

13000 GeV pp

Z (Drell-Yan)

 $z.\text{pt}_z.\text{pt}$ (CMS Drell--Yan)

0.05

0.04

0.03

0.02

0.01

0

2

1

0.5



CMS



Pythia 8.315 default



Pythia 8.315 tune-AU2



Pythia 8.315 tune-AU2lox



Pythia 8.315 tune-AU2loxx



Pythia 8.315 tune-AU2m

(CMS_2022_I2079374)

Ratio to CMS

Rivet 4.1.0, $\geq 1.8\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

500

1000

0