

13000 GeV pp

Z+Jet

 $Z \rightarrow \#e\ell^+ \#e\ell^-$, dressed level $\sigma(Z + \geq N_{\text{jets}} + 1) / \sigma(Z + \geq N_{\text{jets}})$

- ATLAS
- △— Pythia 6.428 370
- ▲— Pythia 8.315 default
- ◇···· Sherpa 1.4.5 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1514251)

Ratio to ATLAS

2

1

0.5

 N_{jets} 