$\Xi_c(3123)$

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

OMITTED FROM SUMMARY TABLE

A peak in the $\Sigma_c(2520)^{++} K^-$ → $\Lambda_c^+ K^- \pi^+$ 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

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
3122.9±1.3±0.3	101 ± 35	AUBERT	08J	BABR	e^+e^- ≈ 10.58 GeV

$\Xi_c(3123)$ WIDTHS

$\Xi_c(3123)^+$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
4.4±3.4±1.7	101 ± 35	AUBERT	08J	BABR	e^+e^- ≈ 10.58 GeV

$\Xi_c(3123)$ REFERENCES

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