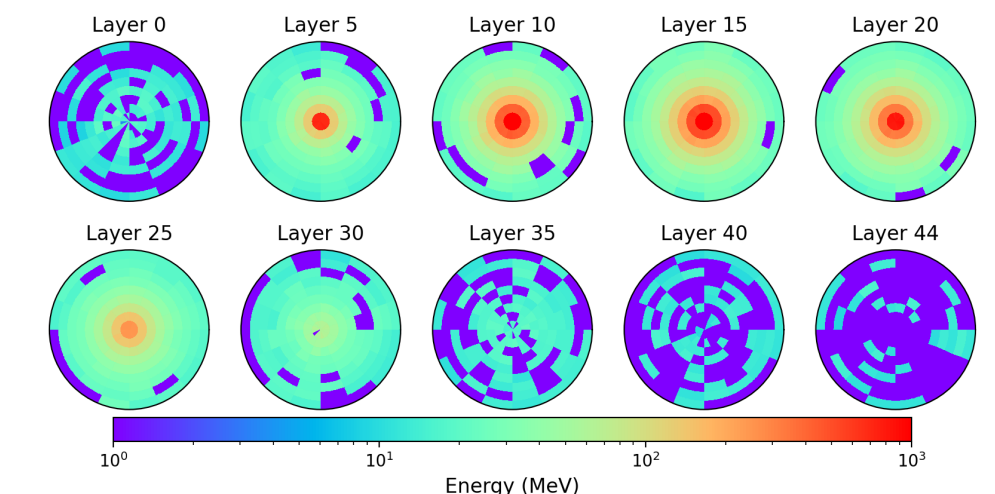
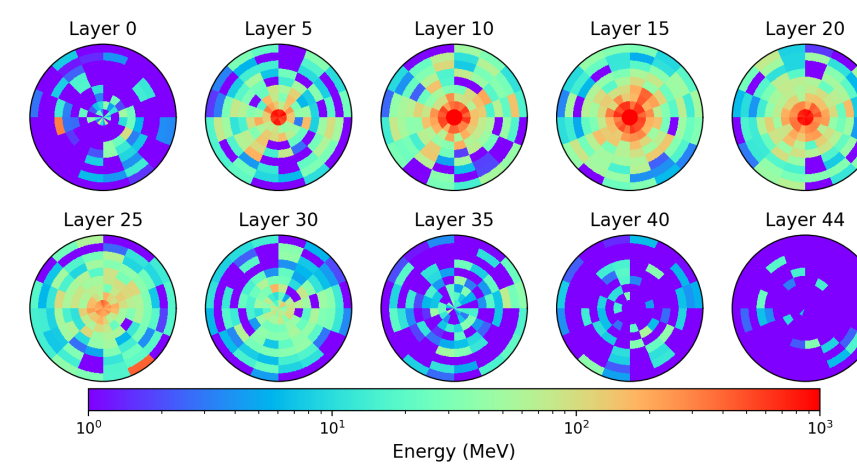
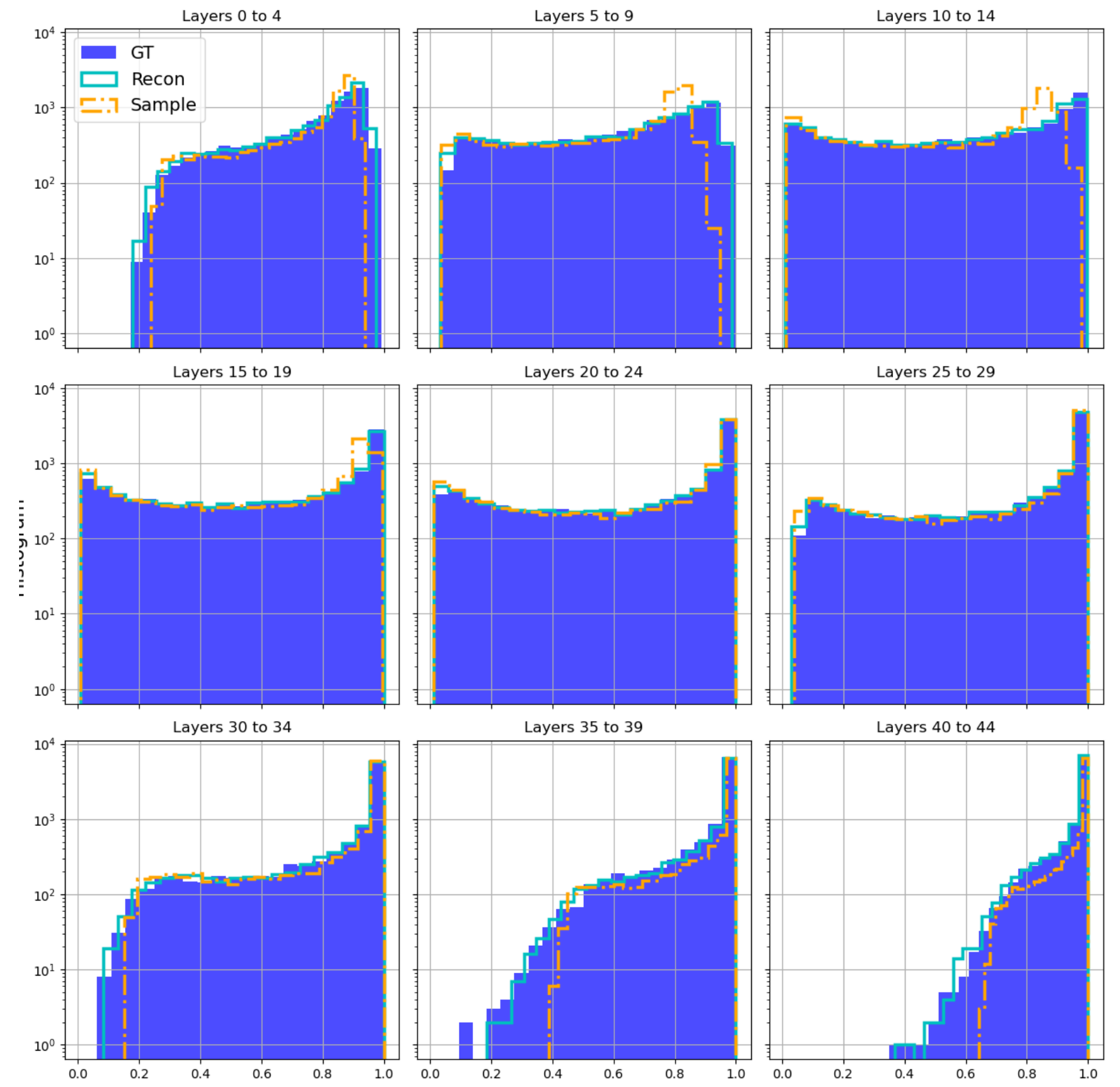
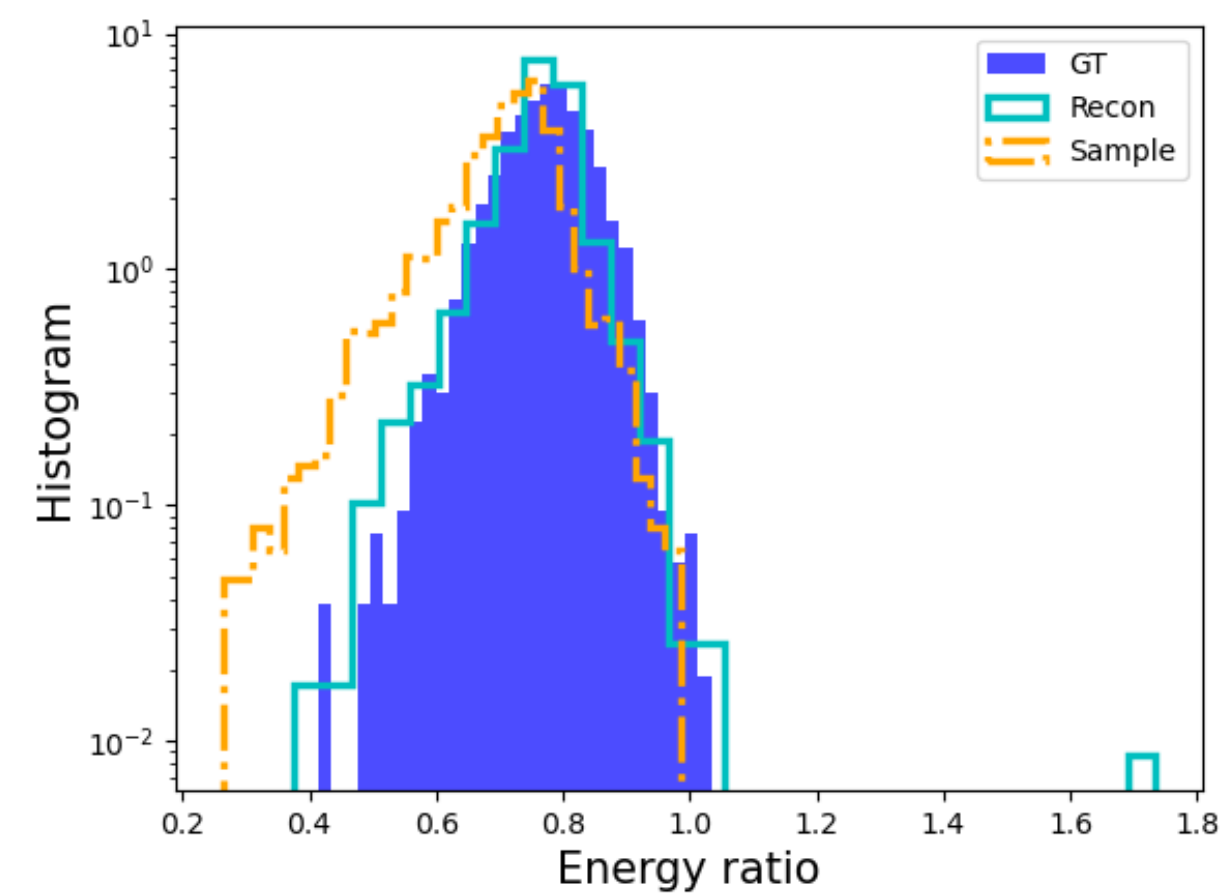
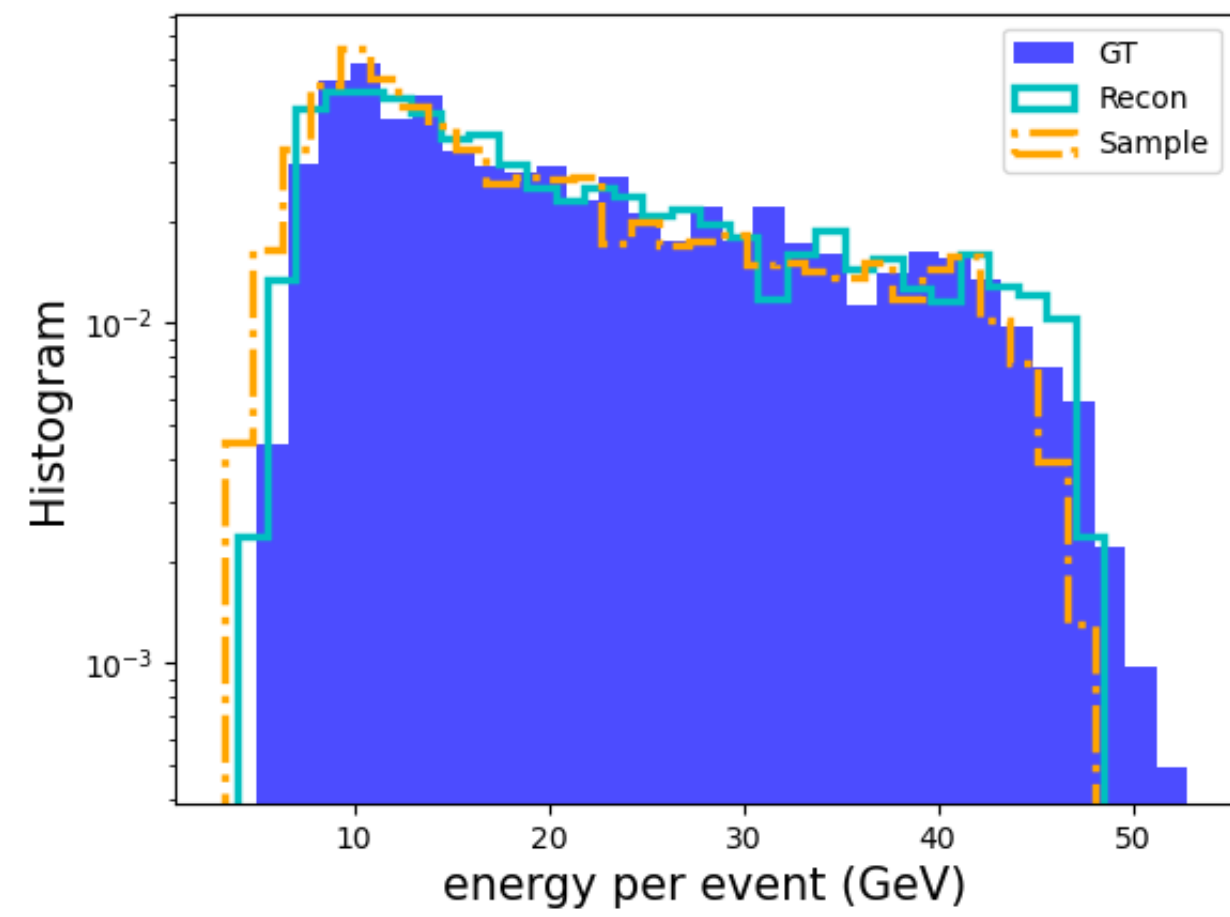
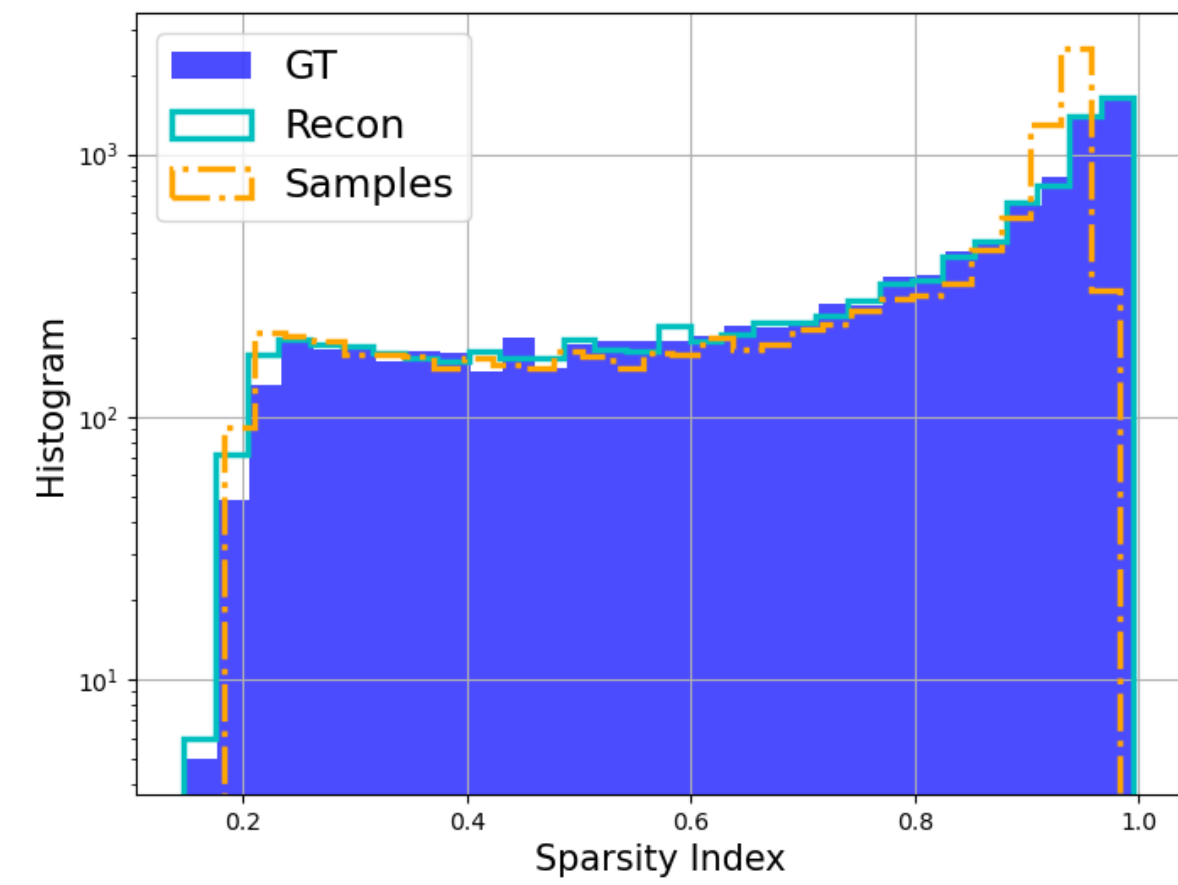
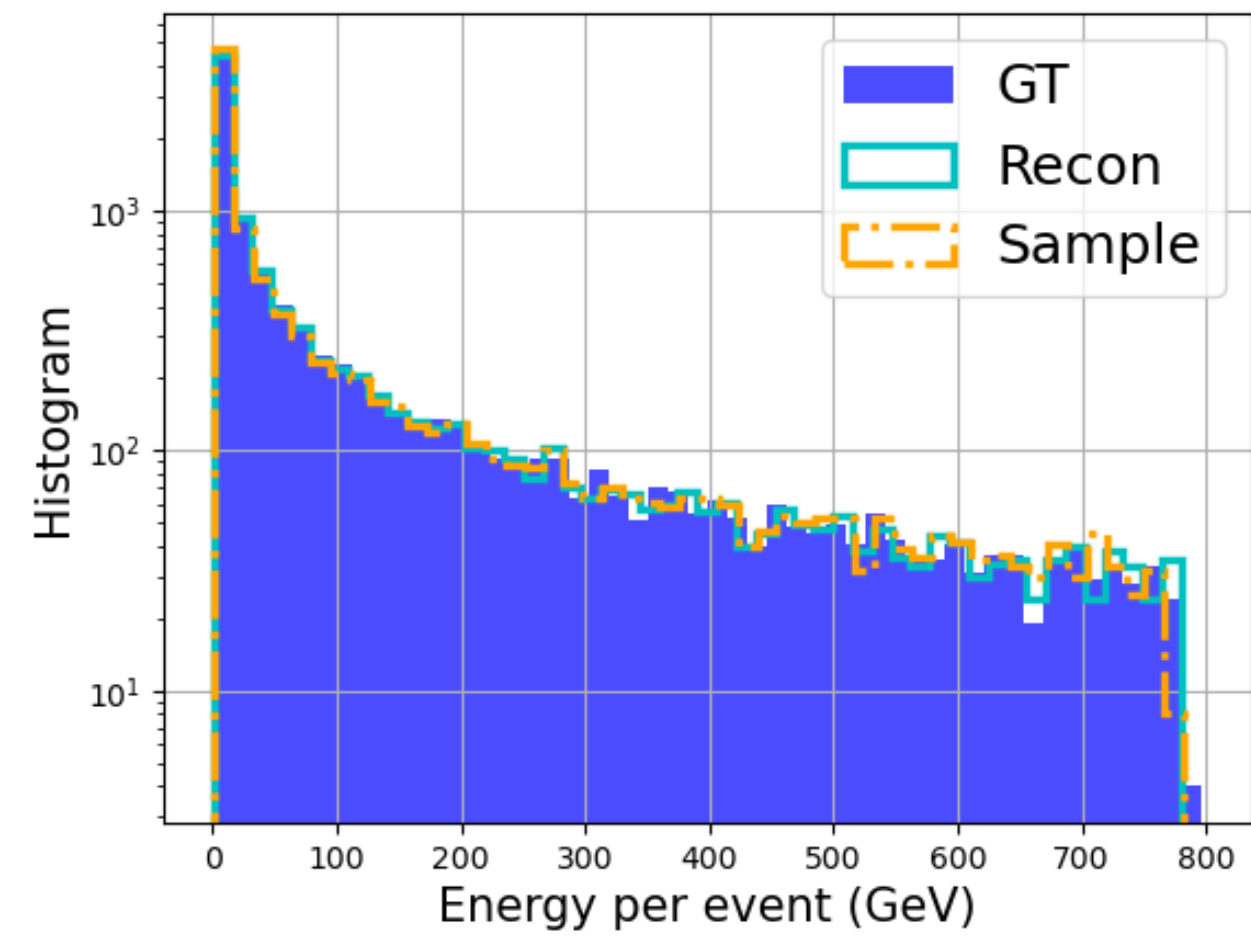


# **QVAE w/ Pegasus**

**Apr 22nd**

# Results

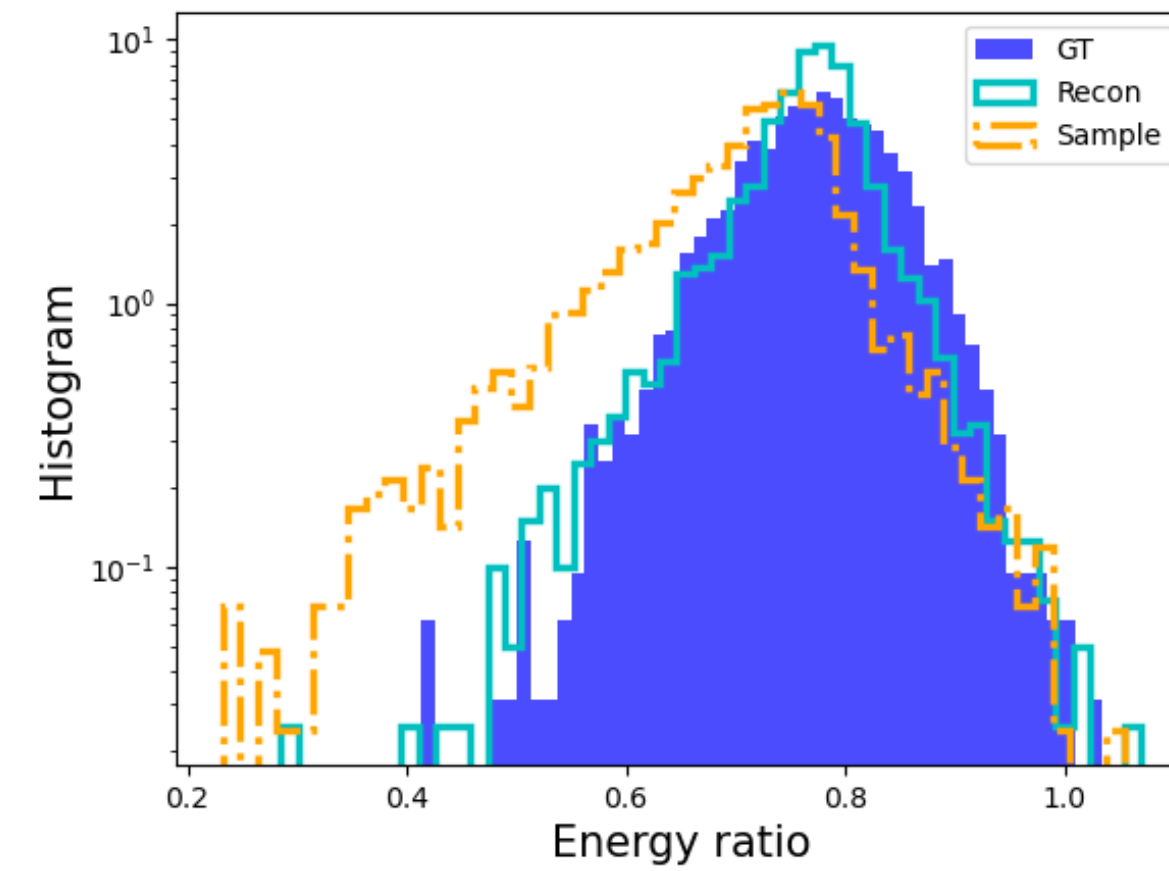
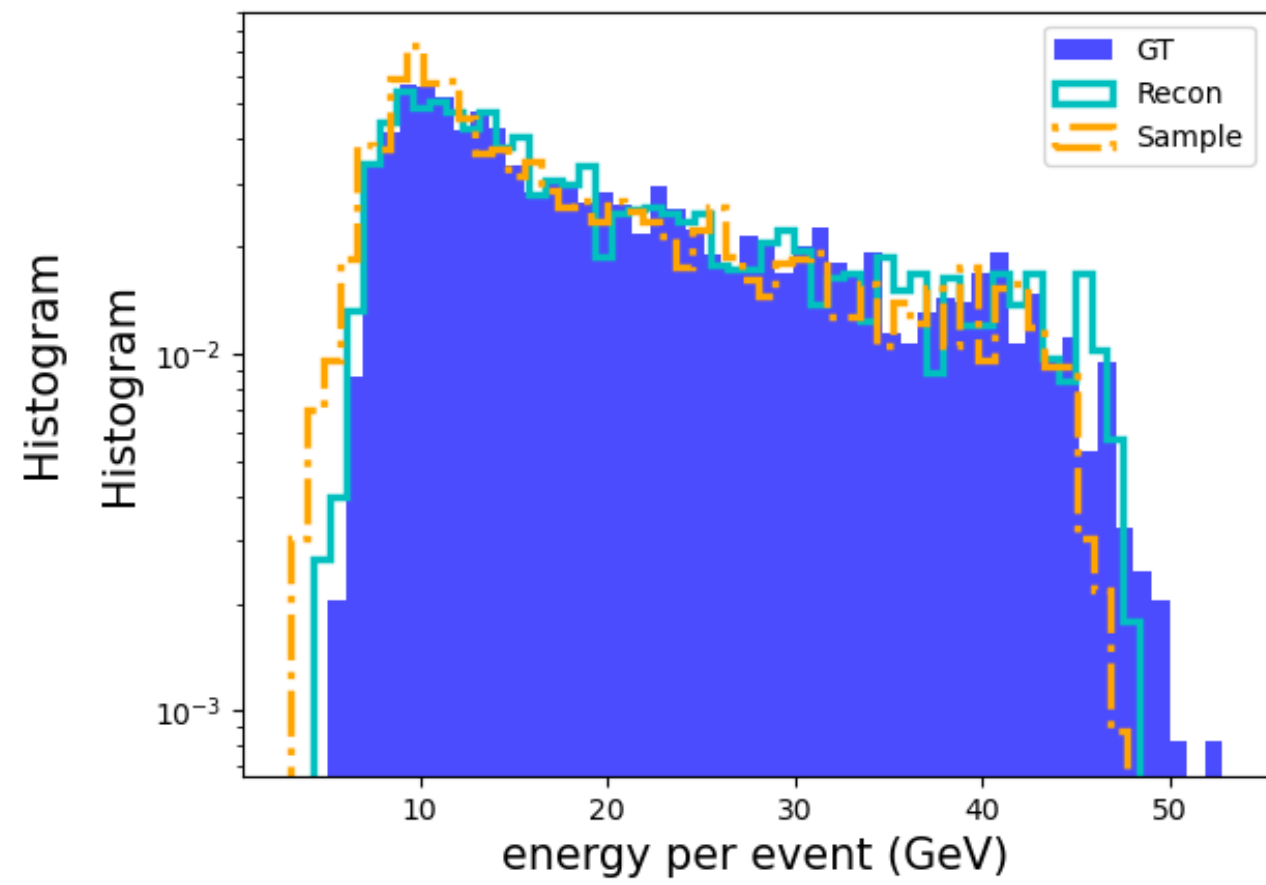
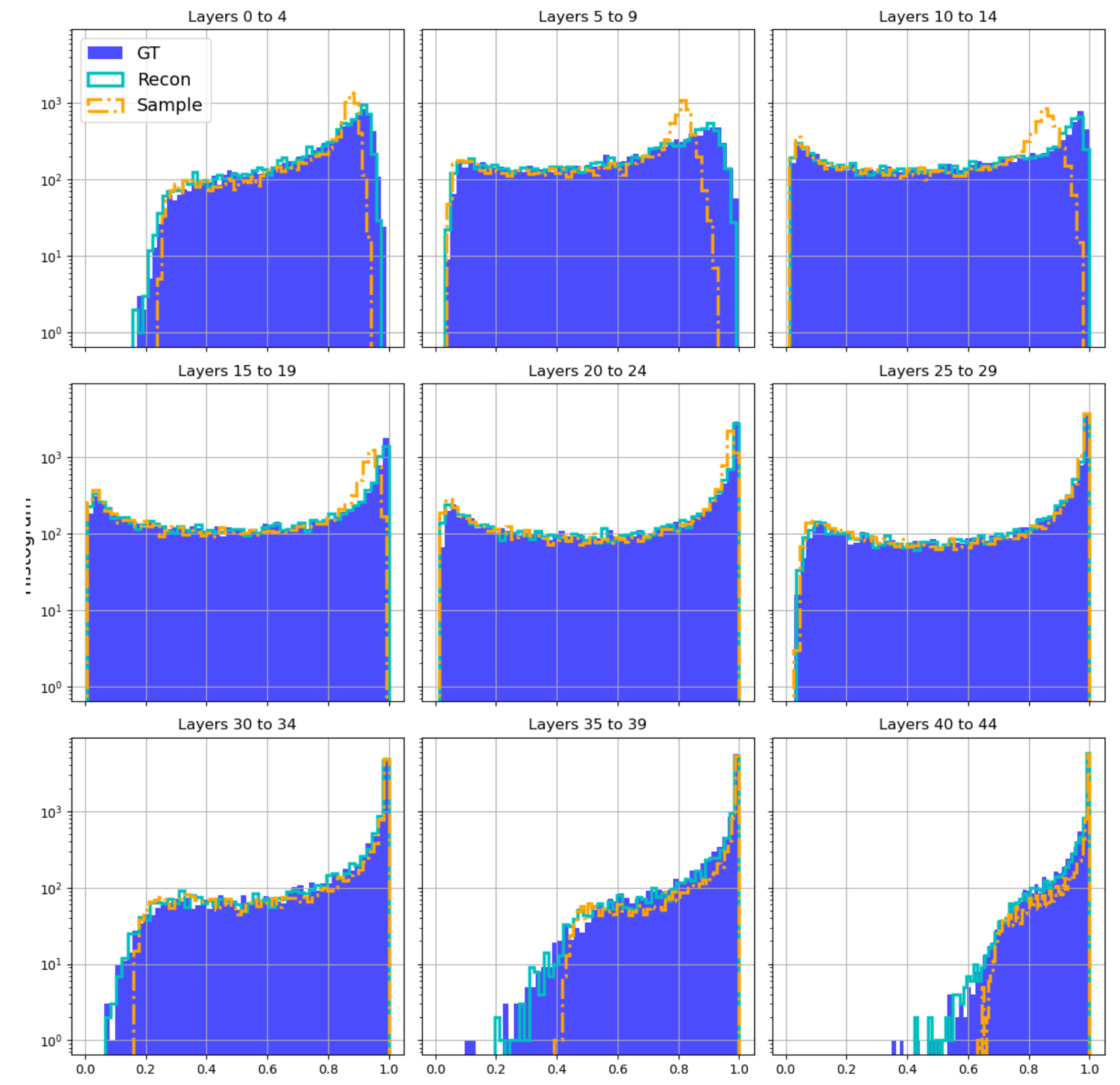
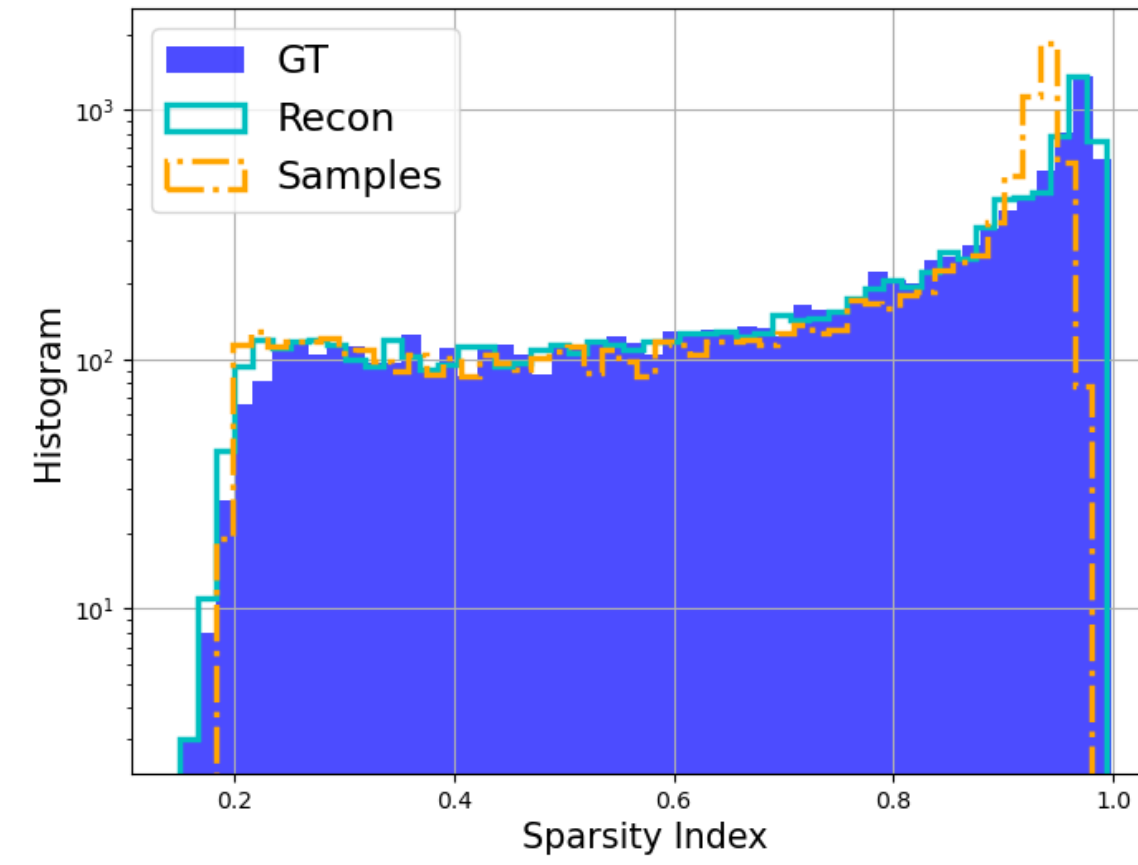
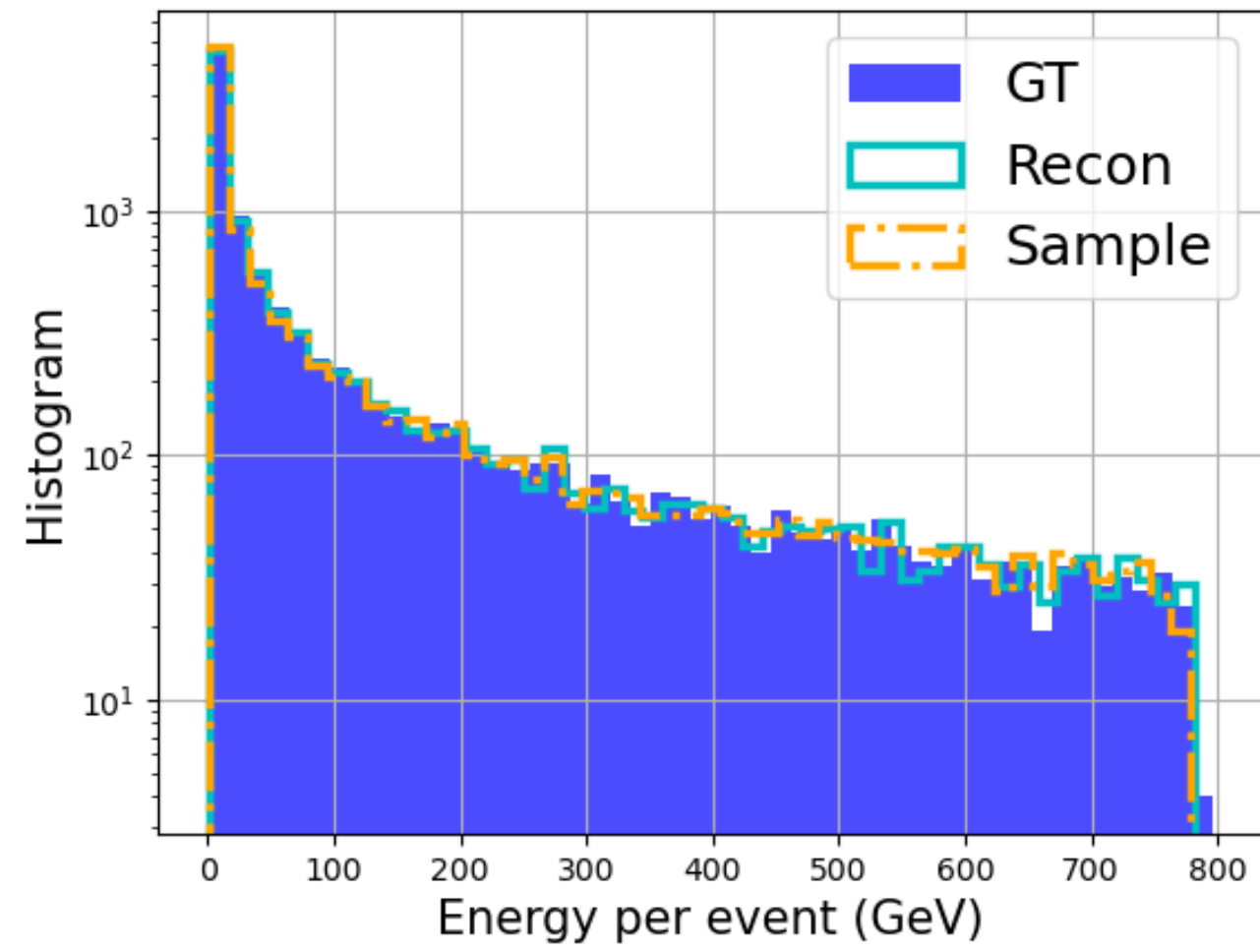


$$10\text{GeV} < E_{inc} < 60\text{GeV}$$

Target

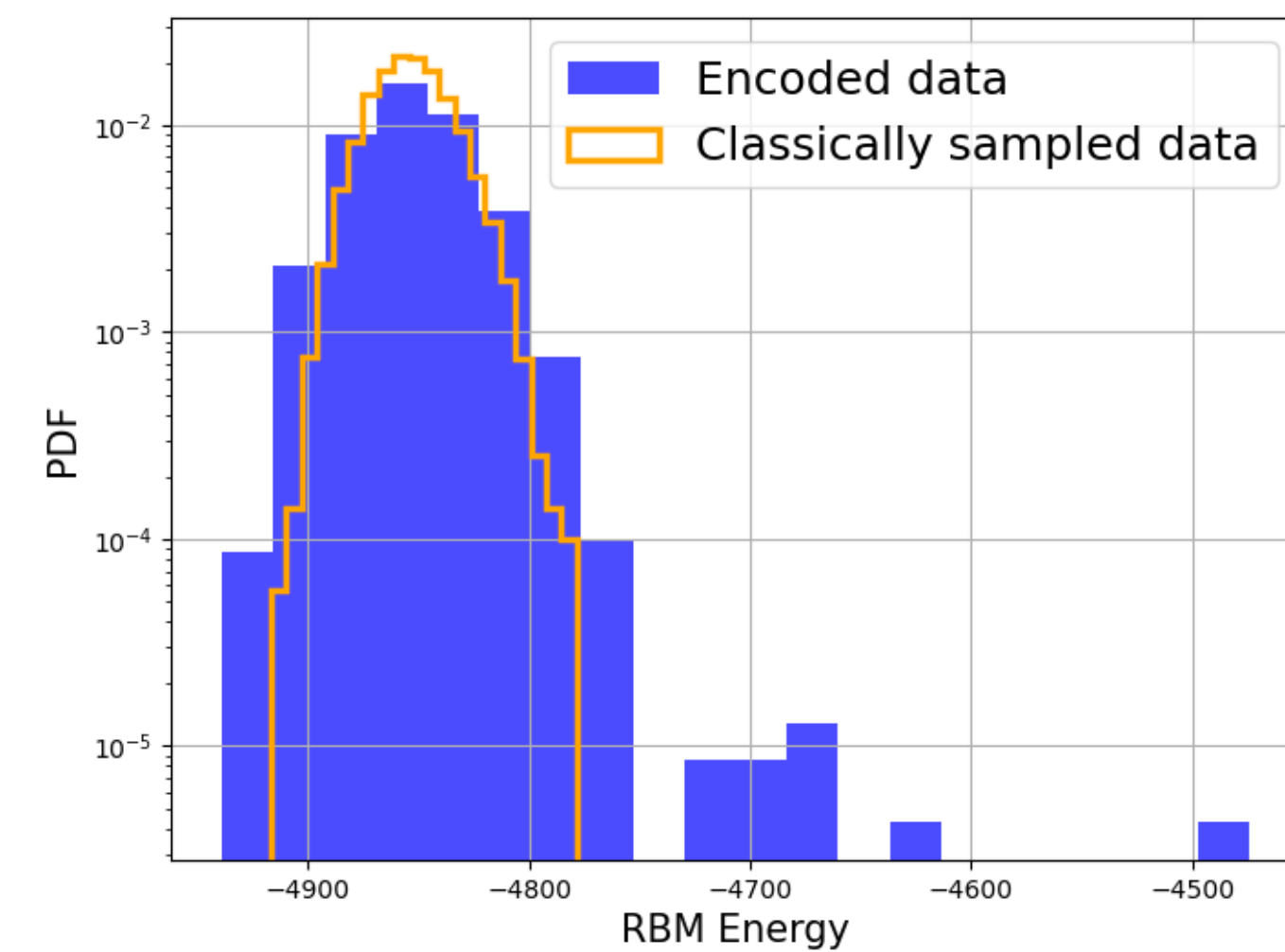
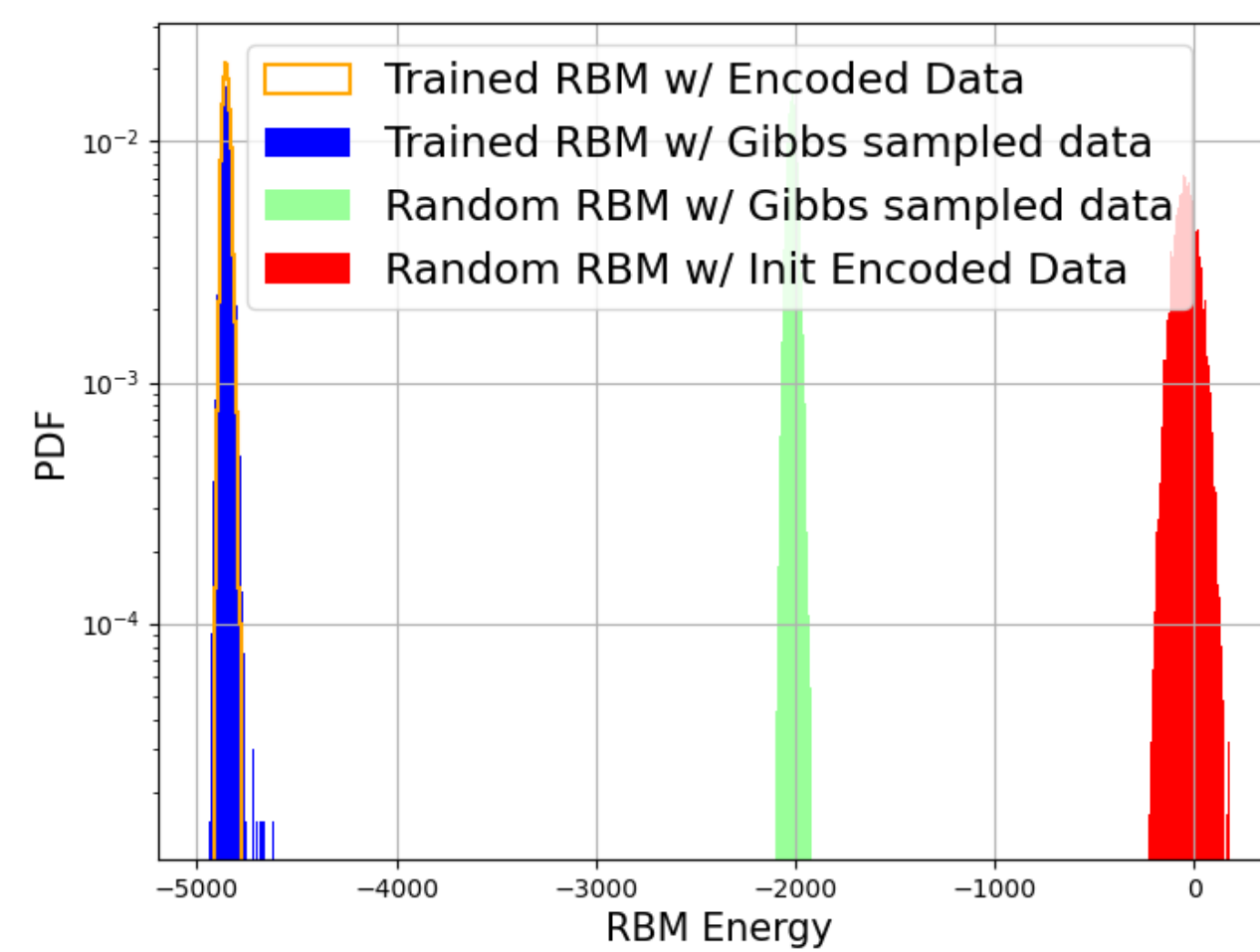
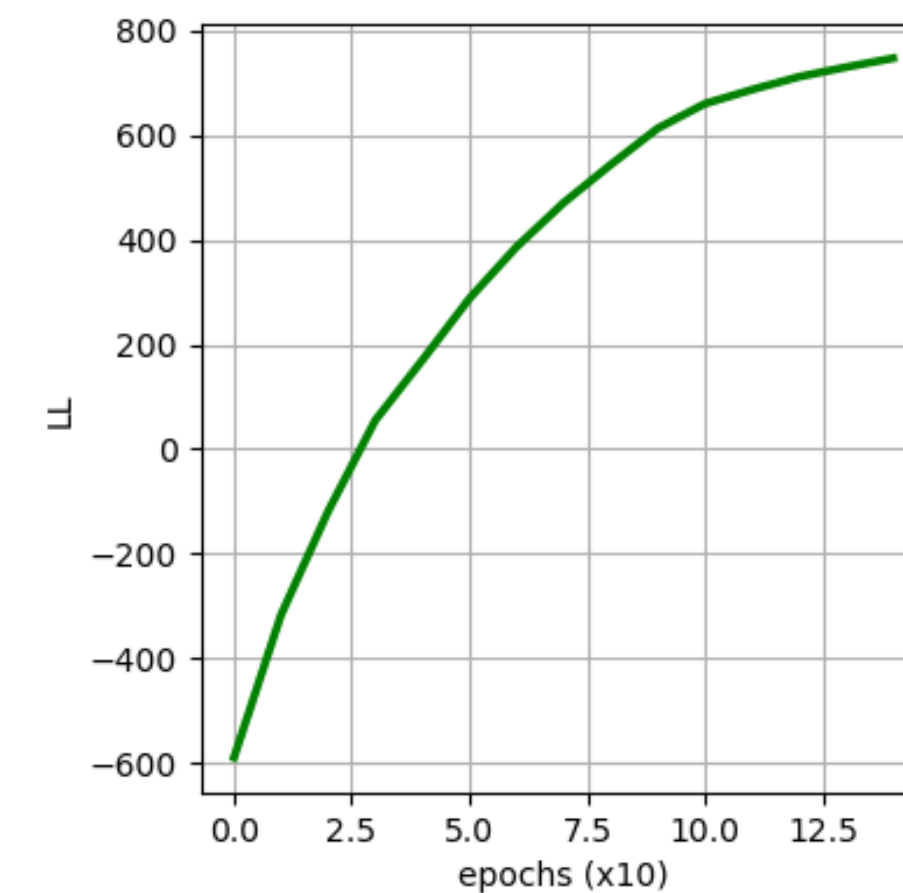
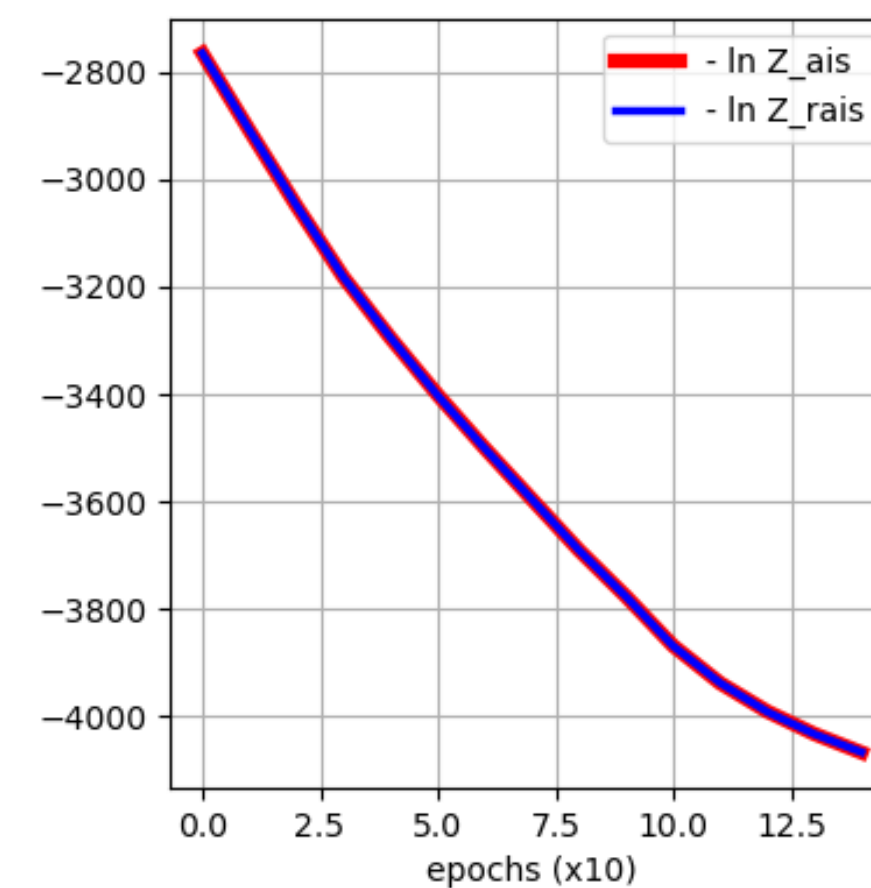
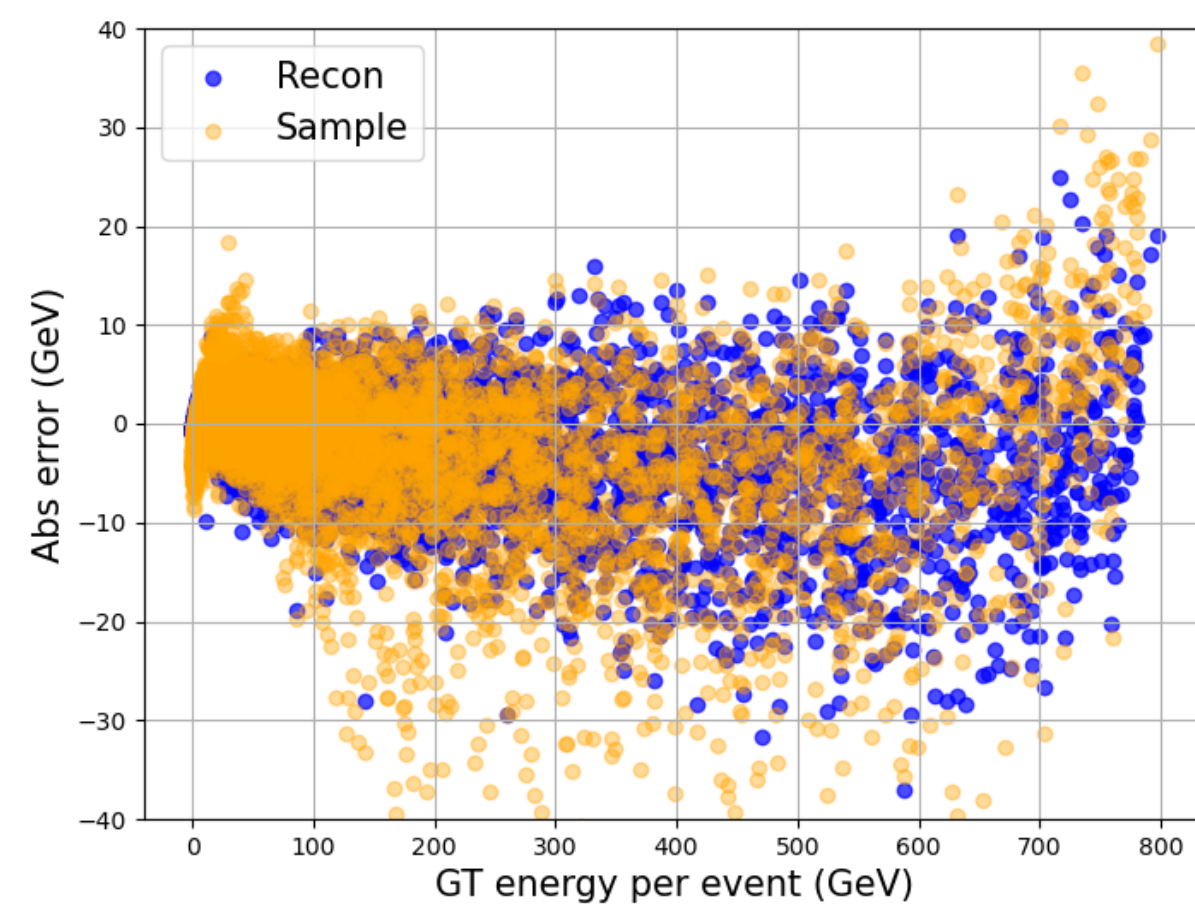
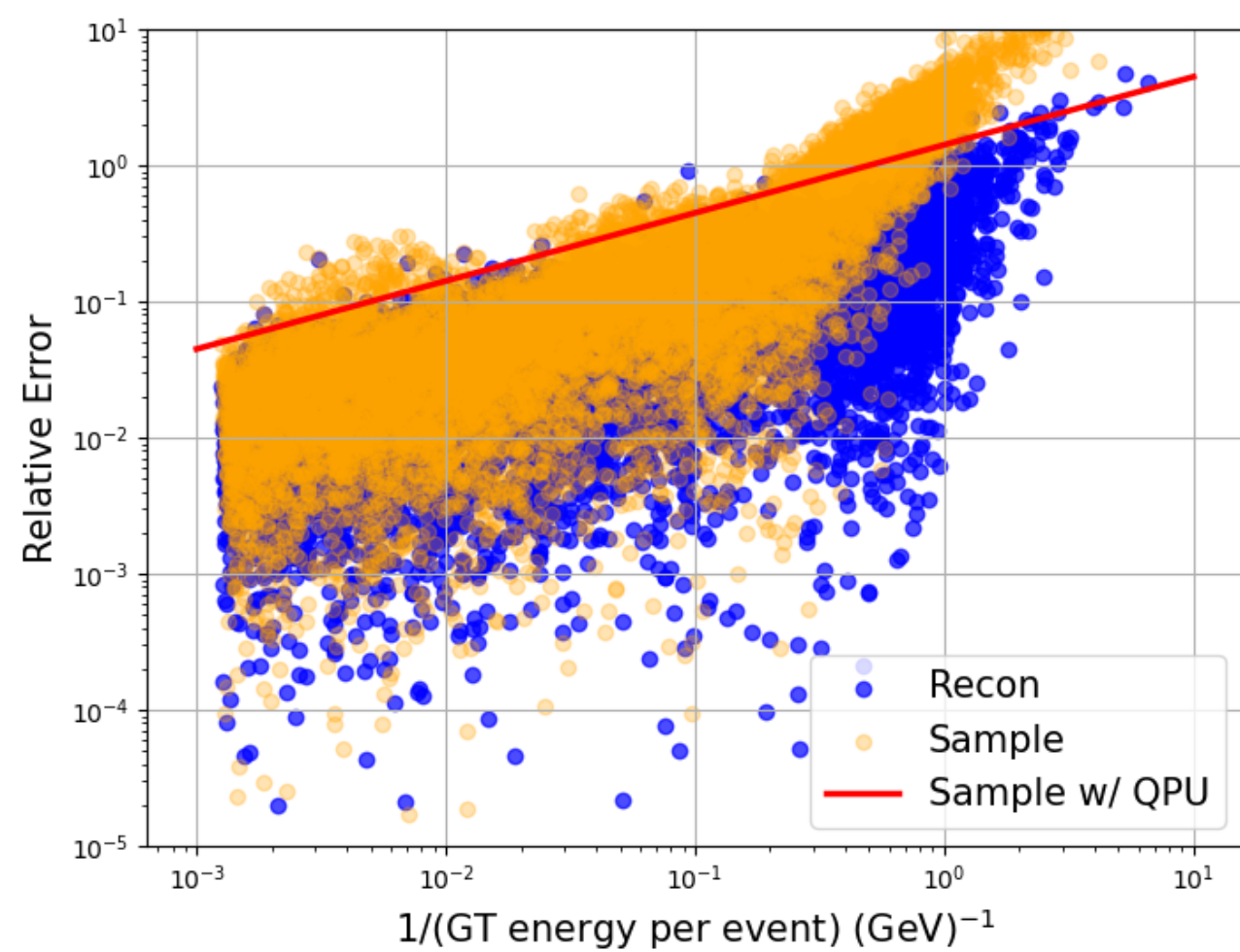
Recon

# Results



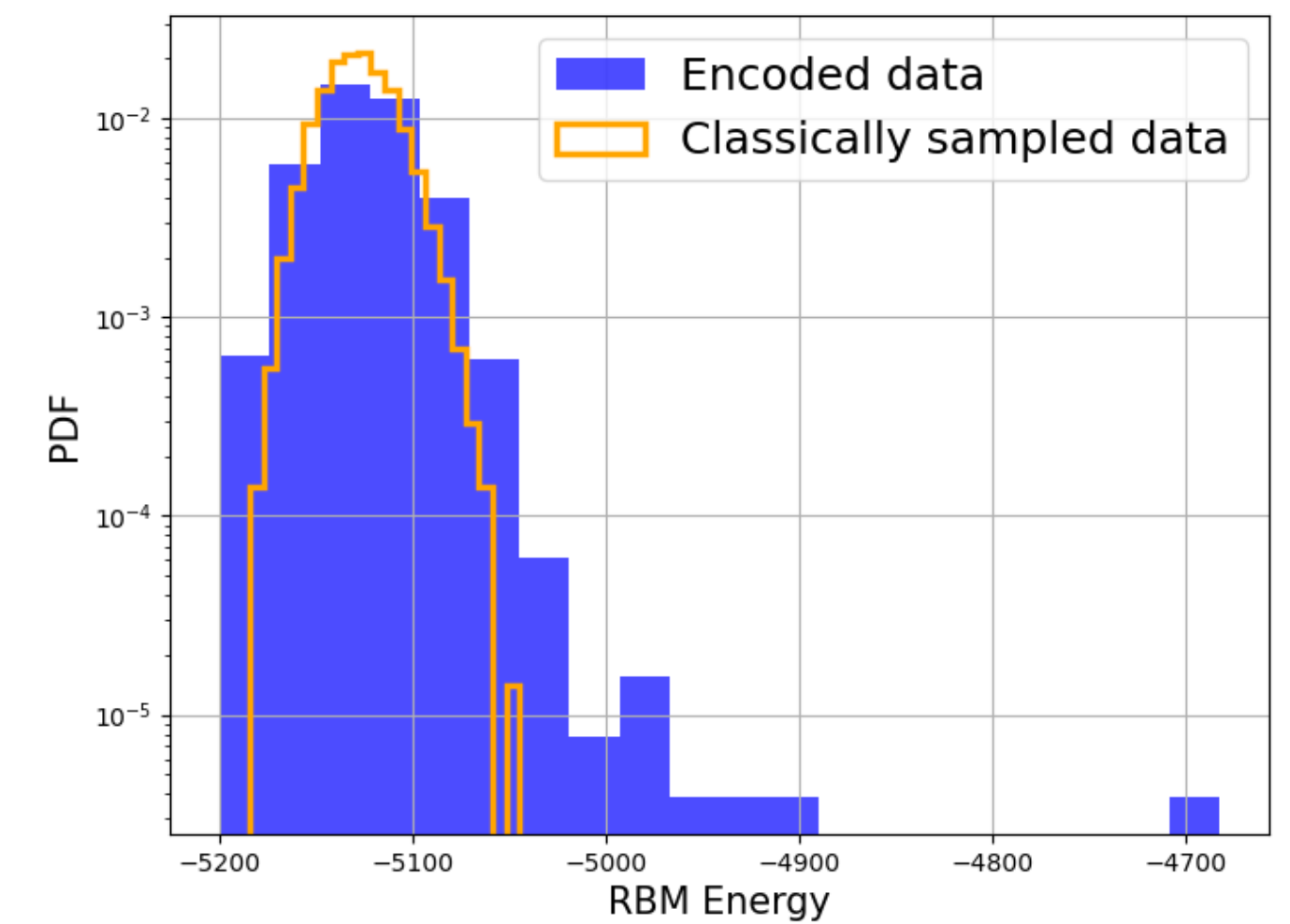
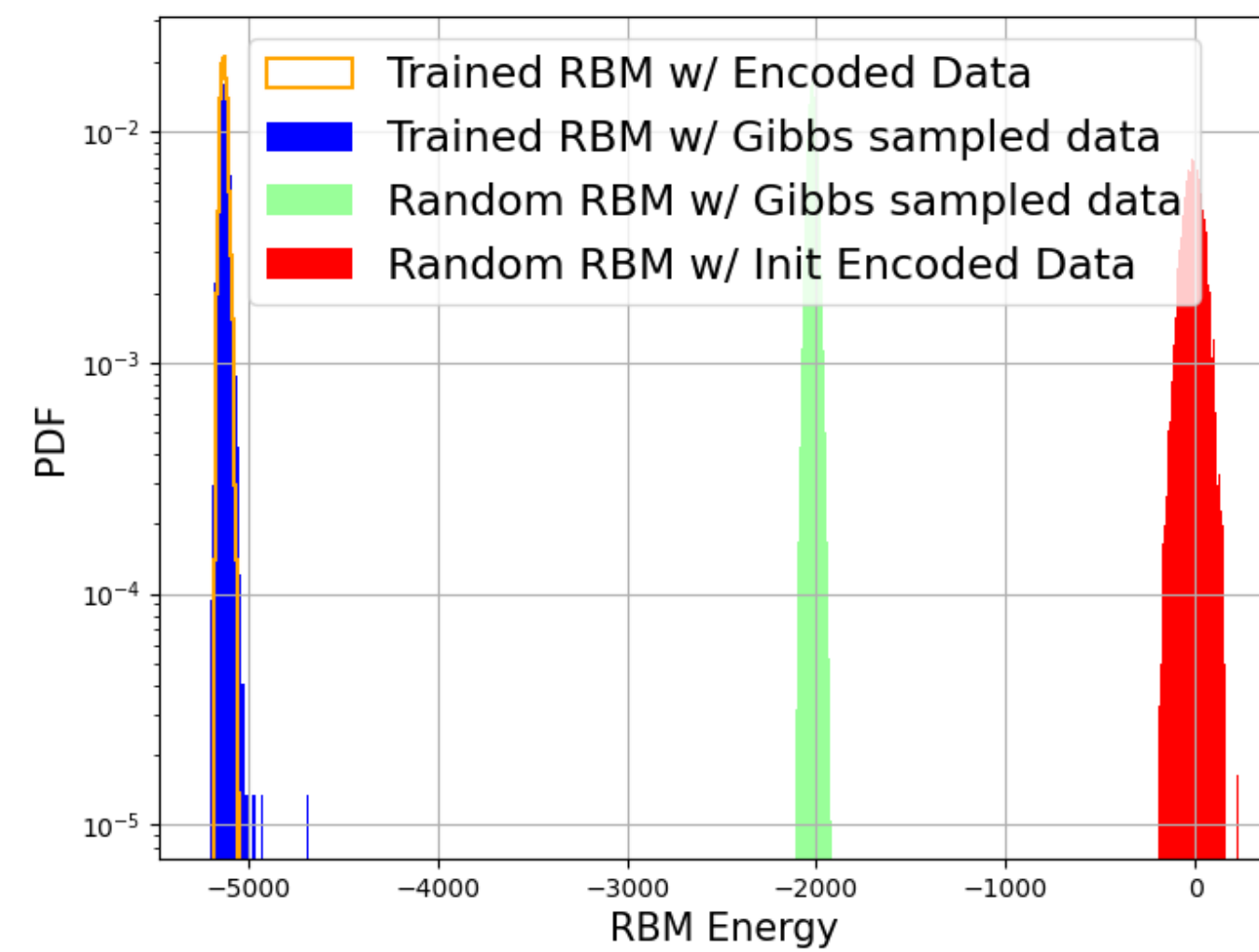
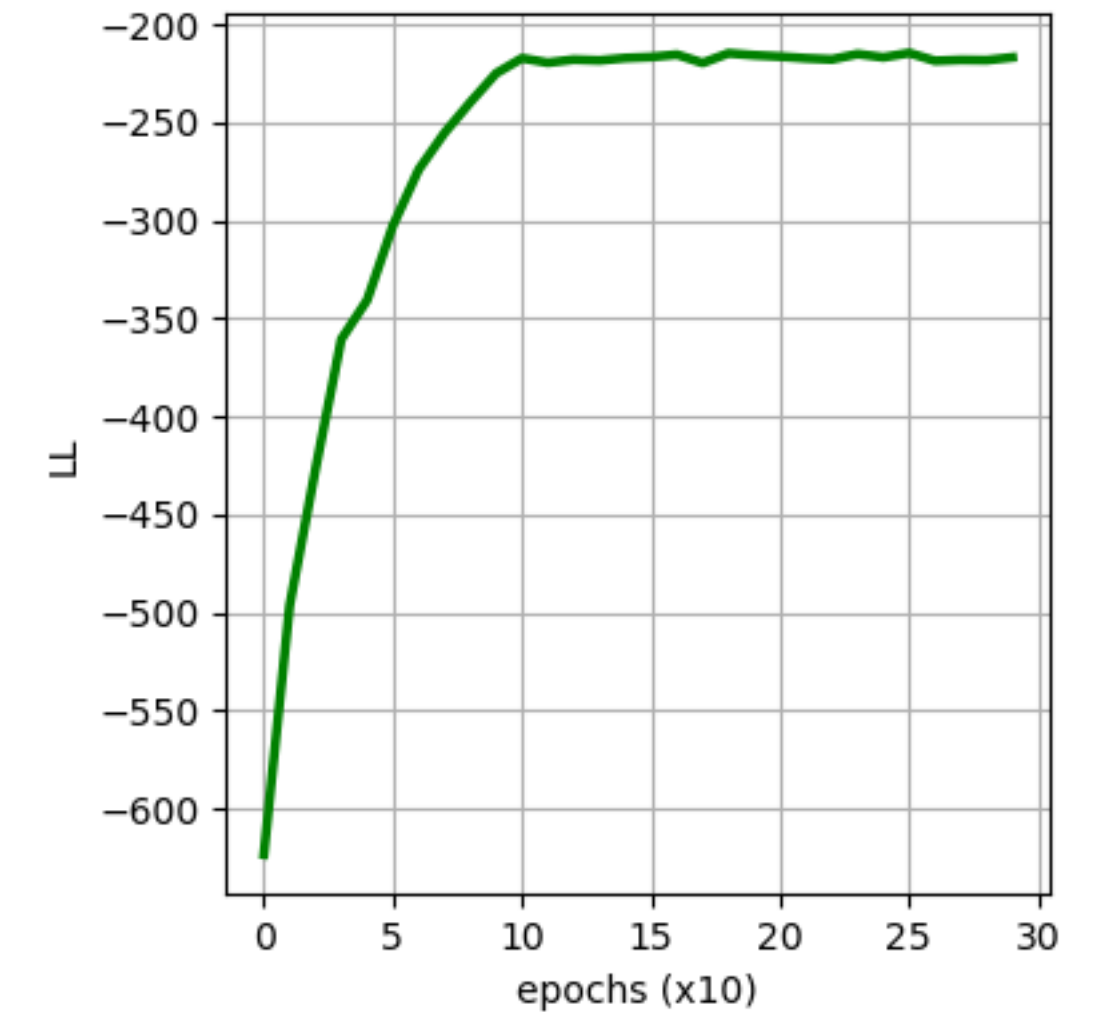
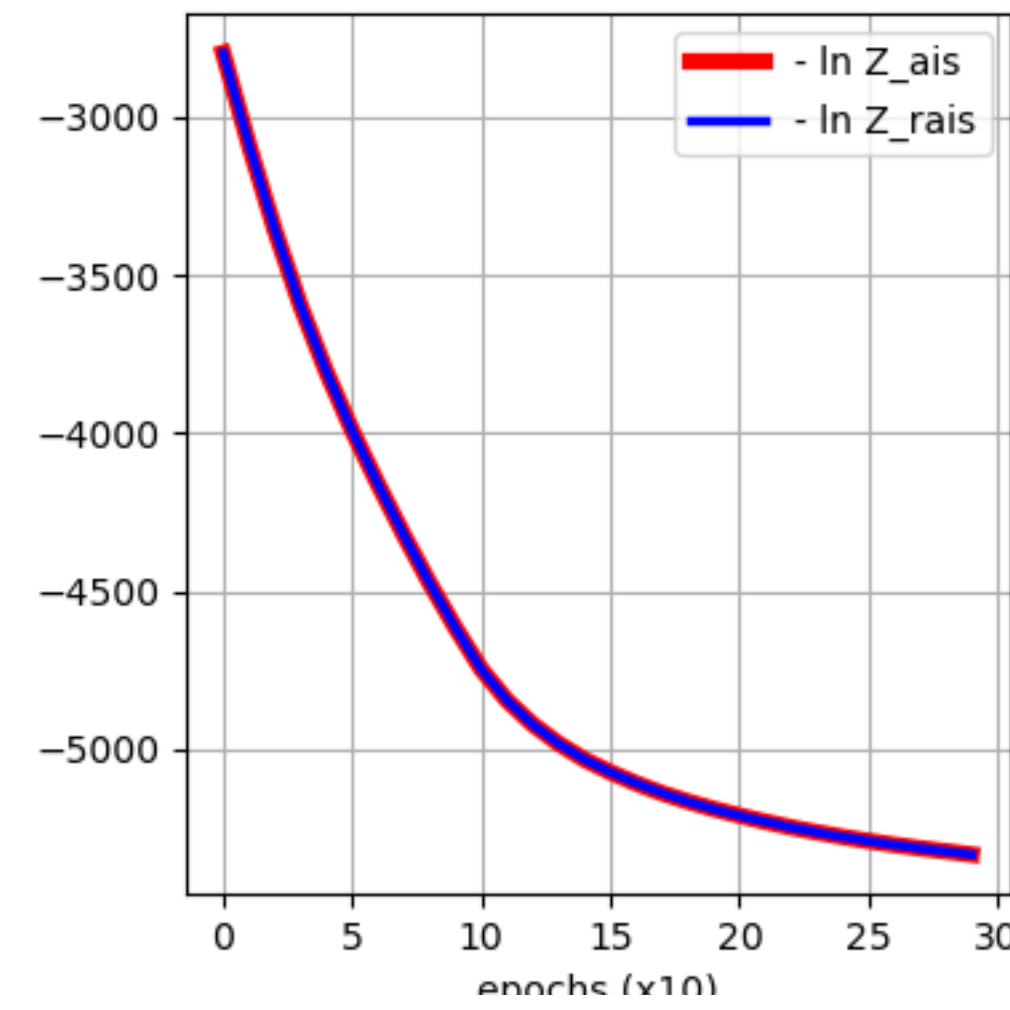
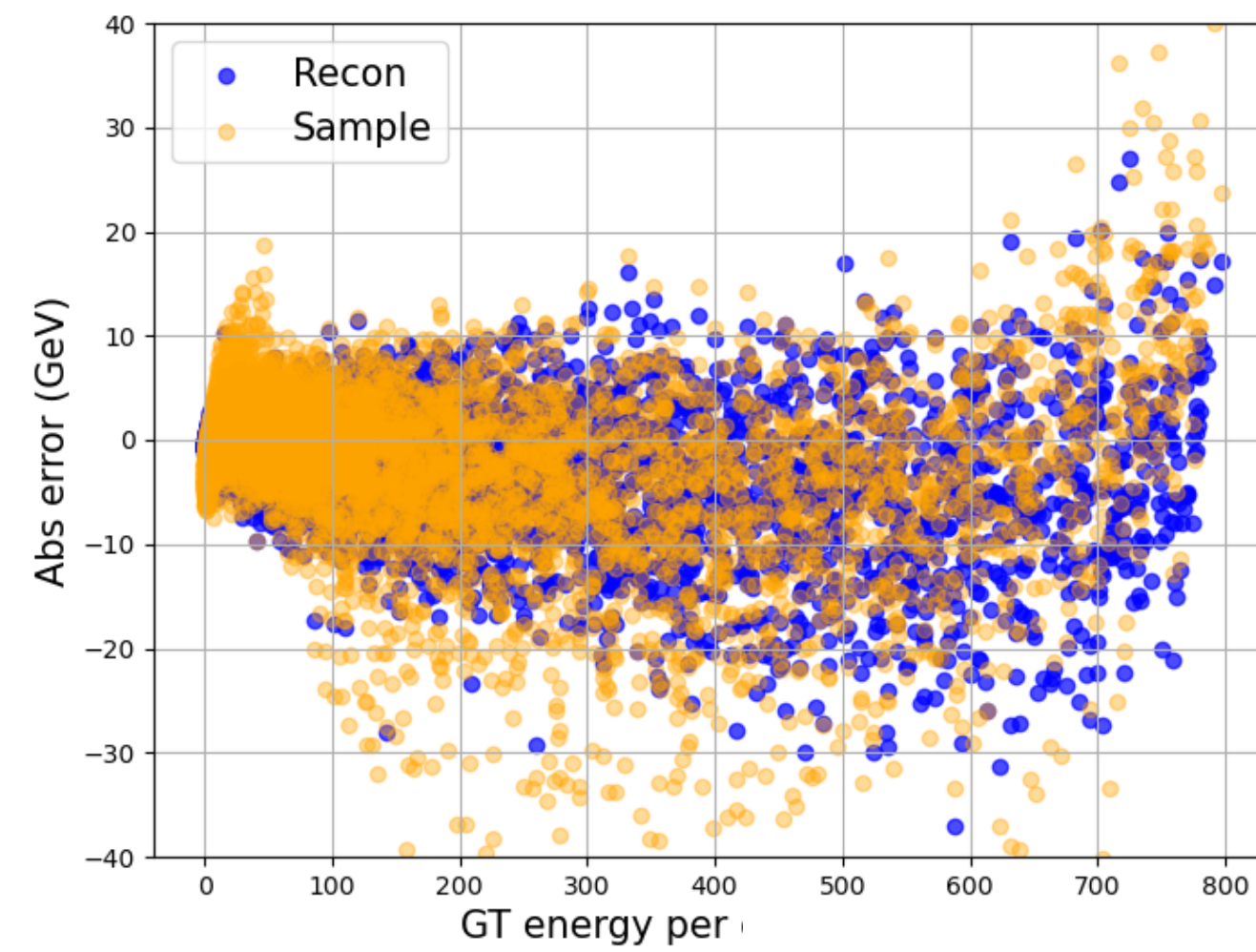
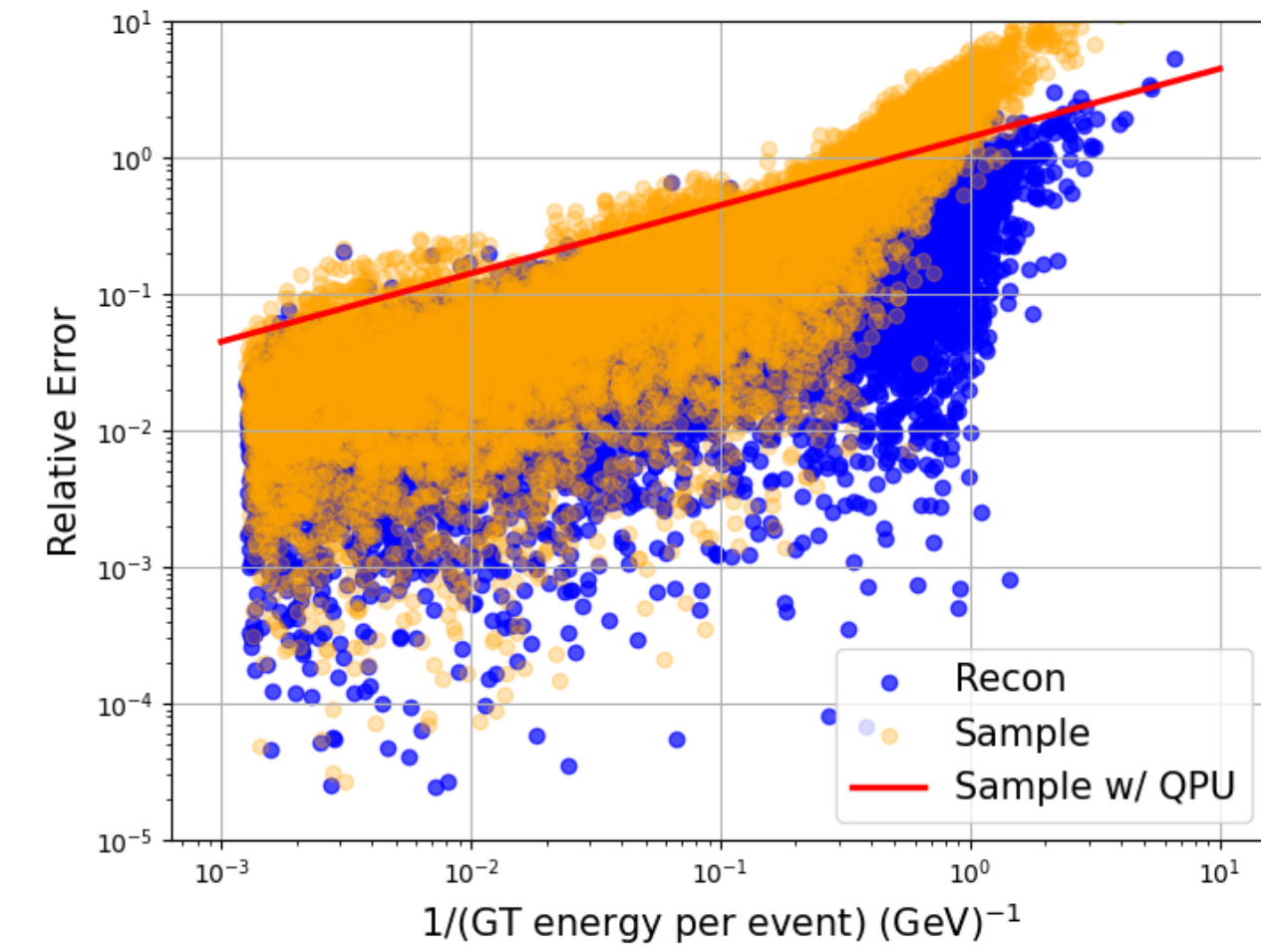
$$10\text{GeV} < E_{inc} < 60\text{GeV}$$

# Results

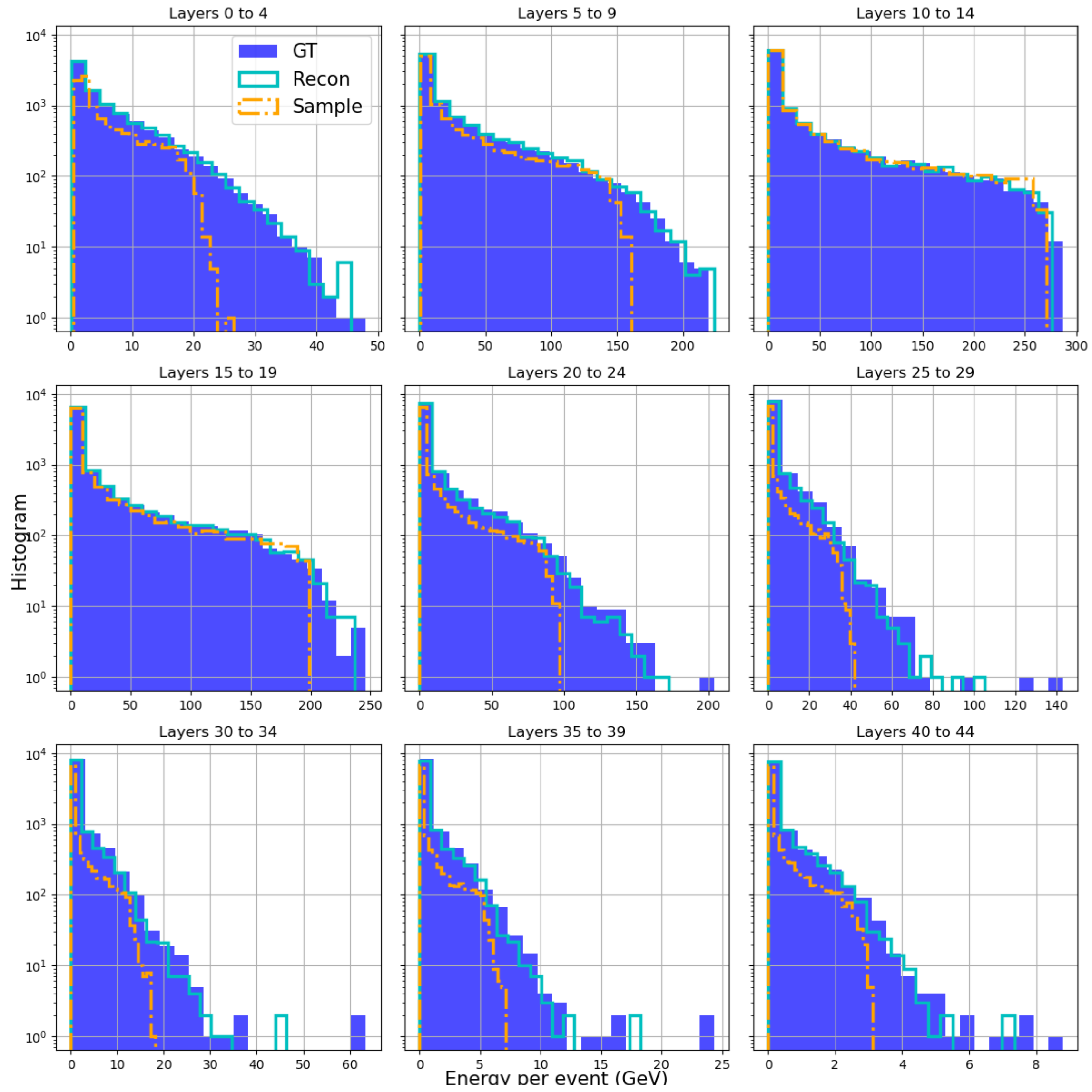




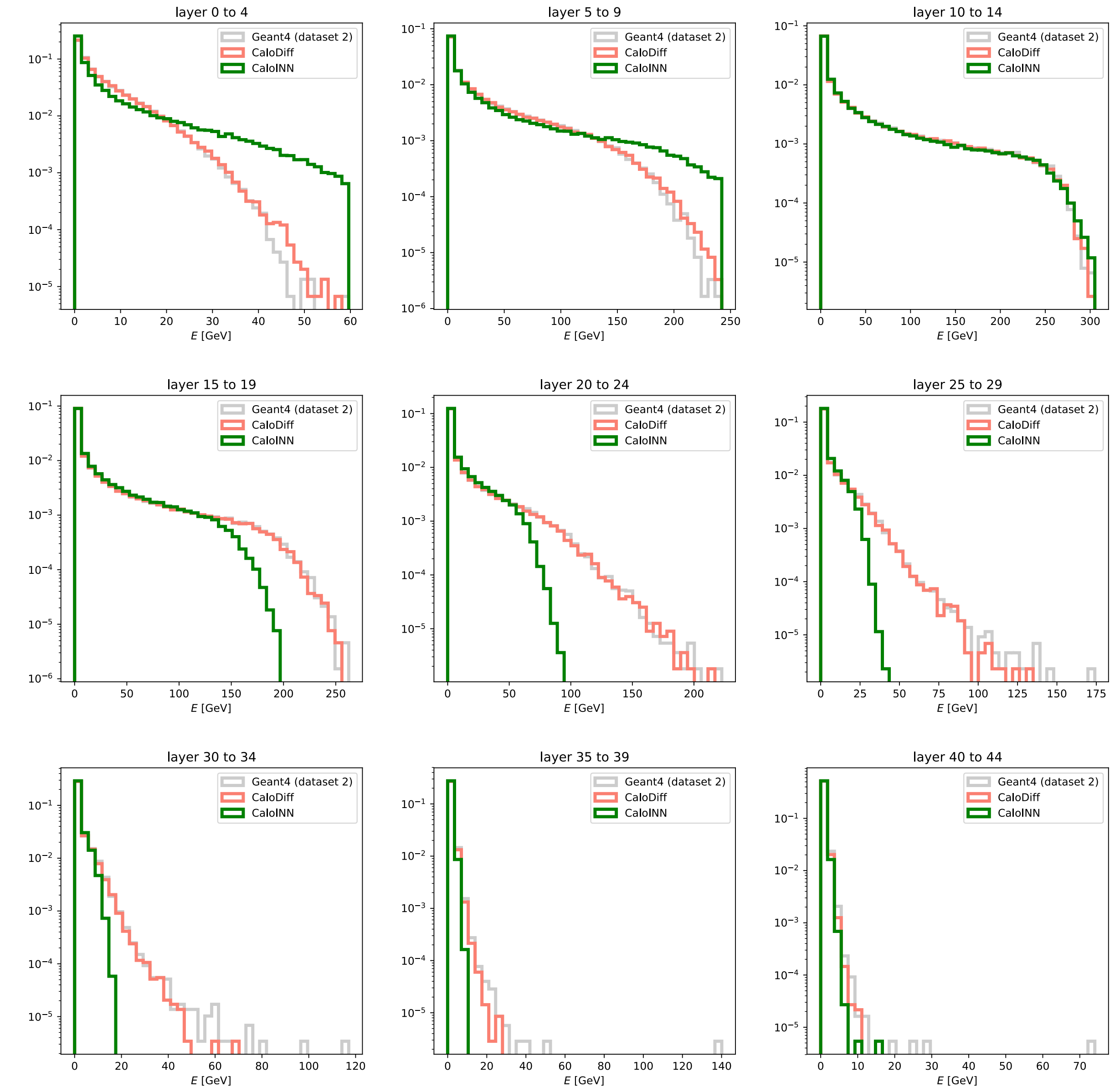
# Results



# Results



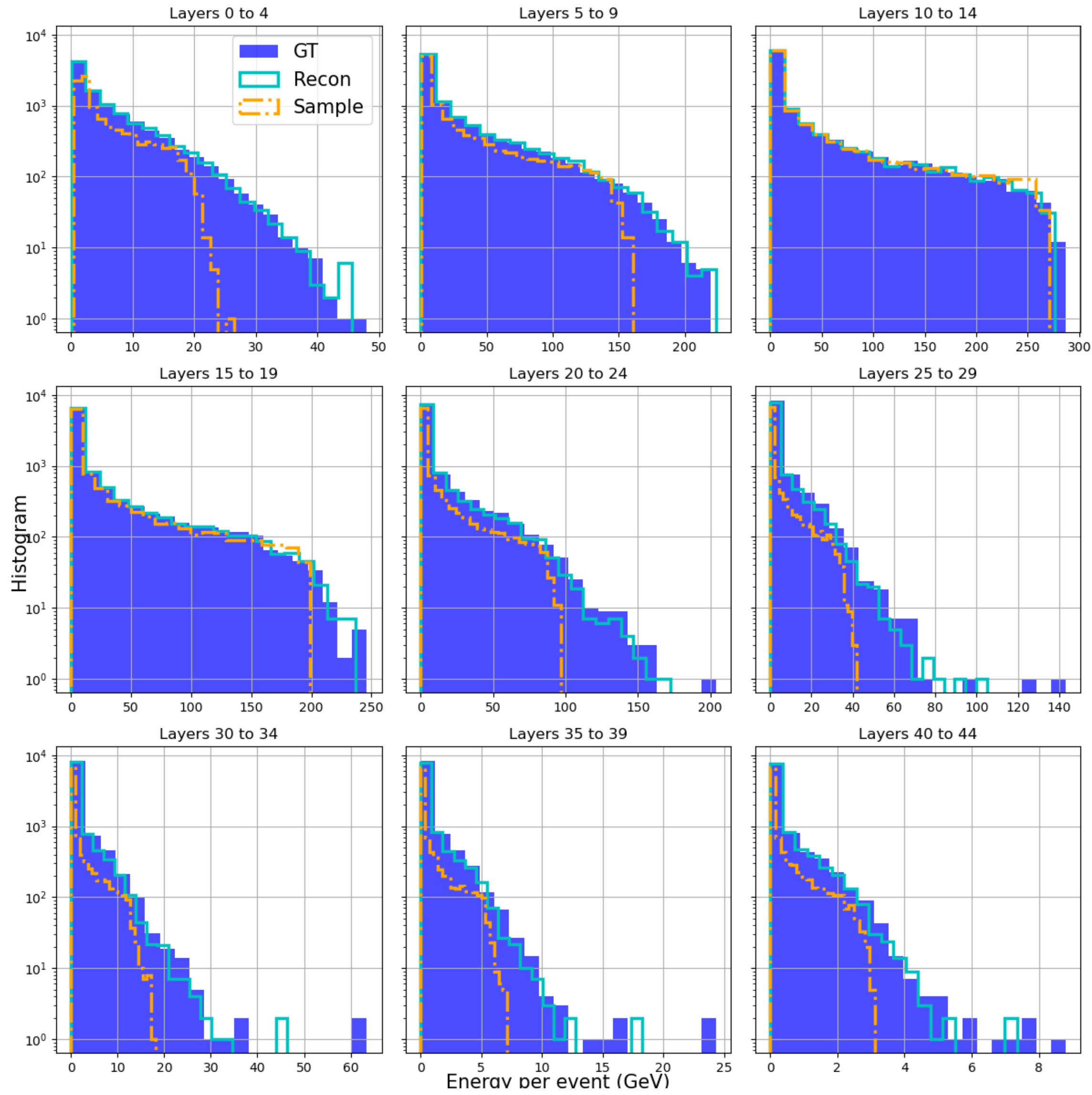
New model



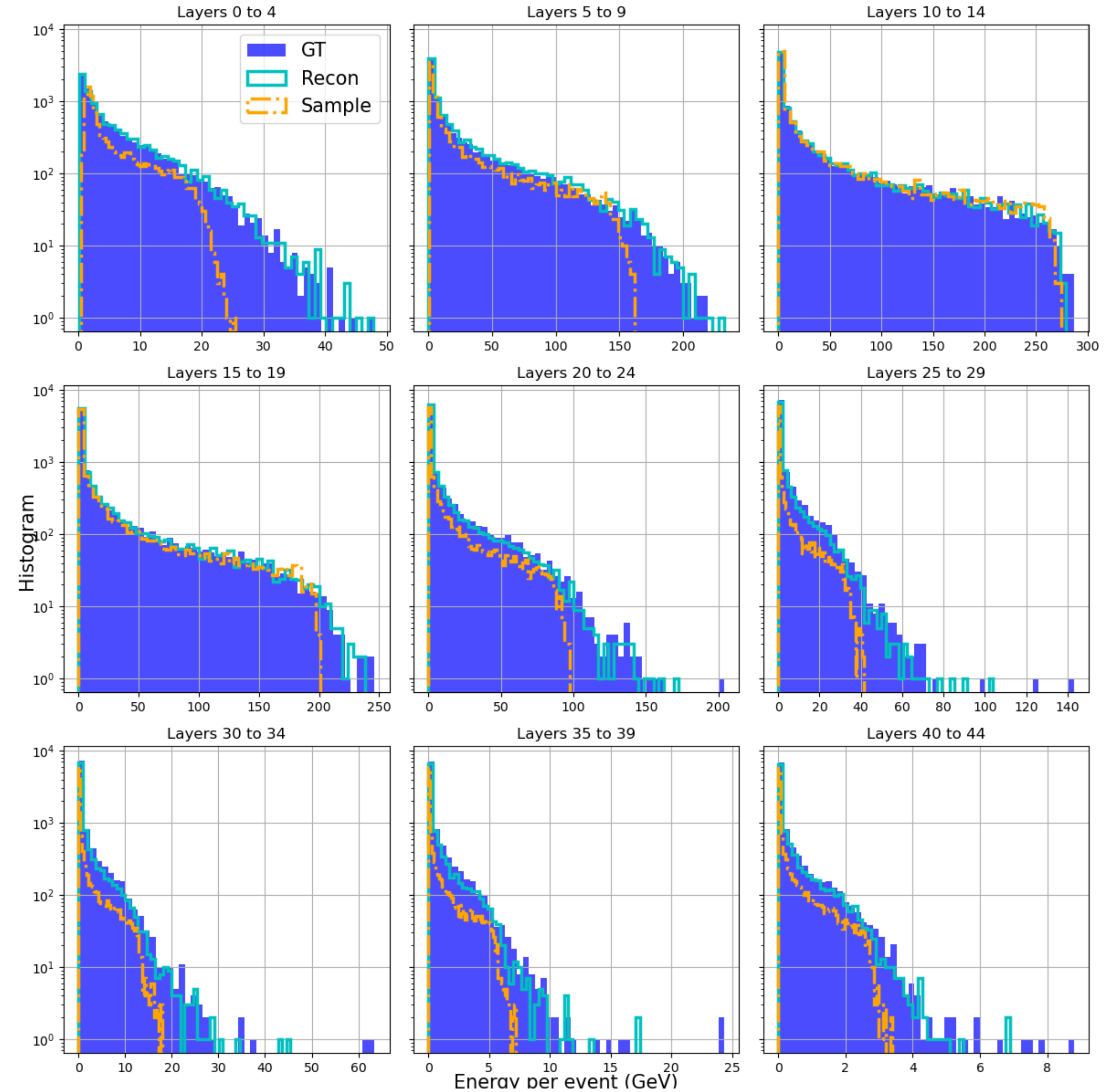
E inc of all 2

CaloDiff & CaloINN

# Results



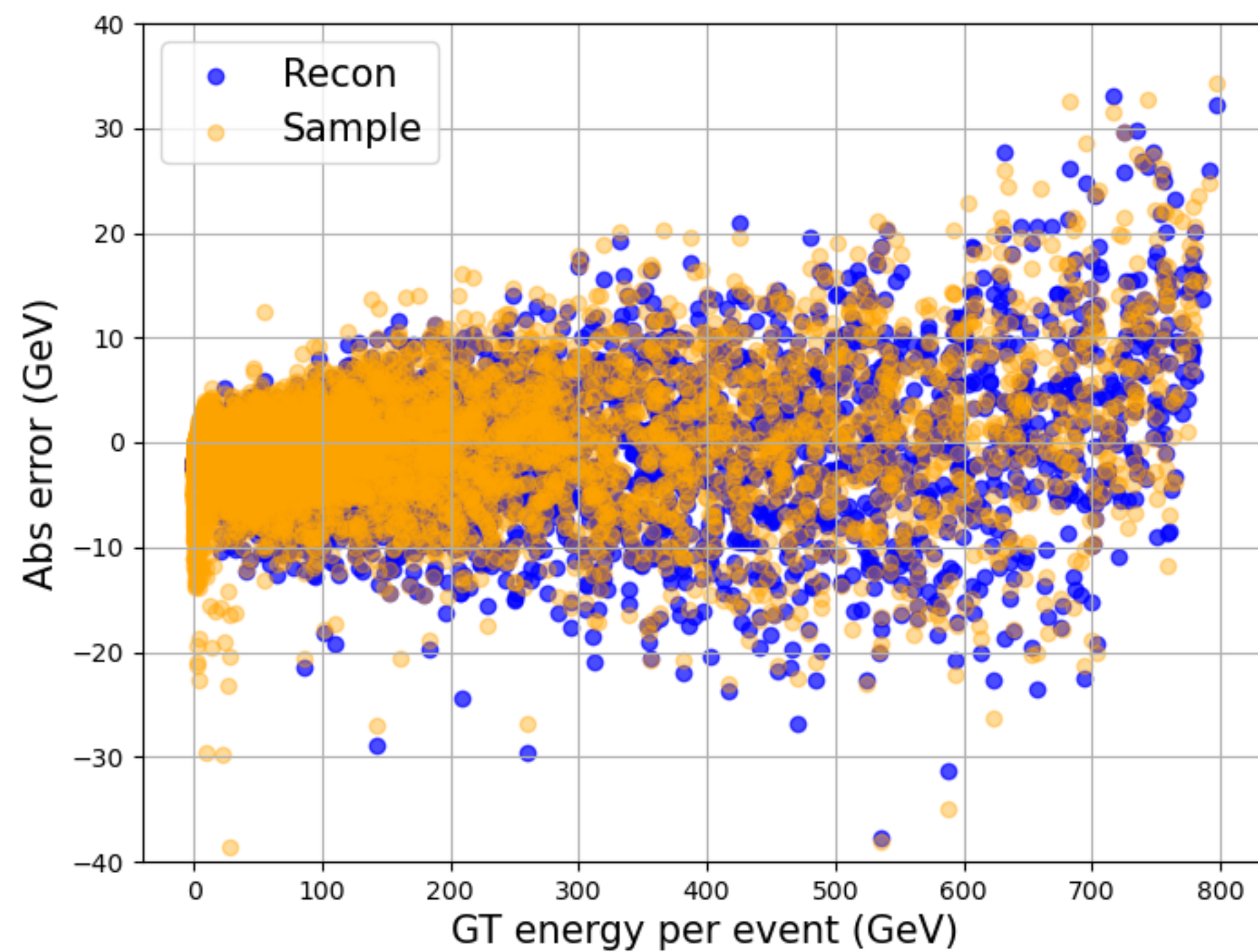
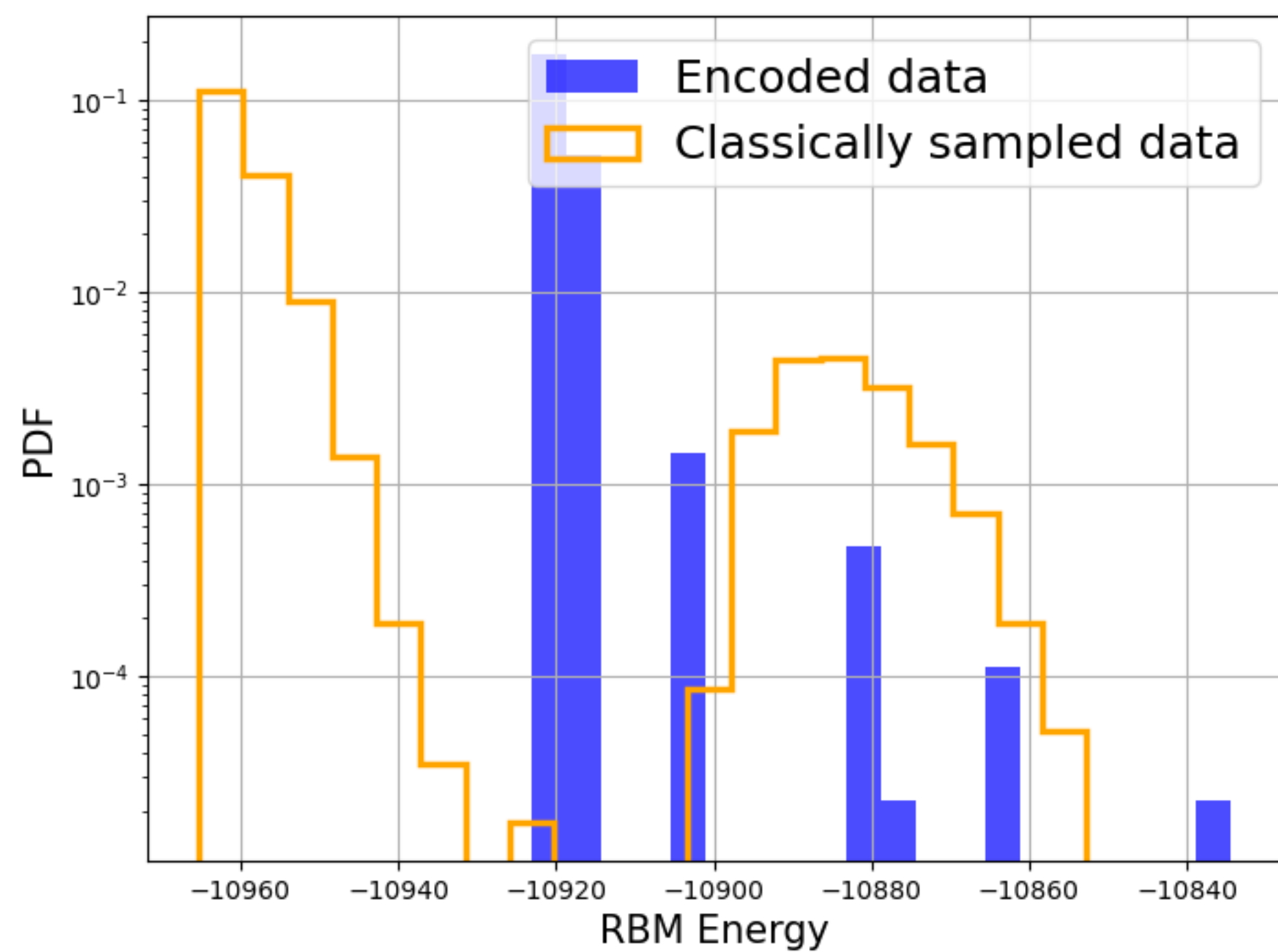
Before



After

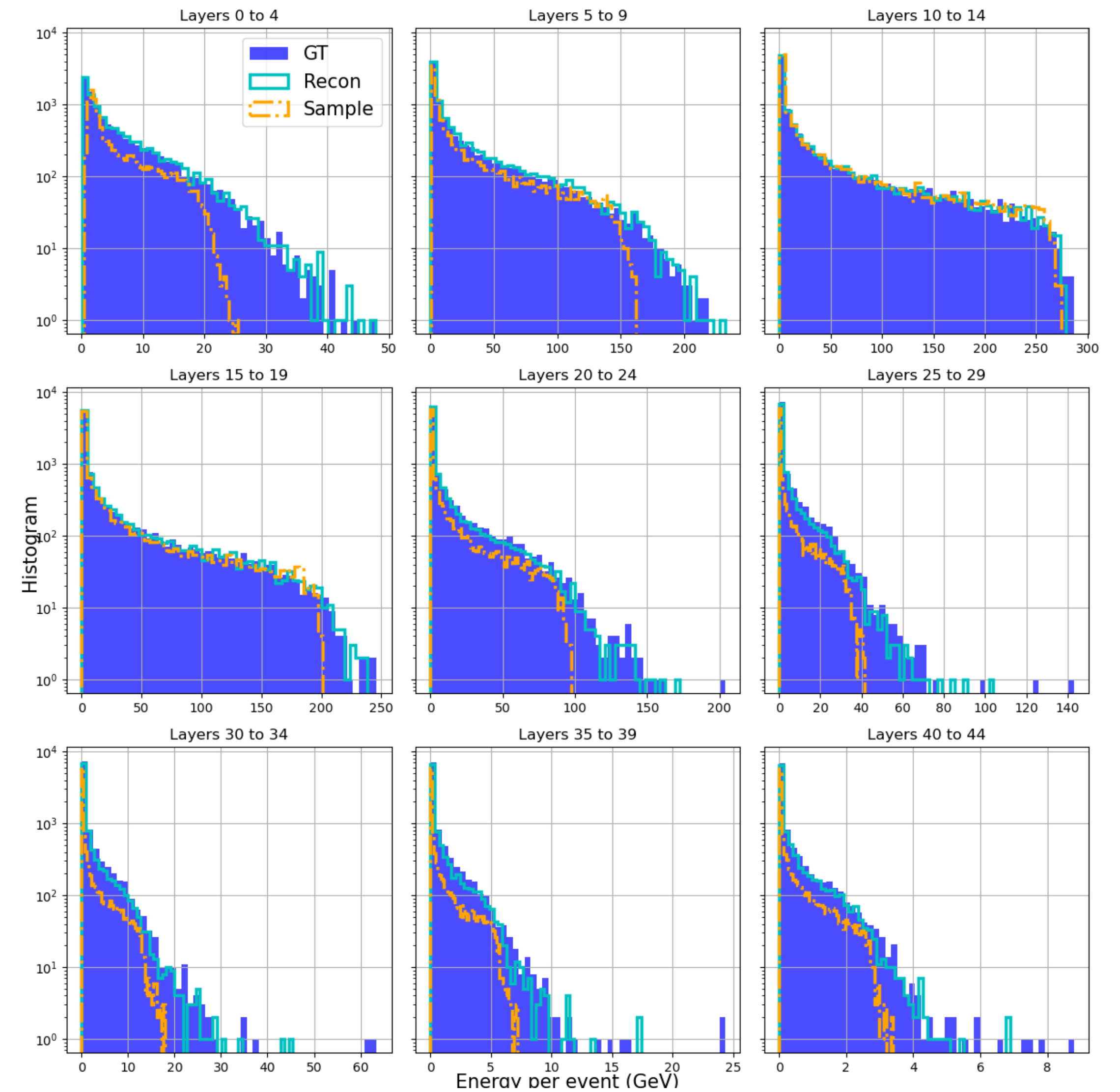
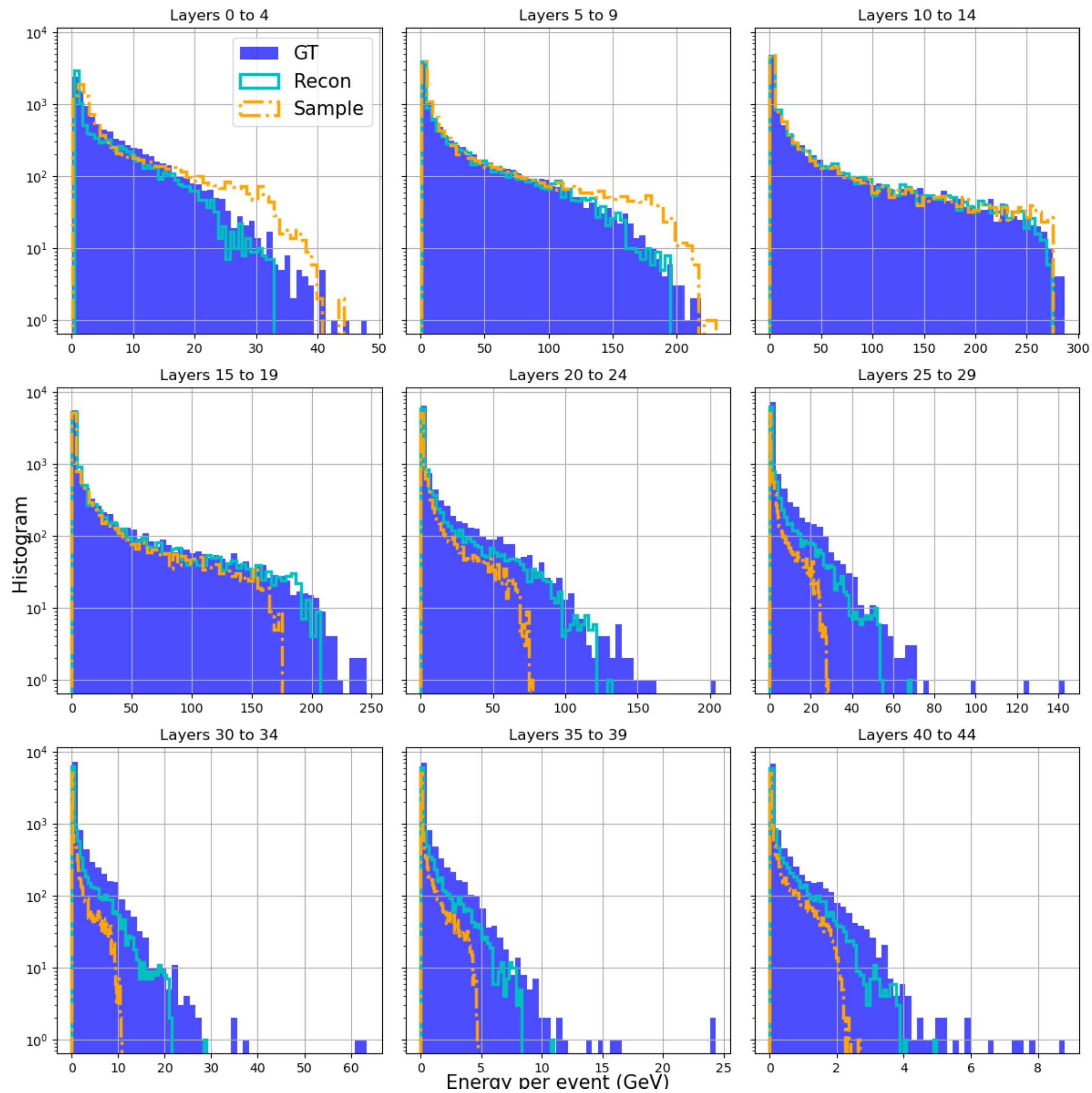


# Fully connected RBM





# Fully connected RBM



# Moving to Zephyr

