

$D_{s0}(2590)^+$

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

OMITTED FROM SUMMARY TABLE

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

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

¹The mass is calculated from the position of the T-matrix pole $D_{s0}(2590)^+$ WIDTH

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

¹The 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

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

 $D_{s0}(2590)^+$ REFERENCESAAIJ 21A PRL 126 122002 R. Aaij *et al.* (LHCb Collab.)