

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma^* \rightarrow \ell\ell^*, 170 < m_{\ell\ell} < 350 \text{ GeV}$

■ CMS

— Pythia 8.307 eetherm

Ratio $\rightarrow$ Z peak region

Rivet 4.1.0, 900k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

2

1

0.5

 $p_T(\ell\ell) [\text{GeV}]$ 