

Studies of hadron spectroscopy at Belle and Belle II

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The Belle and Belle II experiments have collected a 1.4 ab^{-1} sample of e^+e^- collision data at centre-of-mass energies near the $\Upsilon(nS)$ resonances. These data include a 19.2 fb^{-1} sample collected near the $\Upsilon(10753)$ resonance. We present several results related to the following processes: $e^+e^- \rightarrow \Upsilon(nS)\eta$, $e^+e^- \rightarrow \gamma X_b(\chi_{bJ}\pi^+\pi^-)$, $e^+e^- \rightarrow h_b(1P)\eta$ and $e^+e^- \rightarrow \chi_{bJ}(1P)\omega$. The last analysis also includes data samples collected by Belle at similar centre-of-mass energies. In addition, we present Belle measurements of the B^0 and B^+ meson mass difference, a pentaquark search in $\Upsilon(1S)$ and $\Upsilon(2S)$ decays, as well as studies of $h_b(2P)$ decays to the $\eta\Upsilon(1S)$ and $\chi_{bJ}\gamma$ final states.

Alternate track

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