

13000 GeV pp

Z (Drell-Yan)

Scalar  $\Sigma(p_T)$  (ATLAS UE in Z production) $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$  [GeV]

ATLAS

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

mcplots.cern.ch [arXiv:1306.3436]

 $p_T$  [GeV]