

900 GeV pp

NSD

Charged multiplicity(NSD,  $|\eta| < 2.0$ ) $P_n$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ 

CMS



Pythia 8.308 default

CMS\_2011\_S8884919

Ratio to CMS

2

1

0.5

Rivet 3.1.10, 2.8M events  
mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $n$ 