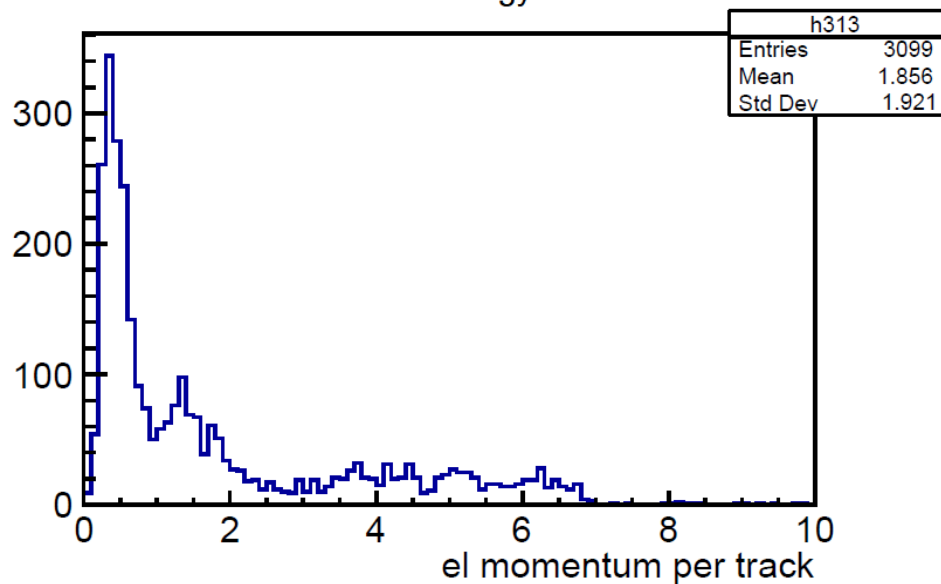
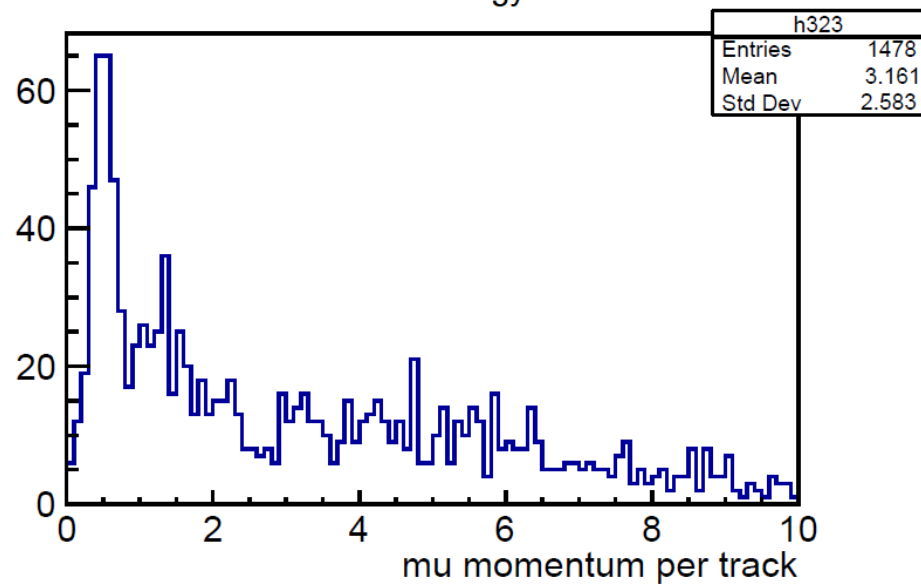


Phase2 Track Analysis Cont.

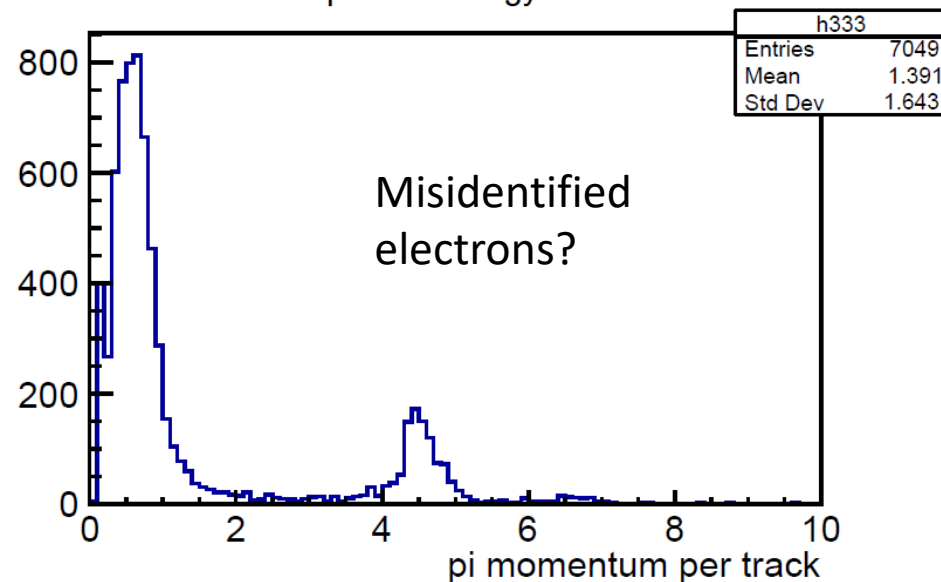
el track energy



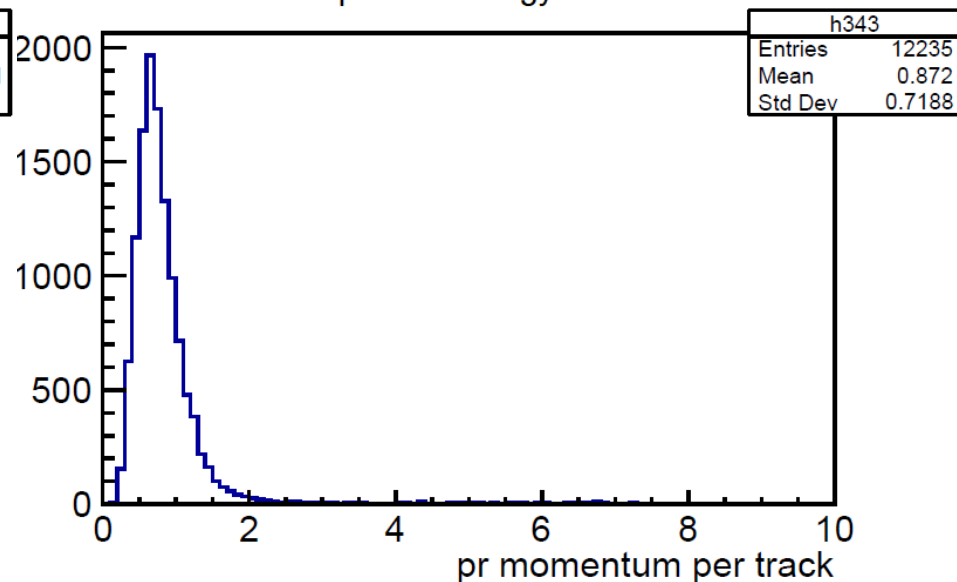
mu track energy

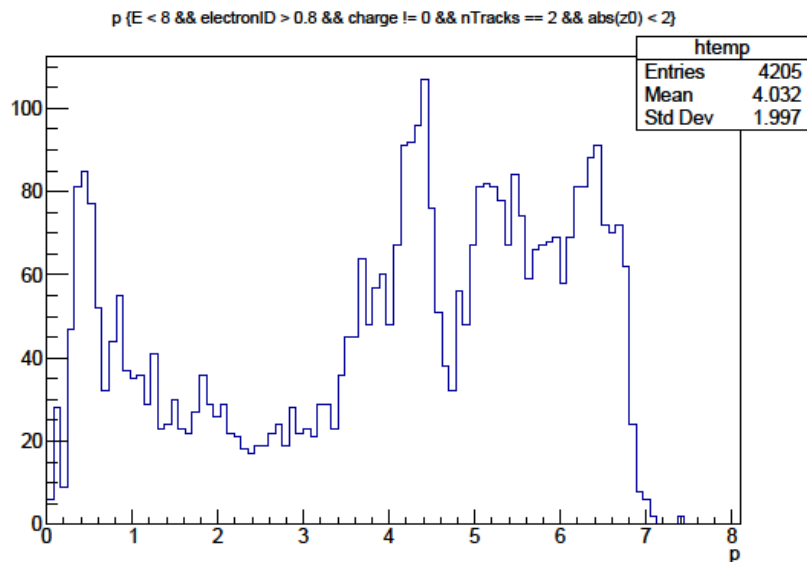


pi track energy



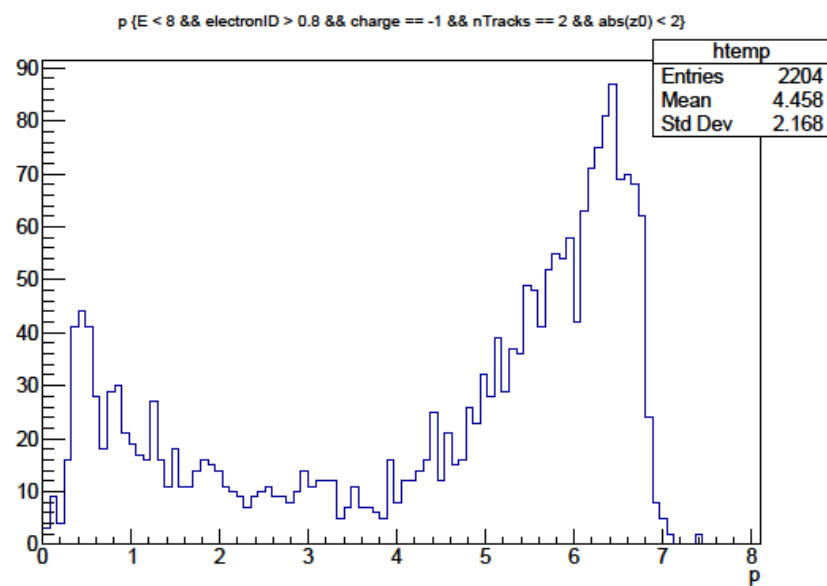
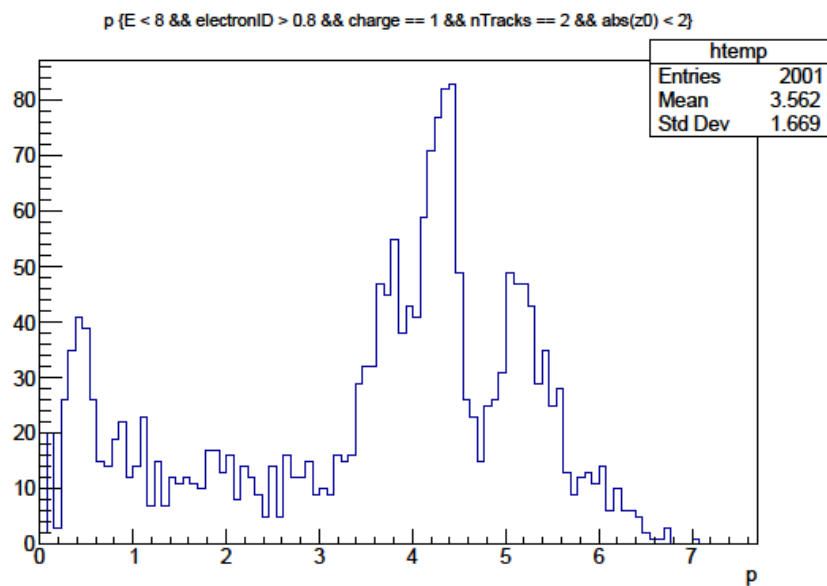
pr track energy

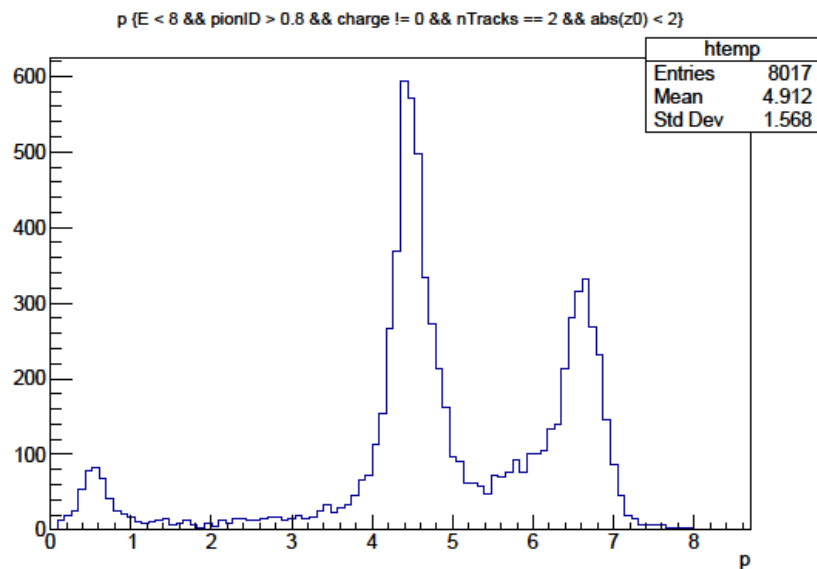




Electrons from the vertex

($|z| < 2$ cm)



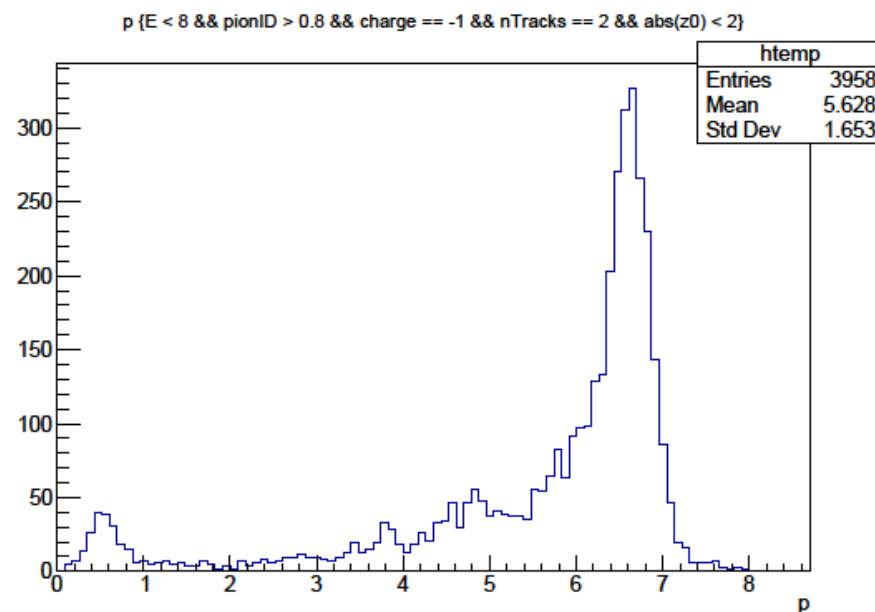
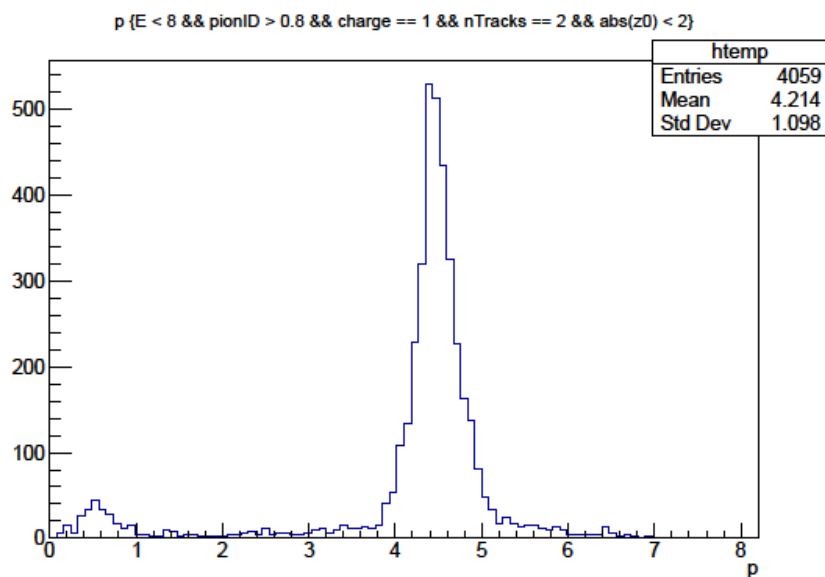


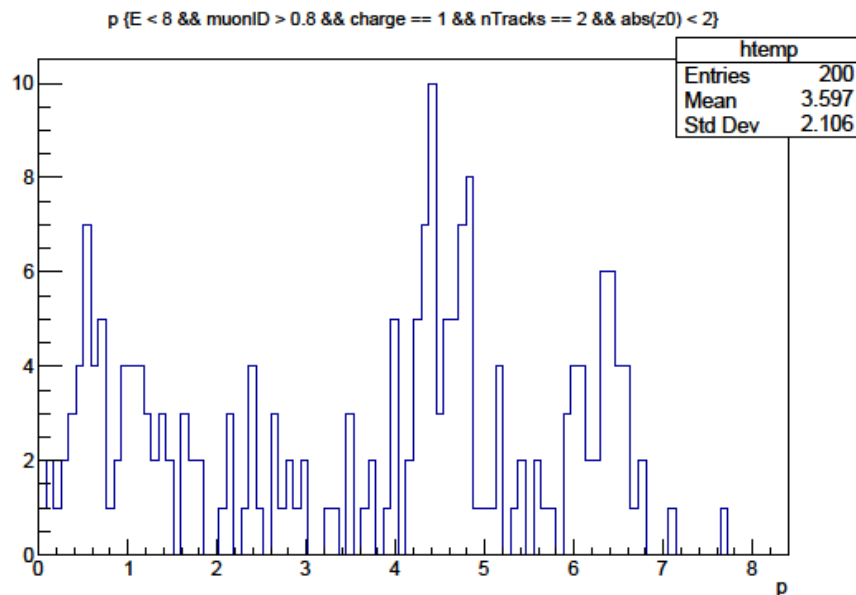
Pions from the vertex

($|z| < 2$ cm)

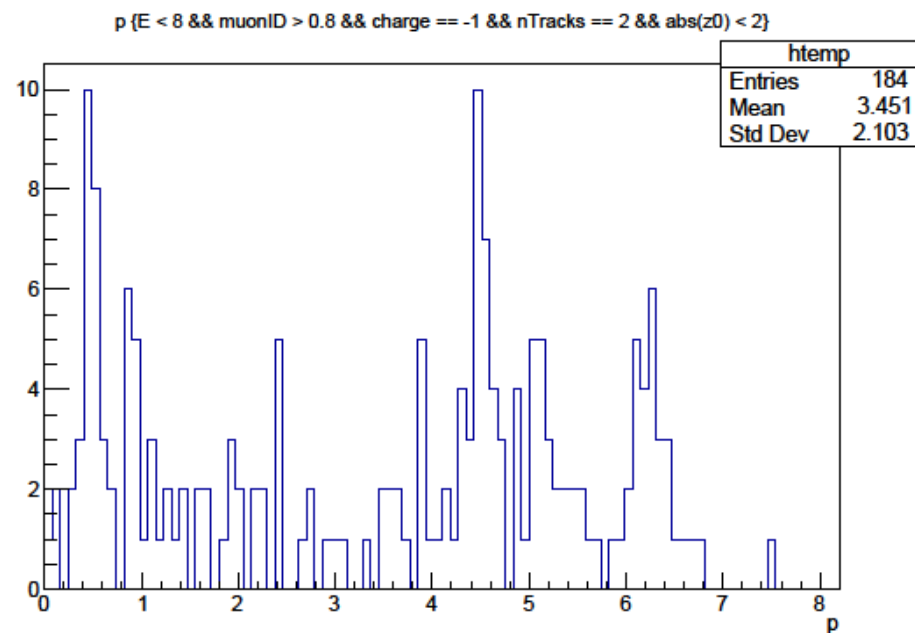
The „pions“ are „electrons“

(the „electrons“ are pions“)





Muons from the vertex

 $(|z| < 2 \text{ cm})$ 

Looking at different particle types:

- muons are dominated by cosmics
but we see muon pairs from the vertex
- Bhabhas clearly visible in the 2-track sample
- what is the 4 GeV peak for pions (misidentified electrons?)
yes, looks like a bug in basf2