

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

5

4

3

2

1

0

2

1

0.5

0

200

400

Rivet 4.1.0, ≥ 1.6 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

(ATLAS_2019_I1736531)

Ratio to ATLAS

