

13000 GeV pp

Soft QCD

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

- ALICE
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ◇- Sherpa 1.2.2p default

Rivet 4.1.0,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE\_2022\_I1868463)

Ratio to ALICE

2

1

0.5

 $p_T$  [GeV]