

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

■ ATLAS

 $1/N_{\text{ev}} \frac{dN_{\text{ev}}}{d\text{sum } p_T d\eta d\phi} [\text{GeV}^{-1}]$

(ATLAS_2019_I1736531)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

2

2

0.5

sum $p_T/d\eta d\phi$ [GeV]