

DUNE:ProtoDUNE-SP Simulation

2GeV/c Pion Beam

Candidates

Data/MC

- Signal (Charge Exchange) (21.9%)
- Absorption Background (1.5%)
- Pion Production Background ($\pi^0 = 0$) (17.87%)
- Pion Production Background ($\pi^0 = 1$) (20.62%)
- Pion Production Background ($\pi^0 > 1$) (38.13%)
- Beam Background (0.00%)
- Data
- MC

