

$\Omega_c(3000)^0$ $I(J^P) = ?(??)$ Status: *** $\Omega_c(3000)^0$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
$3000.4 \pm 0.2 \pm 0.1 \pm 0.3$	1.3k	¹ AAIJ	17AH LHCB	pp at 7, 8, 13 TeV

¹The third error is the uncertainty on the Ξ_c^+ mass. (AAIJ 17AH gave $+0.3$ MeV here, but as of 2018 it is ± 0.3 .)

 $\Omega_c(3000)^0$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
$4.5 \pm 0.6 \pm 0.3$	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
seen	

VALUE	DOCUMENT ID	TECN	COMMENT
seen	AAIJ	17AH LHCB	pp at 7, 8, 13 TeV

 $\Omega_c(3000)^0$ REFERENCES

AAIJ	17AH PRL 118 182001	R. Aaij <i>et al.</i>	(LHCb Collab.)
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