

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 7.2.1 default
- ▲ Pythia 8.315 default
- ...◆ Sherpa 2.2.9 default

Ratio $\rightarrow$ Z peak regionRivet 4.1.0, $\geq 1.9\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

2

1

0.5

 ϕ_η^*

0

1

2

3