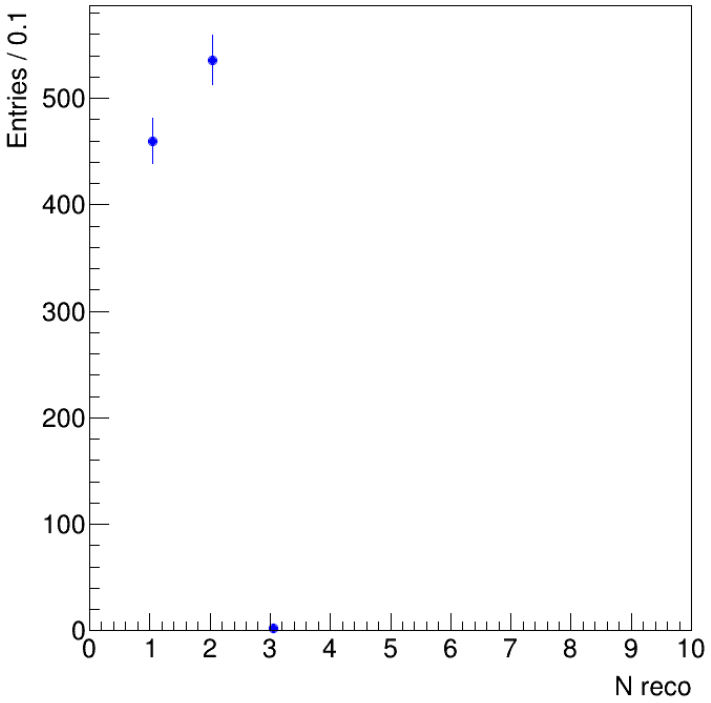
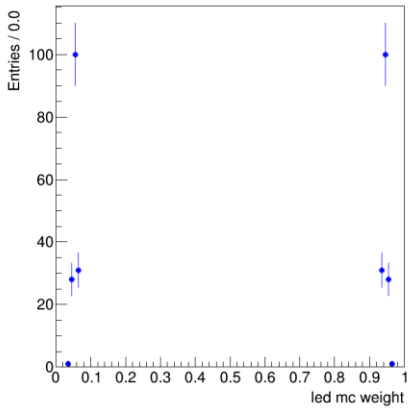
Test MCRecoParticleAssociation

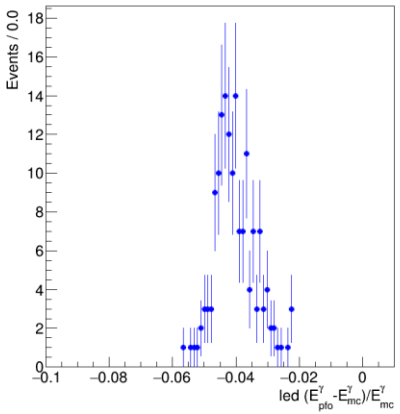
- Using Pandora to reconstruction two gammas and make relations between reconstructed gamma and MC gammas
- The weight of relation is given according to the energy contribution of the MC particle in the reconstructed gamma
- Code update:
  - In GtGunTool add a function to create a second particle with different momentum
  - Add a Digi_Calo Algo for creating digi hit from sim hit (simply merge by cell id), also creating the relation between sim hit and digi hit
  - Update PandoraMatrixAlg to create the relation between reconstructed particle and MC particle using calor hit information

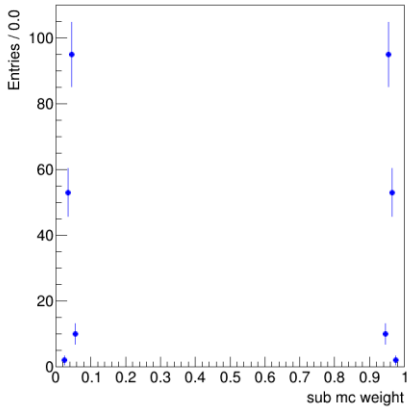
Test MCRecoParticleAssociation

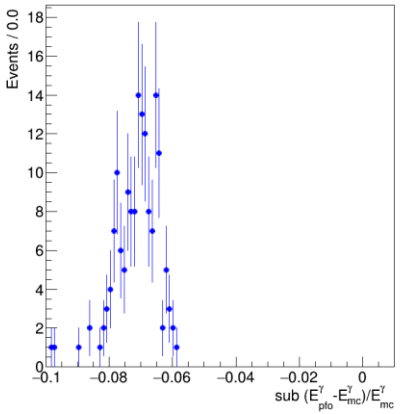
- Gamma1 (E=10GeV, θ=90°, ϕ=0°) , Gamma2 (E=10GeV, θ=90°, ϕ=1°), distance ~ 3 cm in Matrix Ecal surface











Test MCRecoParticleAssociation

- Gamma1 (E=10GeV, θ=90°, ϕ=0°) , Gamma2 (E=10GeV, θ=90°, ϕ=3°), distance ~ 9 cm in Matrix Ecal surface