

**$D_0^*(2400)^0$**

$$I(J^P) = \frac{1}{2}(0^+)$$

OMITTED FROM SUMMARY TABLE

$J = 0^+$  assignment favoured (ABE 04D).

### $D_0^*(2400)^0$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>2352±50 OUR AVERAGE</b>	Error includes scale factor of 1.8.			
2308±17±32		ABE	04D BELL	$B^- \rightarrow D^+ \pi^- \pi^-$
2407±21±35	9.8k	LINK	04A FOCS	$\gamma A$

### $D_0^*(2400)^0$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>261±50 OUR AVERAGE</b>				
276±21±63		ABE	04D BELL	$B^- \rightarrow D^+ \pi^- \pi^-$
240±55±59	9.8k	LINK	04A FOCS	$\gamma A$

### $D_0^*(2400)^0$ DECAY MODES

Mode	Fraction ( $\Gamma_i/\Gamma$ )
$\Gamma_1 \quad D^+ \pi^-$	seen

### $D_0^*(2400)^0$ REFERENCES

ABE	04D PR D69 112002	K. Abe <i>et al.</i>	(BELLE Collab.)
LINK	04A PL B586 11	J.M. Link <i>et al.</i>	(FOCUS Collab.)

### OTHER RELATED PAPERS

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	