

$\Xi_c(2882)$ $I(J^P) = ?(?^?)$ Status: *

OMITTED FROM SUMMARY TABLE

 $\Xi_c(2882)$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
2881.8±3.1±8.5	1.5k	¹ AAIJ	23X LHCb	$B^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- K^-$

¹AAIJ 23X finds evidence of this state with a local significance of 3.8σ . $\Xi_c(2882)$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
12.4±5.3±5.8	1.5k	¹ AAIJ	23X LHCb	$B^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- K^-$

¹AAIJ 23X finds evidence of this state with a local significance of 3.8σ . $\Xi_c(2882)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \Lambda_c^+ K^-$	seen

 $\Xi_c(2882)$ BRANCHING RATIOS

$\Gamma(\Lambda_c^+ K^-)/\Gamma_{\text{total}}$	Γ_1/Γ			
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
seen	1.5k	AAIJ	23X LHCb	$B^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- K^-$

 $\Xi_c(2882)$ REFERENCESAAIJ 23X PR D108 012020 R. Aaij *et al.* (LHCb Collab.)