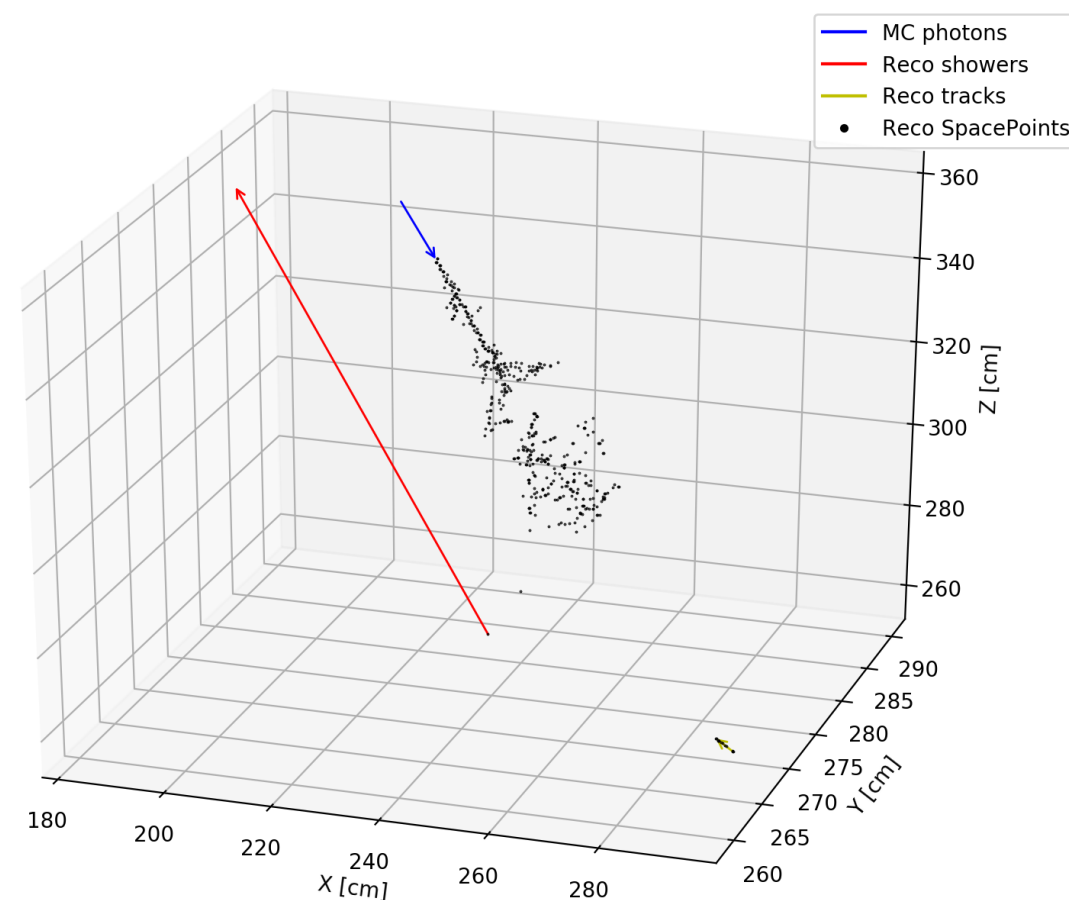
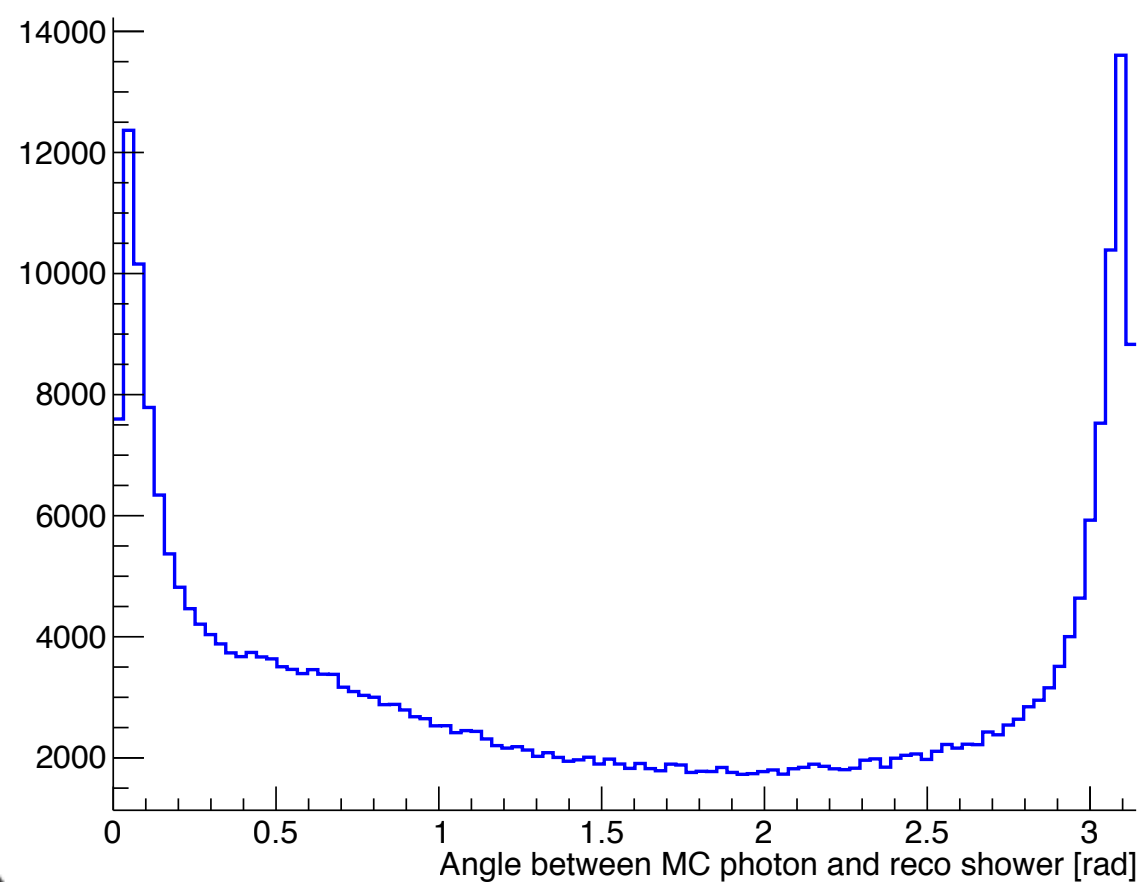


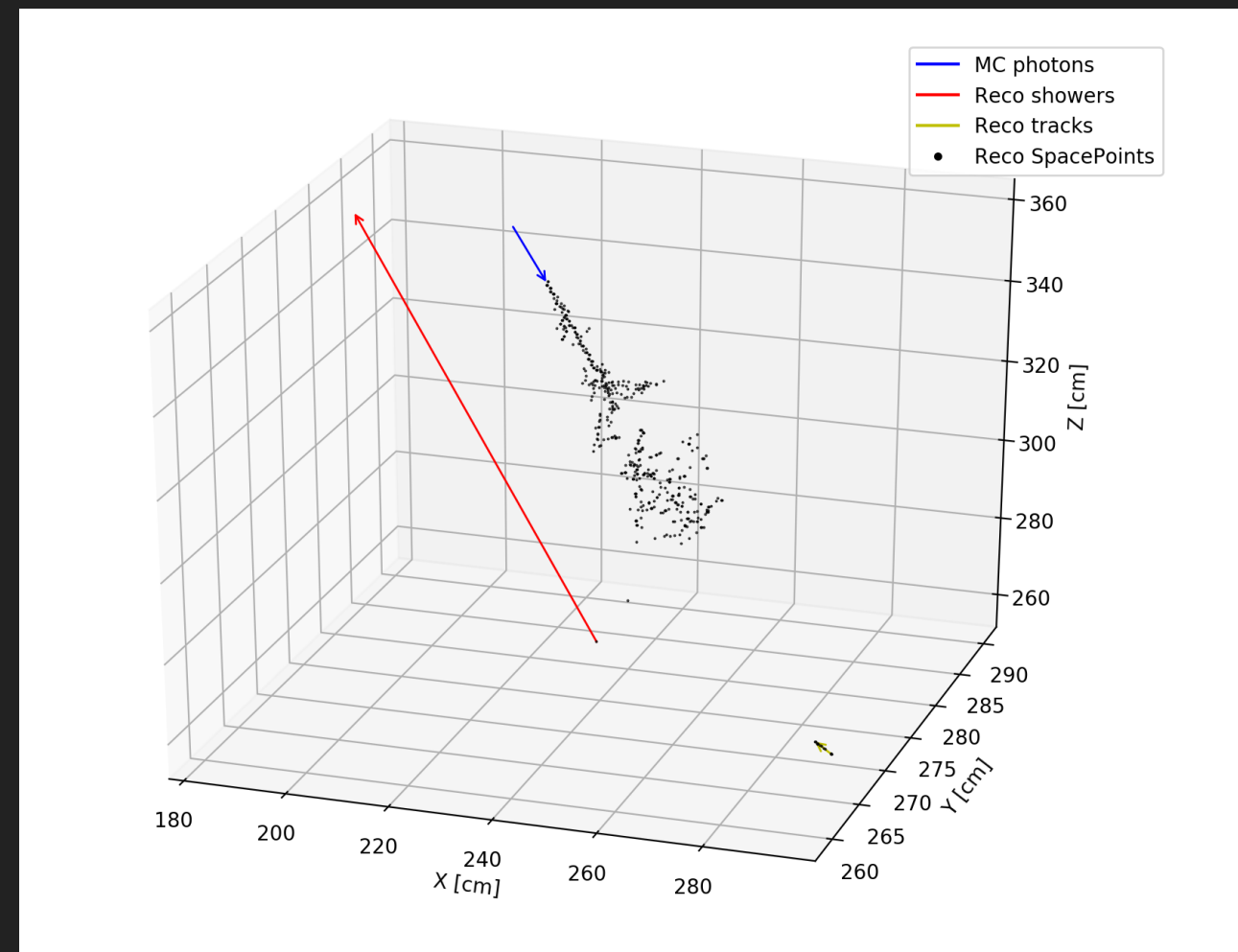
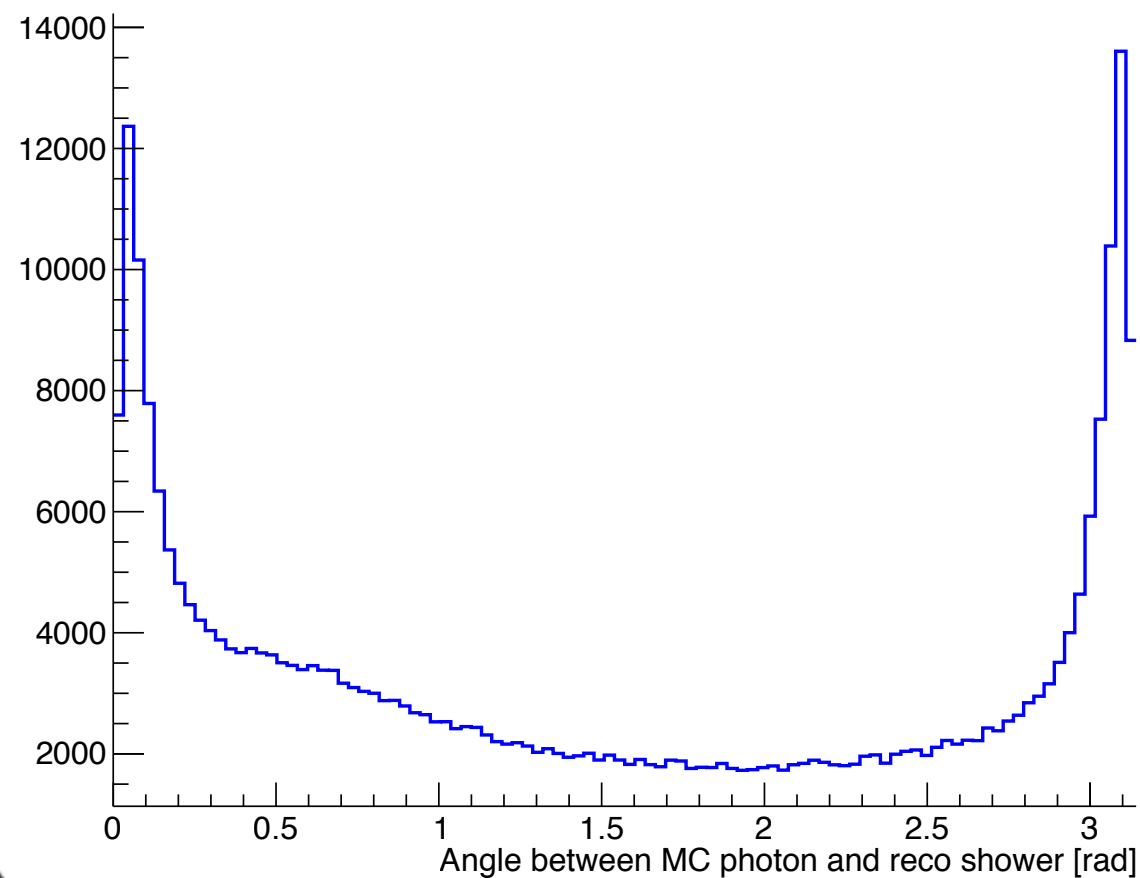
PREVIOUSLY

- ▶ Many showers reconstructed in the opposite direction
- ▶ Many showers reconstructed at random angles



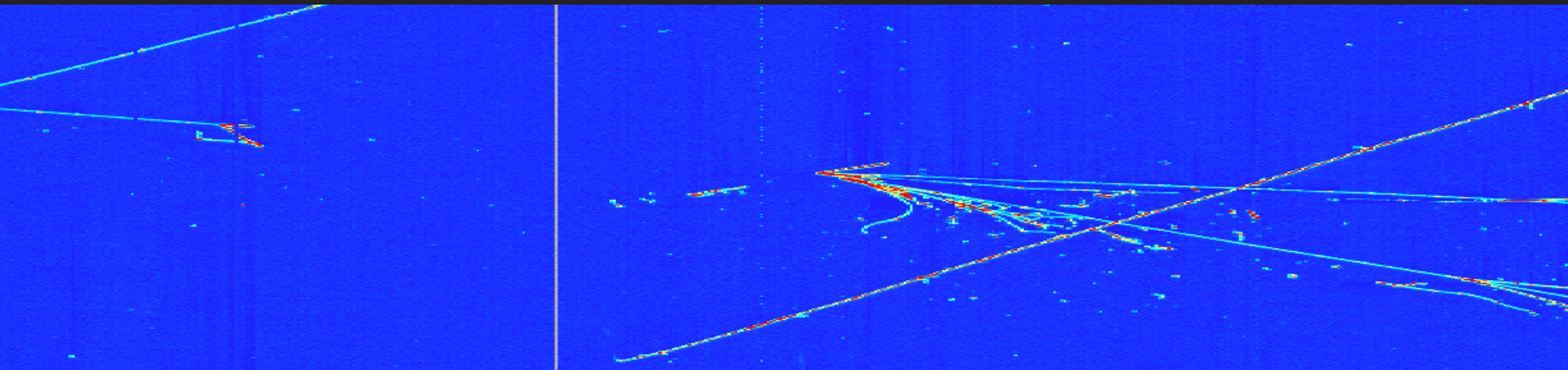
GREAT SUGGESTION

- ▶ “Maybe the reconstruction takes the beam direction into account?”



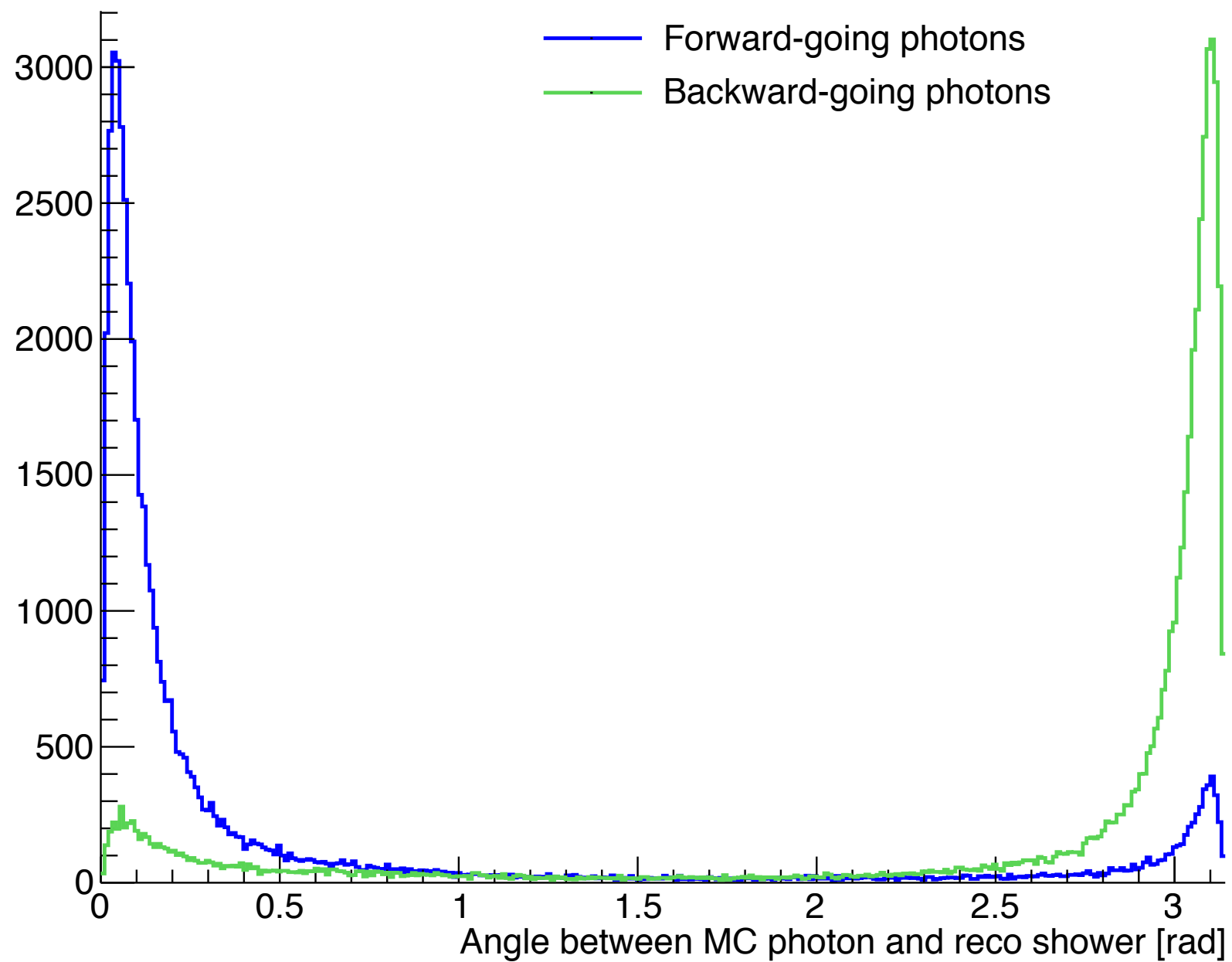
GREAT SUGGESTION

- ▶ “Maybe the reconstruction takes the beam direction into account?”



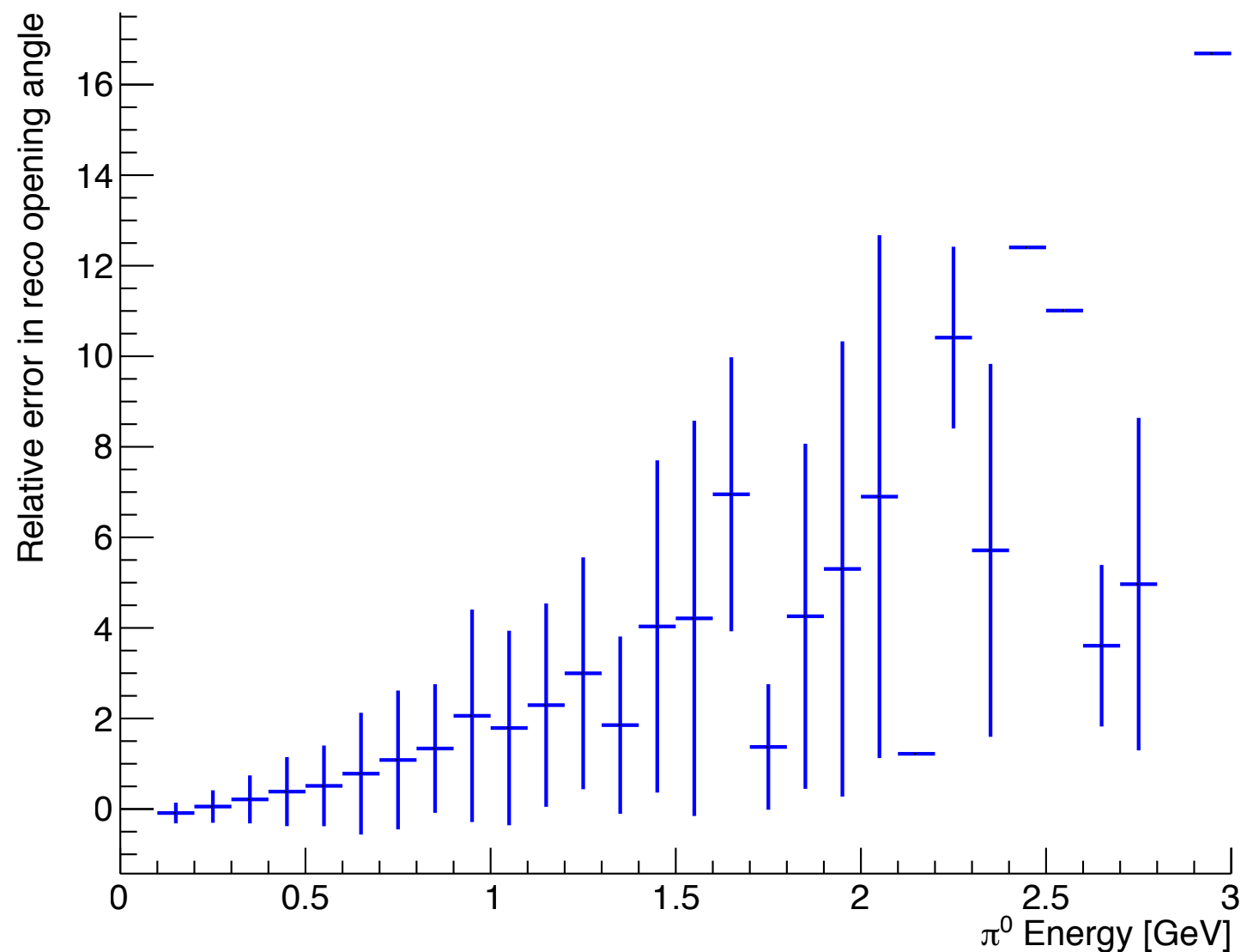
7 GeV $\pi^+ \rightarrow n \rightarrow \text{hadrons}$

GREAT SUGGESTION



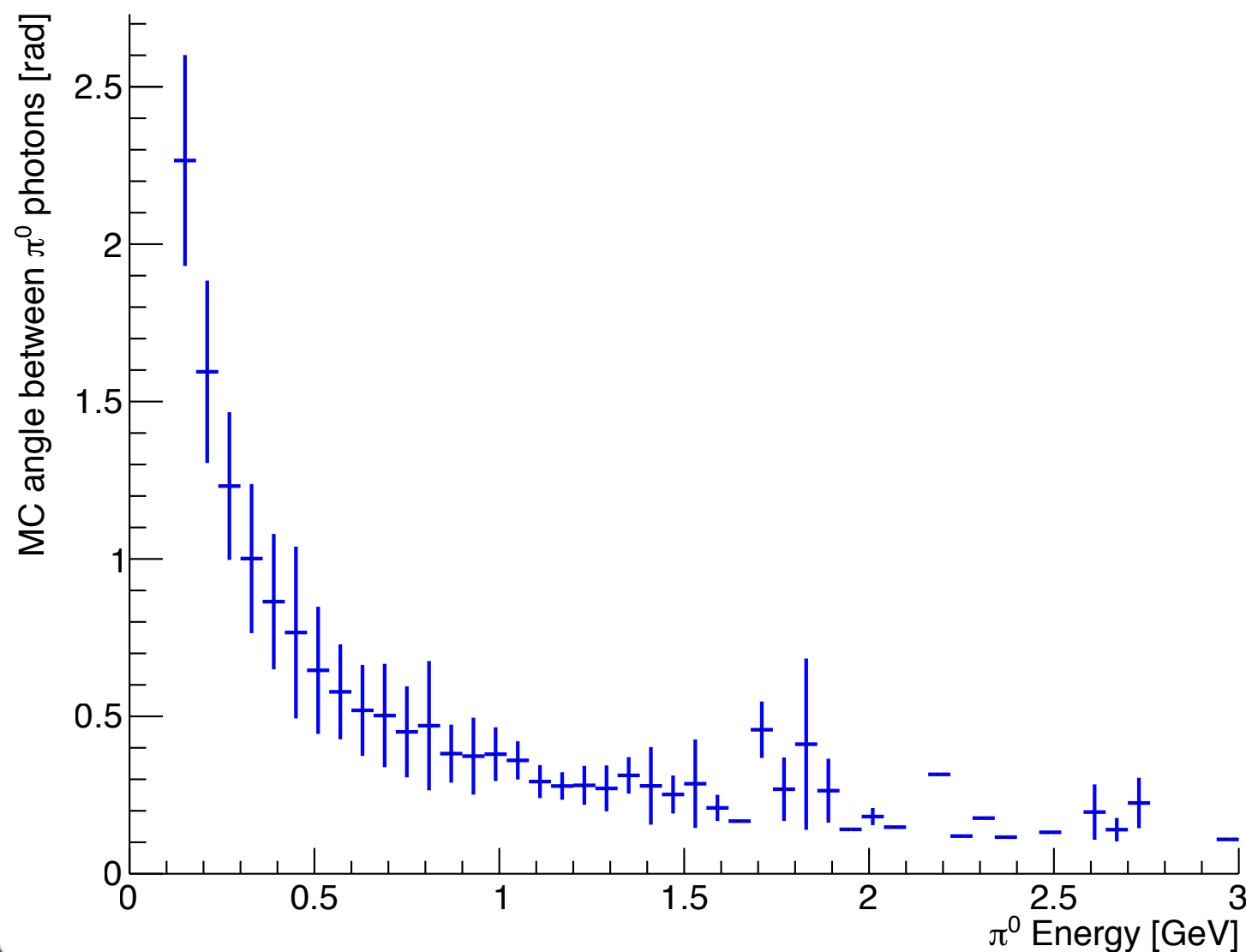
OTHER WORK

- ▶ Difference between shower and photon opening angles as a function of π^0 energy



OTHER WORK

- ▶ Bad performance at high energy probably down to tiny photon opening angle -> Large chance of overlap



BACKUP

- Higher energy sample π^0 s

