

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- · · ◆ Sherpa 2.2.9 default

 $1/N_{ch} dN_{ch}/dp_T$ [GeV]3.5
3
2.5
2
1.5
1
0.5
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

0

2

4

 p_T [GeV]