

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

■ ATLAS
—▲ Pythia 8.170 default

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

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

3

2.5

2

1.5

1

0.5

0

0

2

4