

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

■ ATLAS
—▲ Pythia 8.212 default

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

3.5
3
2.5
2
1.5
1
0.5
0

Rivet 3.1.10, 400k events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.5

2
1
0.5

0

2

4

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