

7000 GeV pp

Soft QCD

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

■ LHCb

— Pythia 8.313 qcdcr0qq1

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

10

1

(LHCb_2013_I1218996)

Ratio to LHCb

2

1

0.5

 p_T [GeV]

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5