

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 2, p_T > 0.1$ GeV) $\langle p_T \rangle$ [GeV]

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.183 default
- - ◆ Sherpa 2.2.9 default

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} 