

900 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 2$ GeV)

- ATLAS
- ▲ Pythia 8.315 default
- - ▼ Pythia 8.315 vincia-default

Rivet 4.1.0, ≥ 1.8 M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

1.2
1
0.8
0.6
0.4
0.2
0

2
1
0.5

0 1 2 3

0 1 2 3