

13000 GeV pp

Soft QCD

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

- ALICE
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370

 $\Lambda_c^+ (\leftarrow \Sigma_c^{0,+,++}) \sigma$ 10^2
 10
 1
 10^{-1}
 10^{-2} Rivet 3.1.10, ≥ 2.7 M events
mcplots.cern.ch [arXiv:1306.3436]

ALICE_2022_I1868463

Ratio to ALICE

2
1
0.52
1
0.5 $p_T \text{ [GeV]}$

5

10

