

13000 GeV pp

Z (Drell-Yan)

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default

0.1
0.08
0.06
0.04
0.02Rivet 4.1.0, $\geq 2.5\text{M events}$

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

3
2
1
0.53
2
1
0.5 $p_{T}(\ell\ell) [\text{GeV}]$

0

500

1000

