

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

- ATLAS
- ▲ Pythia 8.210 default
- -▲ Pythia 8.210 default-CD
- -▲ Pythia 8.210 default-DL
- ⋯▲ Pythia 8.210 default-MBR

Rivet 3.1.0,  $\geq 6.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

14  
12  
10  
8  
6  
4  
2  
0

2  
1  
0.5

0 10 20

$N_{ch}$

2

1

0.5

 $N_{ch}$