

200 GeV pp

Underlying Event

Away region charged particle density

- STAR
—▲— Pythia 8.135 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(STAR_2009_UE_HELEN)

 $\langle N_{\text{ch}} \rangle / \{\text{jet area}\}$

Ratio to STAR

2
1
0.52
1
0.5 $p_{\text{T}}(\{\text{leading jet}\}) / \text{GeV}$ 