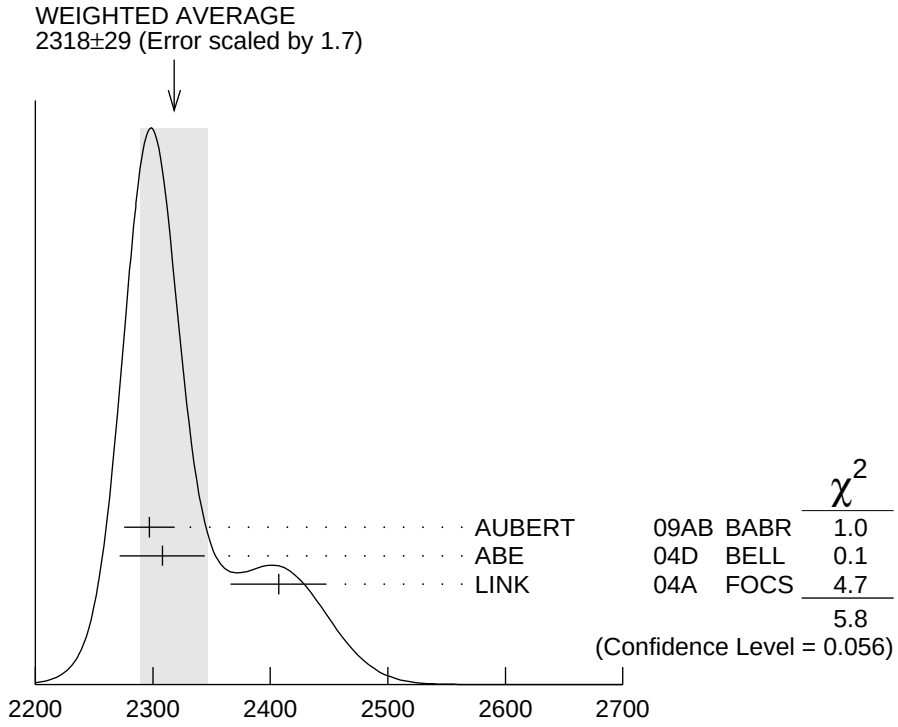
$D_0^*(2400)^0$

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

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

$D_0^*(2400)^0$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
2318±29 OUR AVERAGE Error includes scale factor of 1.7. See the ideogram below.					
2297± 8±20	3.4k	AUBERT	09AB	BABR	$B^- \to D^+\pi^-\pi^-$
2308±17±32		ABE	04D	BELL	$B^- \to D^+\pi^-\pi^-$
2407±21±35	9.8k	LINK	04A	FOCS	γ A



$D_0^*(2400)^0$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
267±40 OUR AVERAGE					
273±12±48	3.4k	AUBERT	09AB	BABR	$B^- \to D^+\pi^-\pi^-$
276±21±63		ABE	04D	BELL	$B^- \to D^+\pi^-\pi^-$
240±55±59	9.8k	LINK	04A	FOCS	γ A

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

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

$D_0^*(2400)^0$ REFERENCES

AUBERT	09AB	PR D79 112004	B. Aubert *et al.*	(BABAR Collab.)
ABE	04D	PR D69 112002	K. Abe *et al.*	(BELLE Collab.)
LINK	04A	PL B586 11	J.M. Link *et al.*	(FOCUS Collab.)