

13000 GeV pp

Z+Jet

 $pT(Z) \rightarrow pT(\text{jet})$ ratio (ATLAS Z+jets)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2022_I2077570

Ratio to ATLAS

2

1

0.5

 $r_{Z,j}$ 