## Autoencoder results (generator 1) Loss Latent space 2.0 1.5 1.5 1.0 N 1.0 0.5 0.5 0.0 2 8 10 0.5 2.5 3.0 0 6 0.0 1.0 1.5 2.0 Epoch $z_0$ Reconstruction Reconstruction 10.0 10.0 Pure Voigt Pure Voigt 7.5 7.5 Intensity Intensity 5.0 5.0 2.5 2.5 0.0 0.0 0 100 200 300 400 500 0 100 200 300 400 500 Wavenumber Wavenumber Reconstruction Reconstruction 10.0 10.0 Pure Voigt Pure Voigt 7.5 7.5 Intensity Intensity 5.0 5.0 2.5 2.5 0.0 0.0 0 100 0 100 200 200 300 400 500 300 400 500

Wavenumber

Wavenumber