

13000 GeV pp

Soft QCD

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

- ALICE
- ◆ Sherpa 2.2.9 default

 $\Lambda_c^+$  (leftarrow  $\Sigma_c^{0,+,\pm\pm}$ )  $\sigma$  $10^2$   
 $10$   
 $1$   
 $10^{-1}$ 

Rivet 3.1.10, 3.6M events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2022\_11868463

Ratio to ALICE

2  
1  
0.52  
1  
0.5

5

10

 $p_T$  [GeV]