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Unconventional heavy meson states

Monday, May 17, 2021 2:00 PM (30 minutes)

Since the turn of the century a large number of states was established experimentally in the quarkonium mass range, most of which do not fit into the scheme provided by the until then for the doubly heavy sector very successful quark model. I will discuss current proposals for the structure of these so called XYZ states with special emphasis on possible experimental signatures that would allow one to pin down the internal structure of certain states.I will also briefly discuss the recent LHCb observation of a signal related to two charm and two anti-charm quarks.

Collaboration

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