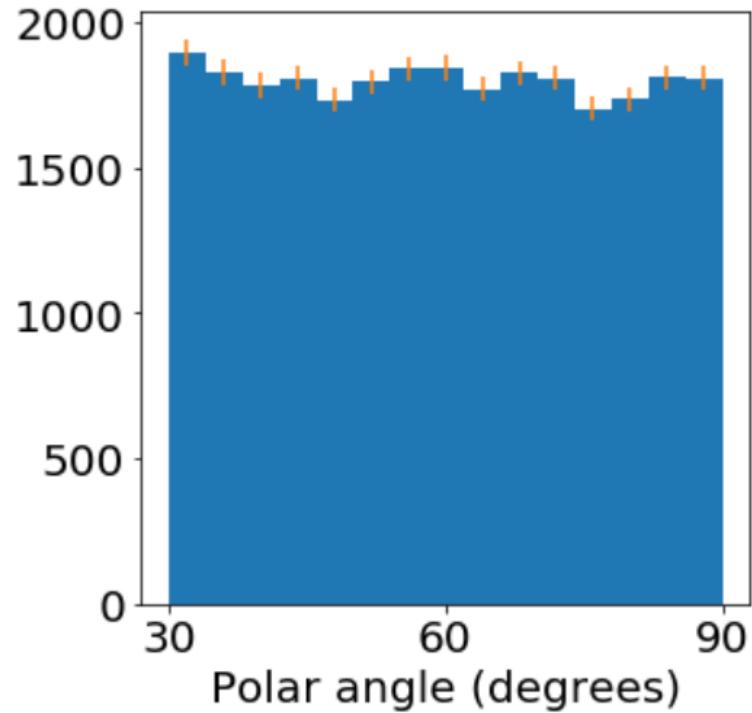
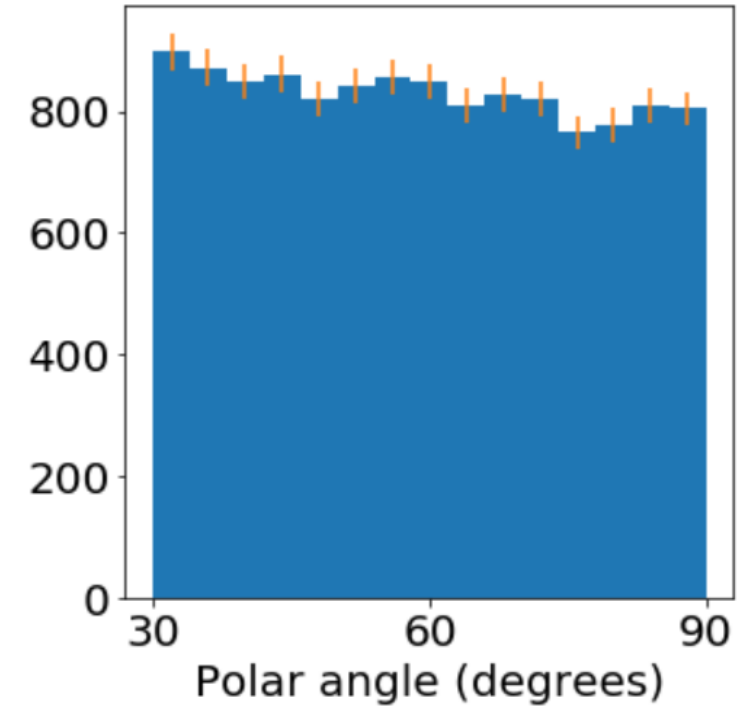


# Angular histogram

Histogram without energy weighting

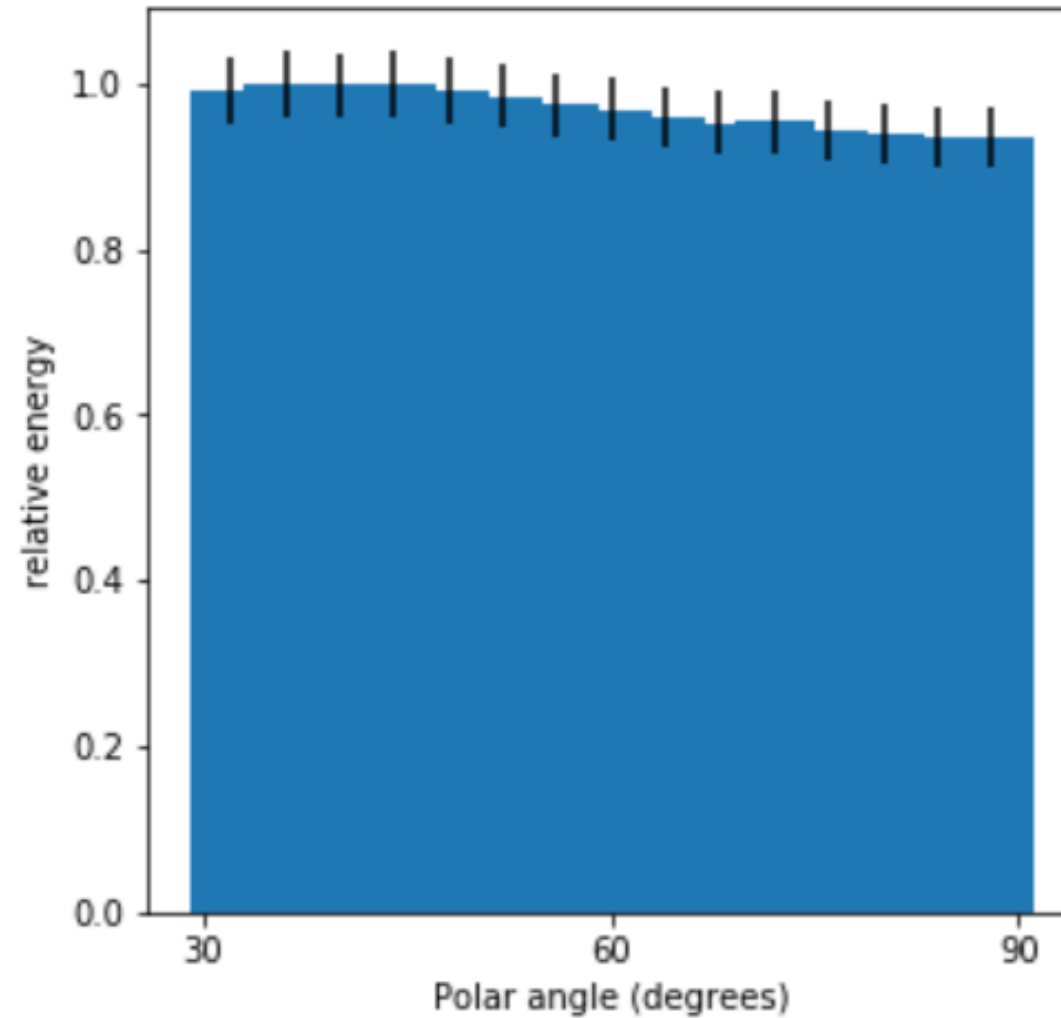


Histogram with energy weighting



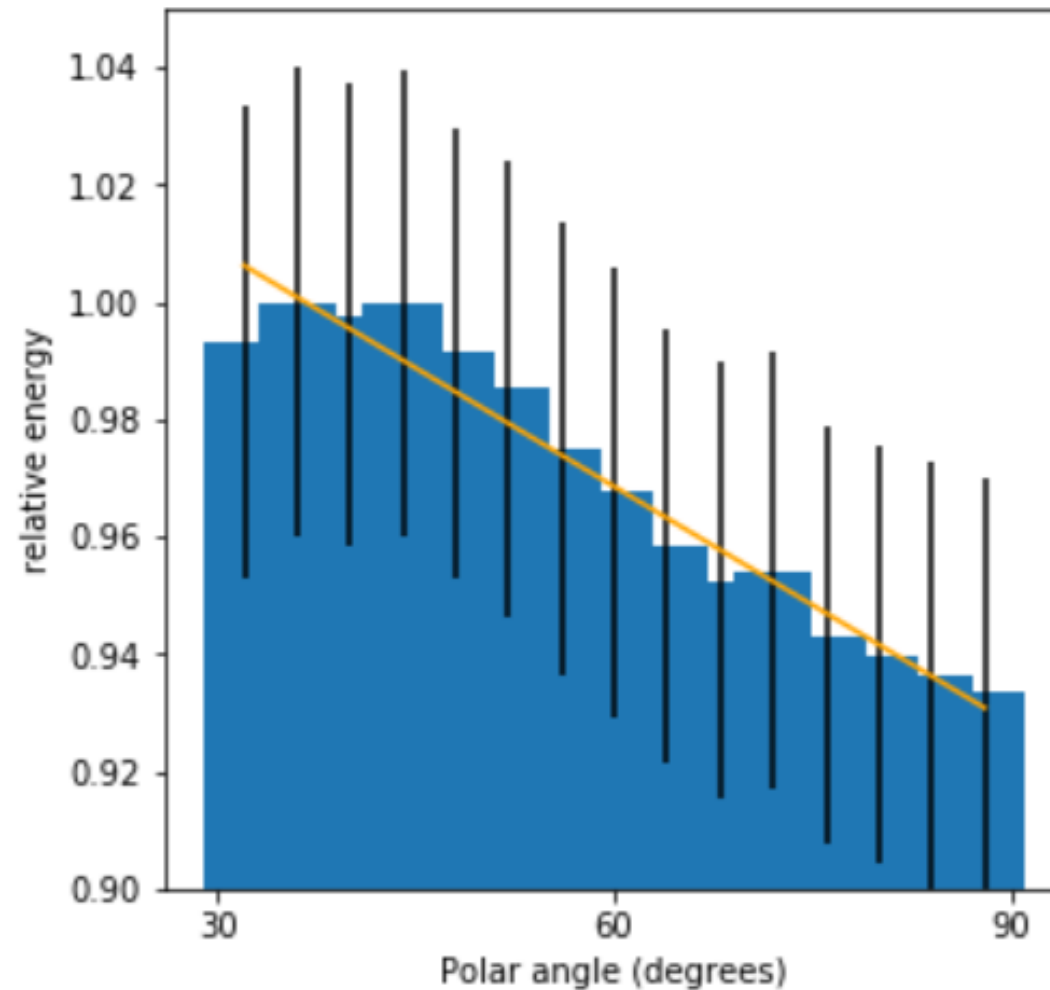
# Fraction of Energy Contained

Normalise histograms and divide



# Fraction of Energy Contained- slope

Normalise histograms and divide



Gradient:  $-0.0013 \pm 0.0004$

# Coding the GAN

- Coded the GAN and incorporated CometML
- Did test run on old data
- Ran fine, but discriminator throttled generator
- Try again with new data- if still problem then tweak learning rates

# Backup- Engin's LCIO hit sum plot

