

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.5$  GeV)

- ATLAS
- - - □ Pythia 6.423 default
- - - ▲ Pythia 8.301 default

Rivet 3.1.0,  $\geq 7.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

2

mcplots.cern.ch [arXiv:1306.3436]

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 7.2$ M events

0.5

1

2

mcplots.cern.ch [arXiv:1306.3436]

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 7.2$ M events $N_{ch}$ 

40

20

0

0.5

1

2

0.4

0.6

0.8

1.0

1.2

1.4

1.6

1.8

2

 $\langle p_T \rangle$  [GeV]