

2760 GeV pp

Underlying Event

Average  $\Sigma(p_T)$  vs  $p_T^{\text{lead}}$  ( $|\eta_j| < 2.0$ ,  $|\eta_l| < 2.0$ ,  $p_T > 0.5$ ) $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 1.4.5 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_11385107

Ratio to CMS

2

1

0.5

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