

2760 GeV pp

Underlying Event

CMS, Transverse  $N_{\text{ch}}$  density,  $\sqrt{s} = \{2760 \text{ GeV}\}$ 

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $\# \langle N \rangle / [\Delta \eta \Delta(\Delta \phi)]$ 2.5  
2  
1.5  
1  
0.5  
0Rivet 4.1.0,  $\geq 100\text{k}$  events  
mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2015\_I1385107)

Ratio to CMS

2  
1  
0.52  
1  
0.5 $p_{\text{T}}$  (leading track-jet) [GeV]

0 50 100