

8000 GeV pp

Z+Jet

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

$$d^2\sigma/dp_T d|y|$$

■ ATLAS

— Pythia 8.307 eetherm

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1744201)

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

1

2

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