

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 6.425 default

Ratio $\rightarrow$ Z peak region

0.16
 0.14
 0.12
 0.1
 0.08
 0.06
 0.04
 0.02

Rivet 4.1.0, 400k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2022_I2079374)

Ratio to CMS

2
 1
 0.5

2

1
 0.5

0

1

2

3

 ϕ_η^* 