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Spectral properties of bottomonium at high temperature: a systematic investigation

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We investigate spectral features of bottomonium at high temperature, in particular the thermal mass shift and width of ground state S-wave and P-wave state. We employ and compare a range of methods for determining these features from lattice NRQCD correlators, including direct correlator analyses, smeared spectral functions, and Bayesian methods for spectral function reconstruction. We comment on the reliability and limitations of the various methods.

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