

13000 GeV pp

Z (Drell-Yan)

Transmin region, $10 < p_T^Z < 20$ [GeV], inclusive $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]

10

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 

ATLAS

Herwig++ Powheg 2.7.1 default

Herwig++ Powheg 2.7.1 LHC-UE-EE-4

Herwig 7.2.1 default

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 2.5 M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 p_T [GeV]

0

2

4