

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 10^{-2}
 10^{-1}
 1
 10 Rivet 4.1.0, $\geq 2.5\text{M}$ events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

0.5
1
20.5
1
2Mean $p_T/d\eta d\phi$

1

2

3