

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma \rightarrow \ell\ell^* \ell\ell, 106 < m_{\ell\ell} < 170 \text{ GeV}$

- CMS
- △--- Herwig++ Powheg 2.7.1 default
- ▽--- Herwig++ Powheg 2.7.1 LHC-UE-EE-4
- Herwig 7.2.1 default

Ratio $\rightarrow$ Z peak region0.06
0.05
0.04
0.03
0.02
0.01Rivet 4.1.0, $\geq 2.4\text{M events}$

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

2
1
0.52
1
0.50 1 2 3 ϕ_η^*