

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.201 default
- ▲ Pythia 8.201 default-noCR

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

5

4

3

2

1

0

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

2

1

0.5

Mean $p_T/d\eta d\phi$

1

2

3