

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

■ ATLAS

 $1/N_{\text{ev}} \frac{dN_{\text{ev}}}{d\text{sum } p_T d\eta d\phi} [\text{GeV}]^{-1}$ 

1

 $10^{-1}$  $10^{-2}$ 

(ATLAS\_2019\_I1736531)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

sum  $p_T/d\eta d\phi$  [GeV]