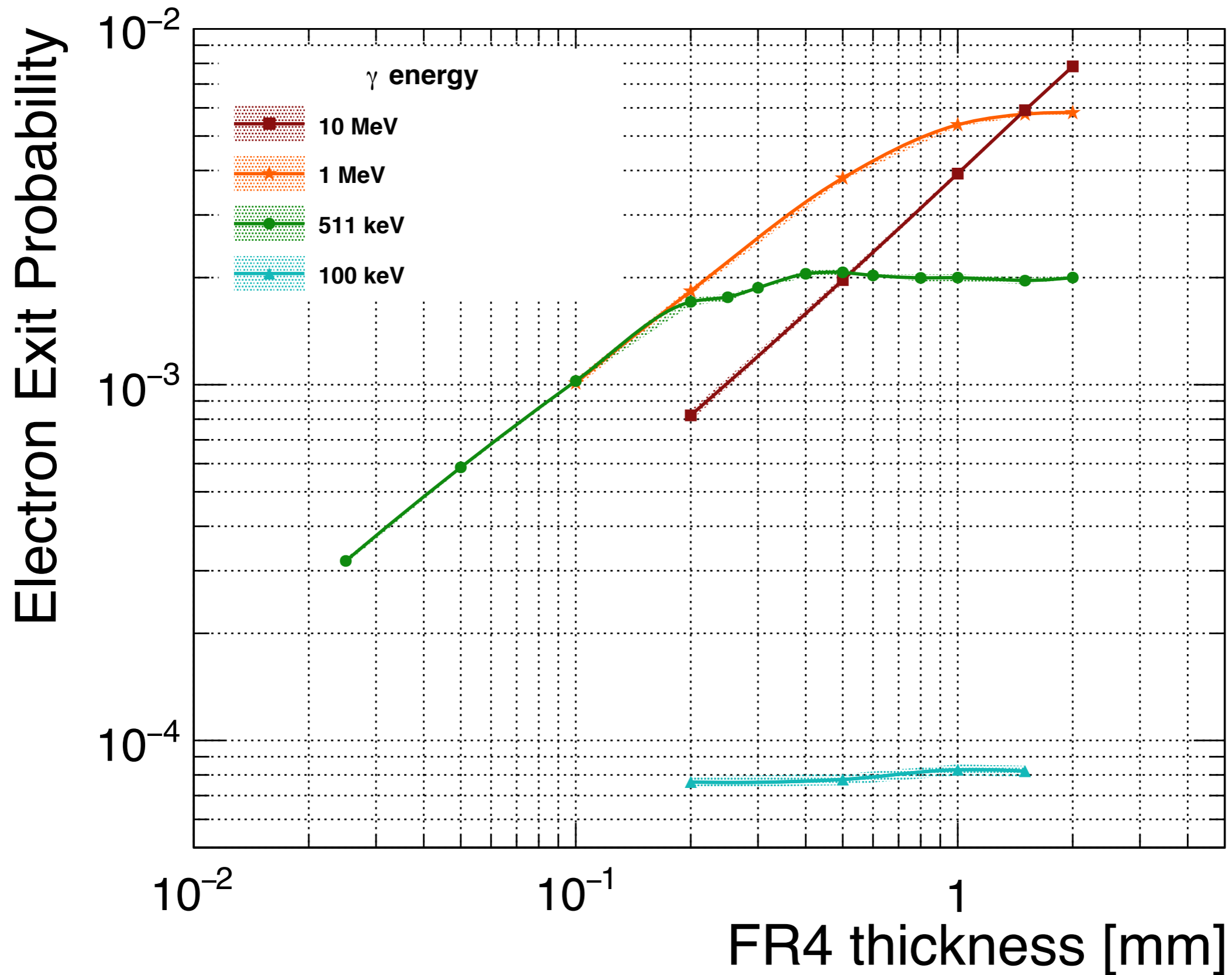
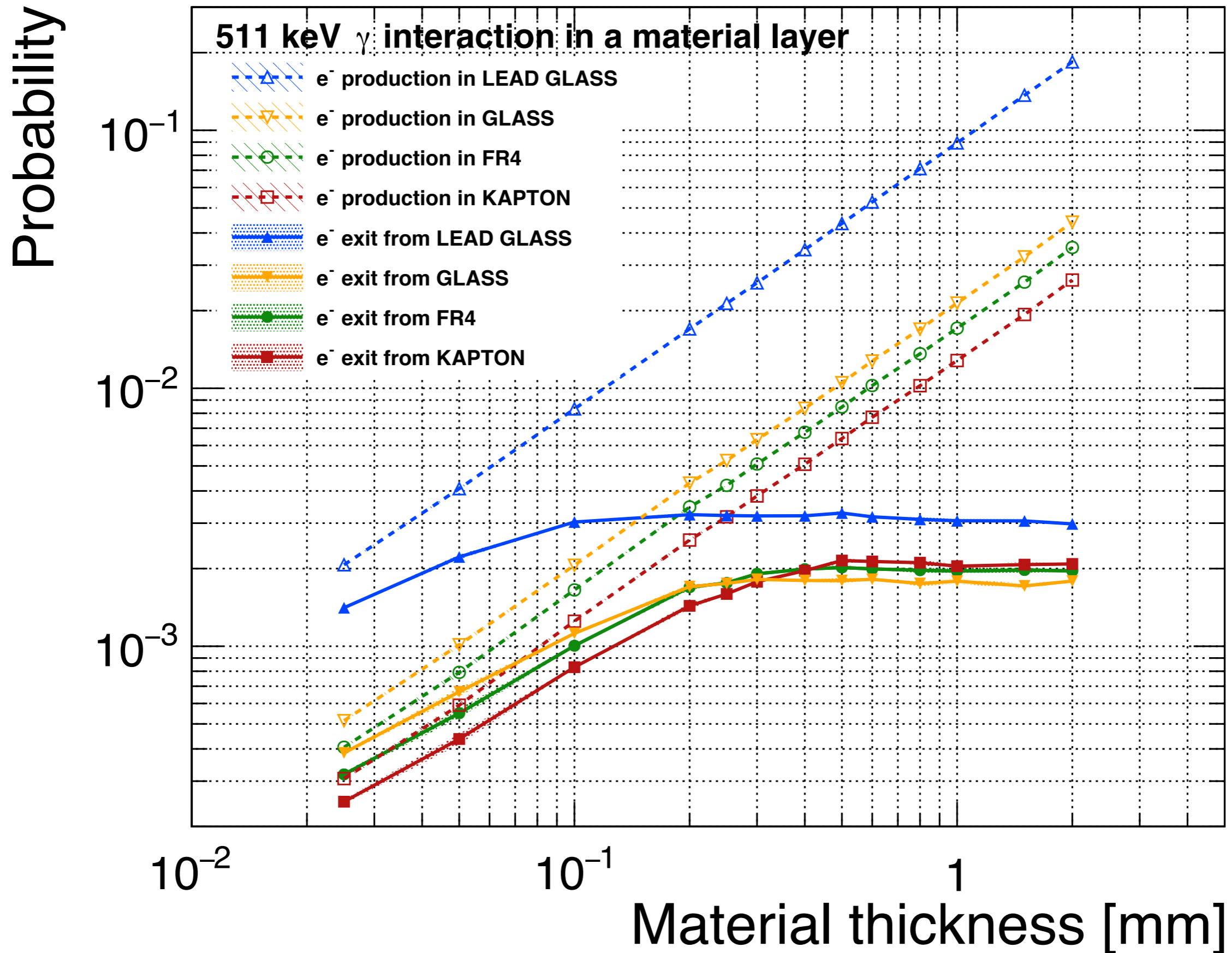


# Photon conversion in FR4

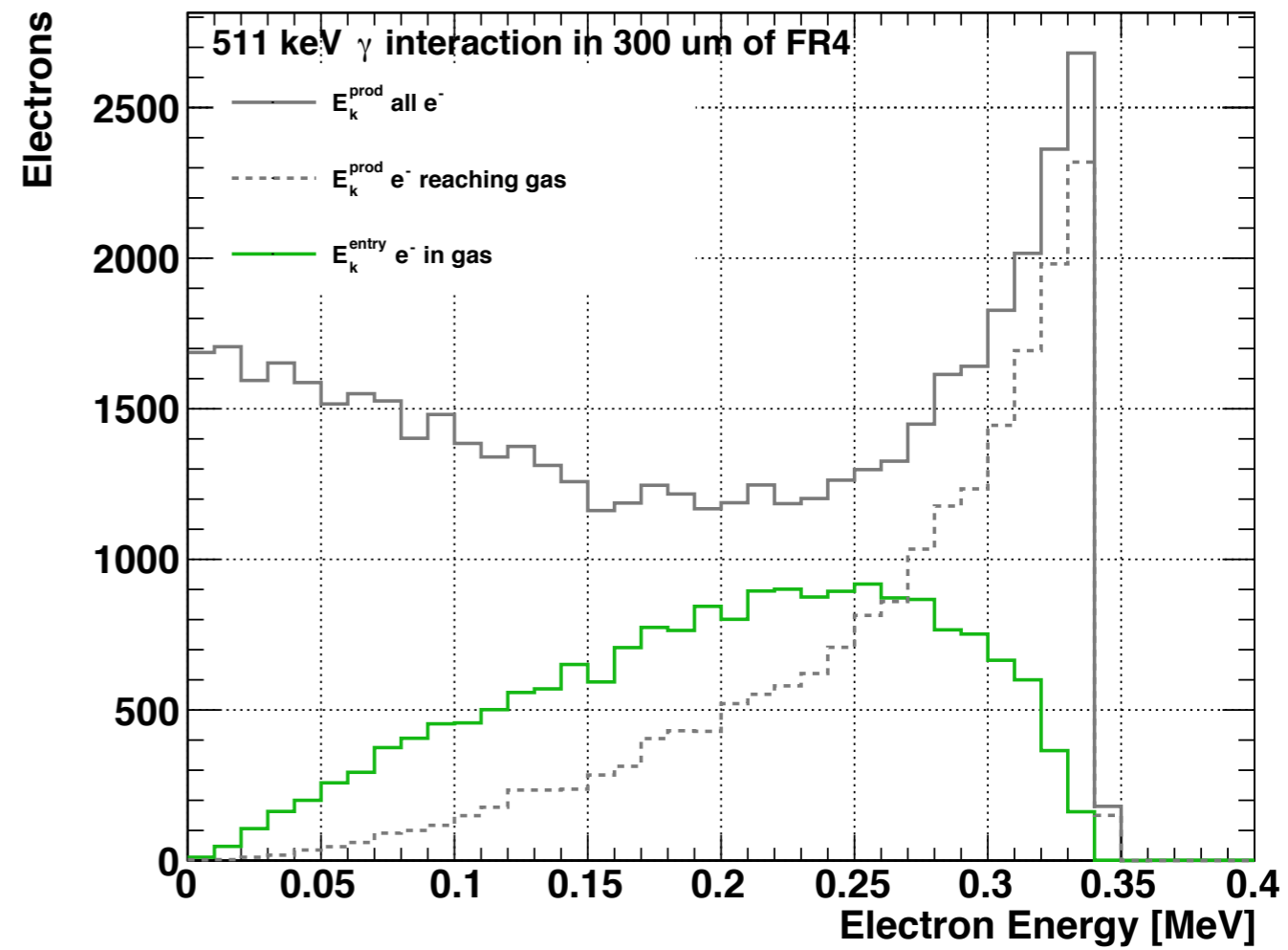
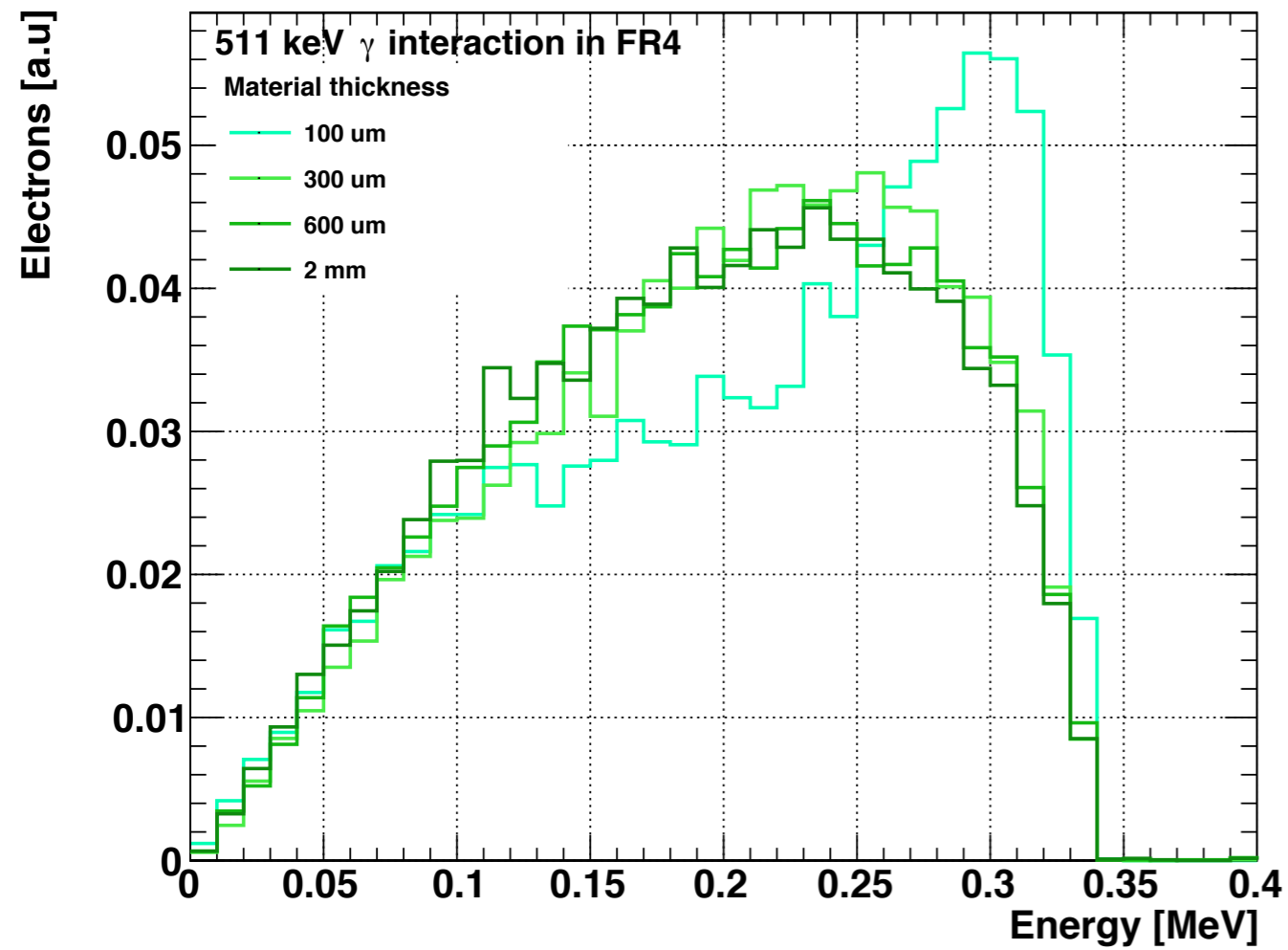
# Electron exit prob.



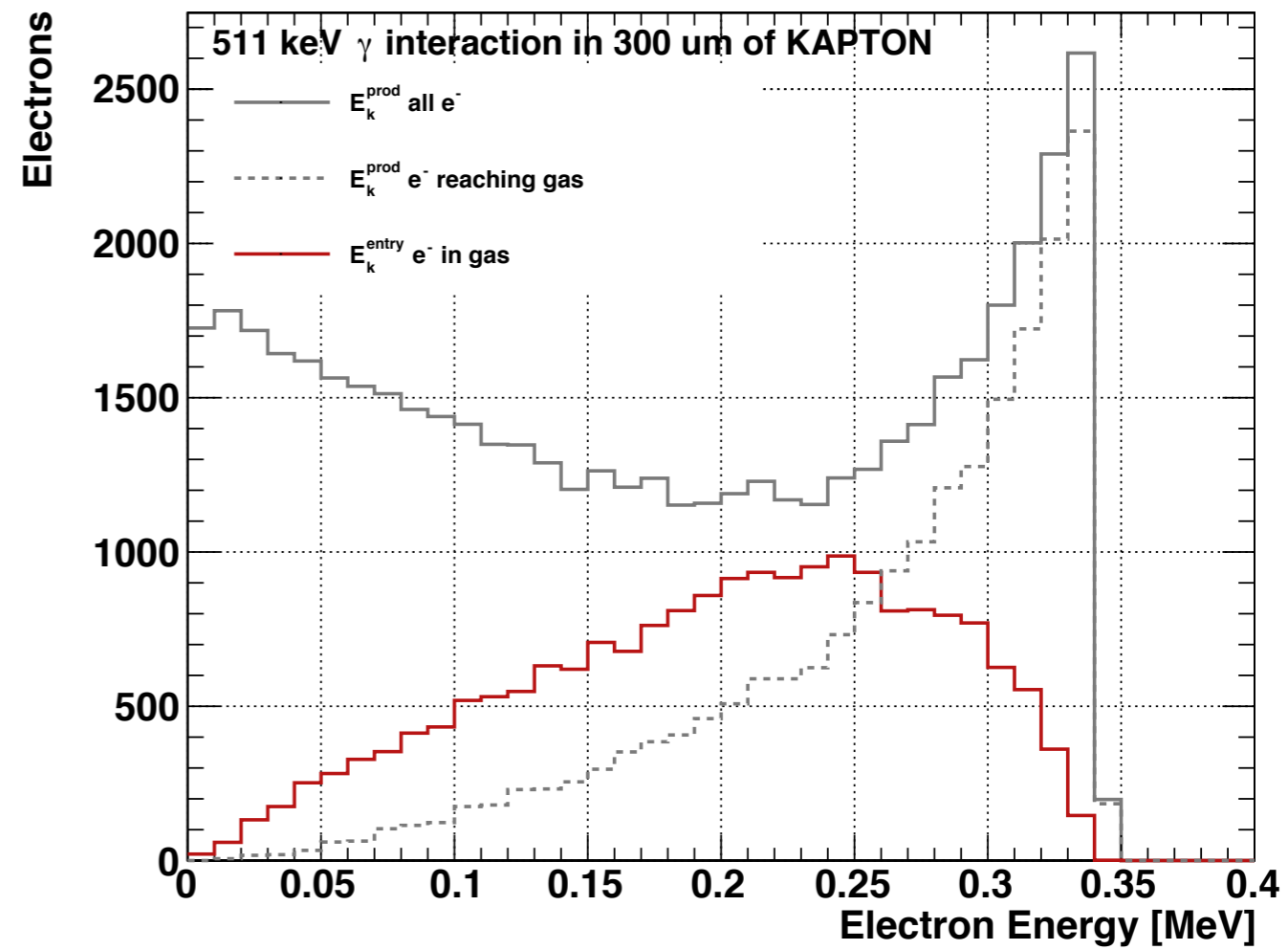
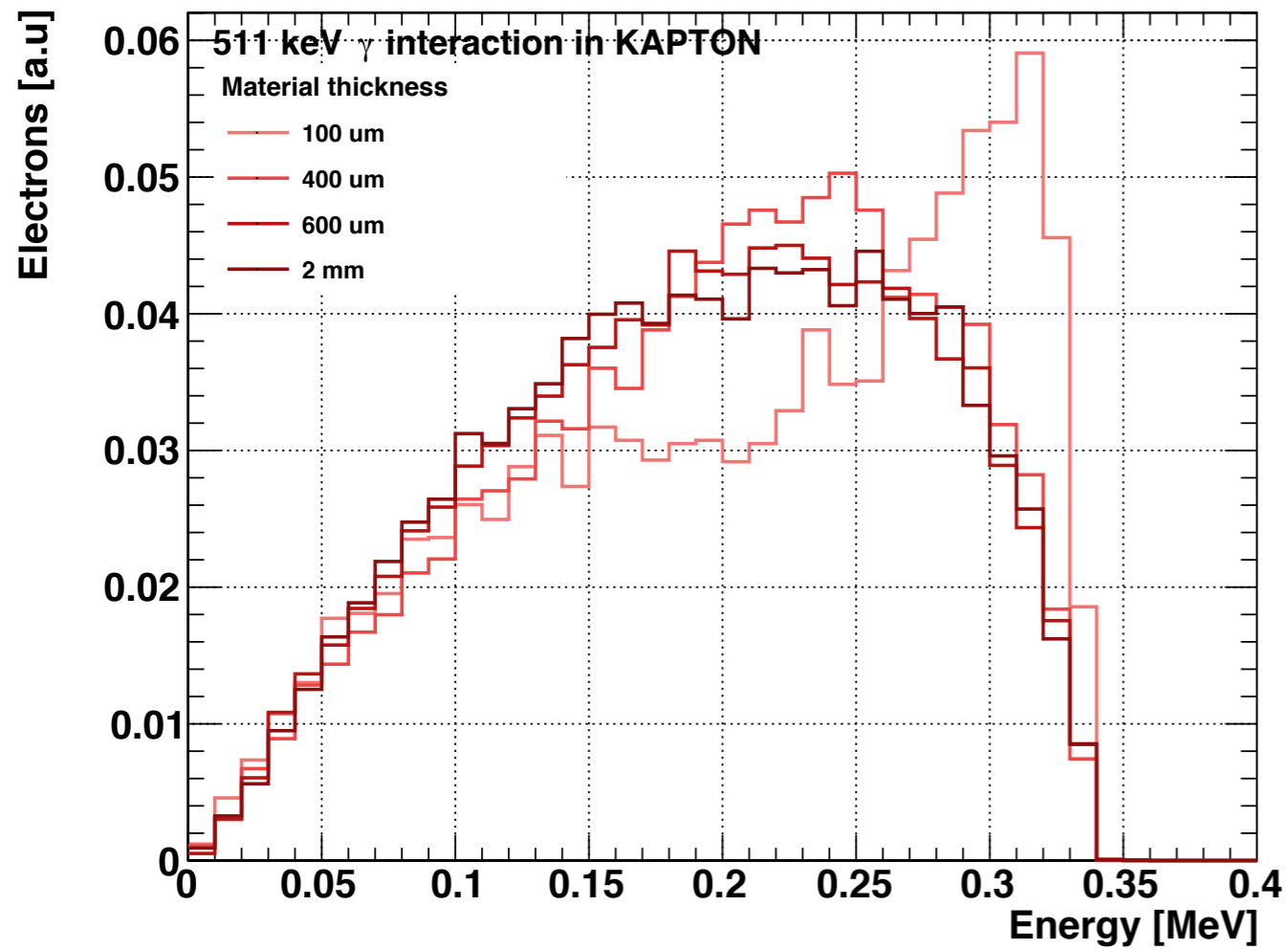
# Electron production and exit prob.



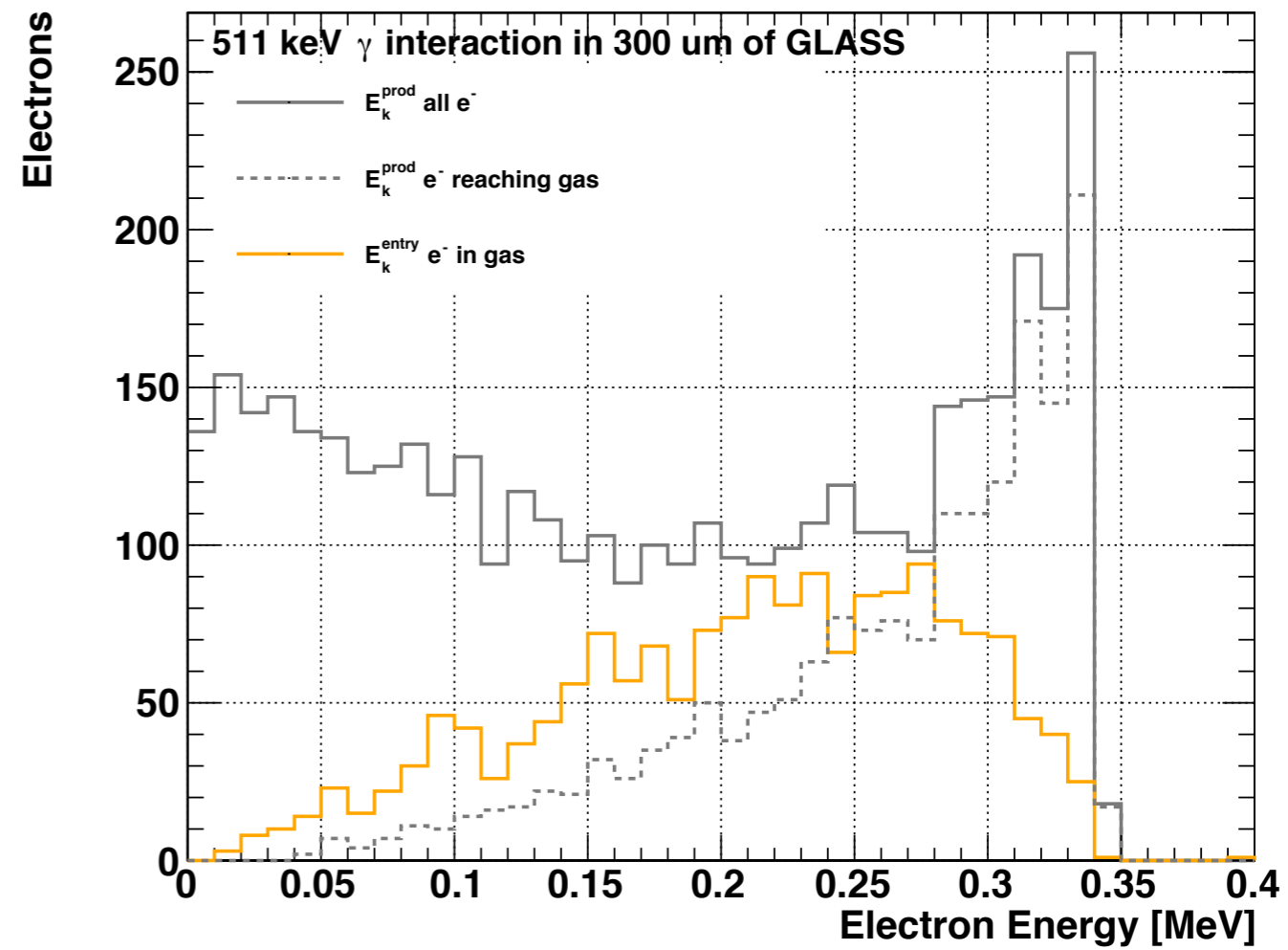
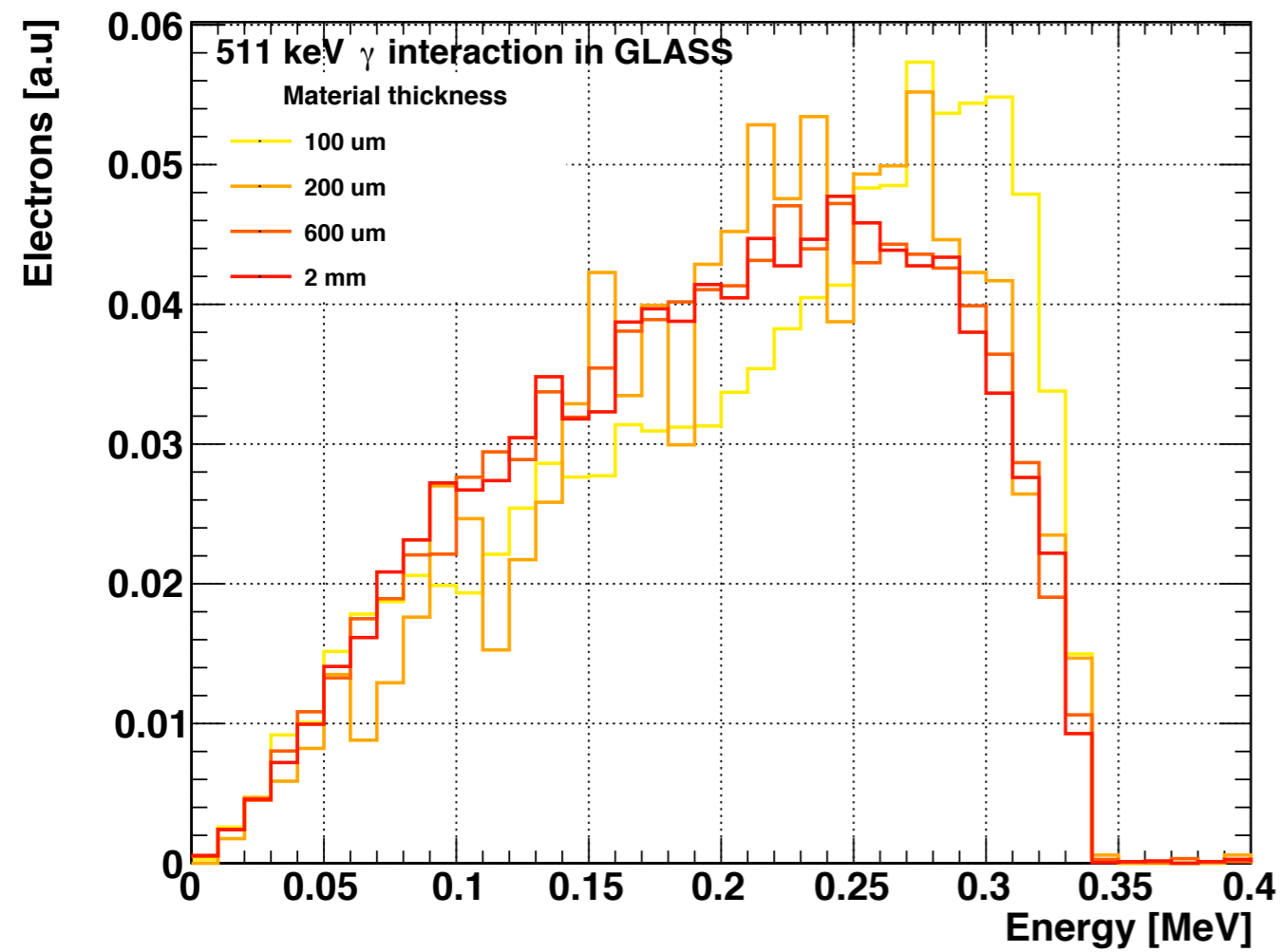
# FR4 Electron energy



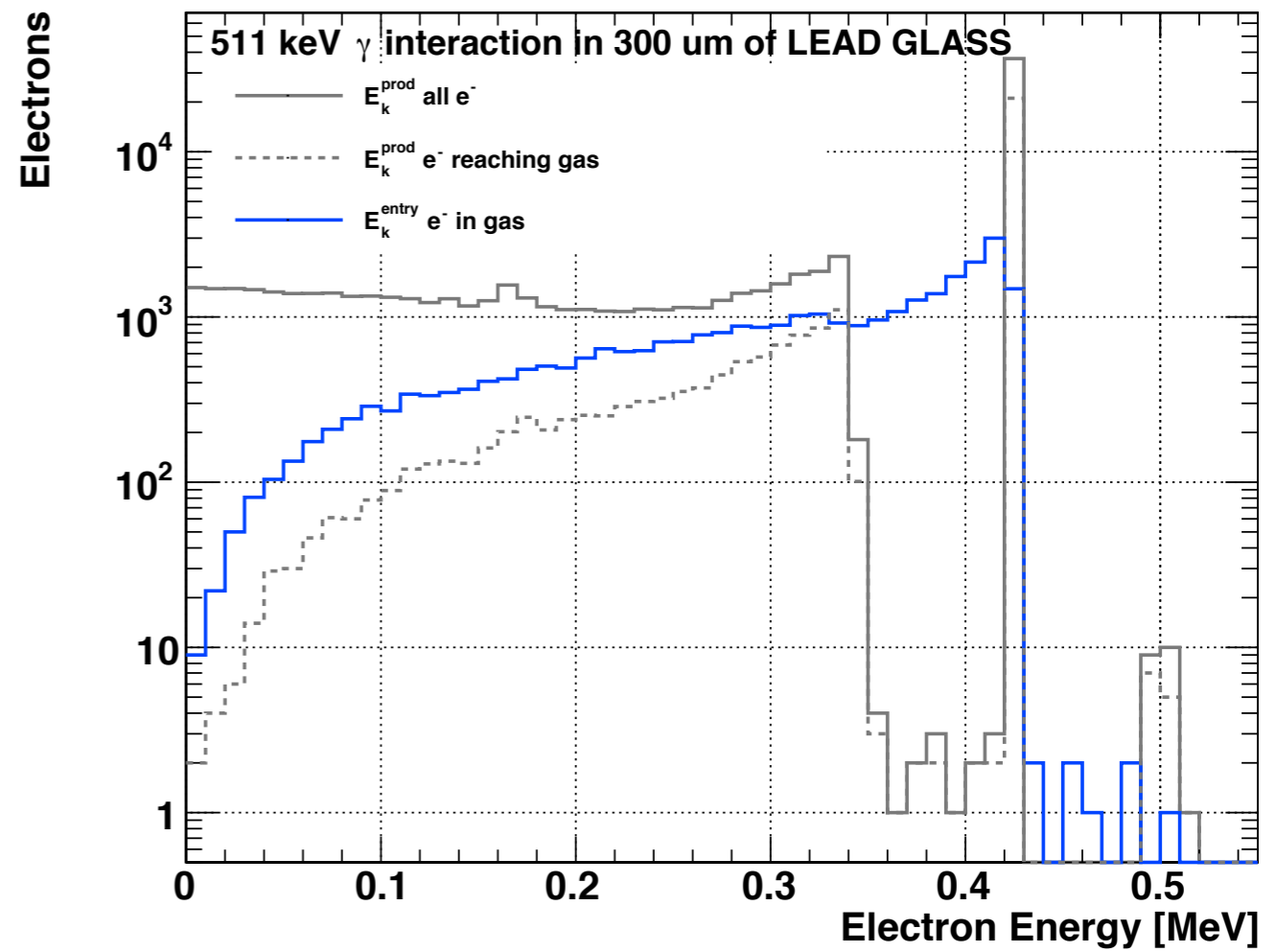
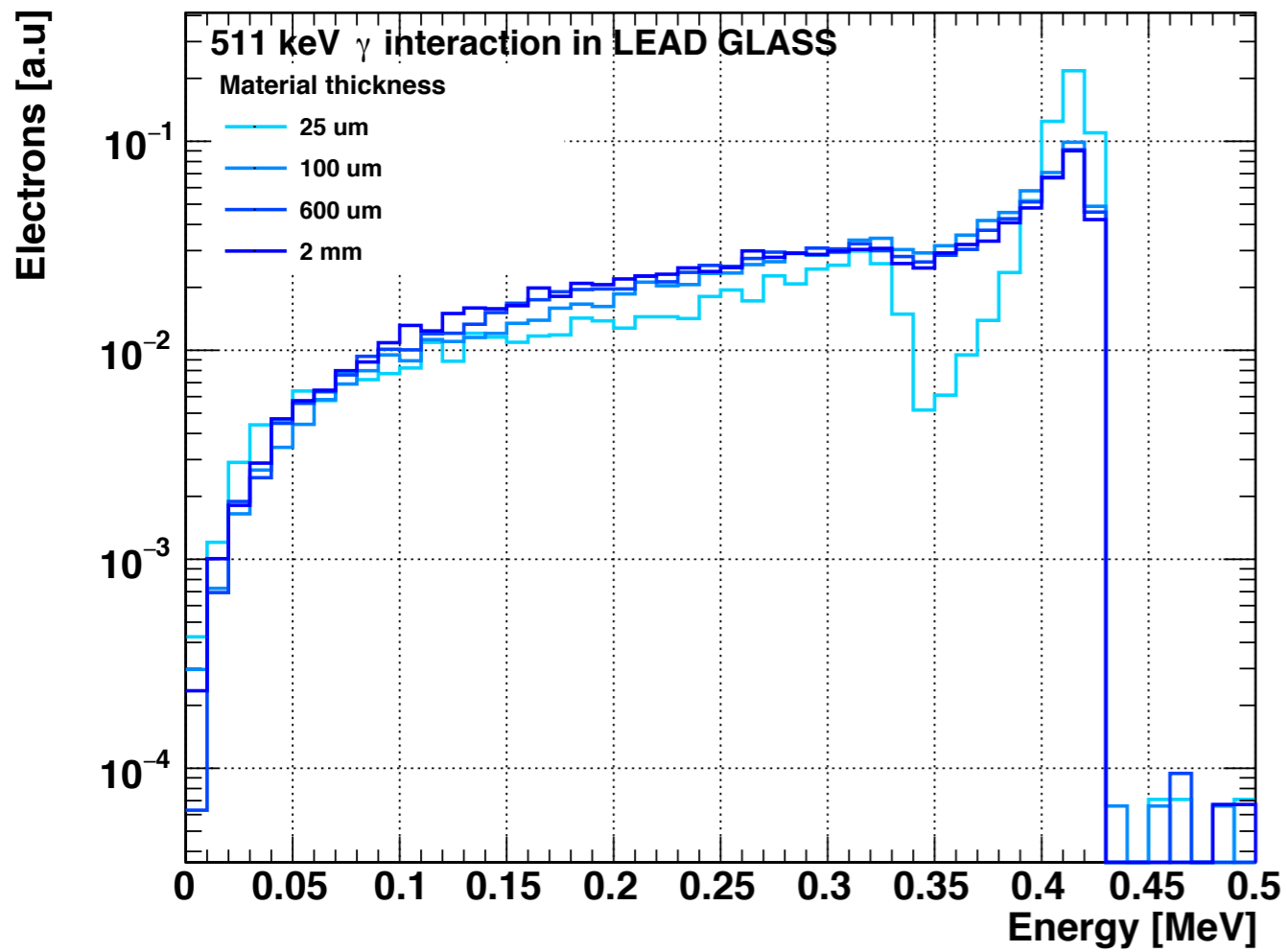
# KAPTON Electron energy



# GLASS Electron energy



# LAD GLASS Electron energy

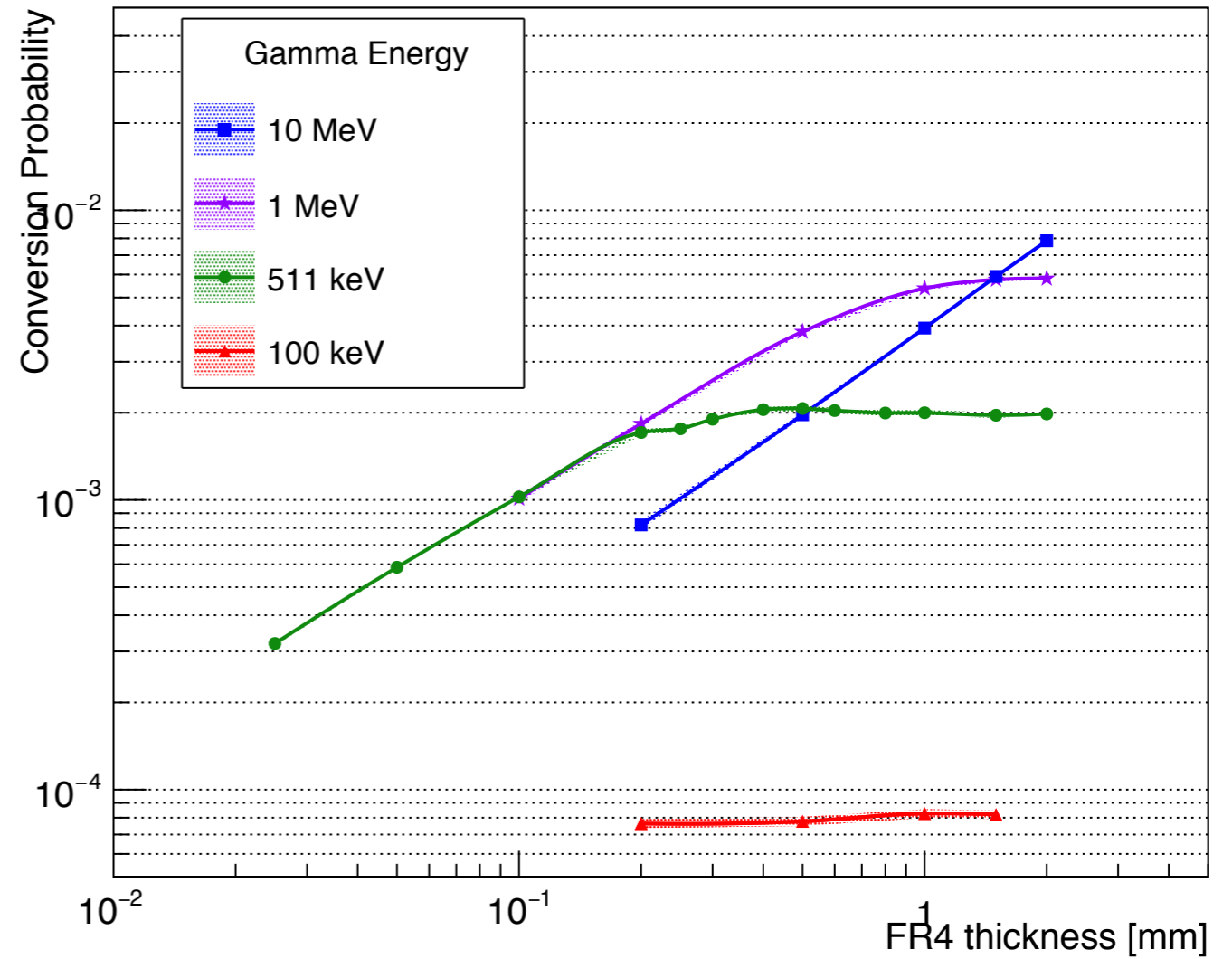
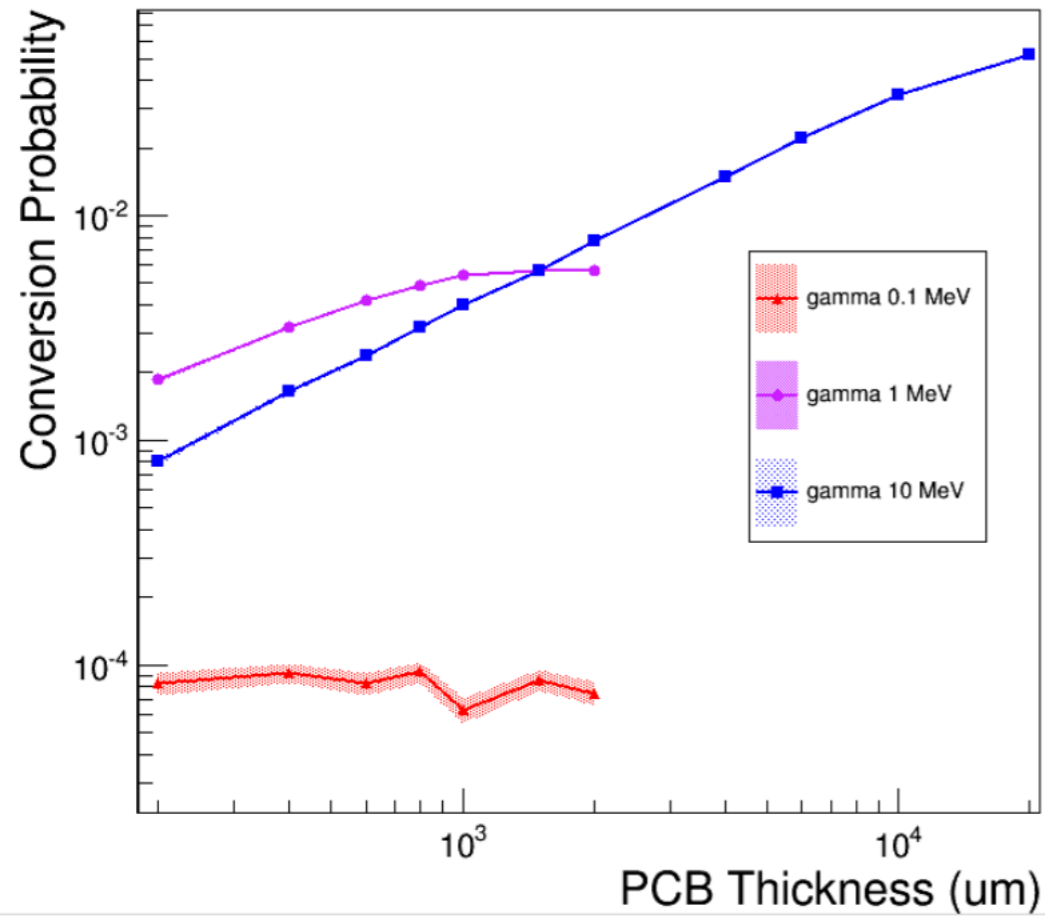


Backup



# Code Validation

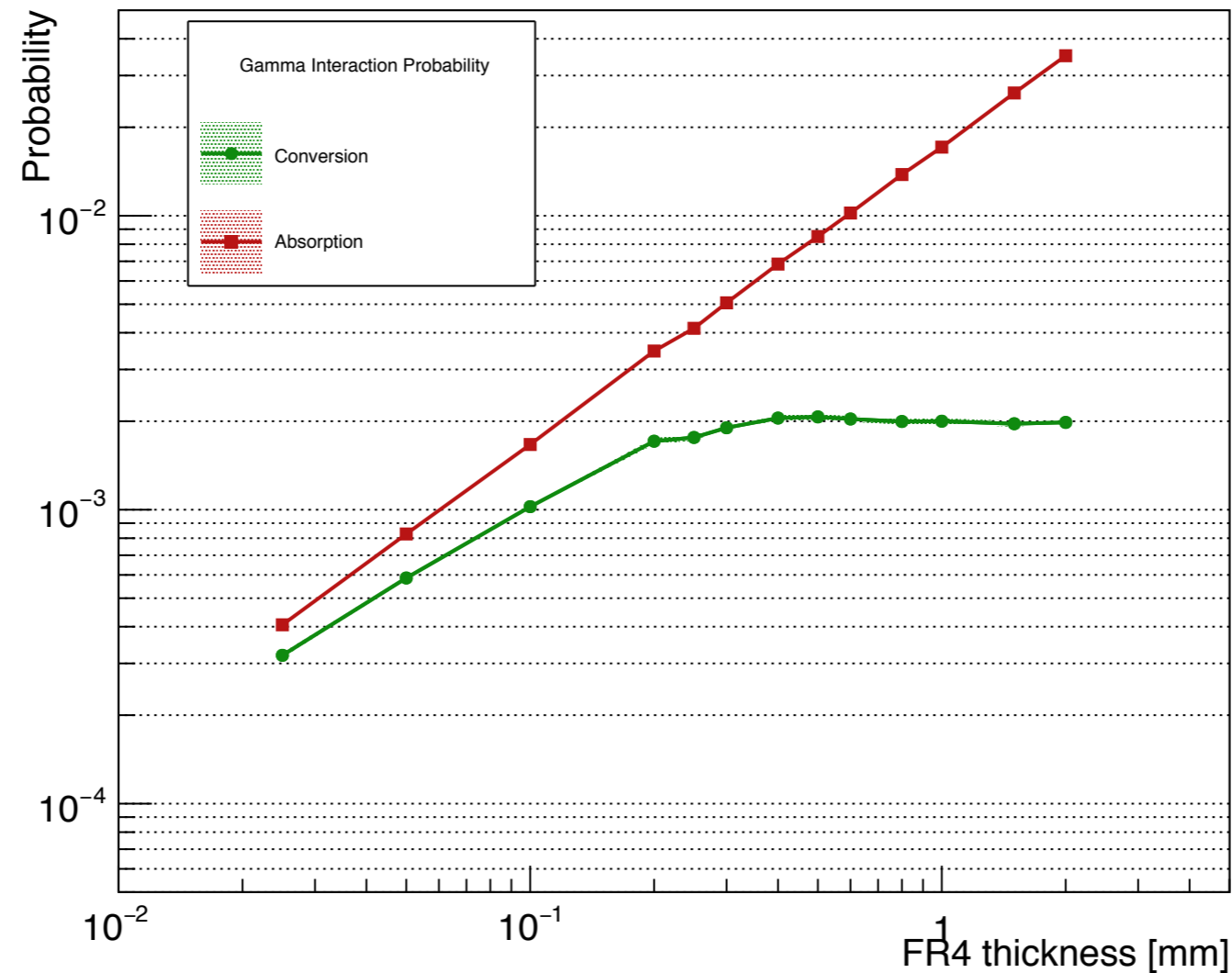
Alice



# Conversion and Absorption Prob.

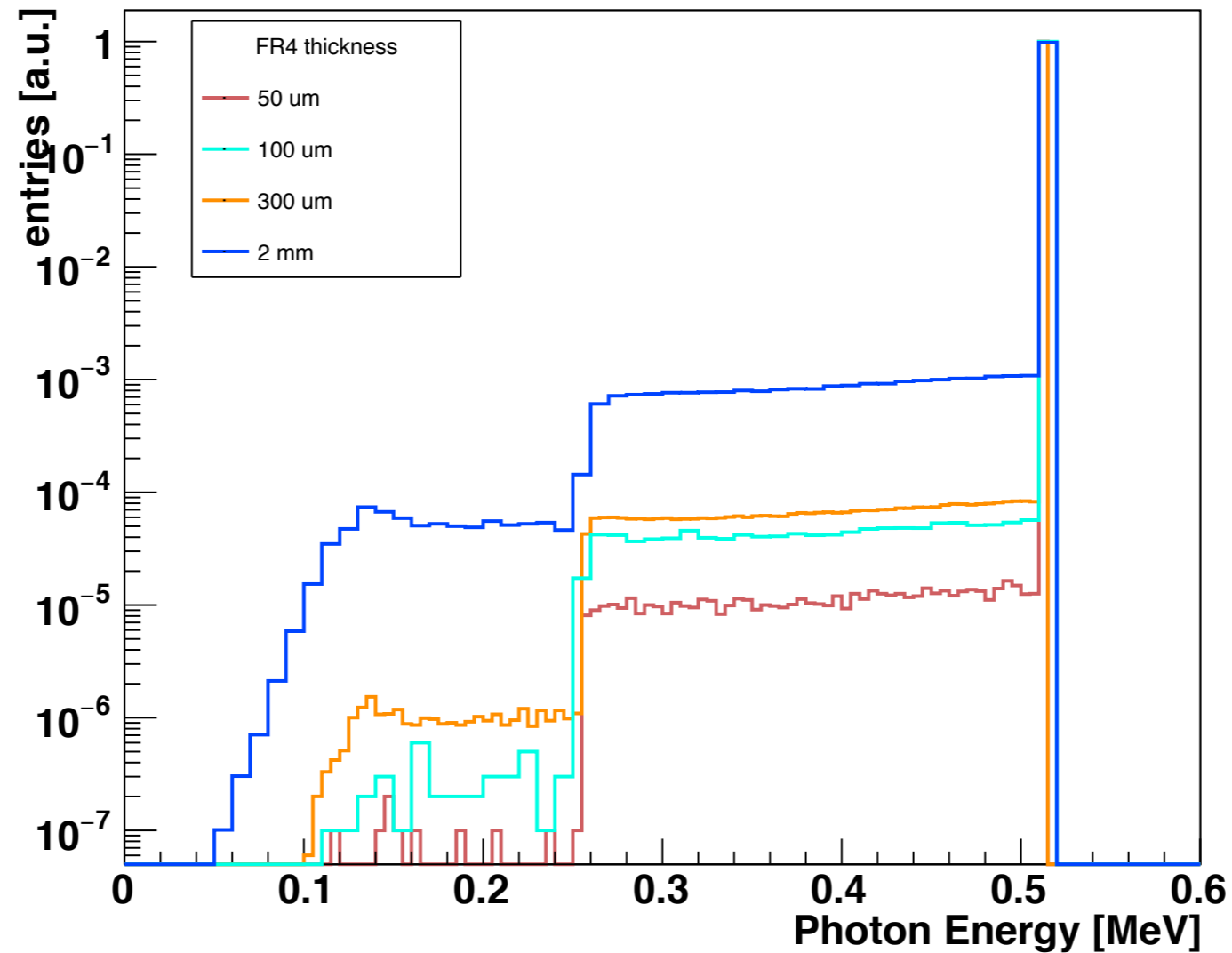
Conversion probability: prob of having an electron out coming from the FR4 layer

Absorption probability: prob that a 511 keV photon interacts in FR4 layer producing secondary particles



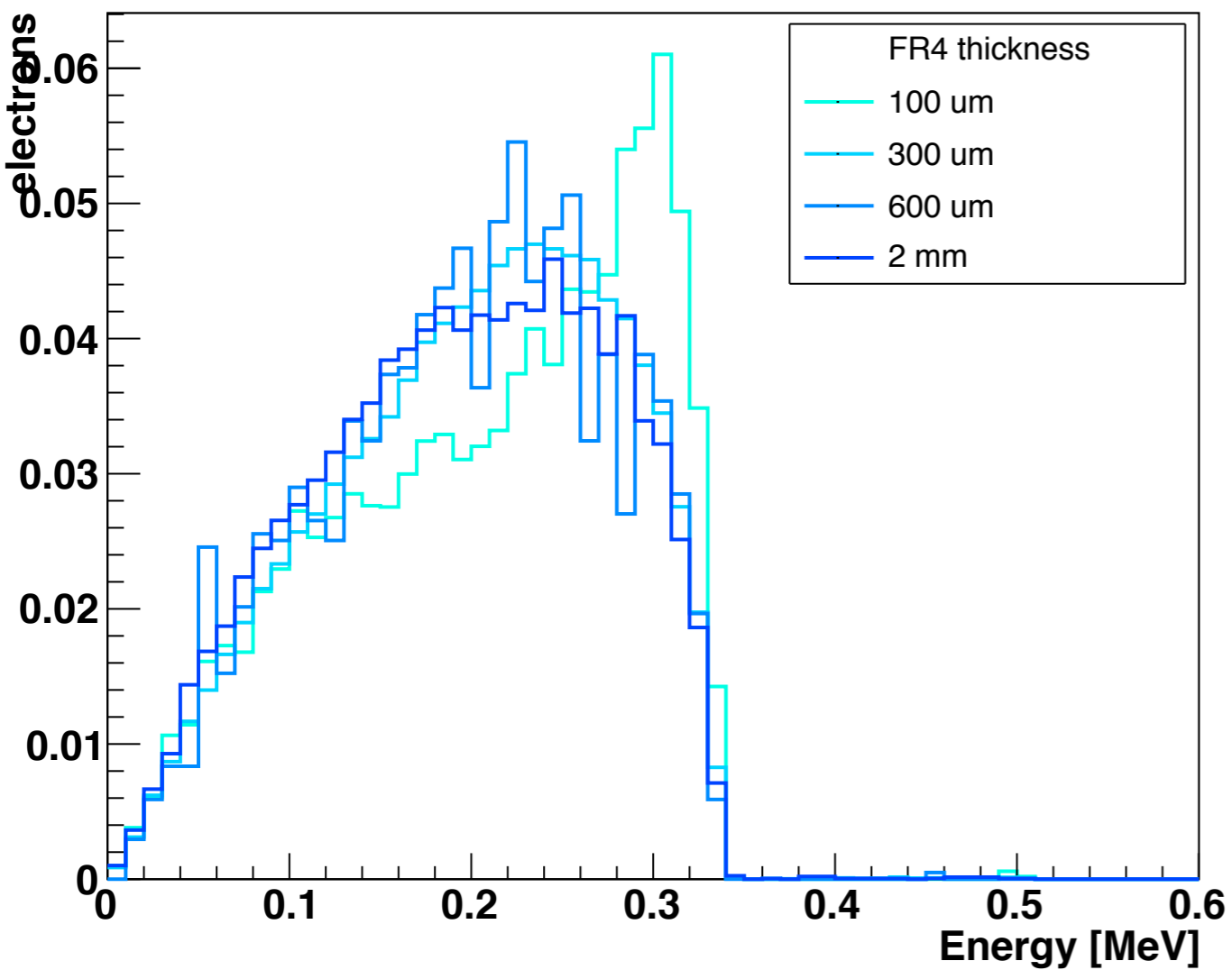
# Photon energy

Energy of the photon after passing a FR4 layer.  
The initial energy of the photon was 511 keV



# Electron Energy

Energy of the electrons out coming from the FR4 layer



Energy of electrons generated in FR4 and after passing the FR4 layer

