$\Xi_c(3055)$

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

$\Xi_c(3055)$ MASSES

$\Xi_c(3055)^+$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
3055.9±0.4	894	KATO	16	BELL	e^+e^- Υ region
• • • We do not use the following data for averages, fits, limits, etc. • • •					
3058.1±1.0±2.1	199 ± 46	KATO	14	BELL	See KATO 16
3054.2±1.2±0.5	218 ± 95	AUBERT	08J	BABR	$e^+e^- \approx$ 10.58 GeV

$\Xi_c(3055)^0$ MASS

$\Xi_c(3055)$ WIDTHS

$\Xi_c(3055)^+$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
7.8±1.2± 1.5		KATO	16	BELL	e^+e^- Υ region
• • • We do not use the following data for averages, fits, limits, etc. • • •					
9.7±3.4± 3.3	199 ± 46	KATO	14	BELL	e^+e^- $\Upsilon(1S)$ to $\Upsilon(5S)$
17 ±6 ±11	218 ± 95	AUBERT	08J	BABR	$e^+e^- \approx$ 10.58 GeV

$\Xi_c(3055)^0$ WIDTH

$\Xi_c(3055)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$\Sigma^{++}K^-$	seen
Γ_2	ΛD^+	seen

$\Xi_c(3055)$ BRANCHING RATIOS

$\Gamma(\Lambda D^+)/\Gamma(\Sigma^{++}K^-)$ Γ_2/Γ_1

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
5.09±1.01±0.76	KATO	16	BELL	721 and 103 evts

$\Xi_c(3055)$ REFERENCES

KATO	16	PR D94 032002	Y. Kato *et al.*	(BELLE Collab.)
KATO	14	PR D89 052003	Y. Kato *et al.*	(BELLE Collab.)
AUBERT	08J	PR D77 012002	B. Aubert *et al.*	(BABAR Collab.)