

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

■ ATLAS

 $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$

10

1

 10^{-1} 10^{-2}

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $N_{ch}/d\eta d\phi$

0

2

4