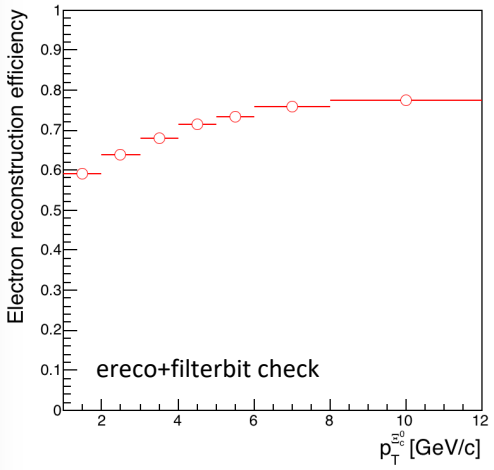
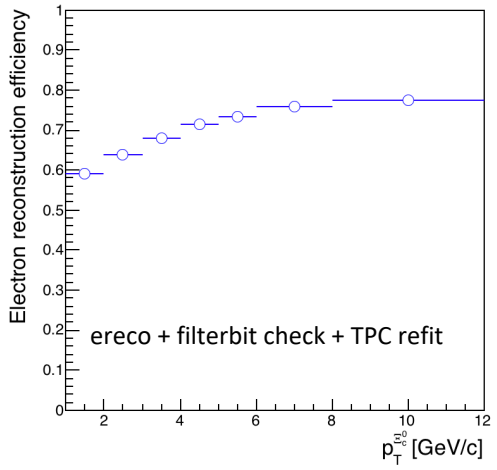
Xic Meeting

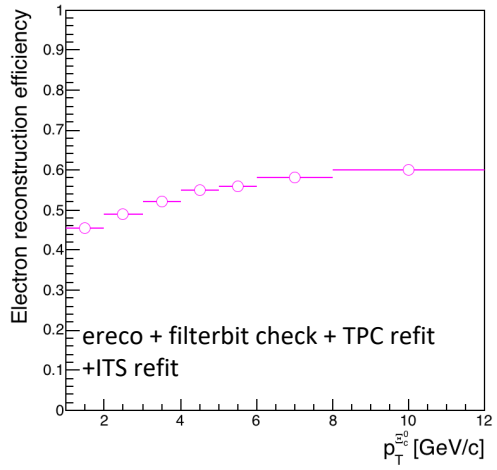
Jan 28th 2021

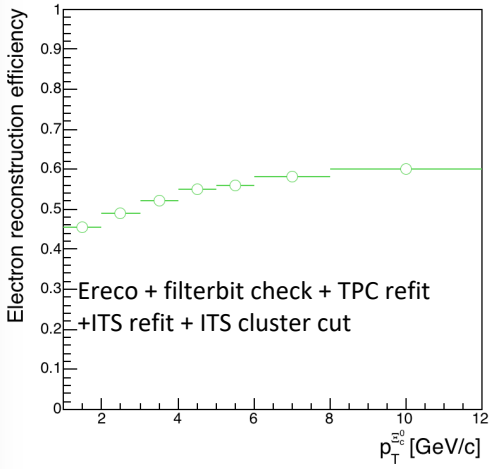
Jeongsu Bok

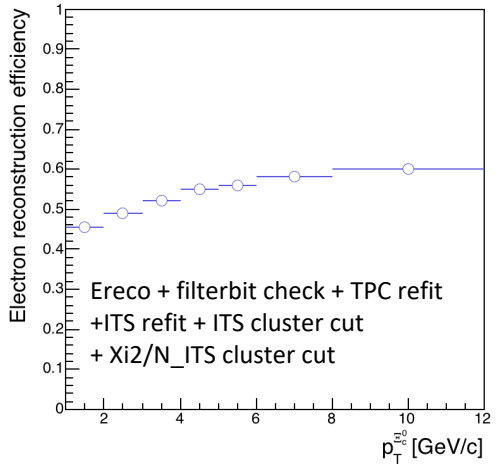
Electron reconstruction efficiency (new MC)

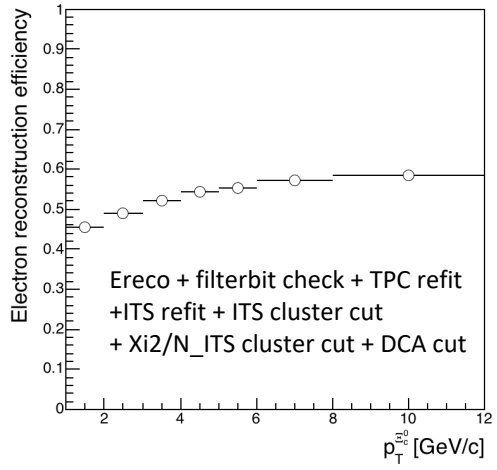






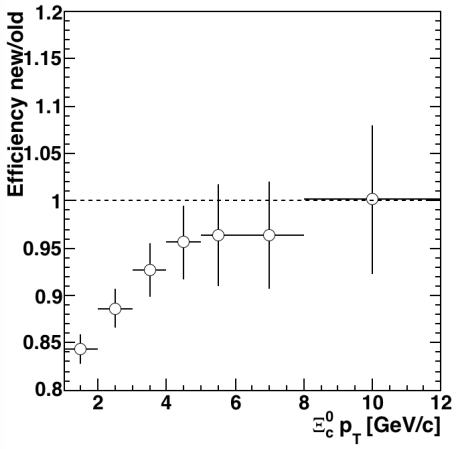


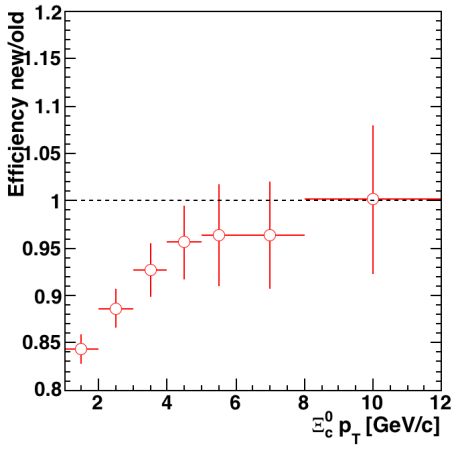


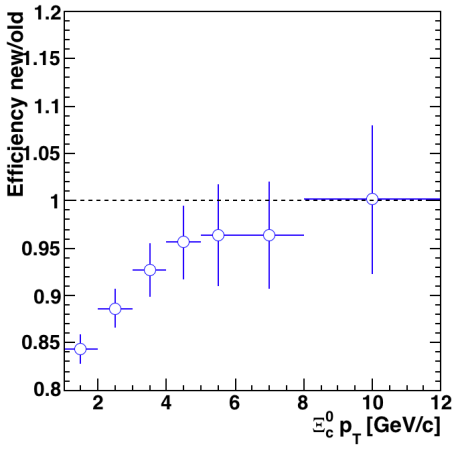


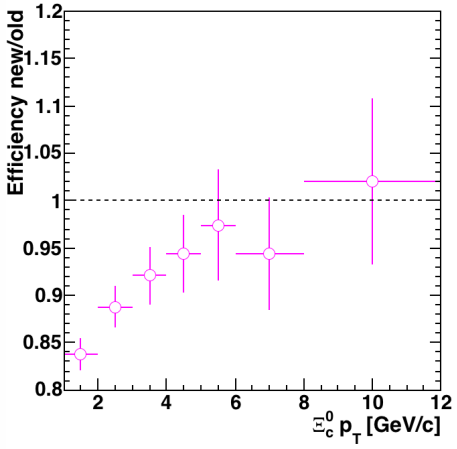
- just before entering standard cuts
  - TPC refit:
    - SetRequireTPCRefit(kTRUE);
  - ITS refit:
    - SetRequireITSRefit(kTRUE);
  - ITS cluster cut : 2
  - Xi2/N_ITS cluster cut:
    - SetMaxChi2PerClusterITS(36)
  - DCA cut
    - SetMaxDCAToVertexXY(1.0);
    - SetMaxDCAToVertexZ(2.0);

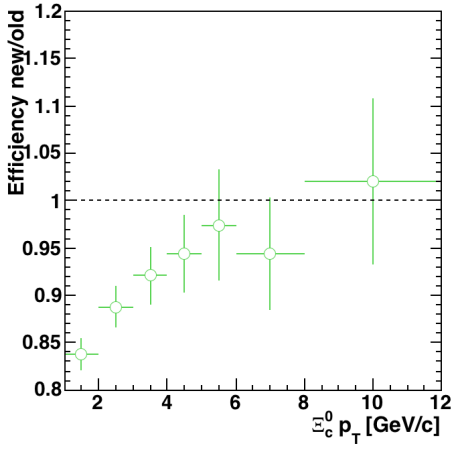
Ratio new/old

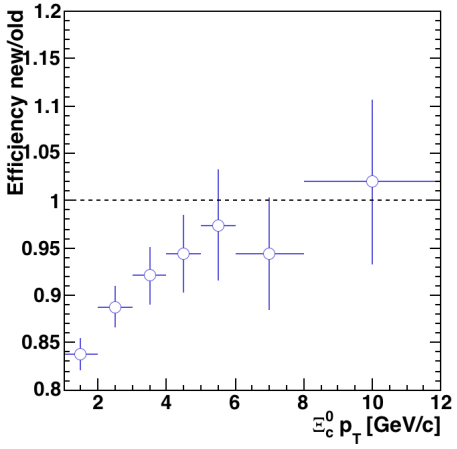












- New one is smaller (~10%) in low pT

Plan

- Xi efficiency
- Apply other cuts
- compare details