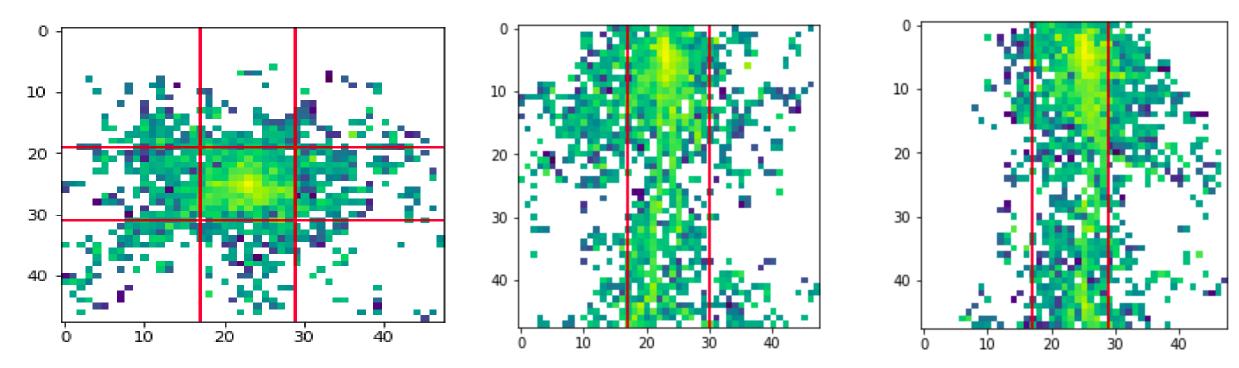
WGAN update: core

х-у

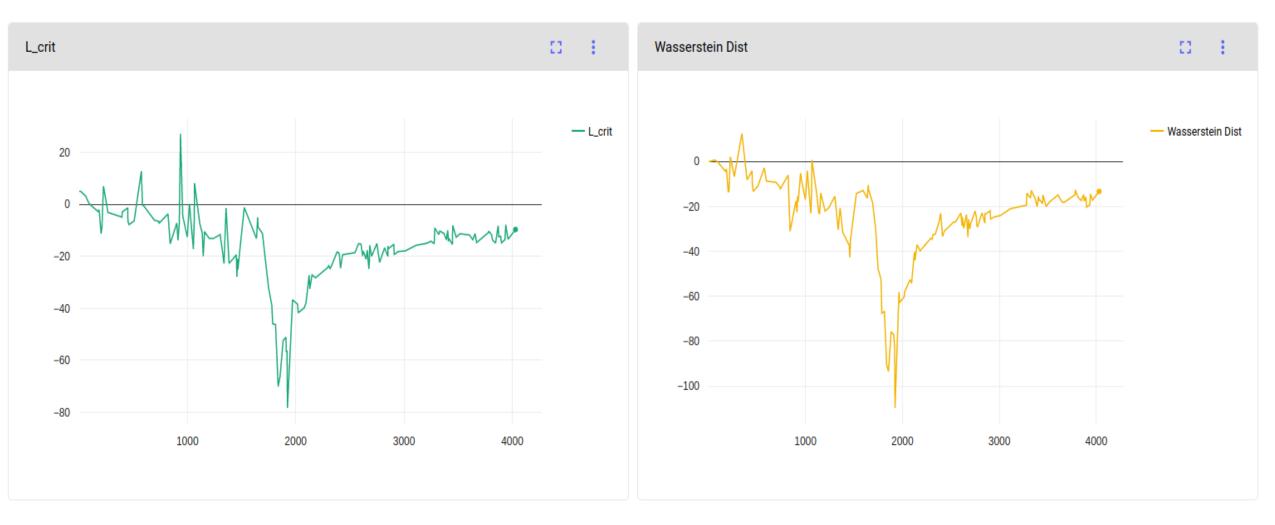


z-y

Z-X

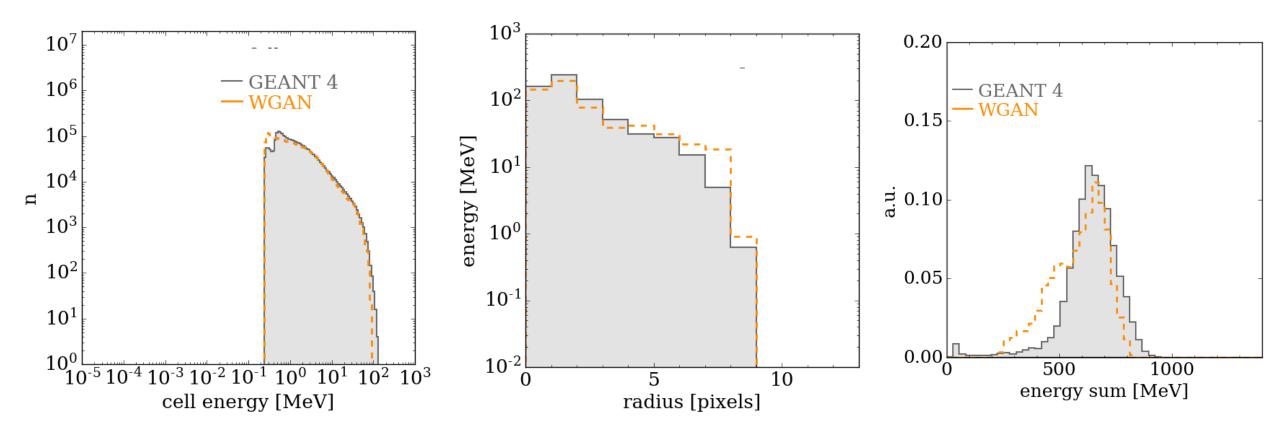
WGAN update: core

• Training started yesterday on 3 P100s

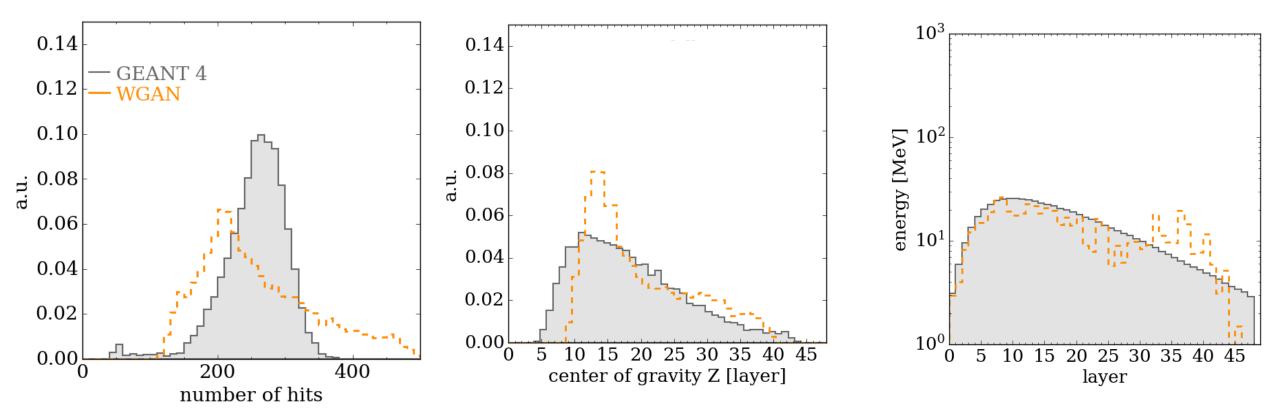


WGAN update: core

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



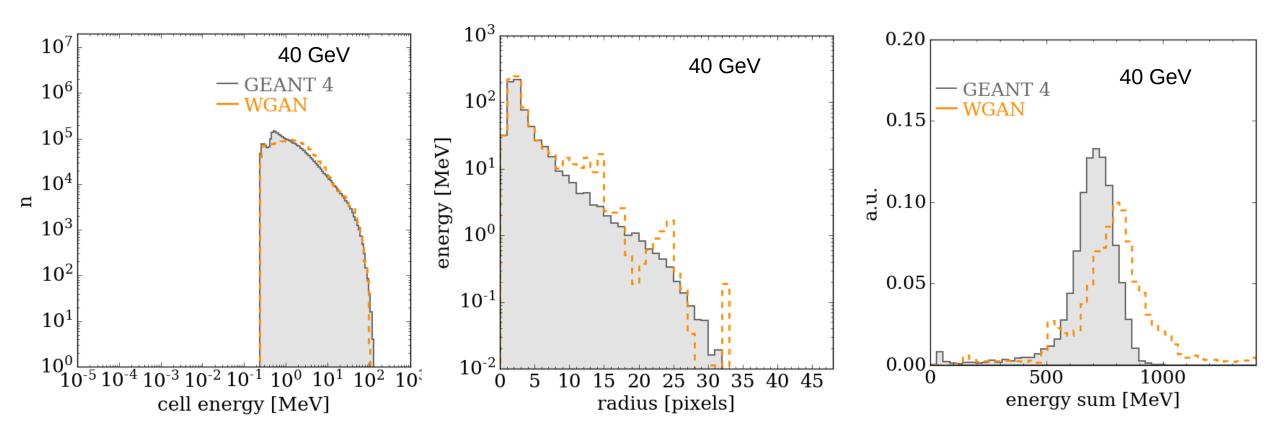
- Trained on 40 GeV showers. Approx half a million
- Shower is 48x13x13
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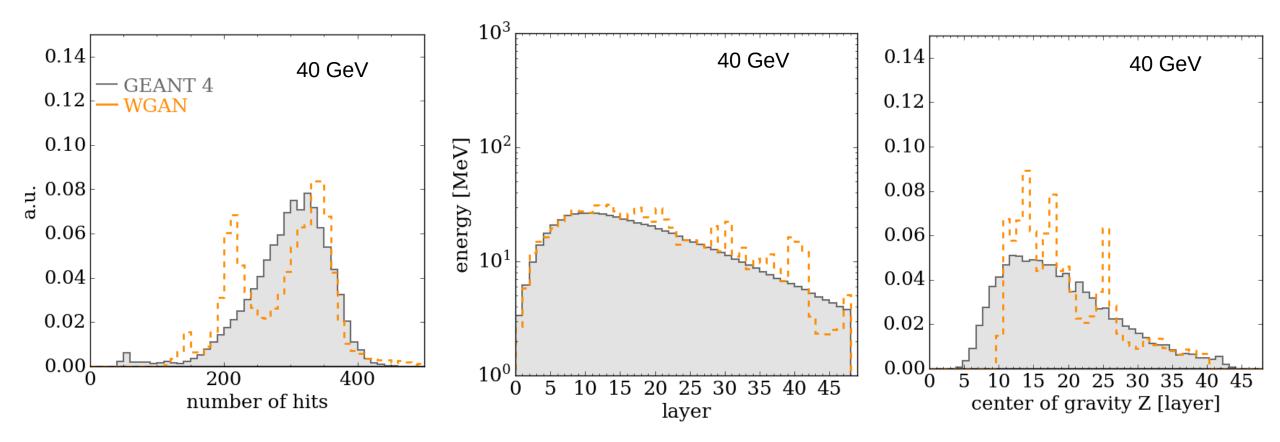
Some examples WGAN shower 40 GeV 6WGAN shower 40 GeV 640 10^{2} 40 WGAN shower 40 GeV 6 10^{1} 101 12 30 10^{1} 30 10 [layers] [layers] 8 10^{0} 10^{0} x [cells] 20 10^{0} 6 20 Ν Ν 4 10-1 10-1 10 2 10-1 10 0 12 10 8 0 2 6 4 10⁻² y [cells] 10⁻² 0 10-2 0 02468102 02468102 y [cells] x [cells]

Thank you

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



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



Some examples

