

2760 GeV pp

Underlying Event

CMS, TransDIF N_{ch} density, $\sqrt{s} = \{2760 \text{ GeV}\}$

- CMS
- ▲ Pythia 8.235 default
- Pythia 8.235 tune-A14-CTEQL1
- - - Pythia 8.235 tune-A14-MSTW2008LO
- ⋯ Pythia 8.235 tune-A14-NNPDF2.3LO
- - △ Pythia 8.235 tune-CUETP8S1

 $\# \langle N \rangle / [\Delta \eta \Delta(\Delta \phi)]$

8

6

4

2

0

(CMS_2015_I1385107)

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

 p_{T} (leading track-jet) [GeV]

0

50

100