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Title:	Observation of an Excited Ω^- Baryon
Authors:	Bhardwaj, V. (/jspui/browse?type=author&value=Bhardwaj%2C+V.)
Keywords:	Atomic physics Belle detectors Ω^- Baryon Observation
Issue Date:	2018
Publisher:	American Physical Society
Citation:	Physical Review Letters, 121(5).
Abstract:	Using data recorded with the Belle detector, we observe a new excited hyperon, an Ω^{*-} candidate decaying into $\Xi^0 K^-$ and $\Xi^- K^0 S$ with a mass of $2012.4 \pm 0.7(\text{stat}) \pm 0.6(\text{syst})$ MeV/c ² and a width of $\Gamma = 6.4 + 2.5 - 2.0(\text{stat}) \pm 1.6(\text{syst})$ MeV. The Ω^{*-} is seen primarily in $Y(1S)$, $Y(2S)$, and $Y(3S)$ decays.
Description:	Only IISERM authors are available in the record.
URI:	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.121.052003 (https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.121.052003) http://hdl.handle.net/123456789/1918 (http://hdl.handle.net/123456789/1918)
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