

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

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>3000.41 ± 0.22 OUR AVERAGE</b>				
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
<b>4.5 ± 0.6 ± 0.3</b>	1.3k	AAIJ	17AH LHCB	$pp$ at 7, 8, 13 TeV

 $\Omega_c(3000)^0$  DECAY MODES

Mode	Fraction ( $\Gamma_i/\Gamma$ )
$\Gamma_1 \quad \Xi_c^+ K^-$	seen

 $\Omega_c(3000)^0$  BRANCHING RATIOS

$\Gamma(\Xi_c^+ K^-)/\Gamma_{\text{total}}$	$\Gamma_1/\Gamma$			
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
seen	38	<sup>1</sup> YELTON	18B BELL	$e^+e^-$ at $\Upsilon(4S)$
<b>seen</b>	1.3k	AAIJ	17AH LHCB	$pp$ at 7, 8, 13 TeV

<sup>1</sup>YELTON 18B report a significance of  $3.9\sigma$  $\Omega_c(3000)^0$  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.)