

13000 GeV pp

Soft QCD

Differential  $\Sigma_c$  production cross section vs  $p_T$ 

- ALICE
- ⋈ Epos 1.99.crnc.1.6.0 default
- ⋈ Epos 1.99.crnc.1.6.0 lhc
- ▲ Pythia 8.244 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE\_2022\_I1868463)

Ratio to ALICE

2

1

0.5

 $p_T$  [GeV]