

13000 GeV pp

Soft QCD

 $p_T(\Lambda_c^+) \text{ (ALICE } \Sigma_c \text{ and } \Lambda_c)$

- ALICE
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

 $\Lambda_c^+ (\leftarrow \Sigma_c^{0,+,++}) \sigma$ 10^2
 10
 1
 10^{-1} Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2022_I1868463

Ratio to ALICE

 2
 1
 0.5 2
 1
 0.5 $p_T \text{ [GeV]}$

5

10

