

900 GeV pp

Soft QCD

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

- ATLAS
- Herwig++ 2.5.1 default
- Herwig 7.2.1 default
- ▼- Herwig 7.2.1 softTune

 $\langle p_T \rangle$  [GeV]Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

 $N_{ch}$ 