

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig 7.2.0 default
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

0.5

1

2

 10^{-1}

1

10

 10^2 p_T [GeV]

0.5

2

 10^{-1}

1

10

 10^2