

7000 GeV pp

Soft QCD

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

- LHCb
- △— Pythia 6.427 370
- - -■- - Pythia 6.427 default
- ▲— Pythia 8.315 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_11218996)

Ratio to LHCb

 p_T [GeV]