

# Introduction

G.B.

# Available files (V12.4)

in Tier3: /gpfs\_data/local/foot/Simulation/V12.4

**$^{16}\text{O}$  and  $^{12}\text{C}$  ions on 2 mm Polyethylene target (dens = 0.94 g/cm<sup>3</sup>),  
200, 350, 700 MeV /u:**

**$^{16}\text{O}$  and  $^{12}\text{C}$  ions on 2 mm C target (dens = 2 g/cm<sup>3</sup>), 200,  
350, 700 MeV /u:**

**New:**

**$^4\text{He}$  @700 MeV/u on 5 mm C and  $\text{C}_2\text{H}_4$  targets  
(6  $10^6$  primaries)**

# Beyond CDR

- event reconstruction: associate hits in the tracking system to Scint and Calorimeter
- Full reconstruction using only detector infos, like in real-life.

*In part this should be addressed in the Ph.D. thesis of Serena,  
but other people are necessary*

# In preparation for FOOT General Meeting

- New update on Simulation
- Update on Reconstruction Software
- Update on Performance Evaluation
- ...

*Organization of Software meeting?*

Can we write a (true) paper about the  
FOOT design?

Nucl. Instr. Meth

JINST

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