

13000 GeV pp

Z+Jet

Jet multiplicity (ATLAS Z+jets)

Rivet 4.1.0,  $\geq 1.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2022\_I2077570)

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.315 default

Ratio to ATLAS

1

2

3

4

2

1

0.5

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

2

1

0.5