

$D_{s0}(2590)^+$

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

OMITTED FROM SUMMARY TABLE

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

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$2591 \pm 6 \pm 7$	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

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$89 \pm 16 \pm 12$	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
<u>VALUE</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
seen	444	AAIJ	21A LHCB	$B^0 \rightarrow D^- (D^+ K^+ \pi^-)$

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

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