

2760 GeV pp

Underlying Event

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

- CMS
- - □ Herwig 7.0.3 default
- - ▲ Pythia 8.186 default
- - ◆ Sherpa 1.4.2 default

Rivet 3.1.0,  $\geq 7.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1385107

2

1

0.5

100

 $p_T$  (leading track-jet) [GeV] $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]2.5  
2.0  
1.5  
1.0  
0.5  
0

Ratio to CMS

2  
1  
0.5

0

50