

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 6.426 ambt1
- Pythia 6.426 z2

Ratio $\rightarrow$ Z peak region

0.06
0.05
0.04
0.03
0.02
0.01

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio to CMS

2
1
0.5

2
1
0.5

 ϕ_η^*