



Hawc Meeting

11/14/17

Brendan Boyd

New MC

- ▶ Sent John an email with the optimized cuts I showed last week
- ▶ Ran analysis with NNEnergy

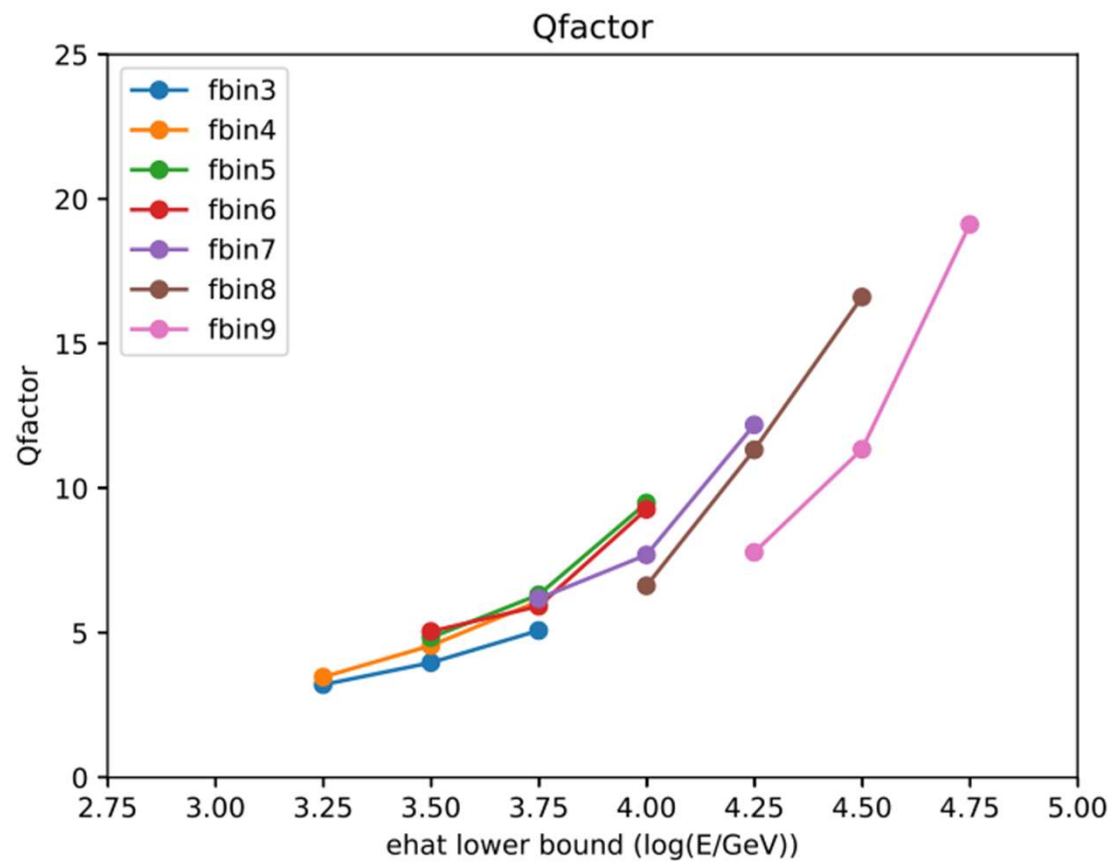
Cuts and Data

▶ Data

- ▶ Signal: /data/scratch/userspace/pretz/daqsim-reconstruction/output/daqsim-baseline/gamma.xcd
- ▶ Background: /data/scratch/userspace/pretz/scrappy-platypus-optimization/datafiles/energy.dec20.run005481.xcd

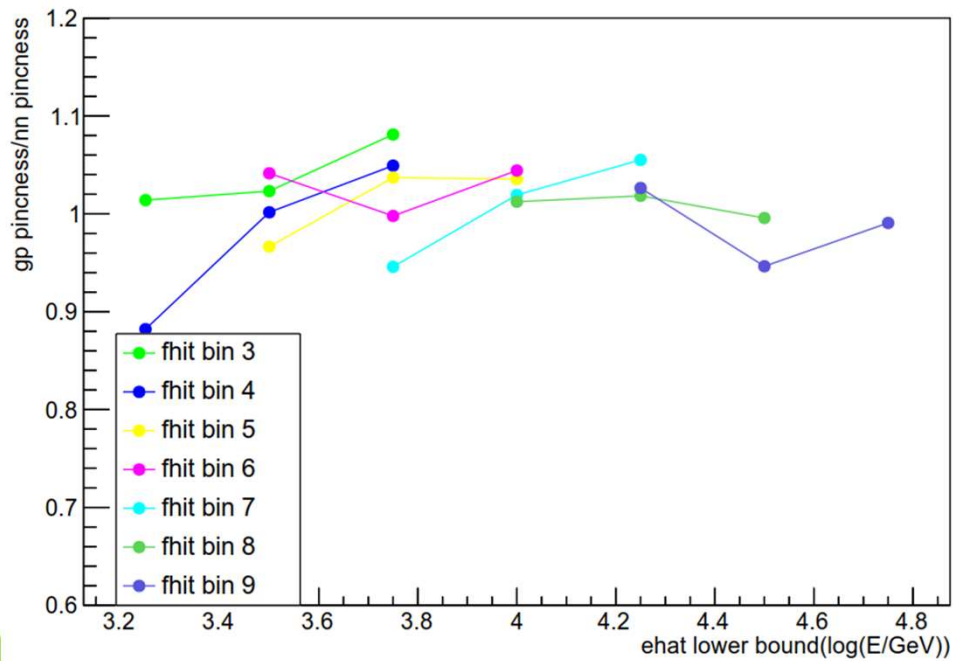
▶ Cuts

- ▶ coreFiduScale < 100
- ▶ nChAvail >= 800
- ▶ coreFitStatus = 0
- ▶ angleFitStatus = 0
- ▶ Zenith < 45 degrees
- ▶ Seff > 50%



Comparing GP to NN

ratio of pincness



ratio of $\log(1/\text{compactness})$

