

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 0, |\eta| < 2.5, p_T > 0.5$  GeV)

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 2.2.8 default

Rivet 3.1.0,  $\geq 7.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

2

2

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 7.6$ M eventsRivet 3.1.0,  $\geq 7.6$ M eventsRivet 3.1.0,  $\geq 7.6$ M eventsRivet 3.1.0,  $\geq 7.6$ M eventsRivet 3.1.0,  $\geq 7.6$ M events