

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

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

OMITTED FROM SUMMARY TABLE

Seen in  $Z$  decays by ABREU 98M. Not seen by ABBIENDI 01N.  
Needs confirmation. **$D^*(2640)^\pm$  MASS**

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b><math>2637 \pm 2 \pm 6</math></b>	$66 \pm 14$	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>
<b>&lt;15</b>	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 (<math>\Gamma_i/\Gamma</math>)</u>
$\Gamma_1 \quad D^*(2010)^+ \pi^+ \pi^-$	seen

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

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.)

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