

$D^*(2640)^\pm$

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

OMITTED FROM SUMMARY TABLE

Seen in Z decays by ABREU 98M. Not seen by ABBIENDI 01N and CHEKANOV 09. Needs confirmation.

 $D^*(2640)^\pm$ MASS

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
$2637 \pm 2 \pm 6$	66 ± 14	ABREU	98M DLPH	$e^+ e^- \rightarrow D^{*+} \pi^+ \pi^- X$

 $D^*(2640)^\pm$ WIDTH

<u>VALUE (MeV)</u>	<u>CL%</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<15	95	ABREU	98M DLPH	$e^+ e^- \rightarrow D^{*+} \pi^+ \pi^- X$

 $D^*(2640)^+$ DECAY MODES $D^*(2640)^-$ modes are charge conjugates of modes below.

<u>Mode</u>	<u>Fraction (Γ_i/Γ)</u>
$\Gamma_1 \quad D^*(2010)^+ \pi^+ \pi^-$	seen

 $D^*(2640)^\pm$ REFERENCES

CHEKANOV 09	EPJ C60 25	S. Chekanov <i>et al.</i>	(ZEUS Collab.)
ABBIENDI 01N	EPJ C20 445	G. Abbiendi <i>et al.</i>	(OPAL Collab.)
ABREU 98M	PL B426 231	P. Abreu <i>et al.</i>	(DELPHI Collab.)