

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

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

 $\langle \text{sum } p_{T, \perp} / d\eta d\phi \rangle$ [GeV]Rivet 3.1.10, $\geq 3.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5



2

2

1

1

0.5

0.5

0

200

400

 $Z p_T$ [GeV]