

Bottomonia in QGP: From Excited States to Heavy Quark Interaction

I will present recent state-of-the-art lattice QCD results on the masses, thermal widths and Bethe-Salpeter amplitudes of up to 3S and 2P bottomonium states in quark gluon plasma (QGP). I will discuss the implications of these lattice QCD results for the in-medium complex heavy quark potential, and supplement these surprising findings from independent lattice QCD calculations of the static quark potential in QGP.

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