

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

■ ATLAS

- - ▲ Pythia 8.201 default-CD

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

3

2.5

2

1.5

1

0.5

0

Ratio to ATLAS

2

1

0.5

1

2

3

 $p_T [\text{GeV}]$

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, 400k events

ATLAS_2019_11736531

