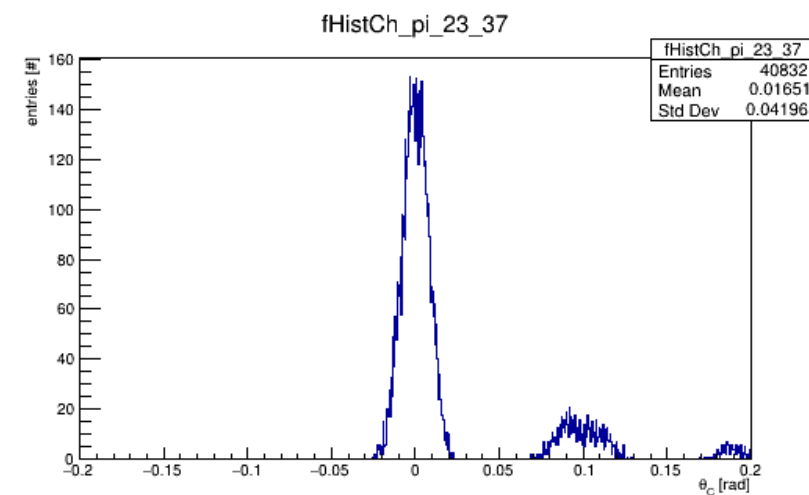
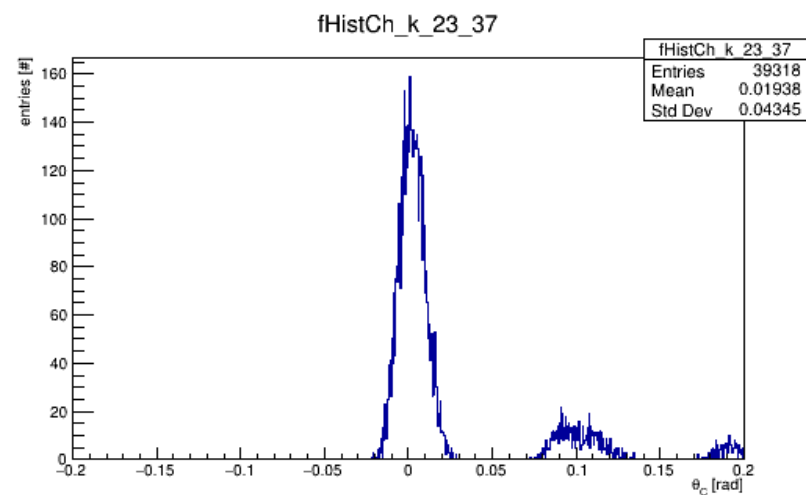
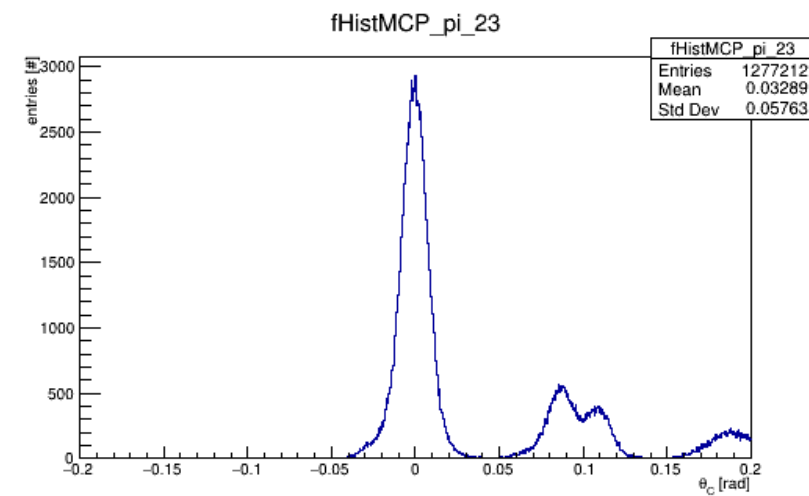
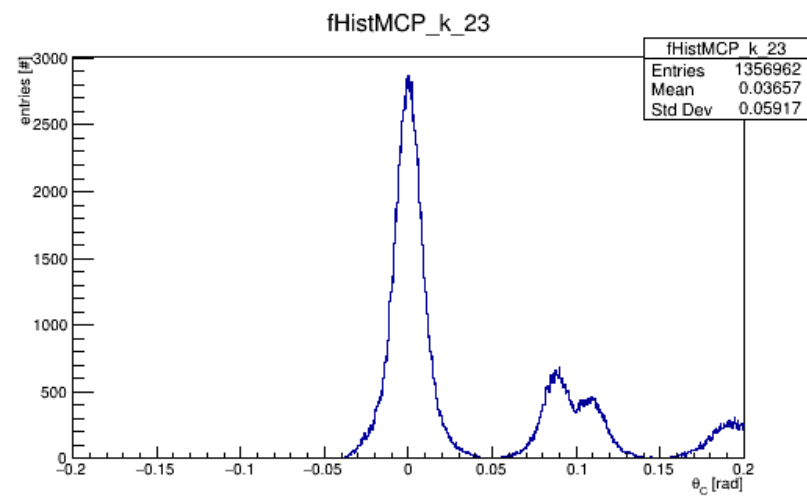
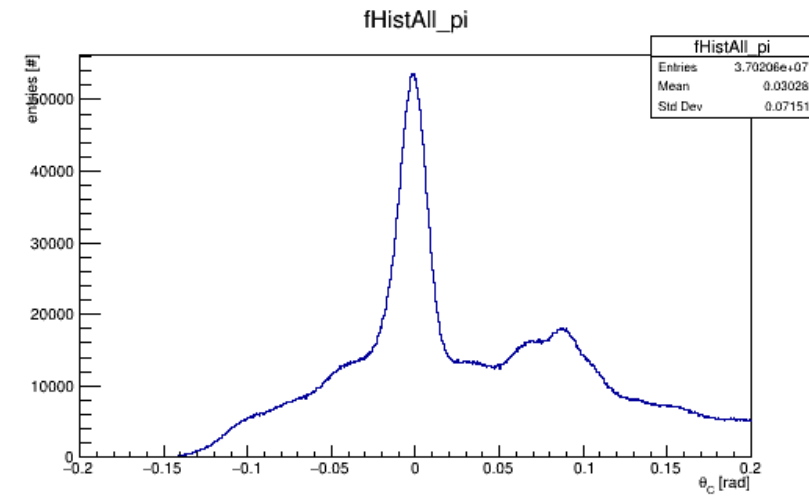
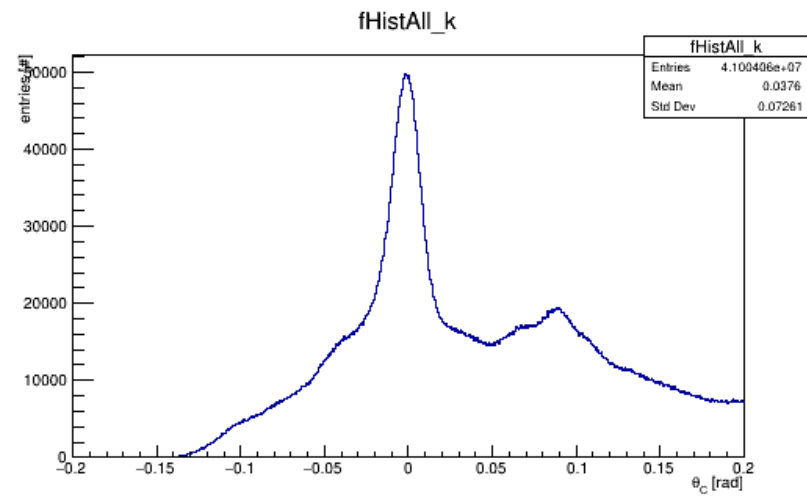


GlueX Cherenkov PDFs

A.Ali
5 Feb 2021

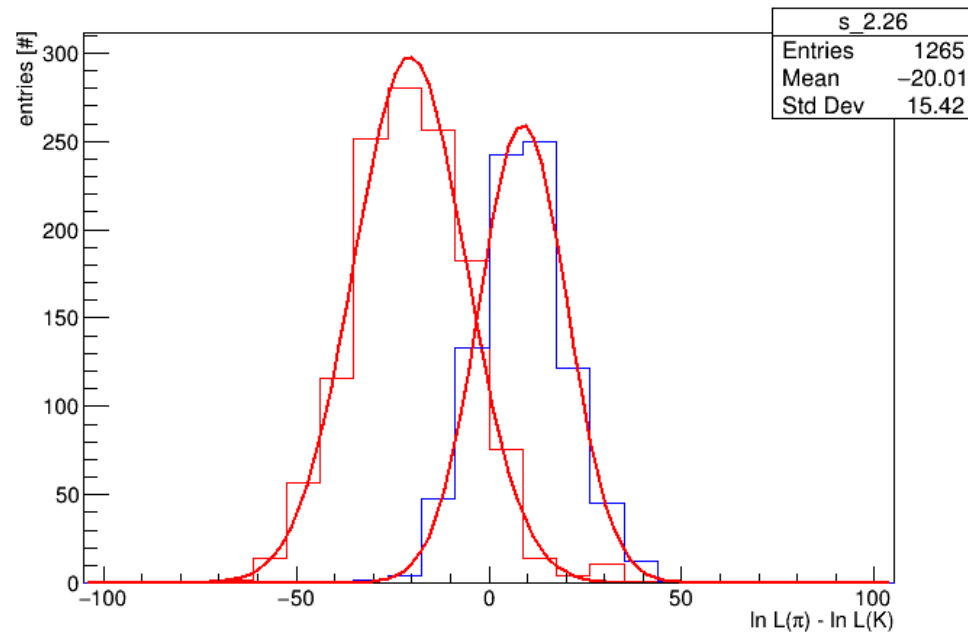
Delta PDFs Beam Data



Delta Cherenkov Beam Data PDFs, momentum range [1.5 - 4] GeV/c

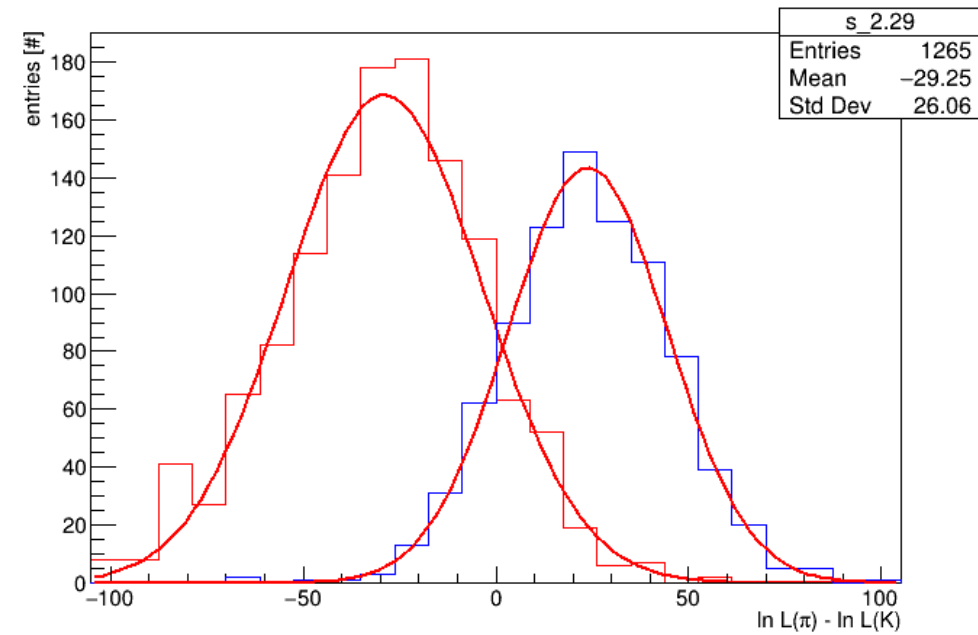
Beam Data Sample

2.26 s.d.



Standard Geo. Rico.

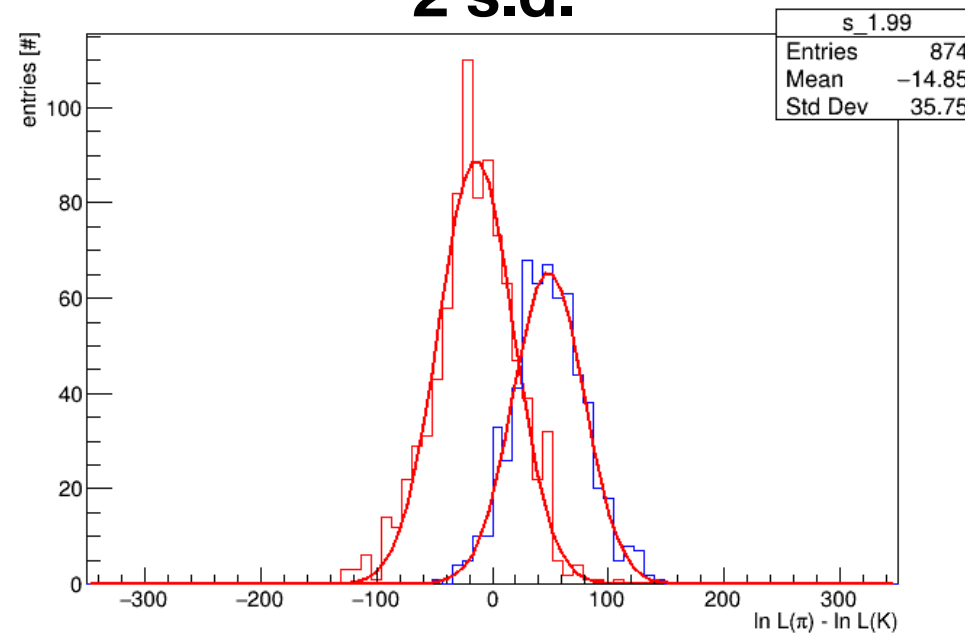
2.29 s.d.



Cherenkov Beam Data PDF

Momentum range
3.5 - 4 GeV/c

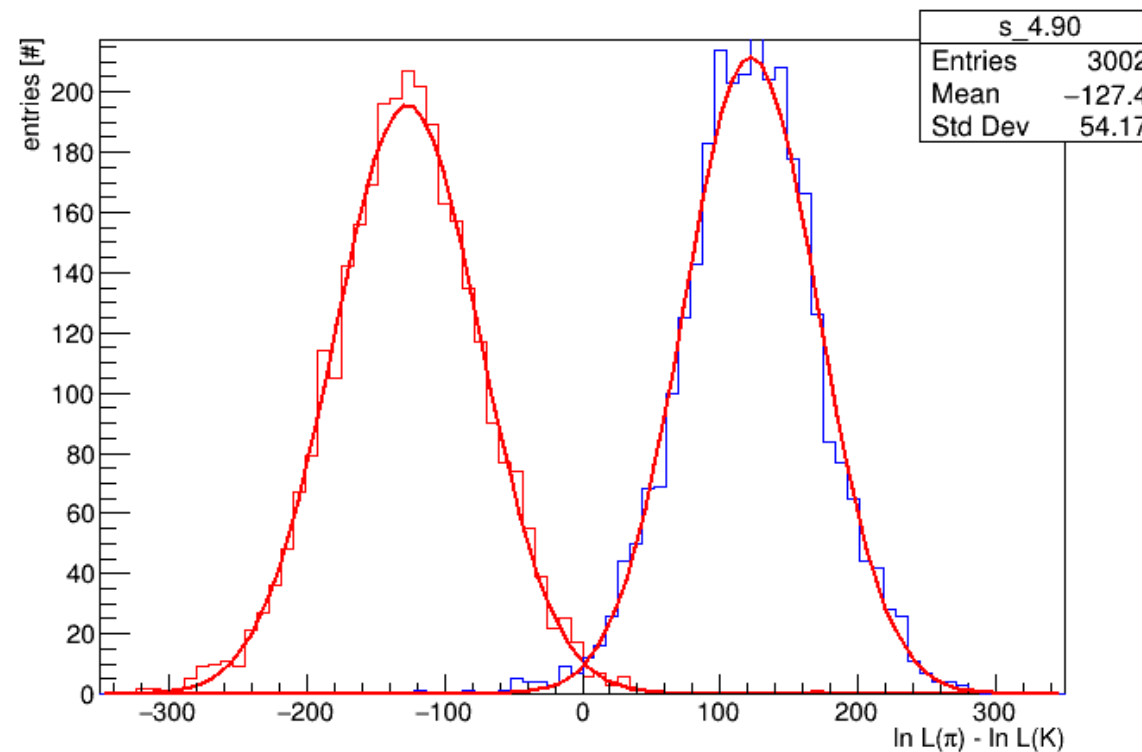
2 s.d.



Simulated Cherenkov PDF using particle gun

Particle Gun Sample

4.9 s.d.



Momentum range
3.75 GeV/c

Standard Geo. Rico.
4.72 s.d.

Simulated Cherenkov PDF using particle gun

Next

- Calibration sample (simulation) with/without photon reduction