

13000 GeV pp

Z+Jet

 $\langle pT \rangle$ (ATLAS UE in Z production)

10

1

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.201 default

(ATLAS_2019_I1736531)

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1

2

3

