

13000 GeV pp

Soft QCD

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

- ALICE
- - - ■ Pythia 6.425 default
- - - ▲ Pythia 8.308 default

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

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2022\_I1868463

Ratio to ALICE

2

1

0.5

 $p_T \text{ [GeV]}$ 