

New resonance X(1835) and enhanced structures near hadron-hadron threshold at BESII

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A new X(1835) resonance from J/psi radiative decay and a couple of significant enhancements near hadron-hadron mass threshold have been observed, using 58 million J/psi events collected at the BESII detector. In addition, clear evidences for σ and κ mesons are observed in J/psi hadronic decays. Favored interpretations of these observations are summarized and discussed.

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