

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.5$  GeV)

- ATLAS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 1.4.0 default

Rivet 3.1.0,  $\geq 7.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

0

20

40

 $N_{ch}$ 