

13000 GeV pp

Z (Drell-Yan)

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

- CMS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

Rivet 4.1.0, ≥ 2.4 M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

Ratio $\rightarrow$ Z peak region

Ratio to CMS

 ϕ_η^* 