

13000 GeV pp

Z (Drell-Yan)

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

■ CMS
 —▲ Pythia 8.301 default

Ratio $\rightarrow$ Z peak region

0.1
 0.08
 0.06
 0.04
 0.02

(CMS_2022_I2079374)

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

3
 2
 1
 0.5

2
 1
 0.5

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