

2760 GeV pp

Underlying Event

Sum(p_T) Density (TRNS) ($|\eta_j| < 2.0$, $|\eta_l| < 2.0$, $p_T > 0.5$)

- CMS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.180 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0, $\geq 7.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2015_I1385107

2

1

0.5

 $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$ [GeV]3
2.5
2
1.5
1
0.5
0

Ratio to CMS

2
1
0.5

0

50

100

 p_T (leading track-jet) [GeV]