

13000 GeV pp

Z (Drell-Yan)

Double differential cross-section for $3.0 < \bar{y} < 3.5$ $\frac{d^2\sigma}{dy d\phi_\eta}$ [pb] $\frac{d^2\sigma}{dy d\phi_\eta}$

[pb]

 10^4 10^3 10^2

10

1

 10^{-1} 10^{-2} 

LHCB

Pythia 8.186 default

Pythia 8.186 tune-4c

Pythia 8.186 tune-4cx

(LHCB_2021_I1990313)

Ratio to LHCB

2

1

0.5

0

1

2

3

4

 ϕ_η Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]