

7000 GeV pp

Z (Drell-Yan)

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

- LHCb
- △ Herwig++ Powheg 2.5.1 default
- Herwig 7.2.1 default
- MadGraph5 2.7.2.atlas3 nlo
- ▲ Pythia 8.308 default
- ◆ Sherpa 2.2.9 default

LHCb_2012_I1208102

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

