

200 GeV pp

Underlying Event

Average Charged Particle Density(AWAY)

■ STAR
▲ Pythia 8.108.p1 default

Rivet 3.1.0, 7.6M events

mcplots.cern.ch [arXiv:1306.3436]

(STAR_2009_UE_HELEN)

2

1

0.5

0.5

2

1

0.5

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

10

8

6

4

2

0

Ratio to STAR

0.5

10

20

30

40

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