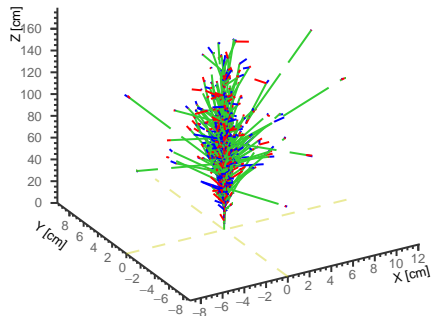


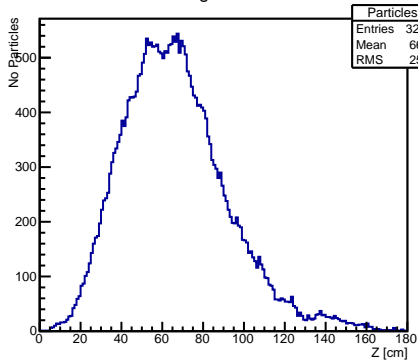
$E_i = 50000$ MeV

Electromagnetic Shower in Aluminium

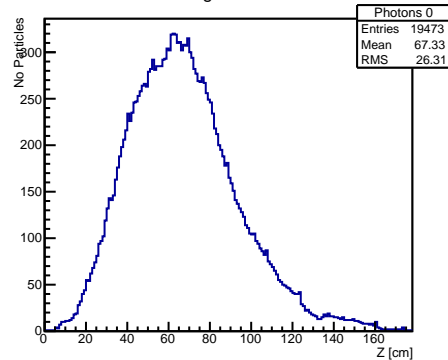
— Photons
— Electrons
— Positrons



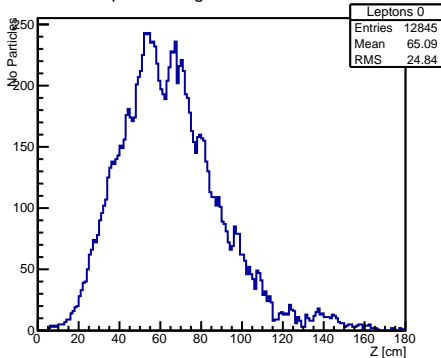
Particles' Longitudinal Distribution



Photons' Longitudinal Distribution



Leptons' Longitudinal Distribution



Electromagnetic Shower in Aluminium

Generated by a photon with $E_i = 50000$ MeV

Total No of Particles: 4936

No of Photons: 1966

No of Leptons: 2970

No of Photon Pair Production Events: 1485

No of Bremsstrahlung Radiation Events: 16920

No of Electron-Positron Annihilation Events: 275

Max Longitudinal Profile at 68 cm with 544 particles

Shower's Length: 180 cm

Shower's Width: 13.658408 cm