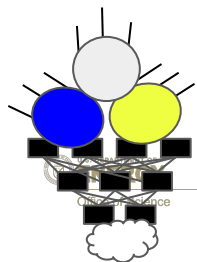




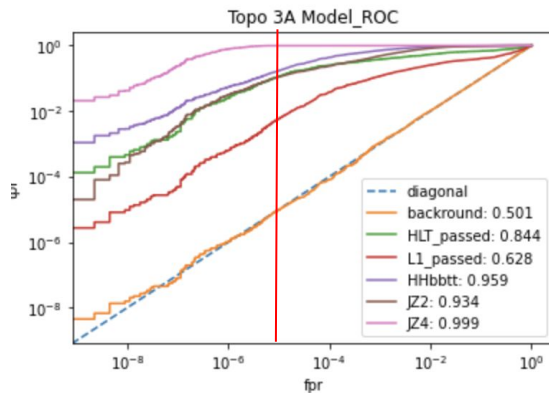
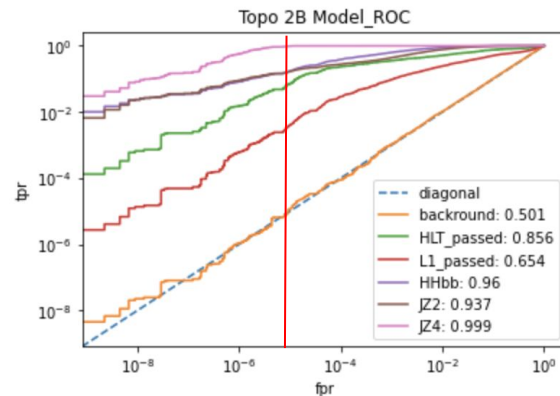
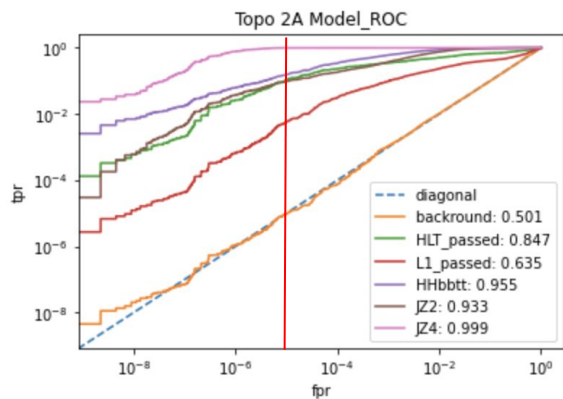
GELATO Update 5/10/24

Liam Sherman



Added Jz2 and Jz4 signals

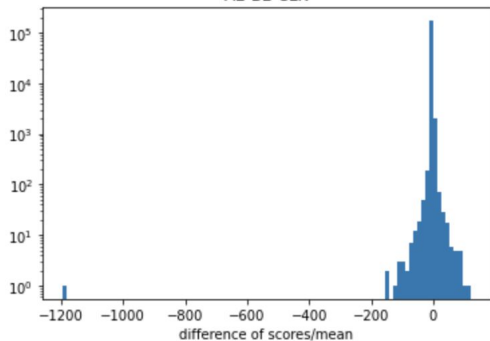
SLAC



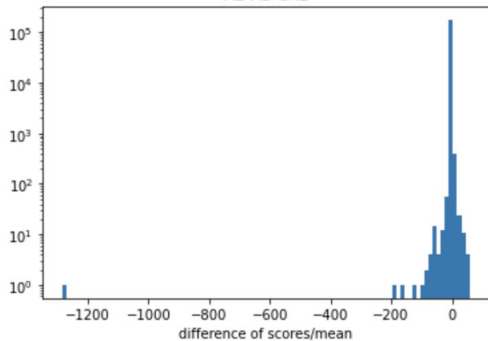
Comparing Anomaly Scores

SLAC

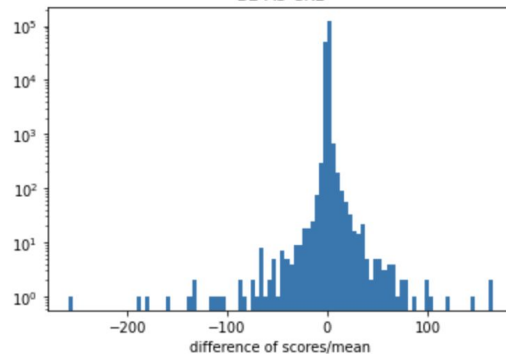
A2-B2 CLK



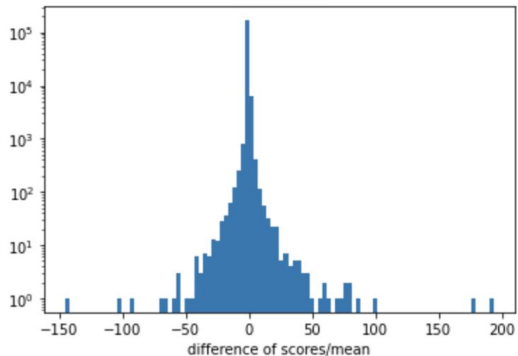
A2-A3 CKL



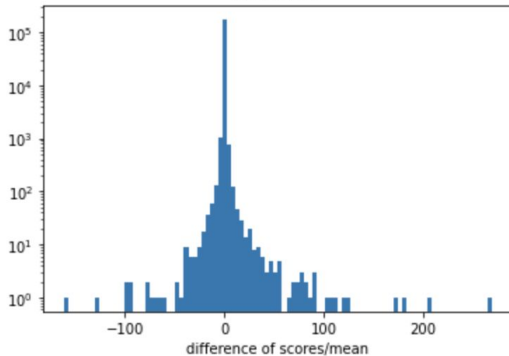
B2-A3 CKL



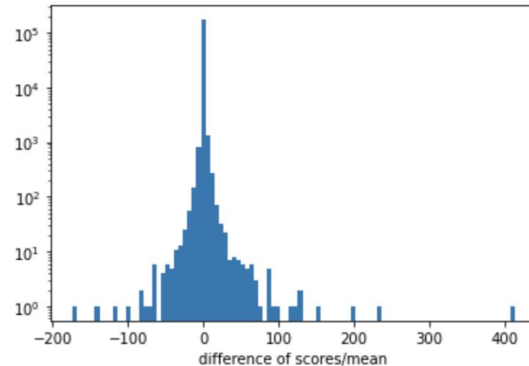
A2-B2 MSE



A2-A3 MSE

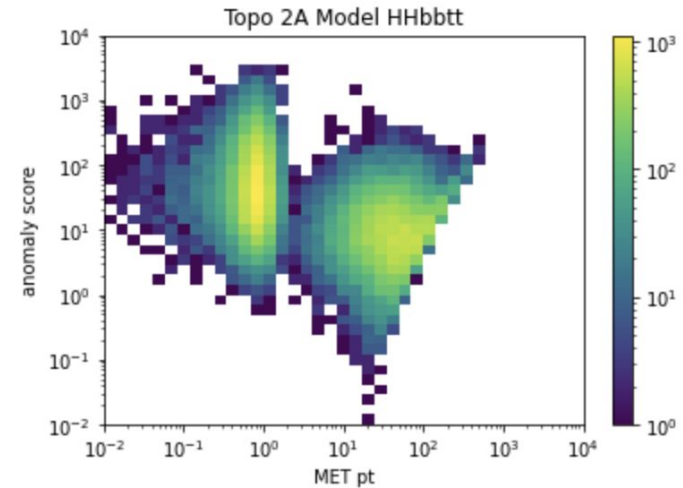
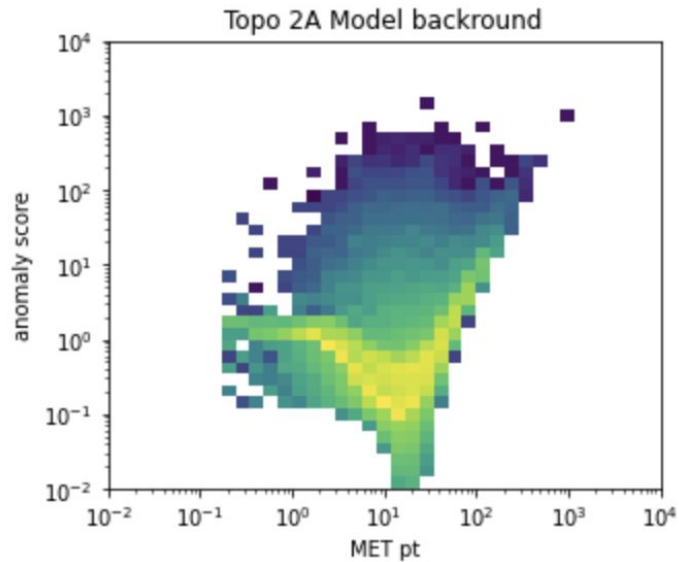


B2-A3 MSE



Anomaly Score Met PT correlation

SLAC



Finding Hyperparameter Dependencies



- I'm working to create a plot similar to the previous one, but with multiple models trained at each latent size and beta
- I hope that this will both inform the dependency of the model on hyperparameters, and inform the variance of the model across multiple trainings
- I've trained 1000 models (10 betas, 10 latent sizes, 10 at each) which has taken about a week, but the results should be faster to run
- These models are on the 40MHz dataset, but I think the results will be applicable to the new L1 models