

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.170 default

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

0.6

0.5

0.4

0.3

0.2

0.1

0

0.5

0.4

Ratio to ATLAS

2

1

0.5

1

2

3

Mean $p_T/d\eta d\phi$ Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

