

13000 GeV pp

Z+Jet

$$p_{\{T,j1\}} > 500 \text{ GeV} + \Delta R_{Z,j}^{\min} < 1.4$$

 $d\sigma/dr_{Z,j} [\text{pb}]$ Rivet 4.1.0, $\geq 2.2\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default

(ATLAS_2022_I2077570)

Ratio to ATLAS

2

1

0.5

 $r_{Z,j}$

0 0.5 1 1.5