

# **Barrel Calorimeter SciGlass implementation**

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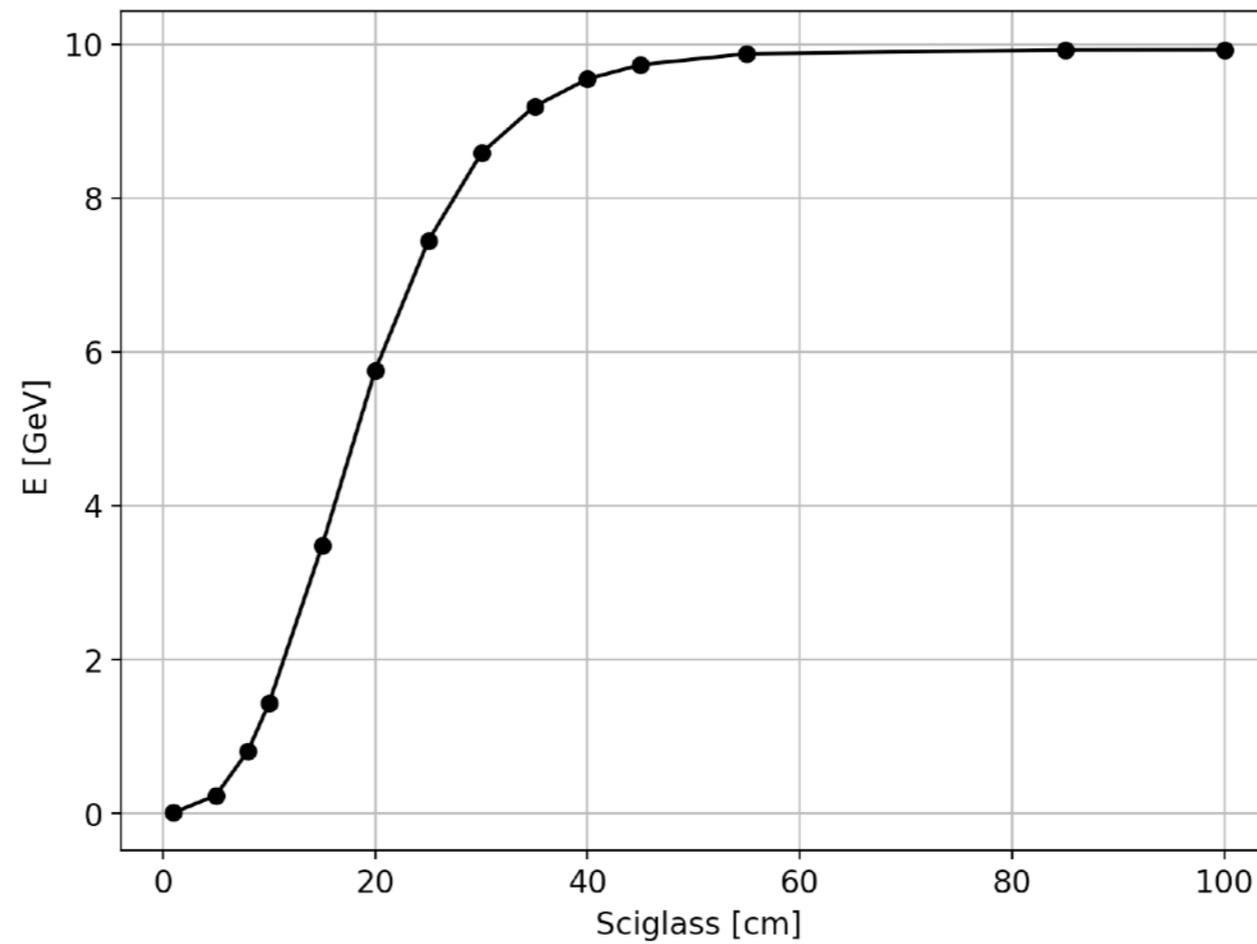
# Generating:

Simple Sample

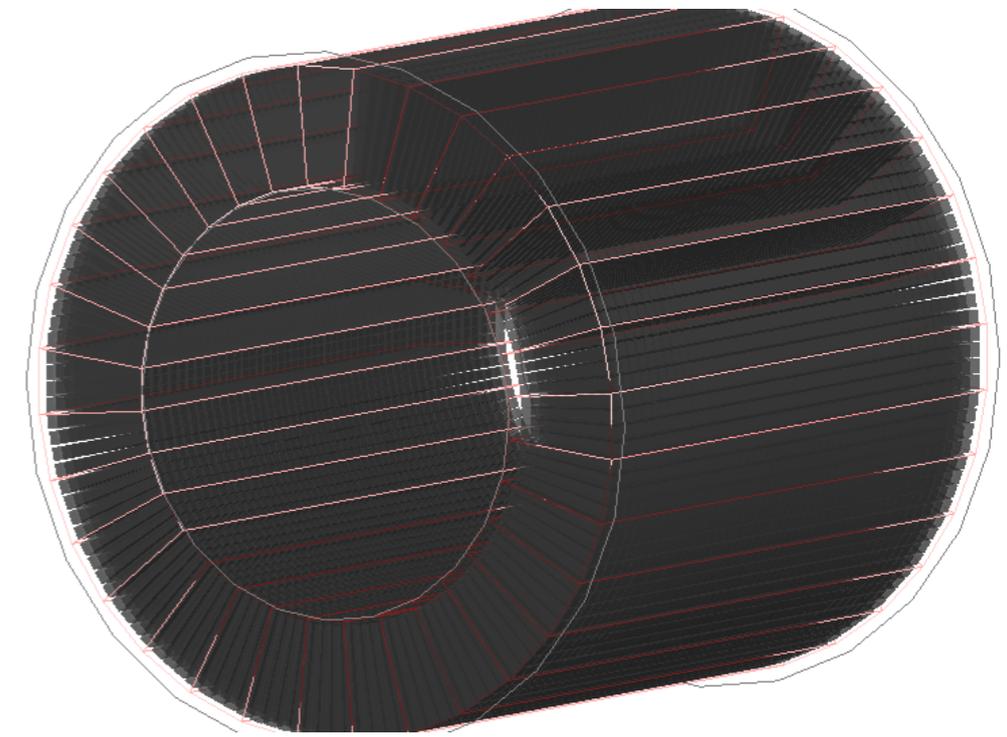
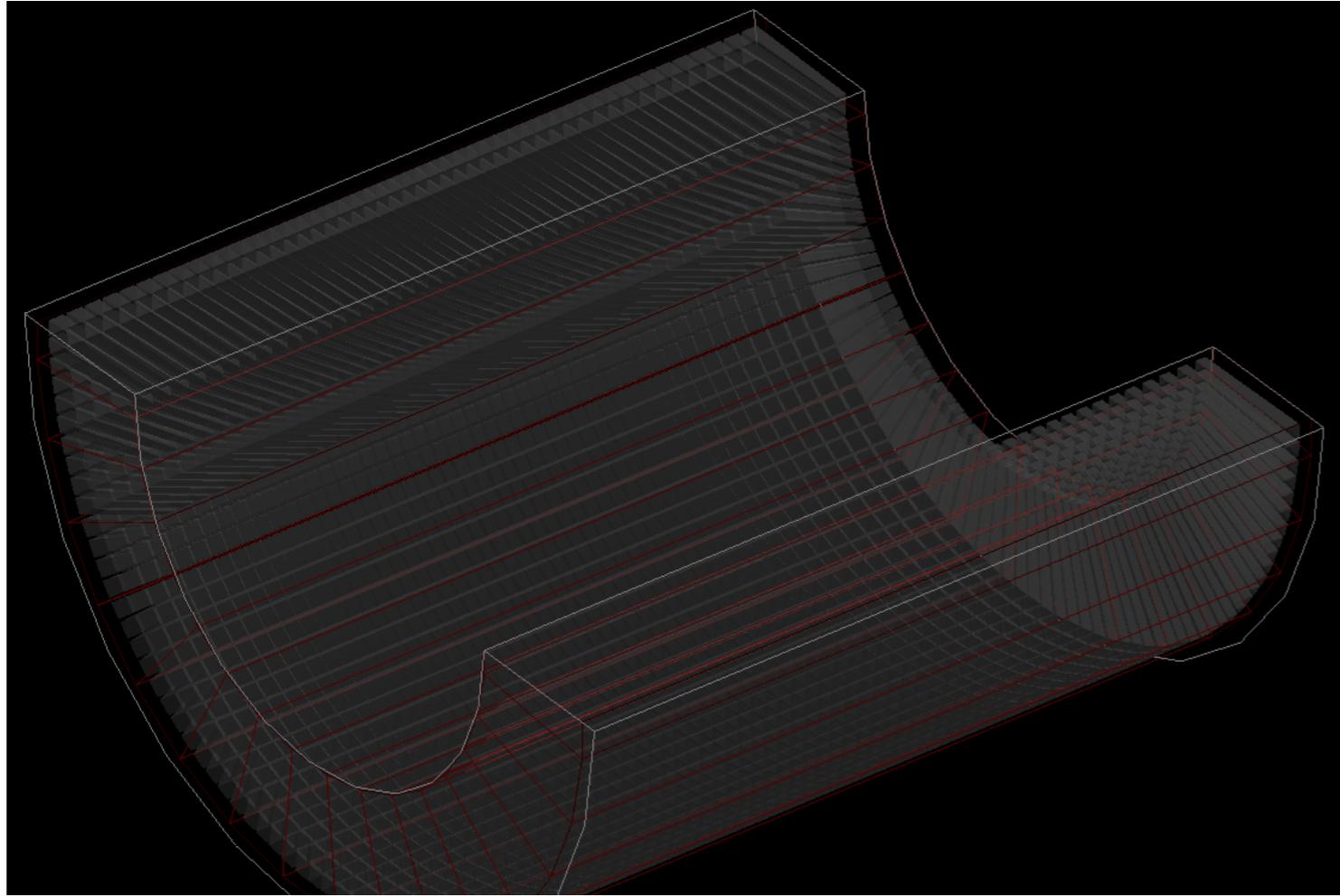
Electrons at 10 GeV

Eta Range (-0.2,0.2)

All other detectors and magnet are off

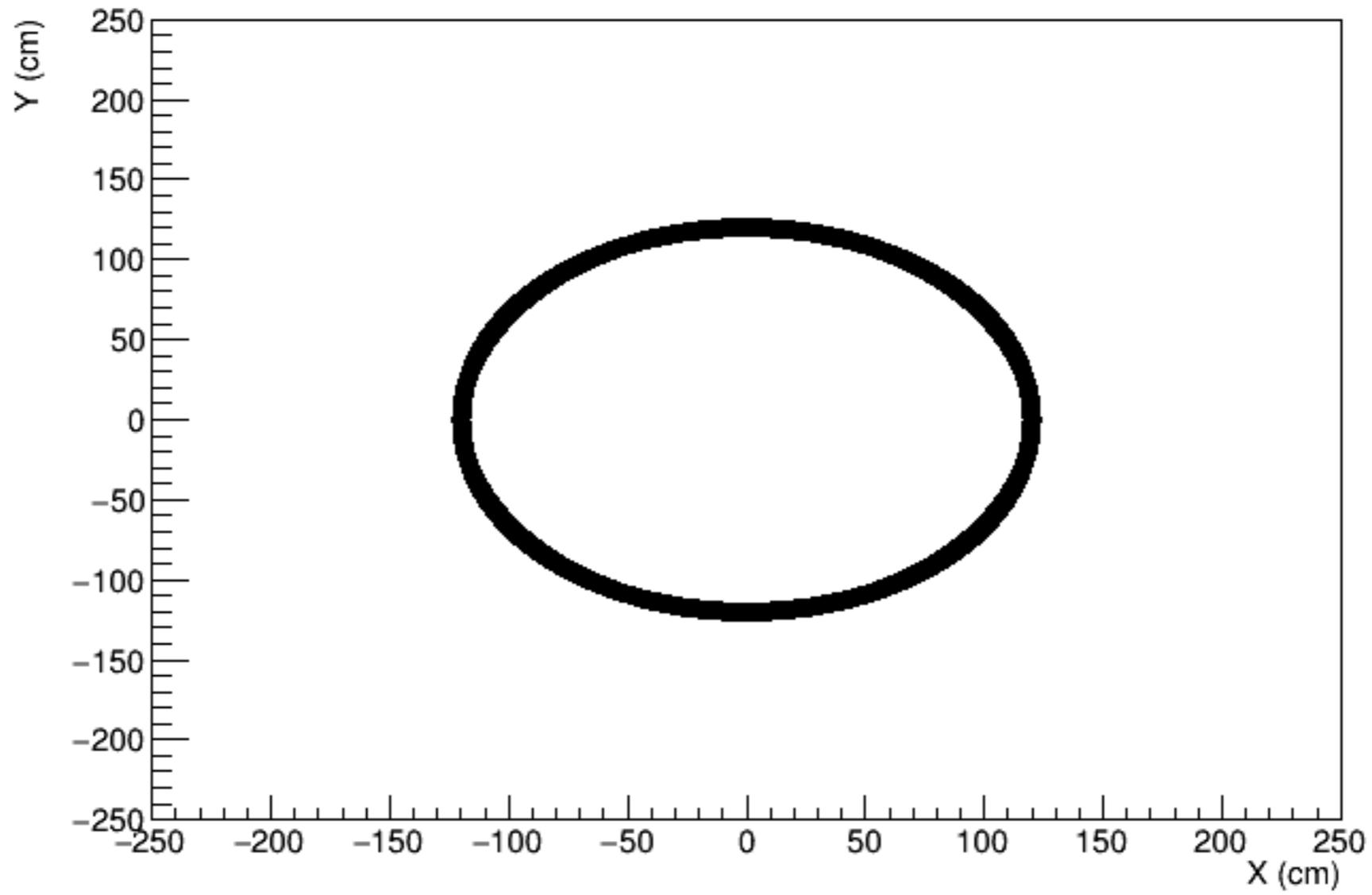


**From last time**

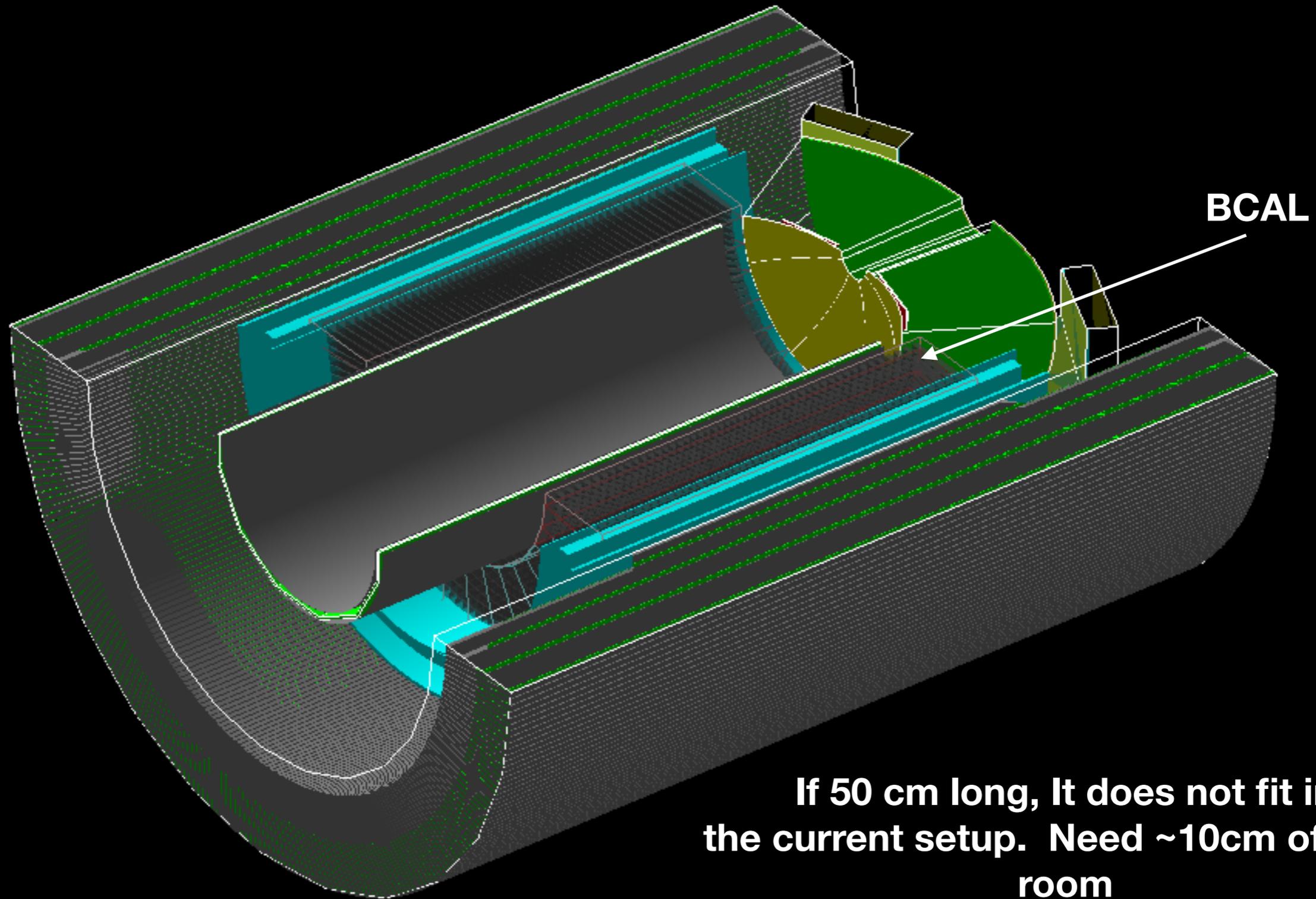


**Blocks:**  
**4x4 cm in the inner radius**  
**6x6 cm in the outer radius**  
**50 cm long**

### Geant4 Hit distribution



**Not reading energy yet.**



**BCAL**

**If 50 cm long, It does not fit in  
the current setup. Need ~10cm of more  
room**

## **Current Work:**

- \* Adding the detector in Fun4all\_eicdetectors**
- \* Near Term: Implement a simple RawTowerBuilder with the hits in each block.**
- \* Long term: write a cell and tower reco module.**