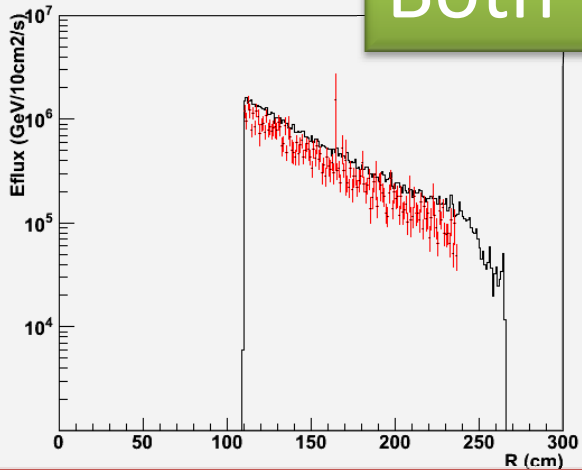


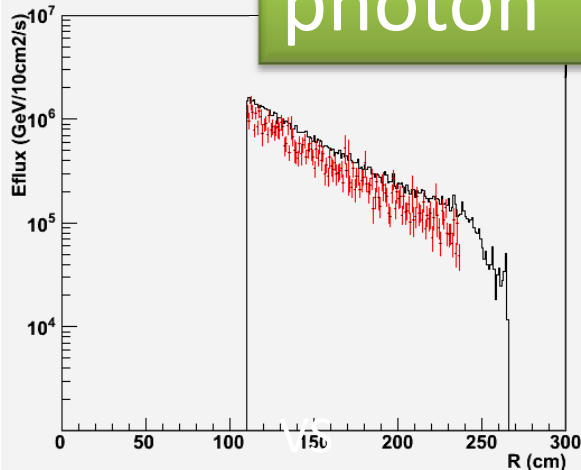
PVDIS EM Background (on EC, no baffle)

red Geant3, black Geant4

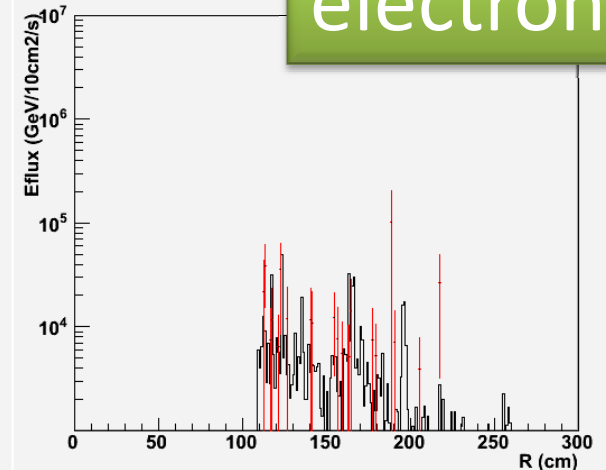
Both



photon



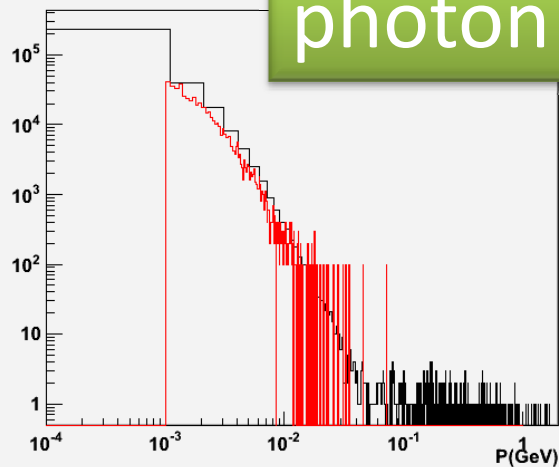
electron



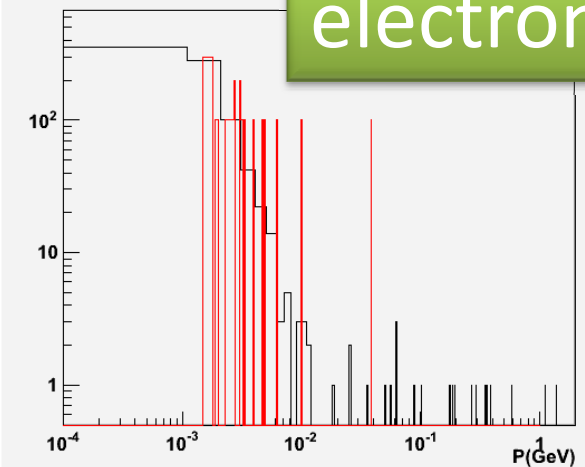
Energy Flux VS R

For Energy Flux,
Geant4 shows
~30% larger than
Geant3

photon



electron



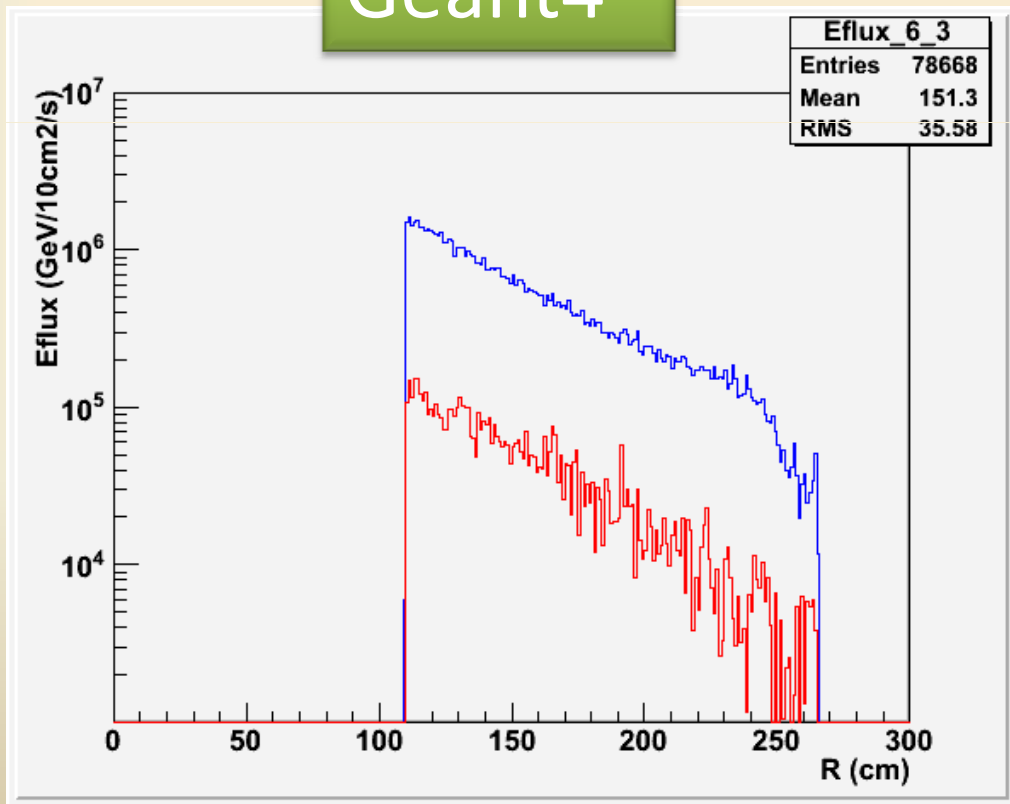
Momentum Distribution

PVDIS EM Background (on EC)

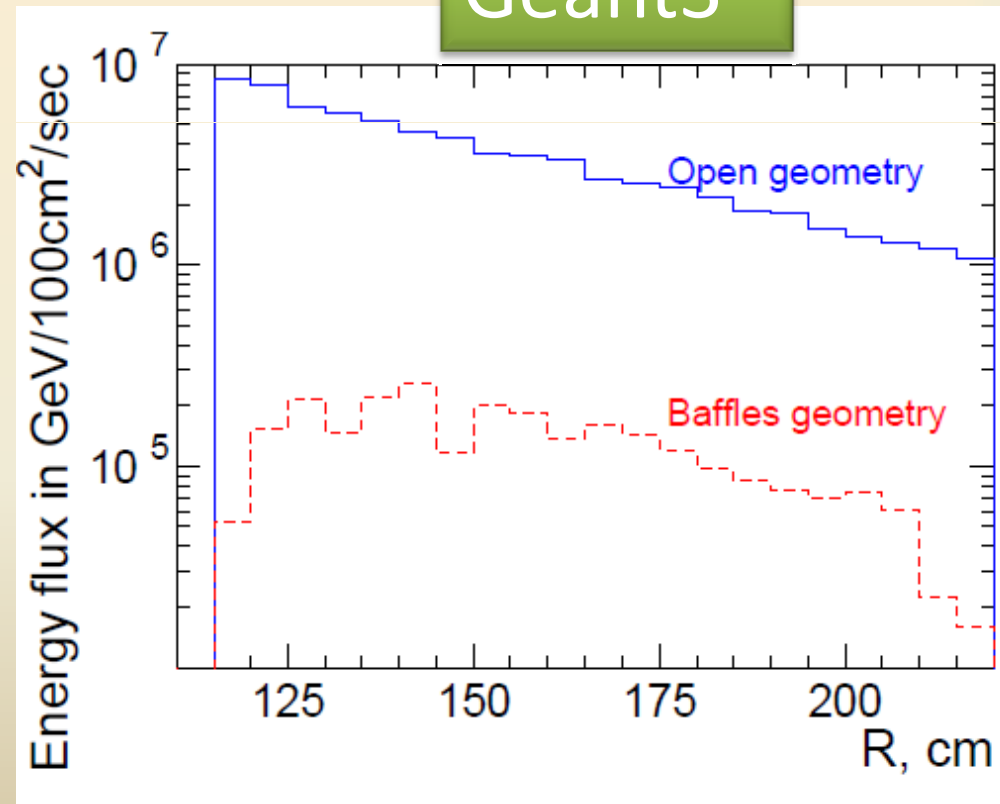
red with Baffle, black without Baffle

Baffle has factor 50 reduction for Geant3, but only factor 12 reduction for Geant4. Still looking into this.

Geant4



Geant3



PVDIS EM Background (on EC)

red with Baffle, black without Baffle

My Geant3 has also about factor 10 reduction. Still looking into this.

