

8000 GeV pp

Z+Jet

$$400 \text{ GeV} < p_T^{\text{jet}} < 1050 \text{ GeV}$$

 $\frac{d^2\sigma}{dp_T d|y|}$

- ATLAS
- Herwig 7.2.1 default
- ...♦ Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1744201)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y_{\text{jet}}|$

0

1

2