

2760 GeV pp

Underlying Event

Average  $\Sigma(p_T)$  vs  $p_T^{\text{lead}}$  ( $|\eta_j| < 2.0$ ,  $|\eta_l| < 2.0$ ,  $p_T > 0.5$ )

- CMS  
—▲ Pythia 8.209 default

 $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]4  
3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0Rivet 3.1.10, 500k events  
mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1385107

Ratio to CMS

2  
1  
0.52  
1  
0.5 $p_T$  (leading track-jet) [GeV]

0

50

100