

13000 GeV pp

Z (Drell-Yan)

Away region, $40 < p_T^Z < 60$ [GeV], inclusive

- 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, ≥ 3.1 M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

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

10

1

 10^{-1} 10^{-2}

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

 p_T [GeV]