

7000 GeV pp

Soft QCD

 $p_T(D^{*+})$  (ALICE D-meson production) $\frac{d\sigma}{dp_T}$  [ $\mu\text{b}/\text{GeV}$ ] $10^3$   
 $10^2$   
10  
1  
 $10^{-1}$   
 $10^{-2}$ 

- ALICE
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

ALICE\_2017\_I1511870

Ratio to ALICE

2  
1  
0.50 5 10 15 20  $p_T$  [GeV]Rivet 3.1.10,  $\geq 2.1\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

2  
1  
0.5