

7000 GeV pp

Soft QCD

Prompt D^{ast} (2010)⁺ + c.c. $d\sigma / dp_T$ for rapidity interval $2 < y < 2.5$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

- LHCb
- Herwig++ 2.7.1 default
- ▲- Pythia 8.315 default

(LHCb_2013_I1218996)

Ratio to LHCb

 10^{-1}

2

1

0.5

2

1

0.5

 p_T [GeV]