



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

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

### $\Xi_c^0$ MASS

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

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>
<b>2578.0±2.9 OUR FIT</b>	

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

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

### $\Xi_c^0$ DECAY MODES

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

<u>Mode</u>	<u>Fraction (<math>\Gamma_j/\Gamma</math>)</u>
$\Gamma_1 \quad \Xi_c^0 \gamma$	seen

### $\Xi_c^0$ REFERENCES

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