Experimental Review of Quarkonium Spectroscopy

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Abstract. QCD is the strong interaction component of the Standard Model of particle physics. Its validity and limitations are ideally tested in the spectroscopy of the bound states of quarkonium (constructs of a quark and an antiquark) to which it gives rise. The two most prolific sources for this spectroscopy are the charmonium and bottomonium systems. The progress in the study of these systems, the need for precision data, and the opprtunities that new facilities offer, will be discussed.