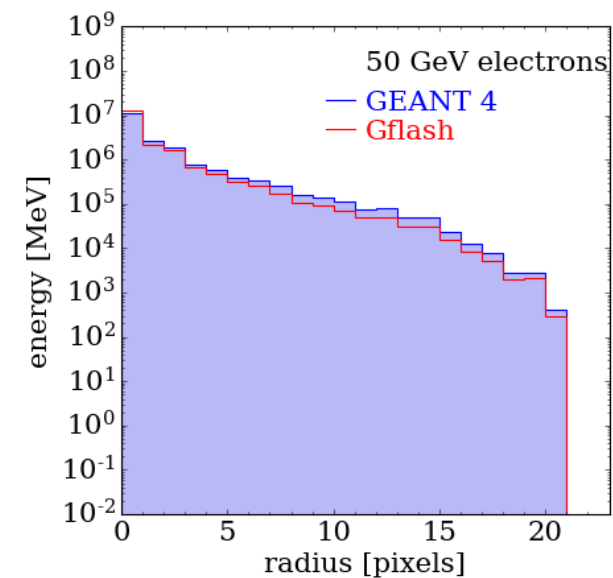
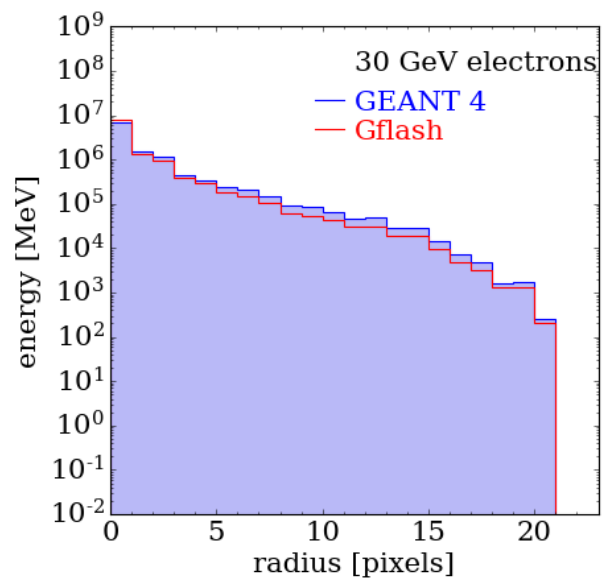
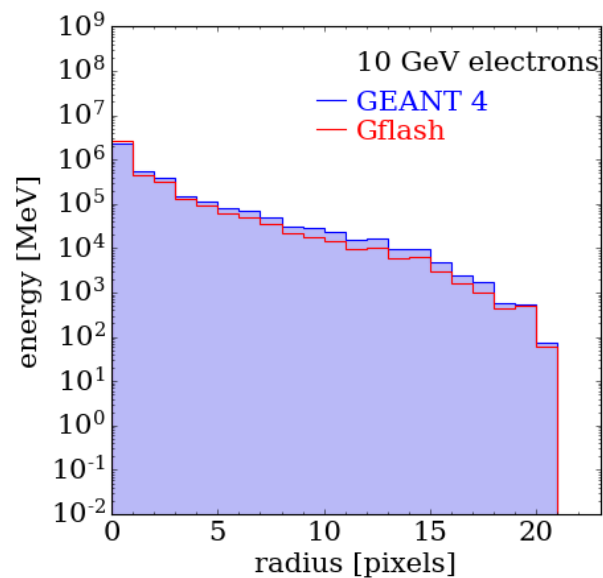
Occupancy



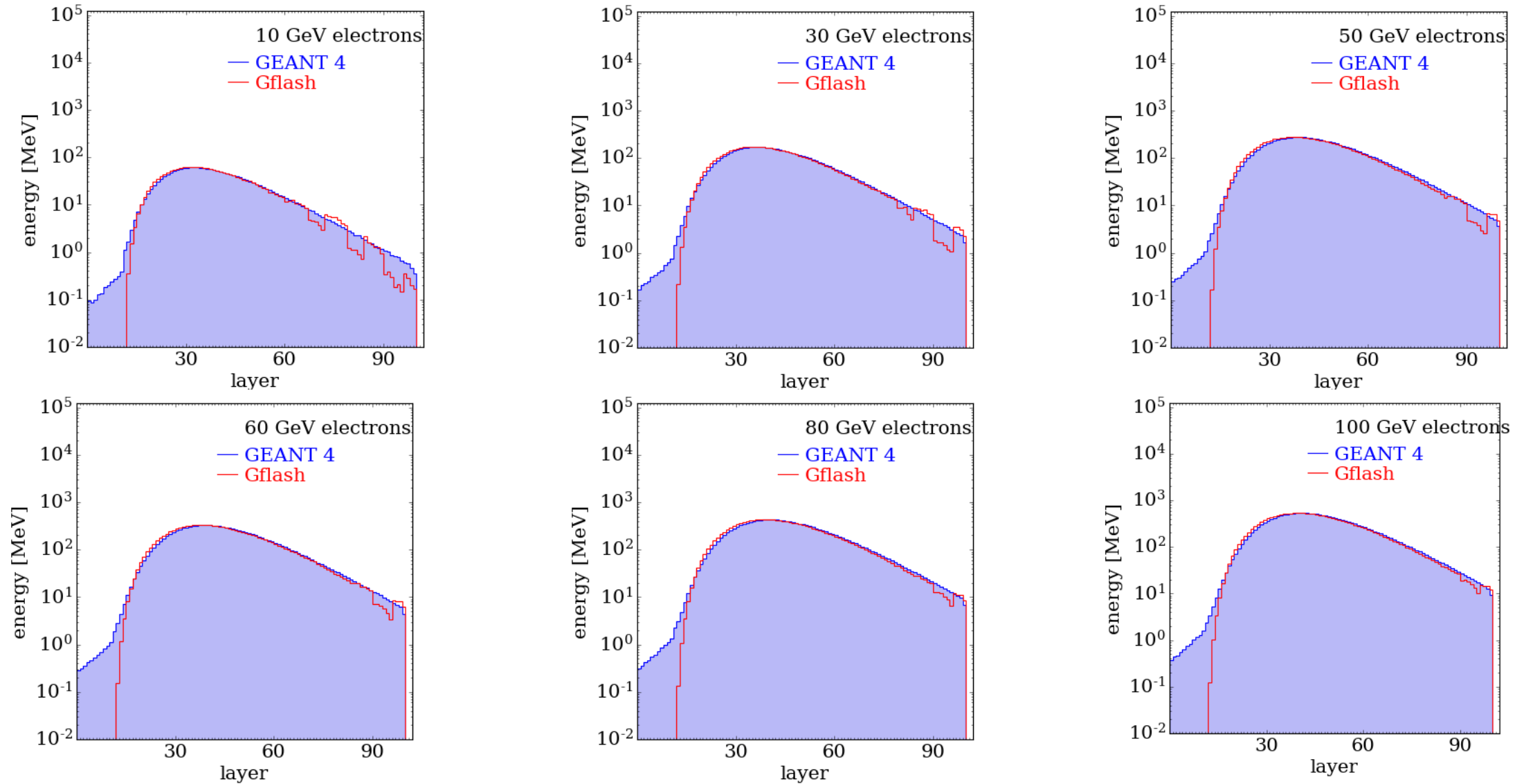
Visible Cell Energy



Radial Energy



Longitudinal Energy



Center of Gravity

