

7000 GeV pp

Soft QCD

Ratio of $D_s^+ \rightarrow D^0$ meson yield ($|y| < 0.5$).

■ ALICE

— Pythia 8.315 qcdcr0qq1

 $\sigma(D_s^+)/\sigma(D^0)$

0.6

0.5

0.4

0.3

0.2

0.1

0

(ALICE_2017_I1511870)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ALICE

2

1

0.5

2

1

0.5

 p_T [GeV]

5

10