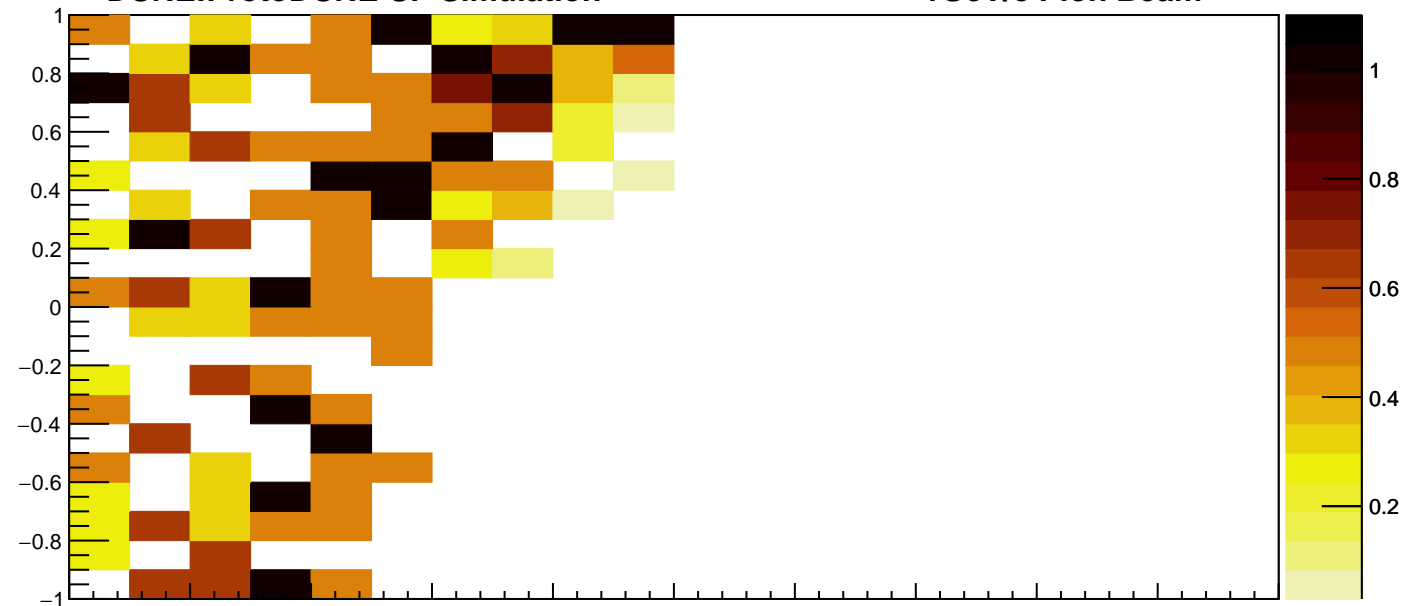


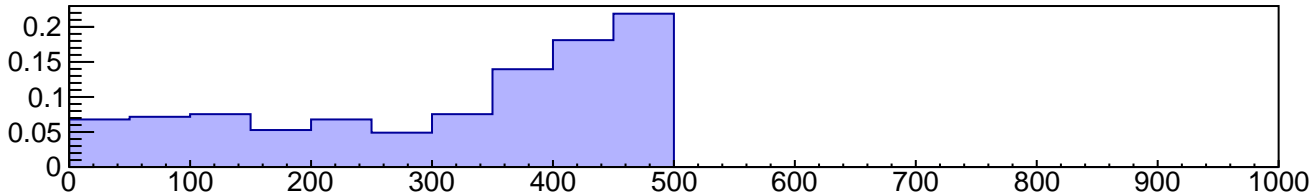
DUNE:ProtoDUNE-SP Simulation

1GeV/c Pion Beam

Outgoing Pion  $\cos \theta$



Event fraction



Outgoing Pion KE (MeV)