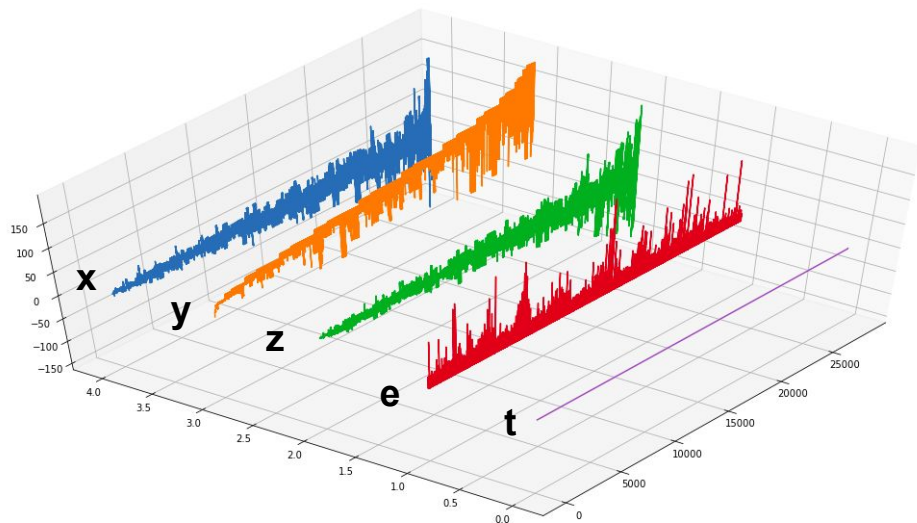# Shower Projections Update

Method

- Consider the shower as a sequence of (x, y, z) coordinates and the hit energy of the all mc interactions, sorted with respect to the hit time.
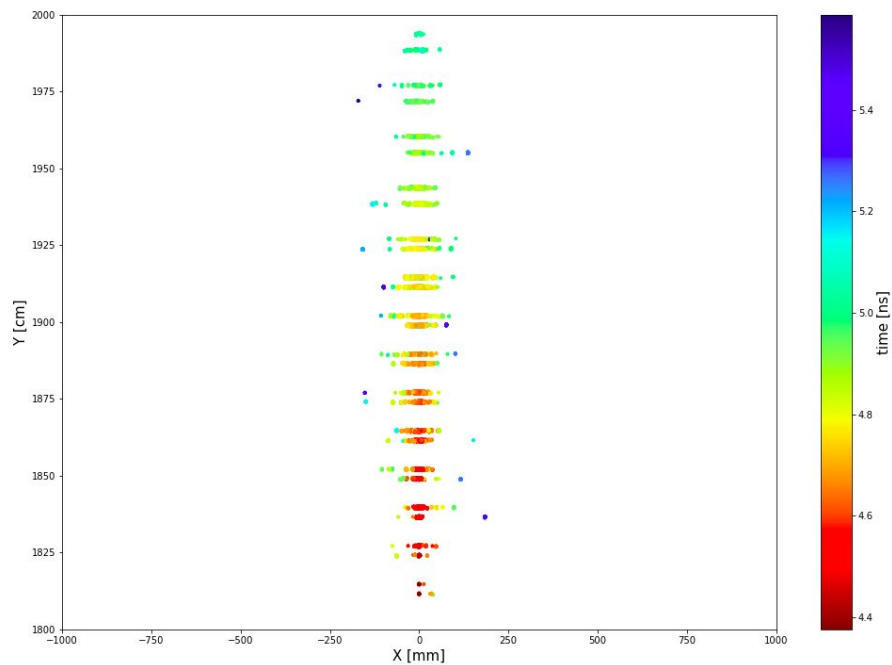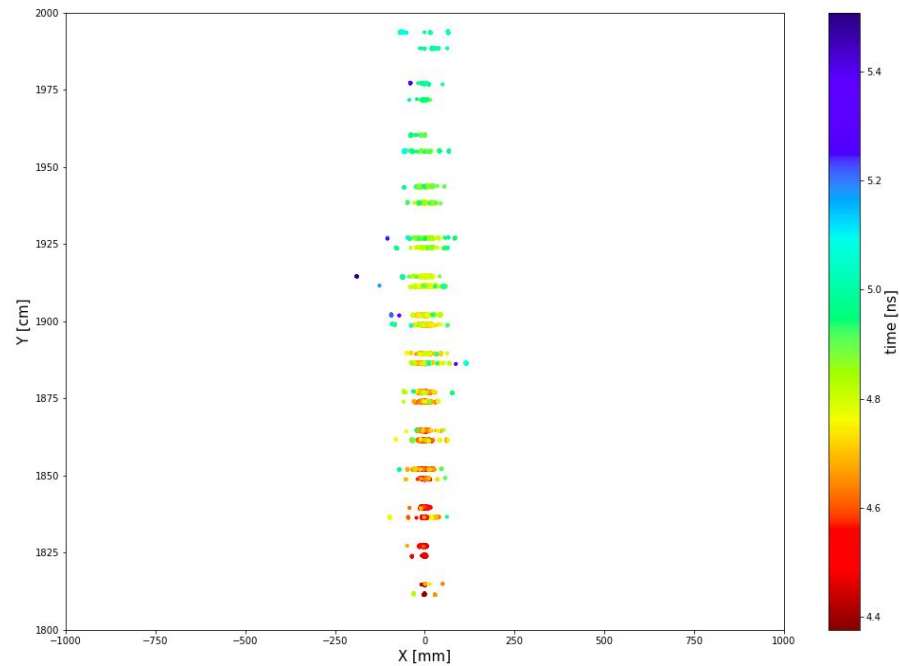- Train 1D convolutional GAN*

1D conv filter

*and hope that 1D conv will catch dependency between (x,y,z) and energy

Shower Examples

90 GeV

50 GeV