

13000 GeV pp

Z+Jet

Jet multiplicity (ATLAS Z+b)

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default
- ...◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 2.1M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2020\_I1788444

Ratio to ATLAS

2

1

0.5

 $N_{\text{bjets}}$ 