

7000 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.186 default
- ▲ Pythia 8.186 default-noFsr
- ▲ Pythia 8.186 default-noRap

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1218996)

Ratio to LHCb

 p_T [GeV]