

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($|\eta| < 2.5$, $p_{\text{T}} > 0.1$ GeV)

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.212 default
- ◆···· Sherpa 2.2.9 default

5

4

3

2

1

0

ATLAS_2010_S8894728

Rivet 3.1.10, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 p_{T} (leading track) [GeV]