

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

■ ATLAS

- - △ Herwig++ Powheg 2.7.1 default

Rivet 4.1.0, 2M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

 $10^{-3}$  $10^{-2}$  $10^{-1}$ 

1

10

0

1

2

3

4

2

1

0.5

