

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- △ Pythia 6.424 ambt1
- Pythia 6.424 z1

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

 $N_{ch}/d\eta d\phi$ $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$ 1
0.8
0.6
0.4
0.2
0

2

1

0.5

1

2

3