

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

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

- ATLAS
- - * Pythia 6.425 355
- - □ Pythia 6.425 356
- - △ Pythia 6.425 ambt1
- - ● Pythia 6.425 z2

Rivet 3.1.10, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_11736531

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $p_T [\text{GeV}]$

1

2

3

