

7000 GeV pp

Soft QCD

Average p_T vs N_{ch} ($N_{ch} > 2$, $p_T > 0.1$ GeV)

- ATLAS
- Herwig 7.2.1 default
- △-- Pythia 6.428 370
- ▲-- Pythia 8.170 default
- ...◆... Sherpa 1.3.1 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 N_{ch} 