

13000 GeV pp

Z (Drell-Yan)

 $p_{\text{T}}^{\text{ll}}$  (CMS Z production) $d\sigma/dp_{\text{T}}^{\text{Z}}$  [pb/GeV]

- CMS
- △ Herwig++ Powheg 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ◆ Sherpa 1.4.5 default

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2019\_04\_153680

Ratio to CMS

