

7000 GeV pp

NSD

 P_n Charged hadron multiplicity, $|\eta| < 2.4$, $\sqrt{s} = 7$ {TeV}

1

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

CMS



Pythia 6.425 default



Pythia 6.425 pro-q2o

(CMS_2011_I879315)

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

 n

0

50

100

150