



This Thesis pp collisions, $\sqrt{s} = 13.6 \text{ TeV}$ D_s⁺, D⁺ $\rightarrow \phi \pi^+ \rightarrow \text{K}^+ \text{K}^- \pi^+$ and charge conjugate $2 < p_{_{\rm T}} < 3 \text{ GeV}/c$