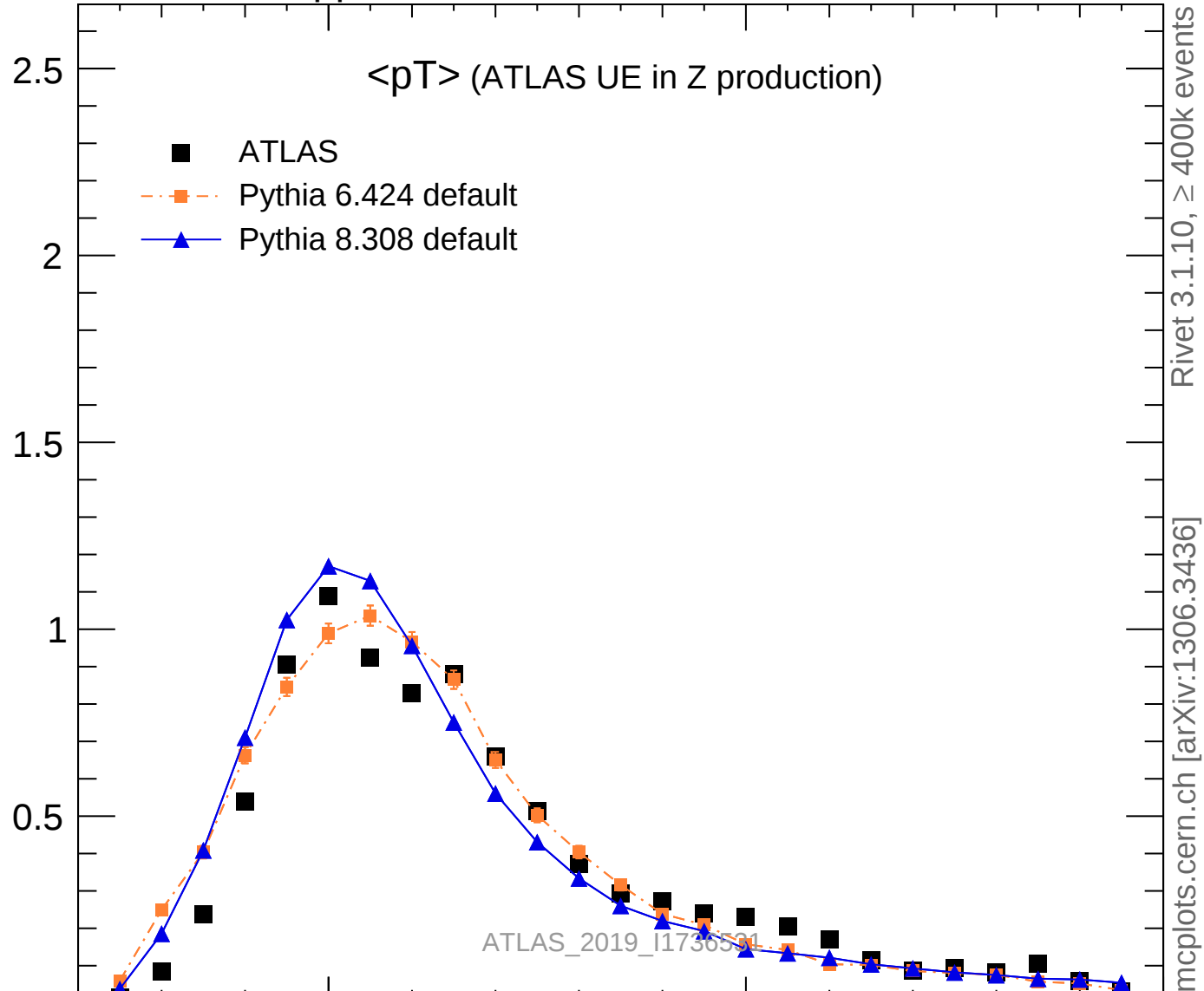


13000 GeV pp

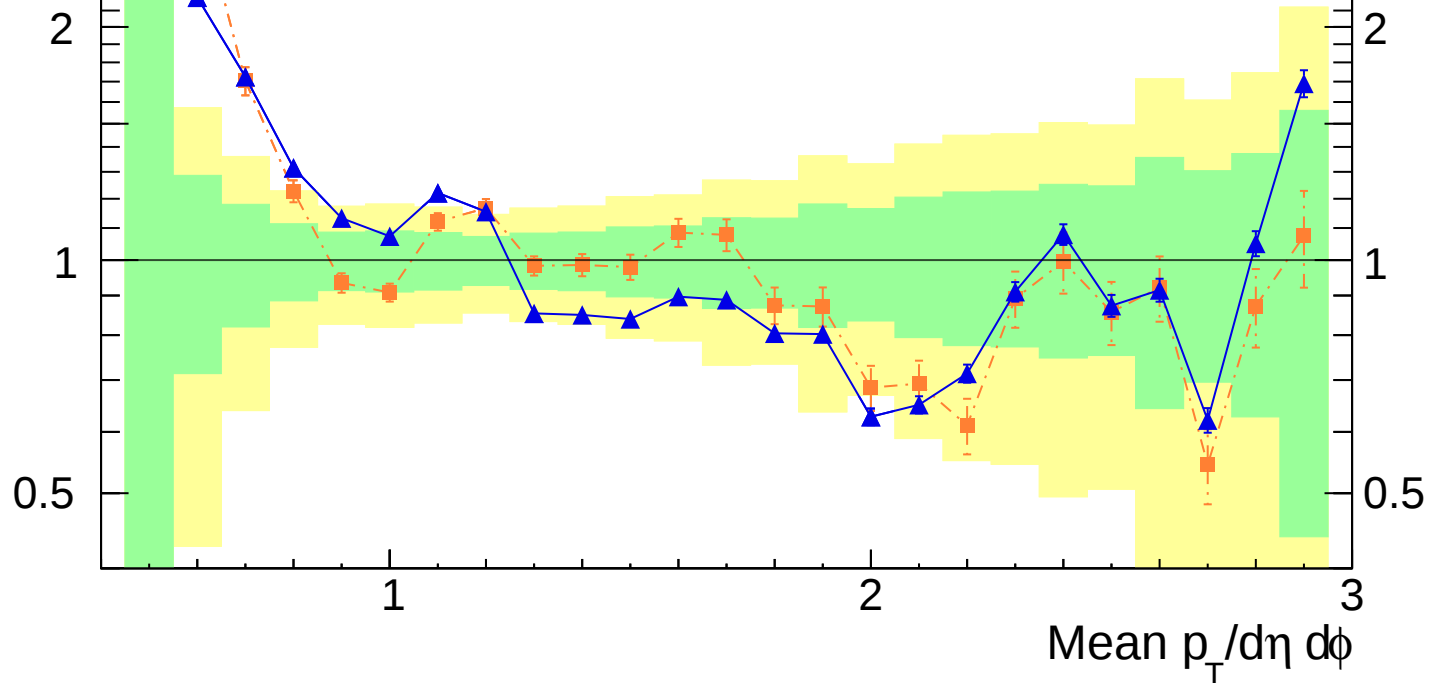
Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.308 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 

Ratio to ATLAS



Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531