

$\Omega_c(3000)^0$ $I(J^P) = ?(??)$ 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)
$\Gamma_1 \quad \Xi_c^+ K^-$	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

¹YELTON 18B report a significance of 3.9σ $\Omega_c(3000)^0$ REFERENCES

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