

$\Xi_c(3123)$ $I(J^P) = ?(?^?)$ 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>
3122.9±1.3±0.3	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>
4.4±3.4±1.7	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.)