ECAL

➢ 100 events for γ(E=5GeV, $\theta = 60°, \phi = 0$), no B filed.

➢ Check the sim hit distribution between CEPCSW and CEPC (ilcsoft).
➢ This time the x value seems matched.
➢ The total number of sim hit is different, maybe related with G4 simulation configurations.
➢ see normalized one in next slide.

ECAL
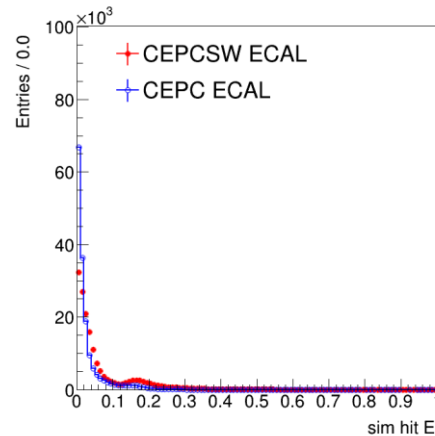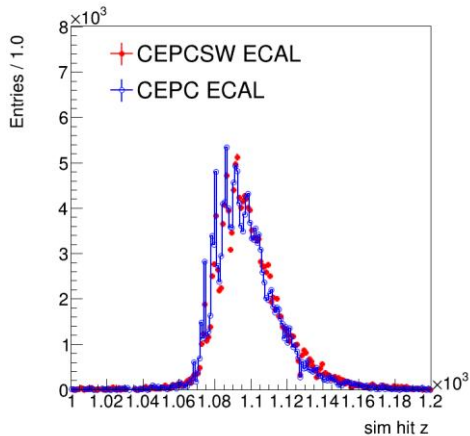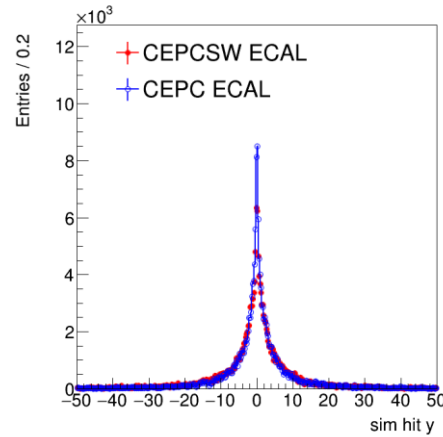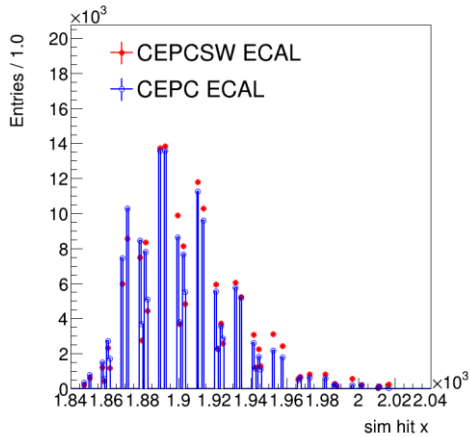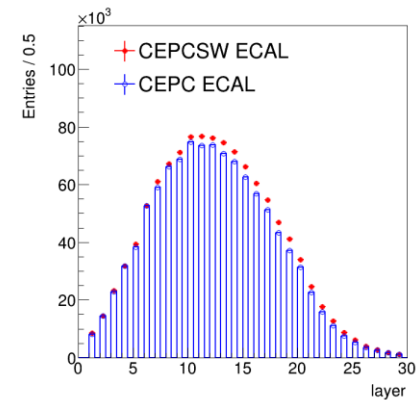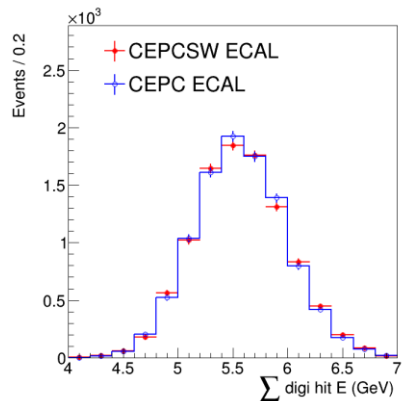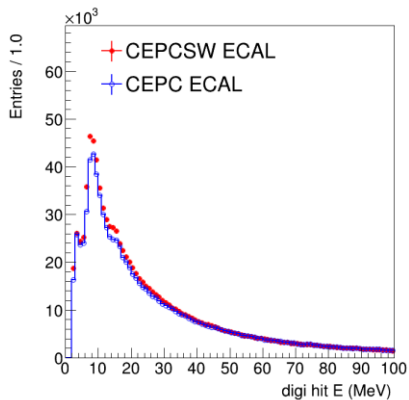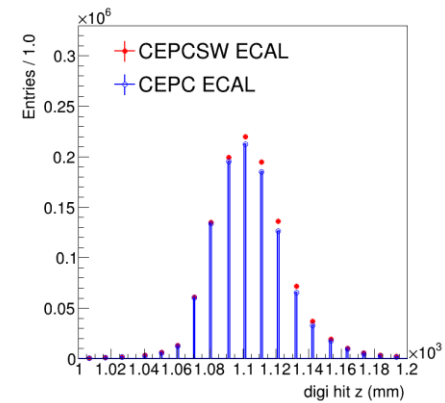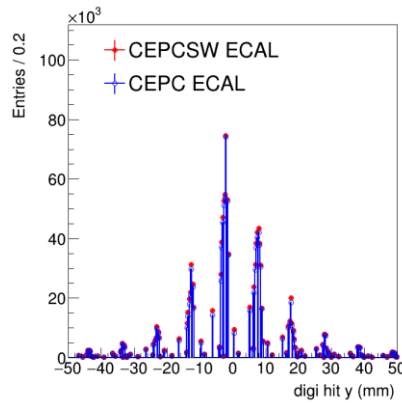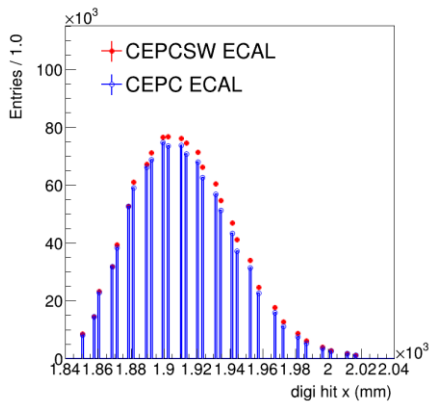
> 100 events for γ(E=5GeV, $\theta = 60°, \phi = 0$), no B filed.

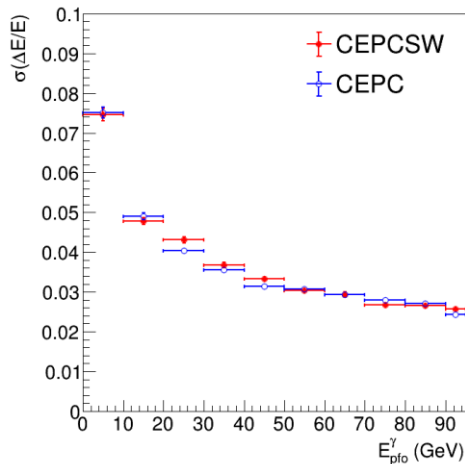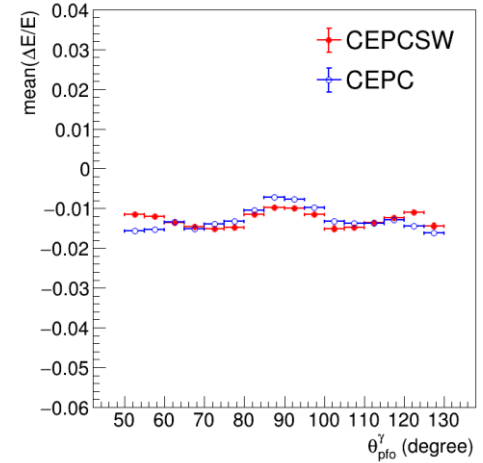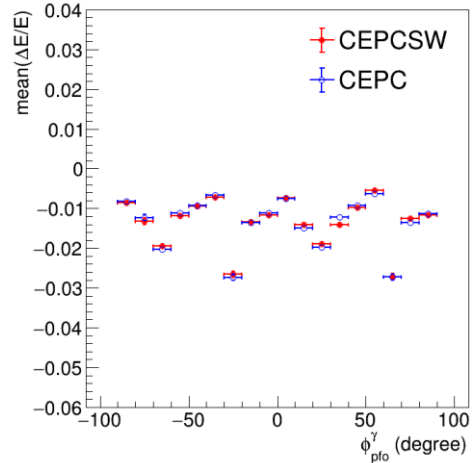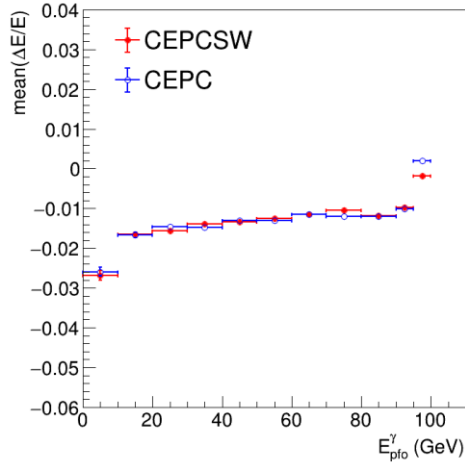> Normalized in total number of sim hits.
> The shapes of sim hit distribution have some difference, maybe related with G4 simulation configurations.
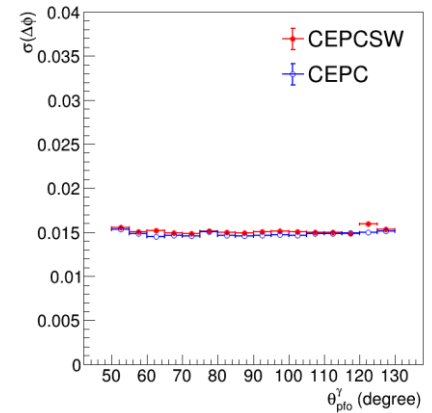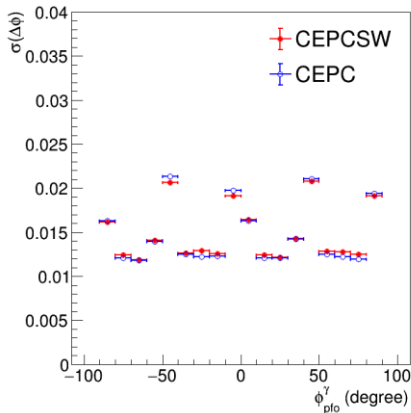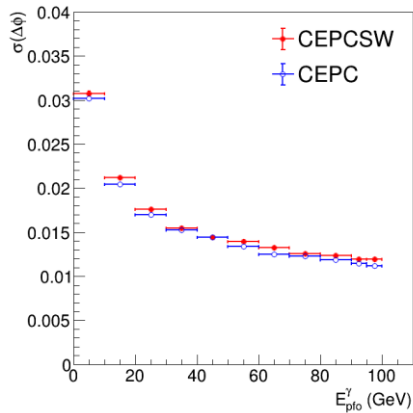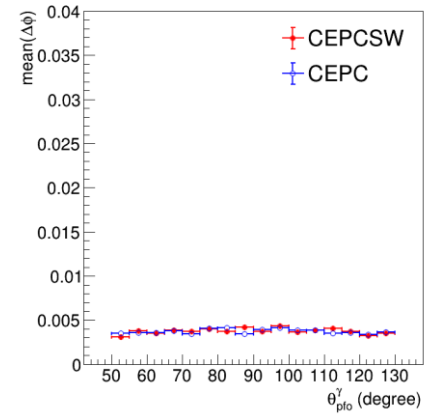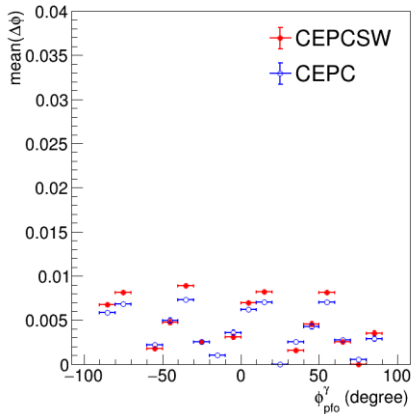
ECAL

> ➢ **10000** events for γ(E=5GeV, $\theta = 60°, \phi = 0$), B filed.

> ➢ Digi hit distributions. Change the calibration constant from [48.16, 96.32] to [46.538, 93.077]

physics performance check (rec E)
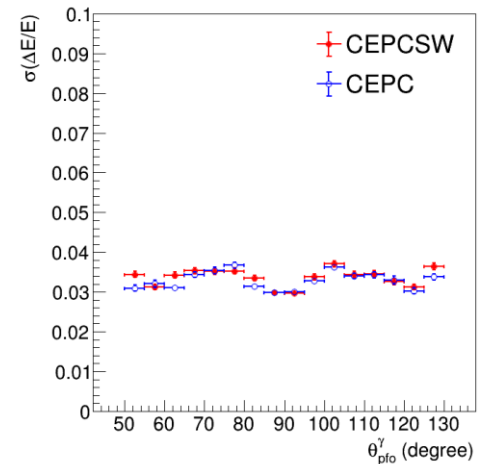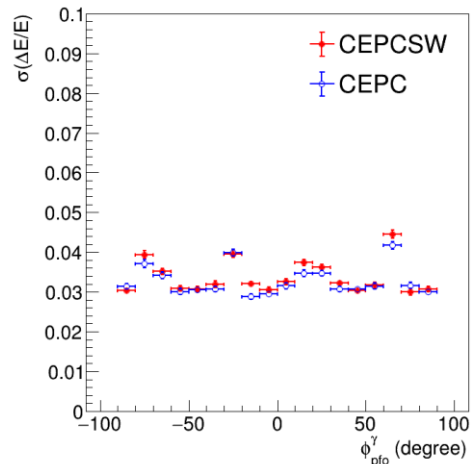
physics performance check (rec ϕ)
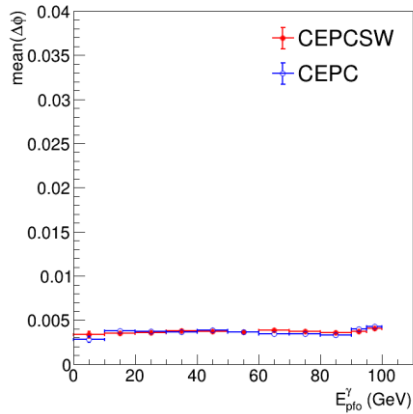
physics performance check (rec θ)

ECAL Endcap+

➢ **10000** events for γ(E=5GeV, $\theta = 30°, \phi = 0$), B filed.

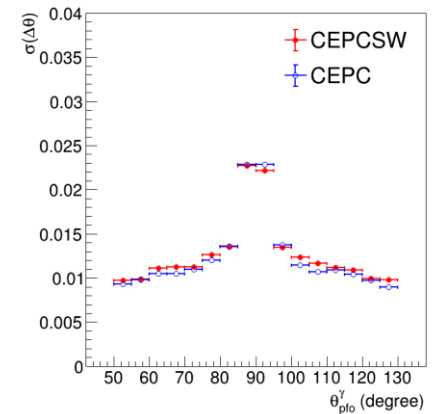➢ Digi hit distributions. Change the calibration constant from [48.16, 96.32] to [46.538, 93.077]

Thank You !
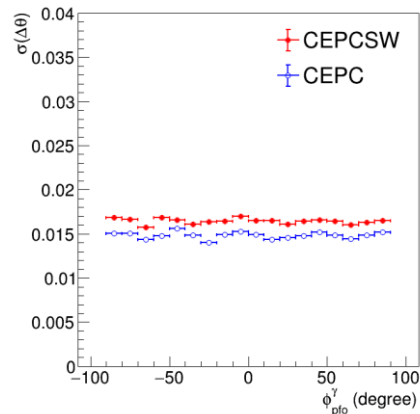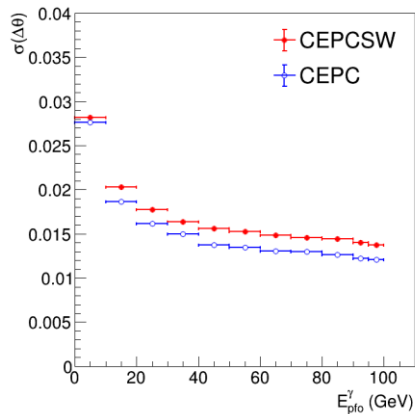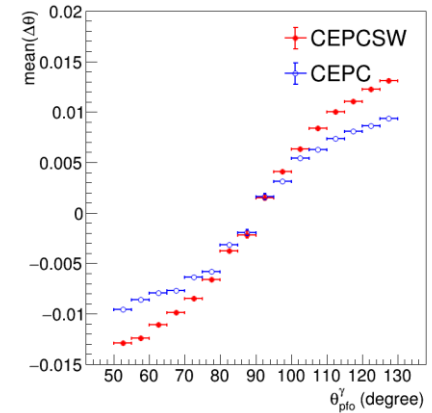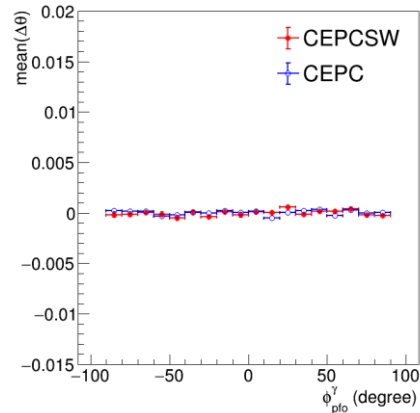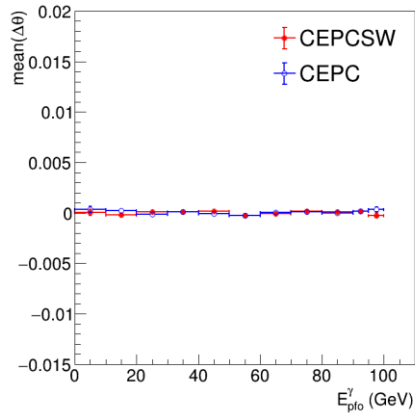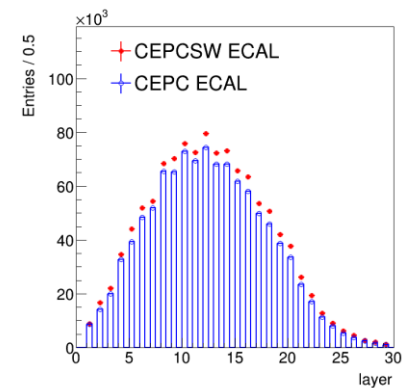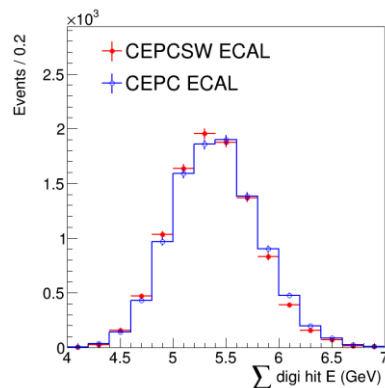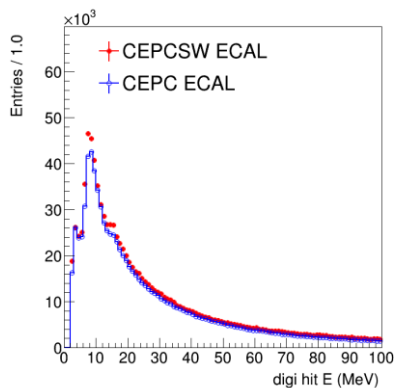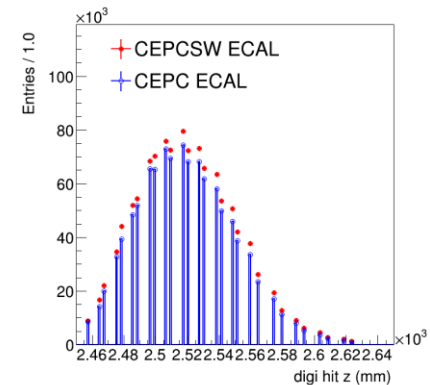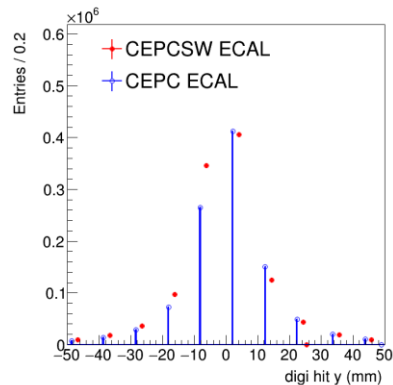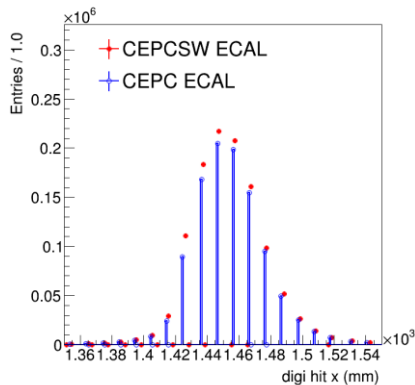谢谢