

**$\Xi_c(3123)$**

$I(J^P) = ?(?^?)$  Status: \*

OMITTED FROM SUMMARY TABLE

A peak in the  $\Sigma_c(2520)^{++} K^- \rightarrow \Lambda_c^+ K^- \pi^+$  mass spectrum with a significance of 3.6 standard deviations. KATO 14 finds no evidence for this state.

**$\Xi_c(3123)$  MASSES**

**$\Xi_c(3123)^+$  MASS**

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>3122.9±1.3±0.3</b>	101 ± 35	AUBERT	08J	BABR $e^+ e^- \approx 10.58$ GeV

**$\Xi_c(3123)$  WIDTHS**

**$\Xi_c(3123)^+$  WIDTH**

<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>4.4±3.4±1.7</b>	101 ± 35	AUBERT	08J	BABR $e^+ e^- \approx 10.58$ GeV

**$\Xi_c(3123)$  REFERENCES**

KATO	14	PR D89 052003	Y. Kato <i>et al.</i>	(BELLE Collab.)
AUBERT	08J	PR D77 012002	B. Aubert <i>et al.</i>	(BABAR Collab.)