Library
Indian Institute of Science Education and Research
Mohali

Please use this identifier to cite or link to this item: http://hdl.handle.net/123456789/1742

Title:	Measurement of the decays Λc→Σππ at Belle
Authors:	Bhardwaj, V. (/jspui/browse?type=author&value=Bhardwaj%2C+V.)
Keywords:	Measurement Λc→Σππ Belle decays
Issue Date:	2018
Publisher:	American Physical Society
Citation:	Physical Review D, 98(11).
Abstract:	We report measurements of the branching fractions of the decays Λ+c→Σ+π−π+, Λ+c→Σ0π+π0 and Λ+c→Σ+π0π0 relative to the reference channel Λ+c→pK−π+. The analysis is based on the full data sample collected at and near the Y(4S) resonance by the Belle detector at the KEKB asymmetric-energy e+e− collider, corresponding to an integrated luminosity of 711 fb−1. We measure B(Λ+c→Σ+π−π+)/B(Λ+c→pK−π+)=0.719±0.003±0.024, B(Λ+c→Σ0π+π0)/B(Λ+c→pK−π+)=0.575±0.005±0.036 and B(Λ+c→Σ+π0π0)/B(Λ+c→pK−π+)=0.247±0.006±0.019. The listed uncertainties are statistical and systematic, respectively.
Description:	Only IISERM authors are available in the record.
URI:	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.98.112006 (https://journals.aps.org/prd/abstract/10.1103/PhysRevD.98.112006) http://hdl.handle.net/123456789/1742 (http://hdl.handle.net/123456789/1742)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files in This Item:

File	Description	Size	Format	
Need to add pdf.odt (/jspui/bitstream/123456789/1742/1/Need%20to%20add%20pdf.odt)		8.04 kB	OpenDocument Text	View/Open (/jspui/bitstream/12345

Show full item record (/jspui/handle/123456789/1742?mode=full)
(/jspui/handle/123456789/1742/statistics)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.