

DUNE:ProtoDUNE-SP Simulation

True Beam  $T_{\pi^+} = 650 - 800$  MeV

$\sigma_{\text{CEX}}$  (mb)

3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0

Truth  $\pi^+$  IntE (MeV)

0

200

400

600

800

1000

1200

1400

1600

1800

2000

3.5

3

2.5

2

1.5

1

0.5

0

3.5

3

2.5

2

1.5

1

0.5

0