

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

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

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**

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

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

<u><math>\Gamma(D^+ K^+ \pi^-)/\Gamma_{\text{total}}</math></u>	<u><math>\Gamma_1/\Gamma</math></u>
<b>seen</b>	

<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 <i>et al.</i>	(LHCb Collab.)
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