13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\}/\gamma^* \to \#ell^+ \#ell^-$, $50 < m_{\#ell\#ell} < 76$ GeV

Ratio → Z peak region

- CMS
- Pythia 8.315 default
- Pythia 8.315 default-noCR

(CMS_2022_I2079374)
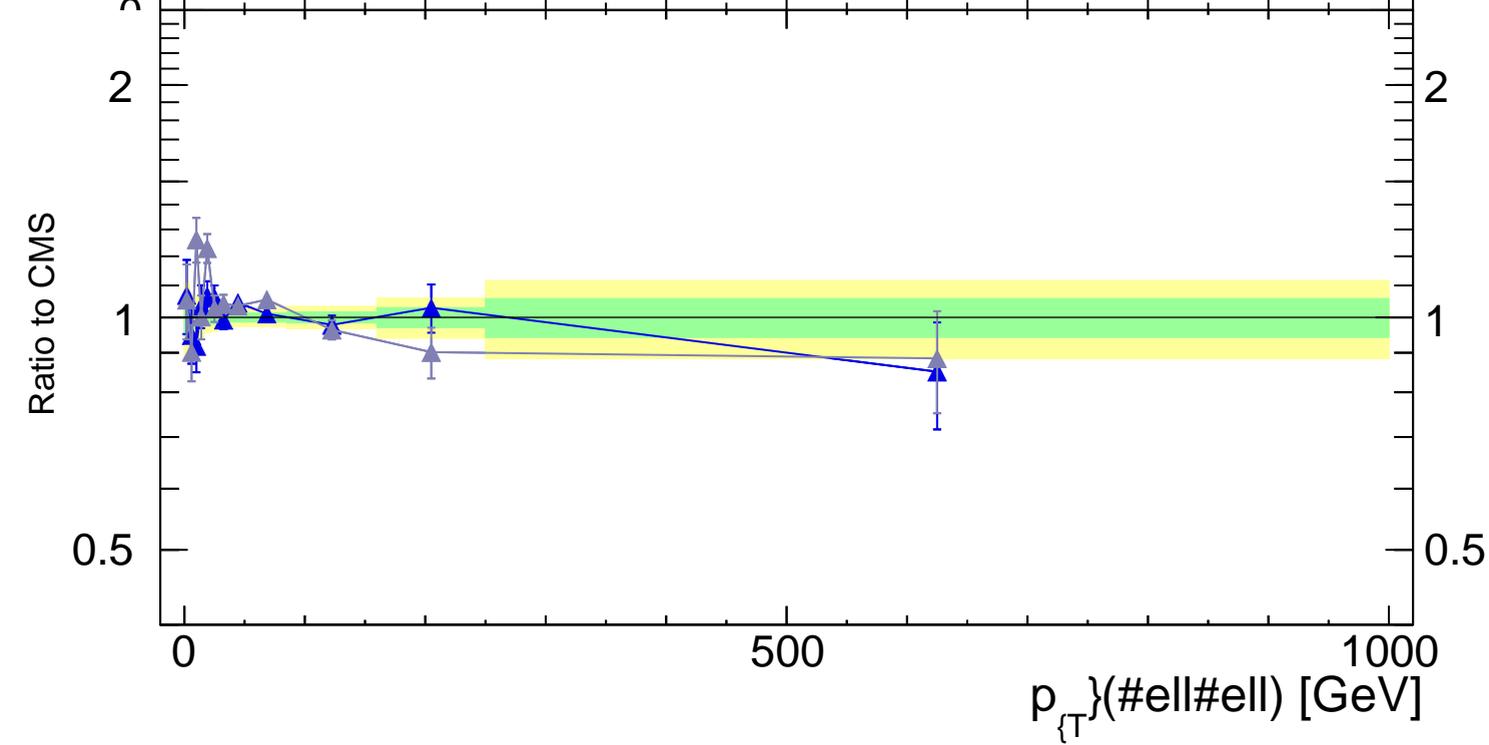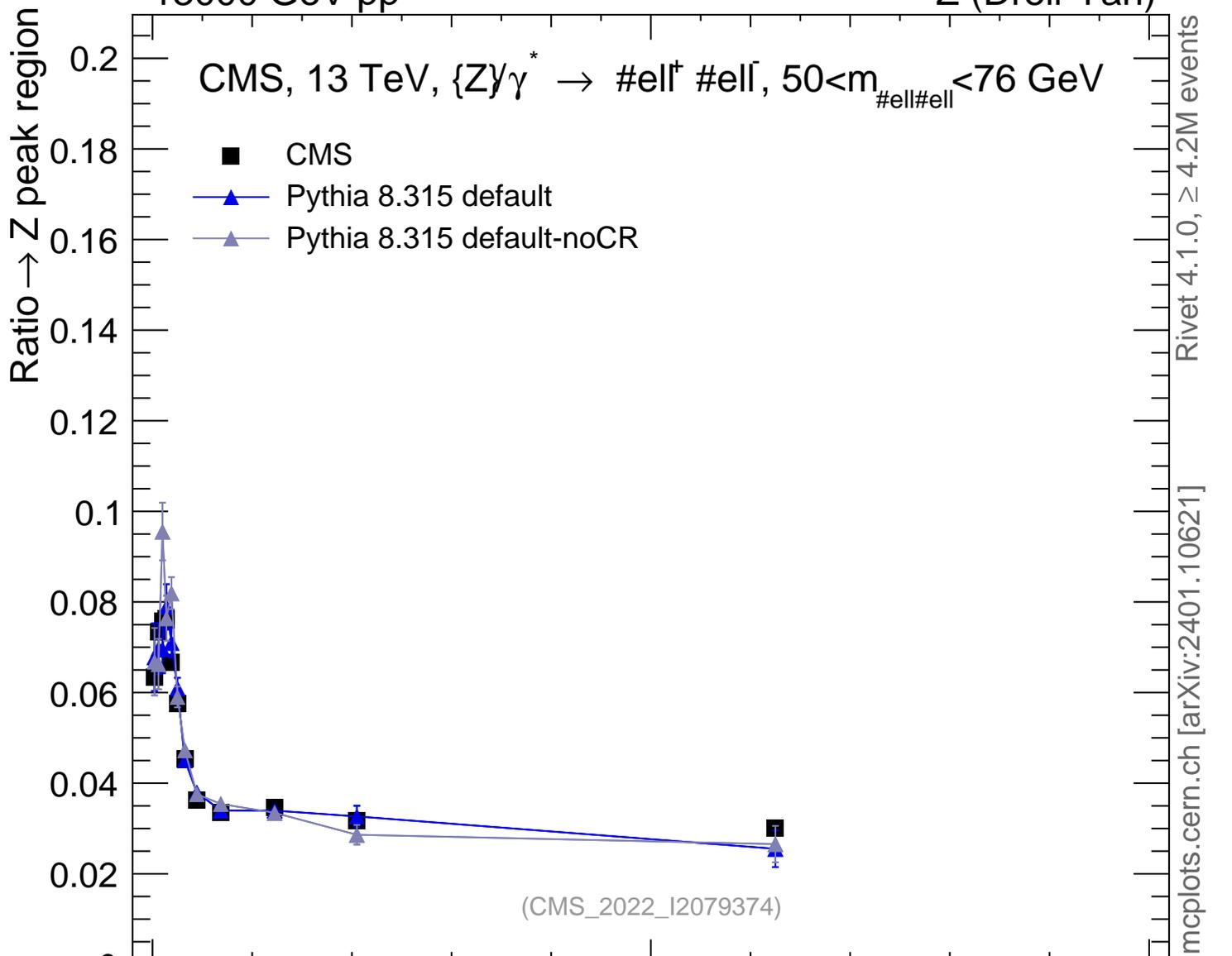
Rivet 4.1.0, ≥ 4.2M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

$p_{\{T\}}(\#ell\#ell)$ [GeV]