

Status

Yu Zhang

07.27

HgammMC15.cfg

```
PhotonHandler.Selection.ApplyAuthorCut: YES
PhotonHandler.Selection.ApplyQualityCut: YES
PhotonHandler.Selection.ApplyIsoCut: YES
PhotonHandler.Selection.IsoCriteria: Tight Loose
PhotonHandler.Selection.ApplyPIDCut: YES
PhotonHandler.Selection.PID: Tight Loose
PhotonHandler.Selection.ConfigFile: ElectronPhot
ctorCutDefs.conf
+PhotonHandler.Selection.ConfigFile: ElectronPhot
ctorCutDefs.conf
PhotonHandler.Selection.ForceConvertedPhotonPID: NO
PhotonHandler.Selection.ForceNonConvertedPhotonPID: NO
PhotonHandler.Selection.MaxAbsEta: 2.37
PhotonHandler.Selection.PtPreCutGeV: 25.0

# Rejection and definition of barrel-endcap crack
PhotonHandler.Selection.ApplyCrackRejection: YES
PhotonHandler.Selection.BarrelMaxAbsEta: 1.37
PhotonHandler.Selection.EndcapMinAbsEta: 1.52
```

photonHandler()

- photonHandler()->getCorrectedContainer()
get reco photons and calibration
- photonHandler()->applySelection()
apply pT ,eta,PID,Iso cut
- photonHandler()->passPIDCut()
apply PID cut to one gamma

reading examples

- RecoEff.cxx
- PhotonFakeRate.cxx

questions from me

- Why we need Good Run List
- succeed running locally ,but fail running on grid for unknow reasons