

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 8.165 default

Ratio $\rightarrow$ Z peak region0.014
0.012
0.01
0.008
0.006
0.004
0.002

(CMS_2022_I2079374)

Rivet 4.1.0, 400k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

0.5

2

2

0.5

0

1

2

3

 ϕ_η^* 