

7000 GeV pp

Soft QCD

 $\bar{\Lambda}/K_s^0$ ratio at $\sqrt{s}=7$ TeV ($0.15 < p_T < 2.50$ GeV)

- LHCb
- ▲ Pythia 8.235 default
- - * Pythia 8.235 tune-4c
- - □ Pythia 8.235 tune-4cx

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2011_I917009)

Ratio to LHCb

2

2

1

1

0.5

0.5

Rapidity loss (Δy)

5

6