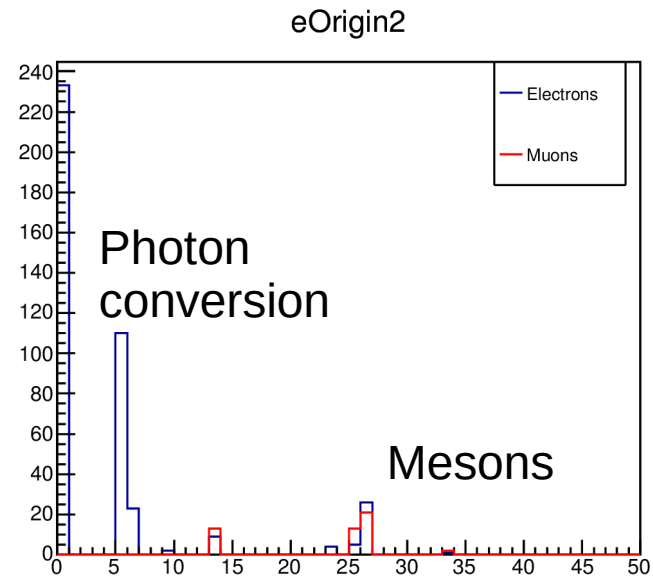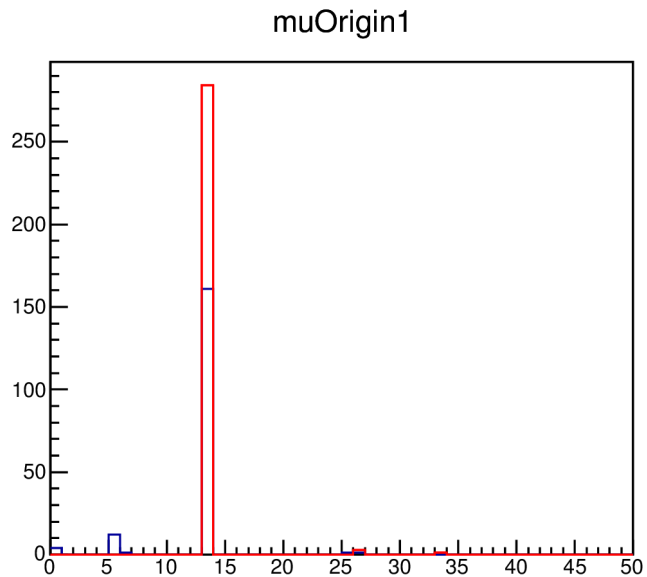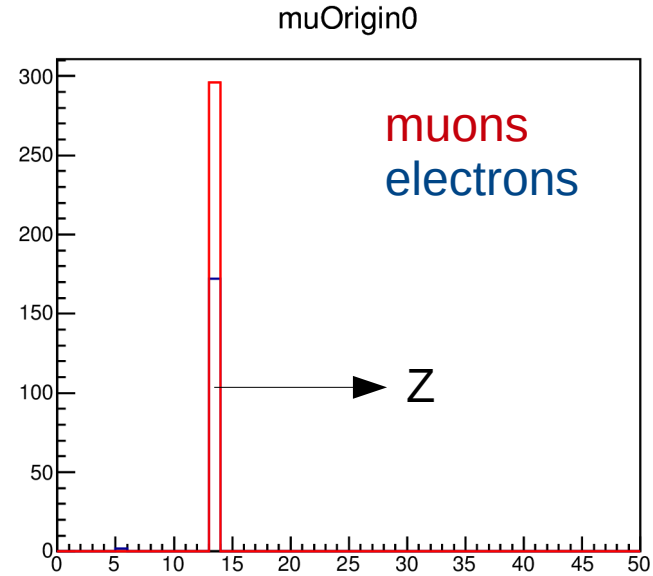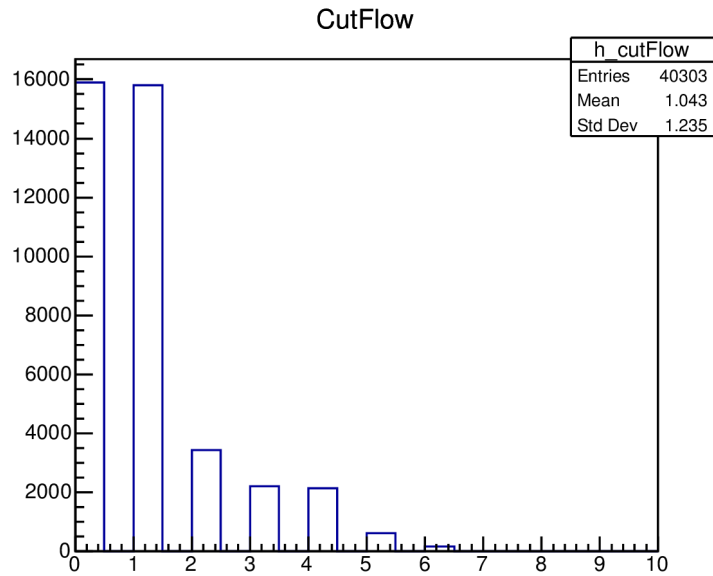# Fake Factor Estimation

Fakes: Jets faking leptons, and non-prompt leptons
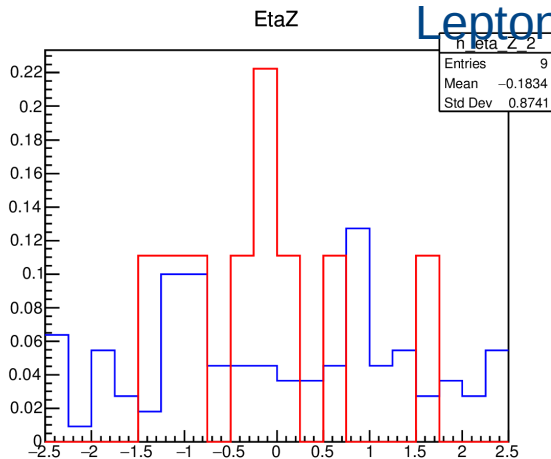
Real: Prompt leptons

Region definition
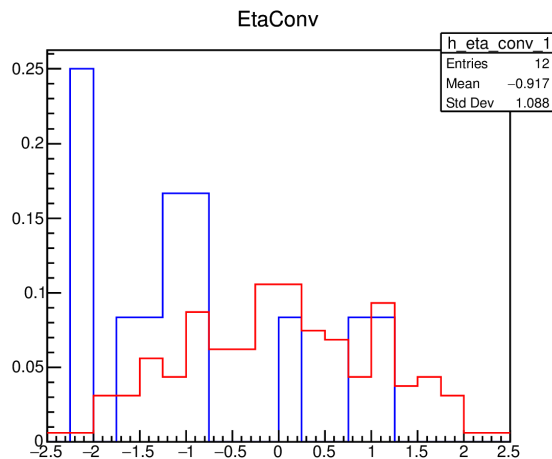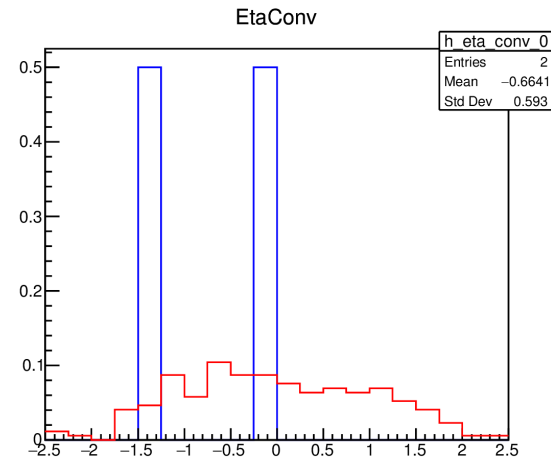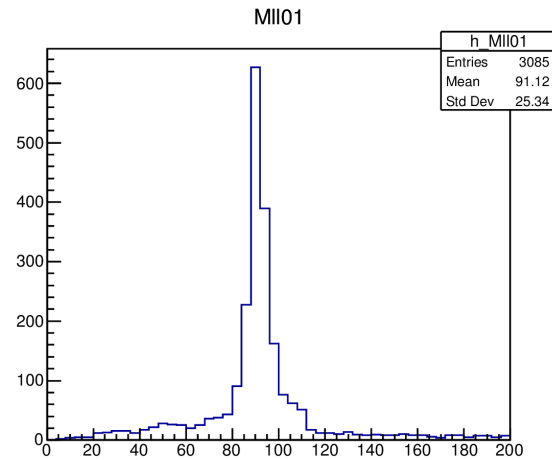
Z+ jets CR1

- 3 leptons, PT > 20 GeV

- At least 1 jet

- b-veto

- Only events in Z-window

- MET < 30

- Anti-tight isolation

- Aim is to study the truth information in Z+jets MC

Origin of the leptons

Eta of leptons

Leptons from Z
Leptons from gamma

- If leptons are from conversion, expect them to be forward. → Not the case

Issues

- Third lepton rarely comes from a jet
  - Mostly photon conversion
  - How to deal with this?