

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

- ATLAS
- Herwig 7.0.1 default
- ▲— Pythia 8.209 default
- ◆···· Sherpa 2.2.4 default

Rivet 3.1.0,  $\geq 7$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

