

13000 GeV pp

Z (Drell-Yan)

<pT> vs  $p_T^Z$  (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default

Rivet 3.1.10,  $\geq 2.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531

Ratio to ATLAS

2

1

0.5

 $Z p_T$  [GeV]<mean  $p_T/d\eta d\phi$ > [GeV]