

2760 GeV pp

Underlying Event

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

- CMS
- Pythia 6.423 p0
- Pythia 6.423 p2010

 $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0Rivet 3.1.0,  $\geq 7.4$ M 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