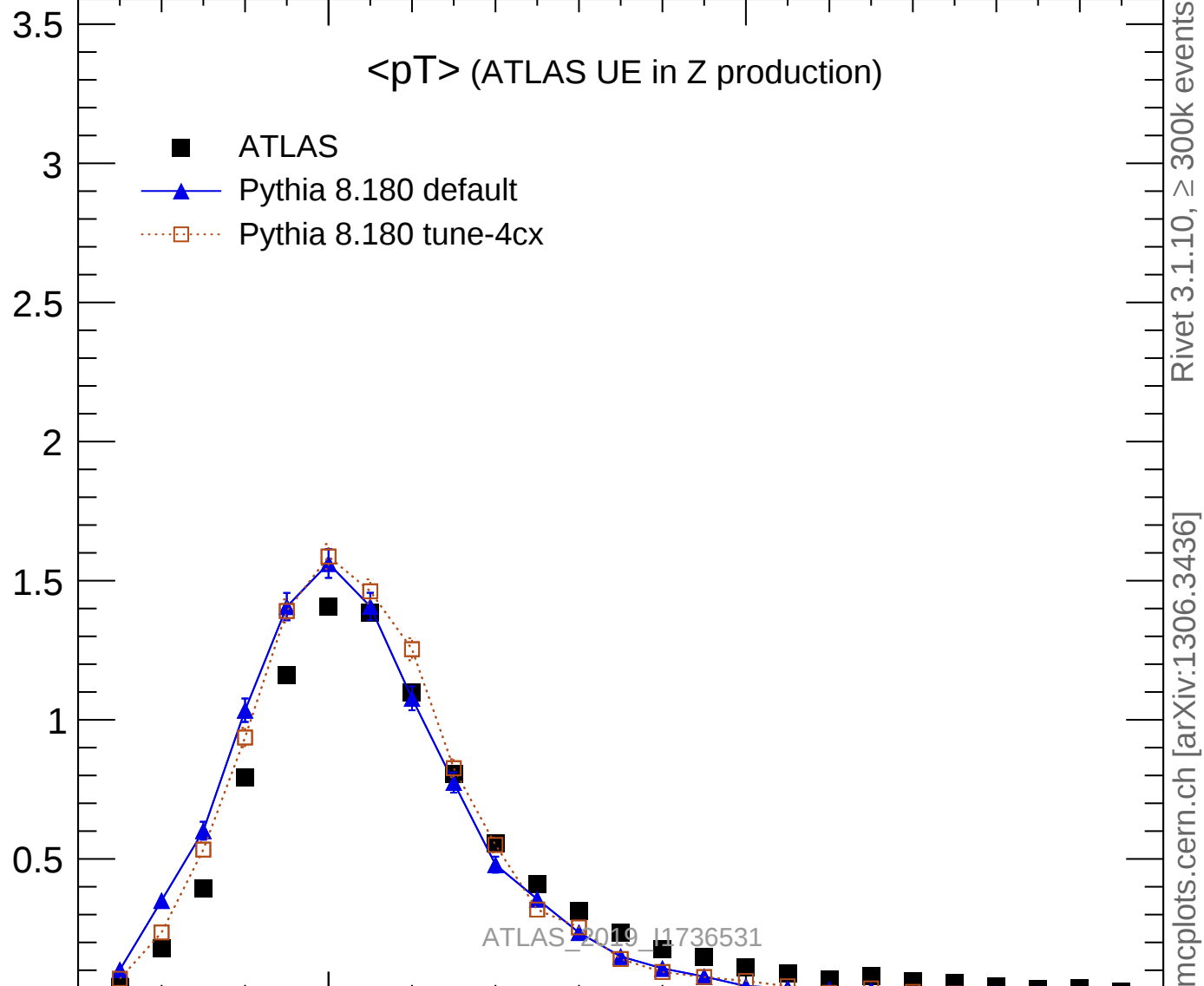


13000 GeV pp

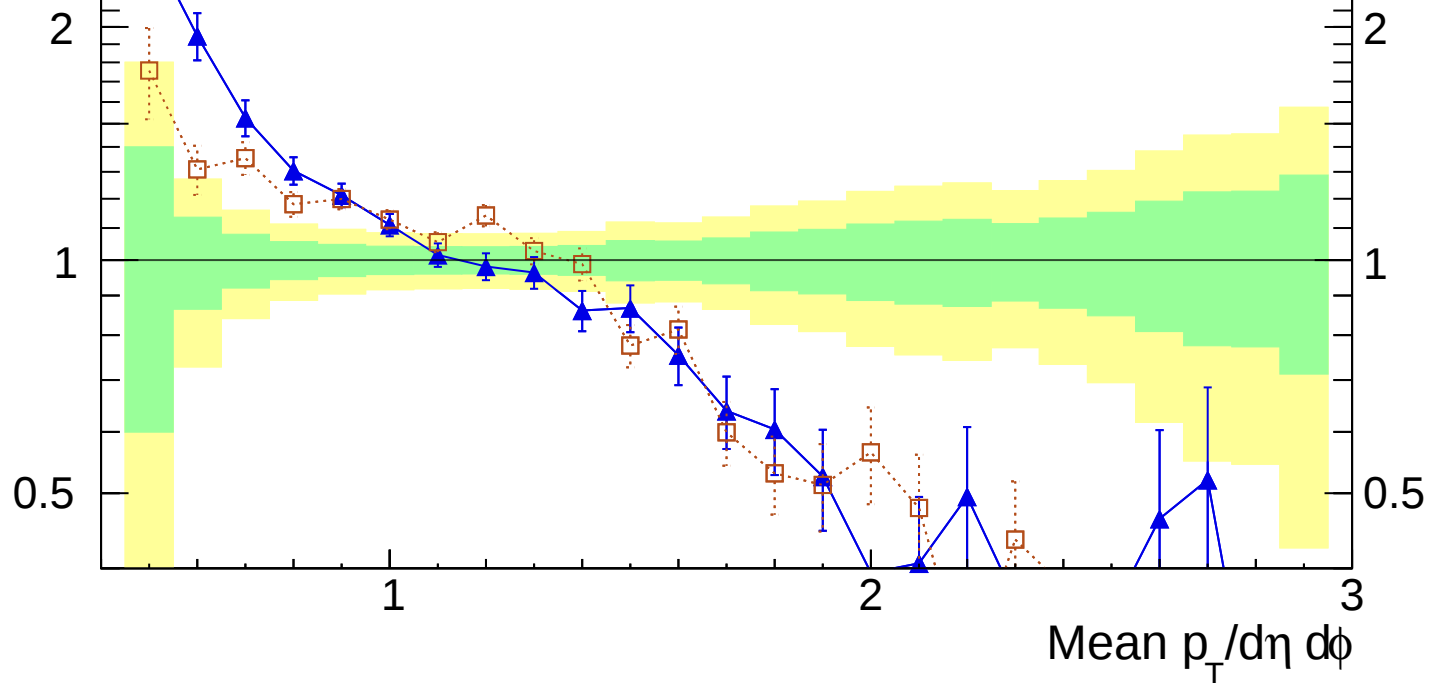
Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.180 default
- - □ Pythia 8.180 tune-4cx

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

Ratio to ATLAS



Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]