

200 GeV pp

Underlying Event

Away region charged particle density

■ STAR
— Pythia 8.307 eetherm

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

0.5

1

2

3

4

5

6

7

8

9

10

20

30

40

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