

200 GeV pp

Underlying Event

Away region charged particle density

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

■ STAR
— Pythia 8.313 CP5

8
7
6
5
4
3
2
1
0Rivet 4.1.0, 100k events
mcplots.cern.ch [arXiv:2401.10621]

(STAR_2009_UE_HELEN)

Ratio to STAR

2
1
0.52
1
0.5

10

20

30

40

 $p_T(\{\text{leading jet}\}) / \text{GeV}$ 