

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

- ATLAS
- Herwig++ 2.5.1 default
- Herwig 7.2.0 default

$\langle p_T \rangle$  [GeV]  
 8  
 7  
 6  
 5  
 4  
 3  
 2  
 2  
 1  
 0.5

Rivet 3.1.0,  $\geq 5.5$ M events  
 mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

 $N_{ch}$ 