

13000 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.180 default
- Pythia 8.180 tune-4cx

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2022_I1868463

 $\Lambda_c^+ (\leftarrow \Sigma_c^{0,+,++}) \sigma$

Ratio to ALICE

 $p_T \text{ [GeV]}$ 