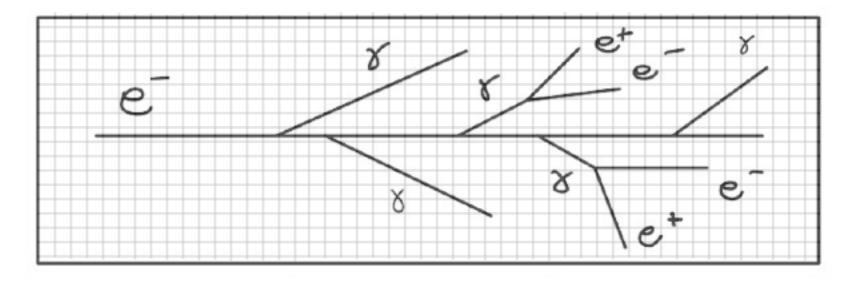
Pre-Training

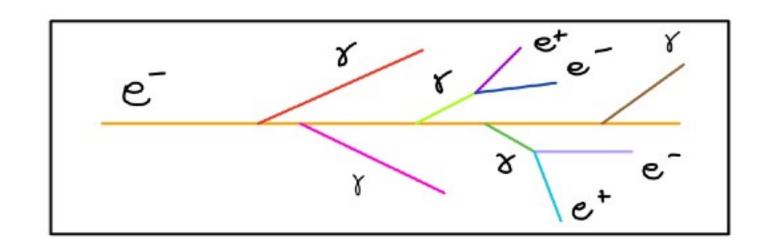
Machine Learning Inputs

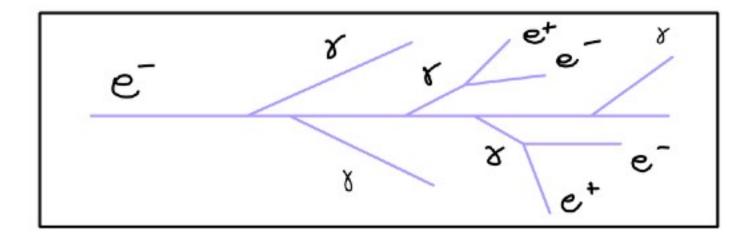
Voxel Energy - Global Event Features - Voxel ID Labels

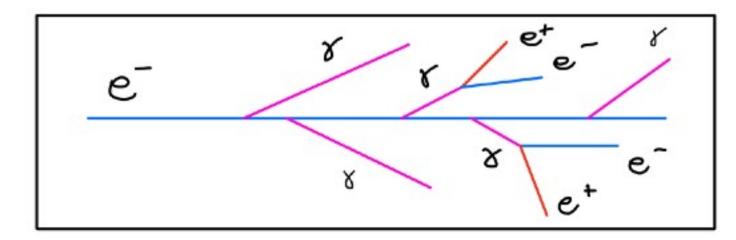
Toy Representation EM Shower



- hit_track_id:
 Groups hits from the same particle as it propagates.
- hit_primary_id:
 Groups all hits that
 descend from the same
 primary particle.
- hit_pdg: physics-based grouping, groups hits by PDG code.







Pre-Training

The Model

