

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

- ATLAS
- △ Herwig++ Powheg 2.7.1 default
- Herwig 7.2.1 default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

 $1/N_{\text{ev}} dN_{\text{ev}}/dN_{\text{ch}}/d\eta d\phi$

Ratio to ATLAS

 $N_{\text{ch}}/d\eta d\phi$

0

1

2

3

4

2

1

0.5