

13000 GeV pp

Z (Drell-Yan)

 $p_T^{\parallel}$ (CMS Z production) $d\sigma/dp_T^Z$ [pb/GeV]

- CMS
- ▲— Pythia 8.212 default
- Pythia 8.212 tune-A14-CTEQL1
- - - Pythia 8.212 tune-A14-MSTW2008LO
- ⋯ Pythia 8.212 tune-A14-NNPDF2.3LO
- -△- - Pythia 8.212 tune-CUETP8S1

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_11_2680

Ratio to CMS

0.5

1

2

0.5

1

2

 p_T^Z [GeV]

1

10

10²10³