

13000 GeV pp

Z+Jet

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

- ATLAS
- Pythia 8.313 ropes

 $d\sigma/dN_{\text{jets}}$ [pb] 10^{-1} 10^{-2} 10^{-3}

Rivet 4.1.0, 1M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077570)

Ratio to ATLAS

2

1

0.5

2

1

0.5

1

2

3

 N_{jets} 