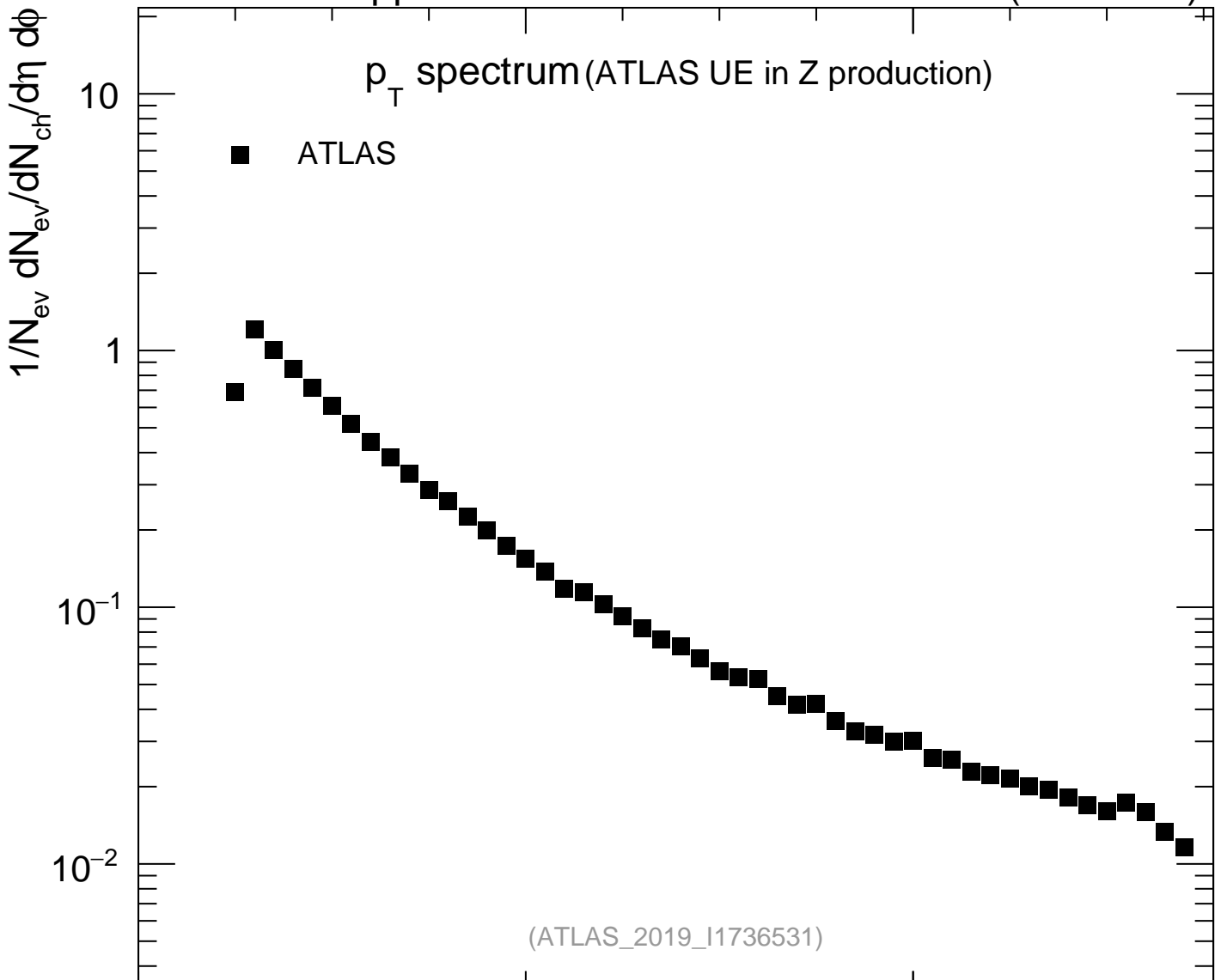


13000 GeV pp

Z (Drell-Yan)

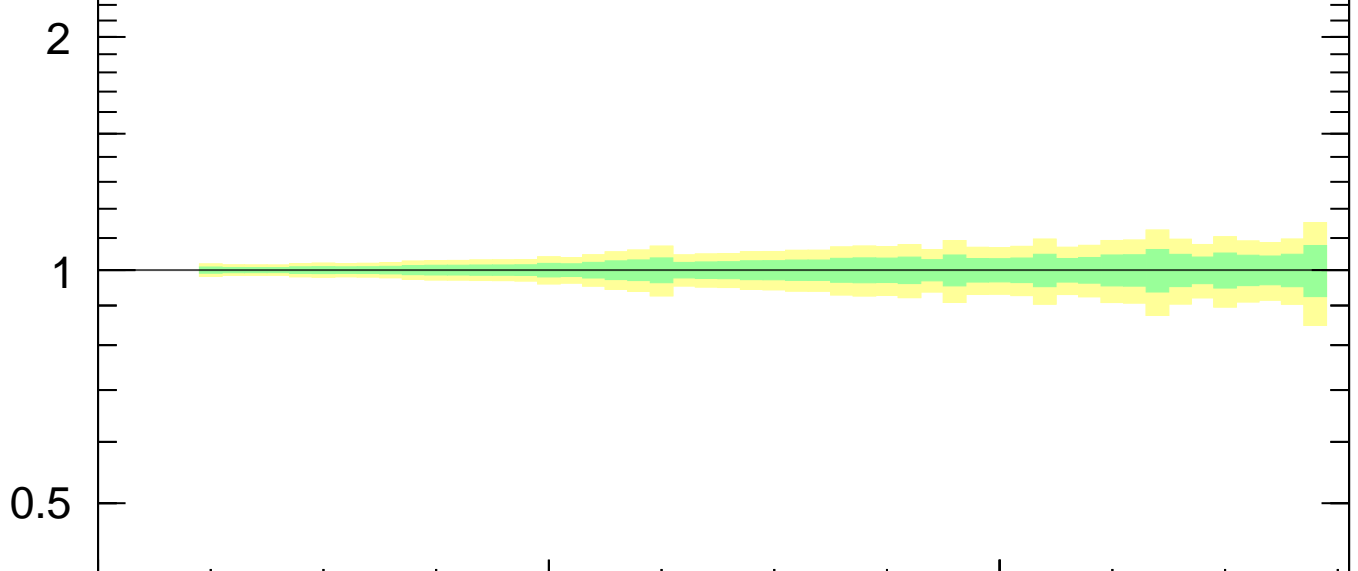
$p_T$  spectrum (ATLAS UE in Z production)

■ ATLAS



(ATLAS\_2019\_I1736531)

Ratio to ATLAS



$N_{ch}/d\eta d\phi$

mcplots.cern.ch [arXiv:1306.3436]