

200 GeV pp

Underlying Event

Away region charged particle density

■ STAR
— Pythia 8.307 pptherm

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(STAR_2009_UE_HELEN)

Ratio to STAR

2

1

0.5

10

20

30

40

 $p_{\text{T}}(\{\text{leading jet}\}) / \text{GeV}$ 