

900 GeV pp

Underlying Event

Transverse charged multiplicity,  $p_T^{\text{jet } 1} > \{3 \text{ GeV}\}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

■ CMS

— Pythia 8.307 ppthermNoScat

(CMS\_2011\_I916908)

Rivet 4.1.0, 800k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

0

5

10

15