

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 2, p_T > 0.1$  GeV)

- ATLAS
- - □ Herwig 7.1.3 default
- - ▲ Pythia 8.183 default
- - ◆ Sherpa 2.2.8 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

1

0

50

100

150

200

 $N_{ch}$ 