

13000 GeV pp

Z (Drell-Yan)

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

- CMS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-AU2
- · ·◇ Pythia 8.308 tune-AU2lox
- · ·□ Pythia 8.308 tune-AU2lox
- · ·★ Pythia 8.308 tune-AU2m

CMS_2019_I1753680

Rivet 3.1.10, ≥ 2.1 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

0.5

1

2

0.5

1

2

1

10

 10^2 p_T^Z [GeV] 10^3 