

$\Xi_c(3055)$

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

Seen in $\Sigma_c(2455)^{++} K^- \rightarrow \Lambda_c^+ K^- \pi^+$ with significances of 6.4 (BABAR) and 6.6 (BELLE) standard deviations.

$\Xi_c(3055)$ MASSES

$\Xi_c(3055)^+$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
3055.1 ± 1.7 OUR AVERAGE		Error includes scale factor of 1.5.		
3058.1 ± 1.0 ± 2.1	199 ± 46	KATO	14	BELL $e^+ e^- \Upsilon(1S)$ to $\Upsilon(5S)$
3054.2 ± 1.2 ± 0.5	218 ± 95	AUBERT	08J	BABR $e^+ e^- \approx 10.58$ GeV

$\Xi_c(3055)$ WIDTHS

$\Xi_c(3055)^+$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
11 ± 4 OUR AVERAGE				
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

$\Xi_c(3055)$ 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.)