$\Omega_c(3000)^0$

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

$\Omega_c(3000)^0$ MASS

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
3000.41±0.22 OUR AVERAGE					
3000.7 ±1.0 ±0.2	38	YELTON	18B	BELL	e^+e^- at $\Upsilon(4S)$
3000.4 ±0.2 ±0.1	1.3k	AAIJ	17AH	LHCB	pp at 7, 8, 13 TeV

$\Omega_c(3000)^0$ WIDTH

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
4.5±0.6±0.3	1.3k	AAIJ	17AH	LHCB	pp at 7, 8, 13 TeV

$\Omega_c(3000)^0$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$\Xi_c^+ K^-$	seen

$\Omega_c(3000)^0$ BRANCHING RATIOS

$\Gamma(\Xi_c^+ K^-)/\Gamma_{\text{total}}$ **Γ_1/Γ**

VALUE	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
seen	38	[1] YELTON	18B	BELL	e^+e^- at $\Upsilon(4S)$
seen	1.3k	AAIJ	17AH	LHCB	pp at 7, 8, 13 TeV

[1] YELTON 18B report a significance of 3.9σ

$\Omega_c(3000)^0$ REFERENCES

YELTON	18B	PR D97 051102	J. Yelton *et al.*	(BELLE Collab.)
AAIJ	17AH	PRL 118 182001	R. Aaij *et al.*	(LHCb Collab.)