

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma^* \rightarrow \ell\ell^+ \ell\ell^-, 170 < m_{\ell\ell} < 350 \text{ GeV}$

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default
- ◆- Sherpa 2.2.9 default

Ratio $\rightarrow$ Z peak region 10^{-1} 10^{-2} 10^{-3}

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 1.5\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

 $p_{\text{T}}(\ell\ell) [\text{GeV}]$

0

500

1000