

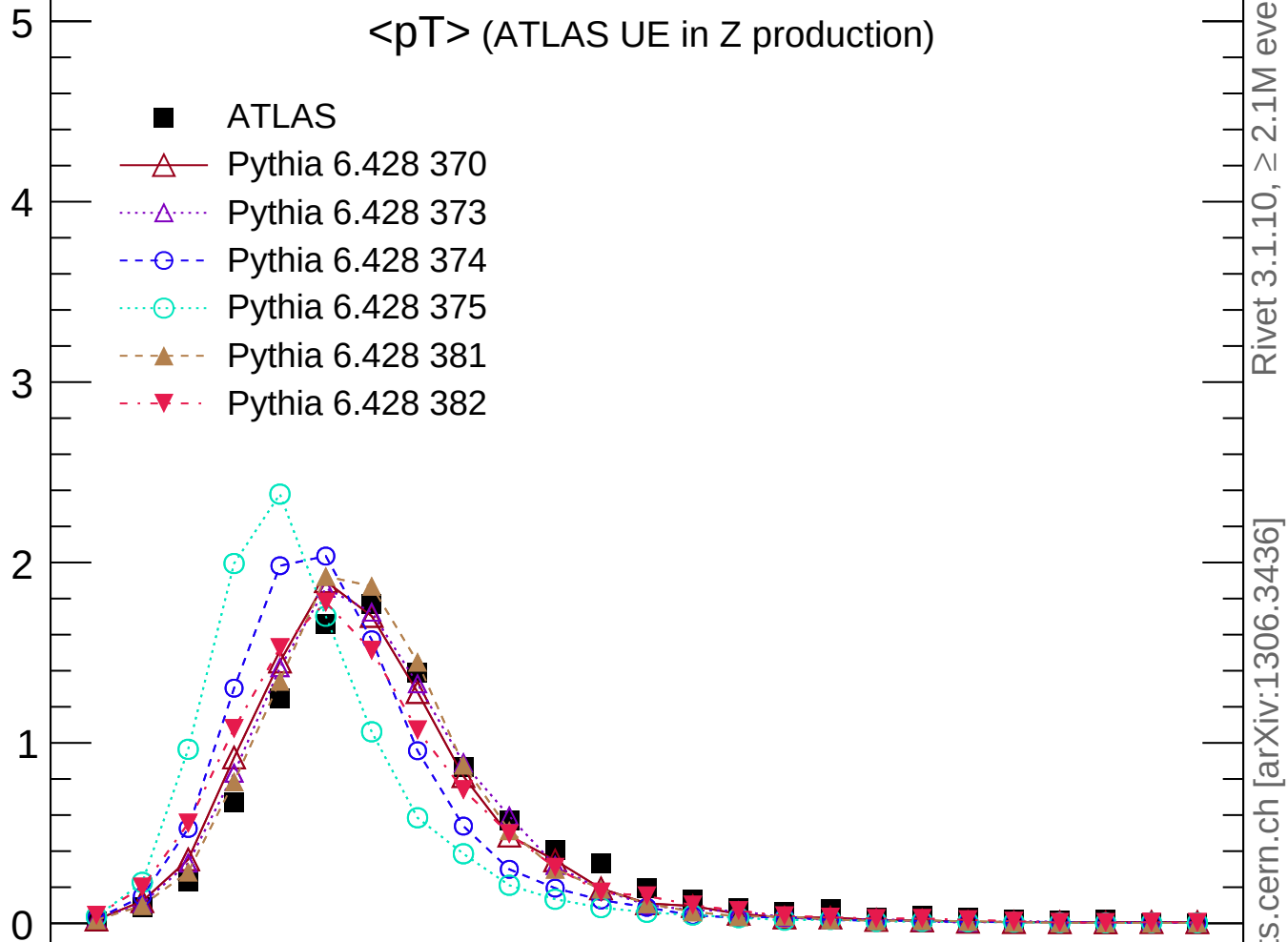
13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

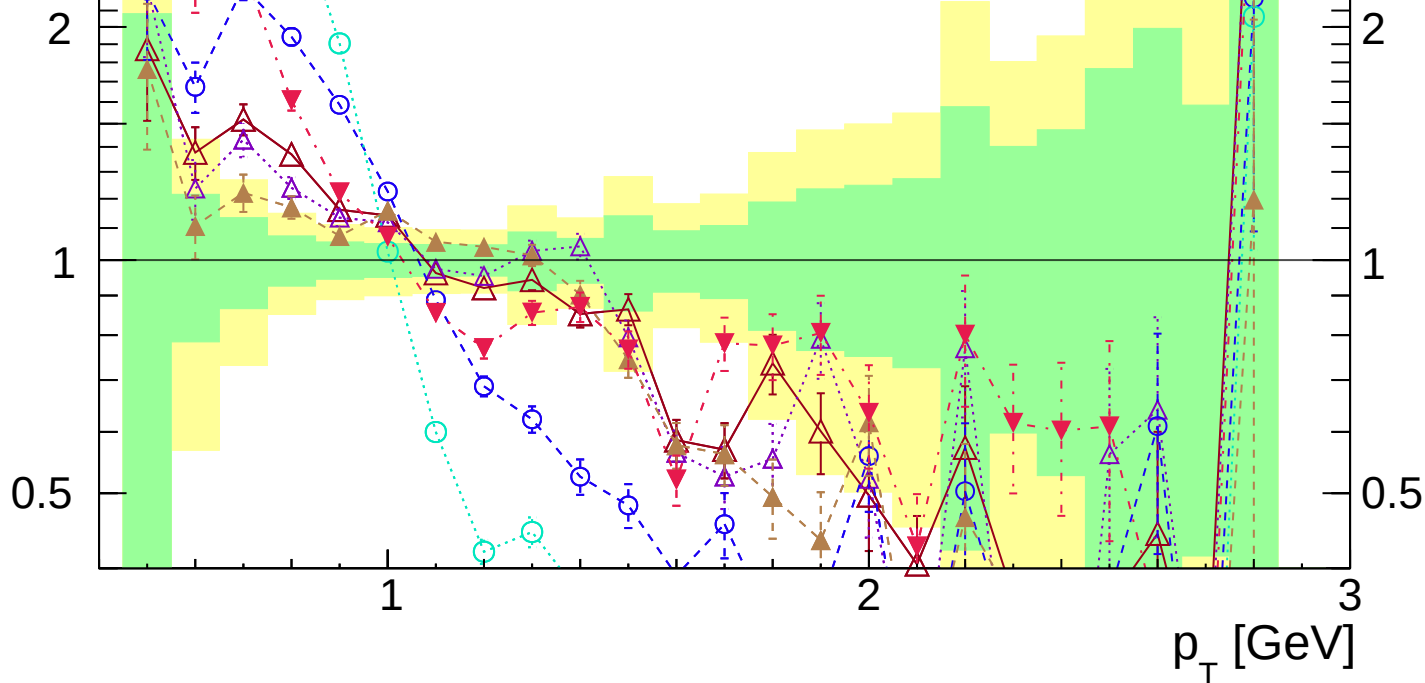
 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$

- ATLAS
- △ Pythia 6.428 370
- △ Pythia 6.428 373
- -○ Pythia 6.428 374
- Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382



ATLAS_2019_I1736531

Ratio to ATLAS



Rivet 3.1.10, ≥ 2.1M events

mcplots.cern.ch [arXiv:1306.3436]