

2760 GeV pp

Underlying Event

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

- CMS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.165 default
- - ◆ Sherpa 1.4.3 default

Rivet 3.1.0,  $\geq 5.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1385107

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

2

1

0.5

Ratio to CMS

 $p_T$  (leading track-jet) [GeV]

0

1

2

3

4

5

0

50

100