

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
- ...◆ Sherpa 2.2.9 default

 $\langle \text{sum } p_T / d\eta d\phi \rangle$ [GeV]12
10
8
6
4
2
0Rivet 3.1.10, ≥ 2.6 M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.5 $Z p_T$ [GeV]

0

200

400