

$\Xi_c(3080)$

$$I(J^P) = \frac{1}{2}(??) \quad \text{Status: } ***$$

A narrow peak seen in the $\Lambda_c^+ K^- \pi^+$ and $\Lambda_c^+ K_S^0 \pi^-$ mass spectra.

$\Xi_c(3080)$ MASSES

$\Xi_c(3080)^+$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
3076.7 ± 0.9 ± 0.5	326 ± 40	CHISTOV	06	BELL $e^+ e^- \approx \Upsilon(4S)$

$\Xi_c(3080)^0$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
3082.8 ± 1.8 ± 1.5	67 ± 20	CHISTOV	06	BELL $e^+ e^- \approx \Upsilon(4S)$

$\Xi_c(3080)$ WIDTHS

$\Xi_c(3080)^+$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
6.2 ± 1.2 ± 0.8	326 ± 40	CHISTOV	06	BELL $e^+ e^- \approx \Upsilon(4S)$

$\Xi_c(3080)^0$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
5.2 ± 3.1 ± 1.8	67 ± 20	CHISTOV	06	BELL $e^+ e^- \approx \Upsilon(4S)$

$\Xi_c(3080)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad \Lambda_c^+ K^- \pi^+$	seen
$\Gamma_2 \quad \Lambda_c^+ K_S^0 \pi^-$	seen

$\Xi_c(3080)$ REFERENCES

CHISTOV	06	PRL 97 162001	R. Chistov <i>et al.</i>	(BELLE Collab.)
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