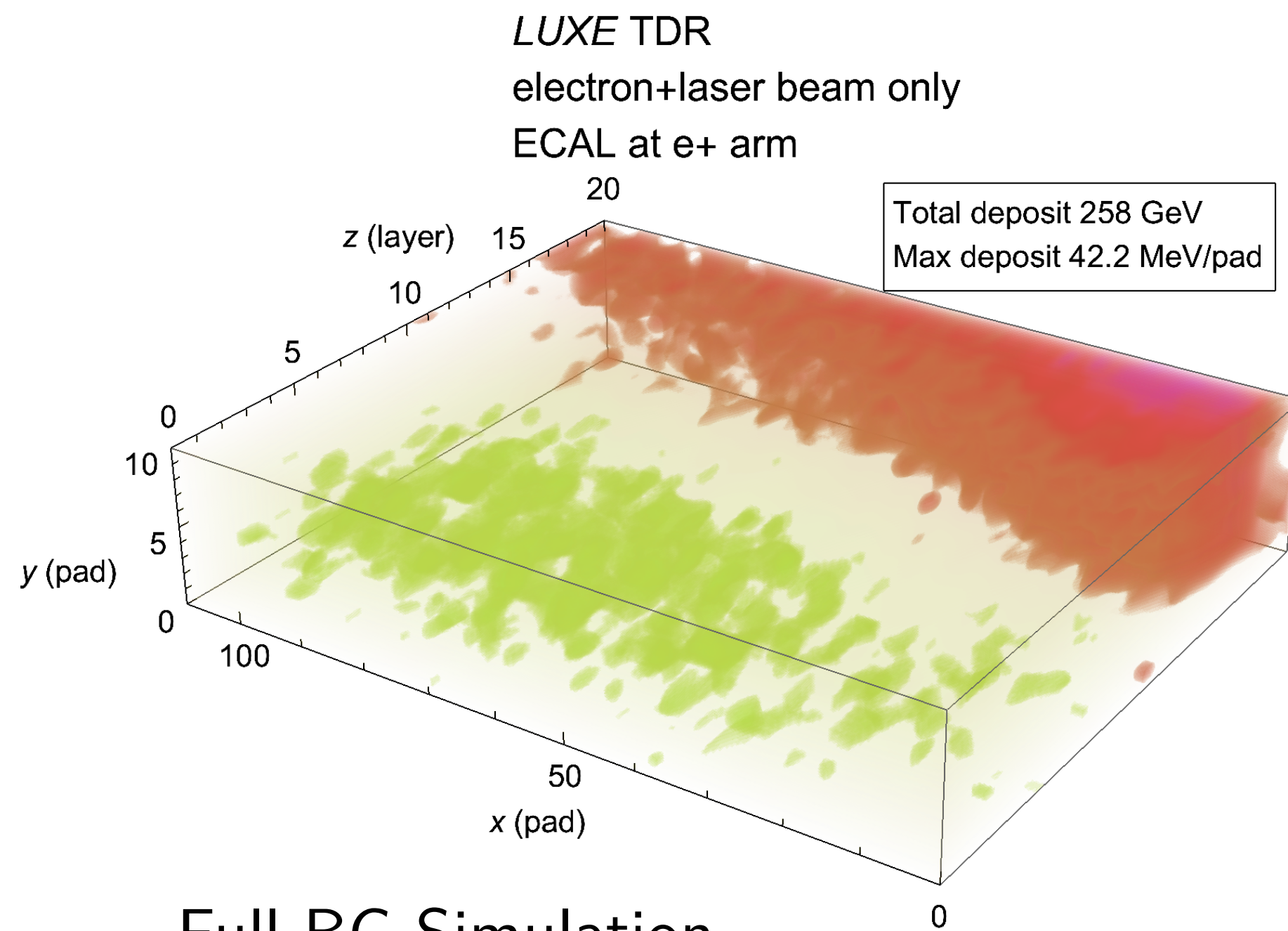


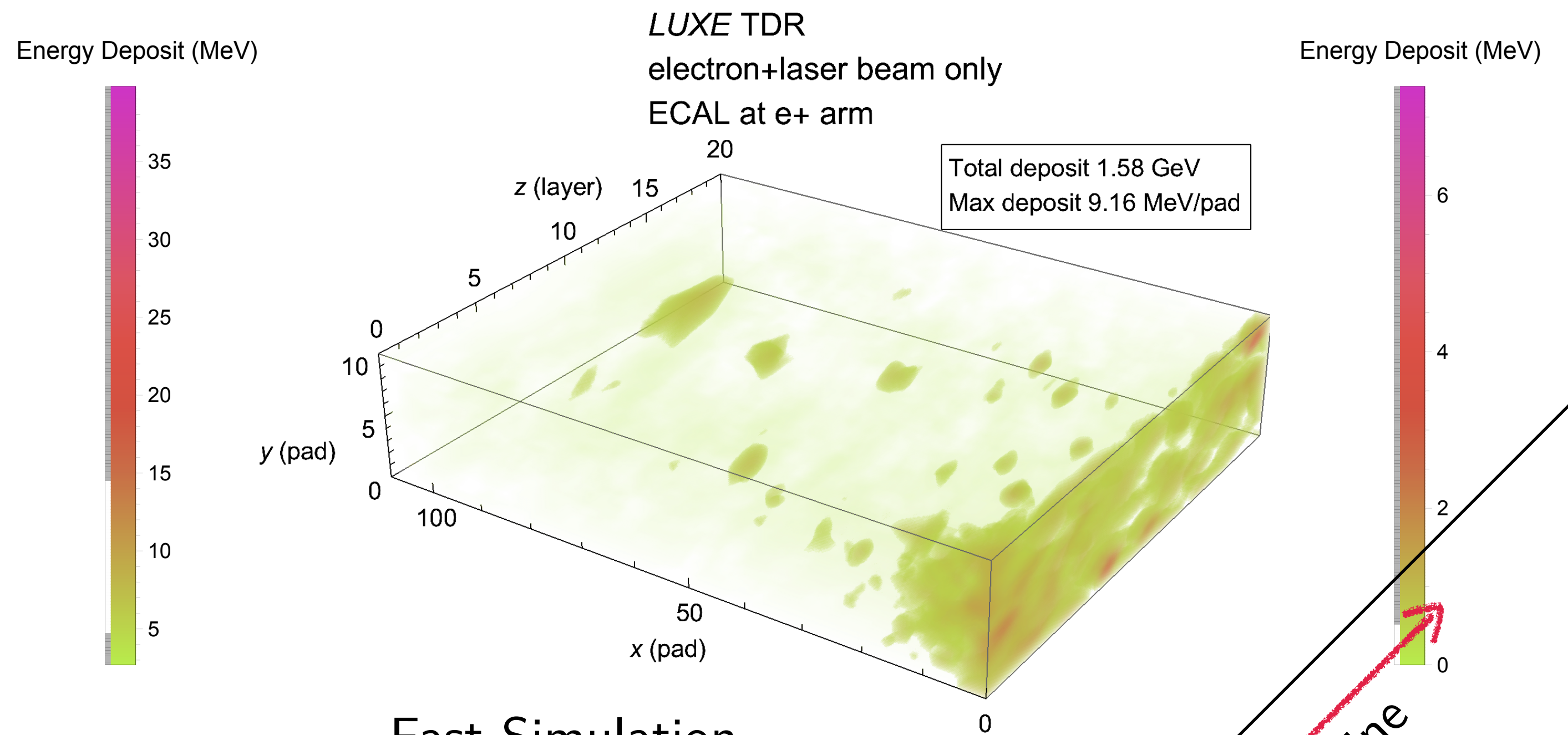
Background Study for ECAL in TDR geometry

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- PyROOT issues solved (... partially)
- Conformed a huge gap between fast/full simulations
 - Backscattering from the dumps needs to be shielded
- Top candidate particle (by number): e^- , **gamma**, ν_e , e^+ , **neutron**

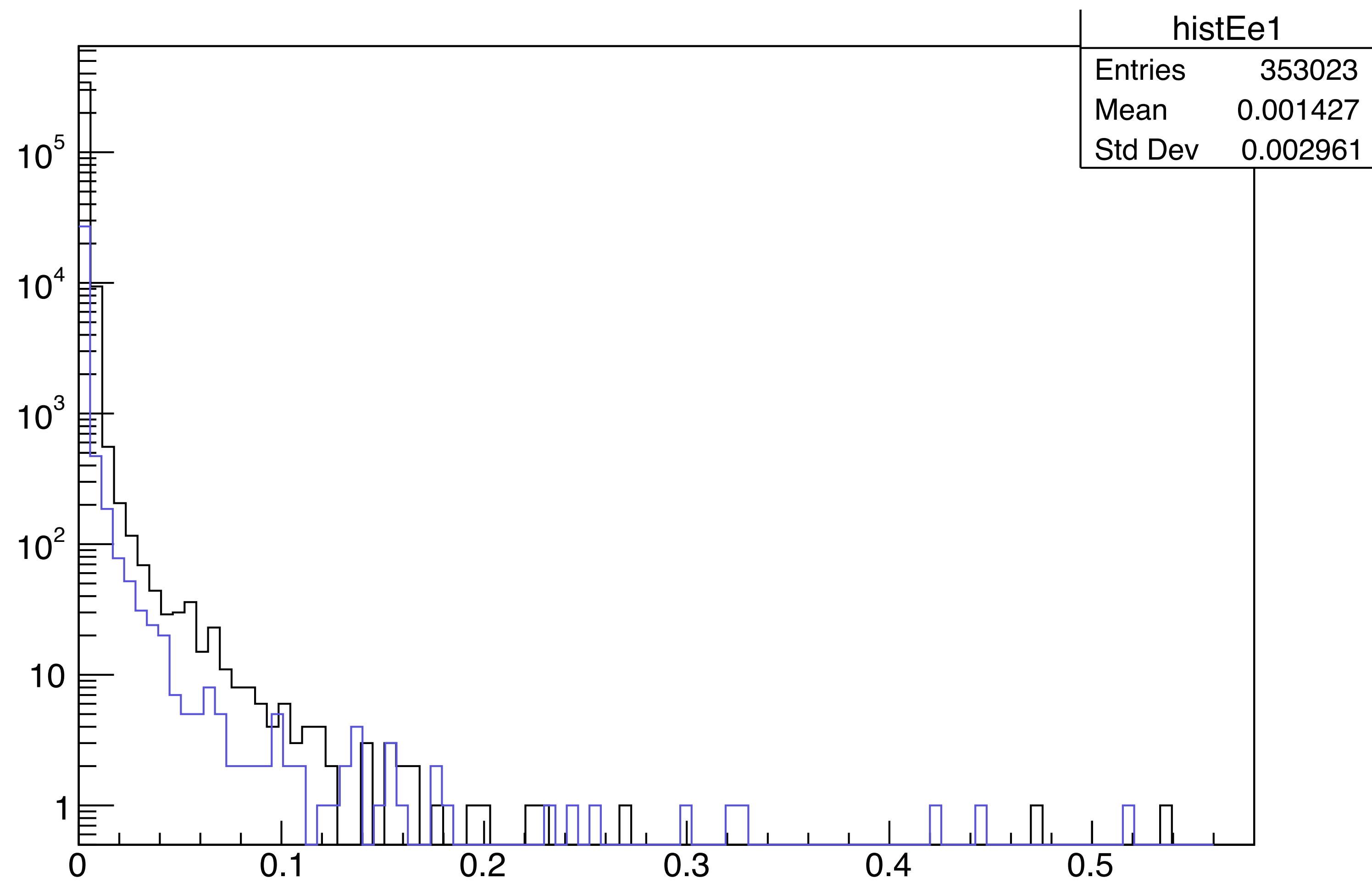


Full BG Simulation
2.024 BX

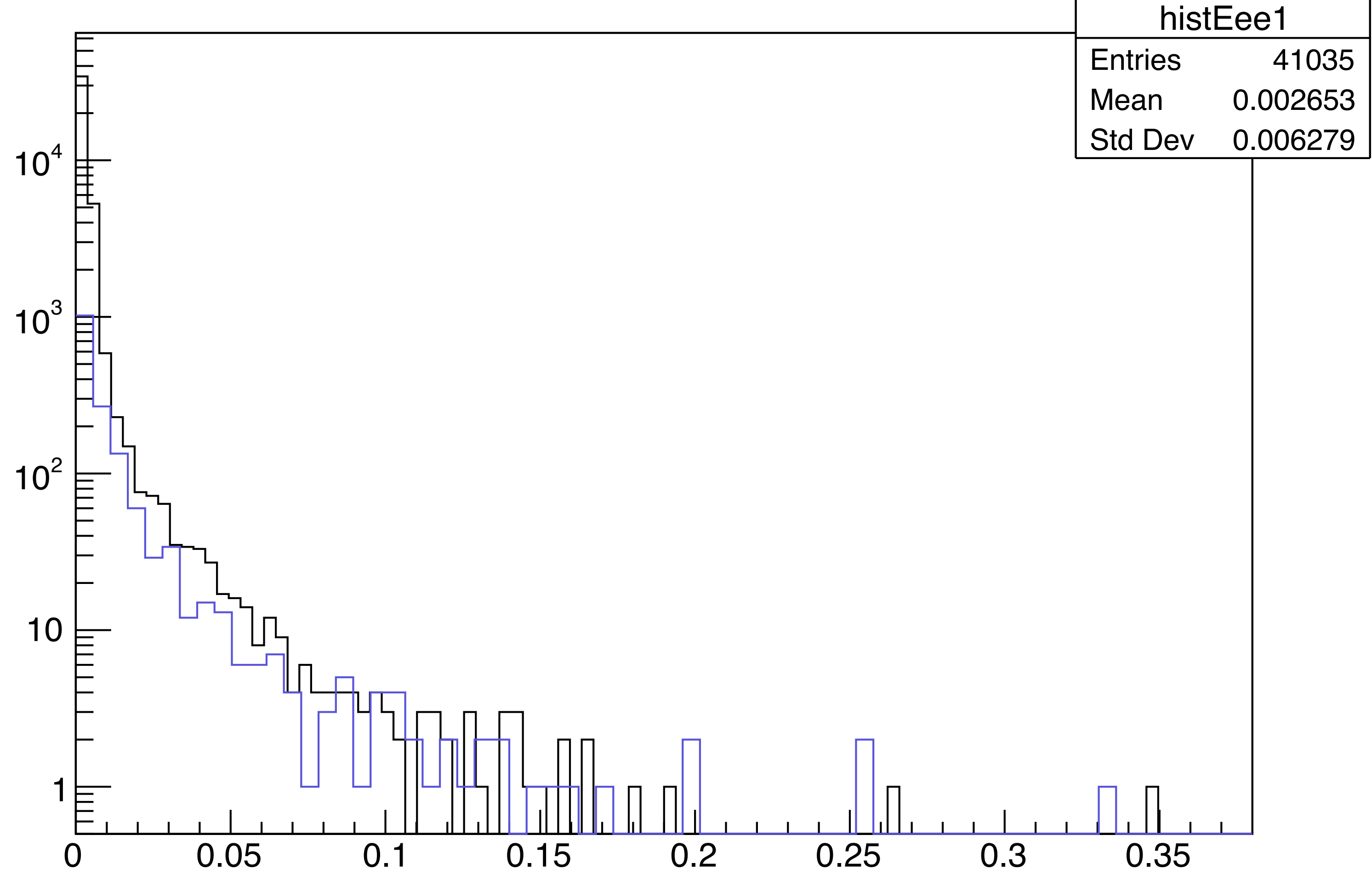


Fast Simulation
4.45 BX

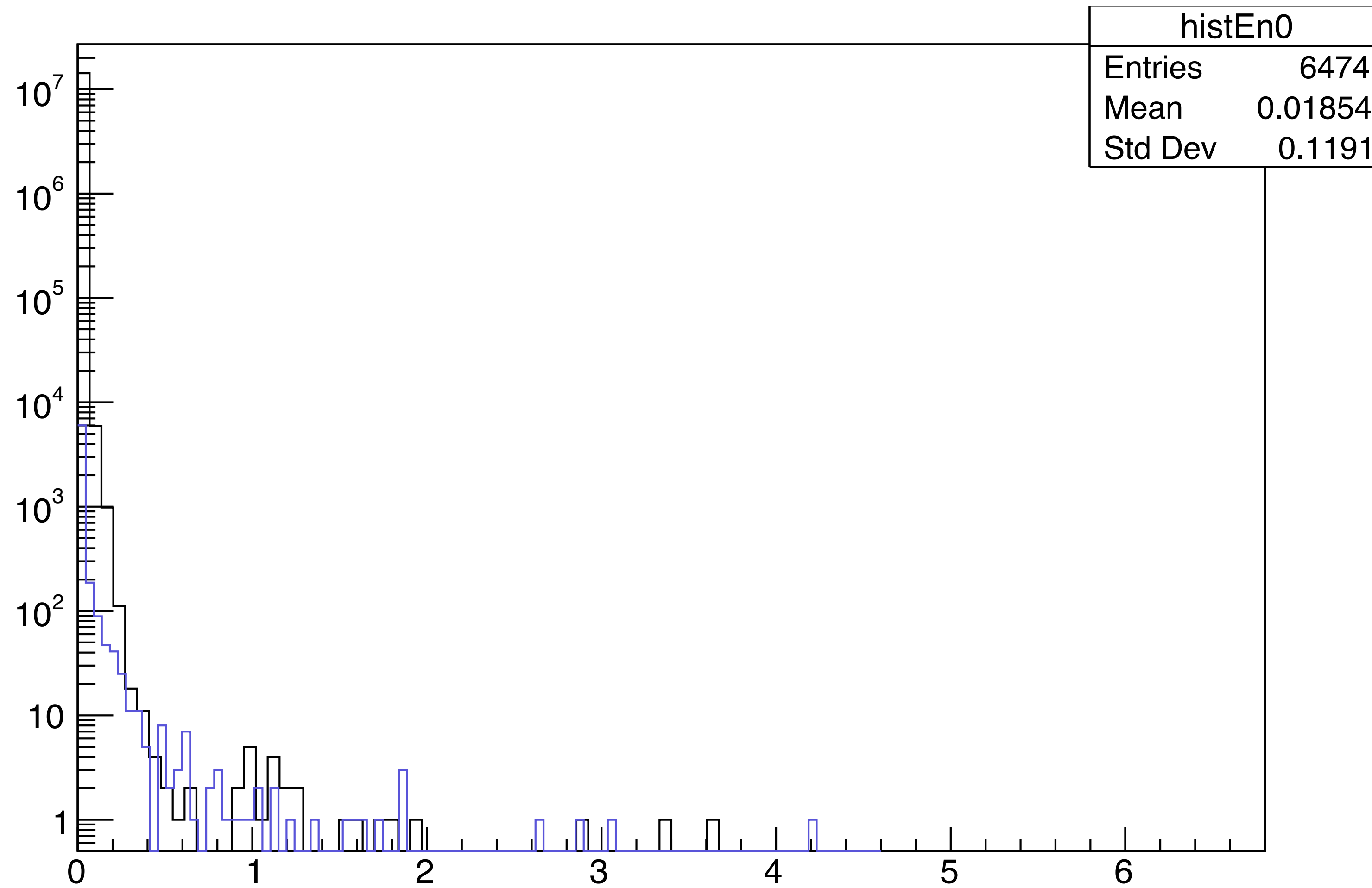
Spectrum: electron



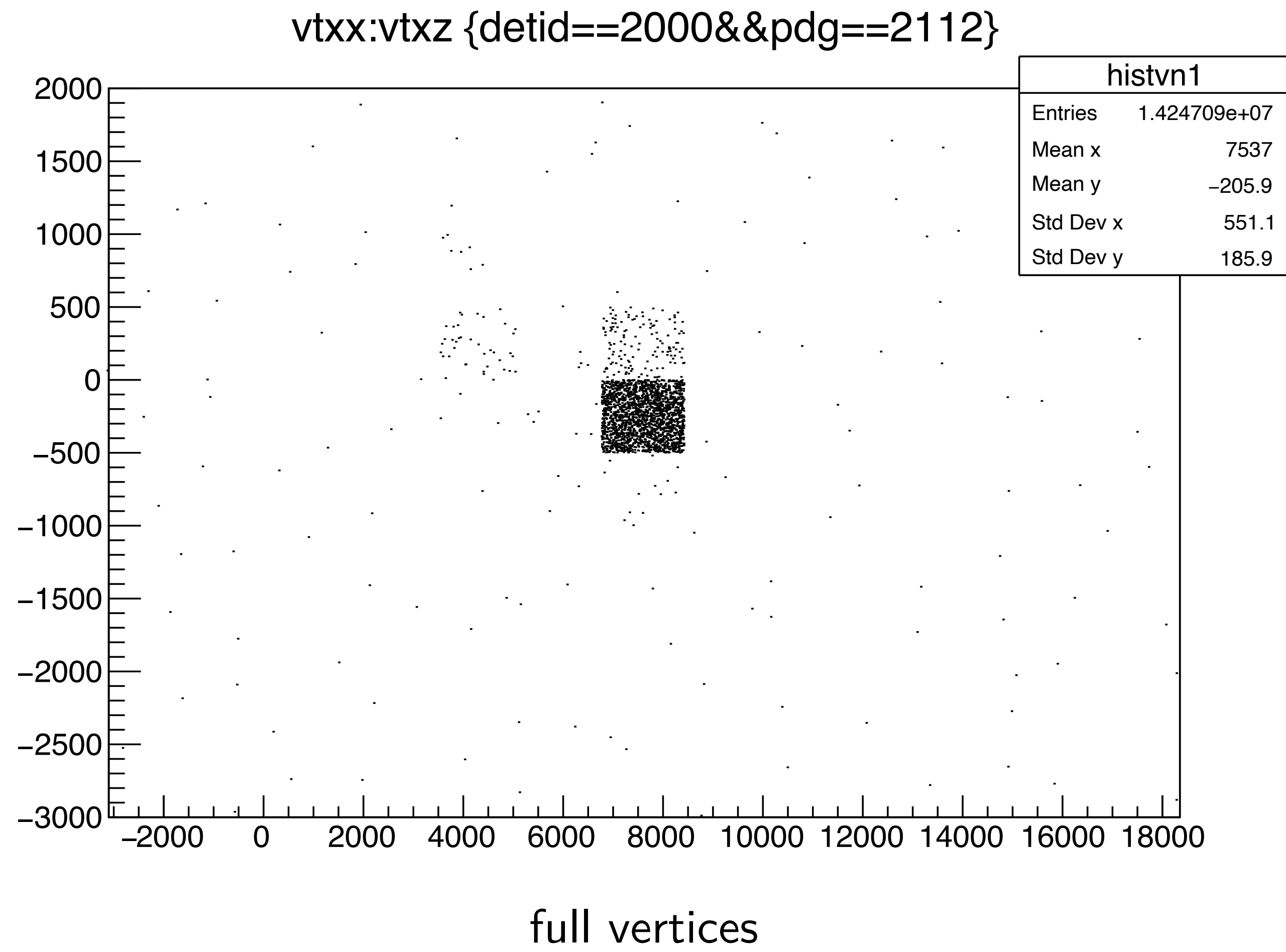
Spectrum: positron



Spectrum: neutron

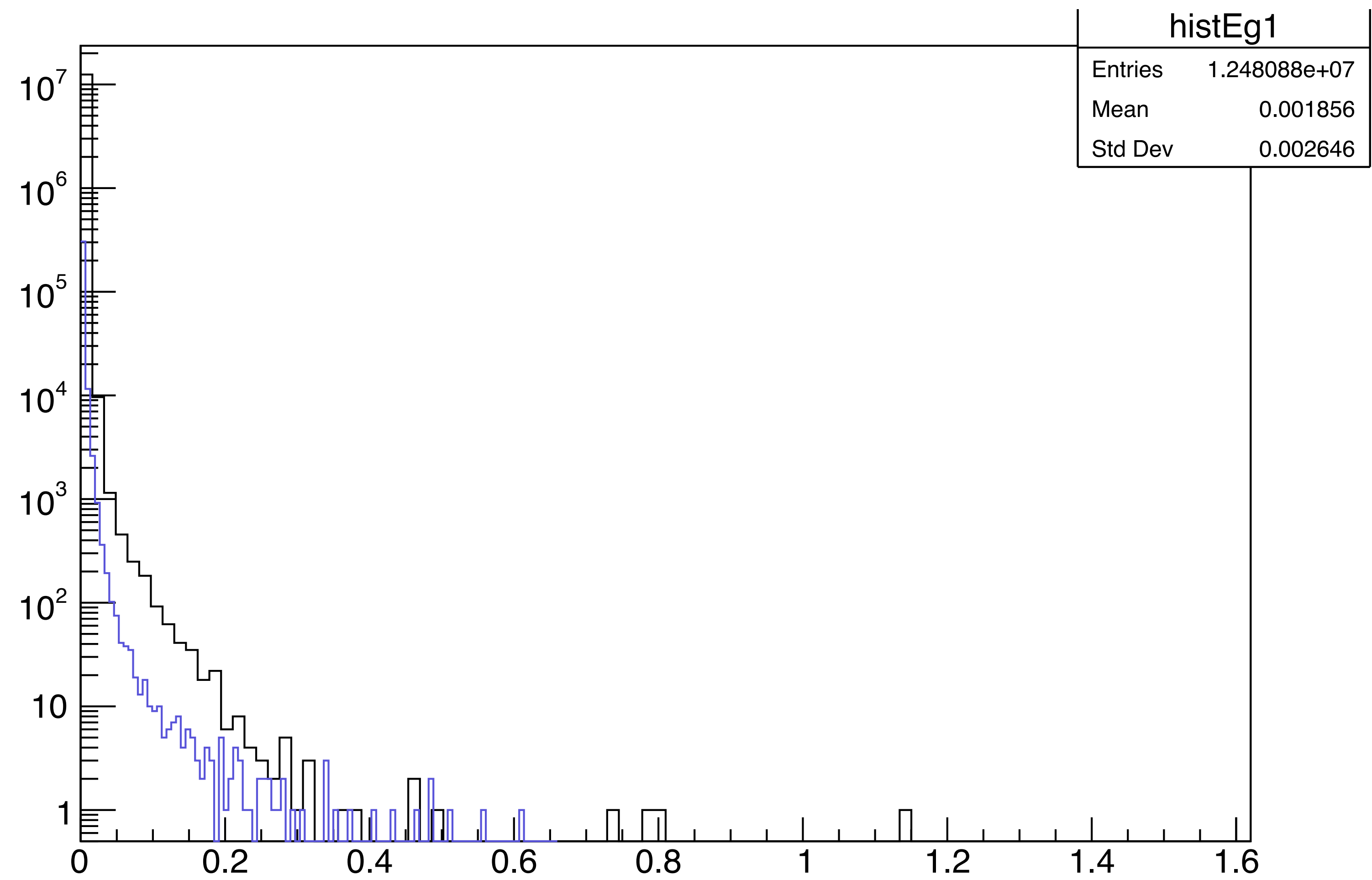


Vertices: neutron



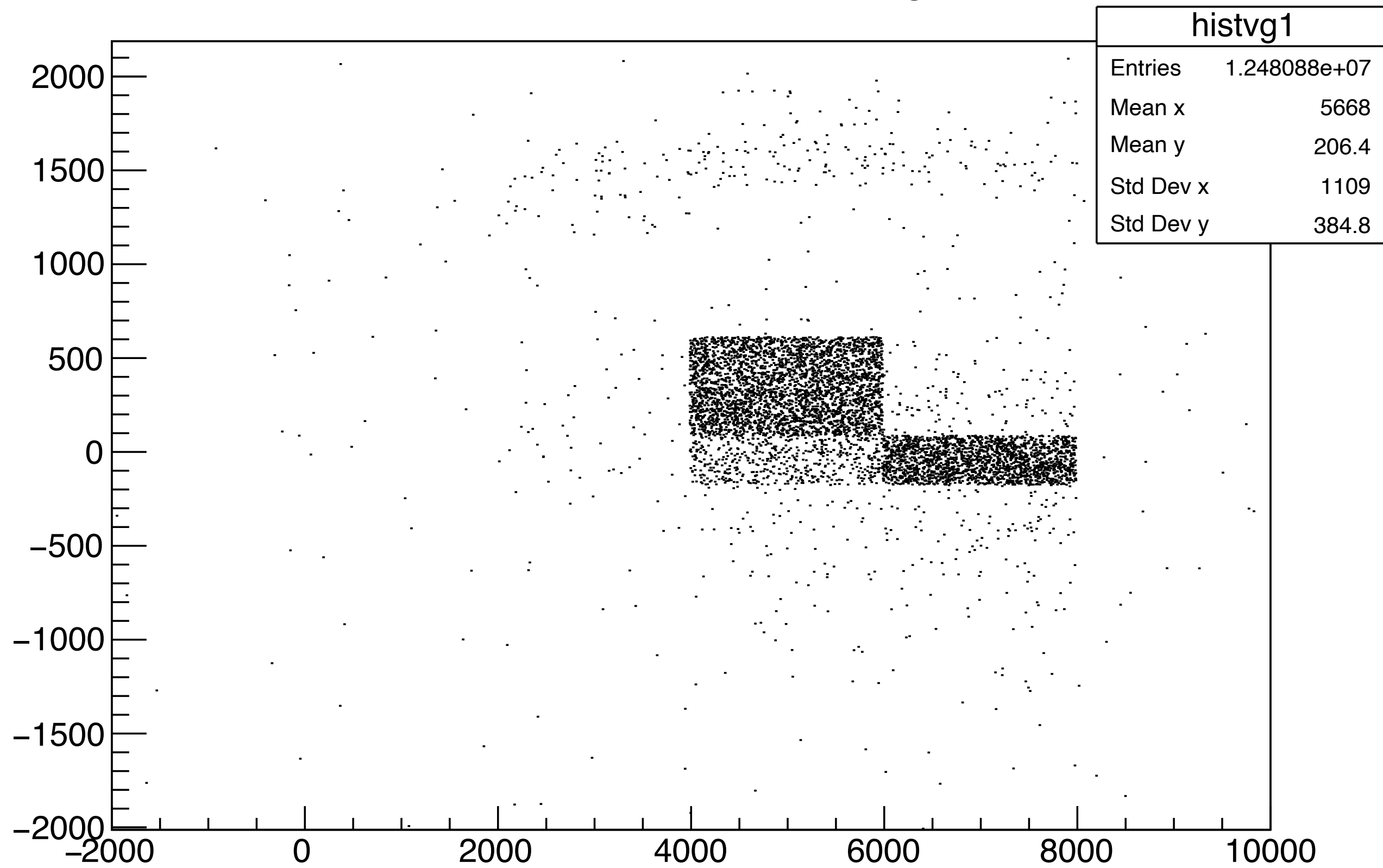
Nothing in fast sim.

Spectrum: photon



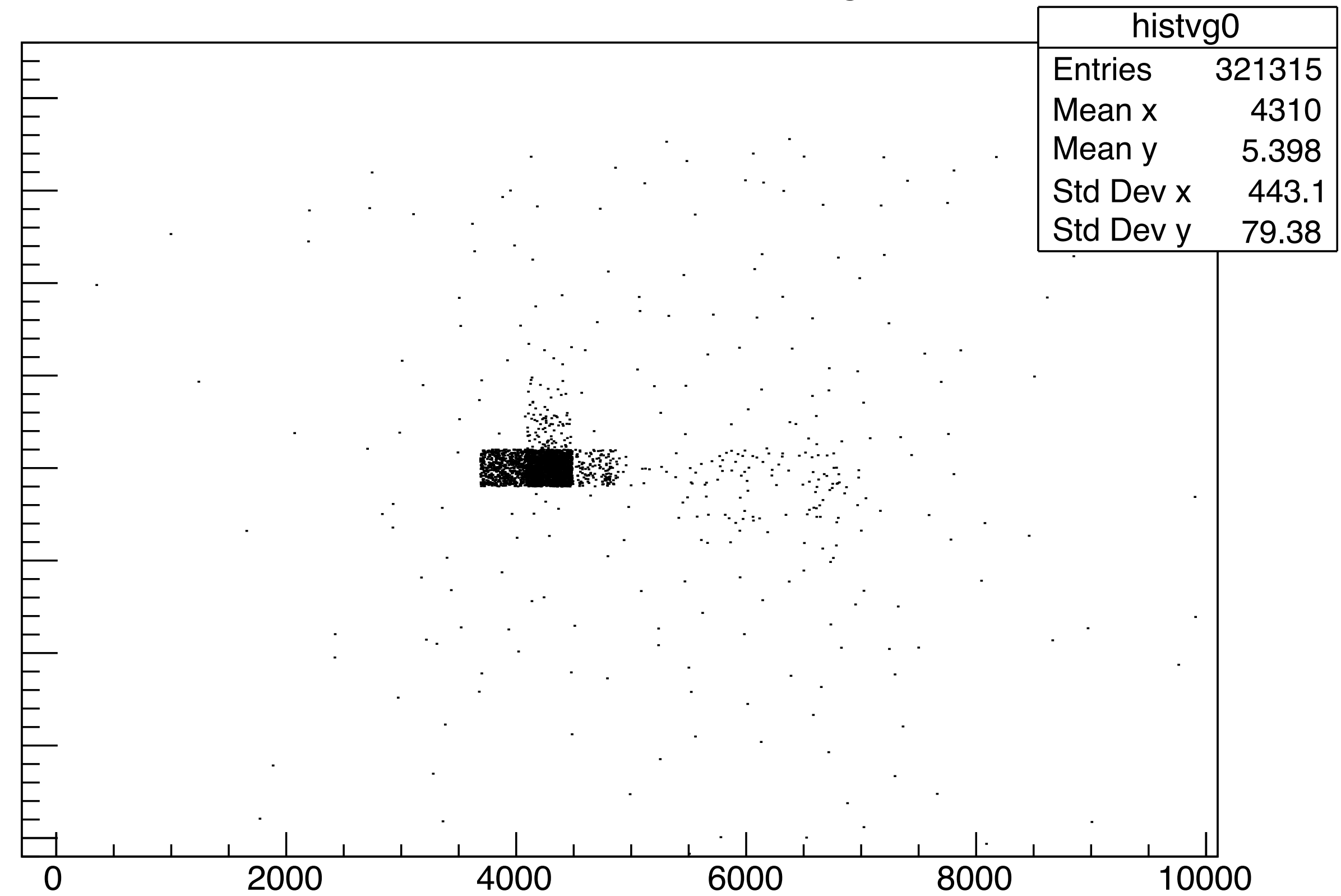
Vertices: photon

vtxx:vtxz {detid==2000&&pdg==22}



full vertices

vtxx:vtxz {detid==2000&&pdg==22}



fast vertices