

900 GeV pp

NSD

 $P_n$ Charged multiplicity(cms2011- $\eta$ -all)

1

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

CMS



Herwig 7.1.6 default



Pythia 8.170 default

CMS\_2011\_S8884919

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

 $n$ 

0

10

20

30

40