

7000 GeV pp

Underlying Event

Average  $p_T$  vs  $N_{ch} (|\eta| < 2.5, p_T > 0.5 \text{ GeV})$ 

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- ...◆... Sherpa 1.3.1 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

