

7000 GeV pp

NSD

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

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$  $10^{-7}$ 

■ CMS

—▲ Pythia 8.176 default

CMS\_2011\_S8884919

Rivet 3.1.0, 7.5M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

 $n$ 

0

50

100