$D_1(2430)^0$

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

OMITTED FROM SUMMARY TABLE

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

$D_1(2430)^0$ MASS

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
2427±26±25	ABE	04D	BELL	$B^- \to D^{*+}\pi^-\pi^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
2477±28	[1] AUBERT	06L	BABR	$\overline{B}^0 \to D^{*+}\omega\pi^-$

[1] Systematic errors not estimated.

$D_1(2430)^0$ WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
$\mathbf{384^{+107}_{-75}\pm74}$	ABE	04D	BELL	$B^- \to D^{*+}\pi^-\pi^-$
• • • We do not use the following data for averages, fits, limits, etc. • • •				
266± 97	[2] AUBERT	06L	BABR	$\overline{B}^0 \to D^{*+}\omega\pi^-$

[2] Systematic errors not estimated.

$D_1(2430)^0$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$D^*(2010)^+\pi^-$	seen

$D_1(2430)^0$ REFERENCES

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

OTHER RELATED PAPERS

ABULENCIA	06A	PR D73 051104	A. Abulencia *et al.*	(CDF Collab.)
ABAZOV	05O	PRL 95 171803	V.M. Abazov *et al.*	(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 *et al.*	(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	