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T_{cc} pole trajectory

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The recent discovery of T_{cc} has attracted several lattice QCD as well as other studies of T_{cc} pole. Though for T_{bb} there is a consensus about the existence of a deeply bound state, no such consensus have been reached for T_{cc}. On top of that the discovery of Left Hand Cut made the pole analysis using Lüscher's method difficult. In this situation it is desirable to study the pole trajectory of T_{cc} by varying the heavy and light quark masses. We performed such a study of T_{cc} pole trajectory on $N_f = 2 + 1 + 1$ HISQ ensembles.

Parallel Session (for talks only)

Hadronic and nuclear spectrum and interactions

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