7000 GeV pp

Soft QCD

Prompt $D^{ast}(2010)^+$ + c.c. $d\sigma / dp_T$ for rapidity interval $3 < y < 3.5$

$d\sigma / dp_T$ [μb]/(GeV)

■ LHCB
Epos 1.99.crmc.1.6.0 default
Epos 1.99.crmc.1.6.0 lhc
▲ Pythia 8.315 default

(LHCB_2013_I1218996)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to LHCB

p_T [GeV]