

7000 GeV pp

Soft QCD

Prompt D^+ + c.c. $d\sigma / dp_T$ for rapidity interval $2.0 < y < 2.5$

- LHCb
- ⋈ Epos 1.99.crmc.1.2 default
- ⋈ Epos 1.99.crmc.1.2 lhc
- ▲ Pythia 8.315 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCb

0.5

2

1

10

 10^2 10^3 p_T [GeV]

0.5

2

1