

7000 GeV pp

Soft QCD

Prompt D_s^+ + c.c. $d\sigma / dp_T$ for rapidity interval $3.5 < y < 4.0$

■ LHCb
— Pythia 8.307 eetherm

 $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV})$] 10^2

10

1

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCb

2

1

0.5

2

1

0.5

 p_T [GeV]