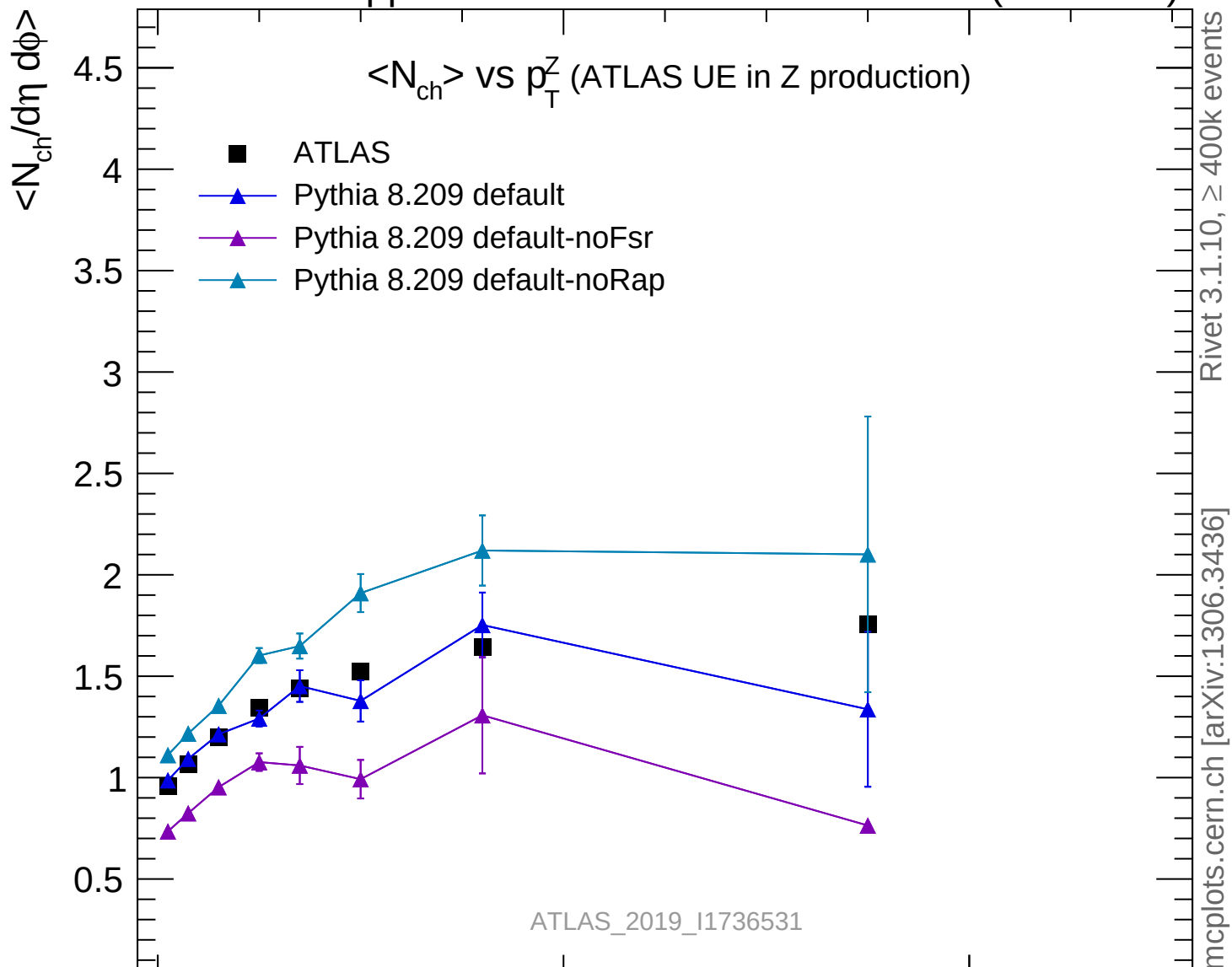


13000 GeV pp

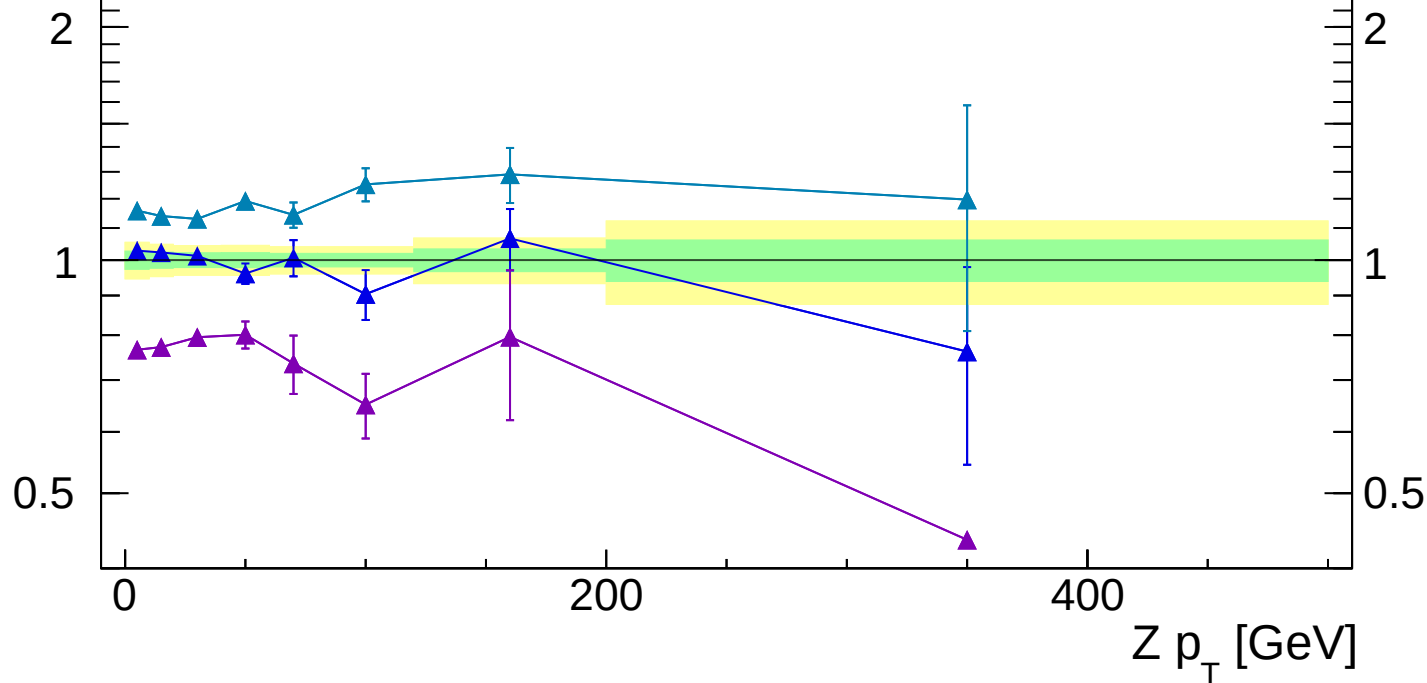
Z (Drell-Yan)

 $\langle N_{\text{ch}} \rangle$ vs p_{T}^Z (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.209 default
- ▲ Pythia 8.209 default-noFsr
- ▲ Pythia 8.209 default-noRap



Ratio to ATLAS



Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]