

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.0 default
- ▲- Pythia 8.170 default
- ◆- Sherpa 1.3.1 default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

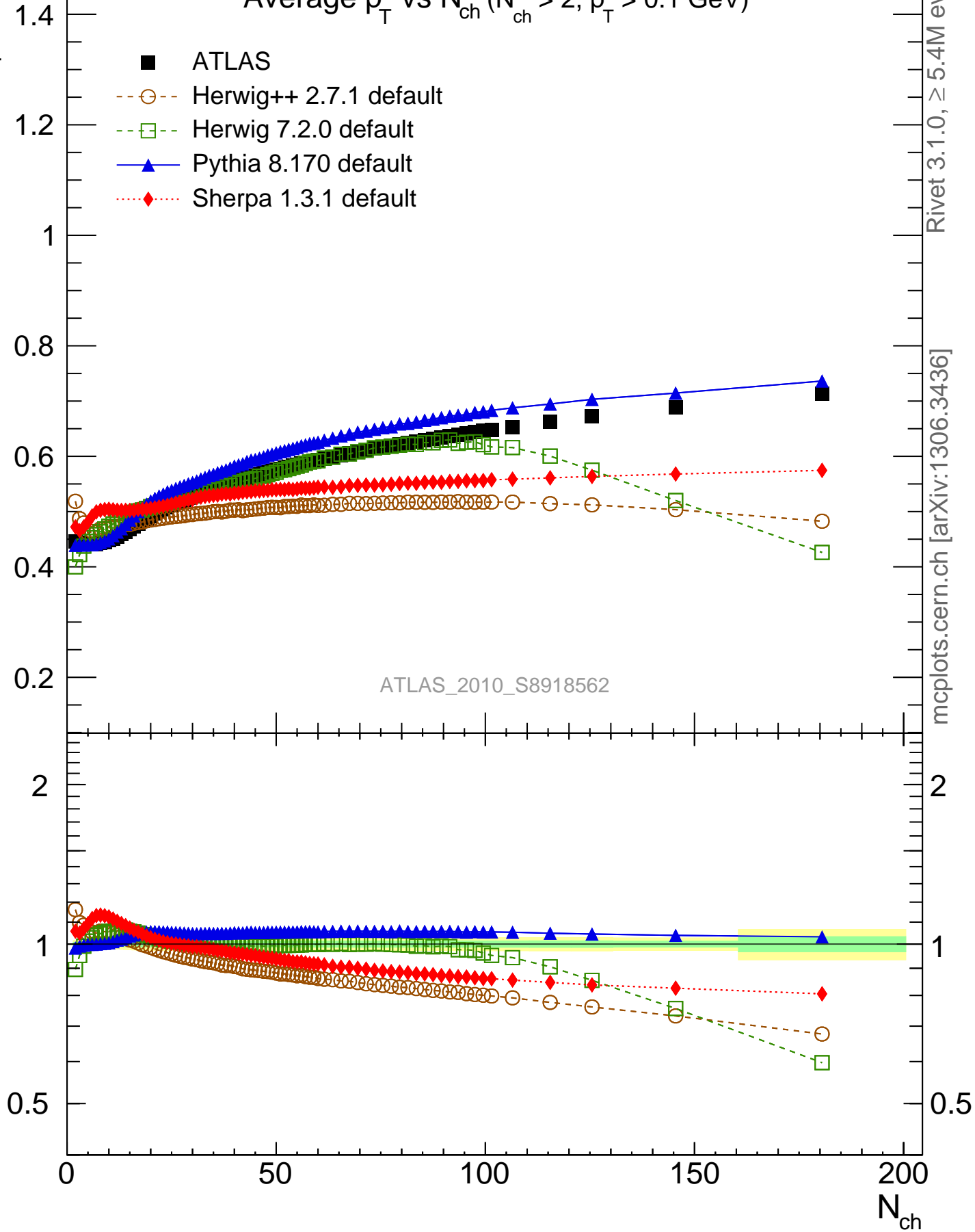
ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

 $N_{ch}$