

13000 GeV pp

Z (Drell-Yan)

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

■ CMS
— Pythia 8.307 ppthermNoScat

Ratio \rightarrow Z peak region

0.12
0.10
0.08
0.06
0.04
0.02
0

Rivet 4.1.0, 600k events
mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

2
1
0.5

2
1
0.5

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

