

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 8.307 ppthermNoScat

Ratio $\rightarrow$ Z peak region0.14
0.12
0.1
0.08
0.06
0.04
0.02

(CMS_2022_I2079374)

Rivet 4.1.0, 1.1M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2
1
0.5

2

1

0.5

 $p_T(\ell\ell)$ [GeV]

500

1000

0