

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production) $1/N_{ch} dN_{ch}/dp_T$ [GeV]

- ATLAS
- △ Herwig++ Powheg 2.7.1 default
- MadGraph5 2.7.2.atlas3 lo
- ◆ Sherpa 1.4.5 default

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_I1736531

Ratio to ATLAS

2

1

0.5

 p_T [GeV]