

13000 GeV pp

Z (Drell-Yan)

 $p_{\text{T}}^{\parallel}$ (CMS Z production)

- CMS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_11753680

Ratio to CMS

2

1

0.5

 p_{T}^Z [GeV]