

13000 GeV pp

Z+Jet

$$p_{\{T,j1\}} > 500 \text{ GeV} + \Delta R_{Z,j}^{\min} > 2.0$$

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

 $d\sigma/dN_{\text{jets}}$ [pb] 10^{-1} 10^{-2} 10^{-3} Rivet 4.1.0, $\geq 2.8\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077570)

Ratio to ATLAS

2

2

1

1

0.5

0.5

1

2

3

 N_{jets} 