

13000 GeV pp

Z+Jet

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

 $d\sigma/dr_{Z,j} [\text{pb}]$ 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5}

■

ATLAS

—▲—

Pythia 8.186 default

(ATLAS_2022_I2077570)

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0.5

1

1.5

 $r_{Z,j}$