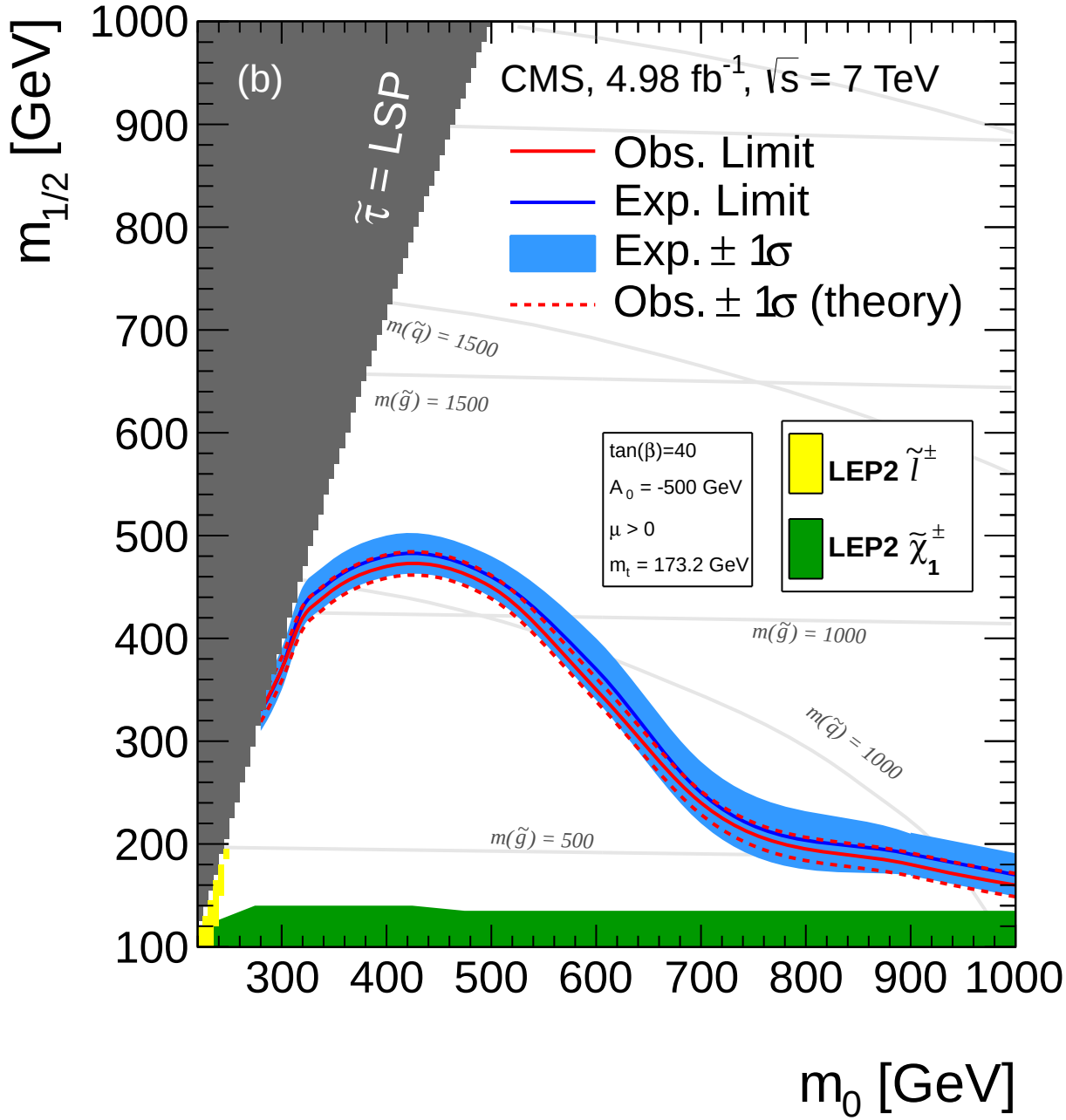
(b)
CMS, 4.98 fb^{-1}, $\sqrt{s}$ = 7 TeV
$\tilde{\tau}$ = LSP
Obs. Limit
Exp. Limit
Exp. ± 1σ
Obs. ± 1σ (theory)
$m(\tilde{q})$ = 1500
$m(\tilde{g})$ = 1500
tan(β)=40
A_0 = -500 GeV
μ > 0
m_t = 173.2 GeV
LEP2 $\tilde{l}^{\pm}$
LEP2 $\tilde{\chi}_1^{\pm}$
$m(\tilde{g})$ = 1000
$m(\tilde{q})$ = 1000
$m(\tilde{g})$ = 500
$m_{1/2}$ [GeV]
m_0 [GeV]
1000
900
800
700
600
500
400
300
200
100
300
400
500
600
700
800
900
1000