



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

See the note in the Listing for the $\Xi_c^{'+}$, above.

Ξ_c^0 MASS

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

<i>VALUE (MeV)</i>	<i>DOCUMENT ID</i>
2578.8±3.2 OUR FIT	

$\Xi_c^0 - \Xi_c^0$ MASS DIFFERENCE

<i>VALUE (MeV)</i>	<i>EVTs</i>	<i>DOCUMENT ID</i>	<i>TECN</i>	<i>COMMENT</i>
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_i/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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