

7000 GeV pp

Underlying Event

Sum( $p_T$ ) Density (TRNS) (NSD)

- CMS
- - ■ Pythia 6.423 default

 $\langle d^2 \text{sum}(p_T) / d\eta d\phi \rangle$  [GeV]7  
6  
5  
4  
3  
2  
1  
0Rivet 3.1.0, 7.1M events  
mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S9120041

Ratio to CMS

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