

13000 GeV pp

Soft QCD

Average ratio of $\Sigma_c^{0,+,++}$ and D^0 $\Sigma_c^{0,+,++}/D^0$

1

 10^{-1} 10^{-2}

- ALICE
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQ1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - - Δ Pythia 8.315 tune-CUETP8S1

(ALICE_2022_I1868463)

Rivet 4.1.0, ≥ 2.4 M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ALICE

2

1

0.5

2

1

0.5

 p_T [GeV]