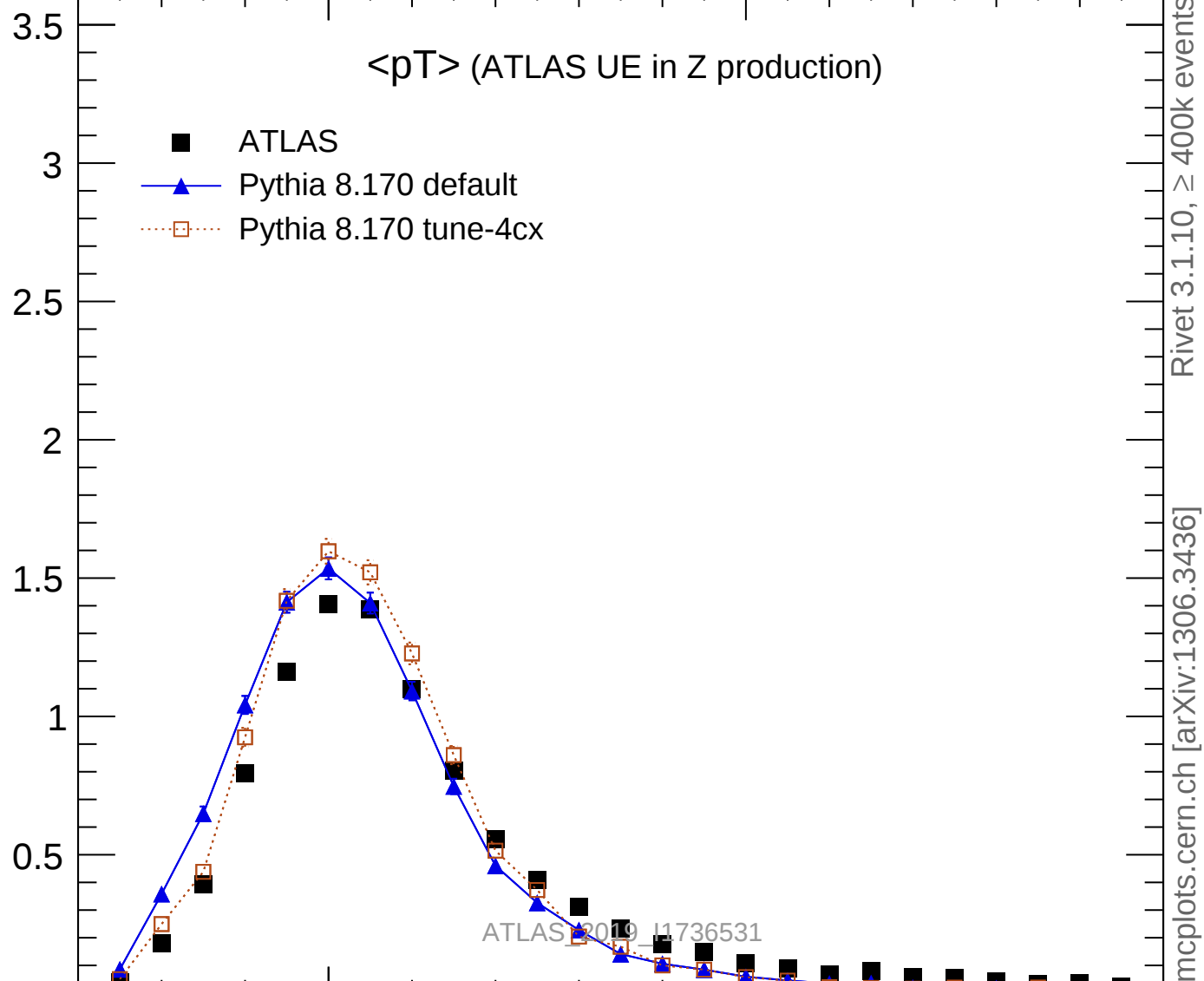


13000 GeV pp

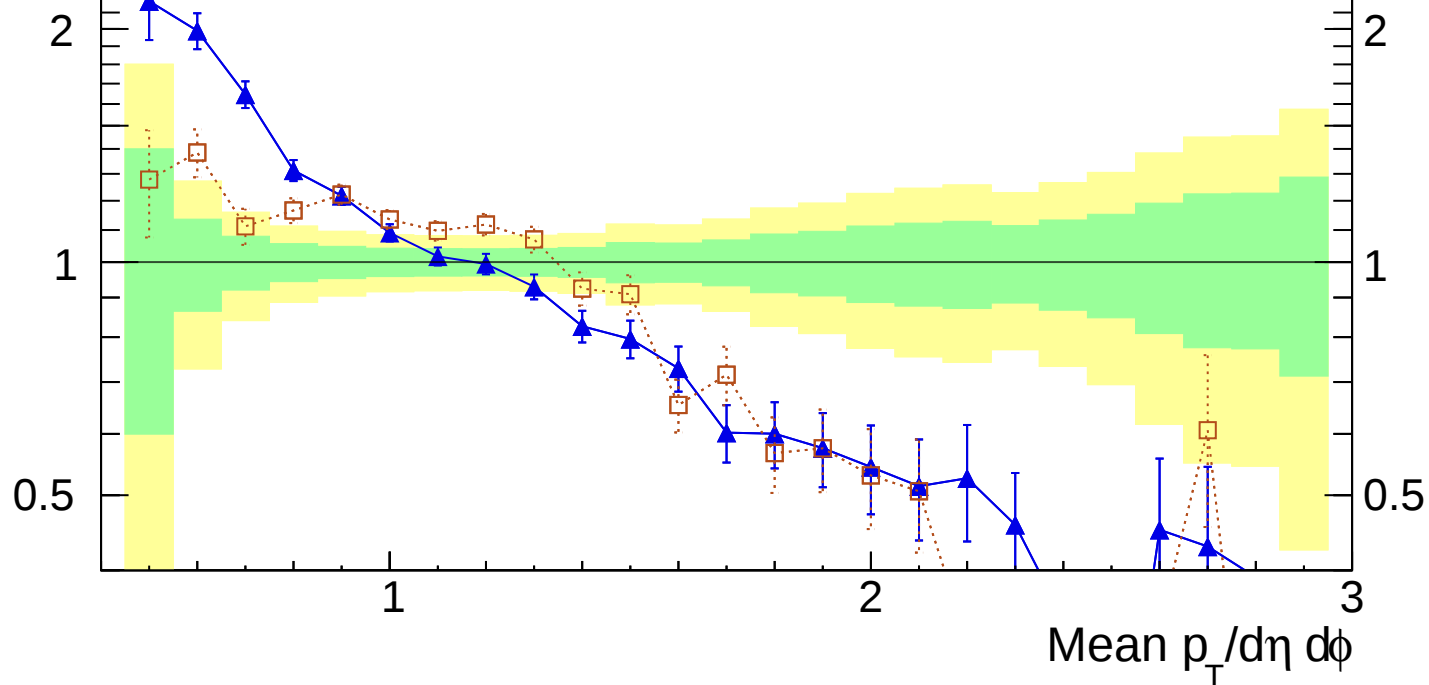
Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.170 default
- ◻ Pythia 8.170 tune-4cx

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

Ratio to ATLAS



Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]