

13000 GeV pp

Soft QCD

 Λ_c^+ from $\Sigma c^{0,+,++}/\Lambda c^+$ vs p_T (ALICE Σc and Λc)

- ALICE
- △— Pythia 6.427 370
- - -■- - - Pythia 6.427 default
- ▲— Pythia 8.308 default

 $\Lambda_c^+(\leftarrow \Sigma c^{0,+,++})/\Lambda_c^+$ 1.2
1.0
0.8
0.6
0.4
0.2
0Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2022_I1868463

Ratio to ALICE

2
1
0.52
1
0.5 p_T [GeV]

5

10

