

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.308 default

 $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$

Rivet 3.1.10, 3.3M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

