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The isospin and compositeness of the $T_{cc}(3875)$ state

Thursday, 26 September 2024 09:45 (20 minutes)

The work of Eur. Phys. J. C 83 (2023) 983 will be presented, in which we perform a fit to the LHCb data on the $T_{cc}(3875)$ state in order to determine its nature. We use a general framework that allows to have the $D^0 D^{*+}$, $D^+ D^{*0}$ components forming a molecular state, as well as a possible nonmolecular state or contributions from missing coupled channels.

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