

13000 GeV pp

Z (Drell-Yan)

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

■ CMS

- - ■ Pythia 6.426 default

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

(CMS_2022_I2079374)

Rivet 4.1.0, 300k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

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