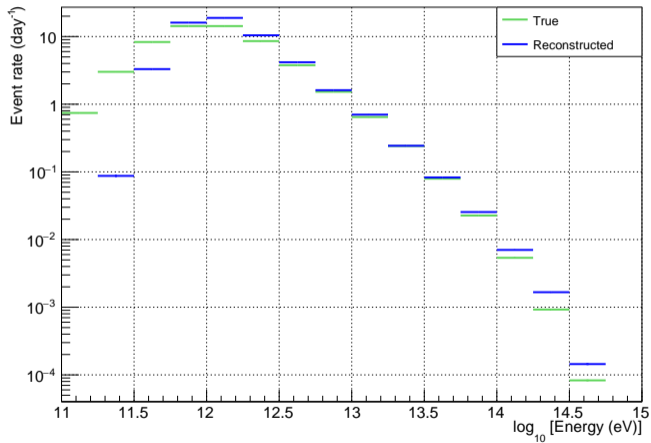


## Effective area

- Effective area computed as thrown area times efficiency was probably wrong due to MC preselection.
- `sweets.oneWgt` circumvents this by having the correct normalization baked into the weights.
- How to do this for arbitrary zenith distribution (transiting source)? Is it possible with current software and MC? Will inquire on Slack.

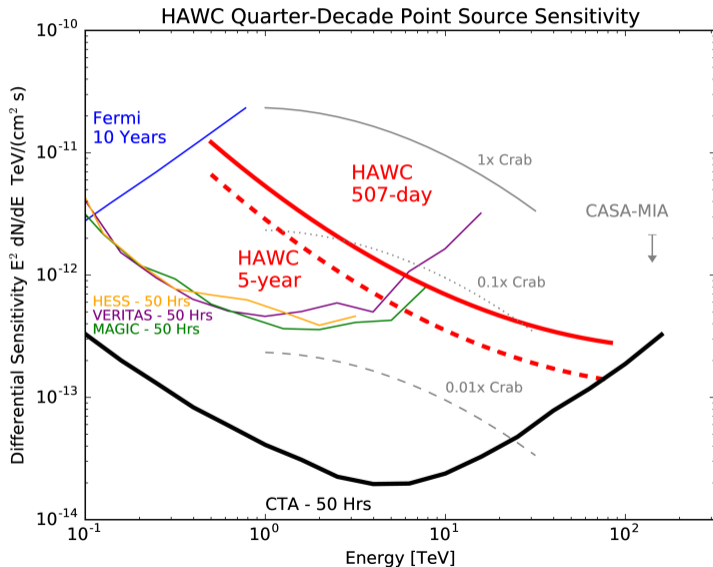
# Effect of mixing matrix

- Expected distributions of true and NN energy assuming spectrum from HAWC Crab paper.
- Some feed-down above 56 TeV.
- Also pile-up of events around 1 TeV due to low-energy bias.



# Comments from Galactic talk

- Colas: since  $E^2$  plot, sensitivity is not worsening, just improving less quickly.
- VERITAS/H.E.S.S. spectral discrepancy has shrunk as of 2017 ICRC.



- Will send draft talk tomorrow.