

2360 GeV pp

NSD

 P_n Charged hadron multiplicity, $p_T > 500$ {GeV}, $|\eta| < 2.4$, $\sqrt{s} = 2.36$ {TeV}

1

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

■ CMS

-○- Pythia 6.428 345

-□- Pythia 6.428 346

-△- Pythia 6.428 370

-■- Pythia 6.428 default

-▲- Pythia 8.186 default

(CMS_2011_I879315)

Ratio to CMS

2

1

0.5

Rivet 4.1.0, ≥ 400k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

n

0

20

40

60