



# 7/17 Hawc Meeting

Brendan Boyd

# Changed binning

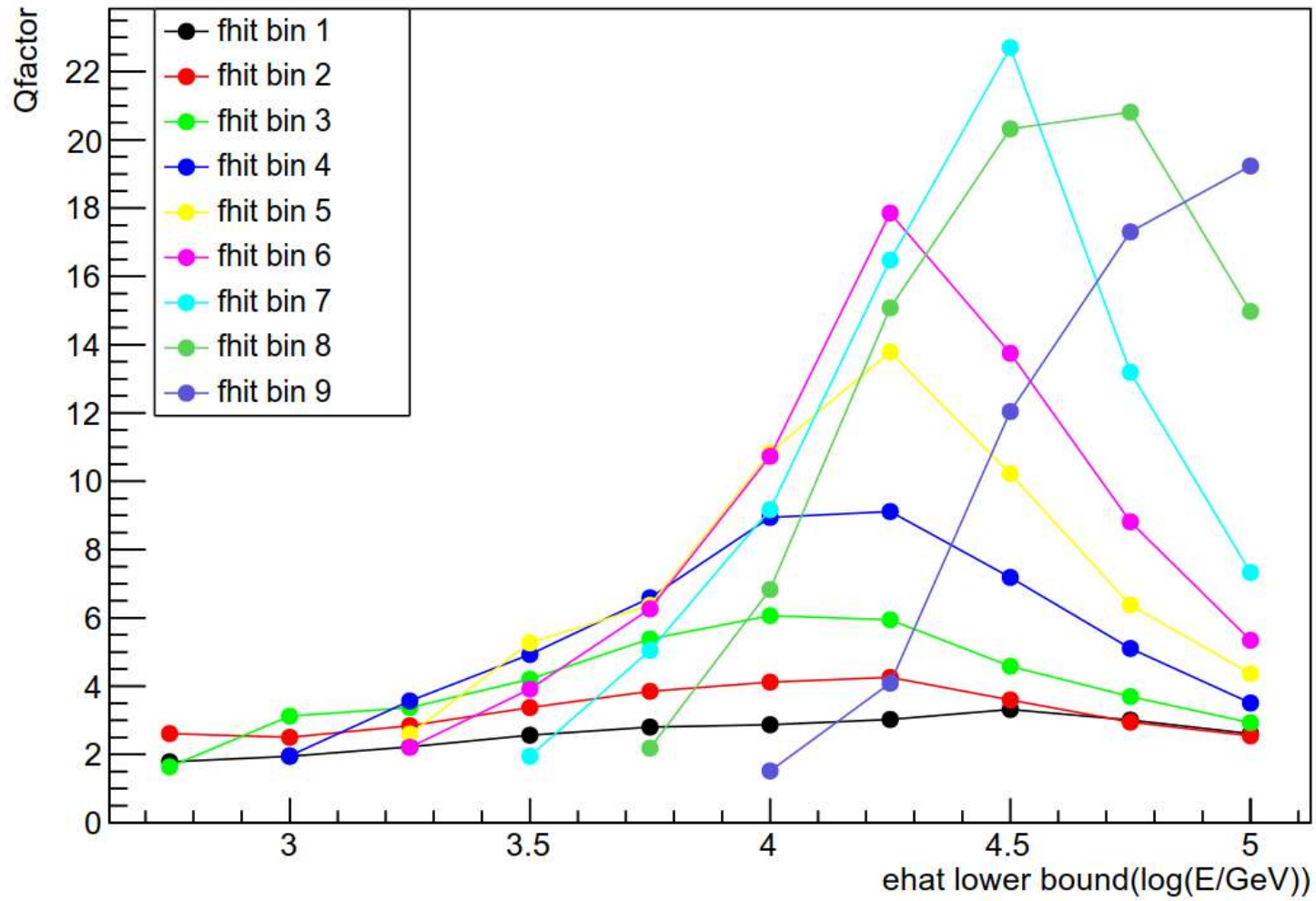
- ▶  $f_{\text{Hit}} = n_{\text{HitSP20}}/n_{\text{ChAvail}}$
- ▶  $f_{\text{bin0}} = 0.0 - 0.1$
- ▶  $f_{\text{bin1}} = 0.1 - 0.2$
- ▶ Etc up to  $f_{\text{bin9}} = 0.9 - 1.0$
- ▶  $e_{\text{hat}} = \log(E/\text{GeV})$
- ▶  $e_{\text{bin0}} = 2.5 - 2.75$
- ▶  $e_{\text{bin1}} = 2.75 - 3.00$
- ▶ Etc up to  $e_{\text{bin11}} = 5.00 - 5.25$

## cuts

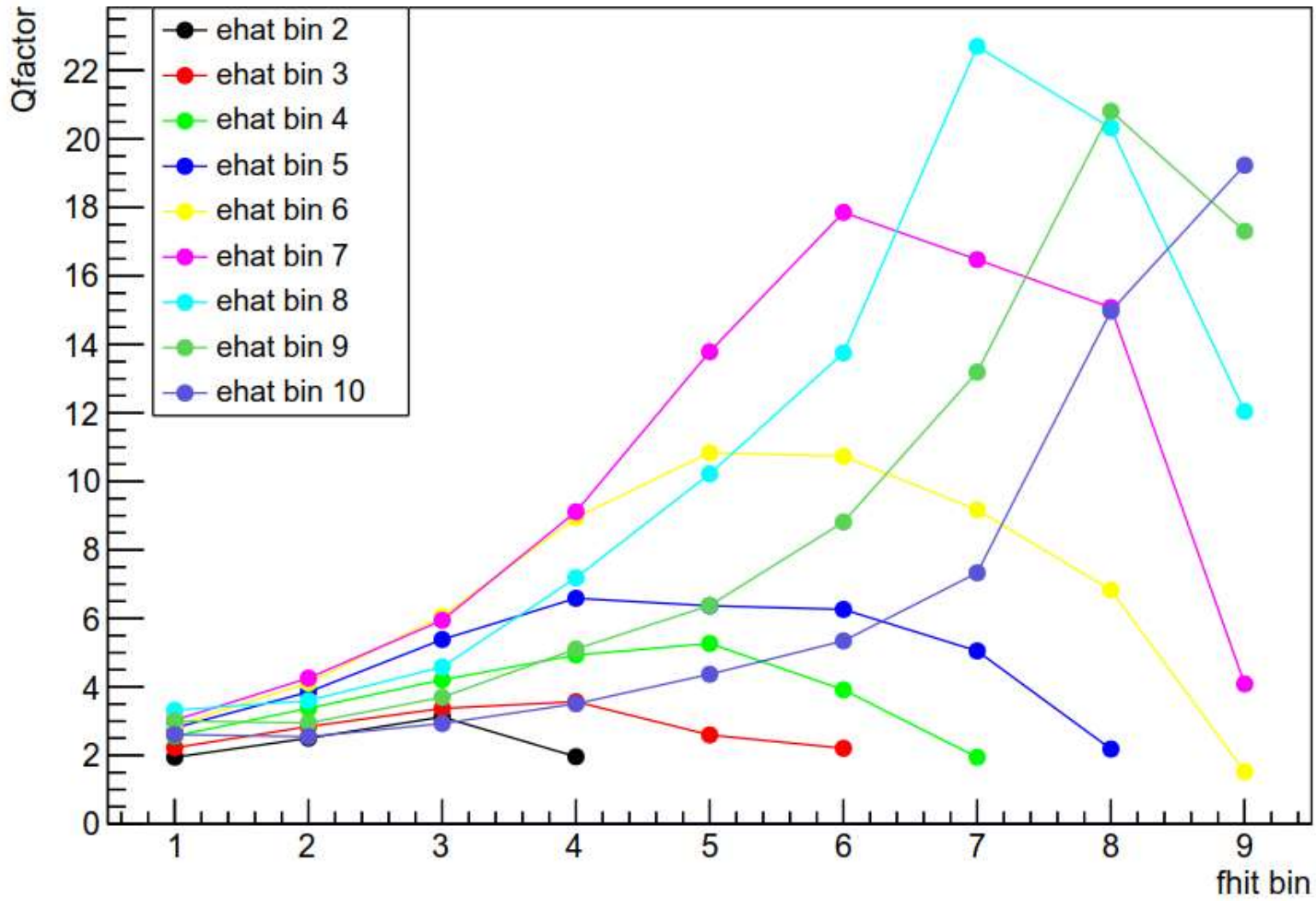
- ▶ coreFidu cut at 100 on all events
- ▶ Required Qfactor error of less than 5%



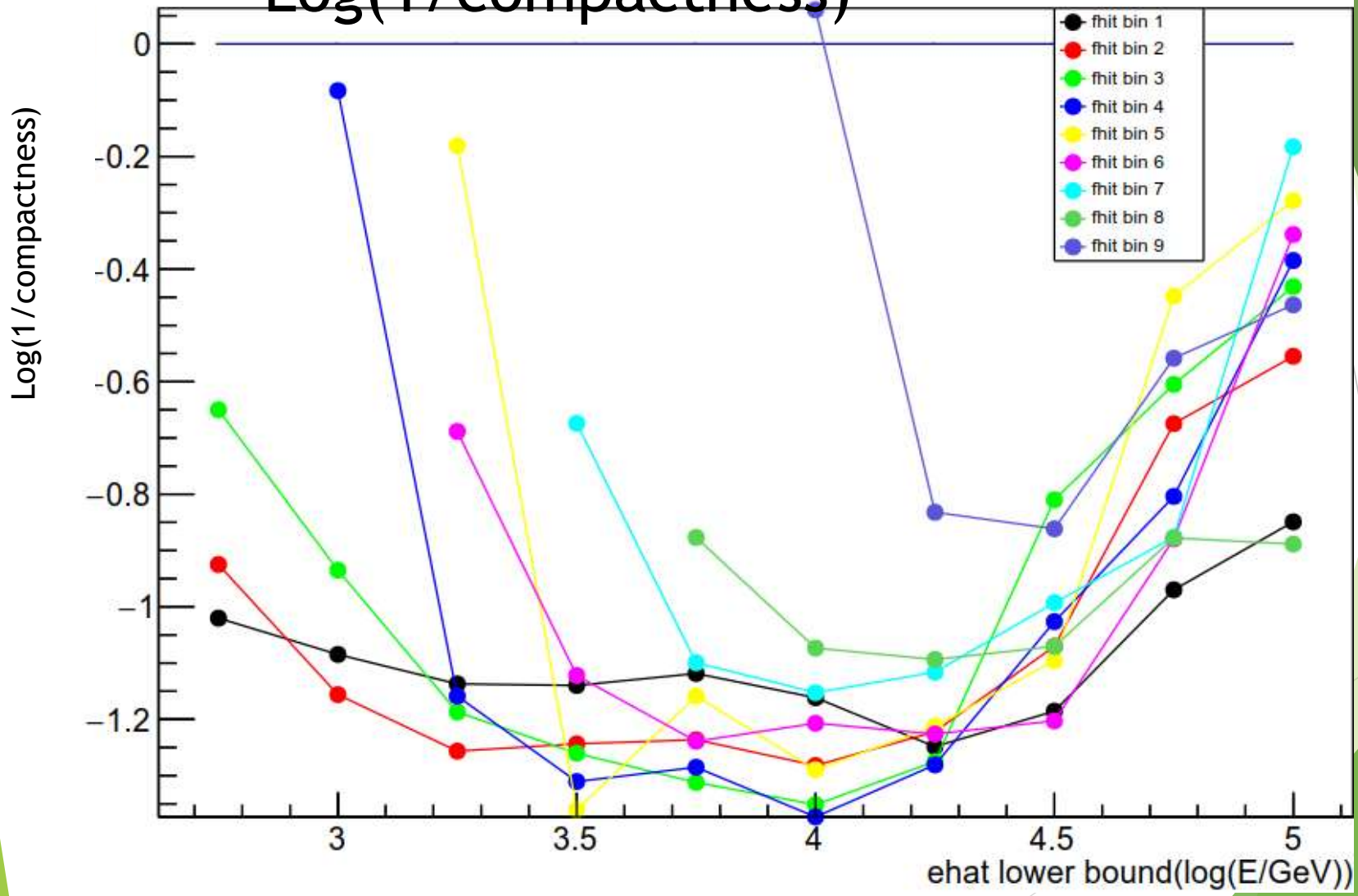
# Qfactor



# Qfactor

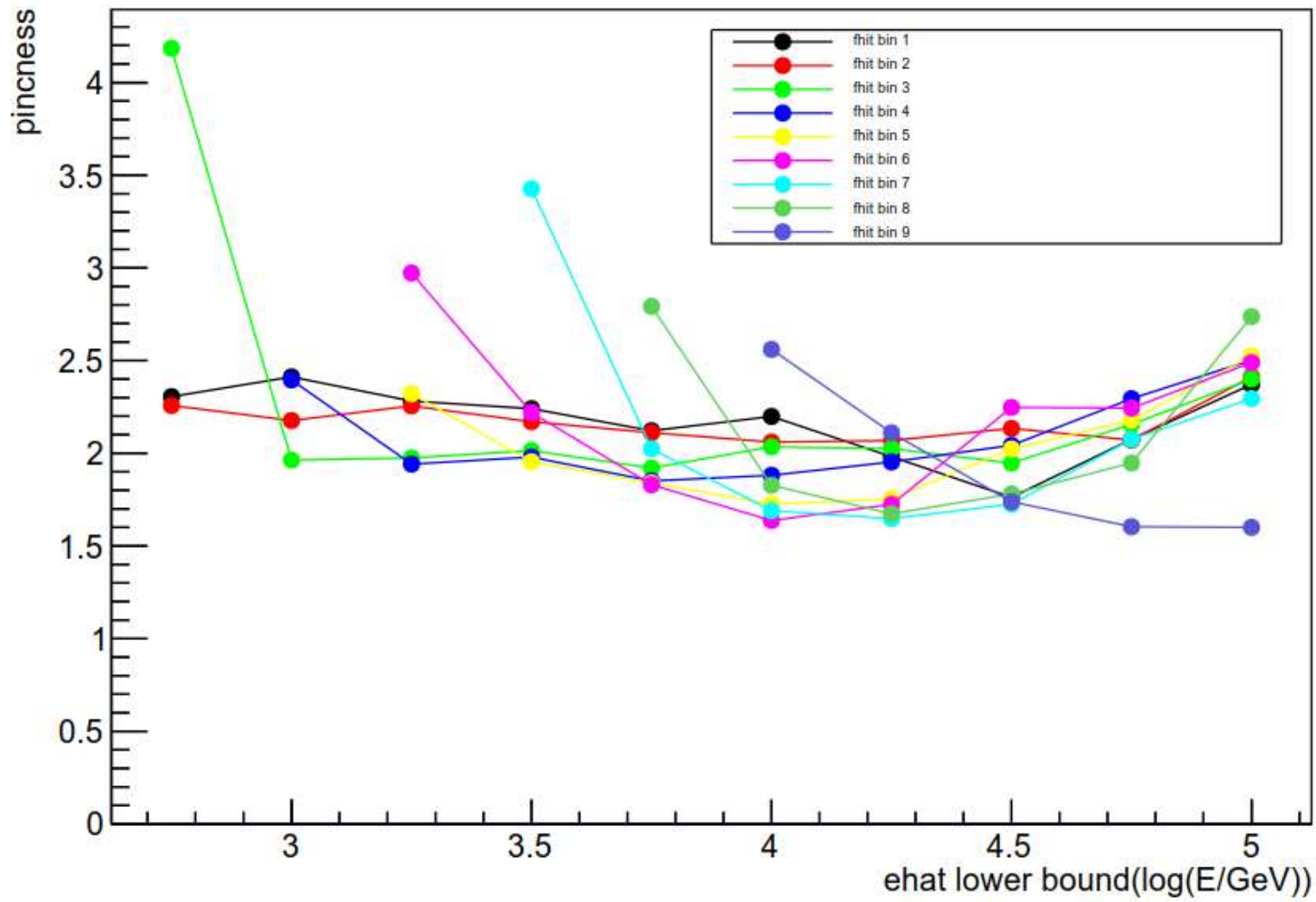


# Log(1/compactness)



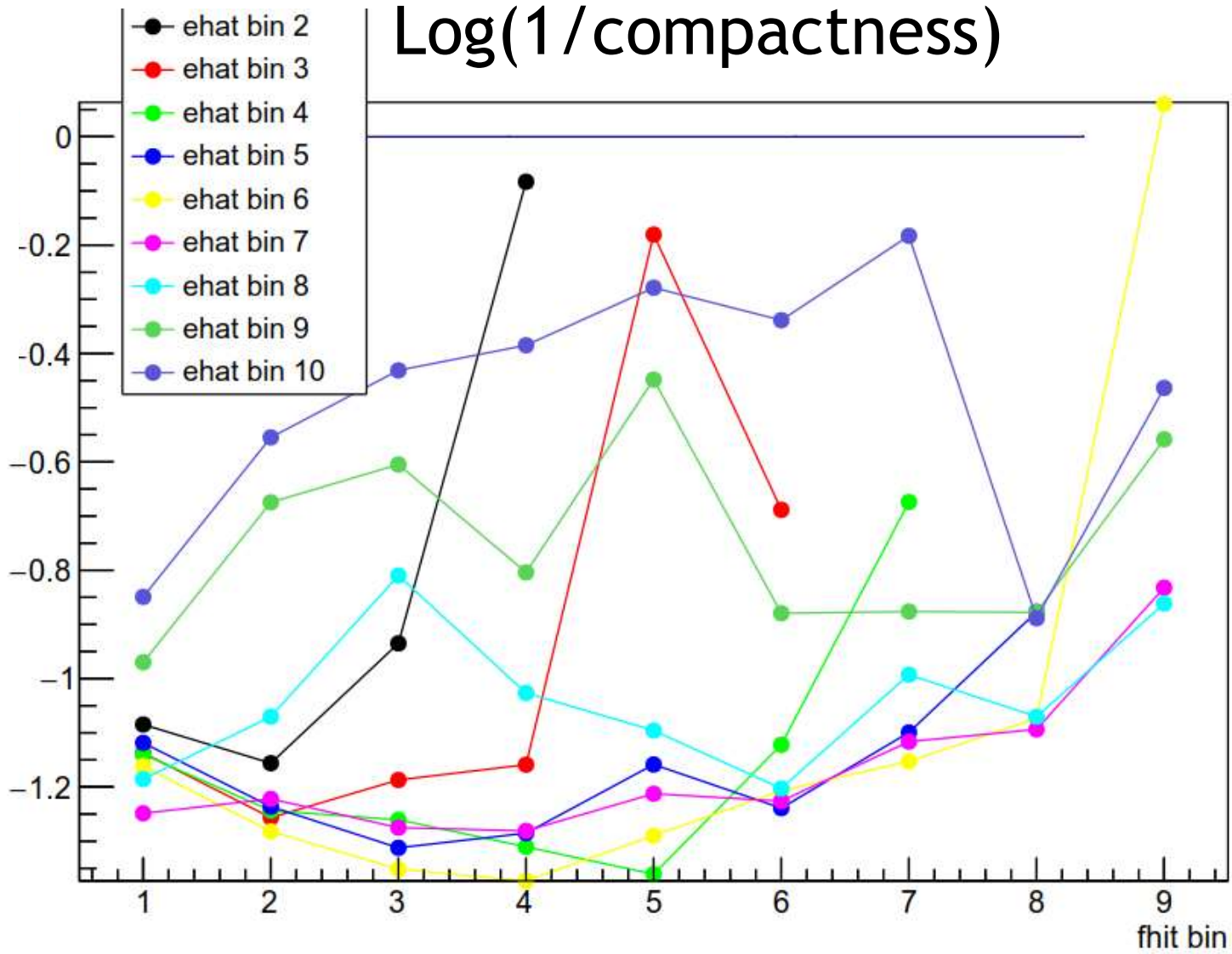
Not sure why there is that blue line at zero. Still working on removing it

# pincess



# Log(1/compactness)

Log(1/compactness)



Same weird blue line



# pinccness

