

Onium Masses with Three Flavors of Dynamical Quarks

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Abstract: We have greatly extended an earlier calculation of the charmonium spectrum on three flavor dynamical quark ensembles by using more recent ensembles generated by the MILC collaboration, and by doing additional calculations with the heavy quark mass near the b -quark mass. The heavy quarks are treated using the Fermilab formulation. The bottomonium masses can be compared with results based on lattice NRQCD.