

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

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.170 default
- ◆ Sherpa 2.1.0 default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

9  
8  
7  
6  
5  
4  
3  
2  
2  
2  
1  
1  
0.5  
0

0 2 4 6 8

$N_{ch}$

2

1

0.5

 $N_{ch}$