

Prompt D^{ast} (2010)⁺ + c.c. $d\sigma / dp_T$ for rapidity interval $2 < y < 2.5$

- LHCb
- △— Pythia 6.427 370
- - -■- - - Pythia 6.427 default
- ...☆... Pythia 6.427 pro-q2o

 $d\sigma / dp_T$ [$\mu\text{b}/(\text{GeV})$] 10^2

10

1

(LHCb_2013_I1218996)

Rivet 4.1.0, $\geq 100\text{kevents}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to LHCb

2

1

0.5

2

1

0.5

 p_T [GeV]

4

6

8