

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▼ Herwig 7.2.1 softTune
- ▲ Pythia 8.315 default

Rivet 4.1.0,  $\geq 1.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

0.5

1

2

0.5

1

2

1

2

3

