

13000 GeV pp

Z (Drell-Yan)

<pT> (ATLAS UE in Z production)

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]

10

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6}

■ ATLAS

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 p_T [GeV]

1

2

3