

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

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

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>
<b><math>2591 \pm 6 \pm 7</math></b>	444	<sup>1</sup> AAIJ	21A LHCB	$B^0 \rightarrow D^- (D^+ K^+ \pi^-)$

<sup>1</sup> The 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>
<b><math>89 \pm 16 \pm 12</math></b>	444	<sup>1</sup> AAIJ	21A LHCB	$B^0 \rightarrow D^- (D^+ K^+ \pi^-)$

<sup>1</sup> The width is calculated from the position of the T-matrix pole

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

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

$\Gamma(D^+ K^+ \pi^-)/\Gamma_{\text{total}}$				$\Gamma_1/\Gamma$
<u>VALUE</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>seen</b>	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.)