

**DUNE:ProtoDUNE-SP Simulation**

**1GeV/c Pion Beam**

**$d\sigma/dT_{\pi^0}$  (mb/MeV)**

1  
0.8  
0.6  
0.4  
0.2  
0

0

100

200

300

400

500

600

700

800

900

1000

**$\pi^0$  KE (MeV)**

