

• Searched inclusive  $\Upsilon(2S,3S) \rightarrow \gamma X$ • Set ULs on these BRs at 90% CL •  $B[\Upsilon(3S) \rightarrow \gamma \eta_b(2S)] < 6.2 \times 10^{-4}$ •  $B[\Upsilon(2S) \rightarrow \gamma \eta_b(1S)] < 5.1 \times 10^{-4}$ •  $B[\Upsilon(3S) \rightarrow \gamma \eta_b(1S)] < 4.3 \times 10^{-4}$ 

Published limits to be corrected
Ignored ISR peak from e<sup>+</sup>e<sup>-</sup> → γΥ(1S, 2S)

- Could improve sensitivity
  - Did not utilize information on angle of
    - γ w.r.t. event thrust axis as did BaBar [ PRL101, 071801 (2008) ]

We are currently re-analyzing our data