

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 0, |\eta| < 2.5, p_T > 0.5$  GeV)

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

Rivet 3.1.0,  $\geq 6.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

2

2

mcplots.cern.ch [arXiv:1306.3436]

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 6.6$ M events

0.5

1

2

mcplots.cern.ch [arXiv:1306.3436]

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 6.6$ M events

Soft QCD

