

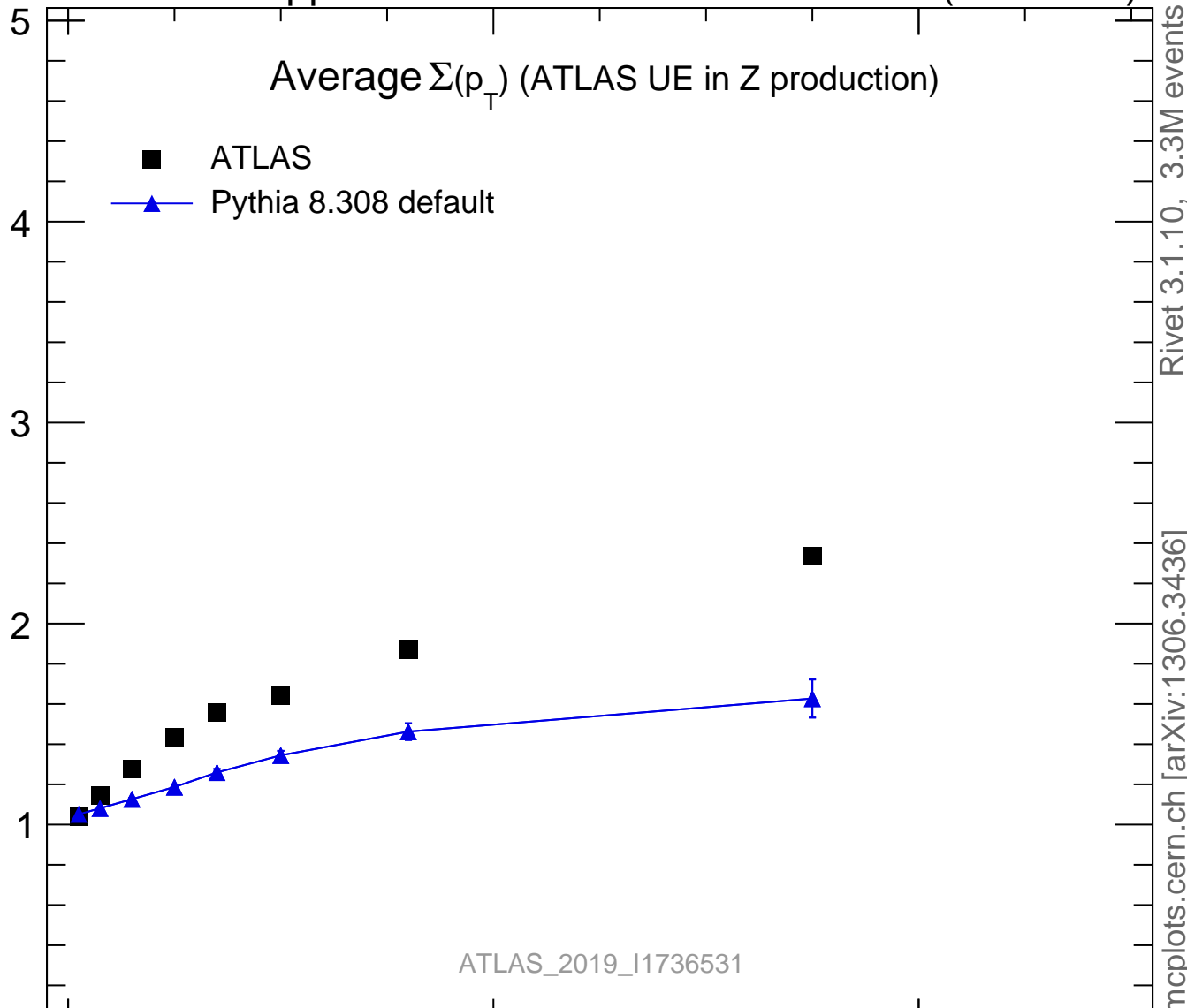
13000 GeV pp

Z (Drell-Yan)

Average  $\Sigma(p_T)$  (ATLAS UE in Z production)

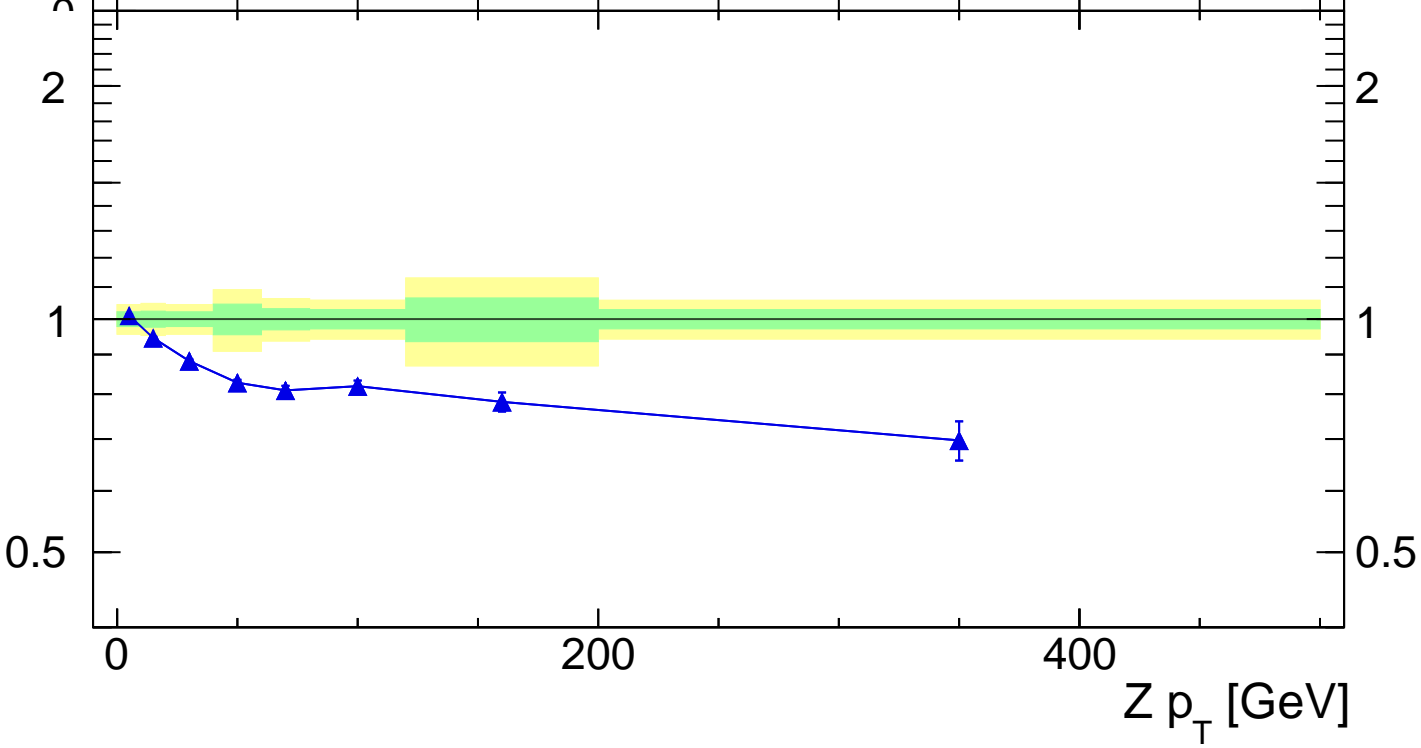
- ATLAS
- ▲ Pythia 8.308 default

$\langle \text{sum } p_{T,i} / d\eta d\phi \rangle$  [GeV]



ATLAS\_2019\_I1736531

Ratio to ATLAS



Rivet 3.1.10, 3.3M events  
mcplots.cern.ch [arXiv:1306.3436]