

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $Z\gamma^* \rightarrow \ell\ell^+ \ell\ell^-$, $50 < m_{\ell\ell} < 76$ GeV

■ CMS

---△ Herwig++ Powheg 2.7.1 default

---◇ Sherpa 1.2.3 default

Ratio $\rightarrow$ Z peak regionRivet 4.1.0, ≥ 400 k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2022_I2079374)

Ratio to CMS

2

1

0.5

 $p_T(\ell\ell)$ [GeV]