

7000 GeV pp

Underlying Event

Sum(p_T) Density (TRNS) (NSD)

- CMS
- - □ Herwig 7.1.1 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.3.0 default

Rivet 3.1.0, $\geq 6.8M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S9120041

 $\langle d^2 \text{sum}(p_T) / d\eta d\phi \rangle$ [GeV]10
8
6
4
2
02
1
0.5

0

50

100

 p_T (leading track-jet) [GeV]

Ratio to CMS