

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- ...◆... Sherpa 2.2.9 default

Ratio to ATLAS

Rivet 4.1.0, ≥ 1.7 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

(ATLAS_2019_11736531)

0

200

400