

7000 GeV pp

Underlying Event

Average Charged Particle Density(TRNS) (NSD)

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

 $\langle d^2 N/d\eta d\phi \rangle$ 7
6
5
4
3
2
1
0

CMS_2011_S9120041

Rivet 3.1.0, $\geq 6.8M$ events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

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