

13000 GeV pp

Z+Jet

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 1.4.5 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2022\_I2077570

Ratio to ATLAS

2

1

0.5

 $r_{Z,j}$ 