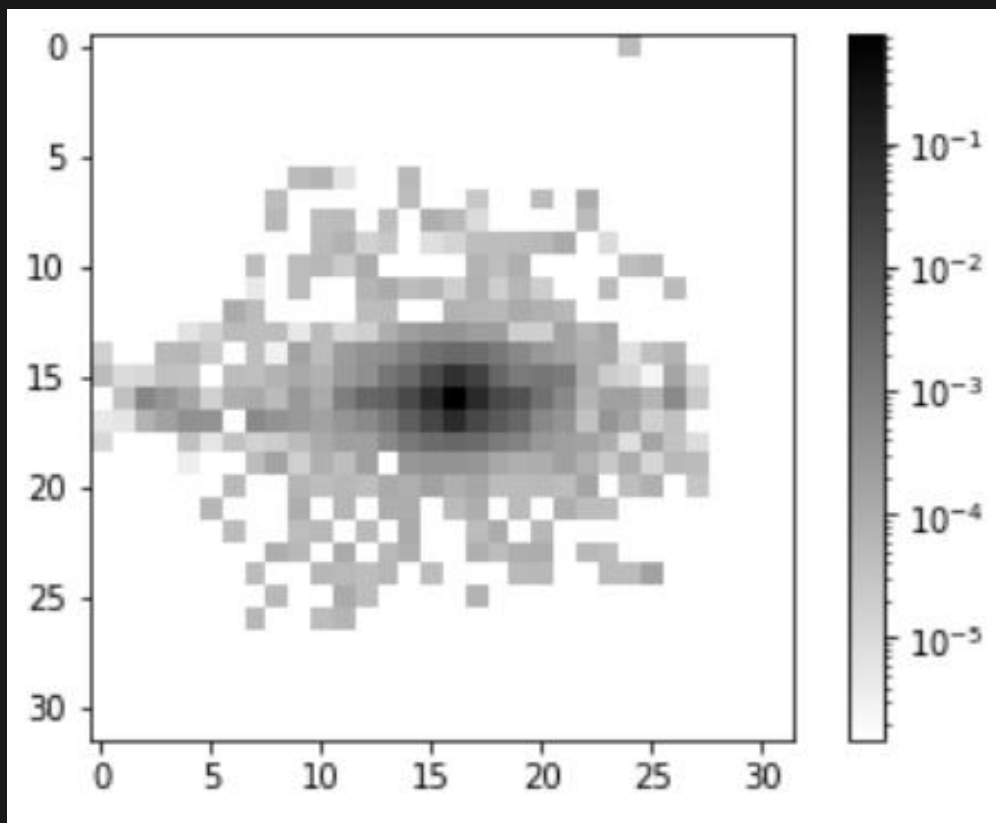
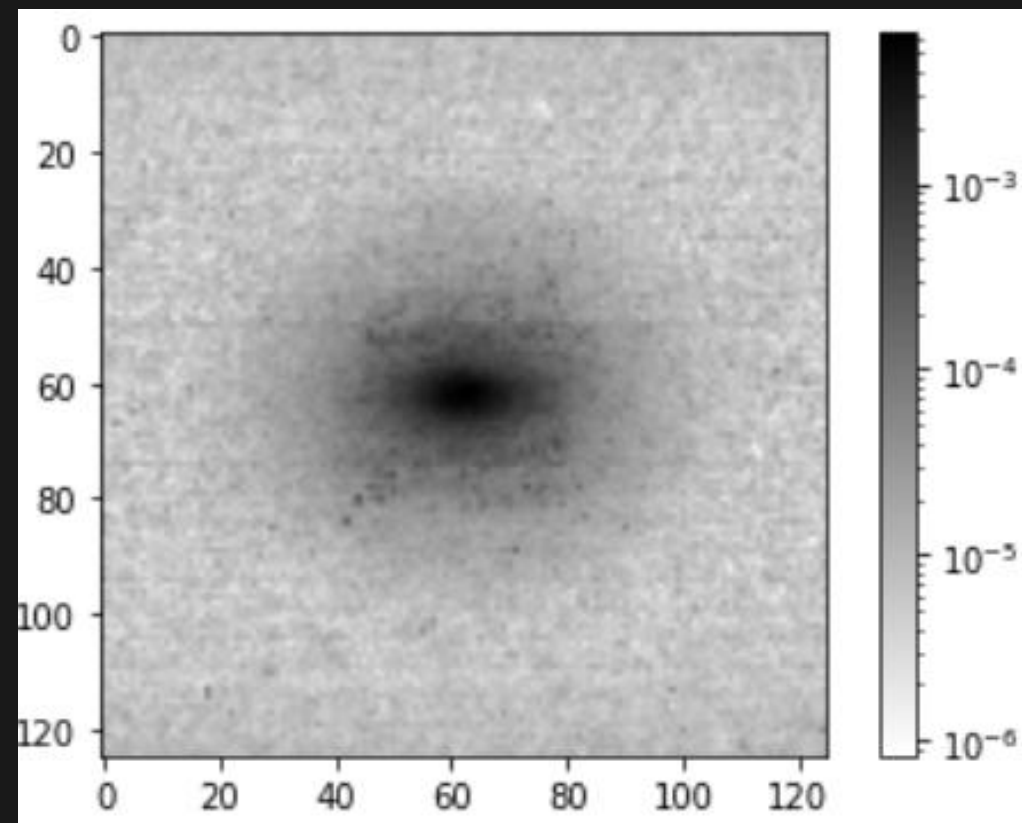


DETECTOR IMAGES FOR PARTICLE TAGGING AND JET SUBSTRUCTURE PHENOMENOLOGY

Photon

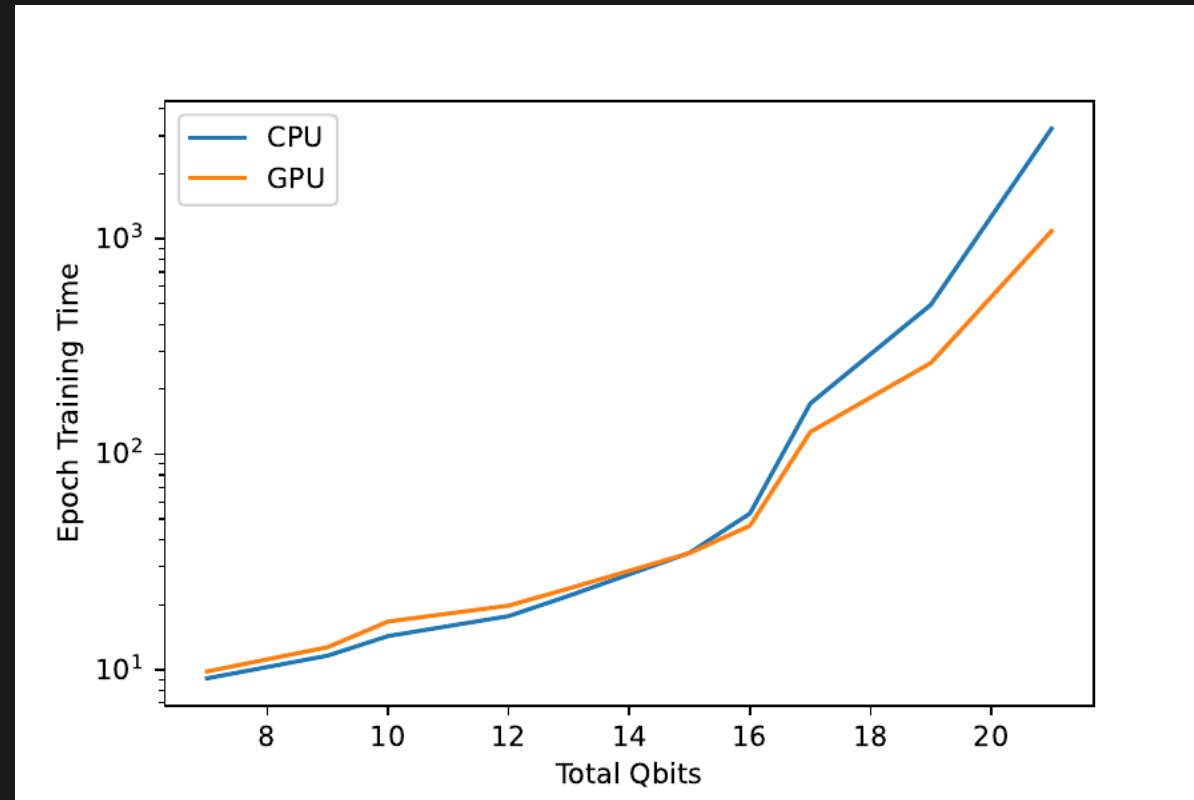


Quark jet



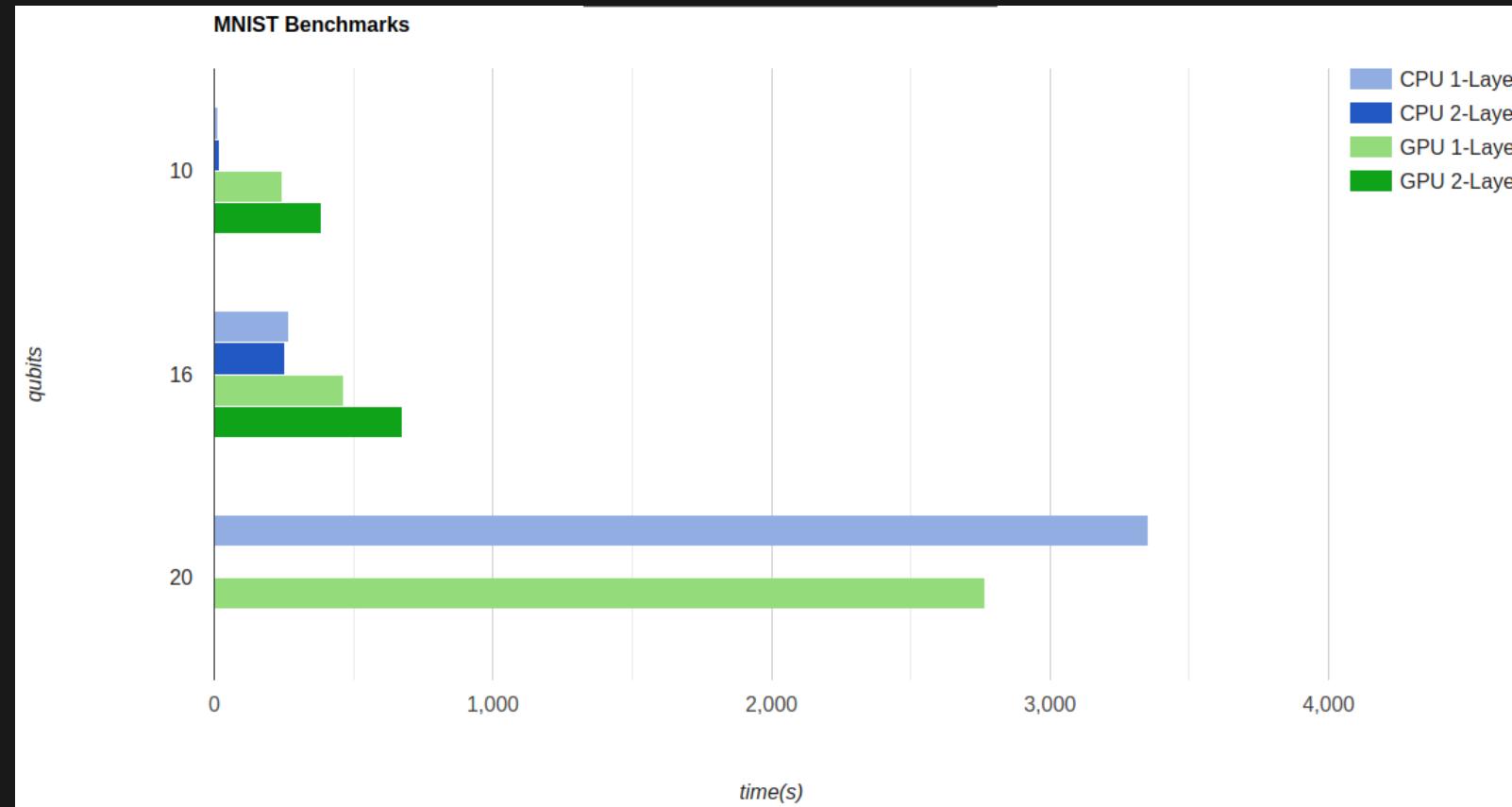
CUQUANTUM BENCHMARK ON QUANTUM AUTOENCODER

- Training with lightning.gpu in pennylane, one feature per qubit
- Samples: 800
- Batch size: 20



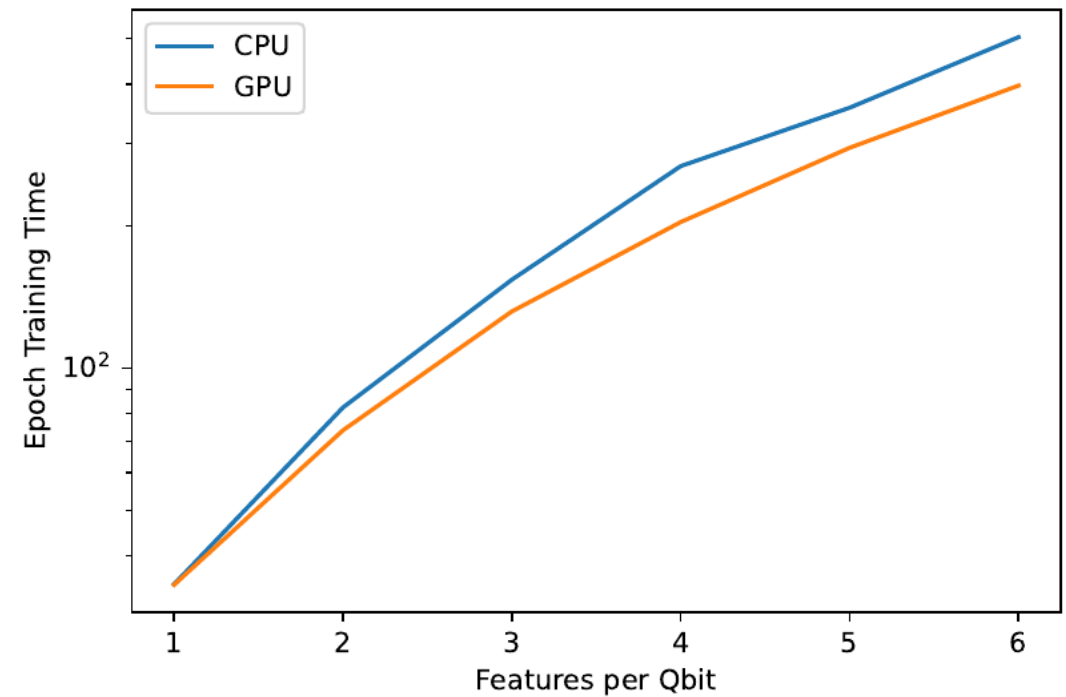
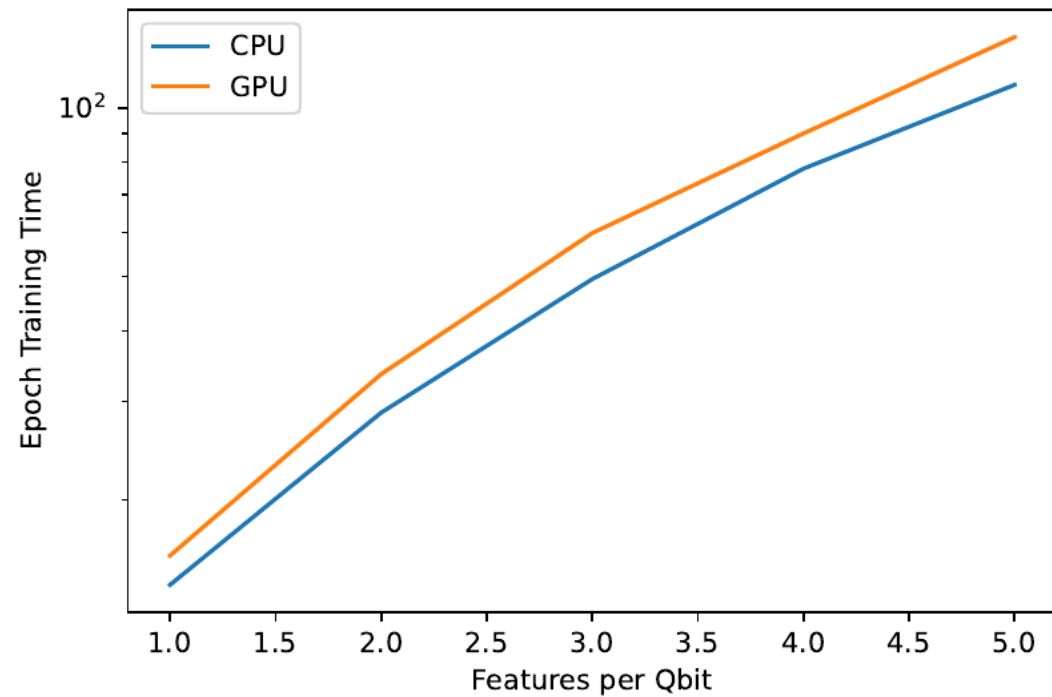
MNIST BENCHMARK

- Training on QSimCirq + CuQuantum
- Samples: 2000
- DRC circuit



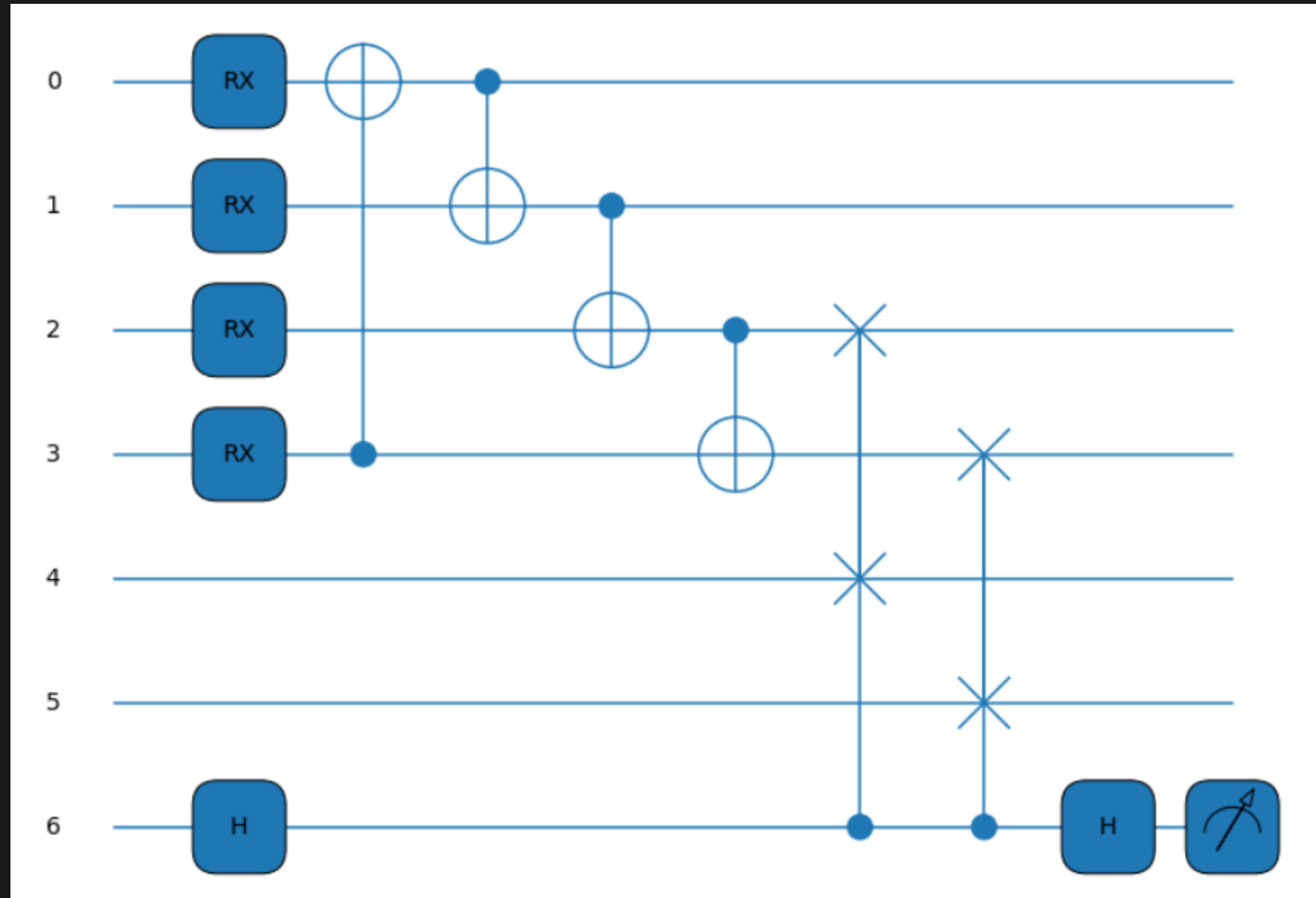
BACKUP

FEATURES PER QUBIT



QAE

- Latent space = Data // 2



DRC

