

7000 GeV pp

Underlying Event

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

- CMS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0, $\geq 6.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S9120041

Ratio to CMS

2

1

0.5

 p_T (leading track-jet) [GeV]

10

8

6

4

2

0

2

1

0.5

