

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

Epos 1.99.cmc.1.6.0 lhc

Pythia 6.428 370

Pythia 8.315 default

(ALICE_2022_I1868463)

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ALICE

2

1

0.5

2

1

0.5

 p_T [GeV]

5

10

