

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma^* \rightarrow \#e\ell^+ \#e\ell^-, 350 < m_{\#e\ell\#e\ell} < 1000 \text{ GeV}$

- CMS
- △ Herwig++ Powheg 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ◆ Sherpa 1.4.5 default

Ratio \rightarrow Z peak region 10^{-2} 10^{-3} 10^{-4}

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

0

1

2

3

 ϕ_η^* 