

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma^* \rightarrow \ell\ell^+ \ell\ell^-, 350 < m_{\ell\ell} < 1000 \text{ GeV}$ Ratio $\rightarrow$ Z peak region

Ratio to CMS

Ratio to CMS

 ϕ_η^*

- CMS
- ▲ Pythia 8.244 default
- -● Pythia 8.244 tune-2c
- -○ Pythia 8.244 tune-2m

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 ϕ_η^* 