

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 2.5$  GeV)

- ATLAS
- ▲ Pythia 8.308 default
- ✱ Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

Y-axis labels:  $\langle p_T \rangle$  [GeV] (left), Rivet 3.1.10,  $\geq 3.2$ M events (right), mcplots.cern.ch [arXiv:1306.3436] (right), ATLAS\_2010\_S8918562 (center), Ratio to ATLAS (left),  $N_{ch}$  (bottom)

