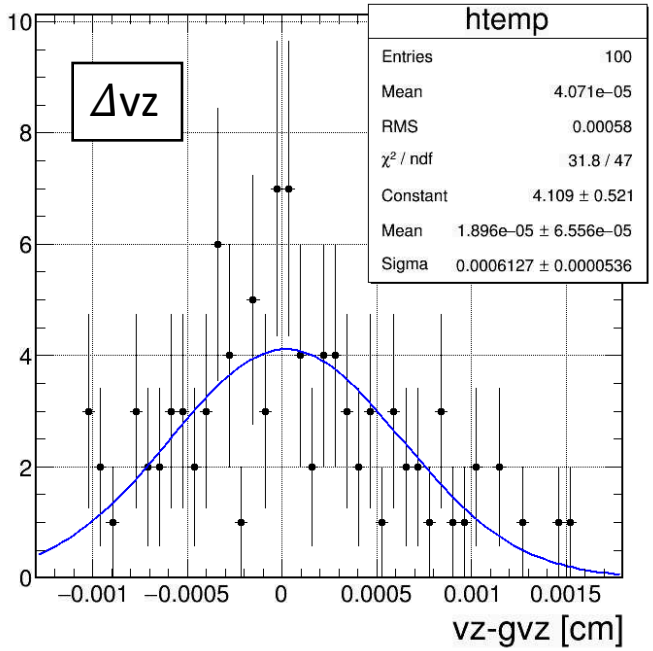
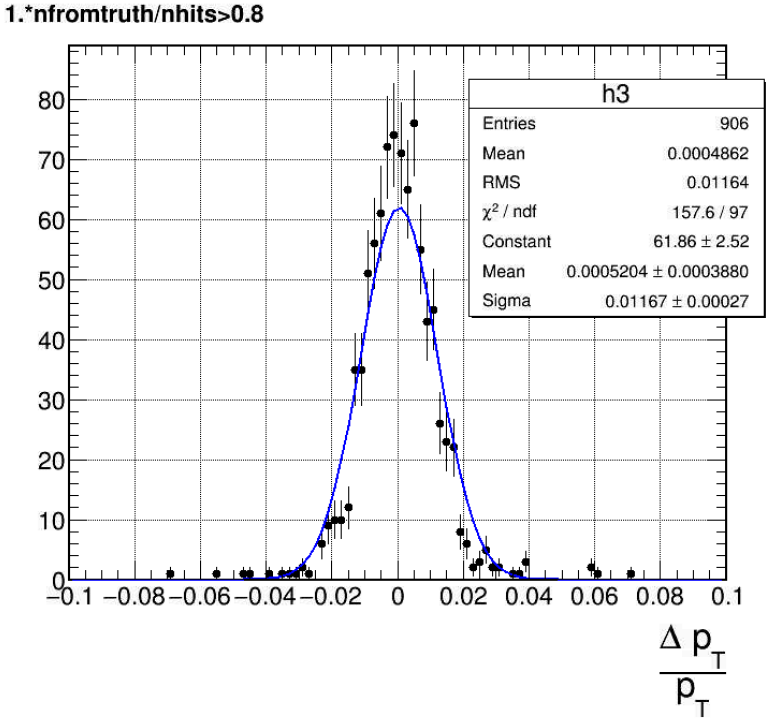
PR307

10 5GeV pion events
from vertex (0, 0, 5) cm

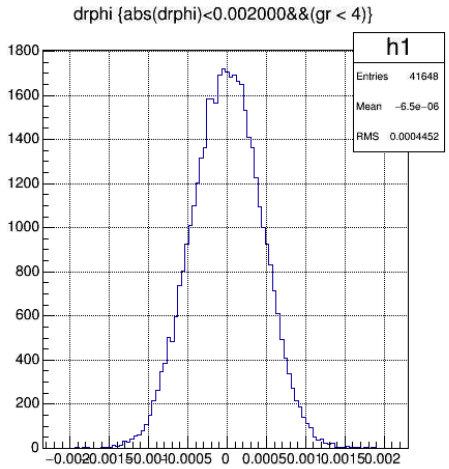


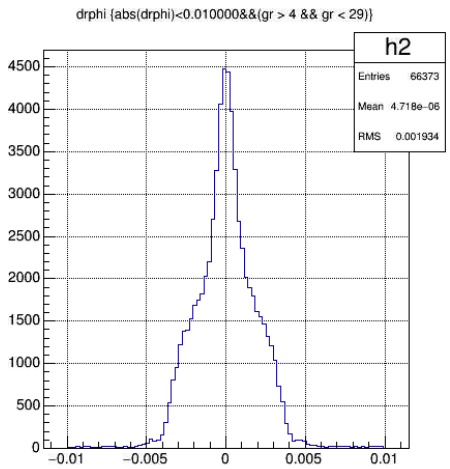


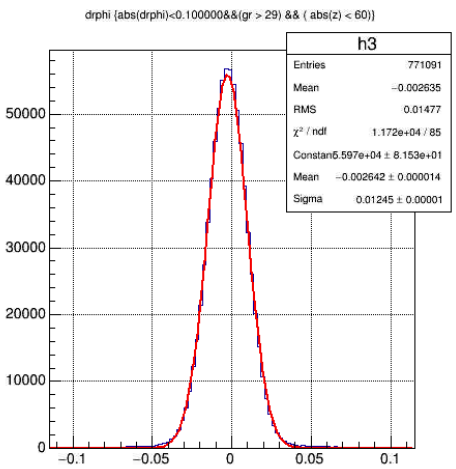
Tony and Sourav's Testing on PHG4KalmanPatRec

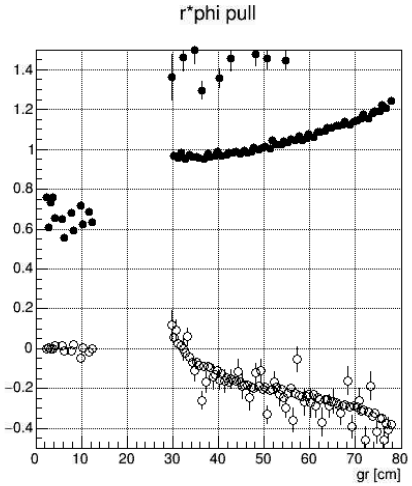
Anthony Frawley(FSU), Sourav Tarafdar(VU)
Haiwang Yu (NMSU)

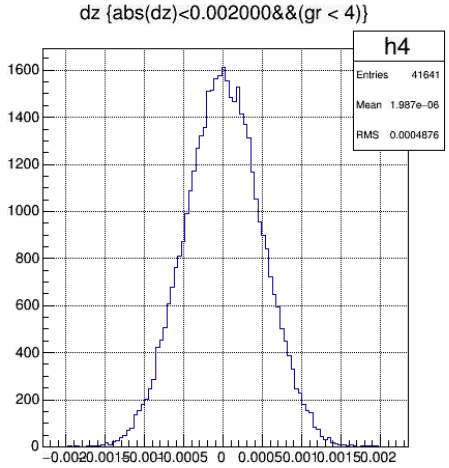
Tony, cluster distribution

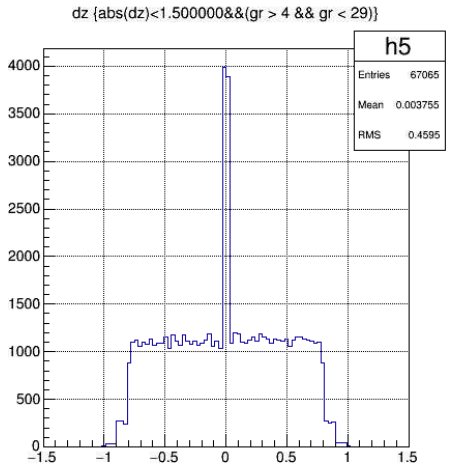


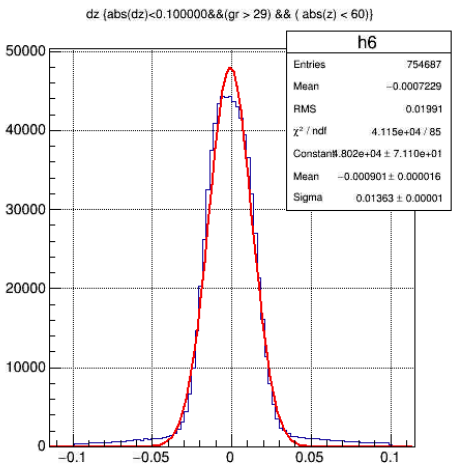


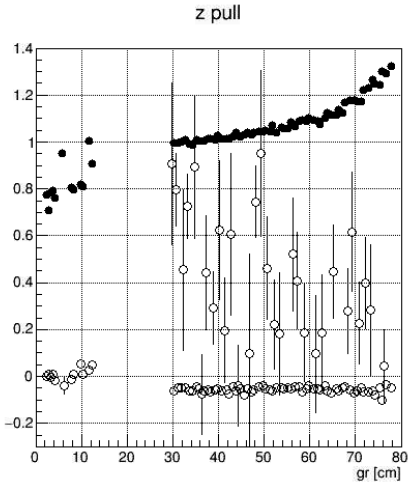




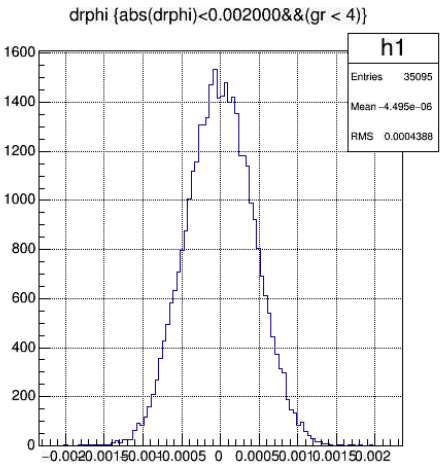


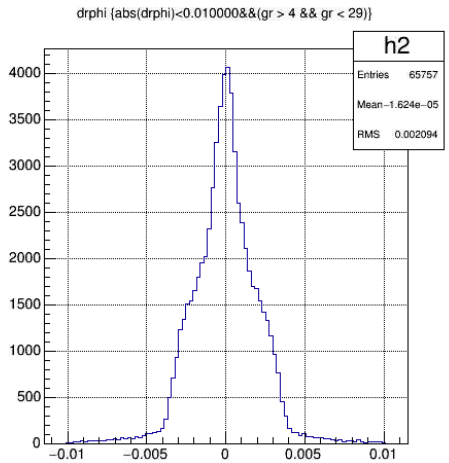


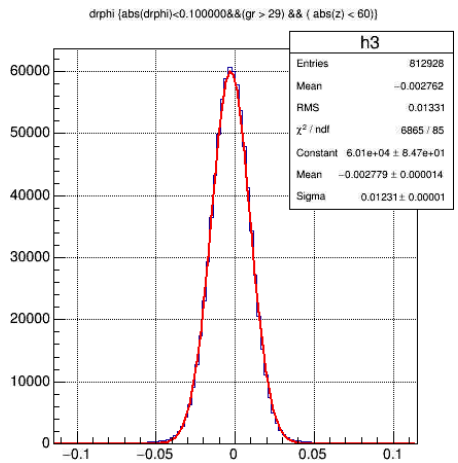


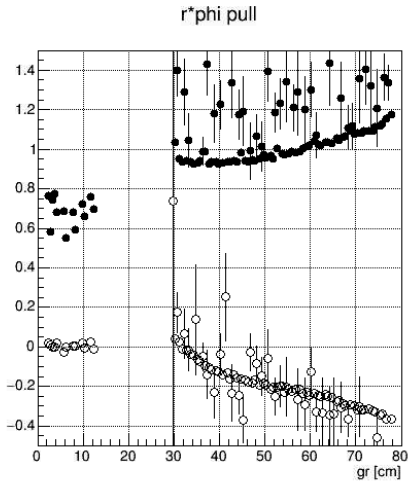


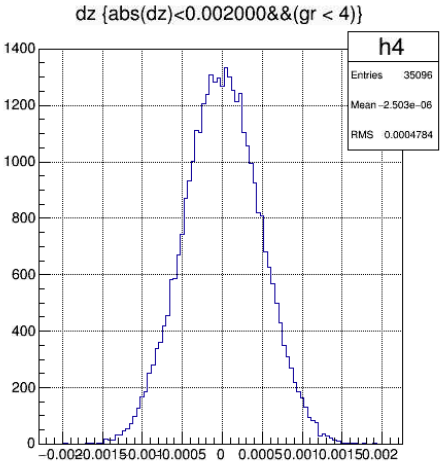
Sourav, cluster distribution

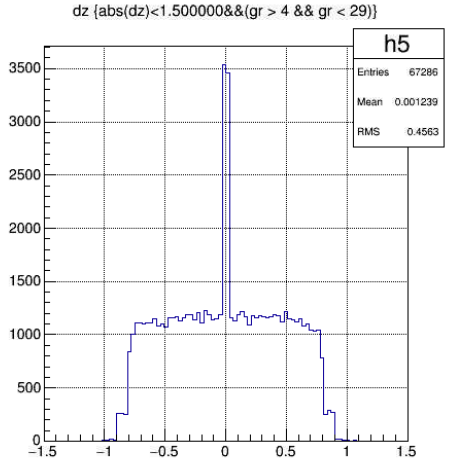


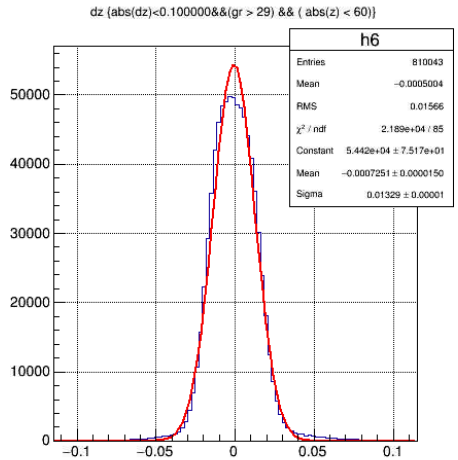


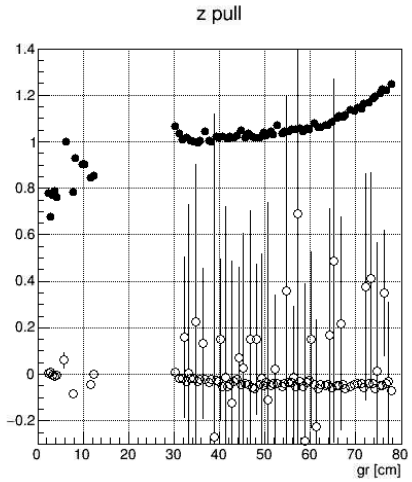










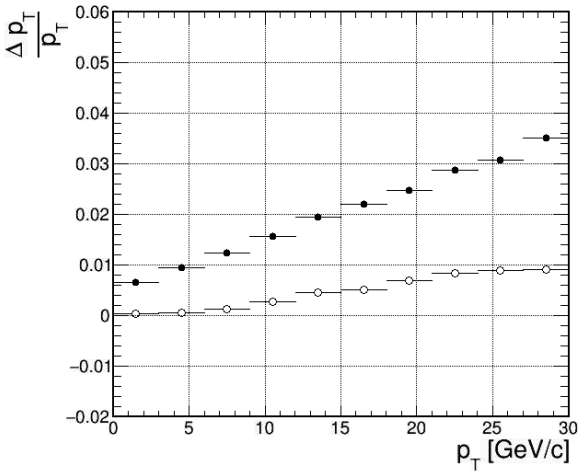


Compare, pT reco.

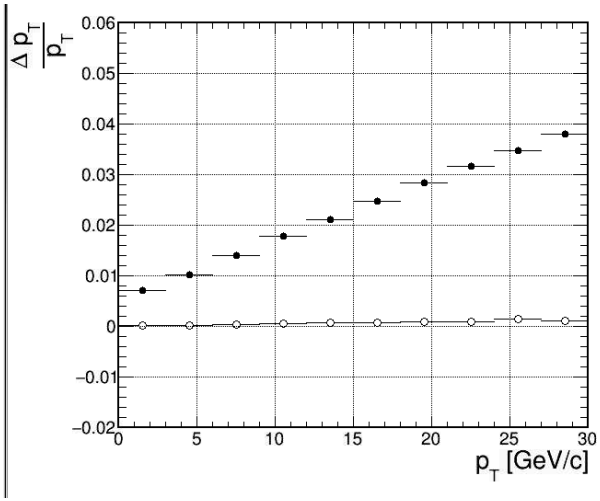
pT resolution and offset

Sourav's offset looks very nice which is very interesting

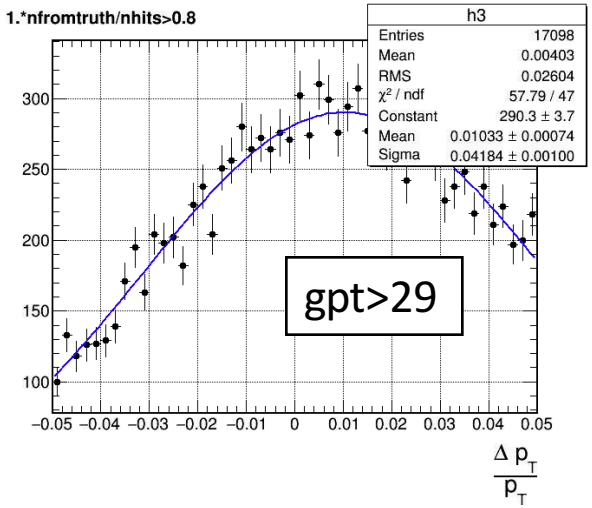
Tony

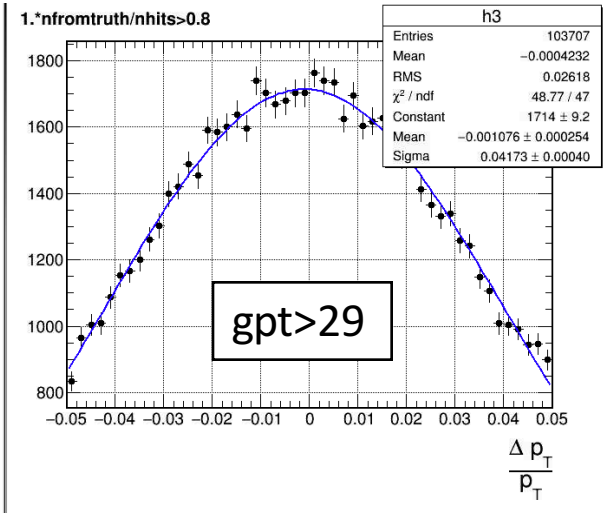


Sourav



ΔpT for the gpt>29GeV





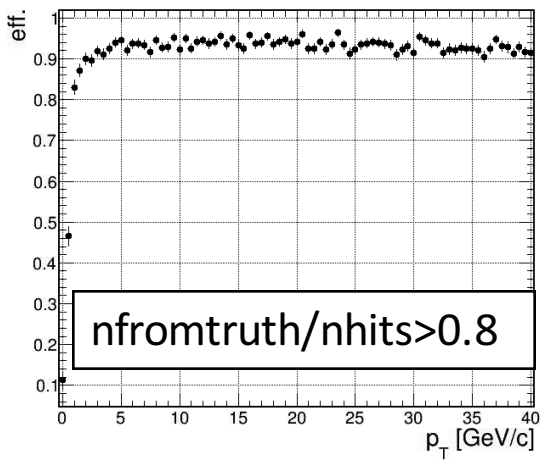
Compare, eff.

tracking eff. vs. gpt
using ntp_gtrack tree

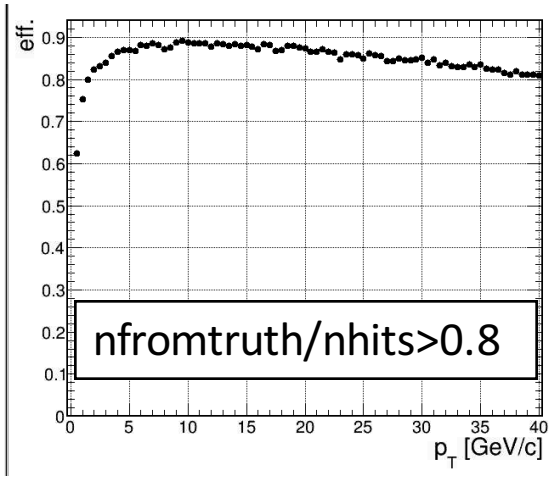
cut:

- nfromtruth/nhits>0.8
- no momentum matching cut

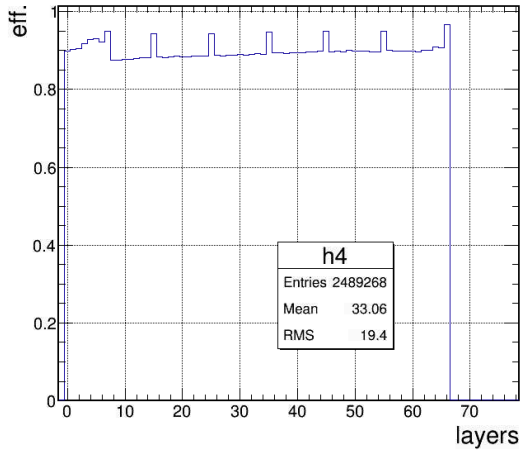
Tony

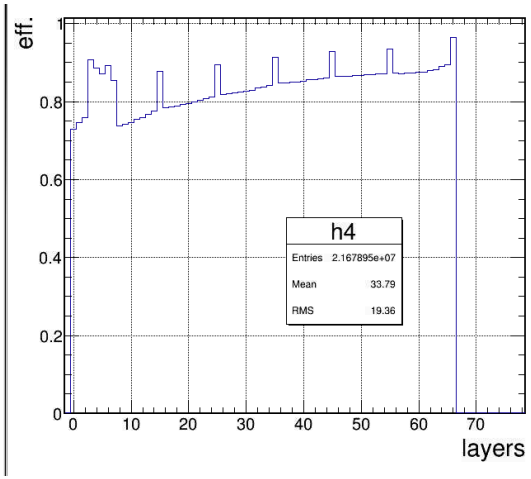


Sourav



cluster association eff. vs. layer
Sourav's plot looks like using an older version

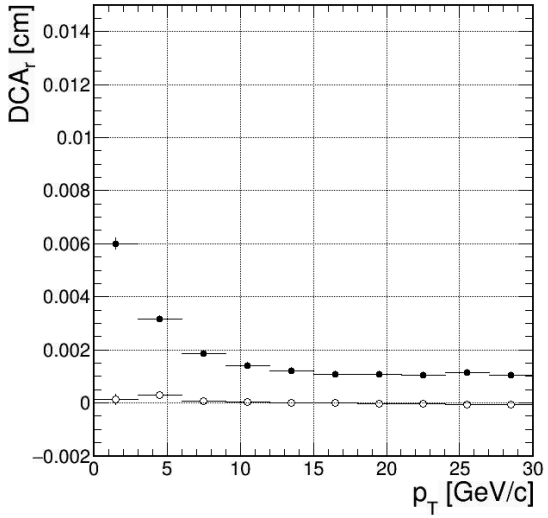




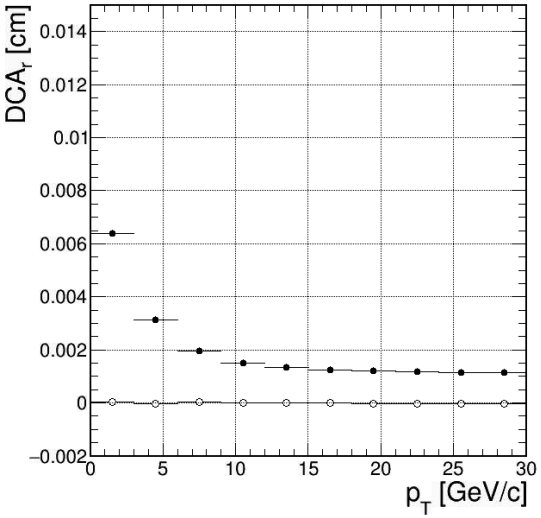
Compare, DCAr

DCAr resolution and offset

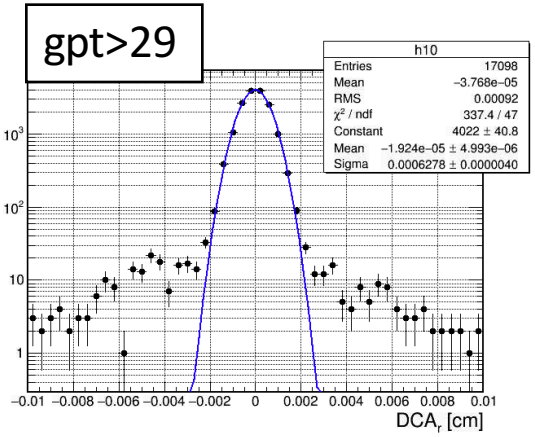
Tony

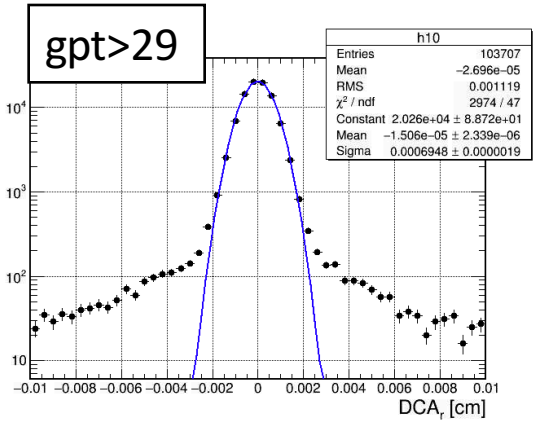


Sourav

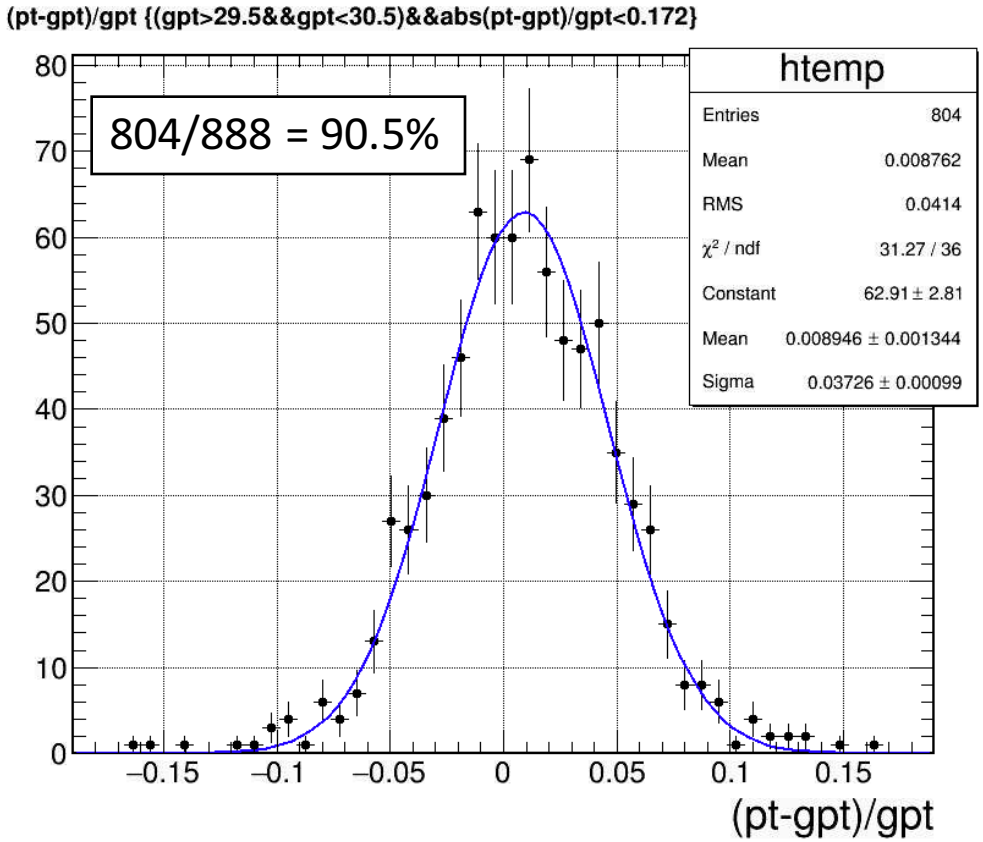


DCAr distribution for gpt>29GeV





Plot made form Tony's eval ntuples



Backups