

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

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

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 vincia-default

3

2.5

2

1.5

1

0.5

0

Ratio to ATLAS

2

1

0.5

1

2

 $p_T [\text{GeV}]$

Rivet 3.1.10, ≥ 2.9M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

3

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