

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

- CMS
- - □ Herwig 7.0.0 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 1.3.0 default

Rivet 3.1.0,  $\geq 7$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1385107

2

0.5

100

 $p_T$  (leading track-jet) [GeV] $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]3  
2.5  
2  
1.5  
1  
0.5  
0

Ratio to CMS

2  
1  
0.5