

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- △ Herwig++ Powheg 2.5.2 default
- ◆ Sherpa 2.2.9 default

 $1/N_{ch} dN_{ch}/dp_T$ [GeV]

5

4

3

2

1

0

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS: 2019_I1736531

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

 p_T [GeV]