

7000 GeV pp

Underlying Event

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

- CMS
- ◆ Sherpa 2.1.1 default

 $\langle d^2 \text{sum}(p_T) / d\eta d\phi \rangle$  [GeV]

Rivet 3.1.0, 7.5M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S9120041

Ratio to CMS

2

1

0.5

 $p_T$  (leading track-jet) [GeV]