

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

- ATLAS
- Herwig 7.2.0 default
- ▲--- Pythia 8.209 default
- ◆--- Sherpa 1.4.1 default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

0.5

2

2

0.5

0

2

4

6

8

 $N_{ch}$ 