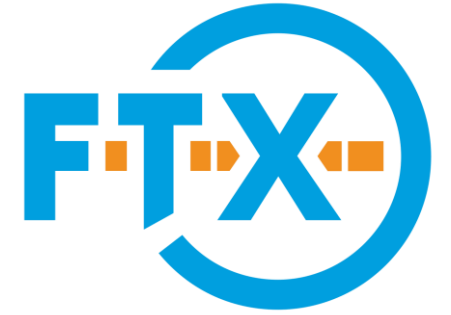


Setup Analysis with Different Materials



Atanu Debnath

09.05.2025

LUXE DESY Meeting

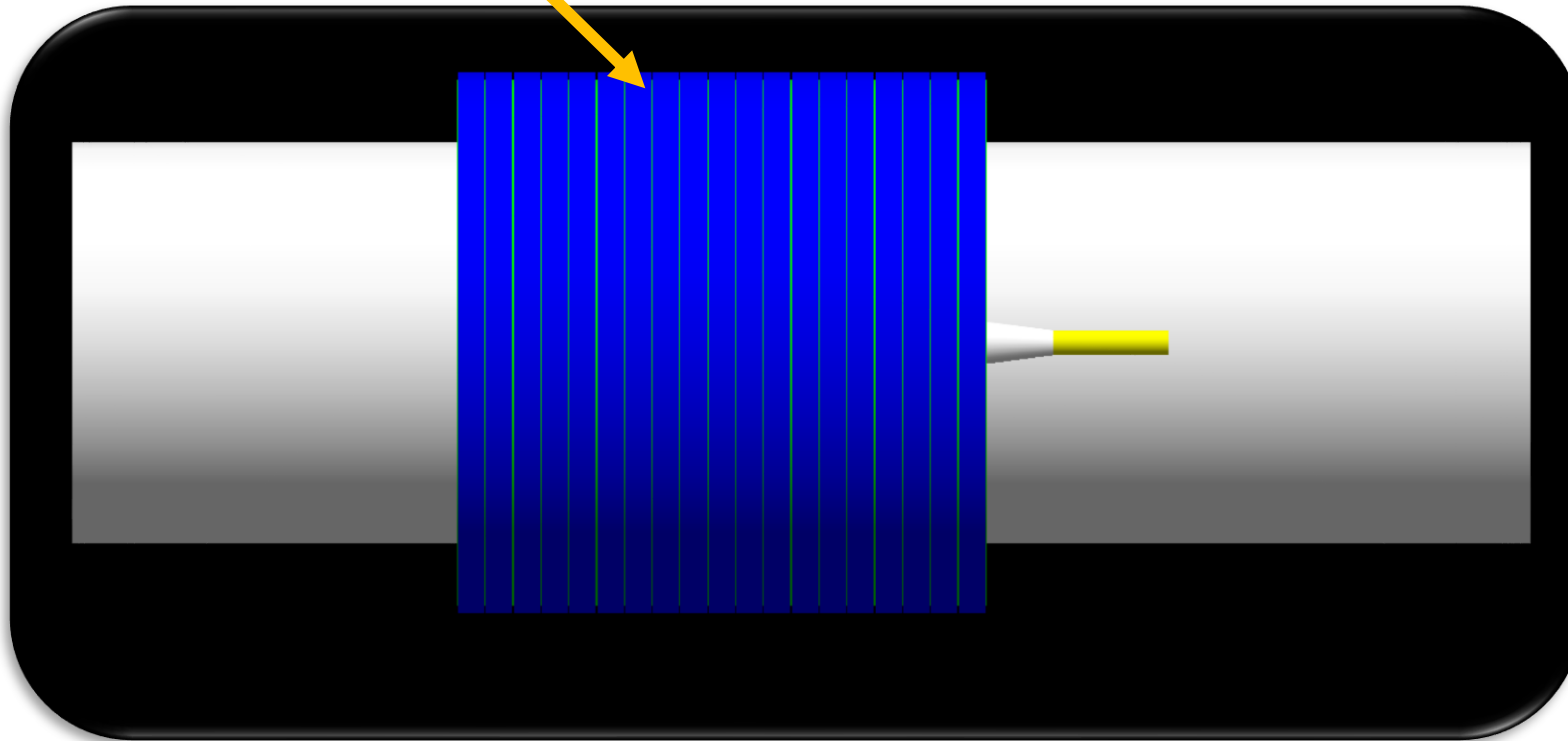
HELMHOLTZ



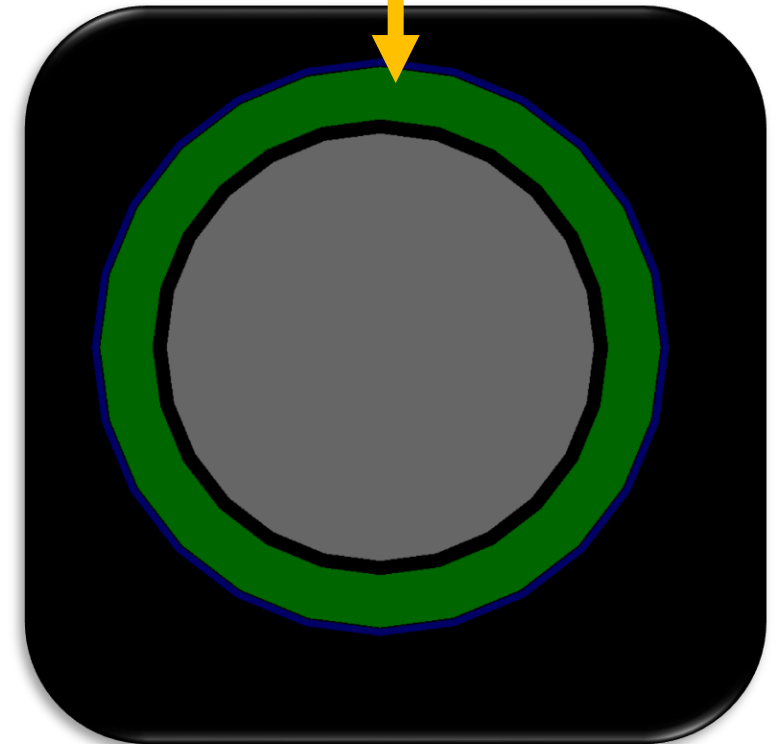
Experiment Setup_1

FlashForward Dump

- **LYSO**

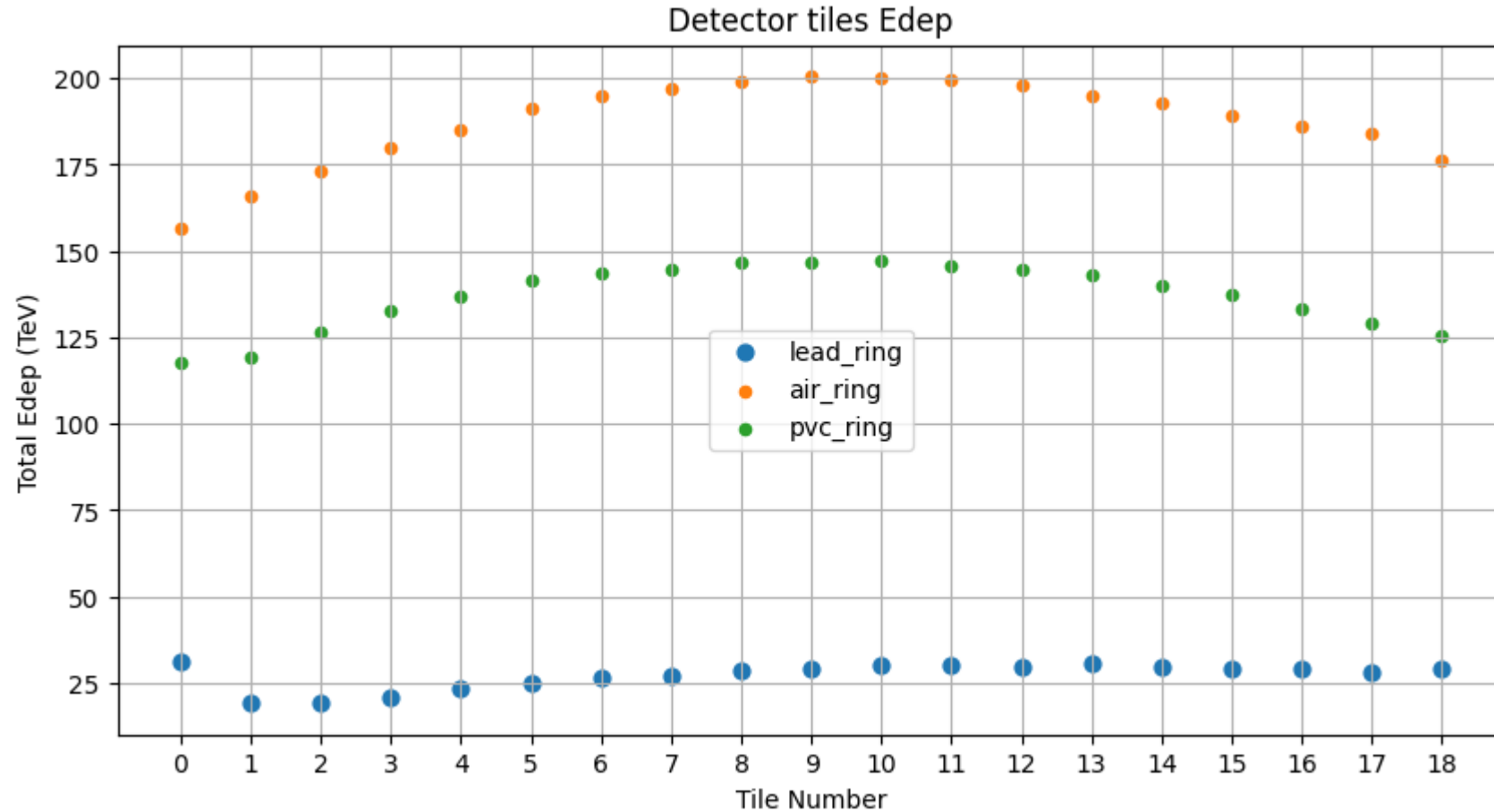


- **Lead**
- **Air**
- **PVC**



Total Energy deposition

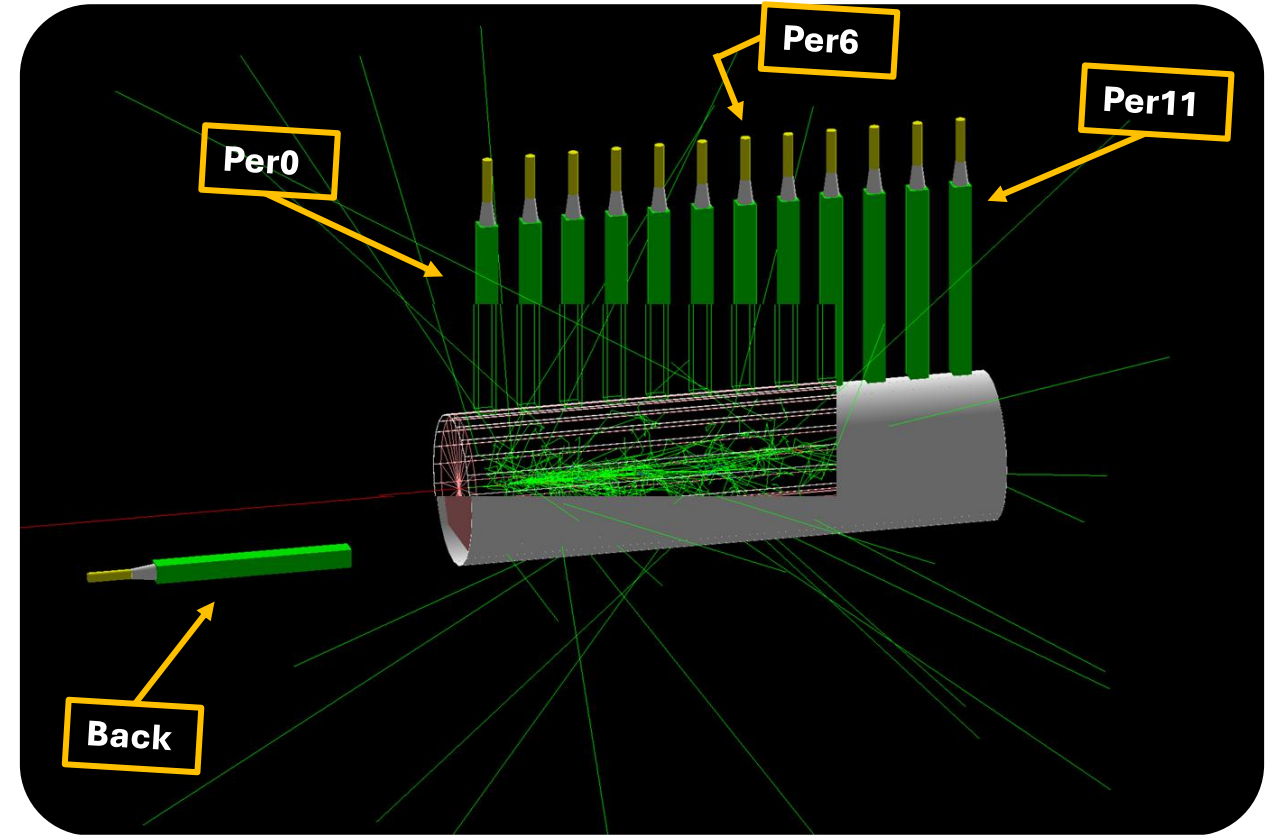
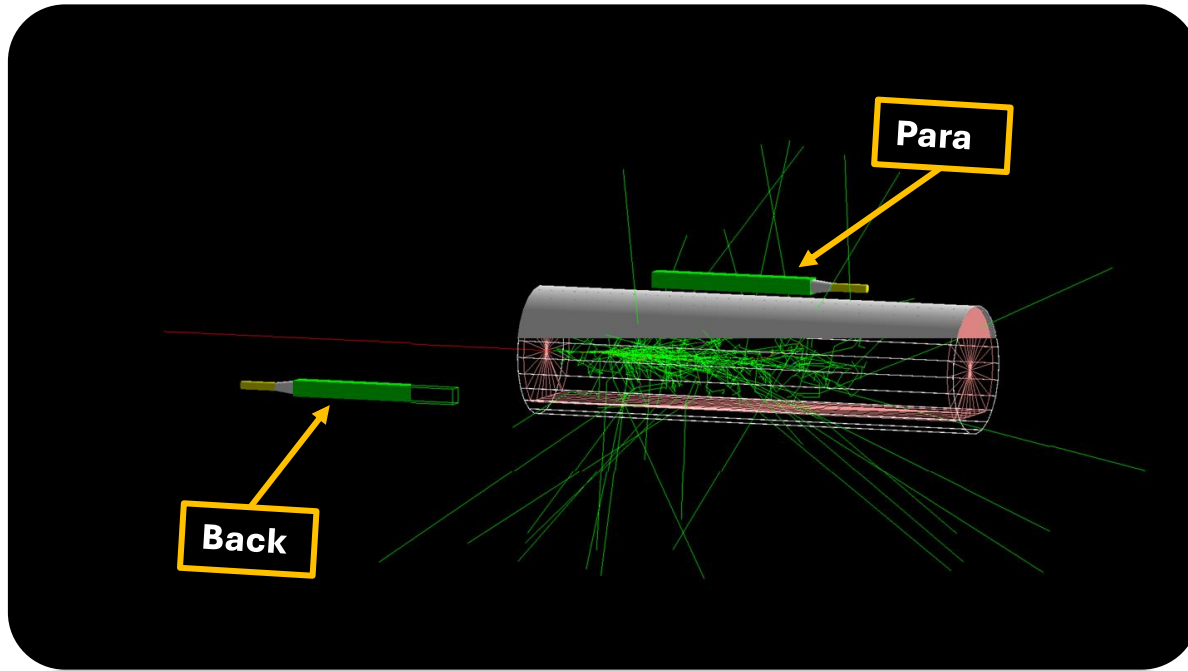
(LYSO: Lead Glass, Air, PVC)



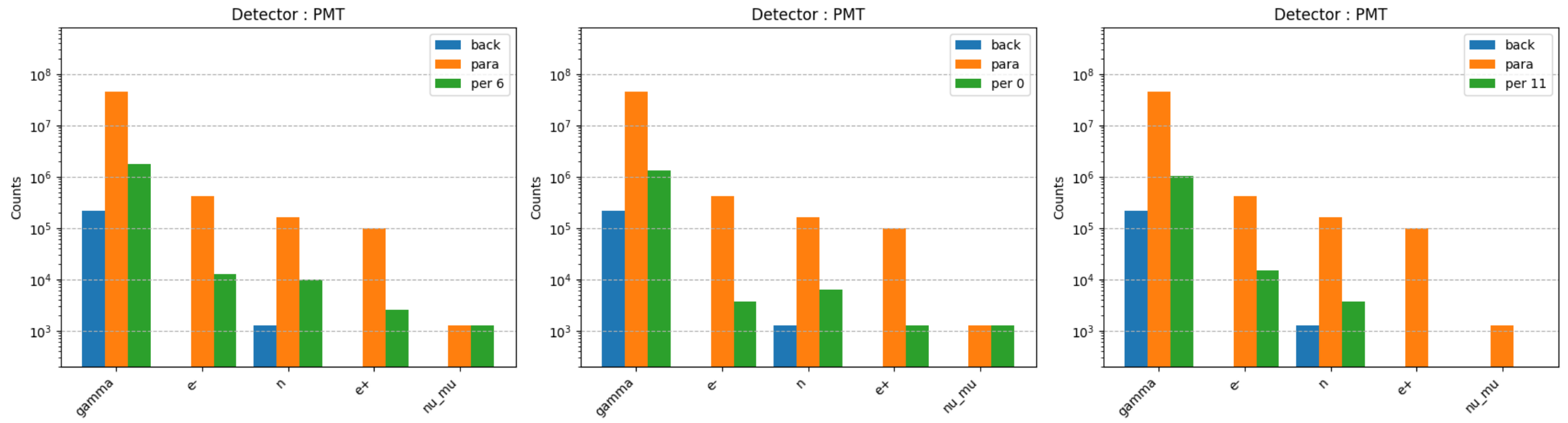
Note: This one is scaled and in TeV

Experiment Setup_2

FlashForward Dump

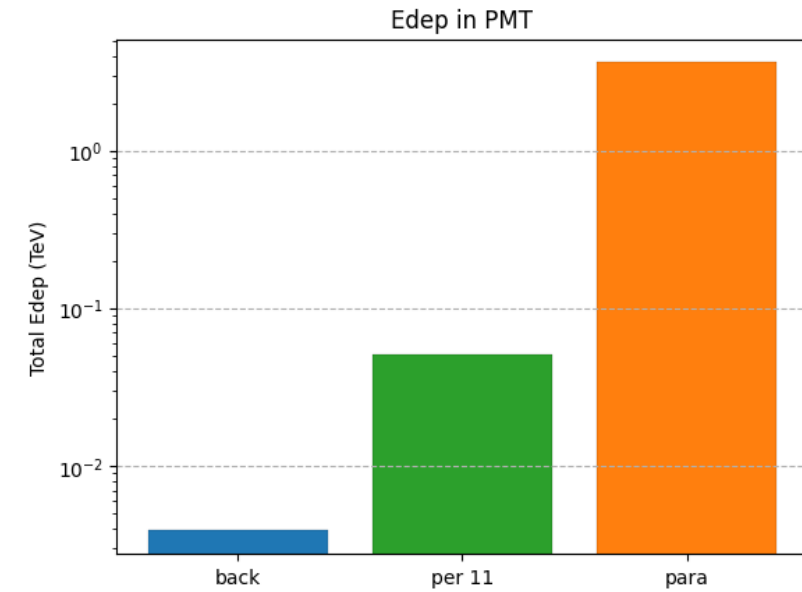
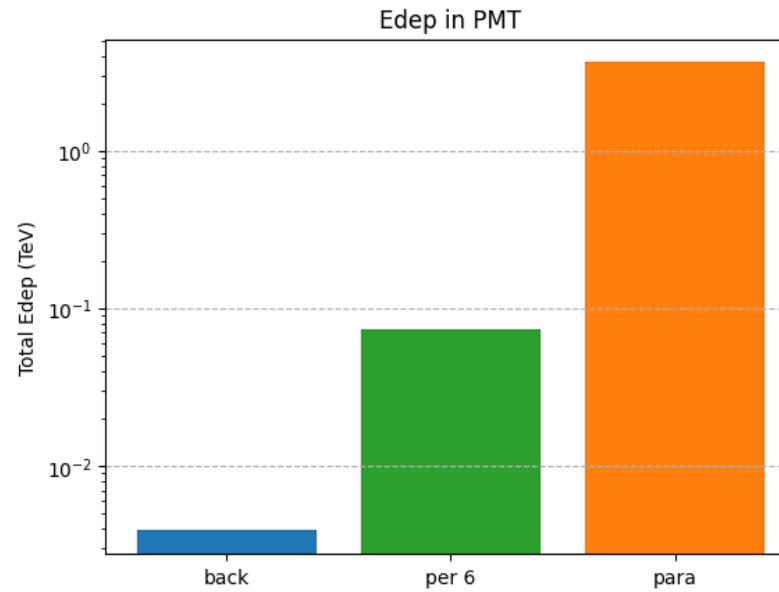
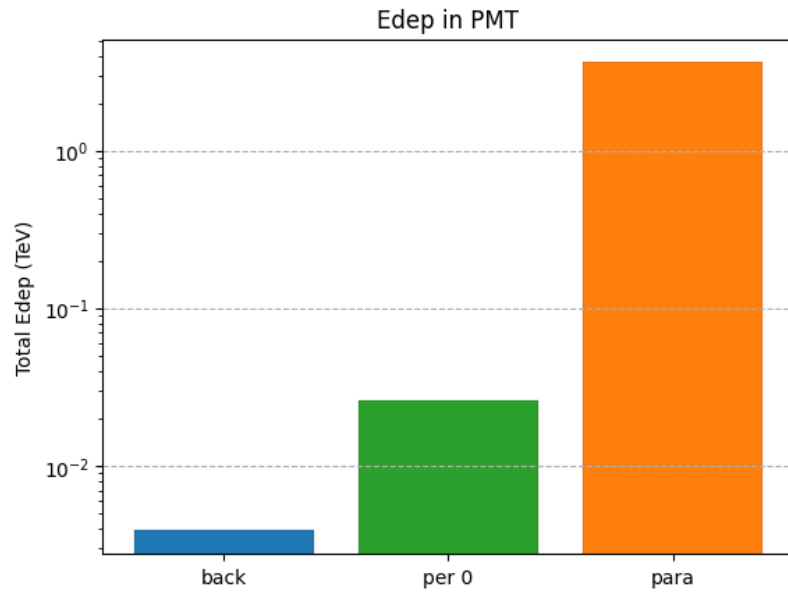


Particles in PMT

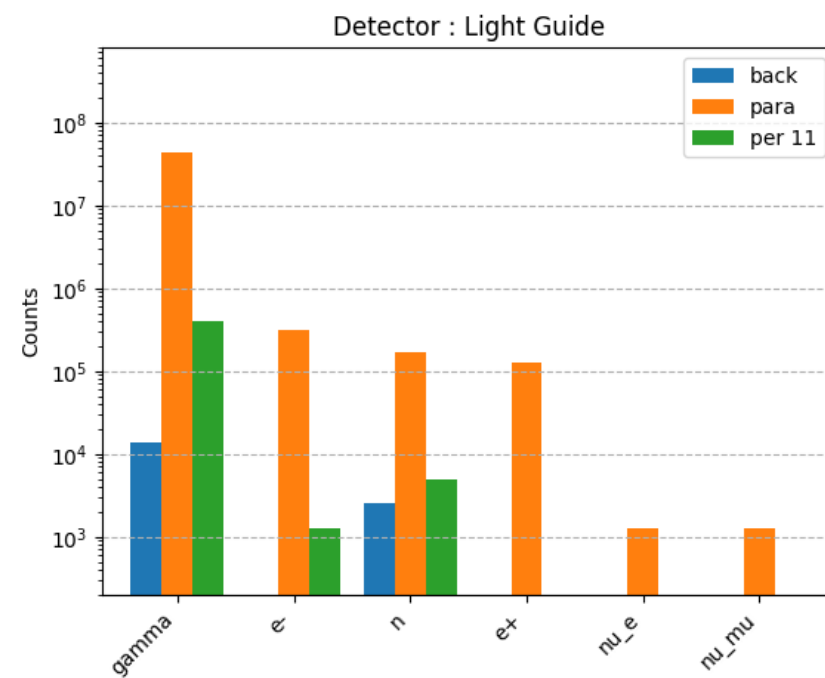
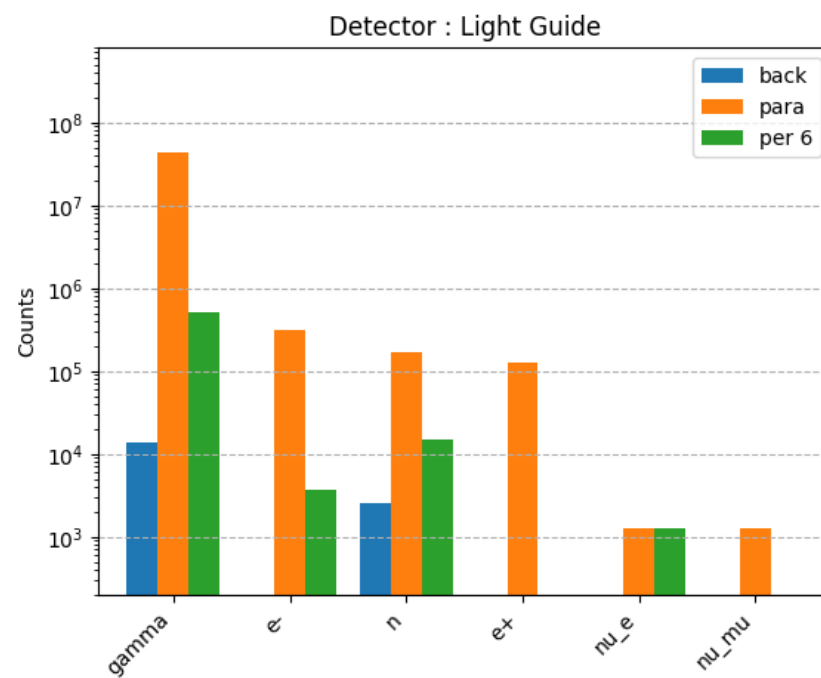
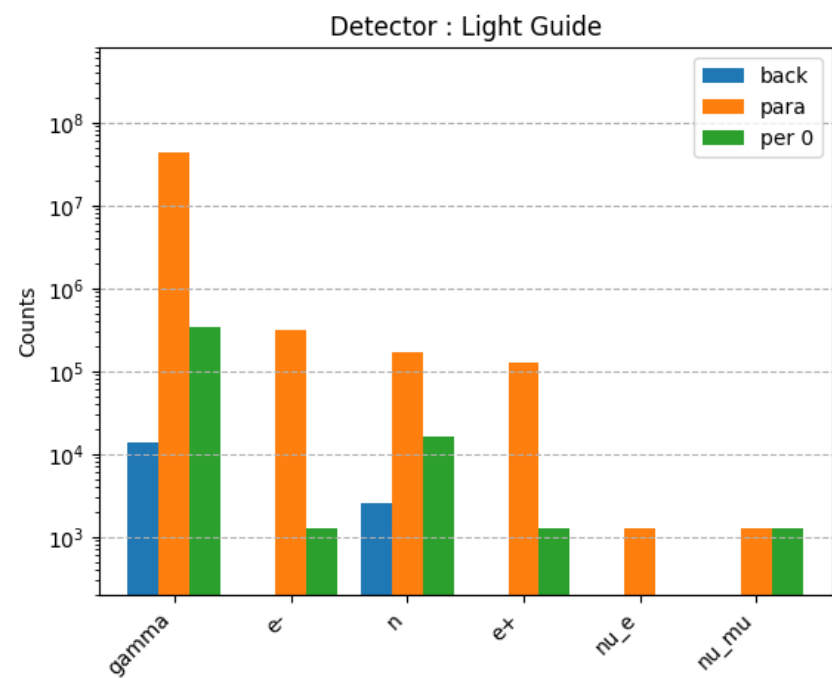


Energy Deposition

PMT

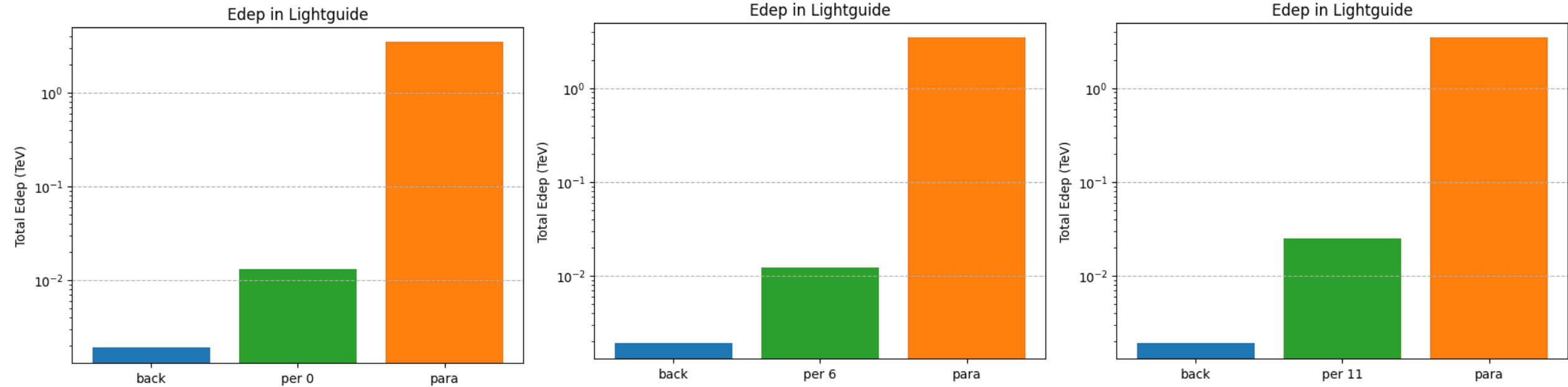


Particles in Lightguide



Energy Deposition

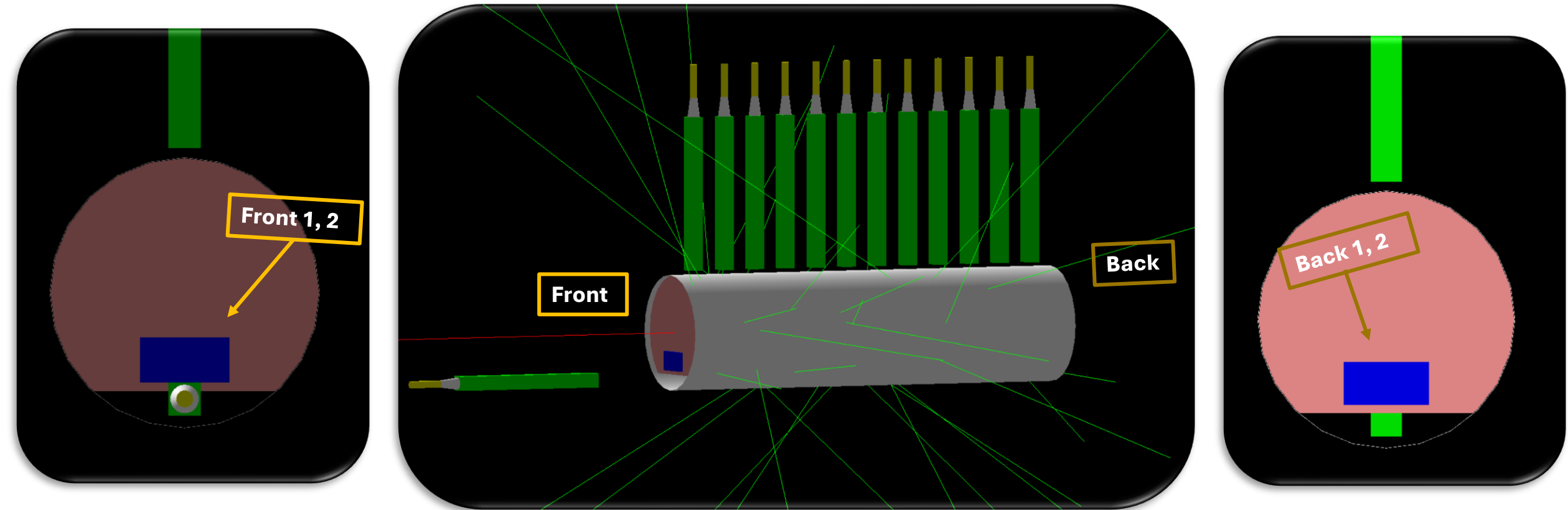
Lightguide



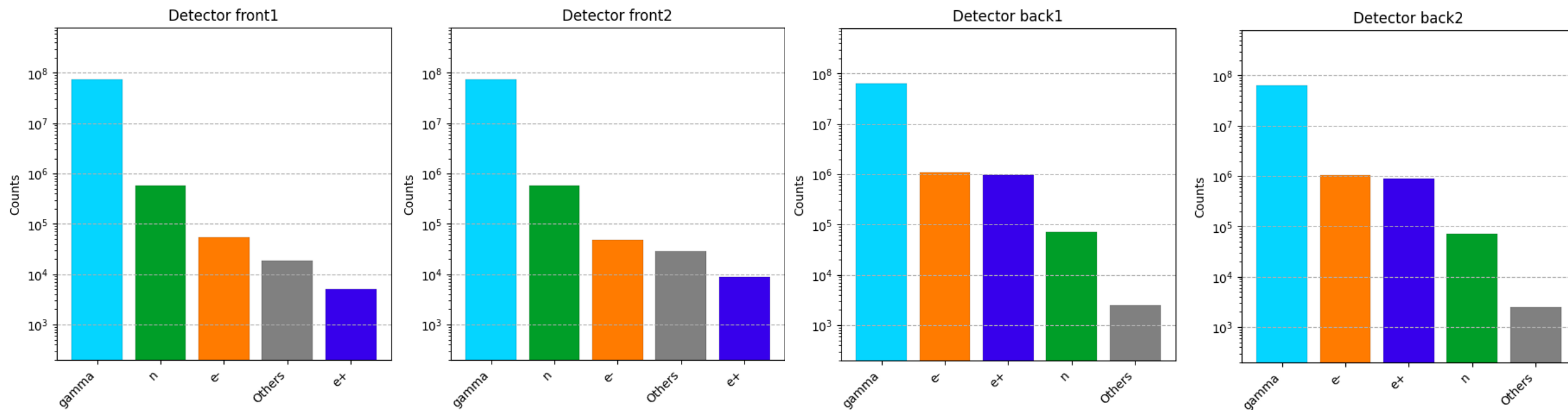
Experiment Setup_2

FlashForward Dump

Tiles: BC408



Particles in Tiles



Energy Deposition in Tiles

