

13000 GeV pp

Z+Jet

 $Z \rightarrow \#e\ell^+ \#e\ell^-$, dressed level

- ATLAS
- △— Pythia 6.428 370
- ▲— Pythia 8.135 default

 $d\sigma/dy^{\text{jet}}$ [pb]

120

100

80

60

40

20

0

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1514251)

Ratio to ATLAS

0.5

0

2

1

0.5

 y^{jet} (leading jet)