

13000 GeV pp

Z (Drell-Yan)

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

Ratio to CMS

p_T(#ell#ell) [GeV]

- CMS
- Pythia 6.425 350
- .-●-.- Pythia 6.425 357
- ...●... Pythia 6.425 358
- .-■-.- Pythia 6.425 359

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

1000

500

0