

2760 GeV pp

Underlying Event

Average $\Sigma(p_T)$ vs p_T^{lead} ($|\eta_j| < 2.0$, $|\eta_l| < 2.0$, $p_T > 0.5$)

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- - ☆ - - Pythia 6.428 pro-q2o

Rivet 3.1.10, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS 2015-11385107

Ratio to CMS

2

1

0.5

 p_T (leading track-jet) [GeV] $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$ [GeV]

12

10

8

6

4

2

0

2

1

0.5

0

50

100