



Diagram of the decay of a Λ_b^0 baryon into a K^- meson and a charmonium pentaquark (P_C^+) state. Selected for an Editors' Suggestion and a Viewpoint in *Physics*. [Aaij *et al.*, LHCb Collaboration, *Phys. Rev. Lett.* **115**, 072001 (2015)]

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