

$\Xi_c(2882)$

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

OMITTED FROM SUMMARY TABLE

$\Xi_c(2882)$  MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>2881.8±3.1±8.5</b>	1.5k	<sup>1</sup> AAIJ	23X LHCb	$B^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- K^-$
<sup>1</sup> AAIJ 23X finds evidence of this state with a local significance of 3.8σ.				

$\Xi_c(2882)$  WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>12.4±5.3±5.8</b>	1.5k	<sup>1</sup> AAIJ	23X LHCb	$B^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- K^-$
<sup>1</sup> AAIJ 23X finds evidence of this state with a local significance of 3.8σ.				

$\Xi_c(2882)$  DECAY MODES

Mode	Fraction ( $\Gamma_j/\Gamma$ )
$\Gamma_1 \Lambda_c^+ K^-$	seen

$\Xi_c(2882)$  BRANCHING RATIOS

$\Gamma(\Lambda_c^+ K^-)/\Gamma_{total}$	$\Gamma_1/\Gamma$			
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
<b>seen</b>	1.5k	AAIJ	23X LHCb	$B^- \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- K^-$

$\Xi_c(2882)$  REFERENCES

AAIJ 23X PR D108 012020 R. Aaij *et al.* (LHCb Collab.)