

Observed 95% CL

 $\text{BR}(\tilde{t}_1 \rightarrow \tilde{\chi}_1^\pm b) = 1$ 

a)

CDF Run II (2.7 fb<sup>-1</sup>) $m(\tilde{\chi}_1^\pm) = 105.8 \text{ GeV}/c^2$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 1.0$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 0.50$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 0.25$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 0.11$  $m(\tilde{\chi}_1^0) \text{ GeV}/c^2$ 

b)

 $m(\tilde{\chi}_1^\pm) = 125.8 \text{ GeV}/c^2$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 1.0$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 0.50$  $\text{BR}^2(\tilde{\chi}_1^\pm \rightarrow \tilde{\chi}_1^0 \nu l) = 0.25$ 

Excluded by LEP

 $m(\tilde{\chi}_1^0) \text{ GeV}/c^2$  $m(\tilde{t}_1) \text{ GeV}/c^2$ 