

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

■ ATLAS

- - ▲ Pythia 8.201 default-CD

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$

3

2.5

2

1.5

1

0.5

0

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_11736531

Ratio to ATLAS

2

1

0.5

2

1

0.5

Mean $p_T/d\eta d\phi$

3

1

2