

7000 GeV pp

Z (Drell-Yan)

 $p_T^{\parallel}$  (muon channel, bare)Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- △ Herwig++ Powheg 2.7.1 default
- MadGraph5 2.7.2.atlas3 lo
- MadGraph5 2.7.2.atlas3 nlo
- ◆ Sherpa 1.2.3 default

ATLAS\_2011\_S9131140

Ratio to ATLAS

 $p_T(\text{mumu})$  [GeV]