

13000 GeV pp

Z (Drell-Yan)

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

■ CMS

—▲ Pythia 8.165 default

Ratio $\rightarrow$ Z peak region0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

(CMS_2022_I2079374)

Ratio to CMS

2
1
0.5

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

2

0.5

 ϕ_η^*

0

1

2

3