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**Measurement of Upper Limits for $\Upsilon \to \gamma + \mathcal{R}$ Decays** SHAWN HENDERSON, University of Kansas, CLEO COLLABORATION — Using data collected from the CLEO III detector at the Cornell Electron Storage Ring, we report on a new study of exclusive radiative decays of the $\Upsilon$ resonances into two-body final states $\mathcal{R}\gamma$, with $\mathcal{R}$ some resonant hadronic state. We present preliminary upper limits for these $\Upsilon$(1S), $\Upsilon$(2S), and $\Upsilon$(3S) two-body decays as a function of $\gamma$ energy. Additionally, we place upper limits on two-body final states of continuum $q\overline{q}$ decays for center-of-mass energies just below the $\Upsilon$(1S), $\Upsilon$(2S), and $\Upsilon$(3S) energies.

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