

$D_1(2430)^0$

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

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.)

OTHER RELATED PAPERS

ABULENCIA	06A PR D73 051104	A. Abulencia <i>et al.</i>	(CDF Collab.)
ABAZOV	05O PRL 95 171803	V.M. Abazov <i>et al.</i>	(D0 Collab.)
CLOSE	05C PR D72 094004	F.E. Close, E.S. Swanson	(OXFTP)
GODFREY	05 PR D72 054029	S. Godfrey	
ZHANG	05C PR D72 017902	A. Zhang	
ANDERSON	99 CLEO CONF99-6	S. Anderson <i>et al.</i>	(CLEO Collab.)
Conference Report			
EICHTEN	93 PRL 71 4116	E.J. Eichten, C.T. Hill, C. Quigg	
GODFREY	85 PR D32 189	S. Godfrey, N. Isgur	
SHURYAK	82 NP B198 83	E.V. Shuryak	