

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

- ATLAS
- ▲ Pythia 8.209 default
- -▲ Pythia 8.209 default-CD

Rivet 3.1.0,  $\geq 6.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

2

1

0.5

0.5

0.5

 $\langle p_T \rangle$  [GeV]

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

2

1

0.5

0

20

40

 $N_{ch}$ 