

13000 GeV pp

Z+Jet

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0Rivet 3.1.10, ≥ 2.6 M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019 L1736531

Ratio to ATLAS

2
1
0.52
1
0.50 2 4 p_T [GeV]