

7000 GeV pp

Soft QCD

Prompt D^{ast} (2010) $^+$ + c.c. $d\sigma / dp_T$ for rapidity interval $4 < y < 4.5$

- LHCb
- - □ Herwig 7.2.1 default
- - ◆ Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCb

0.5

2

2

1

0.5

 p_T [GeV]

0

2

4