

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 8.201 default
- ◆··· Sherpa 2.2.9 default

7
6
5
4
3
2
1
0Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2
1
0.52
1
0.5

0 5 10 15 20

