

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 3$ GeV)

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

2.5

2

1.5

1

0.5

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

3

