

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 8.308 default

CMS\_2011\_S8884919

Rivet 3.1.10,  $\geq 600k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

10

20

30

40

$n$

