

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 1.4.5 default

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

2

1

1

0.5

0.5

0.5

0.5

<mean p_T /d η d ϕ > [GeV]

Ratio to ATLAS

 $Z p_T$ [GeV]