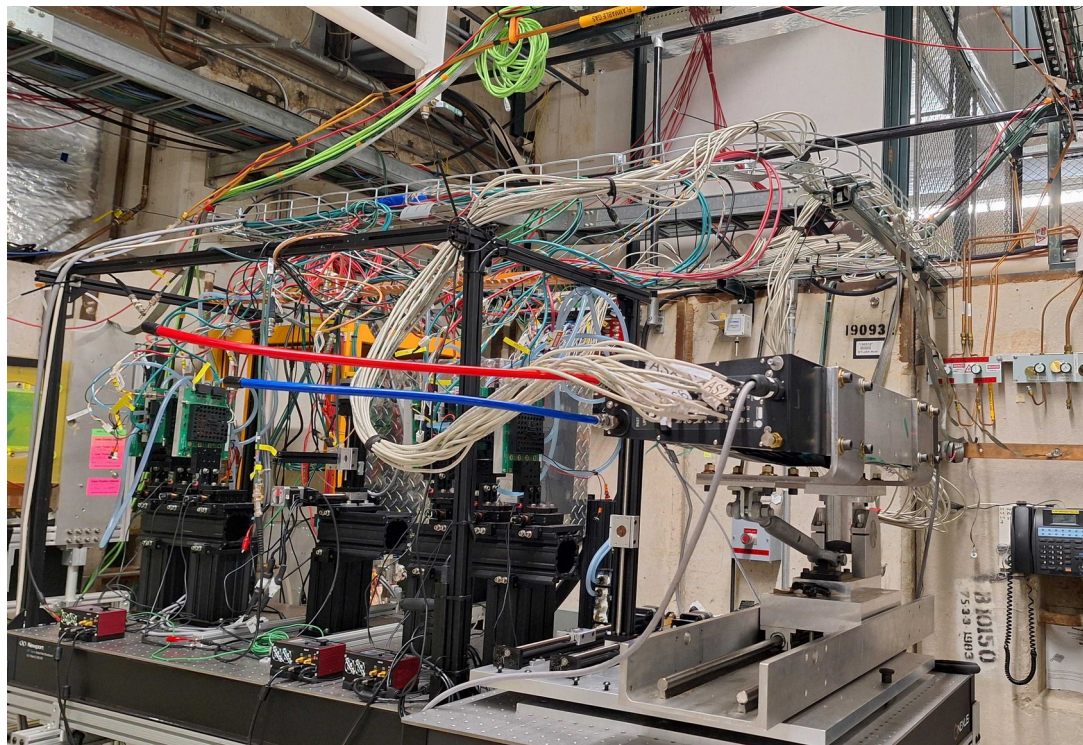
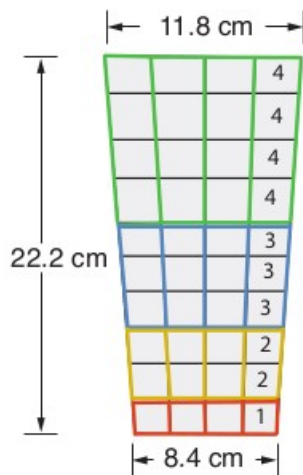


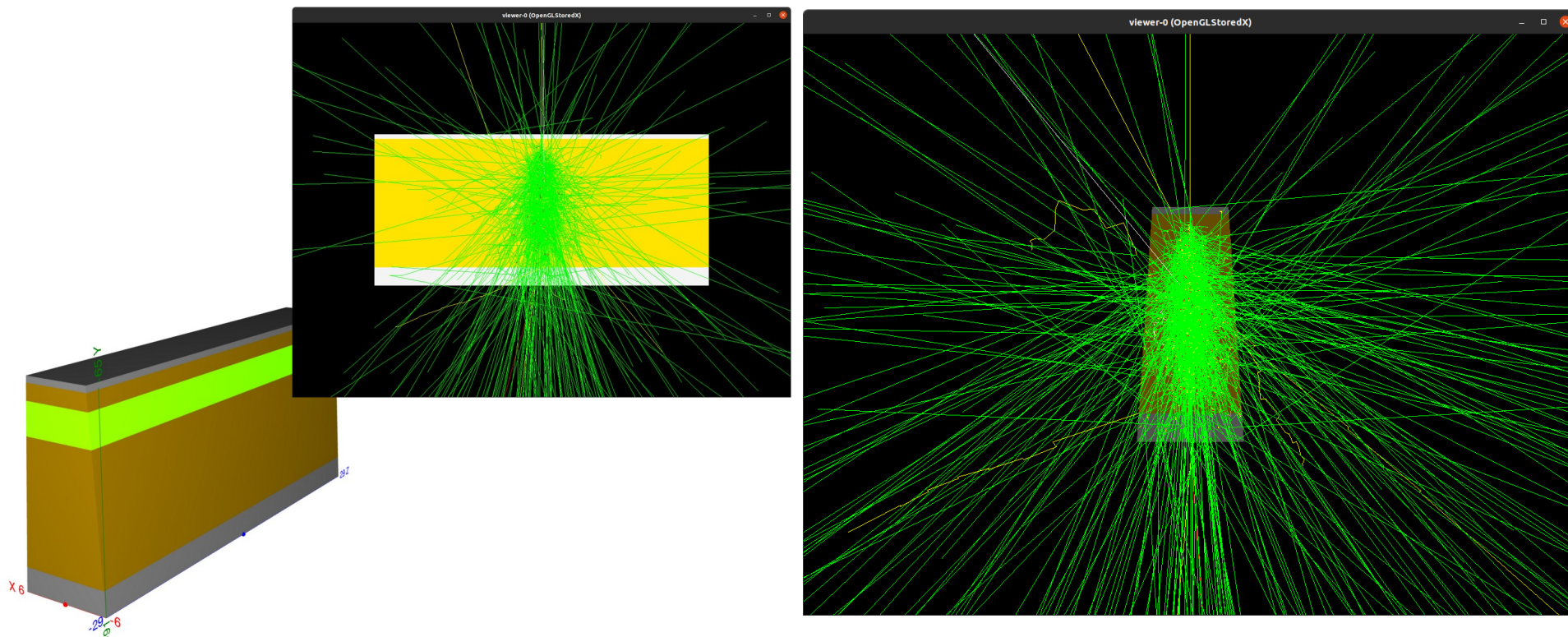
BabyBCal Simulation

Introduction

- Dimensions
 - 11.8 x 22.2 x 58 cm

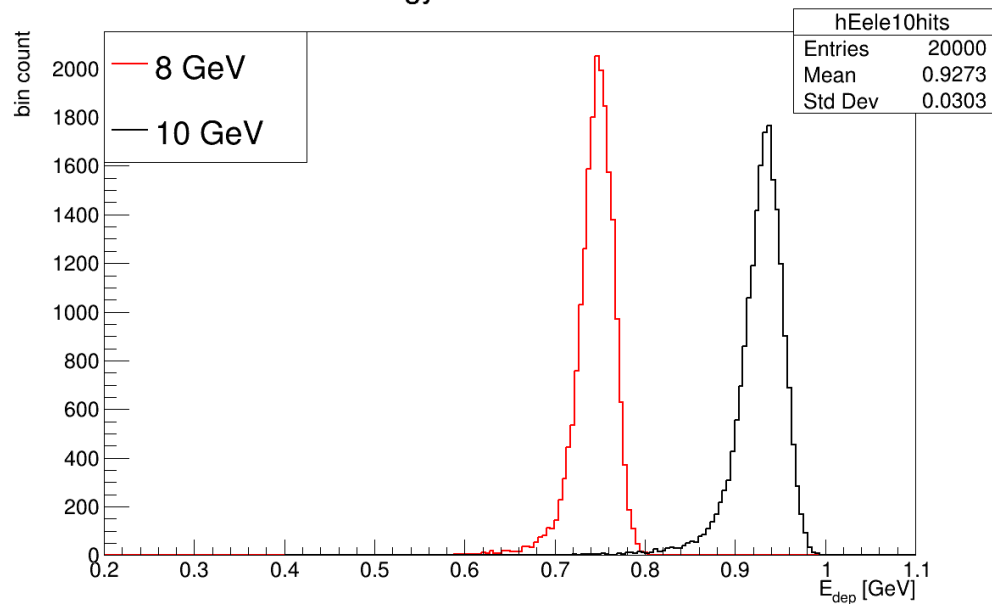


Geometry and Event Display

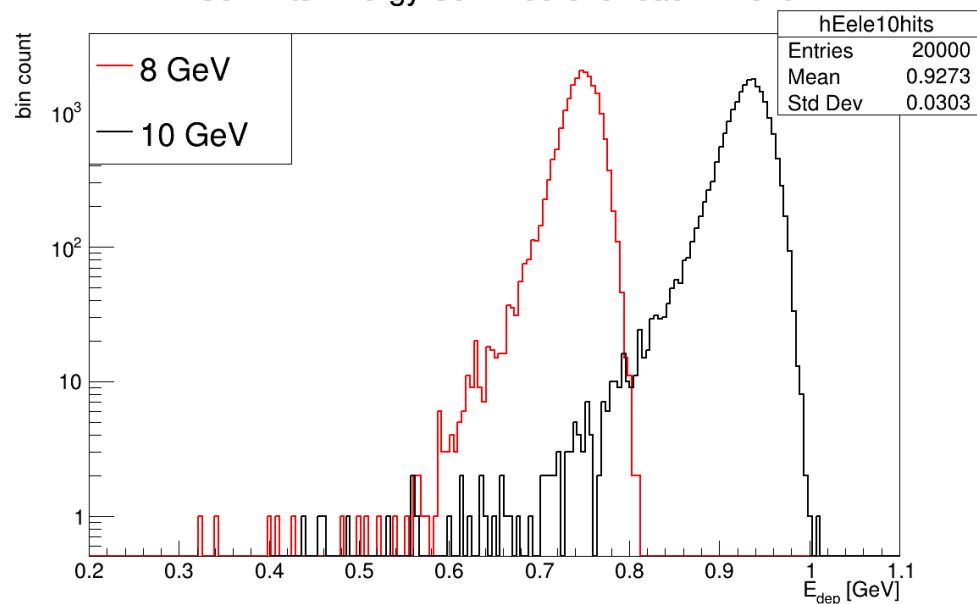


Electron 20,000 Events

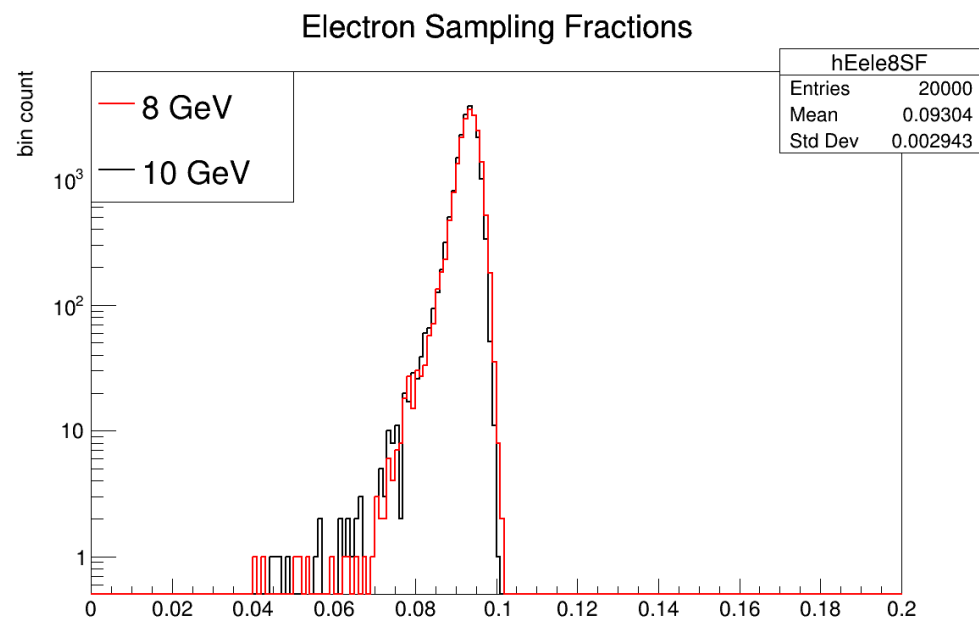
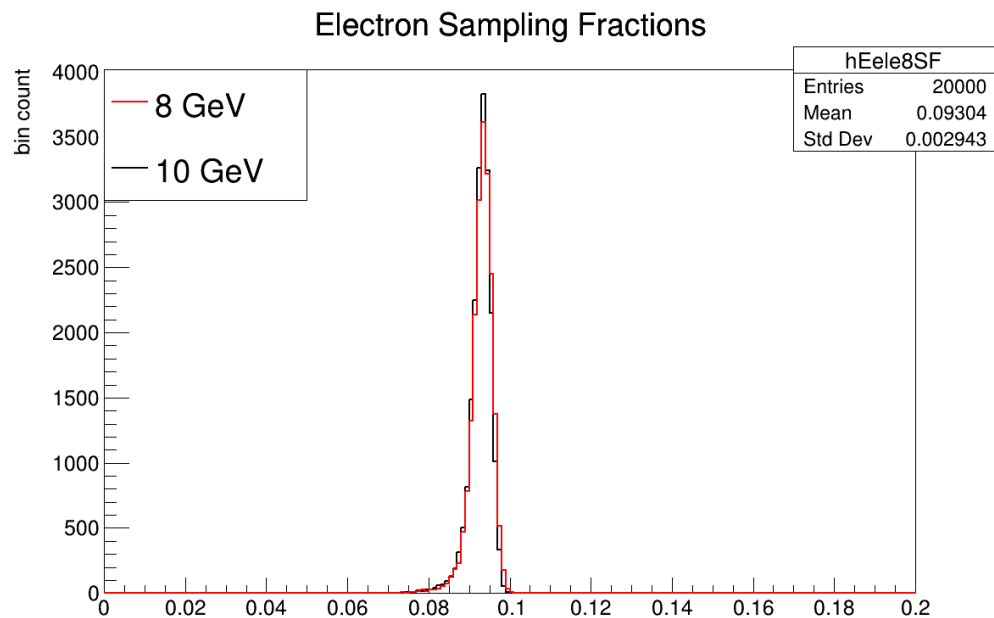
ScFiHits Energy Summed over each Event



ScFiHits Energy Summed over each Event

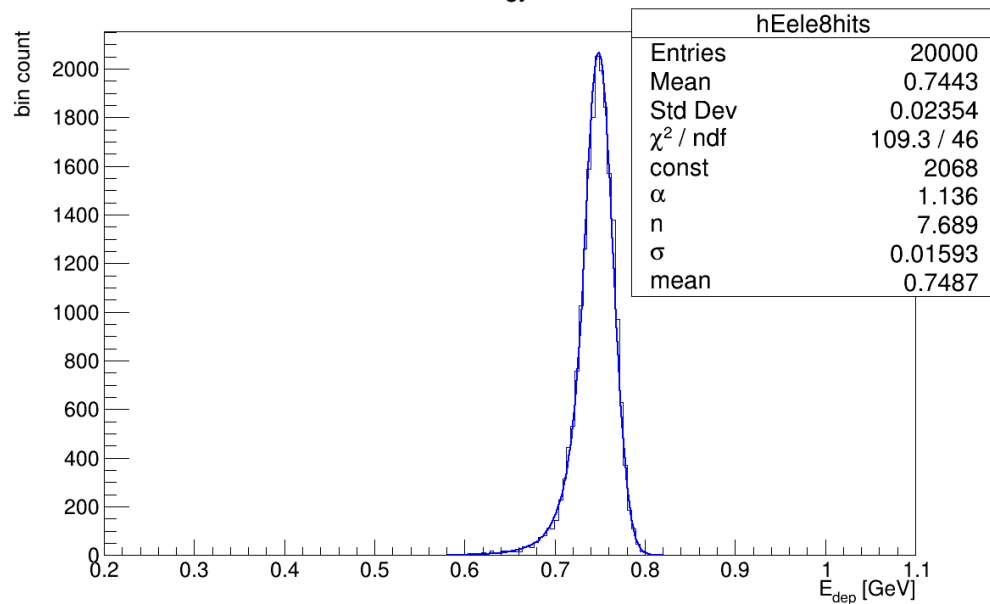


Electron Sampling Fractions

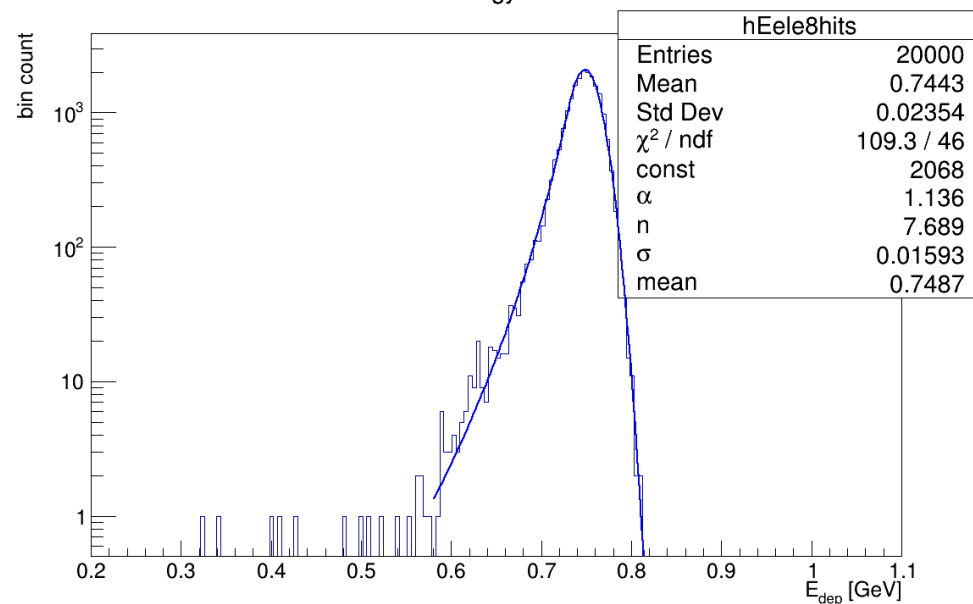


Electron 8 GeV Crystal Ball Fits

Electron 8 GeV ScFiHits Energy summed over each Event

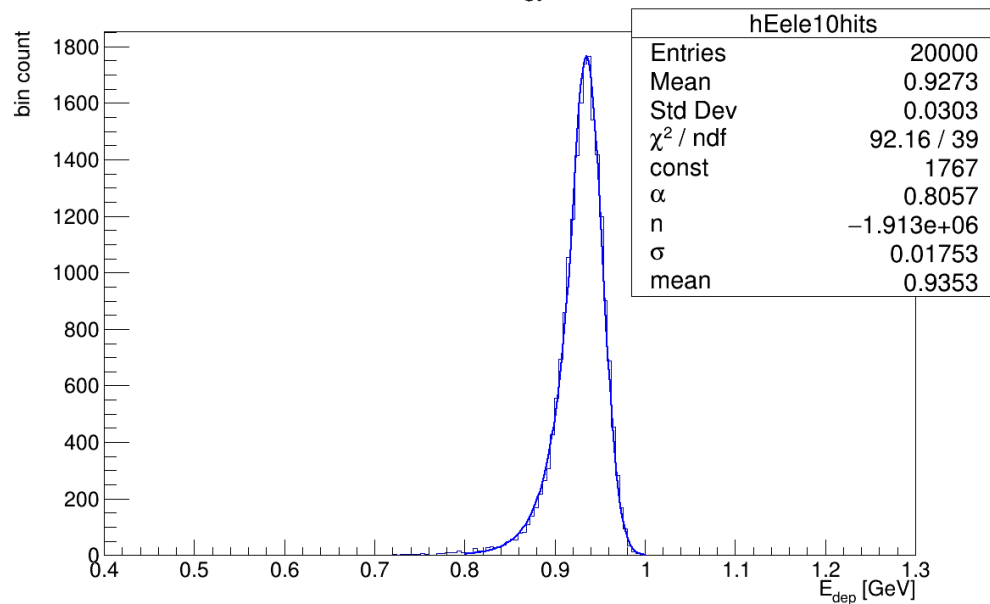


Electron 8 GeV ScFiHits Energy summed over each Event

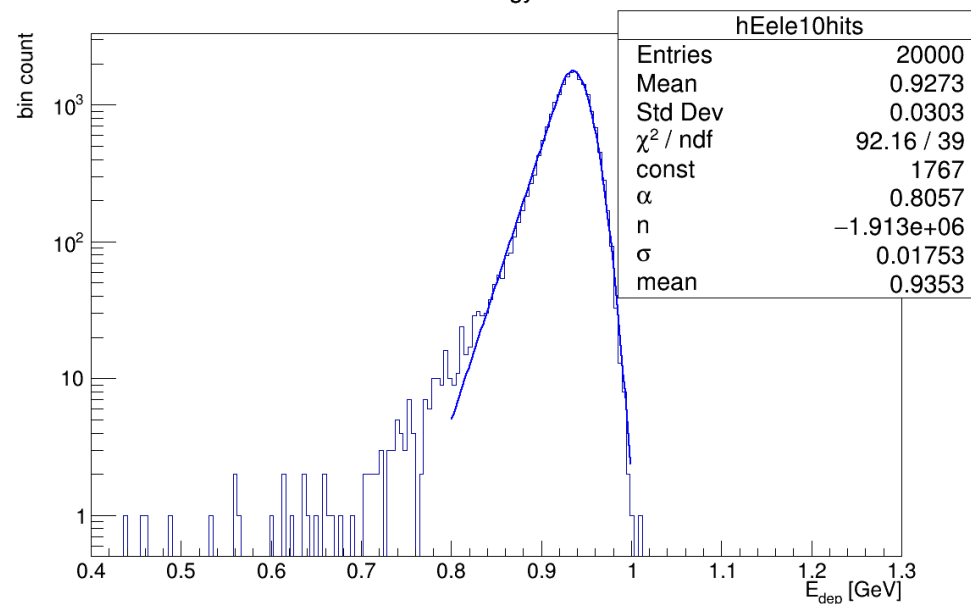


Electron 10 GeV Crystal Ball Fits

Electron 10 GeV ScFiHits Energy summed over each Event

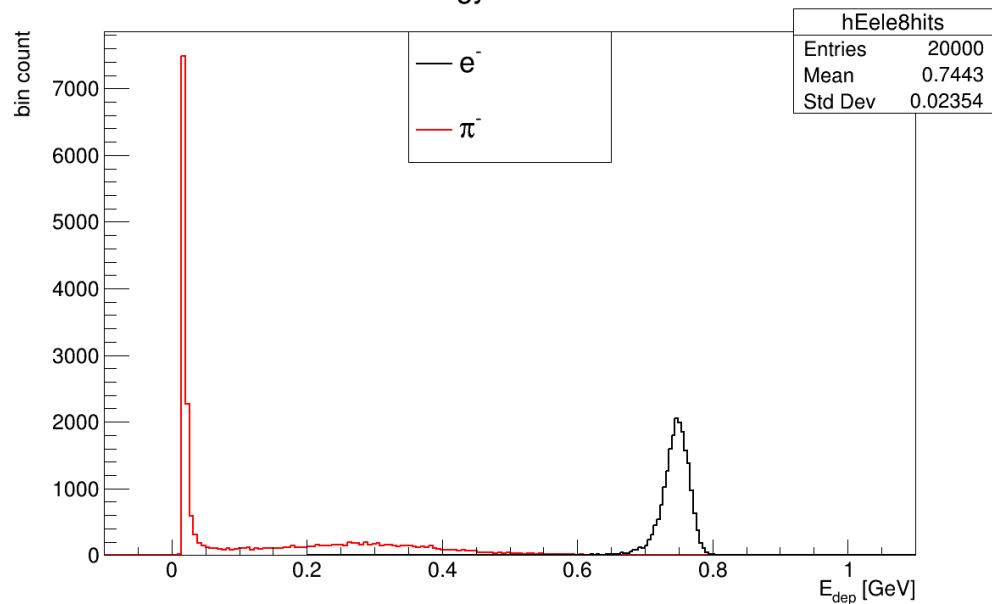


Electron 10 GeV ScFiHits Energy summed over each Event

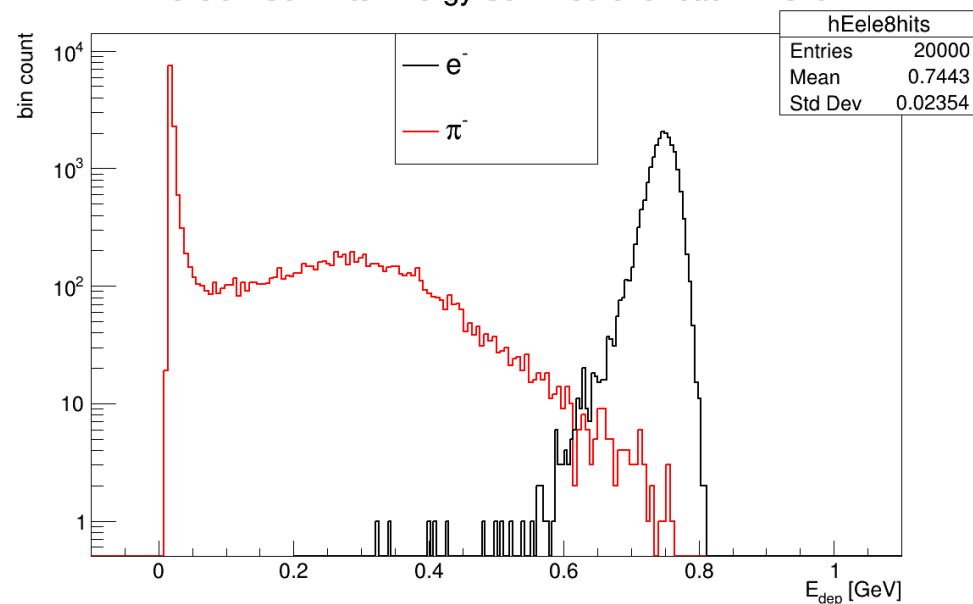


8 GeV

8 GeV ScFiHits Energy Summed over each Event

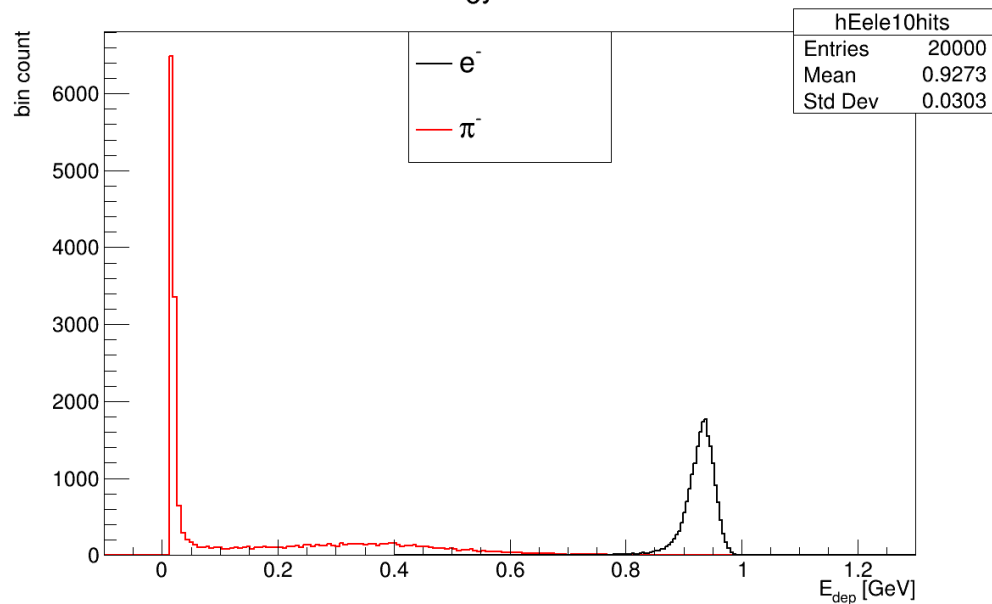


8 GeV ScFiHits Energy Summed over each Event

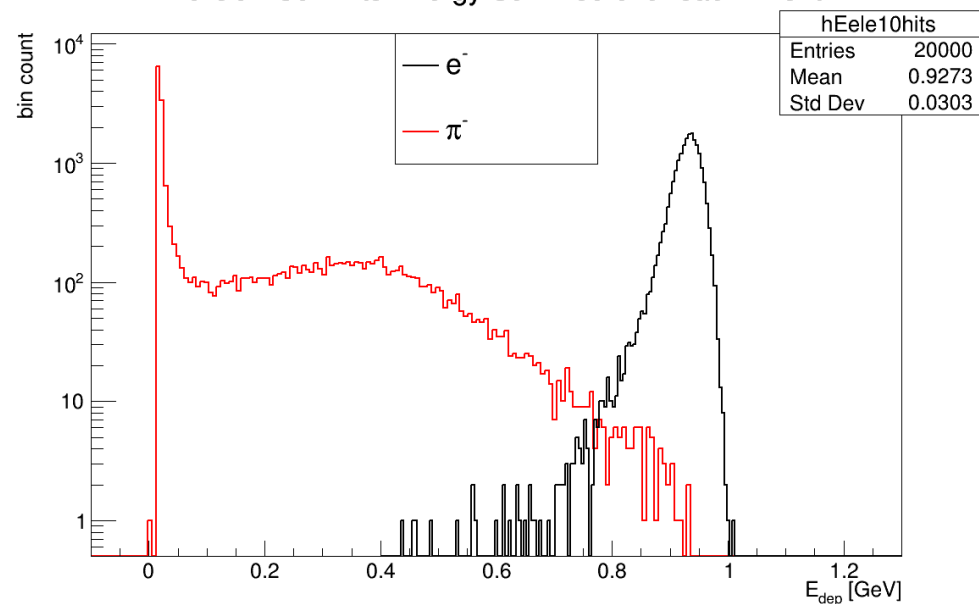


10 GeV

10 GeV ScFiHits Energy Summed over each Event

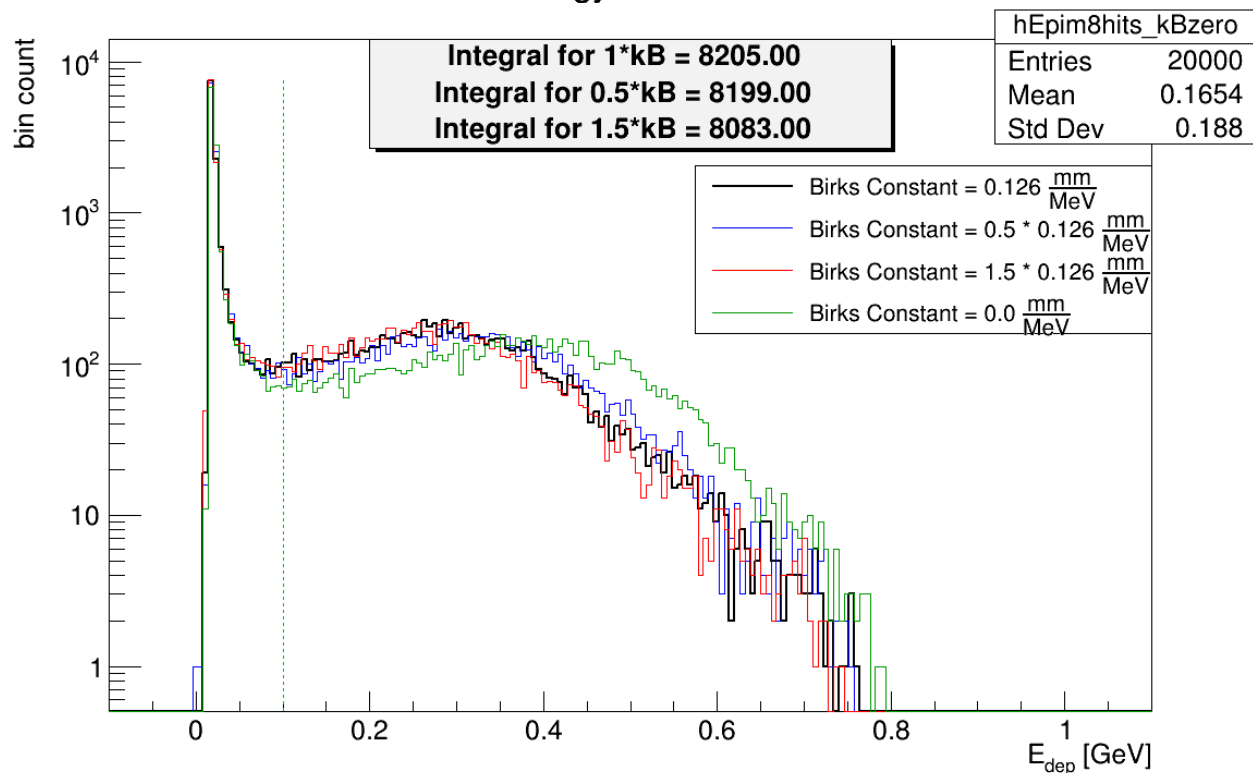


10 GeV ScFiHits Energy Summed over each Event



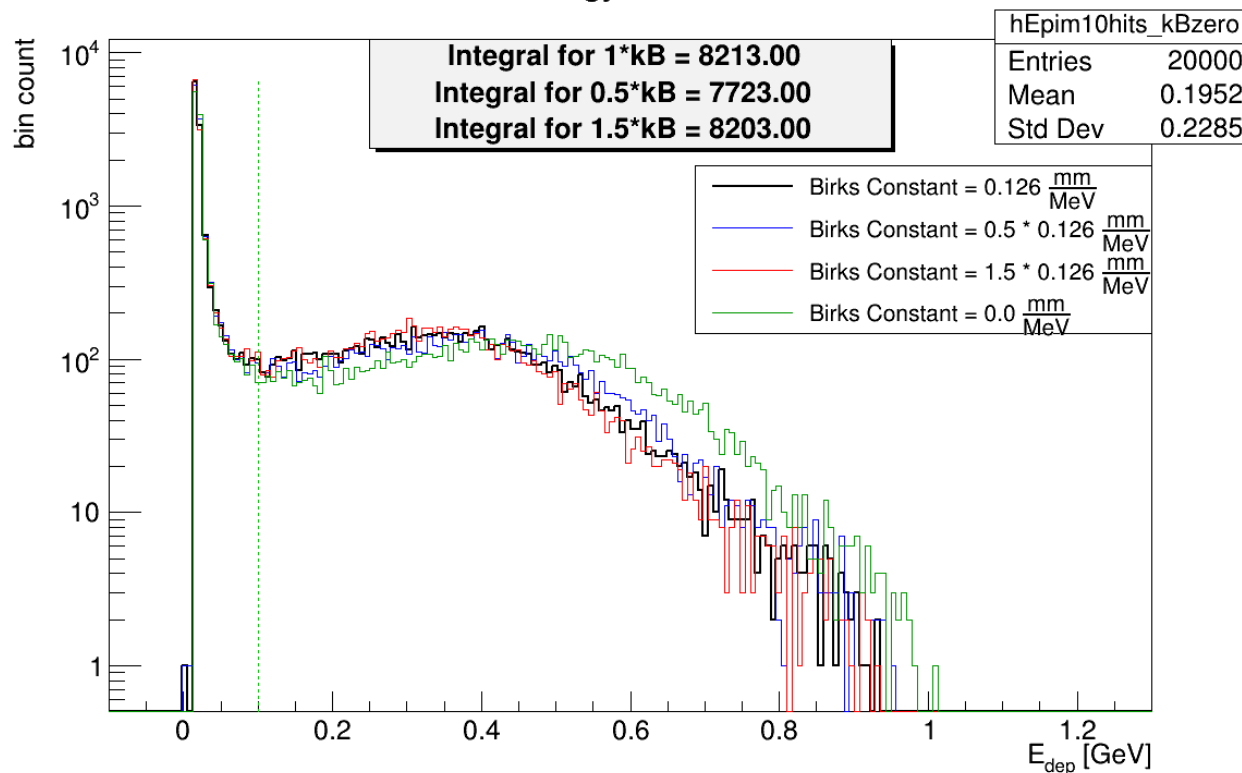
Birk's Constant Dependence

π^- 8 GeV ScFiHits Energy Summed over each Event



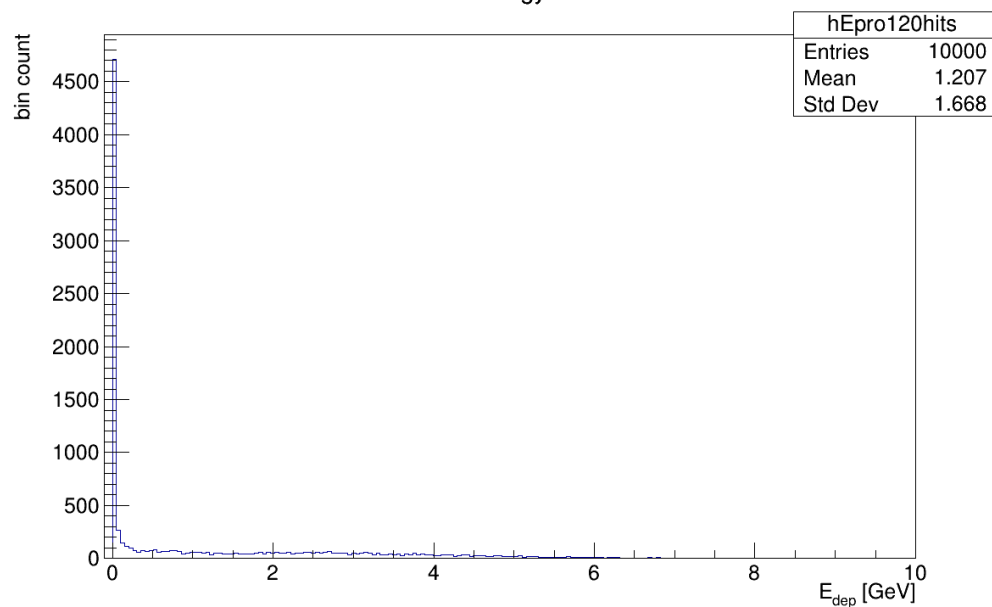
Birk's Constant Dependence

π^- 10 GeV ScFiHits Energy Summed over each Event

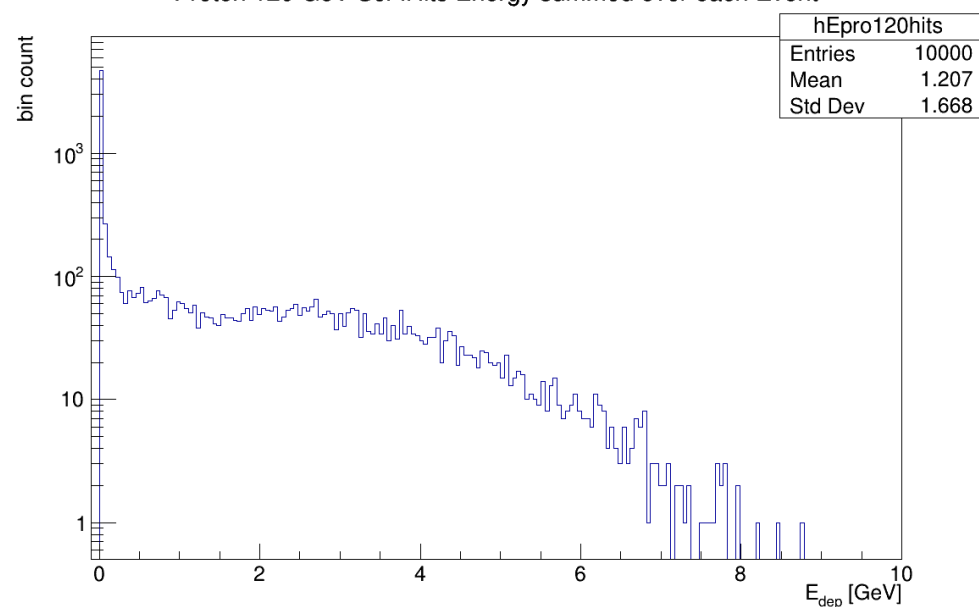


Proton 120 GeV 10,000 Events

Proton 120 GeV ScFiHits Energy summed over each Event



Proton 120 GeV ScFiHits Energy summed over each Event



Next Steps

- Reconstruction
- Benchmarking
- Further Simulation Analysis