

900 GeV pp

Underlying Event

Transverse charged multiplicity, $p_T^{\text{jet } 1} > \{3 \text{ GeV}\}$, $\sqrt{s} = \{900 \text{ GeV}\}$ 10^{-1} 10^{-2} 10^{-3}

- CMS
- ▲ Pythia 8.315 default
- *- Pythia 8.315 tune-4c
- ...□ Pythia 8.315 tune-4cx

(CMS_2011_I916908)

Rivet 4.1.0, $\geq 2.3\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

5

10

15