

$D_{s0}(2590)^+$

$$I(J^P) = 0(0^-)$$

OMITTED FROM SUMMARY TABLE

$D_{s0}(2590)^+$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
2591±6±7	444	¹ AAIJ	21A LHCb	$B^0 \rightarrow D^- (D^+ K^+ \pi^-)$

¹ The mass is calculated from the position of the T-matrix pole

$D_{s0}(2590)^+$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
89±16±12	444	¹ AAIJ	21A LHCb	$B^0 \rightarrow D^- (D^+ K^+ \pi^-)$

¹ The width is calculated from the position of the T-matrix pole

$D_{s0}(2590)^+$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad D^+ K^+ \pi^-$	seen

$D_{s0}(2590)^+$ BRANCHING RATIOS

$\Gamma(D^+ K^+ \pi^-)/\Gamma_{\text{total}}$				Γ_1/Γ	
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT	
seen	444	AAIJ	21A LHCb	$B^0 \rightarrow D^- (D^+ K^+ \pi^-)$	

$D_{s0}(2590)^+$ REFERENCES

AAIJ	21A	PRL 126 122002	R. Aaij <i>et al.</i>	(LHCb Collab.)
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