

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

- ATLAS
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 1.2.3 default

Rivet 3.1.0,  $\geq 6.8$ 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,  $\geq 6.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 6.8$ M eventsRivet 3.1.0,  $\geq 6.8$ M eventsRivet 3.1.0,  $\geq 6.8$ M eventsRivet 3.1.0,  $\geq 6.8$ M events $\langle p_T \rangle$  [GeV]

2.2

2.0

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

2

1

0.5

0

20

40

60

 $N_{ch}$ 