

2760 GeV pp

Underlying Event

Sum(p_T) Density (TRNS) ($|\eta_j| < 2.0, |\eta_l| < 2.0, p_T > 0.5$)

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.301 default

Rivet 3.1.0, ≥ 7.6 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2015_I1385107

2

0.5

100

 $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$ [GeV]3
2.5
2
1.5
1
0.5
0

Ratio to CMS

2
1
0.5 p_T (leading track-jet) [GeV]

0

50