

Average  $p_T$  vs  $N_{ch}$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

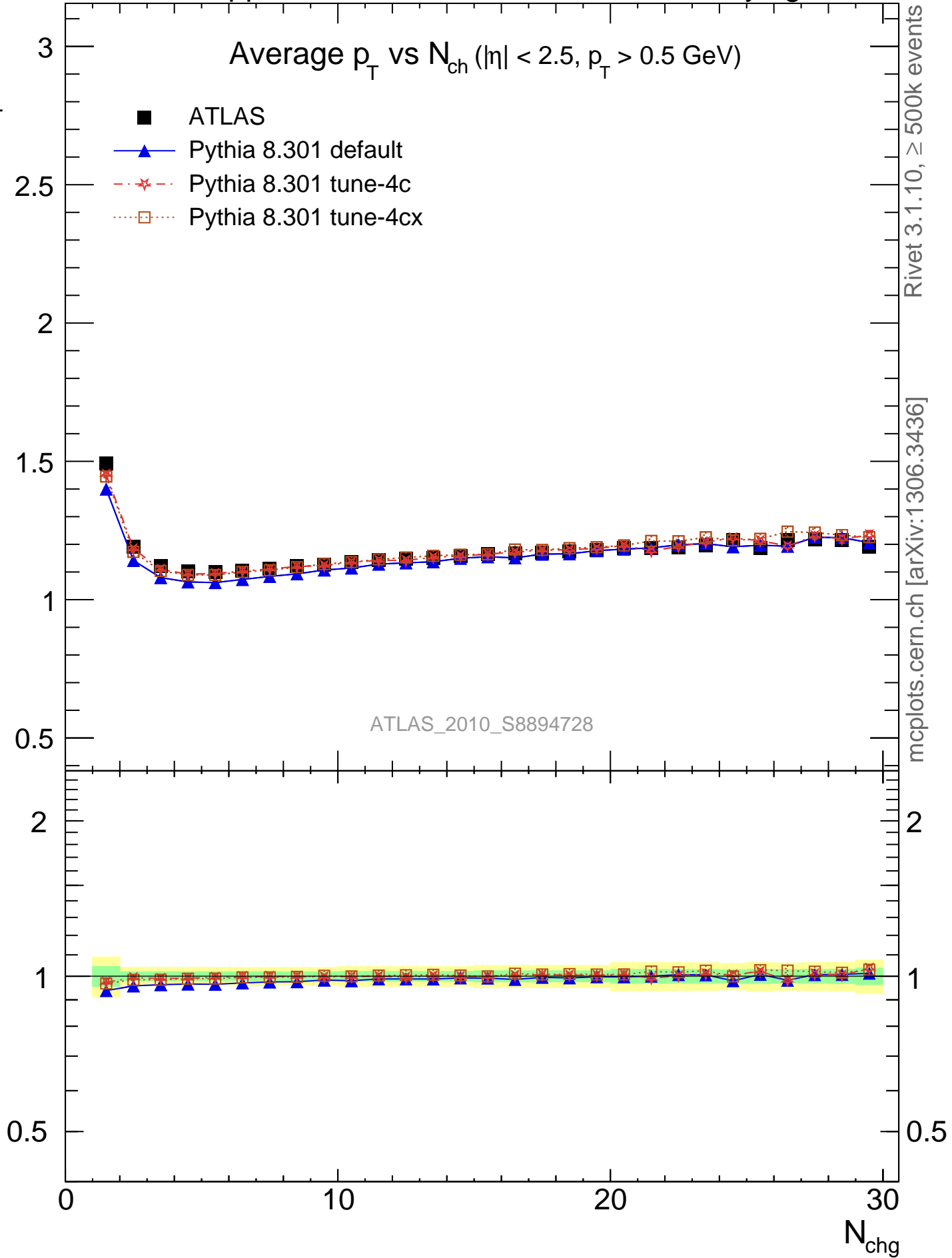
- ATLAS
- ▲ Pythia 8.301 default
- ✱ Pythia 8.301 tune-4c
- Pythia 8.301 tune-4cx

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

 $N_{chg}$