

Average Zenith angle

- 2D binning
- Standard fhit binning
- Ehat in units $\log(E/\text{GeV})$. Binned from 2 to 5 with 0.25 span for each bin

Getting avg Zenith Angle

- Used most recent large mc file at dec20
- Used variables mc.zenithAngle and rec.zenithAngle and sweets.TWgt
- To calculate the average I took $(\text{sum of weight} * \text{zenithAngle}) / (\text{sum of weight})$ for each bin

