

$D_1(2430)^0$

$$I(J^P) = \frac{1}{2}(1^+)$$

OMITTED FROM SUMMARY TABLE

$J = 1^+$ assignment favored (ABE 04D).

$D_1(2430)^0$ MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$2427 \pm 26 \pm 25$	ABE	04D	BELL $B^- \rightarrow D^{*+} \pi^- \pi^-$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
2477 ± 28	¹ AUBERT	06L	BABR $\bar{B}^0 \rightarrow D^{*+} \omega \pi^-$
¹ Systematic errors not estimated.			

$D_1(2430)^0$ WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$384^{+107}_{-75} \pm 74$	ABE	04D	BELL $B^- \rightarrow D^{*+} \pi^- \pi^-$
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●			
266 ± 97	² AUBERT	06L	BABR $\bar{B}^0 \rightarrow D^{*+} \omega \pi^-$
² Systematic errors not estimated.			

$D_1(2430)^0$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad D^*(2010)^+ \pi^-$	seen

$D_1(2430)^0$ REFERENCES

AUBERT	06L	PR D74 012001	B. Aubert <i>et al.</i>	(BABAR Collab.)
ABE	04D	PR D69 112002	K. Abe <i>et al.</i>	(BELLE Collab.)