

Abstract Submitted
for the APR09 Meeting of
The American Physical Society

Search for the transition $\chi_{b0} \rightarrow \Upsilon(1S)\gamma$ PETER LEWIS, RAFE SCHINDLER, SLAC, BABAR COLLABORATION — We present the results of a search for the transition $\chi_{b0} \rightarrow \Upsilon(1S)\gamma$ in the exclusive reconstruction $\Upsilon(2S) \rightarrow \chi_{b0}\gamma$; $\chi_{b0} \rightarrow \Upsilon(1S)\gamma$; $\Upsilon(1S) \rightarrow \mu\mu$. Our results use 14 pb^{-1} of data collected at the $\Upsilon(2S)$ resonance with the *BABAR* detector at the PEP-II e^+e^- storage rings.

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Date submitted: 08 Jan 2009

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