

13000 GeV pp

Z+Jet

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ $\langle p_T \rangle$ (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.5.0 default
- Herwig 7.2.1 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019 I1736531

Ratio to ATLAS

0.5

1

2

3

4

5

 $p_T [\text{GeV}]$

0.5

1

2

