

Quick Updates 10/12

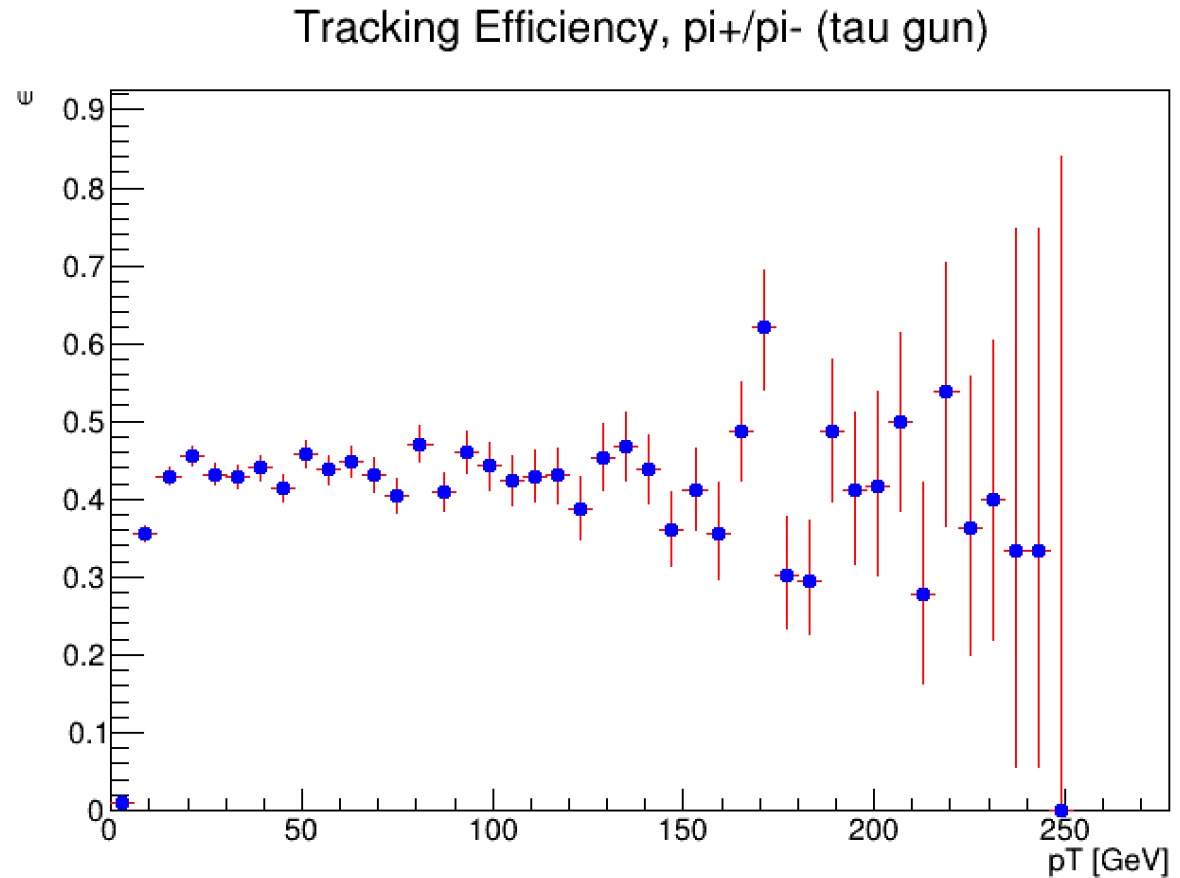
- Working with new sample
- Setback on tracking efficiency
- Working with Simone to get to the bottom of it

New Sample

- Tau gun, flat in pT from 5-250 GeV
- No BIB
- Reco'd with CKF tracking and default Pandora settings

Tracking Problems

- Tracking efficiency about half what it should be for charged particles
- In particular, charged pions (see plot)
- We have analyzed track matching with both the LCRelations and based on dR, both yield the same disappointing results



Tracking Problems cont'd

- Sergo and I are now working with Simone to get to the root of the issue
- Examining properties of matched and unmatched tracks, using TrackPerf package, etc
- Simone plans to try to reproduce the problem with a sample of his own