

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)

Ratio to ATLAS

2  
1  
0.5

mcplots.cern.ch [arXiv:1306.3436]

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