

13000 GeV pp

Z (Drell-Yan)

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

10

1

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

ATLAS



Pythia 8.165 default

(ATLAS_2019_I1736531)

Rivet 4.1.0, 400k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1

2

3

