

DUNE:ProtoDUNE-SP Simulation

2GeV/c Pion Beam

Candidates

Data/MC

- Signal (Charge Exchange) (14.6%)
- Absorption Background (3.2%)
- Pion Production Background ($\pi^0 = 0$) (22.49%)
- Pion Production Background ($\pi^0 = 1$) (37.16%)
- Pion Production Background ($\pi^0 > 1$) (22.49%)
- Beam Background (0.11%)
- Data
- MC

