

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 2.5$  GeV)

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.165 default

Rivet 3.1.0,  $\geq 7.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

2

2

2

2

2

2

 $N_{ch}$ 

0.5

1

2

2

2

2

2

2

2

 $\langle p_T \rangle$  [GeV]

14

12

10

8

6

4

2

0

2

1

0.5

0

10

20

 $N_{ch}$