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Please use	this identifier to cite or link to this item: http://hdl.handle.net/123456789/2510
Title:	Studies of charmed strange baryons in the $\Lambda$ D final state at Belle
Authors:	Bhardwaj, V. (/jspui/browse?type=author&value=Bhardwaj%2C+V.)
Keywords:	Observation Decays Evidence
Issue Date:	2016
Publisher:	American Physical Society
Citation:	Physical Review D, 94(3).
Abstract:	We report the discovery of $\exists$ c ( 3055 ) 0 , observed by its decay into the final-state $\land$ D 0 , and present the first observation and evidence of the decays of $\exists$ c ( 3055 ) + and $\exists$ c ( 3080 ) + into $\land$ D + . We also perform a combined analysis of the $\land$ D + with the $\Sigma$ + + c K – and $\Sigma$ * + + c K – decay modes to measure the ratios of branching fractions, masses and widths with improved accuracy. We measure the ratios of branching fractions B ( $\exists$ c ( 3055 ) + $\rightarrow$ $\land$ D + ) / B ( $\exists$ c ( 3055 ) + $\rightarrow$ $\land$ D + ) / B ( $\exists$ c ( 3080 ) + $\rightarrow$ $\land$ D + ) /
Description:	Only IISERM authors are available in the record.
URI:	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.94.032002 (https://journals.aps.org/prd/abstract/10.1103/PhysRevD.94.032002) http://hdl.handle.net/123456789/2510 (http://hdl.handle.net/123456789/2510)
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