

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

2

2

mcplots.cern.ch [arXiv:1306.3436]

2

2

2

2

2

 $\langle p_T \rangle$  [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

$N_{ch}$

