

DUNE:ProtoDUNE-SP Simulation

1GeV/c Pion Beam

Candidates

Data/MC

- Signal (Charge Exchange) (13.9%)
- Absorption Background (29.3%)
- Pion Production Background ($\pi^0 = 0$) (45.23%)
- Pion Production Background ($\pi^0 = 1$) (5.90%)
- Pion Production Background ($\pi^0 > 1$) (1.85%)
- Beam Background (3.78%)
- Data
- MC

