

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

- ATLAS
- - □ Herwig 7.1.3 default
- - ▲ Pythia 8.165 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

0.5

2

0.2

0.4

0.6

0.8

1

1.2

0

50

100

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