

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

 $1/N_{\text{ev}} dN_{\text{ev}}/dN_{\text{ch}}/d\eta d\phi$ 10
1
 10^{-1}
 10^{-2}

■ ATLAS

(ATLAS_2019_I1736531)

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