

13000 GeV pp

Z (Drell-Yan)

Transmin region, $20 < p_T^Z < 40$ [GeV], low thrust $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]10
1
 10^{-1}
 10^{-2}
 10^{-3}

■ ATLAS
○ Herwig++ 2.7.1 default
□ Herwig 7.2.1 default
◆ Sherpa 2.2.9 default

(ATLAS_2019_I1736531)

Rivet 4.1.0, $\geq 2.2\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.50 2 4 p_T [GeV]