

13000 GeV pp

Z+Jet

Transverse region,  $200 < p_T^Z < 500$  [GeV], inclusive

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$  [GeV]10  
1  
 $10^{-1}$   
 $10^{-2}$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $p_T$  [GeV]

0

2

4

