

$D_1(2430)^0$

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

OMITTED FROM SUMMARY TABLE

 $J = 1^+$ assignment favored (ABE 04D). **$D_1(2430)^0$ MASS**

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
$2427 \pm 26 \pm 25$	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

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
$384^{+107}_{-75} \pm 74$	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.)