

DUNE:ProtoDUNE-SP Simulation

2GeV/c Pion Beam

Candidates

Data/MC

- Signal (Charge Exchange) (9.0%)
- Absorption Background (7.6%)
- Pion Production Background ($\pi^0 = 0$) (55.35%)
- Pion Production Background ($\pi^0 = 1$) (18.04%)
- Pion Production Background ($\pi^0 > 1$) (5.51%)
- Beam Background (4.48%)
- Data
- MC

