

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

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

■ ATLAS
▲ Pythia 8.176 default
▲ Pythia 8.176 default-noCR

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019 J1736531

Ratio to ATLAS

2

1

0.5

 $p_T [\text{GeV}]$ 