

13000 GeV pp

Z+Jet

 $Z \rightarrow \#e\ell^+ \#e\ell^-, \text{ dressed level}$ $\sigma(Z + \geq N_{\text{jets}} + 1) / \sigma(Z + \geq N_{\text{jets}})$

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◇ Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1514251)

Ratio to ATLAS

2

1

0.5

 N_{jets} 