

13000 GeV pp

Z (Drell-Yan)

Nch (ATLAS UE in Z production)

■ ATLAS

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

(ATLAS_2019_I1736531)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

1

2

0.5

1

2

sum $p_{\text{T}}/d\eta d\phi [\text{GeV}]$ 