

13000 GeV pp

Soft QCD

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

- ALICE
- ▲ Pythia 8.165 default
- - □ Pythia 8.165 tune-4cx

Rivet 4.1.0,  $\geq 200k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ALICE\_2022\_I1868463)

Ratio to ALICE

2

1

0.5

 $p_T$  [GeV]