

13000 GeV pp

Soft QCD

 $p_T(\Lambda_c^+)$  (ALICE  $\Sigma_c$  and  $\Lambda_c$ )

- ALICE
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $\Lambda_c^+(\rightarrow \Sigma_c^{0,+,++}) \sigma$  $10^2$ 

10

1

 $10^{-1}$ 

ALICE\_2022\_I1868463

Rivet 3.1.10,  $\geq 2.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

2

1

0.5

2

1

0.5

 $p_T$  [GeV]

5

10