

7000 GeV pp

Z (Drell-Yan)

 $y_{\parallel} (p_{\text{T}}(e) > 20 \text{ GeV}, 2 < \eta < 5, 60 < m_{ee} < 120)$

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

Rivet 3.1.10, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1208102

Ratio to LHCb

2

1

0.5

 y_z 