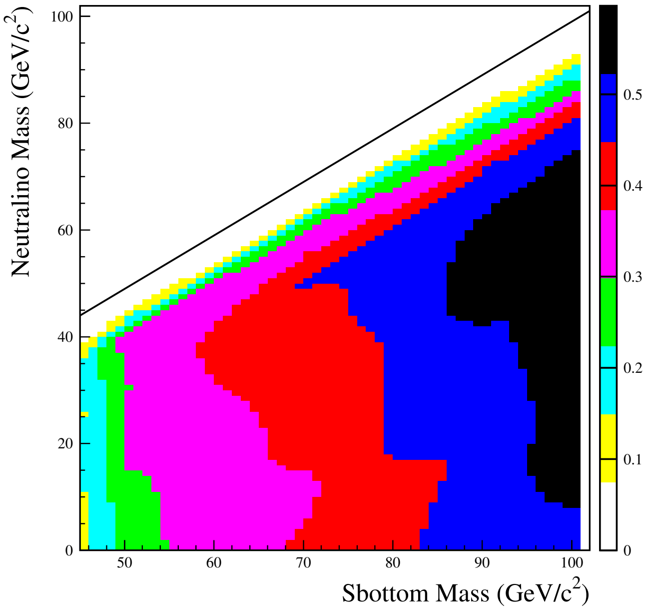
Sbottom Analysis

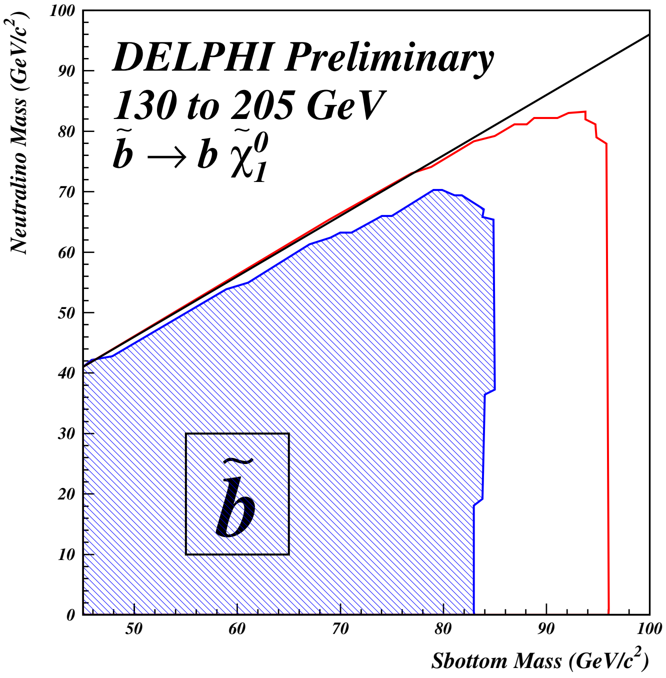
	data	MC
$\Delta M > 30$	4	**3.42±0.37**
$\Delta M \leq 30$	0	**0.88±0.22**
205	4	**3.81±0.41**



- **DELPHI results from 130 to this year are combined.**
  $\mathcal{L}_{2000} = \mathbf{91.41}\mathrm{p}b^{-1} \Longrightarrow L_{tot} = \mathbf{555.3}\ \mathrm{pb}^{-1}$
- **We used $\sqrt{s}$ = 205 GeV for this year data.**
- **We assumed 100 % BR in this decay channel**
- **Excluded regions at 95 % CL are obtained using ALRMC.**

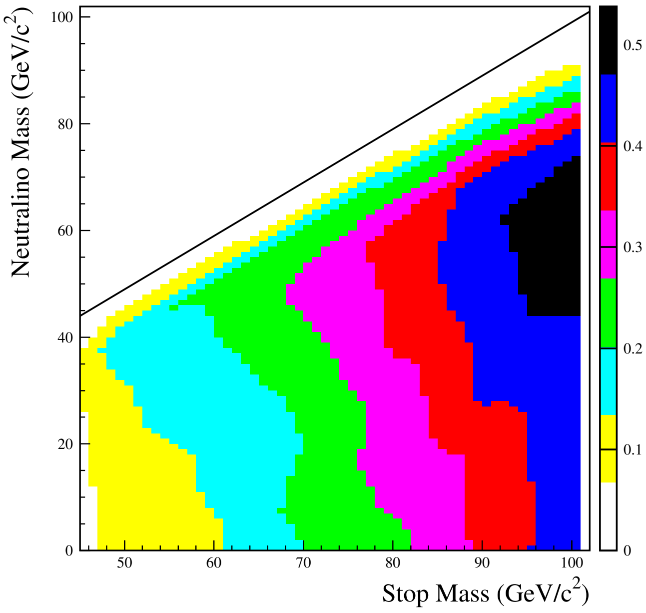
For $\Delta M \geq$ 15 GeV/c^2:

	Limit (GeV/c^2)
$\Theta_{\tilde{b}} = \mathbf{0}$	$M_{\tilde{b}_1} \geq \mathbf{96}$
$\Theta_{\tilde{b}} = \mathbf{68}$	$M_{\tilde{b}_1} \geq \mathbf{83}$



Stop Analysis

	data	MC
$\Delta M > 30$	6	4.46±0.41
$\Delta M \leq 30$	0	1.47±0.22
205	6	5.30±0.44



- **DELPHI results from 130 to this year are combined.** $\mathcal{L}_{2000} = \mathbf{91.41}\ \mathrm{pb}^{-1} \Longrightarrow \mathcal{L}_{tot} = \mathbf{555.3}\ \mathrm{pb}^{-1}$
- **We used $\sqrt{s}$ = 205 GeV for this year data.**
- **We assumed 100 % BR in this decay channel**
- **Excluded regions at 95 % CL are obtained using ALRMC.**

For $\Delta M \geq$ 15 GeV/c^2:

	Limit (GeV/c^2)
$\Theta_{\tilde{t}} = \mathbf{0}$	$M_{\tilde{t}_1} \geq \mathbf{95}$
$\Theta_{\tilde{t}} = \mathbf{56}$	$M_{\tilde{t}_1} \geq \mathbf{91}$