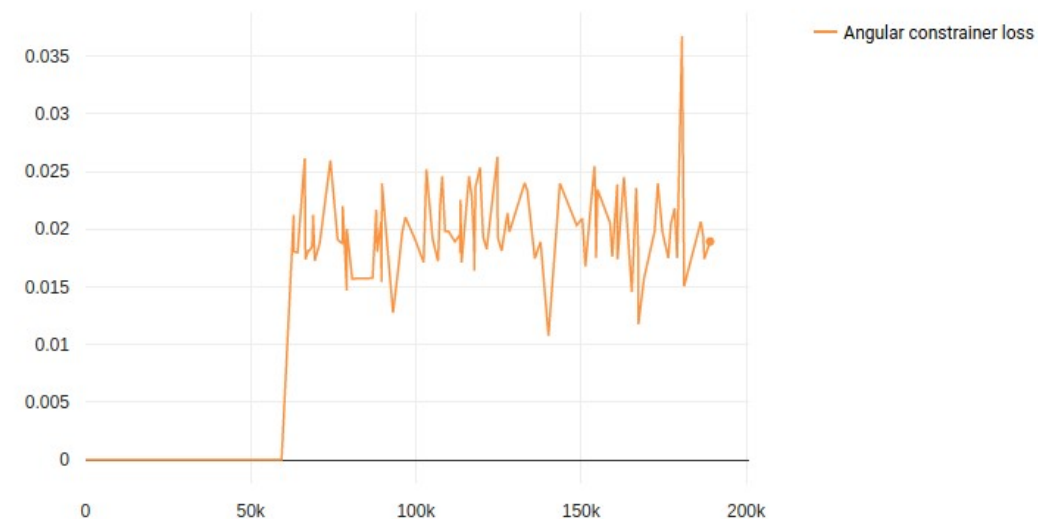
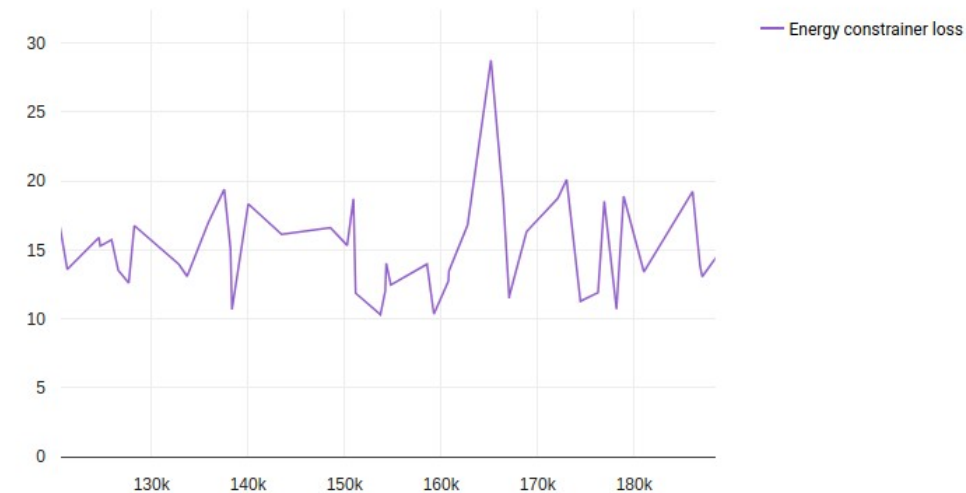


Update

- Currently focusing on Constrained GAN
 - Trained both energy and angular constrainers
 - Working on 285,100 showers as first step
- Training in progress- both angle and energy have equal weighting
- Loss more significantly impacted by energy so far....
- Will likely need to do some hyperparameter tuning



Update

- Also discussed test data
 - Have previously used 8 samples when just considering energy/angle conditioning
 - Would need ~ 64 for coverage of the phase space....
 - Will instead use 8 samples of varying energy 90 degrees, 8 with varying angle fixed energy and 8 with varying energy at 60 degrees