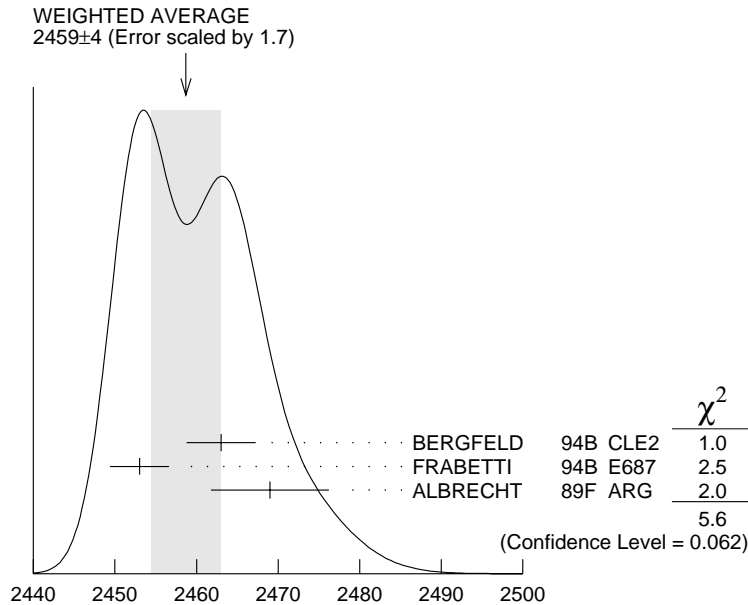


$$D_2^*(2460)^\pm$$

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

$D_2^*(2460)^\pm$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
2459 ± 4 OUR AVERAGE				Error includes scale factor of 1.7. See the ideogram below.
2463 ± 3 ± 3	310	BERGFELD	94B CLE2	$e^+ e^- \rightarrow D^0 \pi^+ X$
2453 ± 3 ± 2	185	FRABETTI	94B E687	$\gamma Be \rightarrow D^0 \pi^+ X$
2469 ± 4 ± 6		ALBRECHT	89F ARG	$e^+ e^- \rightarrow D^0 \pi^+ X$



$D_2^*(2460)^\pm$ mass (MeV)

$m_{D_2^*(2460)^\pm} - m_{D_2^*(2460)^0}$

VALUE (MeV)	DOCUMENT ID	TECN	COMMENT
0.9 ± 3.3 OUR AVERAGE			Error includes scale factor of 1.1.
- 2 ± 4 ± 4	BERGFELD	94B CLE2	$e^+ e^- \rightarrow \text{hadrons}$
0 ± 4	FRABETTI	94B E687	$\gamma Be \rightarrow D \pi X$
14 ± 5 ± 8	ALBRECHT	89F ARG	$e^+ e^- \rightarrow D^0 \pi^+ X$

$D_2^*(2460)^\pm$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
$25 \pm \frac{8}{7}$				OUR AVERAGE
$27 \pm \frac{11}{8} \pm 5$	310	BERGFELD	94B CLE2	$e^+ e^- \rightarrow D^0 \pi^+ X$
$23 \pm 9 \pm 5$	185	FRABETTI	94B E687	$\gamma Be \rightarrow D^0 \pi^+ X$

$D_2^*(2460)^\pm$ DECAY MODES

$D_2^*(2460)^-$ modes are charge conjugates of modes below.

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad D^0 \pi^+$	seen
$\Gamma_2 \quad D^{*0} \pi^+$	seen

$D_2^*(2460)^\pm$ BRANCHING RATIOS

$\Gamma(D^0 \pi^+)/\Gamma_{\text{total}}$				Γ_1/Γ
VALUE	DOCUMENT ID	TECN	COMMENT	
seen	ALBRECHT	89F ARG	$e^+ e^- \rightarrow D^0 \pi^+ X$	
$\Gamma(D^0 \pi^+)/\Gamma(D^{*0} \pi^+)$				Γ_1/Γ_2
VALUE	DOCUMENT ID	TECN	COMMENT	
$1.9 \pm 1.1 \pm 0.3$	BERGFELD	94B CLE2	$e^+ e^- \rightarrow \text{hadrons}$	

$D_2^*(2460)^\pm$ REFERENCES

BERGFELD	94B	PL B340 194	+Eisenstein, Gollin+	(CLEO Collab.)
FRABETTI	94B	PRL 72 324	+Cheung, Cumalat+	(FNAL E687 Collab.)
ALBRECHT	89F	PL B231 208	+Glaeser+	(ARGUS Collab.)