

13000 GeV pp

Soft QCD

 $p_T(\Lambda_c^+) \text{ (ALICE } \Sigma c \text{ and } \Lambda c)$

- ALICE
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.308 default

 $\Lambda_c^+ (\leftarrow \Sigma_c^{0,+,++}) \sigma$ Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2022_I1868463

Ratio to ALICE

2

1

0.5

 $p_T \text{ [GeV]}$ 