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Title:	Study of $e^+e^- \rightarrow Y(1S, 2S)\eta$ and $e^+e^- \rightarrow Y(1S)\eta'$ at $\sqrt{s} = 10.866$ GeV with the Belle detector
Authors:	Patra, Sourav (/jspui/browse?type=author&value=Patra%2C+Sourav)
Keywords:	Hadronic decays Bottom mesons
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Publisher:	American Physical Society
Citation:	Physical Review D, 104(11).
Abstract:	We report the first observation of the processes $e^+e^- \rightarrow Y\delta 1S; 2S\eta$ at $\sqrt{s} \approx 10.866$ GeV, with significance exceeding 10σ for both processes. The measured Born cross sections are $\sigma(e^+e^- \rightarrow Y\delta 2S\eta) \approx 2.07 \pm 0.21 \pm 0.19$ pb, and $\sigma(e^+e^- \rightarrow Y\delta 1S\eta) \approx 0.42 \pm 0.08 \pm 0.04$ pb. We also set the upper limit on the cross section of the process $e^+e^- \rightarrow Y\delta 1S\eta_0$ to be $\sigma(e^+e^- \rightarrow Y\delta 1S\eta_0) < 0.037$ pb at 90% C.L. The results are obtained with the data sample collected with the Belle detector at the KEKB asymmetric-energy e^+e^- collider in the energy range from 10.63 to 11.02 GeV
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