

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

- ATLAS
- MadGraph5 2.7.2.atlas3 lo
- ◆ Sherpa 2.2.9 default

 $1/N_{\text{ev}} dN_{\text{ev}}/dN_{\text{ch}}/d\eta d\phi$ 1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0Rivet 3.1.10, ≥ 2.4M events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5 $N_{\text{ch}}/d\eta d\phi$

0

1

2

3

4