



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

See the note in the Listing for the Ξ_c^{*+} , above.

Ξ_c^{*0} MASS

The mass is obtained from the mass-difference measurement that follows.

VALUE (MeV)	DOCUMENT ID
2578.8 ± 3.2 OUR FIT	

$\Xi_c^{*0} - \Xi_c^0$ MASS DIFFERENCE

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
107.0 ± 2.9 OUR FIT				
107.0 ± 1.4 ± 2.5	28	JESSOP	99 CLE2	$e^+ e^- \approx \Upsilon(4S)$

Ξ_c^{*0} DECAY MODES

The $\Xi_c^{*0} - \Xi_c^0$ mass difference is too small for any strong decay to occur.

Mode	Fraction (Γ_j/Γ)
$\Gamma_1 \quad \Xi_c^0 \gamma$	seen

Ξ_c^{*0} REFERENCES

JESSOP	99	PRL 82 492	C.P. Jessop <i>et al.</i>	(CLEO Collab.)
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