

DUNE:ProtoDUNE-SP Simulation

2GeV/c Pion Beam

Candidates

Data/MC

- Signal (Charge Exchange) (15.4%)
- Absorption Background (1.0%)
- Pion Production Background ($\pi^0 = 0$) (16.32%)
- Pion Production Background ($\pi^0 = 1$) (32.77%)
- Pion Production Background ($\pi^0 > 1$) (34.41%)
- Beam Background (0.06%)
- Data
- MC

