

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

■ ATLAS  
—▲ Pythia 8.315 default

1

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

(ATLAS\_2019\_I1736531)

Rivet 4.1.0, 2.4M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

3

4