

7000 GeV pp

NSD

Charged multiplicity (NSD,  $|\eta| < 0.5$ )

$P_n$

10

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

$10^{-7}$

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

- CMS
- - □ - - Herwig 7.1.6 default
- ▲ — Pythia 8.308 default

CMS\_2011\_S8884919

Ratio to CMS

2

1

0.5

2

1

0.5

0 20 40 n

