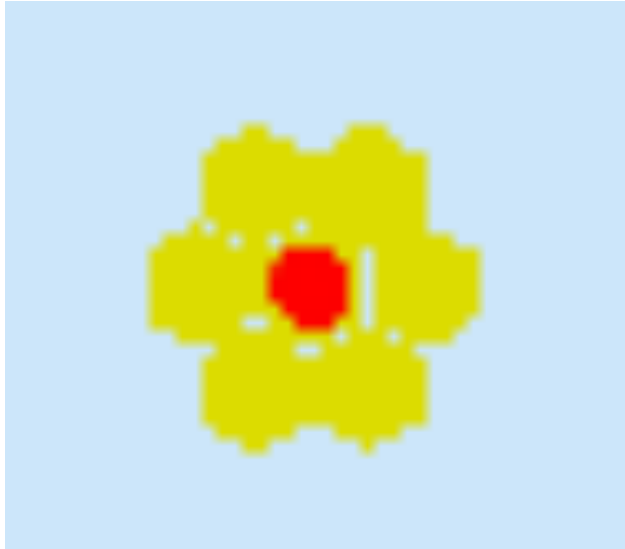


# 6+1 modules simulation

1. 100 MeV/c, e+, pi+, and protons
2. 200 MeV/c, e+, pi+, and protons

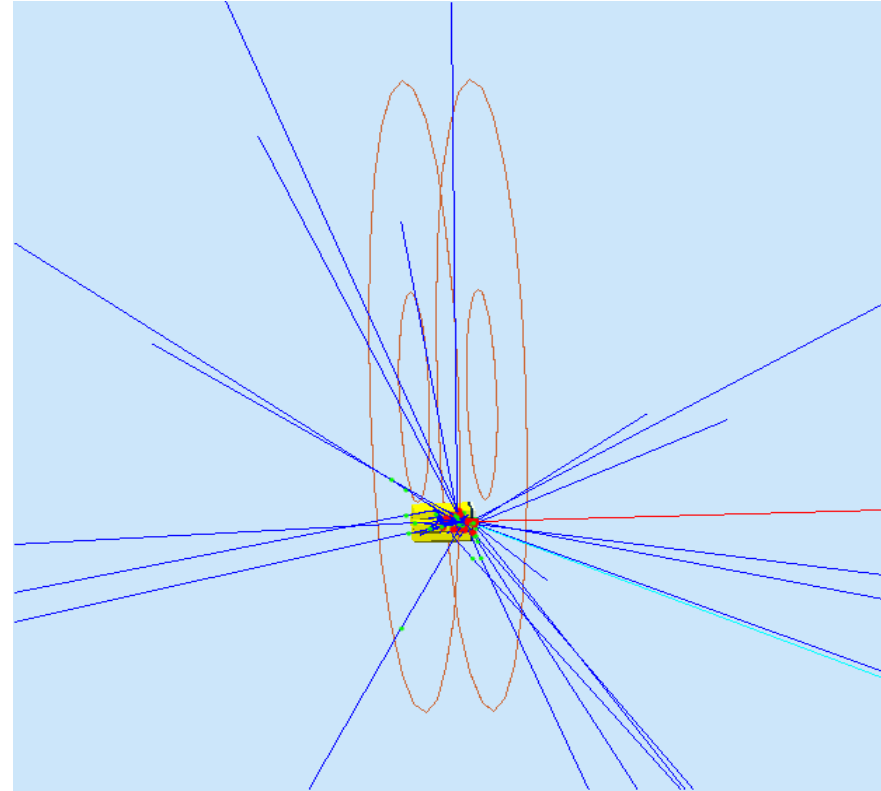
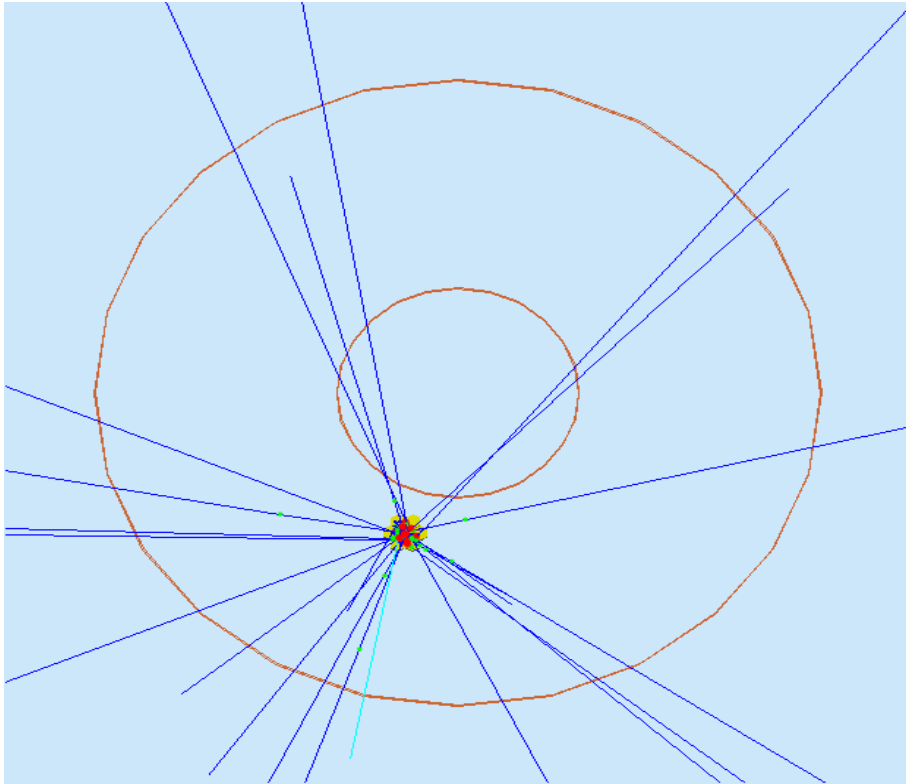


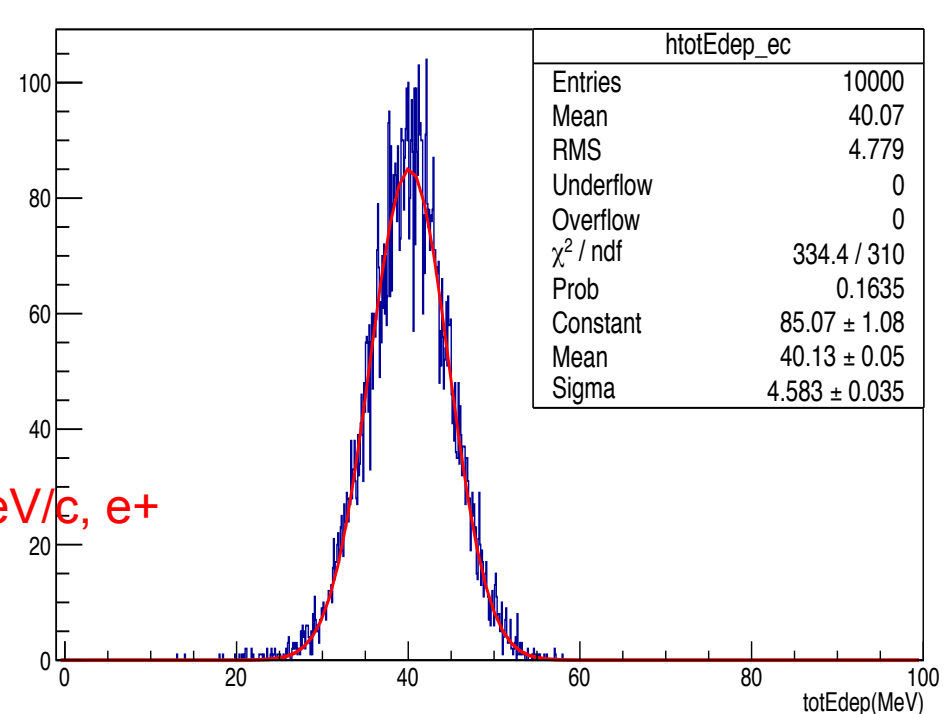
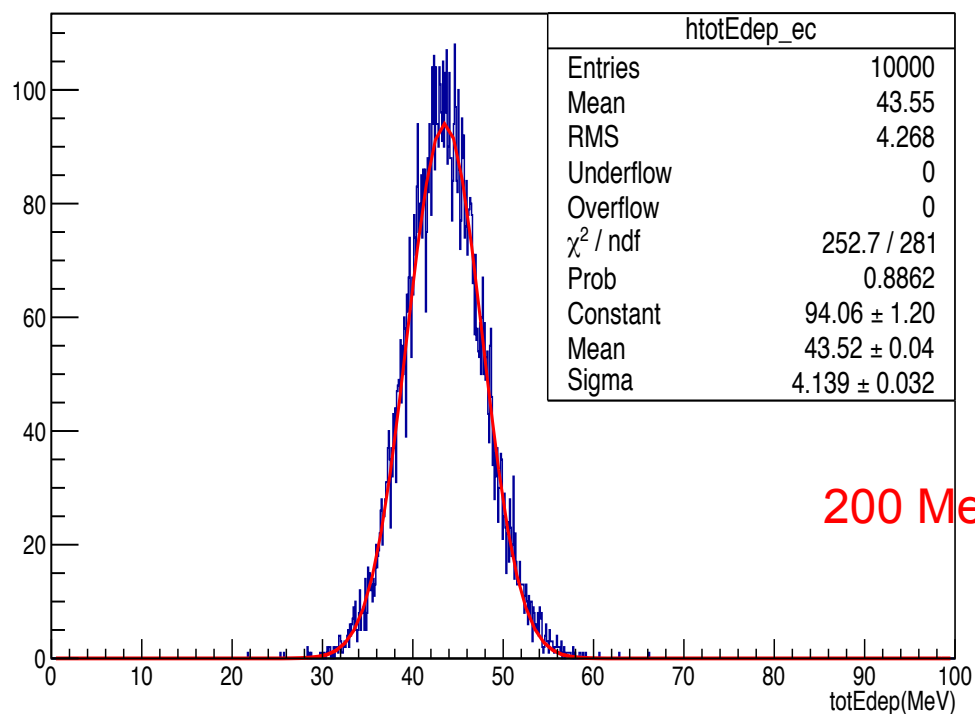
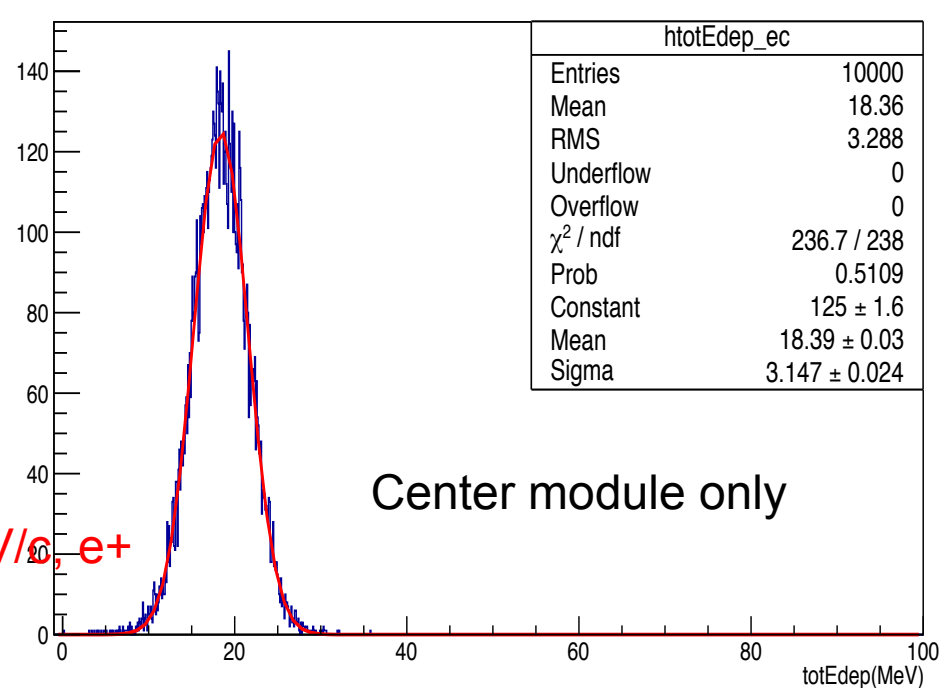
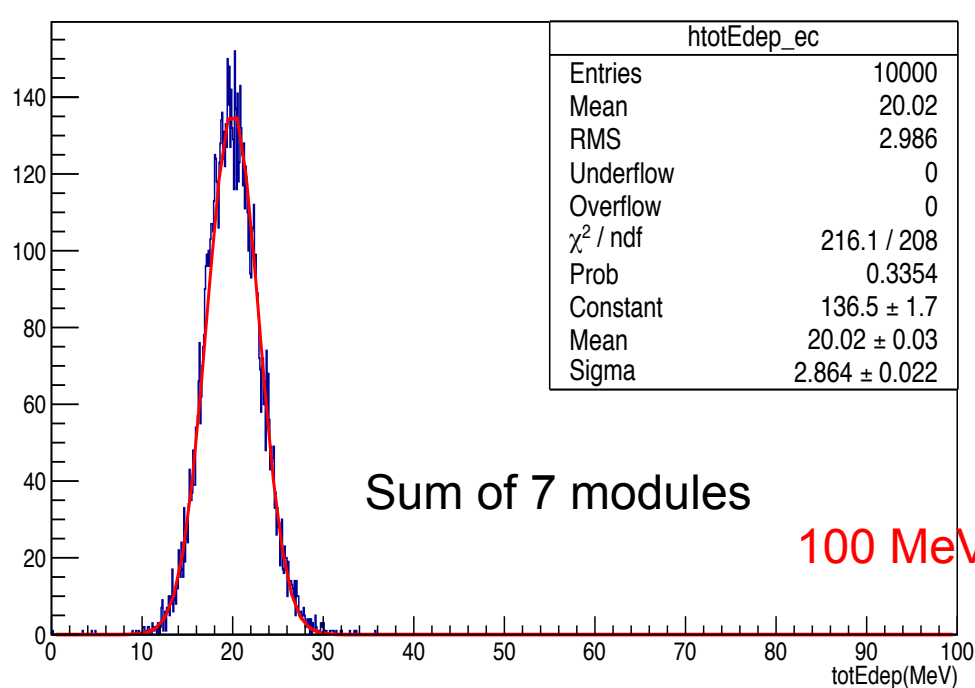
layer	194	
Thickness_lead	0.05	cm
Thickness_scint	0.15	cm
Thickness_gap	0.024	cm
Thickness_prescint	2	cm
Thickness_support	2	cm

Modules 1) : Y= - 130.662cm, X= - 44.704; 2): Y= - 130.662cm, X= - 33.528;  
3): Y= - 120.984cm, X= - 50.292; 4): Y= - 120.984cm, X= - 39.116;  
5): Y= - 120.984cm, X= - 27.94; 6): Y= - 111.305cm, X= - 44.704;  
7) Y= - 111.305cm, X= - 33.528;

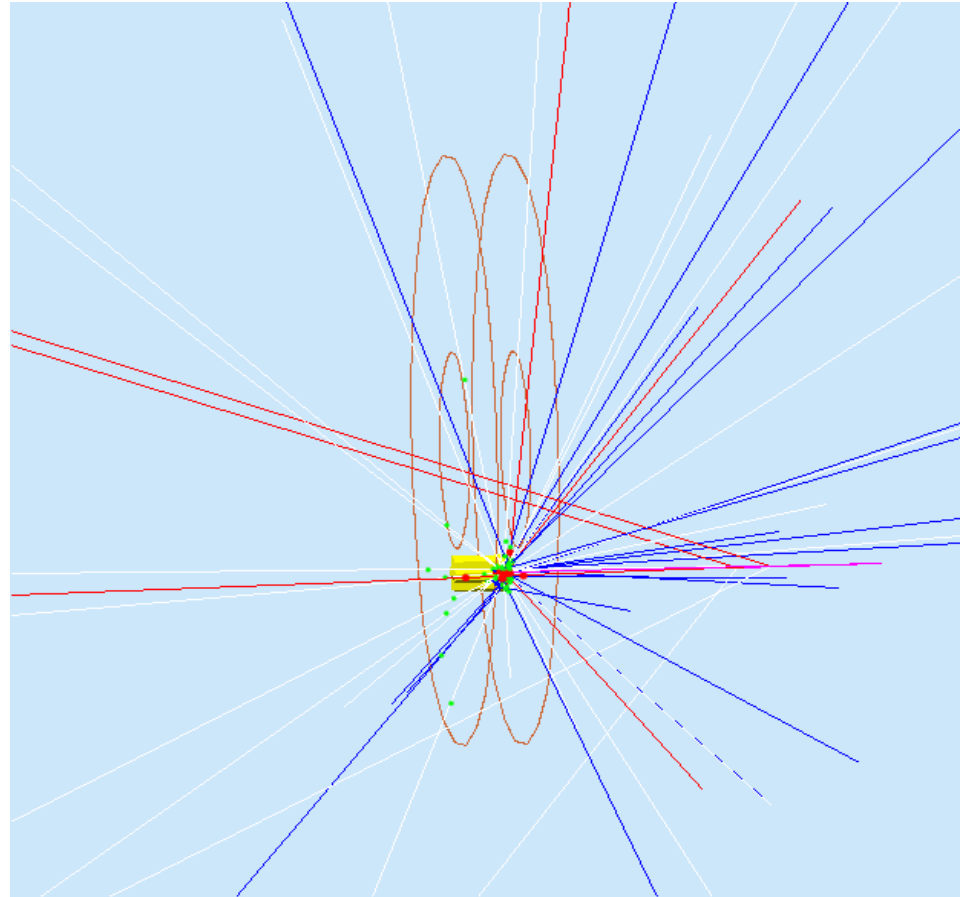
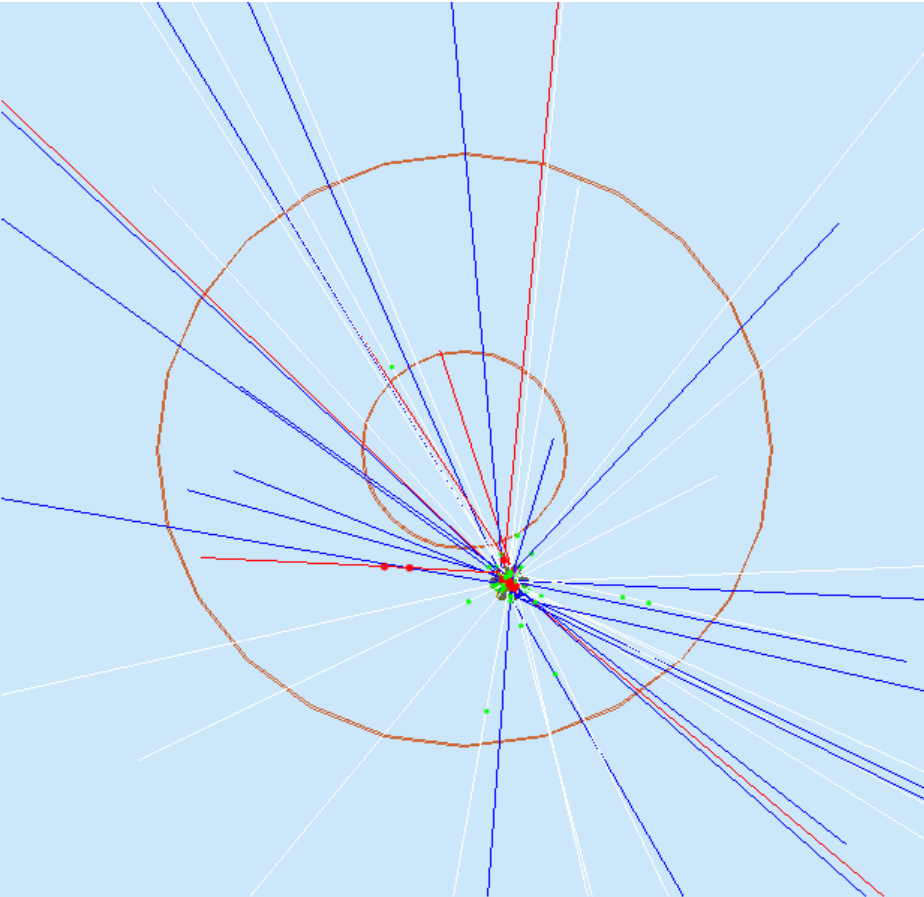
100 MeV/c, e<sup>+</sup>

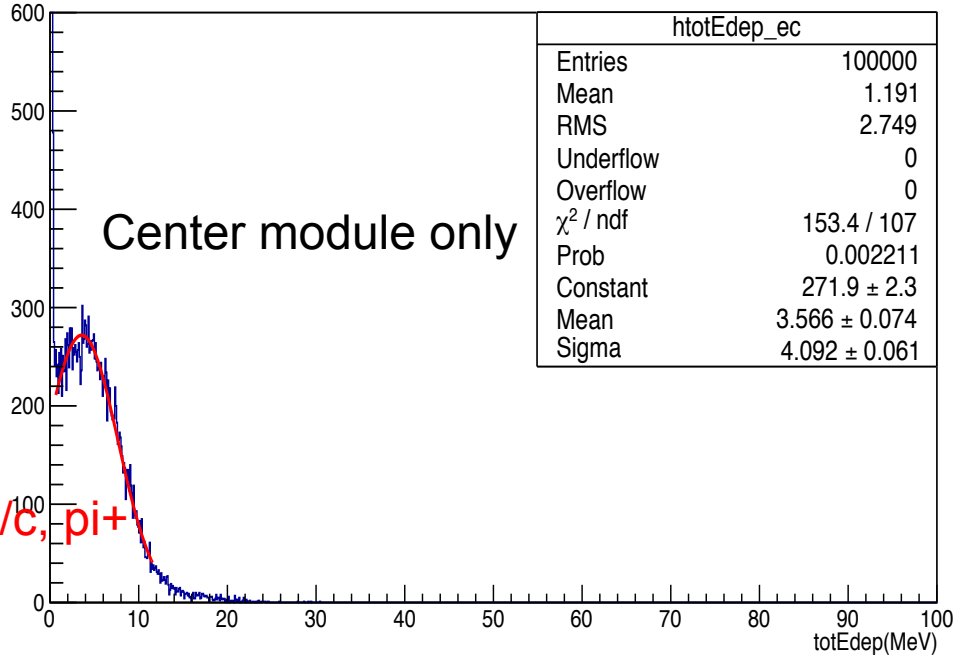
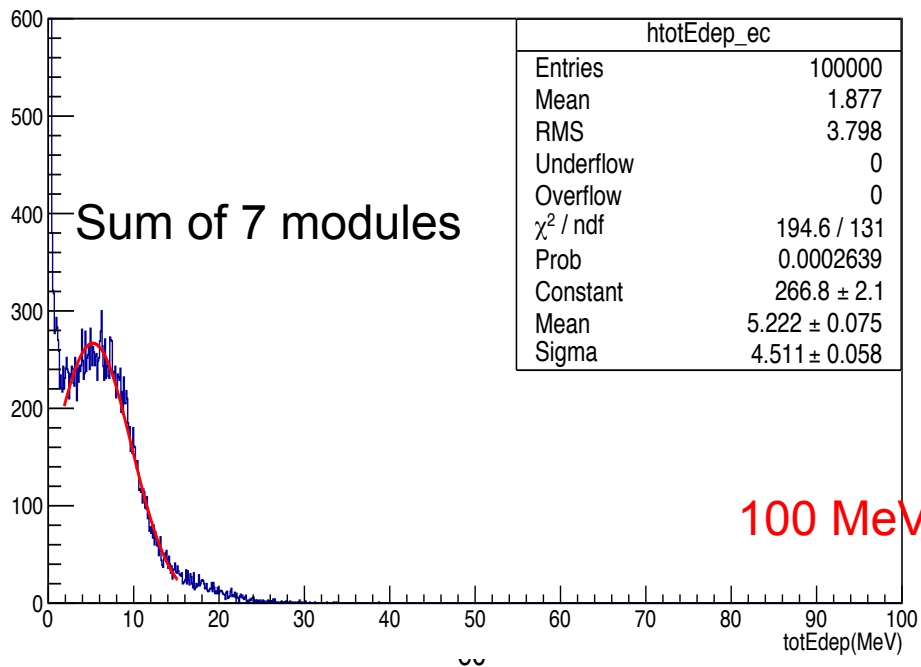
No field, straight hit the center module



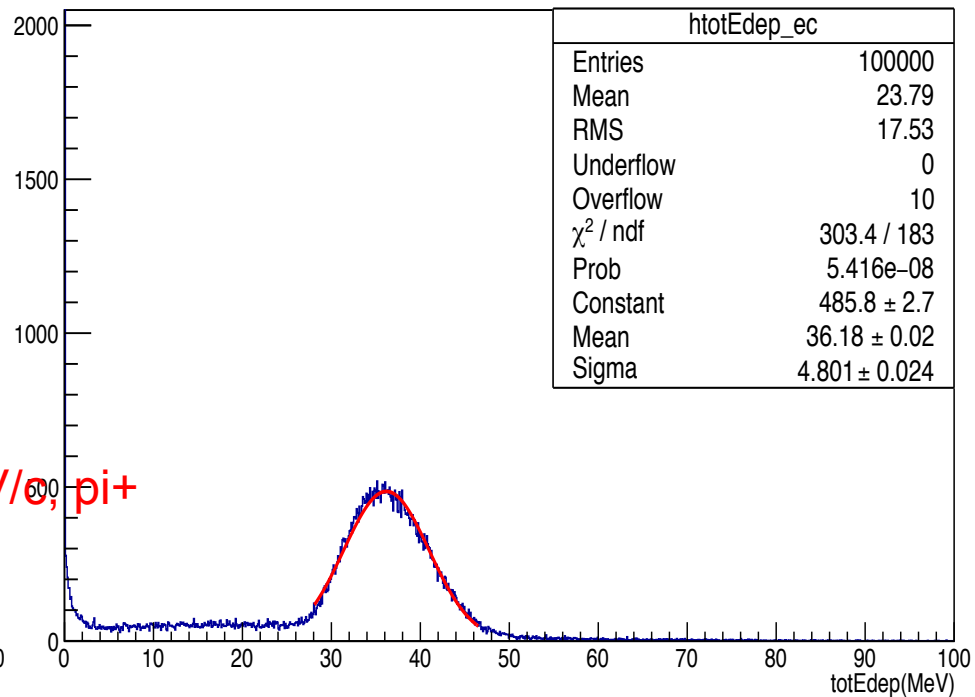
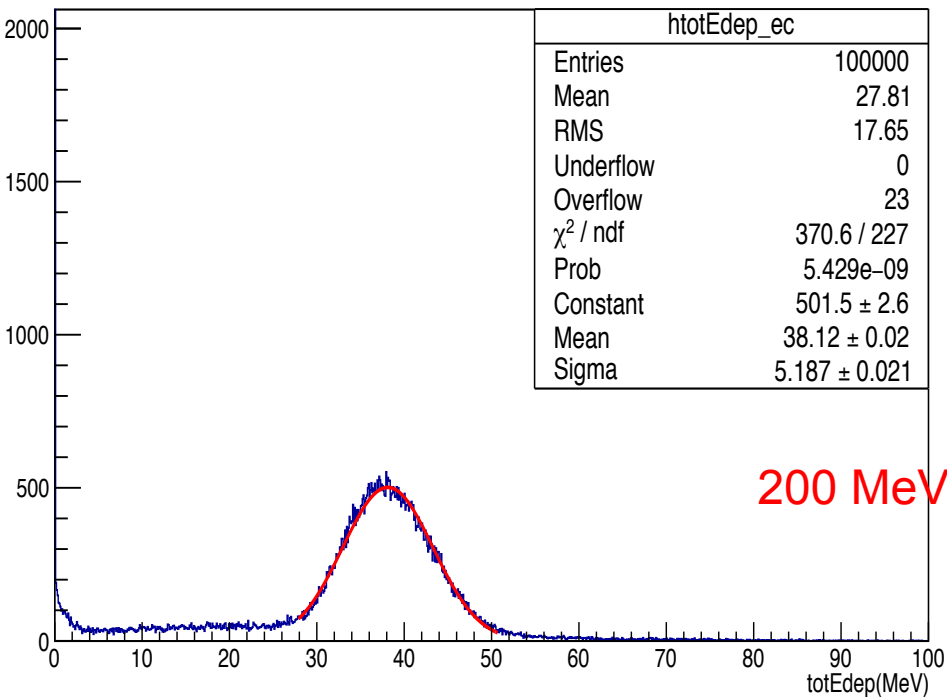


100 MeV/c  $\pi^+$

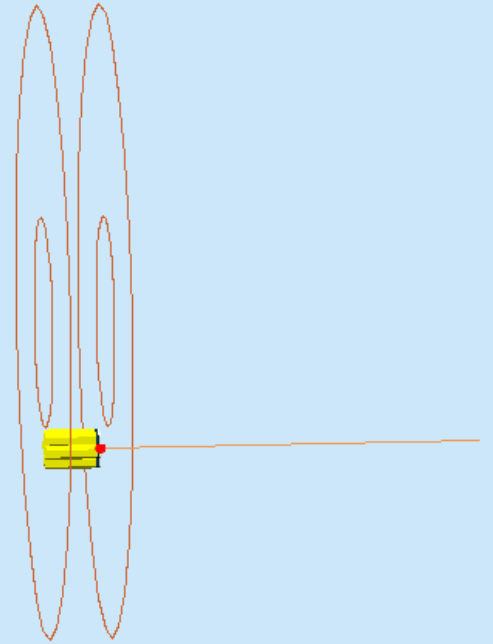
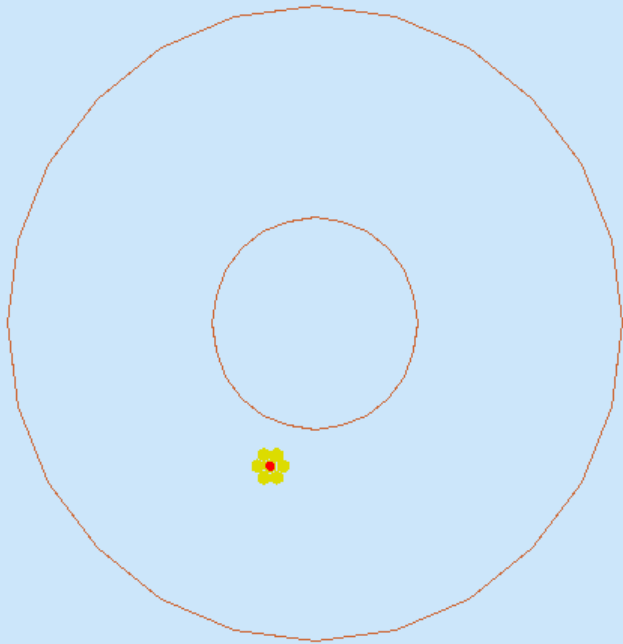


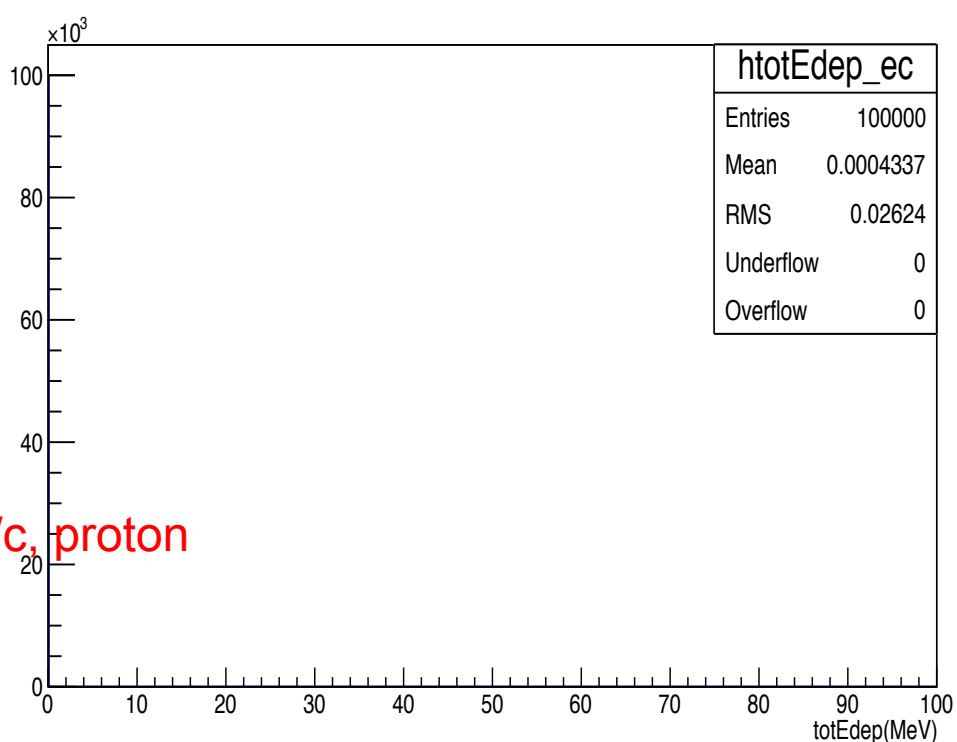
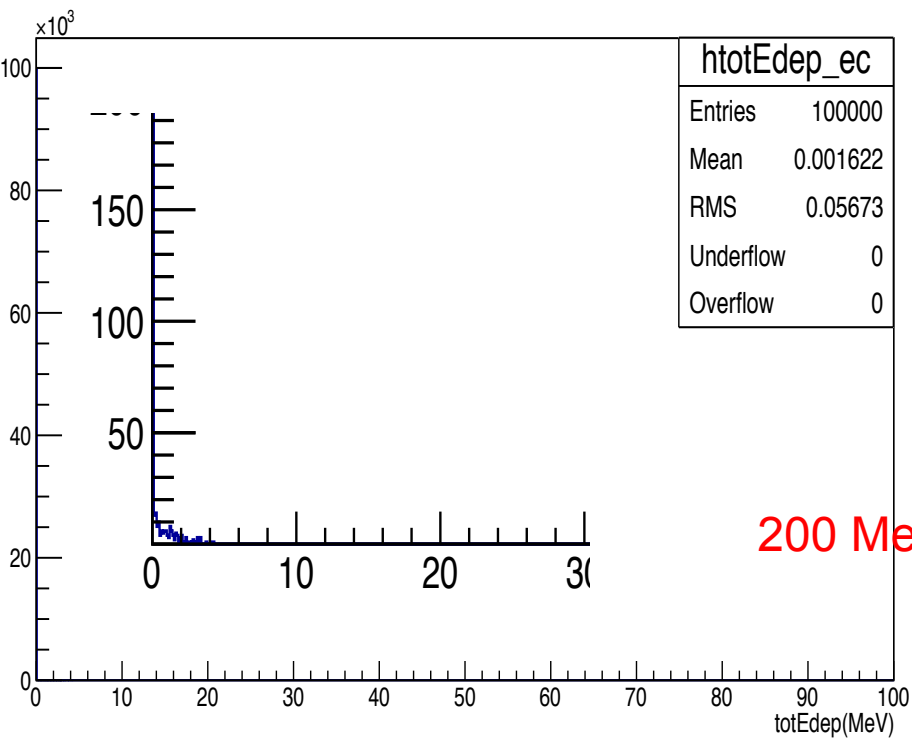
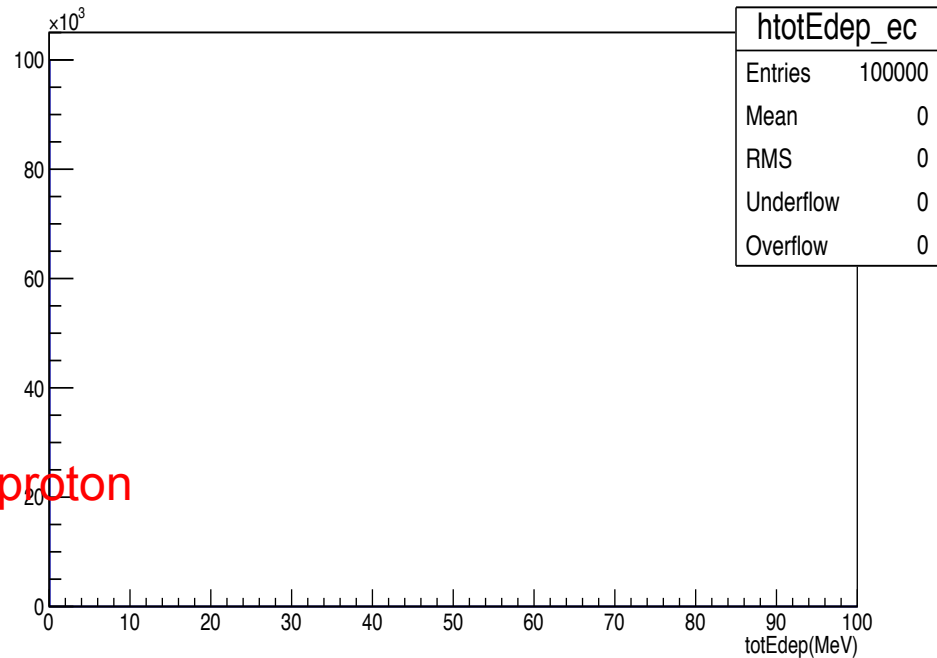
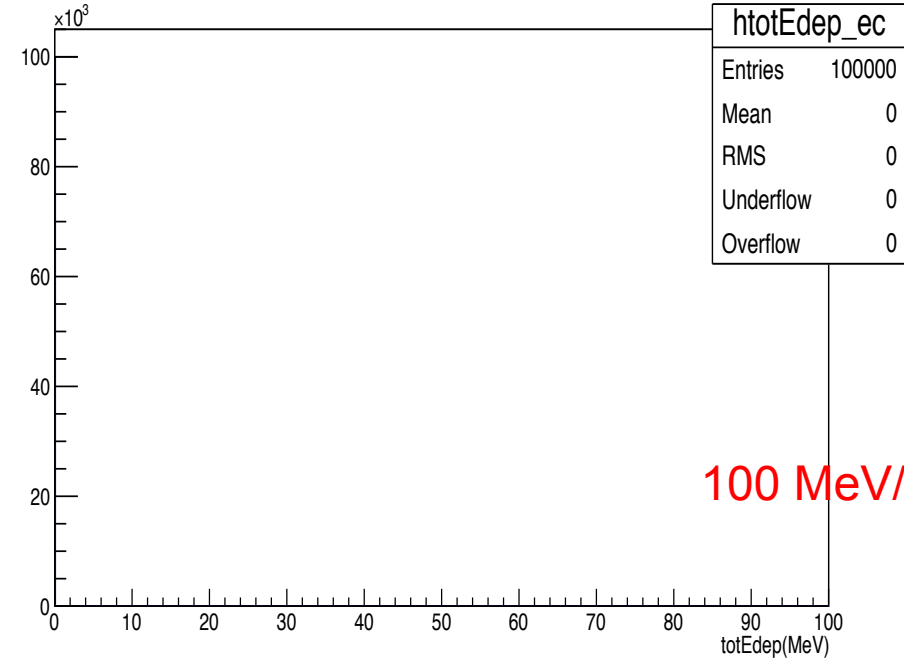


100 MeV/c, pi+



100 MeV/c proton





## Next steps and questions

2.5 GeV/c, electrons only but with 1000 electrons hitting the module within 10ps.

Then repeat for 2000 electrons.

- 1) Electron bunches interval ?
- 2) What's purpose?