

13000 GeV pp

Soft QCD

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

- ALICE
- Pythia 6.427 350
- △— Pythia 6.427 370
- Pythia 6.427 p0
- - □ - - Pythia 6.427 p2010

 $\Lambda_c^+ (\leftarrow \Sigma c^{0,+,,++}) / \Lambda_c^+$ 1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

ALICE\_2022\_l1868463

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

2  
1  
0.52  
1  
0.5 $p_T$  [GeV]

5

10

