

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.308 default

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$

2.5

2.0

1.5

1.0

0.5

0.0

ATLAS_2019_I1736531

Ratio to ATLAS

2.0

1.5

1.0

0.5

0.0

-0.5

-1.0

-1.5

-2.0

-2.5

-3.0

-3.5

-4.0

1

2

3

 $p_T [\text{GeV}]$

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

