

2760 GeV pp

Underlying Event

Average Charged Particle Density (TRNSMAX) ($|\eta_j| < 2.0, |\eta| < 2.0, p_T > 0.5$) $\langle N \rangle / [\Delta\eta\Delta(\Delta\phi)]$

- CMS
- △ Pythia 6.428 370
- - □ Pythia 6.428 391
- - ■ Pythia 6.428 default
- ▲ Pythia 8.301 default

5

4

3

2

1

0

CMS_2015_I1385107

Rivet 3.1.0, $\geq 7.6M$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

50

100

 p_T (leading track-jet) [GeV]