

13000 GeV pp

Z+Jet

 $\langle p_T \rangle$  (ATLAS UE in Z production)

10

1

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

ATLAS



Pythia 8.315 default

(ATLAS\_2019\_I1736531)

Rivet 4.1.0, 2.1M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1

2

3