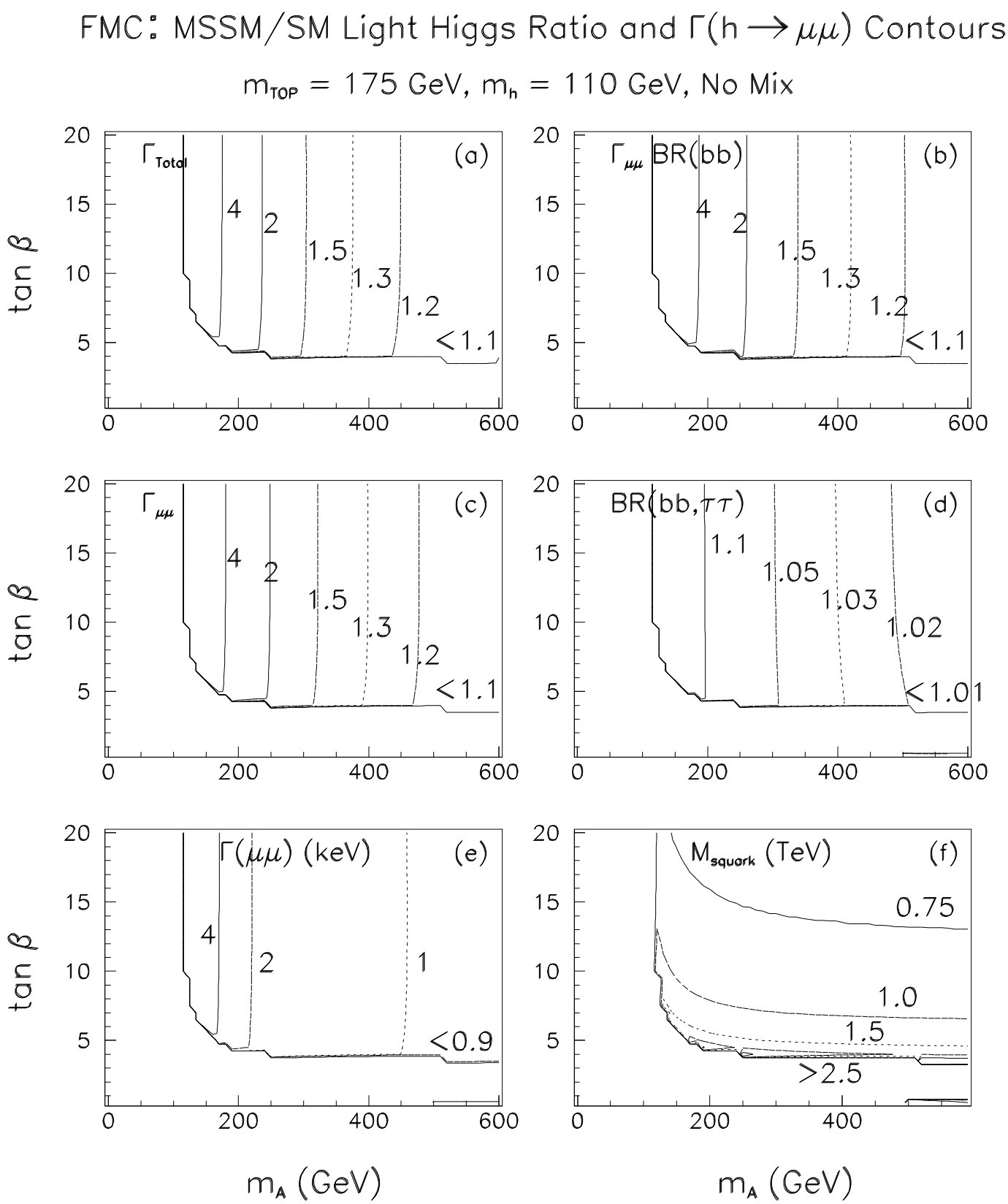
FMC: MSSM/SM Light Higgs Ratio and Γ(h → μμ) Contours
m_TOP = 175 GeV, m_h = 110 GeV, No Mix
Γ_Total
(a)
4
2
1.5
1.3
1.2
<1.1
Γ_μμ BR(bb)
(b)
4
2
1.5
1.3
1.2
<1.1
Γ_μμ
(c)
4
2
1.5
1.3
1.2
<1.1
BR(bb,ττ)
(d)
1.1
1.05
1.03
1.02
<1.01
Γ(μμ) (keV)
(e)
4
2
1
<0.9
M_squark (TeV)
(f)
0.75
1.0
1.5
>2.5
tan β
m_A (GeV)
0
200
400
600
5
10
15
20