

7000 GeV pp

Soft QCD

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

- LHCB
- △ Pythia 6.427 370
- Pythia 6.427 default
- ▲ Pythia 8.244 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCB\_2013\_I1218996)

Ratio to LHCB

