

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.7.1 default
- △--- Herwig++ Powheg 2.7.1 default
- ▽--- Herwig++ Powheg 2.7.1 LHC-UE-EE-4
- Herwig 7.2.1 default

Rivet 4.1.0, ≥ 1.9M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

10
1
 10^{-1}
 10^{-2}
2
1
0.52
1
0.5

0

2

4

6