

8000 GeV pp

Z+Jet

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

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

■ ATLAS

— Pythia 8.308 qcdcr0qq1

 $10^{-1}$  $10^{-2}$ 

(ATLAS\_2019\_I1744201)

Rivet 4.1.0, 700k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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

0

1

2