

7000 GeV pp

NSD

 P_n Charged hadron multiplicity, $p_T > 500$ {GeV}, $|\eta| < 2.4$, $\sqrt{s} = 7$ {TeV} 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6} 

CMS



Pythia 8.201 default



Pythia 8.201 default-noFsr



Pythia 8.201 default-noRap

(CMS_2011_I879315)

Ratio to CMS

2

1

0.5

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 n

0

50

100