

13000 GeV pp

Z (Drell-Yan)

Double differential cross-section for  $3.0 < \bar{y} < 3.5$  $\frac{d^2\sigma}{dy^Z d\phi_\eta}$  [pb] $\frac{d^2\sigma}{dy^Z d\phi_\eta}$ Rivet 4.1.0,  $\geq 2$ M events

mcplots.cern.ch [arXiv:1306.3436]

- LHCb
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

(LHCb\_2021\_I1990313)

Ratio to LHCb

2

1

0.5

 $\phi_\eta$ 