

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV,  $\{Z\gamma \rightarrow \#e\ell^+ \#e\ell^-, 106 < m_{\#e\ell\#e\ell} < 170 \text{ GeV}$

- CMS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

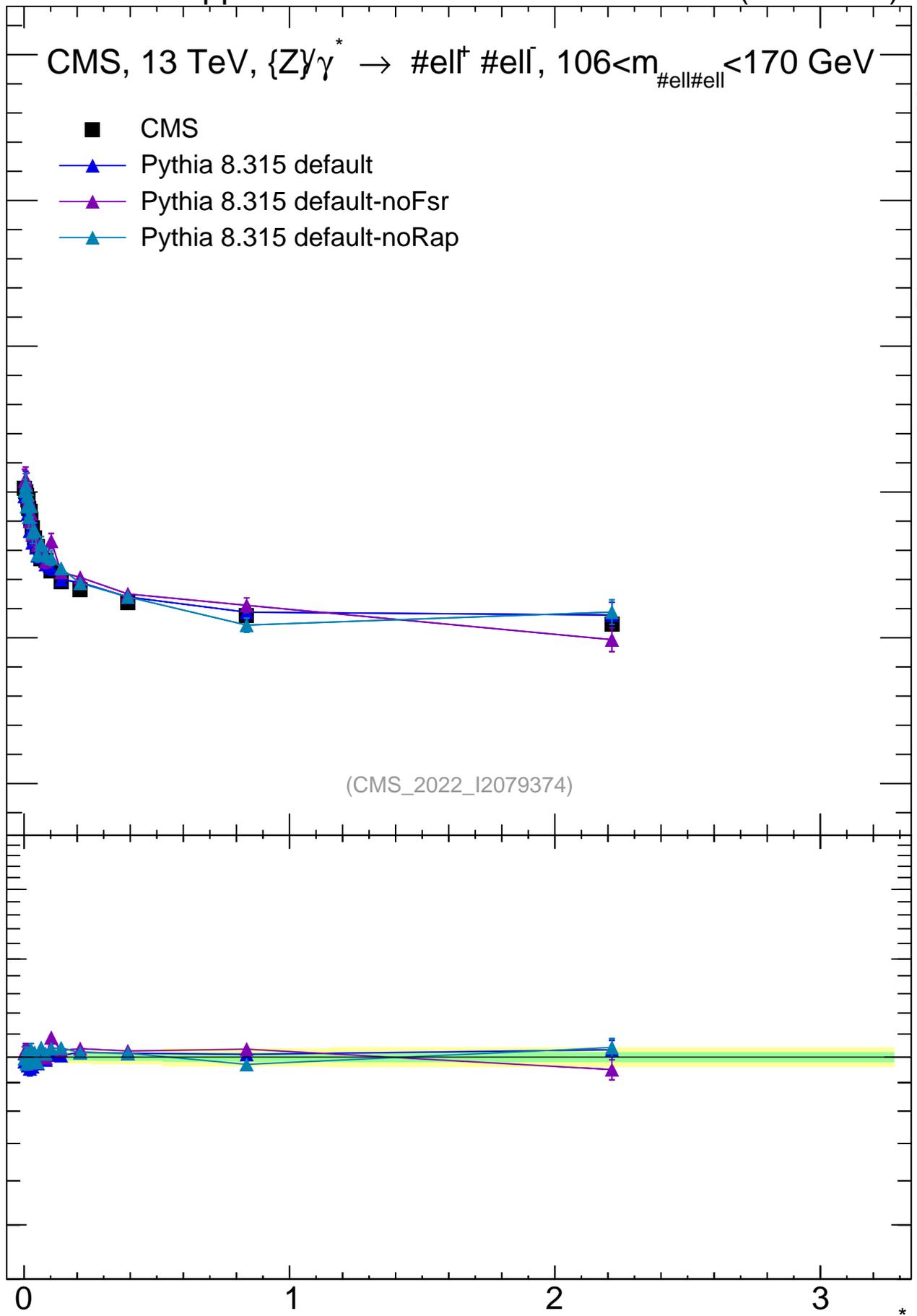
Ratio  $\rightarrow$  Z peak region

Rivet 4.1.0,  $\geq 3.9\text{M}$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2022\_I2079374)

Ratio to CMS



$\phi_n^*$