

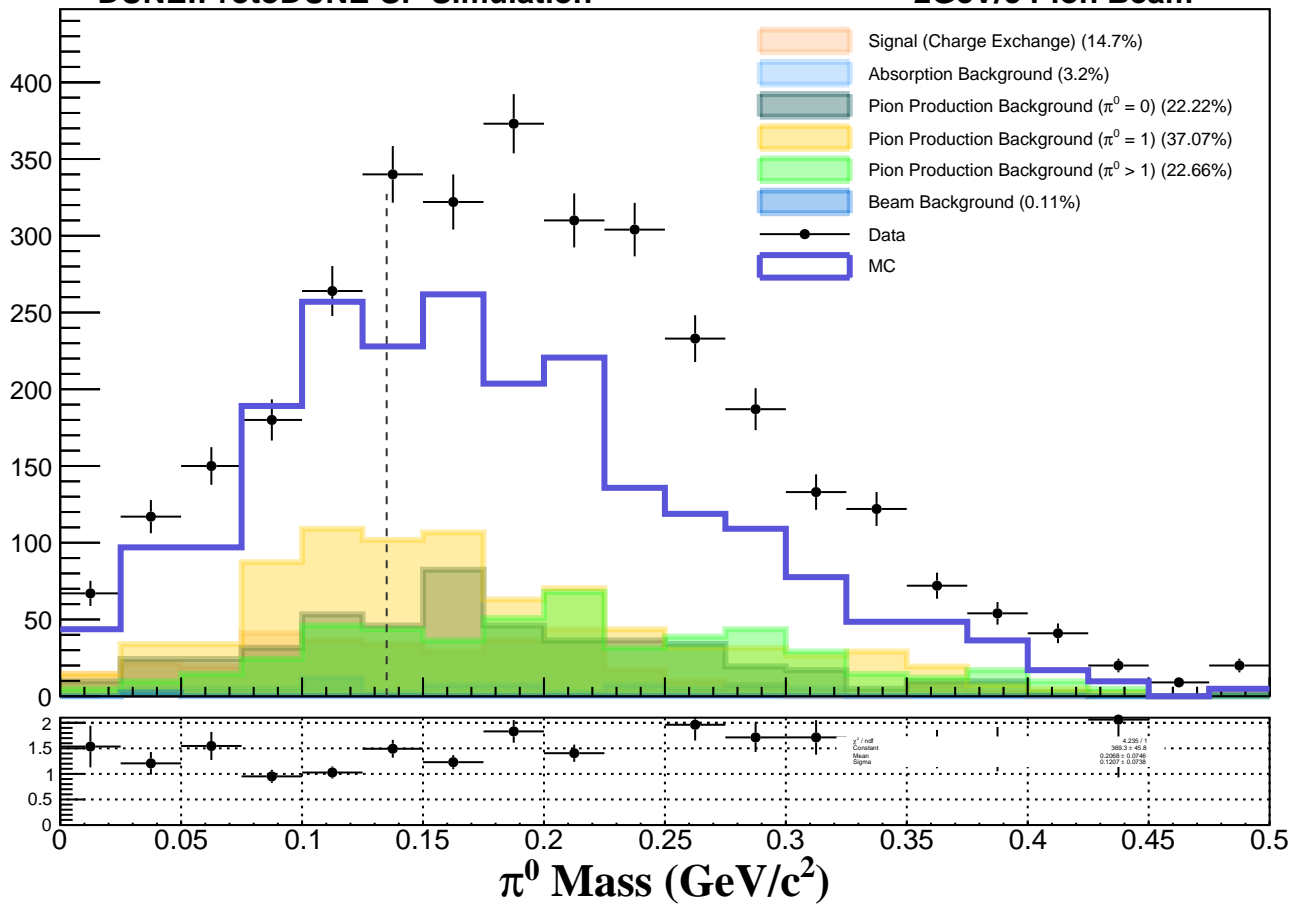
DUNE:ProtoDUNE-SP Simulation

2GeV/c Pion Beam

Candidates

Data/MC

- Signal (Charge Exchange) (14.7%)
- Absorption Background (3.2%)
- Pion Production Background ($\pi^0 = 0$) (22.22%)
- Pion Production Background ($\pi^0 = 1$) (37.07%)
- Pion Production Background ($\pi^0 > 1$) (22.66%)
- Beam Background (0.11%)
- Data
- MC



π^0 Mass (GeV/c^2)