

2760 GeV pp

Underlying Event

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

- CMS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.165 default
- - ◆ Sherpa 1.4.2 default

Rivet 3.1.0,  $\geq 7.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1385107

 $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]5  
4  
3  
2  
1  
0

Ratio to CMS

2  
1  
0.52  
1  
0.50 50 100  
 $p_T$  (leading track-jet) [GeV]