

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 0.1$  GeV)

- ATLAS
- ▲ Pythia 8.205 default
- ▲ Pythia 8.205 default-noCR

Rivet 3.1.0,  $\geq 6.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

2

1

0.5

100

 $N_{ch}$  $\langle p_T \rangle$  [GeV]

1.2

1

0.8

0.6

0.4

0.2

2

1

0.5

0

50

Ratio to ATLAS