

Counts per 2 MeV/c²

This Thesis

pp, $\sqrt{s} = 13.6$ TeV

D_s^+ , $D^+ \rightarrow \phi \pi^+ \rightarrow K^+ K^- \pi^+$
and charge conj.

$12.0 < p_T < 24.0$ GeV/c

• Data

D_s^+ signal

D^+ signal

Combinatorial bkg.

$D^+ \rightarrow \pi^+ K^- \pi^+$ bkg.

Total fit function

