

13000 GeV pp

Z (Drell-Yan)

Transverse region, $20 < p_T^Z < 40$ [GeV], inclusive $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]

10

1

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

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, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

 p_T [GeV]