7000 GeV pp — Soft QCD

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

- LHCB
- Pythia 8.315 default
- Pythia 8.315 default-CD
- Pythia 8.315 default-DL
- Pythia 8.315 default-MBR

$d\sigma / dp_T$ [μ{b}/(GeV)]

(LHCB_2013_I1218996)

Ratio to LHCB

p_T [GeV]

Rivet 4.1.0, $\geq$ 100k events

mcplots.cern.ch [arXiv:2401.10621]