

13000 GeV pp

Z+Jet

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- - ■ Pythia 6.426 default
- - * Pythia 6.426 pro-q2o

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

3

2.5

2

1.5

1

0.5

0

ATLAS_2019_I1736531

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

 p_T [GeV]