

13000 GeV pp

Z+Jet

 $Z \rightarrow \#e\ell^+ \#e\ell^-$, dressed level

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.315 default

 $\sigma(Z + \geq N_{\text{jets}} + 1) / \sigma(Z + \geq N_{\text{jets}})$ 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} 