

13000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 1$ GeV)

- ATLAS
- - □ Herwig 7.2.1 default
- - ♦ Sherpa 2.2.9 default

2.5

2

1.5

1

0.5

0

(ATLAS_2017_I1509919)

Rivet 4.1.0, ≥ 2.2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

0.5

0.5

0

10

20

30