

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 0, |\eta| < 2.5, p_T > 0.5$  GeV)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.209 default

Rivet 3.1.0,  $\geq 7.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

2

1

0.5

2

1

0.5

2

1

0.5

 $\langle p_T \rangle$  [GeV]2.2  
2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
2  
1  
0.5

0

20

40

60  
 $N_{ch}$ 