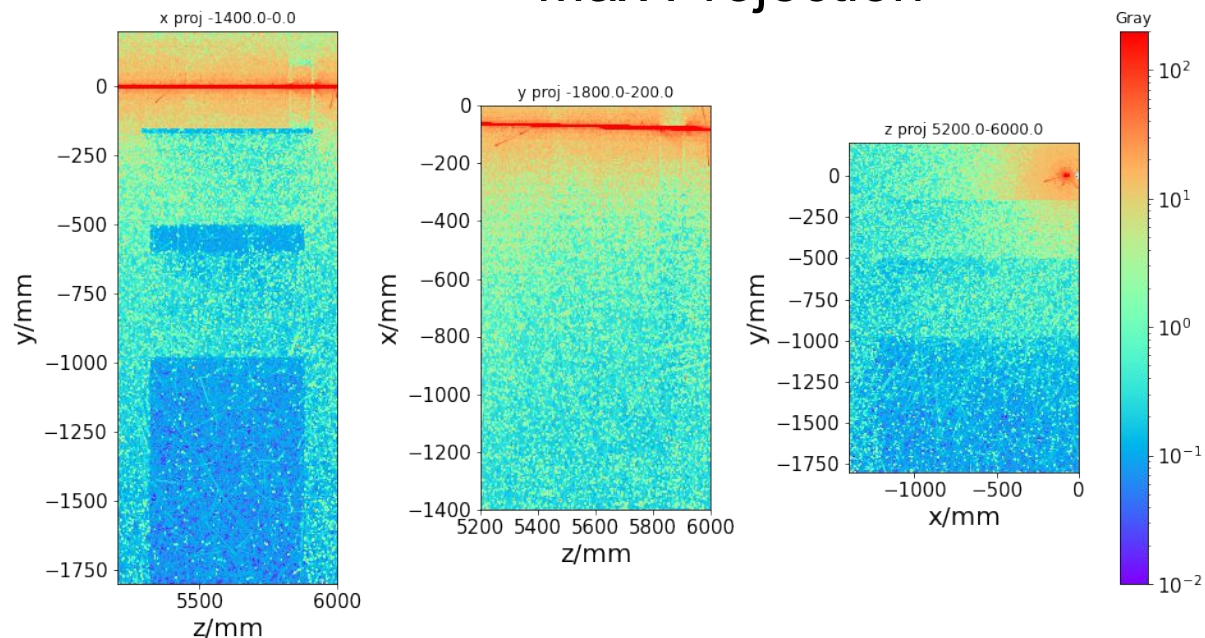# Dose Plots

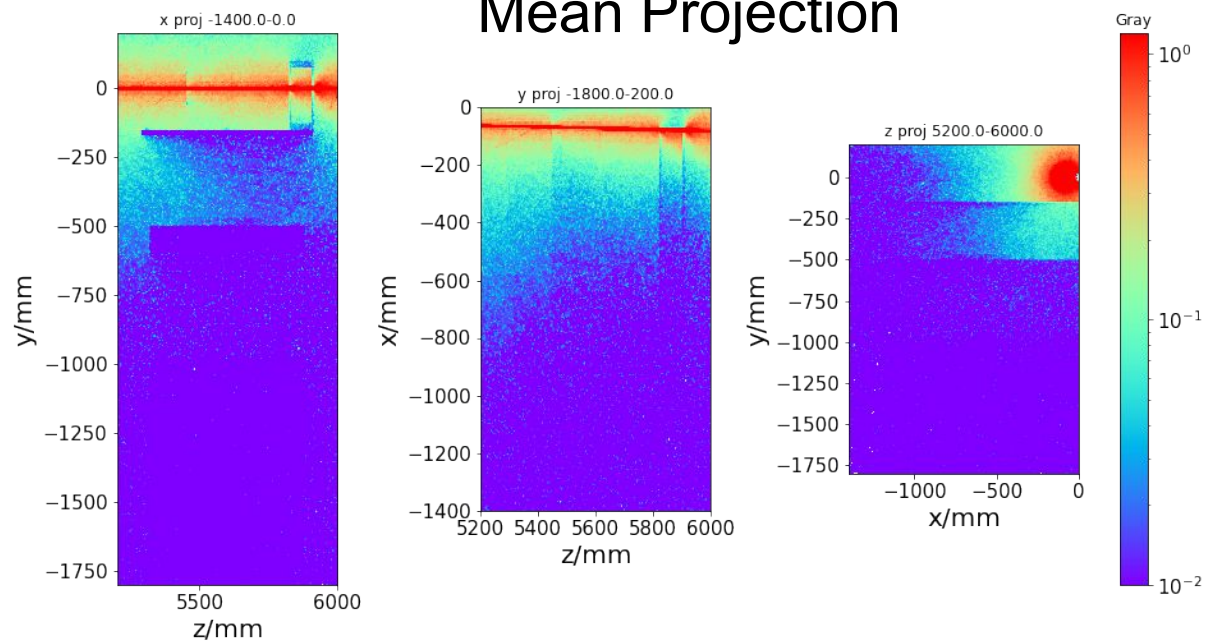## 2D projections from Stewart's code

- 7.5 mil events normalized to 1.5e9 electrons/bunch

- Original dose plots were for entire experimental cavern–I added one focusing on the region near the Cherenkov detector

- Can't "integrate" projected dose plots–need to take mean, max, or min dose when projecting

- Could generate edep plots as well

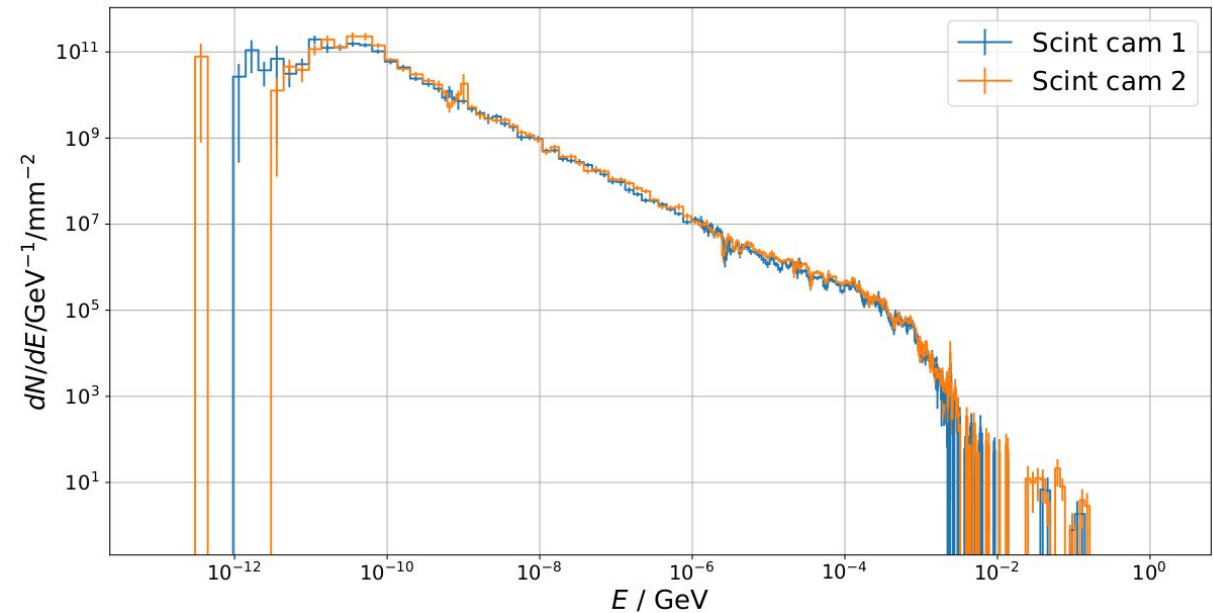
Max Projection

Mean Projection

Fluence plots

at the scintillator cameras

- An example of what can be done analyzing specific detector surfaces

- Easy once you identify the surface in the fluka geometry and find its area

- Some areas are already tracked, would have to rerun Fluka to add new ones (takes a day or two)

Fluence

Lethargy