

7000 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.315 default
- ◆ Sherpa 1.3.1 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

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

2

1

0.5

 $p_T [\text{GeV}]$

0

2

4

6