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Υ Production and Spin Alignment in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV RICHARD GREGORY FEILD, Yale, CDF COLLABORATION — We report on measurements of the $\Upsilon(1S)$, $\Upsilon(2S)$ and $\Upsilon(3S)$ differential cross sections $(d^2\sigma/dp_T dy)_{|y|<0.6}$, as well as on the Υ spin alignment in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using a sample of 360 pb^{-1} collected by the CDF II detector. The three resonances were reconstructed through the decay $\Upsilon \rightarrow \mu^+\mu^-$.

Richard Gregory Feild
Yale

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