

900 GeV pp

Soft QCD

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

- ATLAS
- - □ Herwig 7.2.0 default
- ⋯ ◆ Sherpa 1.3.0 default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

2

1

0.5

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

Ratio to ATLAS

0

2

4

6

8

 $N_{ch}$ 