

Normalised counts

This Thesis  
pp,  $\sqrt{s} = 13.6$  TeV  
 $4 < p_T < 6$  GeV/c

Background  
(data, sidebands)

Prompt  $D_s^+$  (MC)

Non-prompt  $D_s^+$  (MC)

$10^{-3}$

$10^{-2}$

$10^{-1}$

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

$|\cos^3 \theta_{\pi K}|$

