

7000 GeV pp

Soft QCD

Prompt D^+ + c.c. $d\sigma / dp_T$ for rapidity interval $4.0 < y < 4.5$

- LHCb
- ▲ Pythia 8.165 default
- ◆ Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

0.5

2

1

10²

10

1

0

2

4

6

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