

Acceptance × Efficiency

1

ALICE

0-10% Pb-Pb, $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$

PYTHIA + HIJING

$D_s^+ \rightarrow \phi\pi^+ \rightarrow K^-K^+\pi^+$

10^{-1}

10^{-2}

10^{-3}

10^{-4}

4

5

6

7

8

9

10

11

12

$p_T \text{ (GeV/c)}$

- Prompt D_s^+ (Red solid line with open circles)
- Prompt D_s^+ , No PID (Green dashed line with open squares)
- Feed-down D_s^+ (Blue dotted line with open squares)