

13000 GeV pp

Z (Drell-Yan)

 $p_T^{\parallel}$ (CMS Z production)

- CMS
- ▲ Pythia 8.212 default
- - * Pythia 8.212 tune-4c
- ... □ Pythia 8.212 tune-4cx

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_I1748680

Ratio to CMS

2

1

0.5

 p_T^Z [GeV]

1

10

 10^2 10^3 