

900 GeV pp

NSD

P_n

Charged hadron multiplicity, $p_T > 500$ {GeV}, $|\eta| < 2.4$, $\sqrt{s} = 0.9$ {TeV}

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

- CMS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ Pythia 8.315 tune-CUETP8S1

(CMS_2011_I879315)

Ratio to CMS

2
1
0.5

Rivet 4.1.0, ≥ 2.4 M events
mcplots.cern.ch [arXiv:2401.10621]

2

0.5

n

