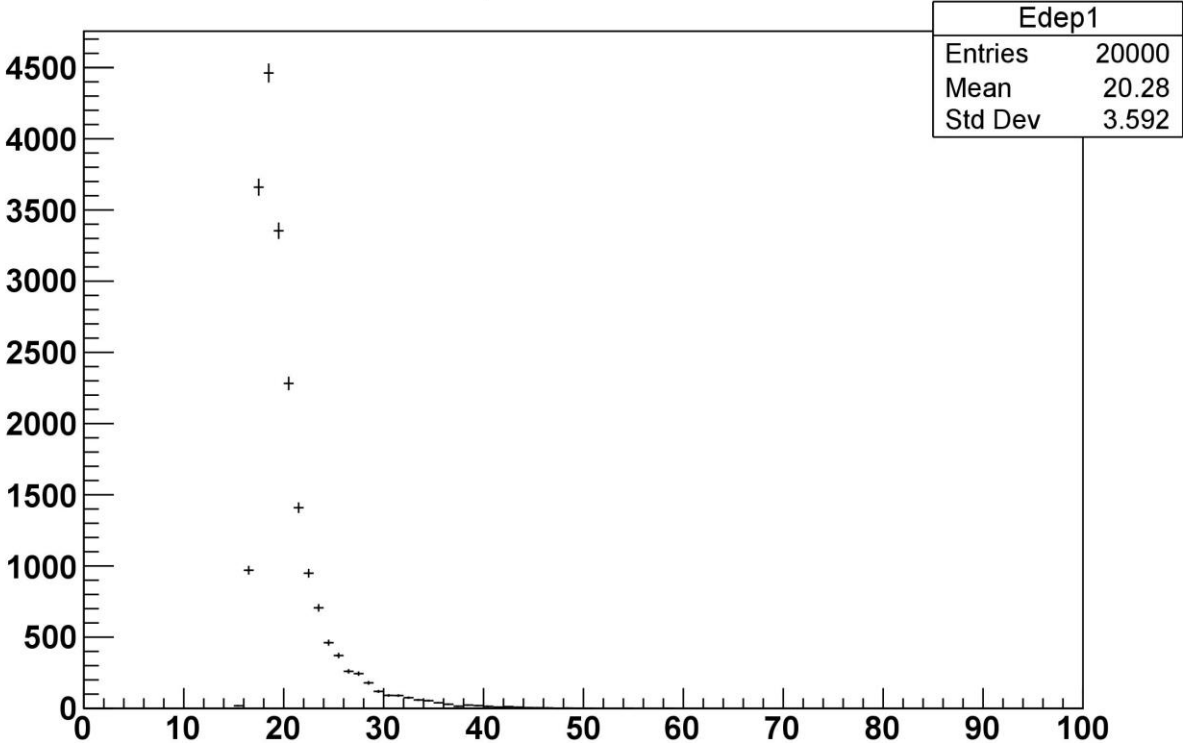


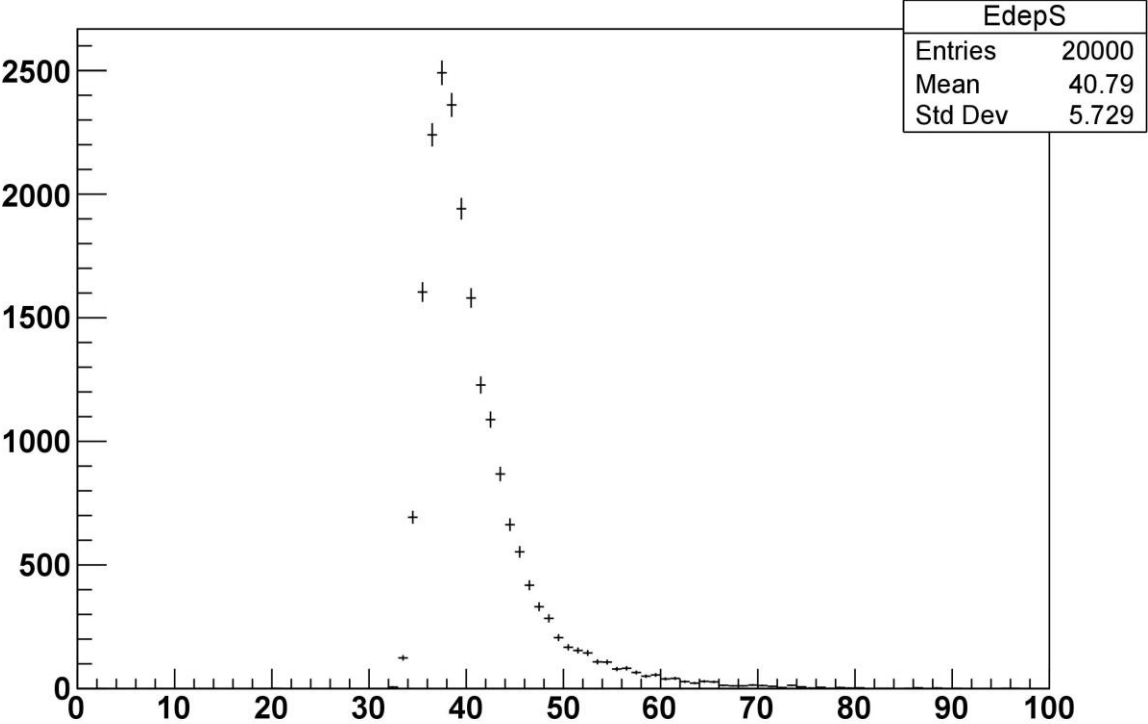
# Energy deposit(mu-) in plastic scintillators

- Simulating two scintillator slabs (1m x 1m x 10cm) in Geant4
- Total energy deposit in scintillators (800 MeV muon, vertical incident to z-direction)
- Scintillation signals without noises (such as secondary photons) are seen to be similar with following graphs

Edep in scintillator1



Edep in scintillators



# Stopping Power of a scintillator

- Averaged stopping power of a scintillator slab (10cm) without radiation effect(creating bremsstrahlung photons, etc...)

