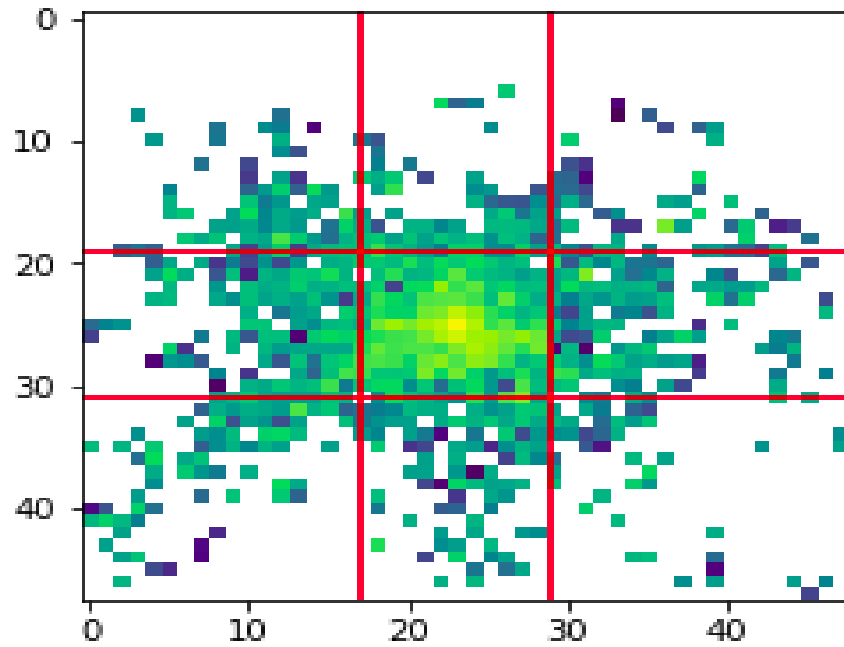
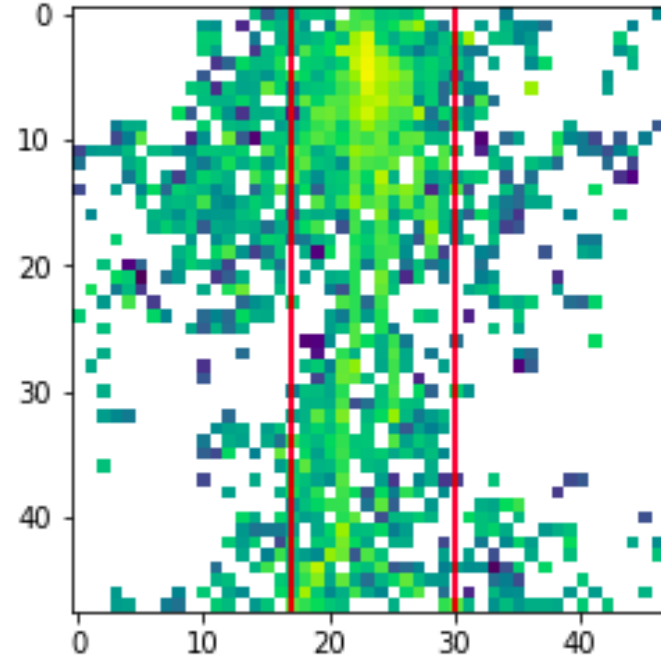


# WGAN update: core

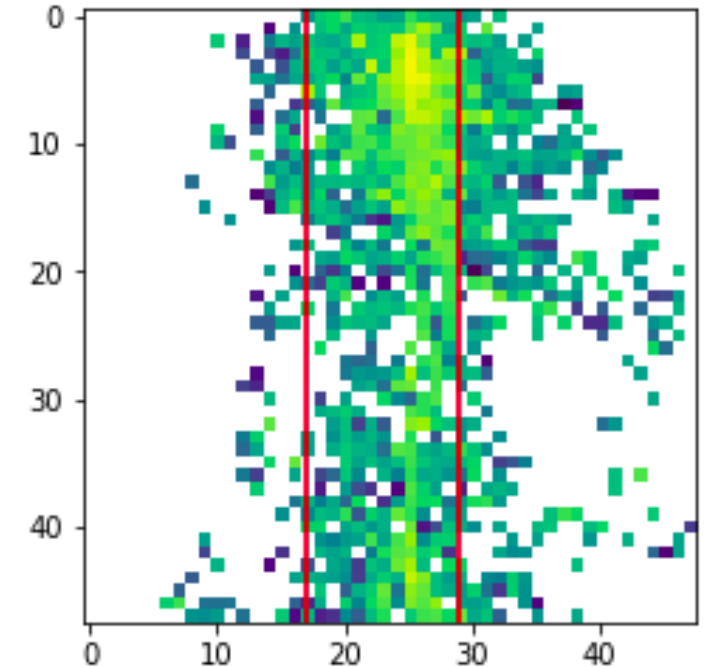
x-y



z-y



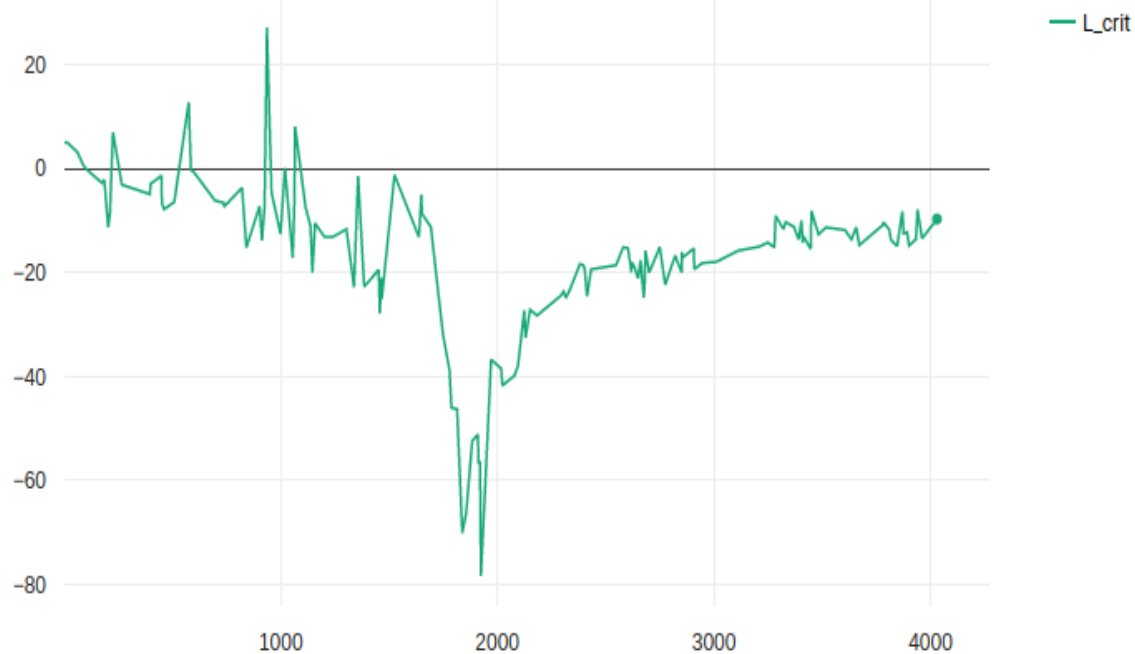
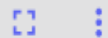
z-x



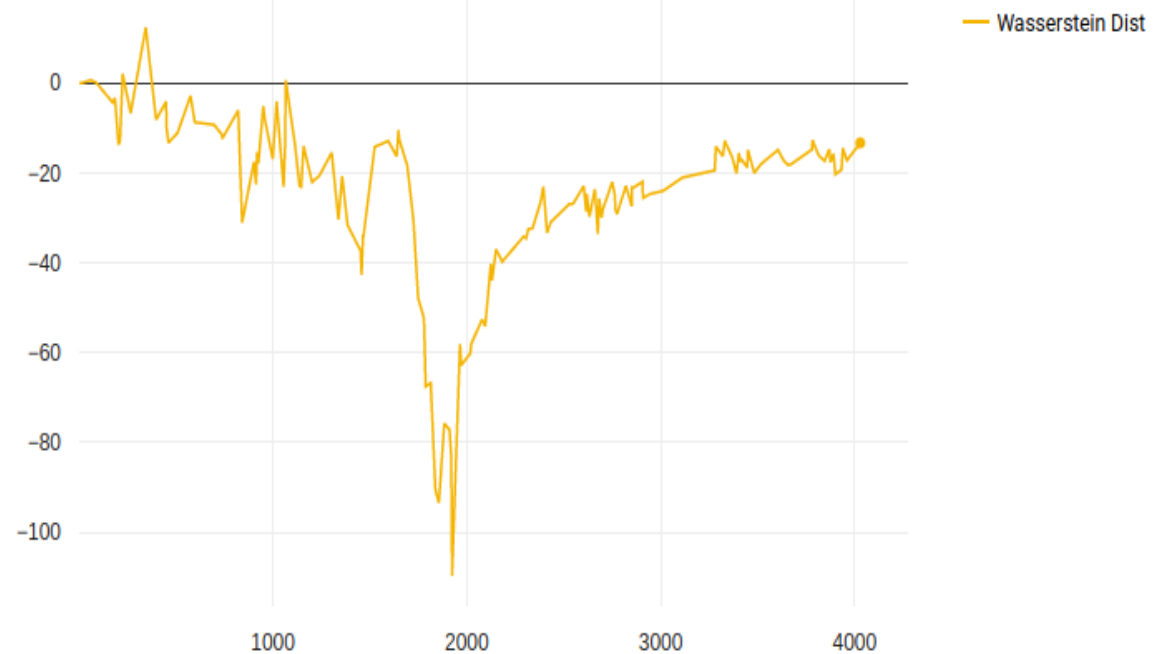
# WGAN update: core

- Training started yesterday on 3 P100s

L\_crit

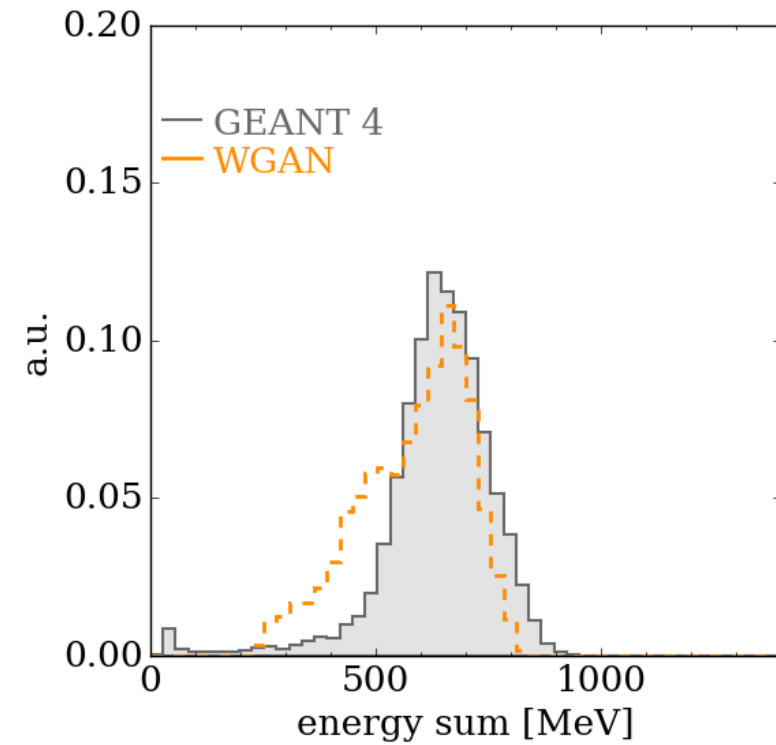
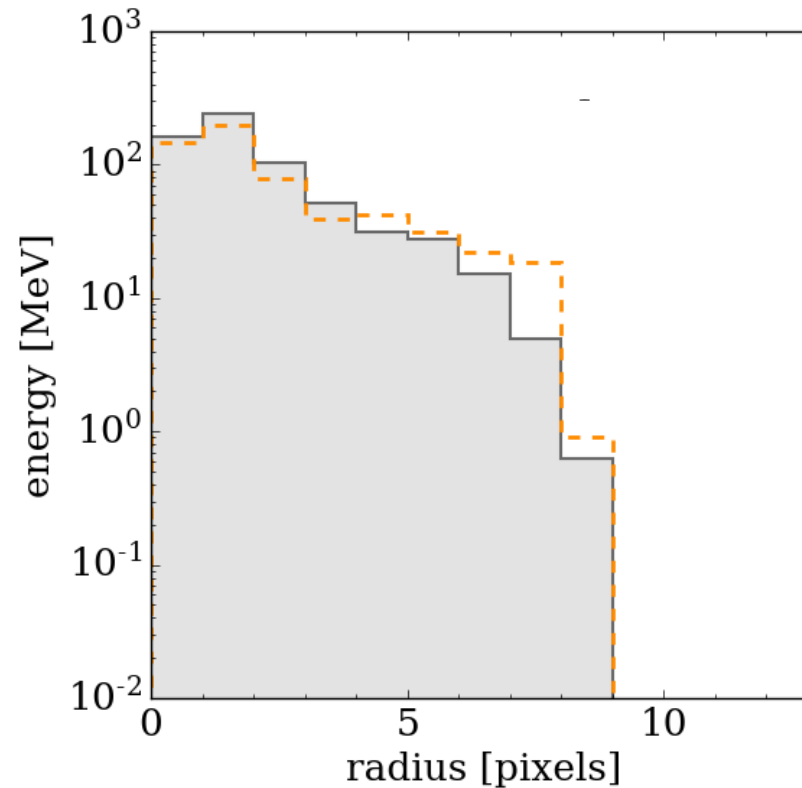
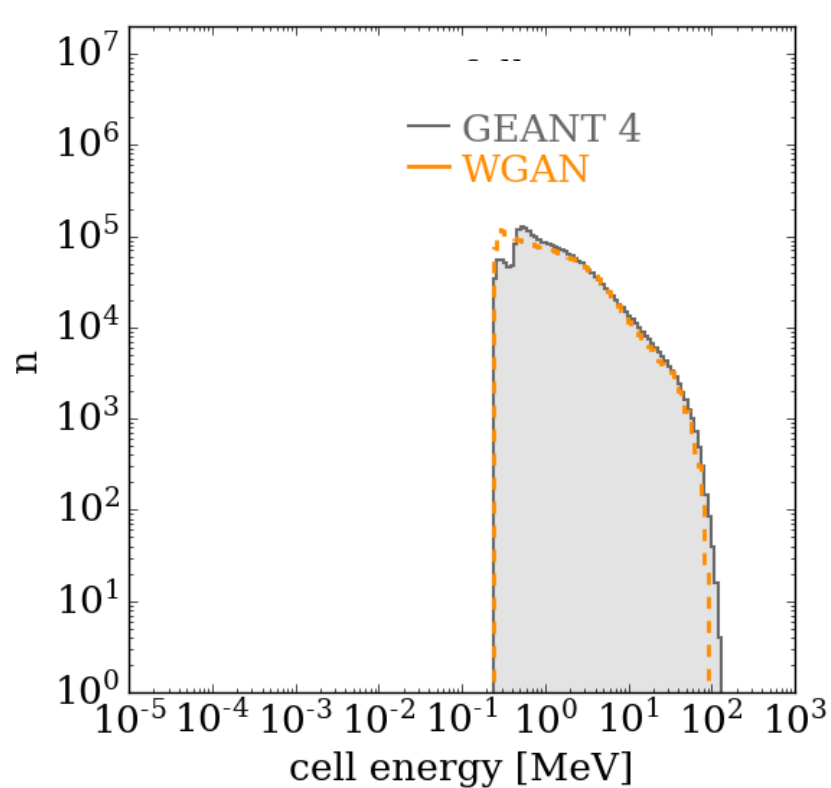


Wasserstein Dist



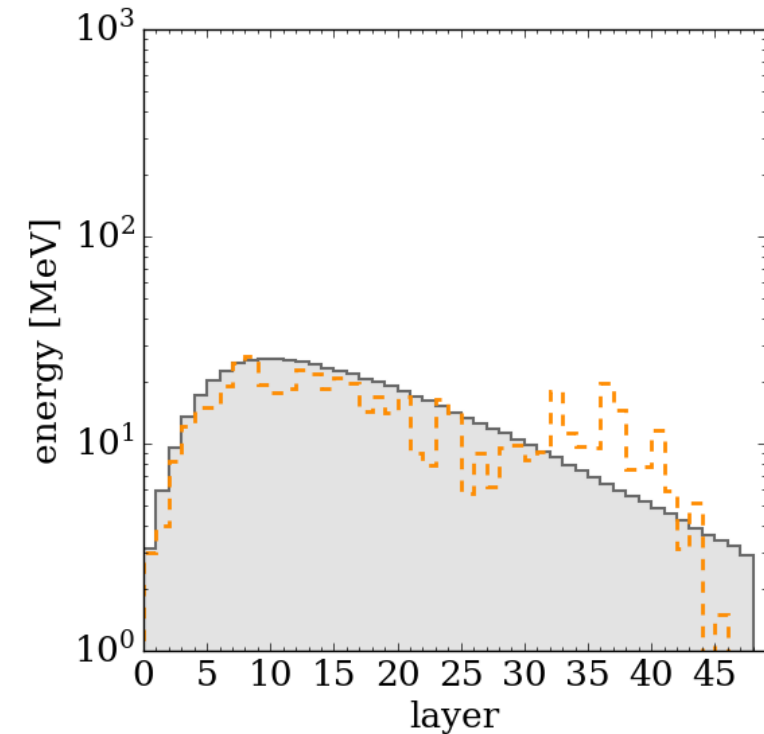
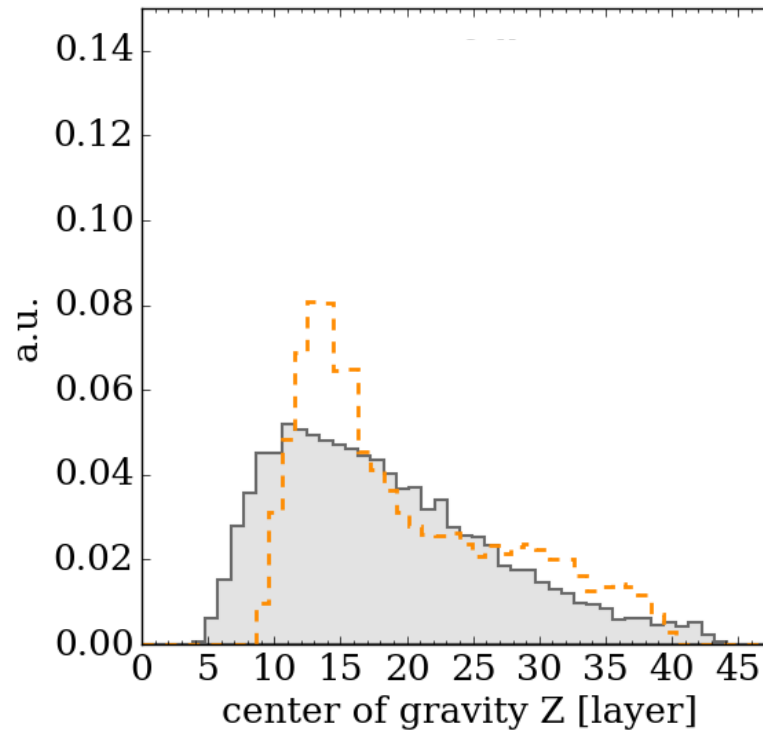
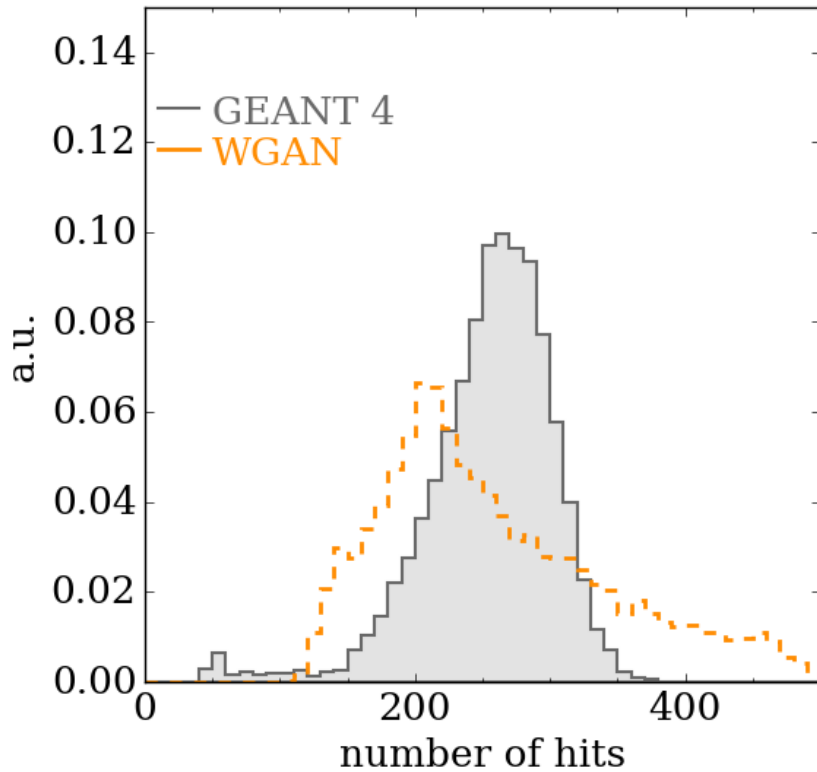
# WGAN update: core

- Trained on 40 GeV showers. Approx half a million
- Shower is 48x13x13
- Architecture is very similar to WGAN in our “getting high paper”



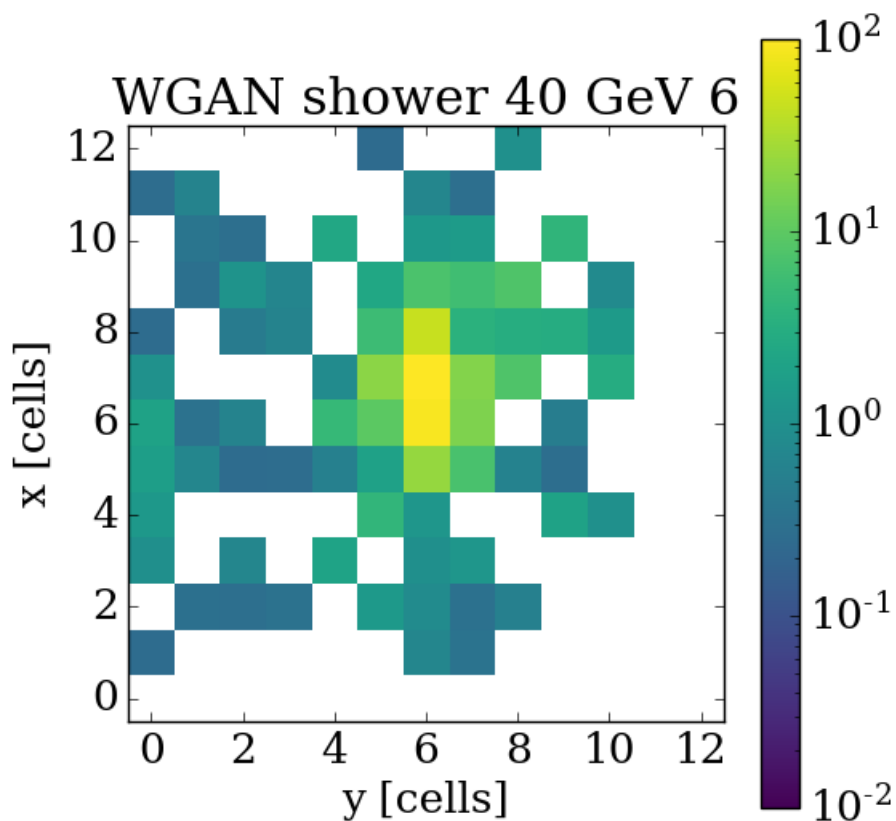
# WGAN update

- Trained on 40 GeV showers. Approx half a million
- Shower is 48x13x13
- Architecture is very similar to WGAN in our “getting high paper”

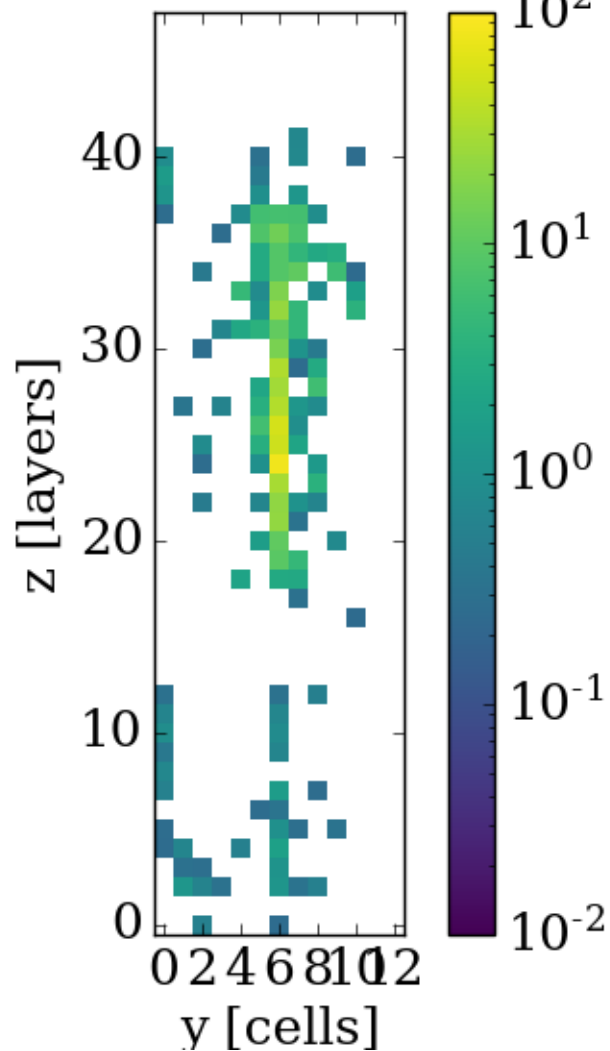


# WGAN update

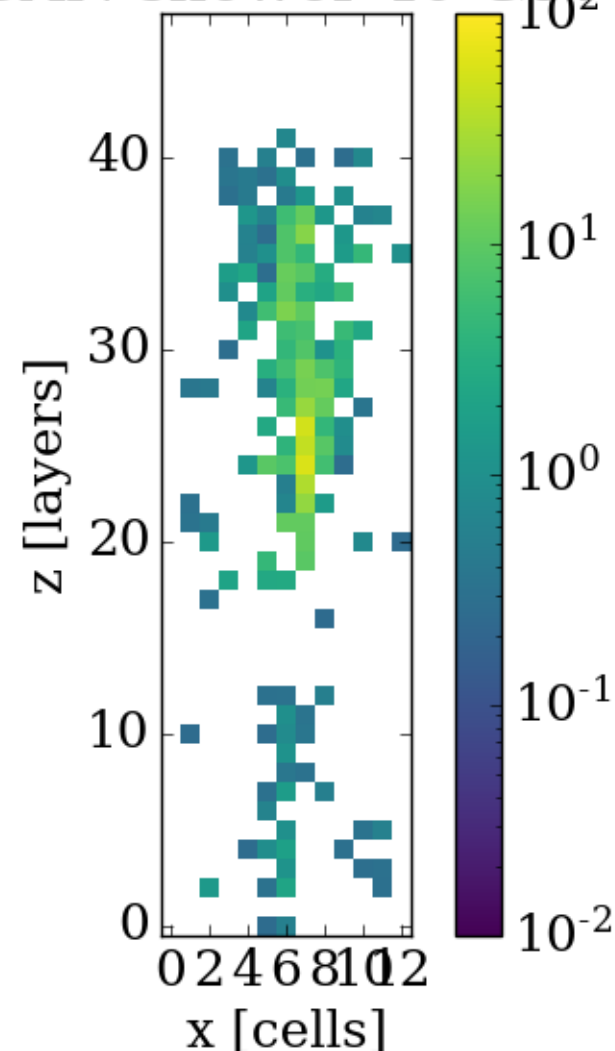
Some examples



WGAN shower 40 GeV 6



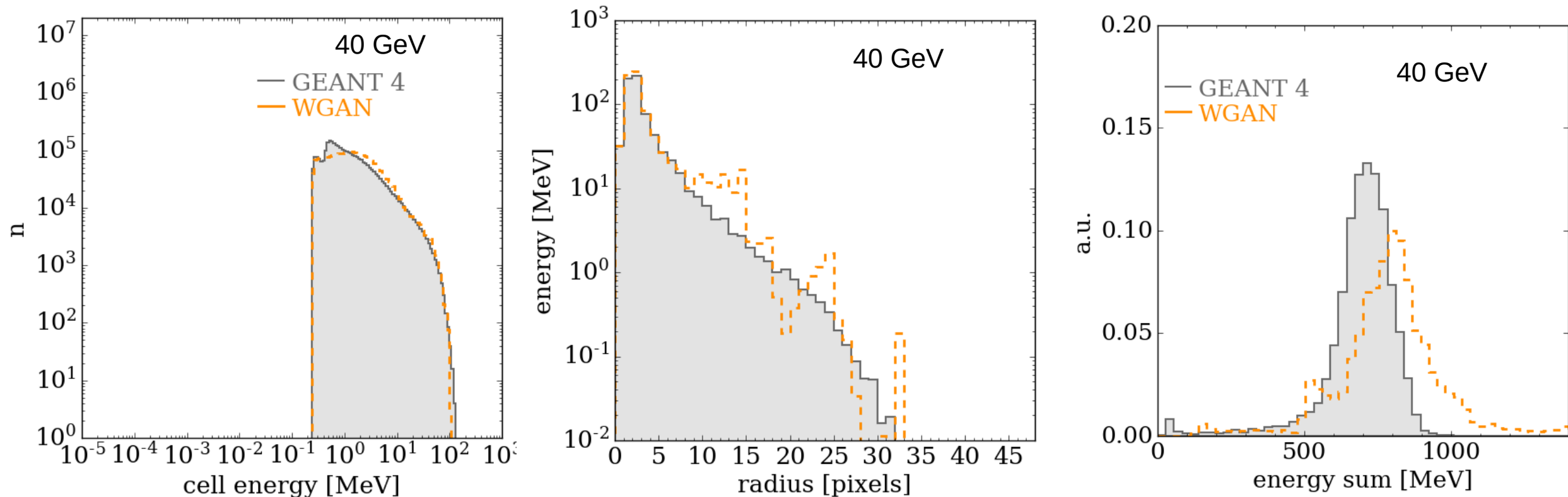
WGAN shower 40 GeV 6



# Thank you

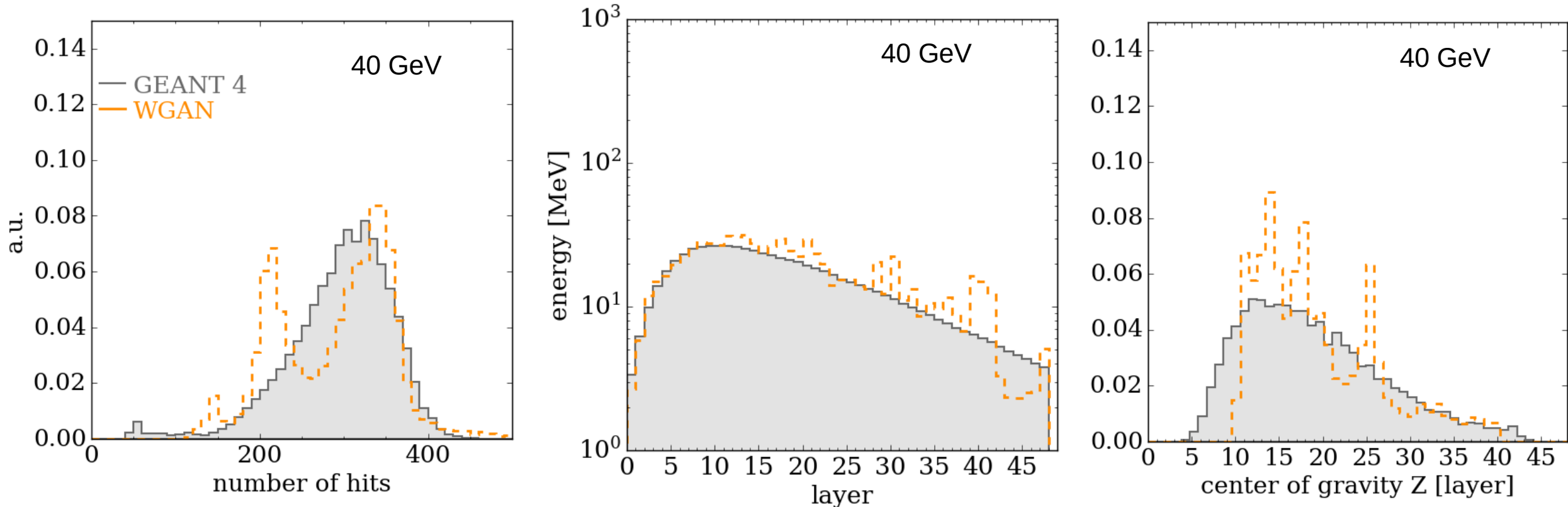
# WGAN update

- Trained on 40 GeV showers. Approx half a million
- Shower is 48x48x48
- Architecture is very similar to WGAN in our “getting high paper”



# WGAN update

- Trained on 40 GeV showers. Approx half a million
- Shower is 48x48x48
- Architecture is very similar to WGAN in our “getting high paper”





# WGAN update

Some examples

