

900 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.6.1a default
- Herwig 7.2.0 default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

0.5

2

2

1

1

0.5

0

2

4

6

8

 $N_{ch}$ 

8

7

6

5

4

3

2