

13000 GeV pp

Z (Drell-Yan)

 $\phi_{\eta}^*$  (lhcb2021-zmumu)Rivet 4.1.0,  $\geq 1.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

(LHCB\_2021\_I1990313)

Ratio to LHCb

- LHCb
- Herwig++ 2.7.1 default
- △ Herwig++ Powheg 2.7.1 default
- ▼ Herwig++ Powheg 2.7.1 LHC-UE-EE-4
- Herwig 7.2.1 default

Y-axis (top):  $10^4$ ,  $10^3$ ,  $10^2$ , 10, 1,  $10^{-1}$ ,  $10^{-2}$

Y-axis (bottom): 2, 1, 0.5

