

13000 GeV pp

Z (Drell-Yan)

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

■ CMS

—▲ Pythia 8.135 default

Ratio $\rightarrow$ Z peak region0.12
0.1
0.08
0.06
0.04
0.02

Rivet 4.1.0, 400k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

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

0

500

1000

