

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

Rivet 3.1.10, ≥ 2.5M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_1736531

Ratio to ATLAS

0.5

1

2

1

2

3

 $p_T [\text{GeV}]$

0.5

1

2