NODE=M256

$D_{s0}(2590)^+$

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

OMITTED FROM SUMMARY TABLE

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

NODE=M256M

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

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

NODE=M256M

NODE=M256M;LINKAGE=B

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

NODE=M256W

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

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

NODE=M256W

NODE=M256W;LINKAGE=B

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

NODE=M256215;NODE=M256

	Mode	Fraction (Γ_i/Γ)
Γ_1	$D^+K^+\pi^-$	seen

DESIG=1

$\Gamma(D^+K^+\pi^-)/\Gamma_{total}$ — Γ_1/Γ

NODE=M256R01

NODE=M256R01

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
seen	444	AAIJ	21A	LHCB	$B^0 \to D^-(D^+K^+\pi^-)$

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

NODE=M256

AAIJ 21A PRL 126 122002 R. Aaij *et al.* (LHCb Collab.)

REFID=61092