



July 24th Hawc Meeting

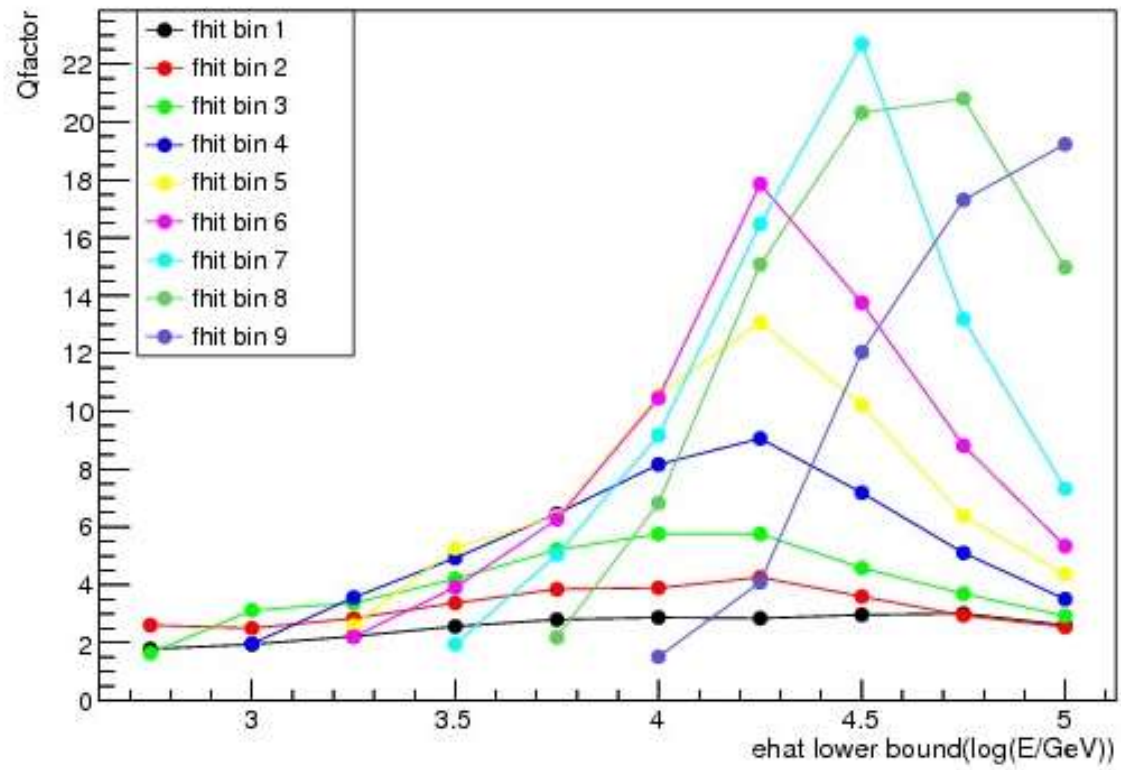
Brendan Boyd

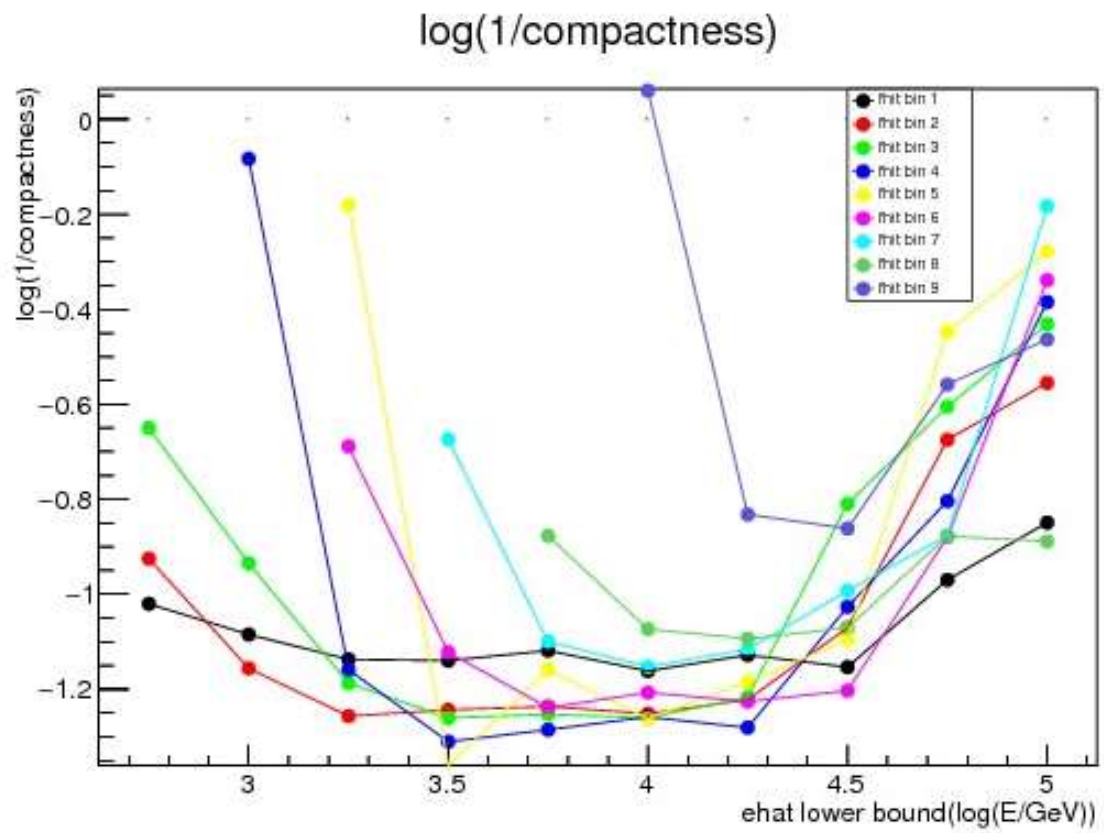
Changes

- ▶ Added a 50% gamma efficiency cut
 - ▶ Only slightly altered the cuts and Q factor
- ▶ Got rid of the annoying blue line at 0

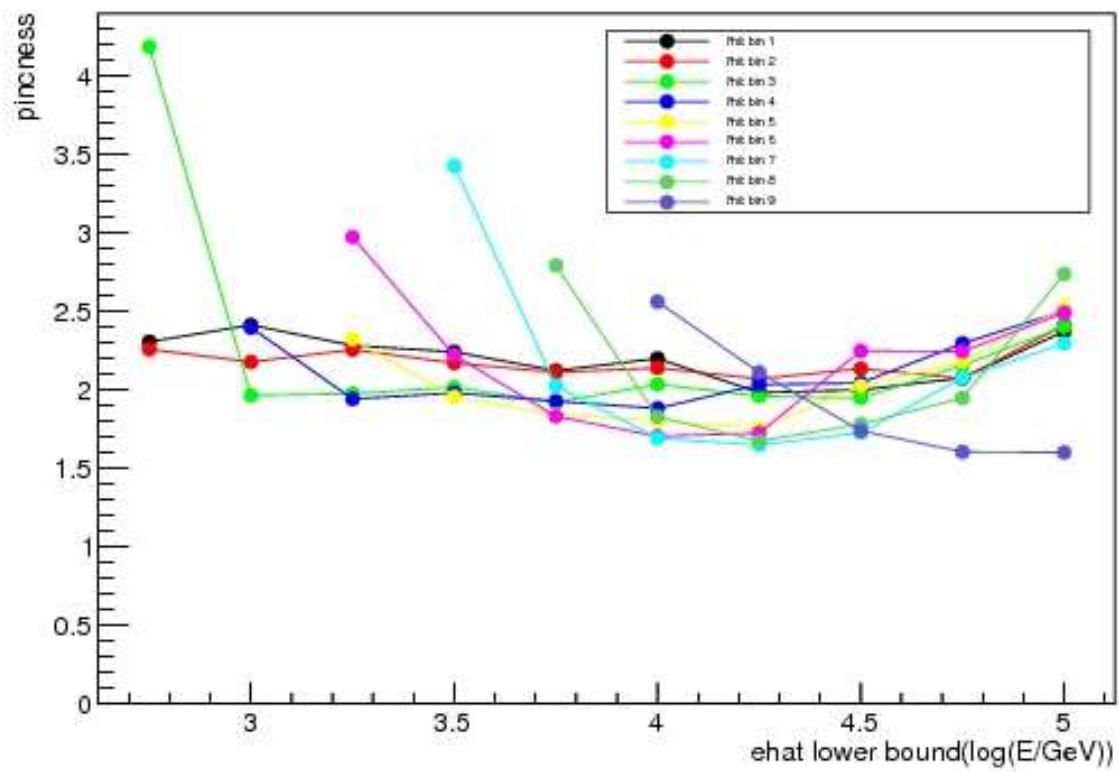


Qfactor



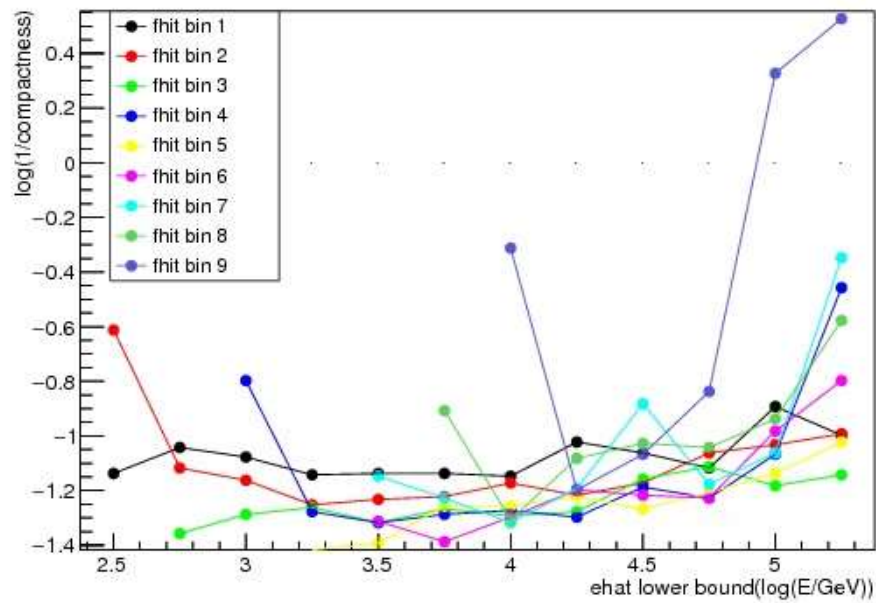


pincess



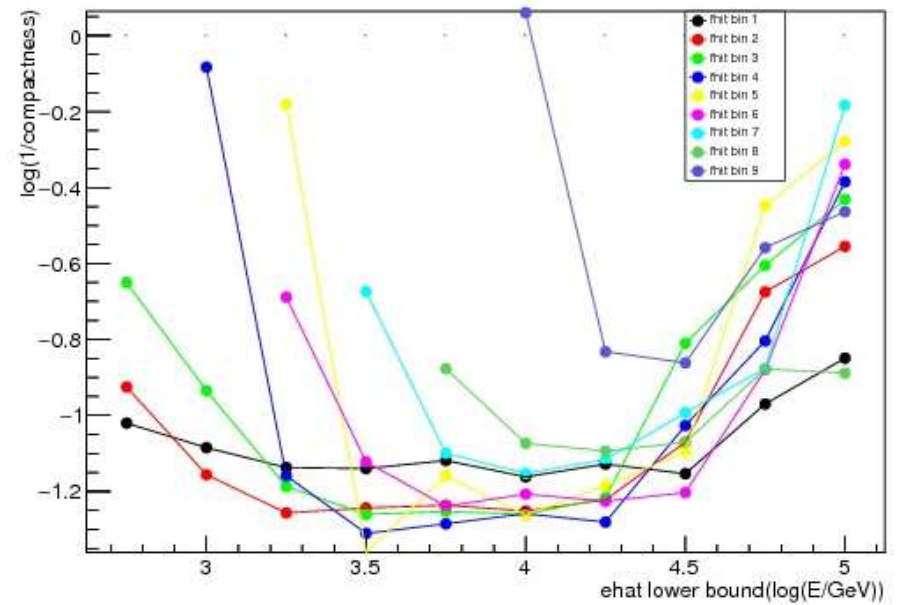
John's Cut values vs My Cut values

John
log(1/compactness)



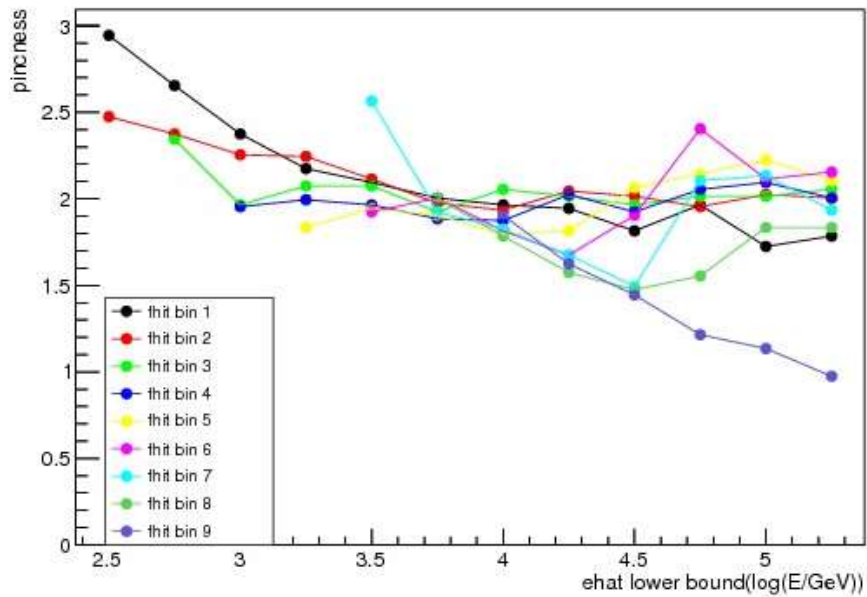
Mine

log(1/compactness)

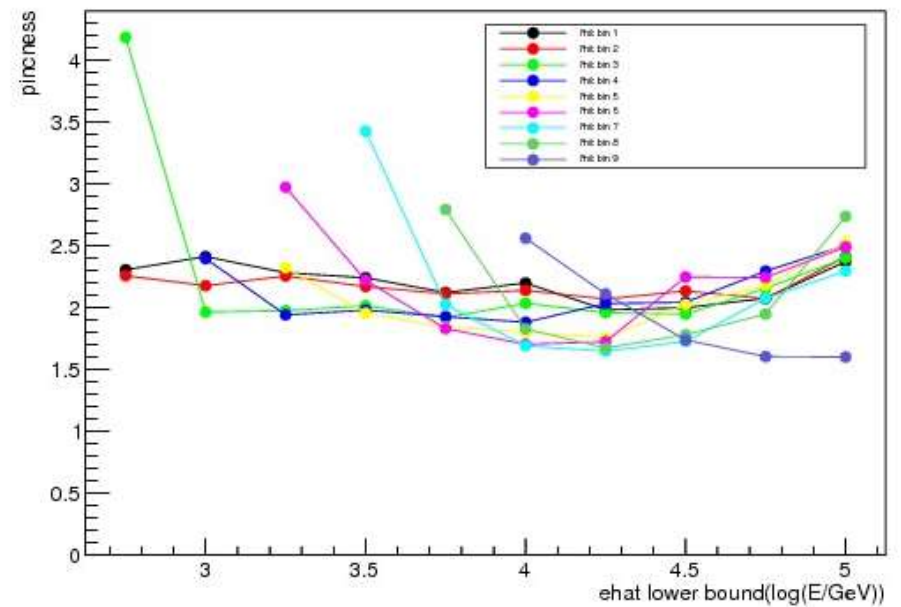


John's Cut values vs My Cut values

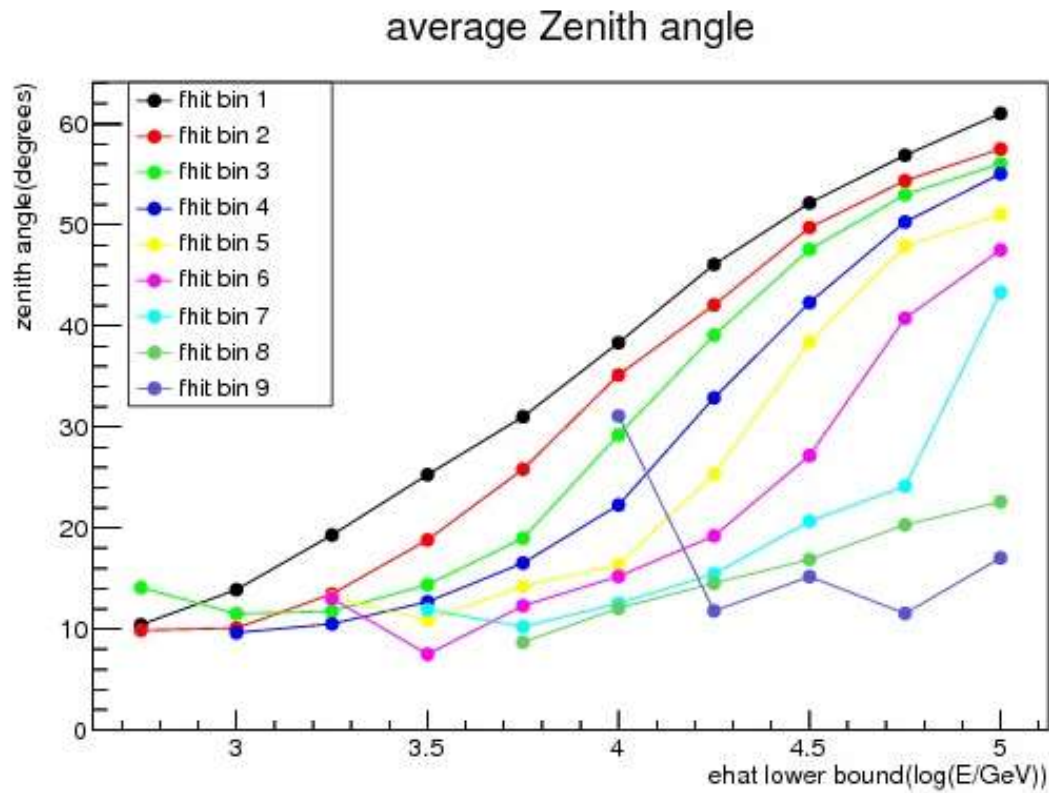
John
pincess



Mine
pincess



With optimized cuts



Zenith angle increases as energy increases for all bins except for bin 9

The lower the bin, the stronger the trend

- ▶ Still working on creating significance maps using the optimized cuts.

