

Abstract Submitted
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Search for transitions in bottomonium involving a single pseudoscalar meson TODD PEDLAR, Luther College, CLEO COLLABORATION
— Using approximately 9 million $\Upsilon(2S)$ decays and 6 million $\Upsilon(3S)$ decays, the CLEO Collaboration has searched for rare hadronic transitions between the Υ states involving a single π^0 or η meson. We present the results of the measurements or upper limits for each of the following transitions: $\Upsilon(3S) \rightarrow \Upsilon(1S)(\pi^0 \text{ or } \eta)$, $\Upsilon(3S) \rightarrow \Upsilon(2S)\pi^0$, $\Upsilon(2S) \rightarrow \Upsilon(1S)(\pi^0 \text{ or } \eta)$.

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