

13000 GeV pp

Underlying Event

Average p_T vs N_{ch} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 1$ GeV)

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.308 default
- ...◆... Sherpa 1.4.2 default

Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2

1

0.5

 N_{ch} (Towards) $\langle \text{mean } p_T \rangle [\text{GeV}]$

3

2.5

2

1.5

1

0.5

2

1

0.5

0

10

20