

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 2, p_T > 0.1$  GeV)

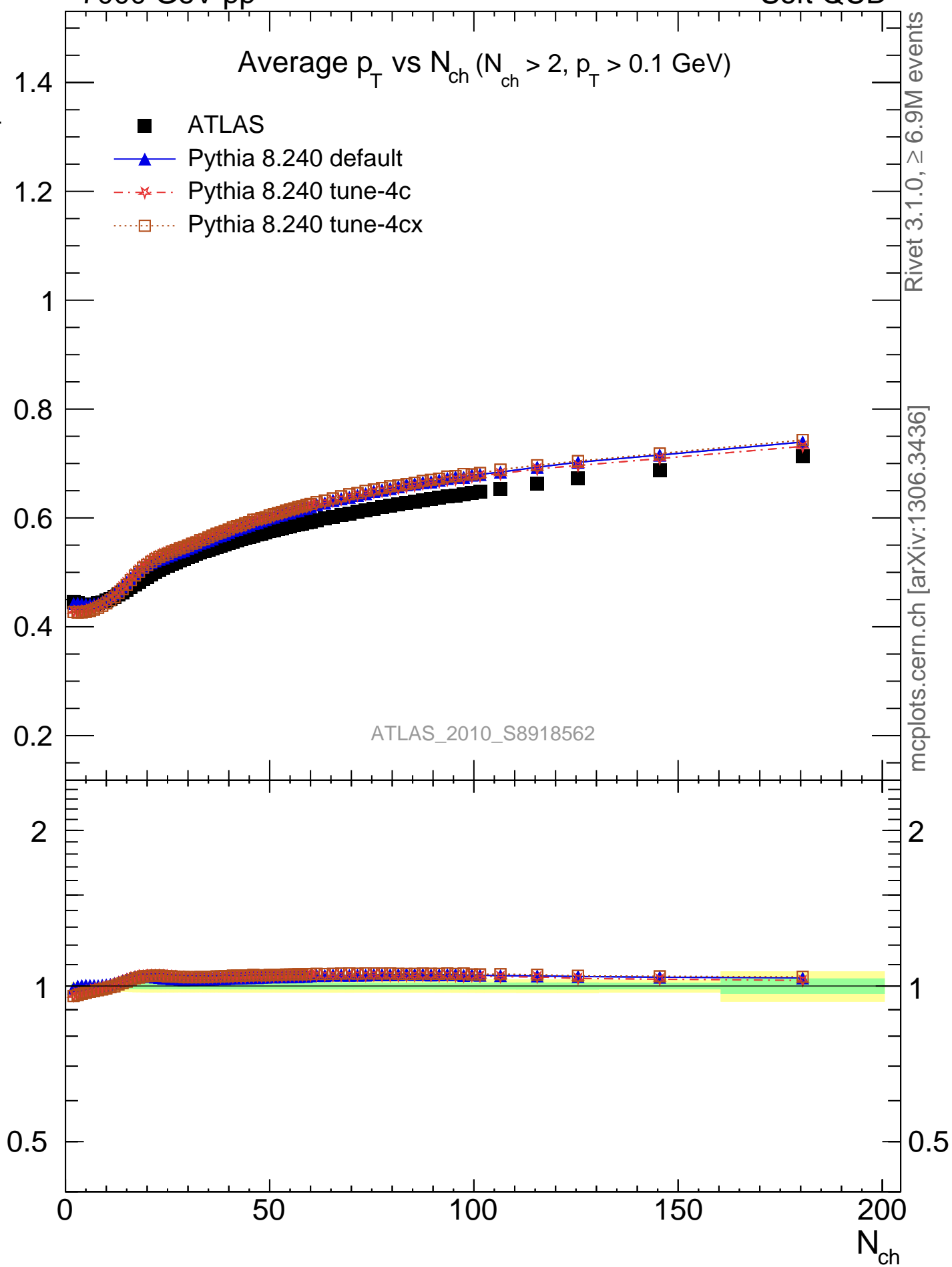
- ATLAS
- ▲ Pythia 8.240 default
- ✱ Pythia 8.240 tune-4c
- Pythia 8.240 tune-4cx

Rivet 3.1.0,  $\geq 6.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

 $N_{ch}$