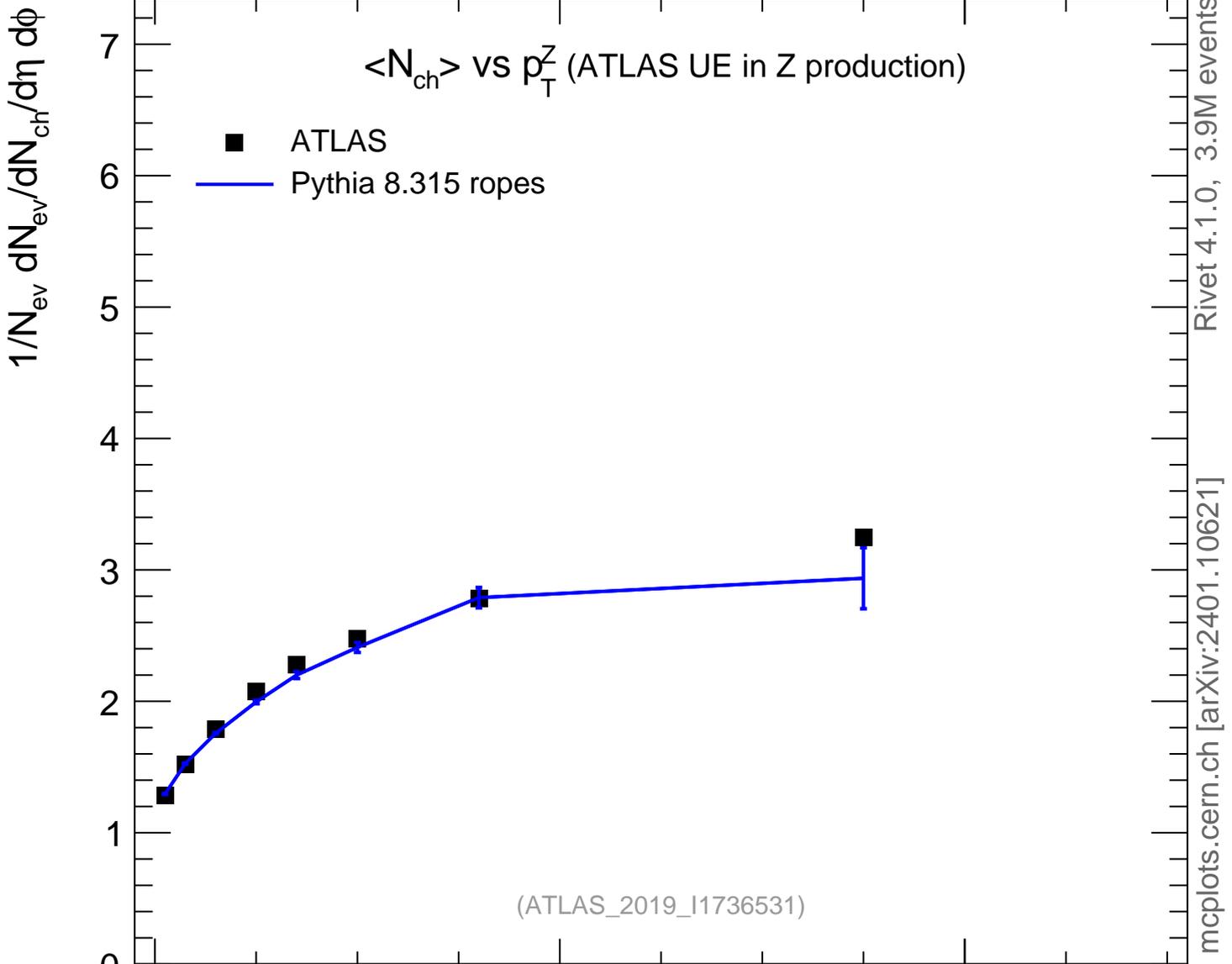


13000 GeV pp

Z (Drell-Yan)

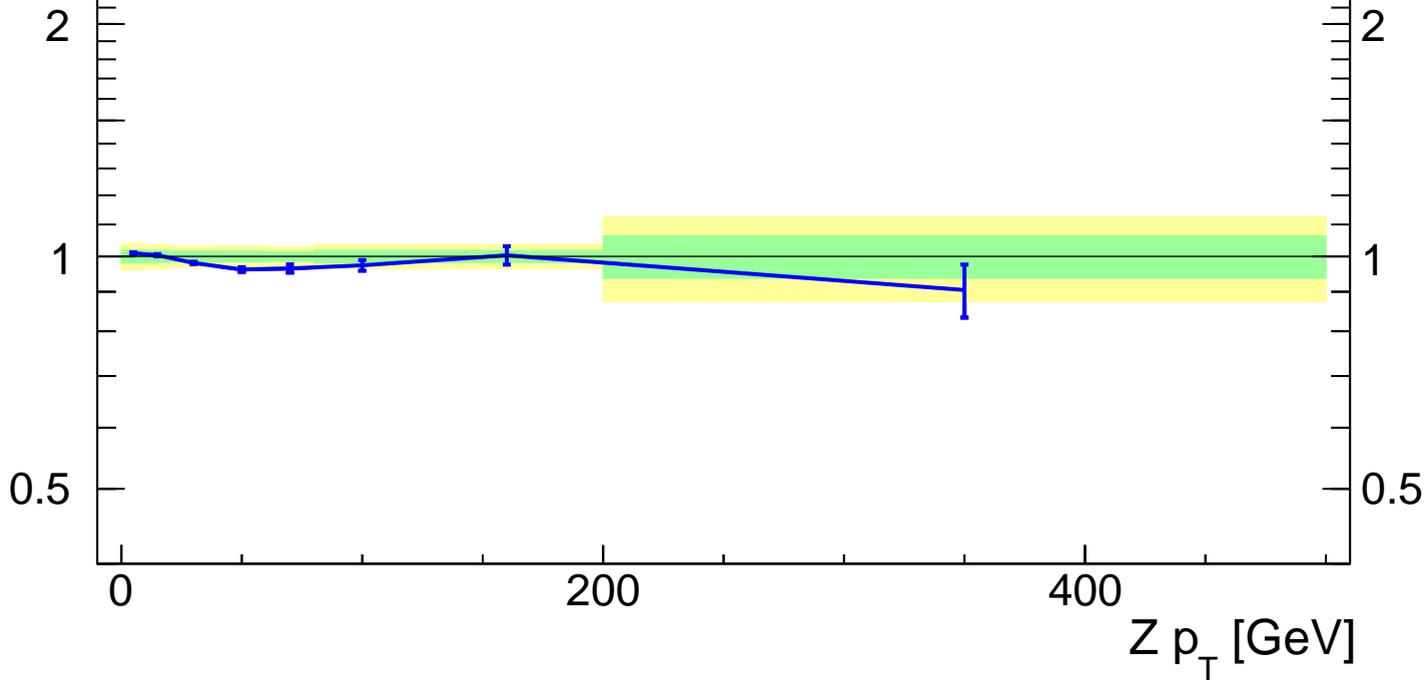
$\langle N_{ch} \rangle$  vs  $p_T^Z$  (ATLAS UE in Z production)

■ ATLAS  
— Pythia 8.315 ropes



(ATLAS\_2019\_I1736531)

Ratio to ATLAS



Rivet 4.1.0, 3.9M events  
mcplots.cern.ch [arXiv:2401.10621]