

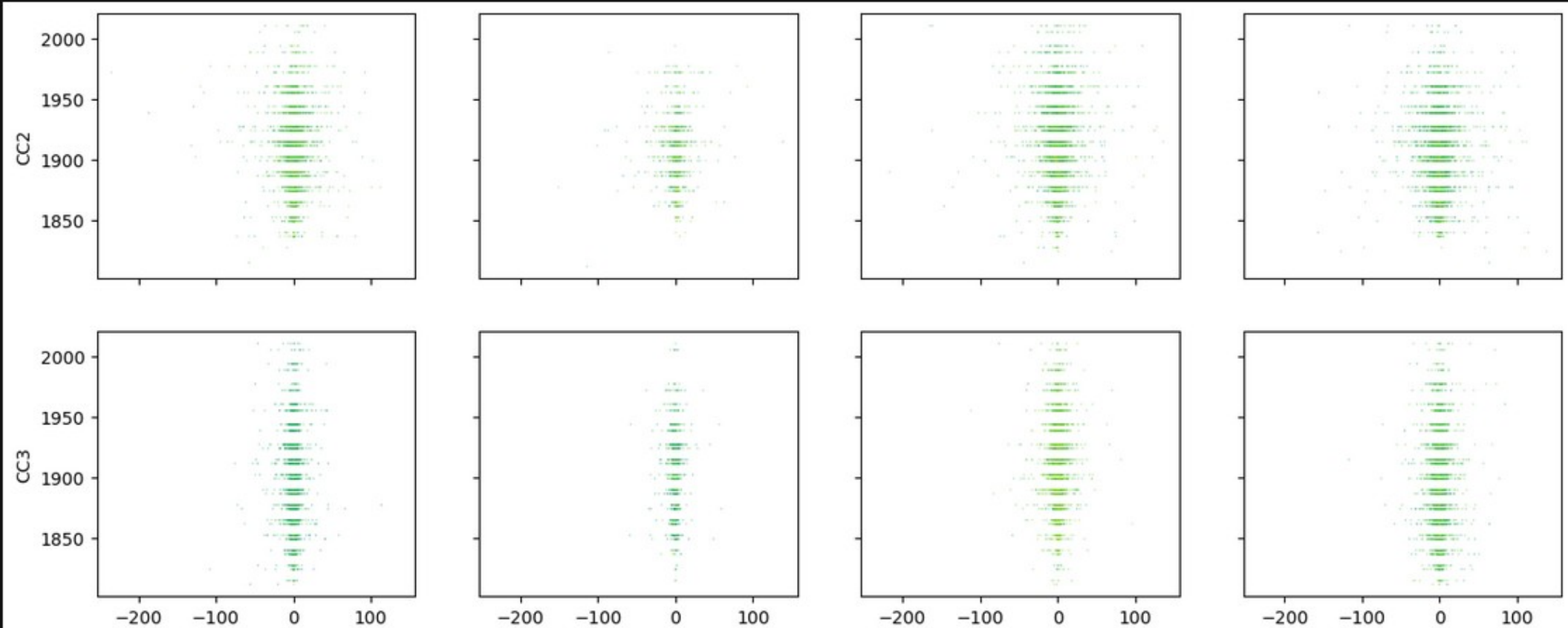
CC2 vs CC3



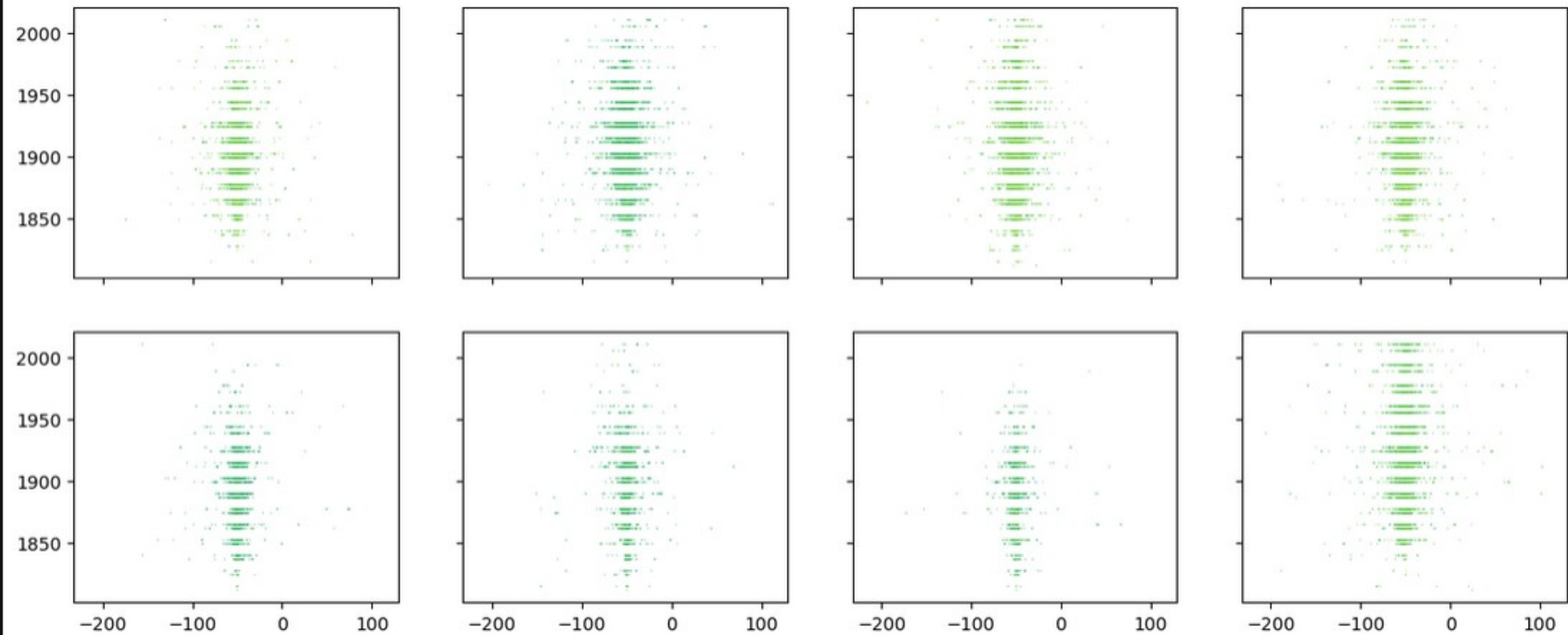
Setup

- All calculations done in python, no C++ embedding
- Conditioning values correspond to
 - Photons between 0 and 100 MeV going straight up (90 eta 90 phi)
- G4 reference is for the conditioning values
 - With a real detector, not a regular detector
 - With the gun pulled back to make sure the first absorber is in use
- Models are
 - CC2 loaded from save files used for CC2 paper
 - CC3 distilled reduced diffusion model + CC3 reduced showerflow

Samples

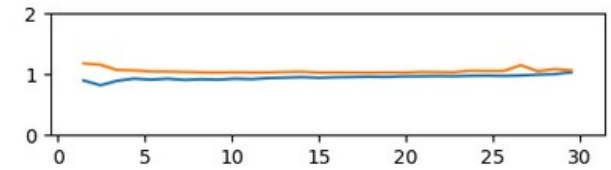
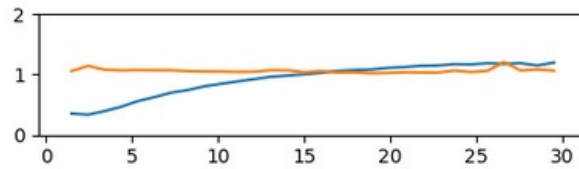
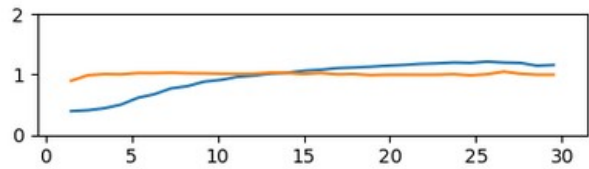
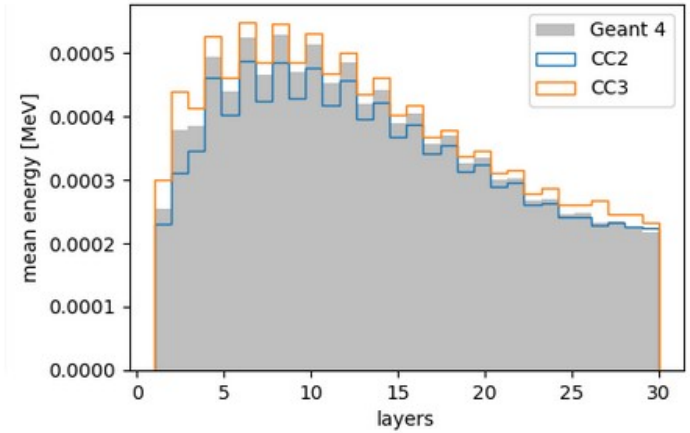
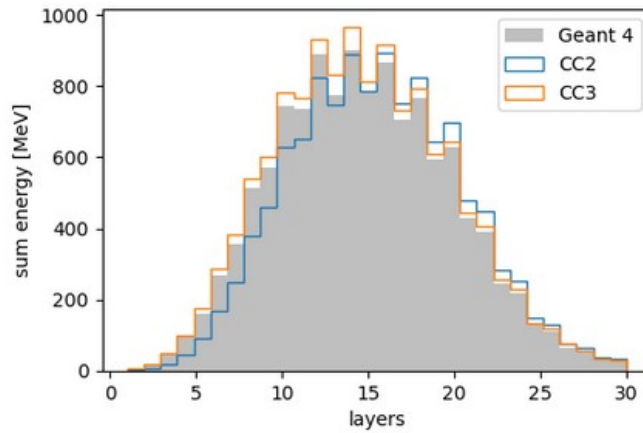
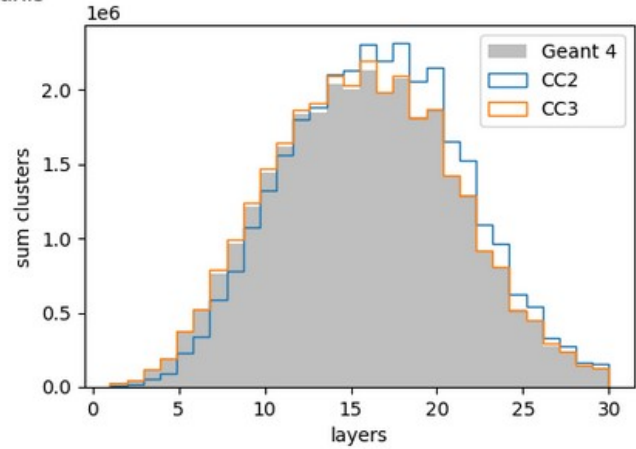


Samples -G4

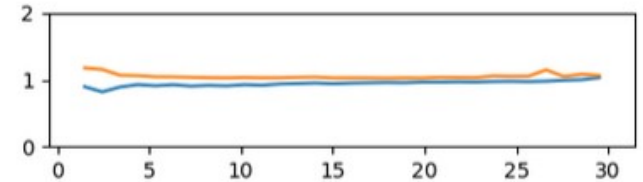
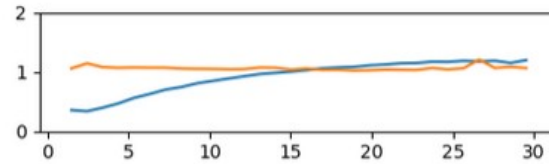
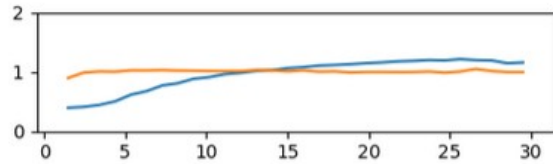
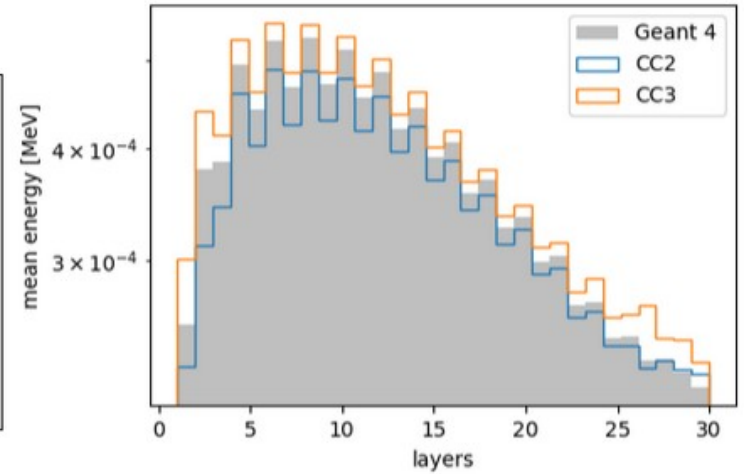
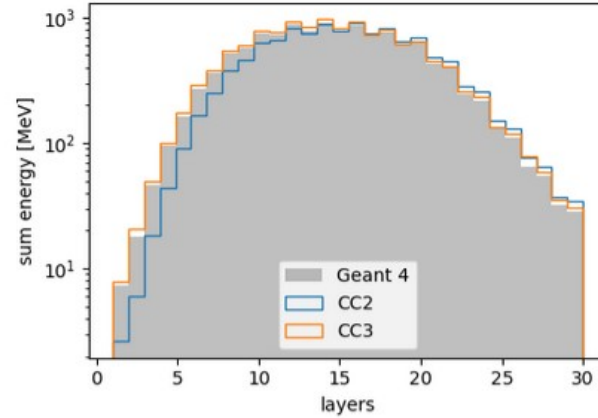
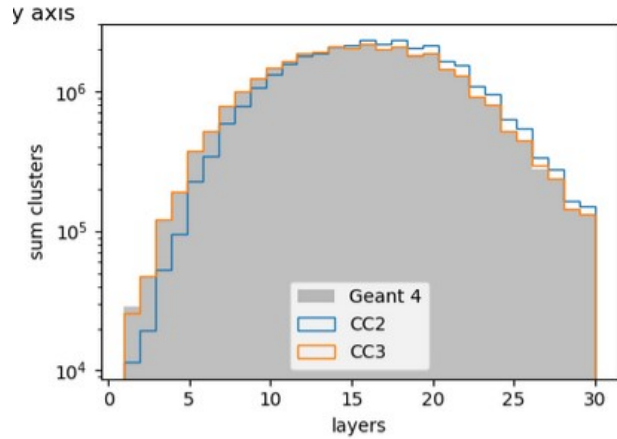


Layers

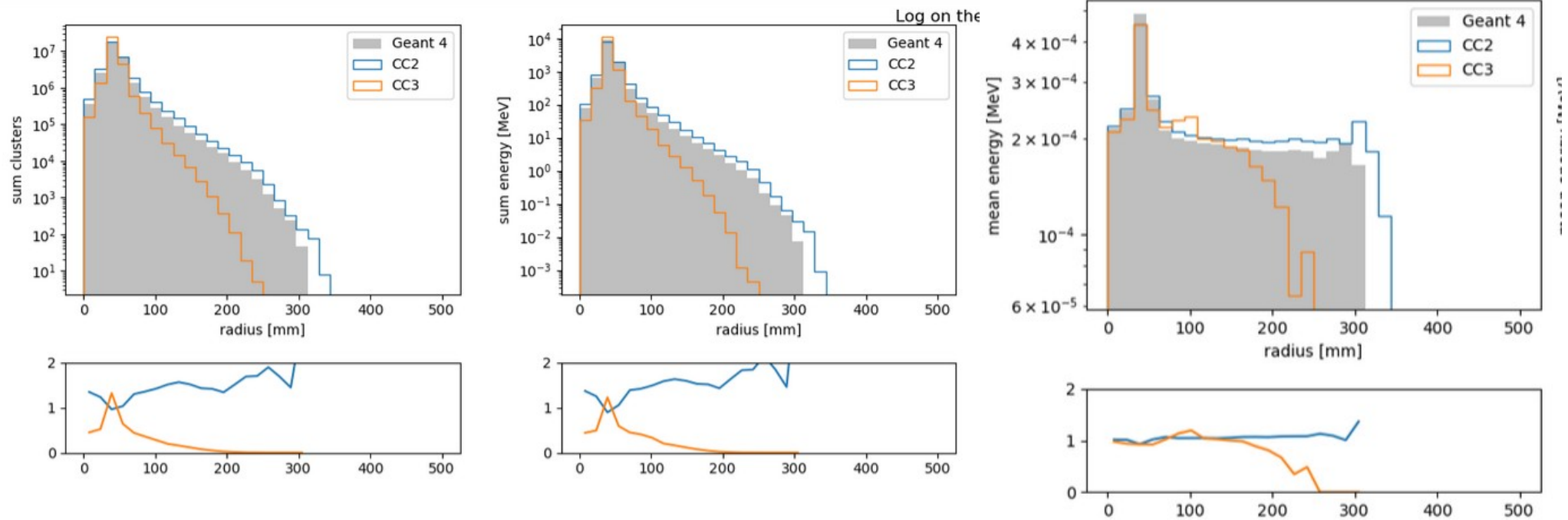
axis



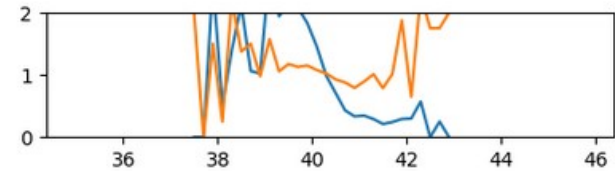
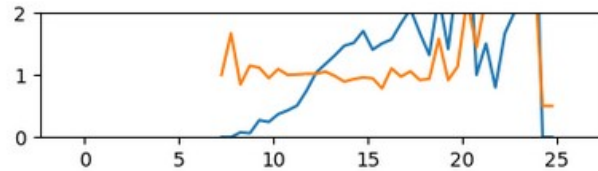
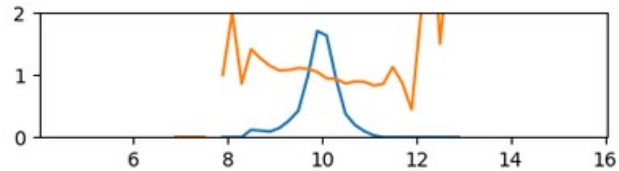
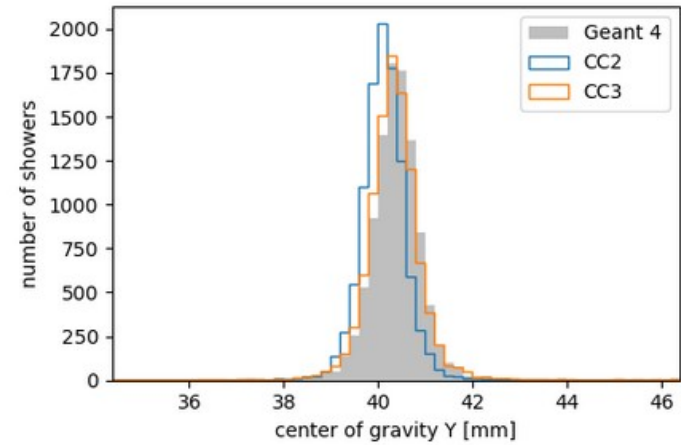
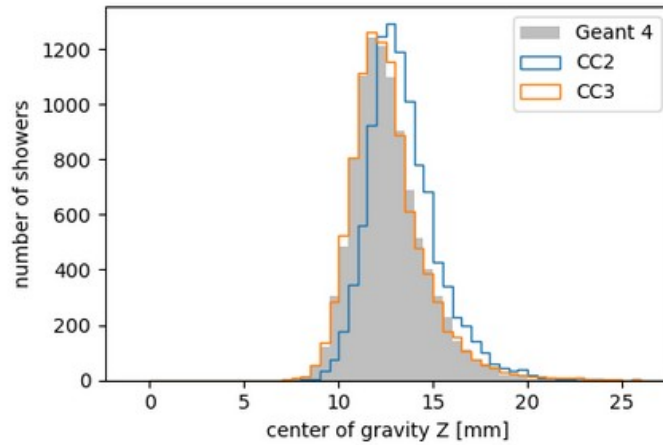
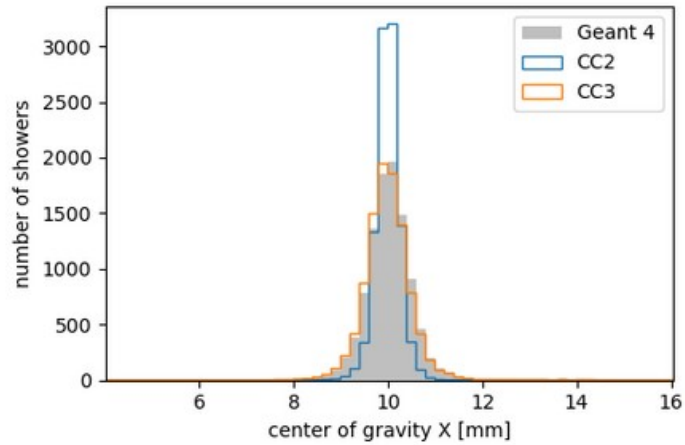
Layers



“radius”



CoG



CoG

