

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.1$  GeV)

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.165 default
- - ◆ Sherpa 2.2.6 default

Rivet 3.1.0,  $\geq 7.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

0.2

2

1

0.5

2

1

0.5

0

50

100

 $N_{ch}$  $\langle p_T \rangle$  [GeV]

1.2

1

0.8

0.6

0.4