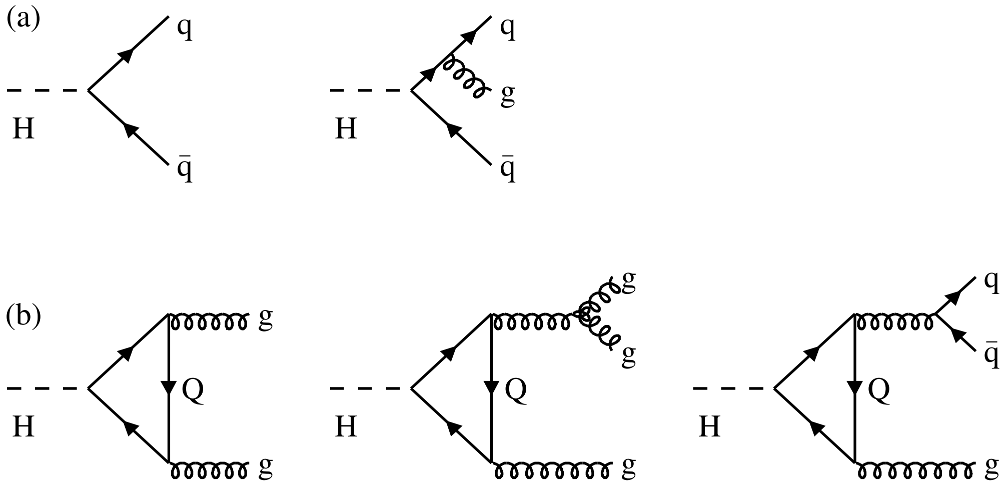

(a)
H
q
q̄
g
(b)
Q

Fig. 1

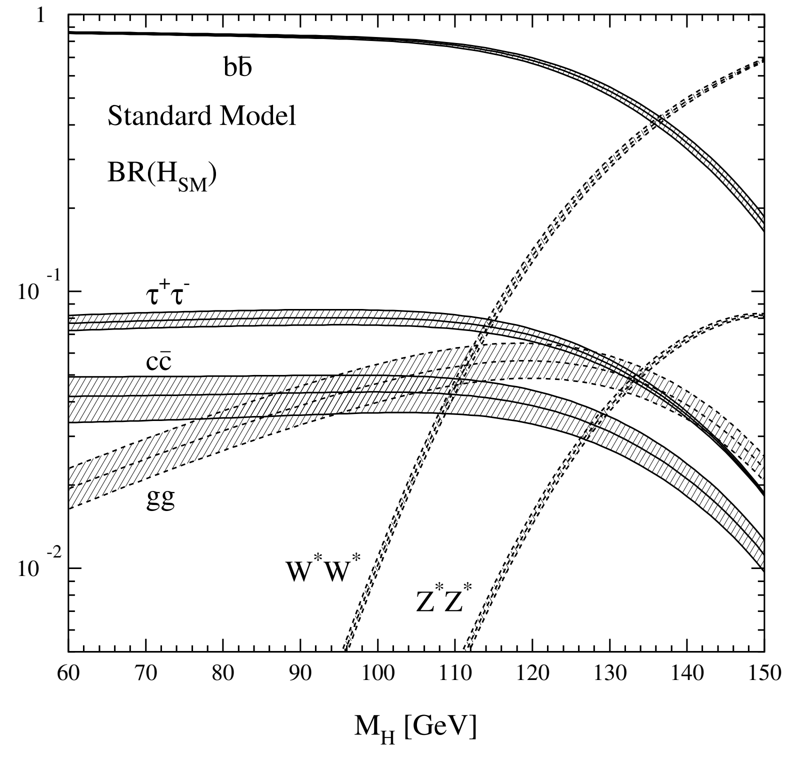
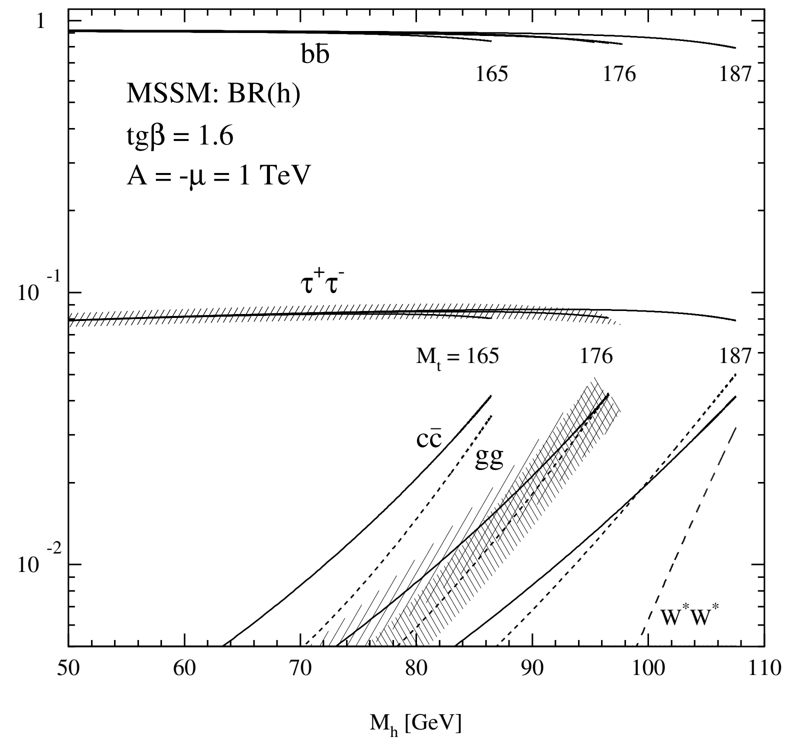
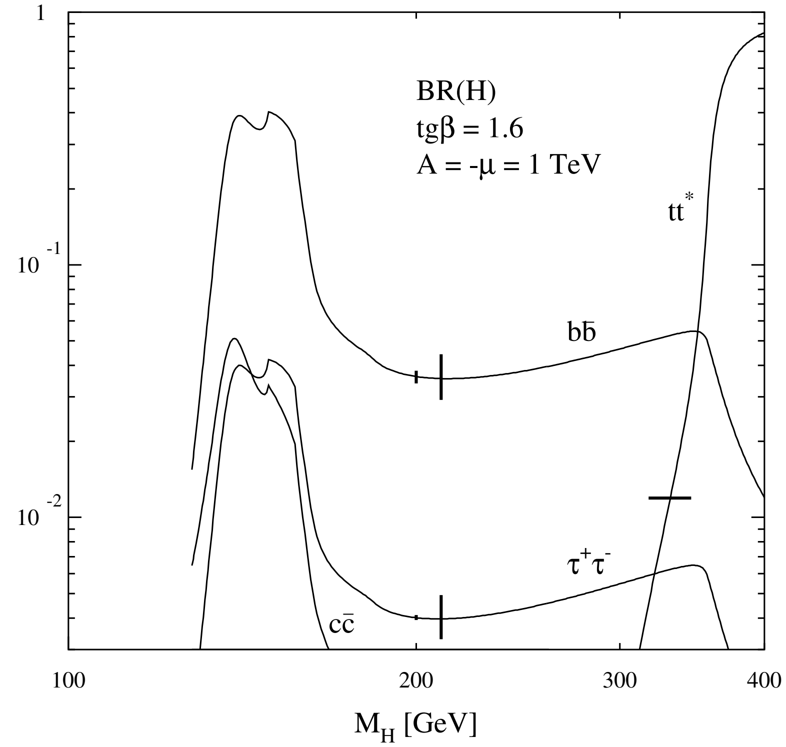

bb̄
Standard Model
BR(H_SM)
τ⁺τ⁻
cc̄
gg
W*W*
Z*Z*
1
10^-1
10^-2
60
70
80
90
100
110
120
130
140
150
M_H [GeV]

Fig. 2



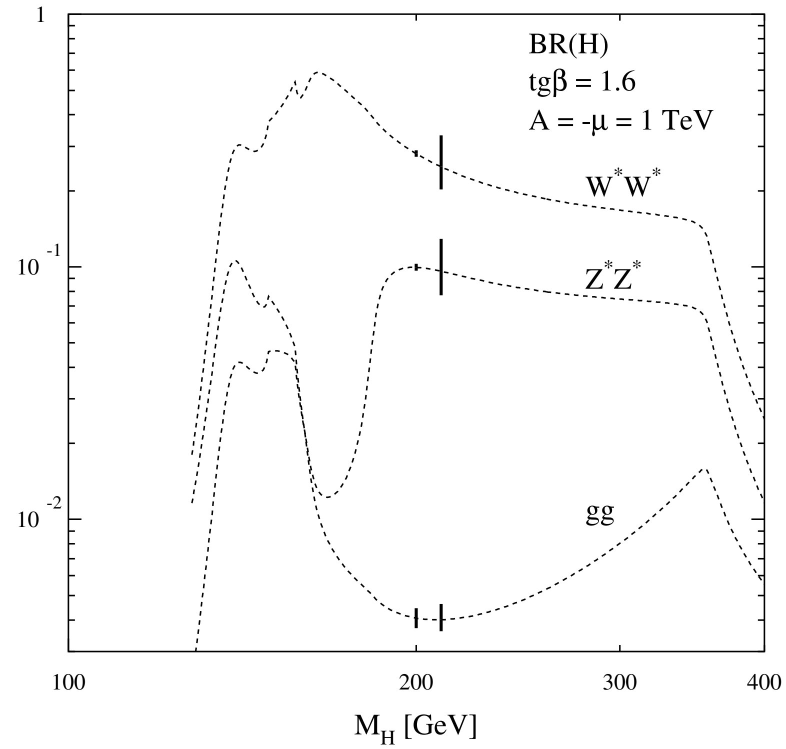
MSSM: BR(h)
tgβ = 1.6
A = -μ = 1 TeV
bb̄
165
176
187
τ⁺τ⁻
M_t = 165
176
187
cc̄
gg
W*W*
1
10^-1
10^-2
50
60
70
80
90
100
110
M_h [GeV]

Fig. 3a



BR(H)
tgβ = 1.6
A = -μ = 1 TeV
tt*
bb̄
τ⁺τ⁻
cc̄
1
10^-1
10^-2
100
200
300
400
M_H [GeV]

Fig. 3b


BR(H)
tgβ = 1.6
A = -μ = 1 TeV
W*W*
Z*Z*
gg
1
10 -1
10 -2
100
200
300
400
M_H [GeV]

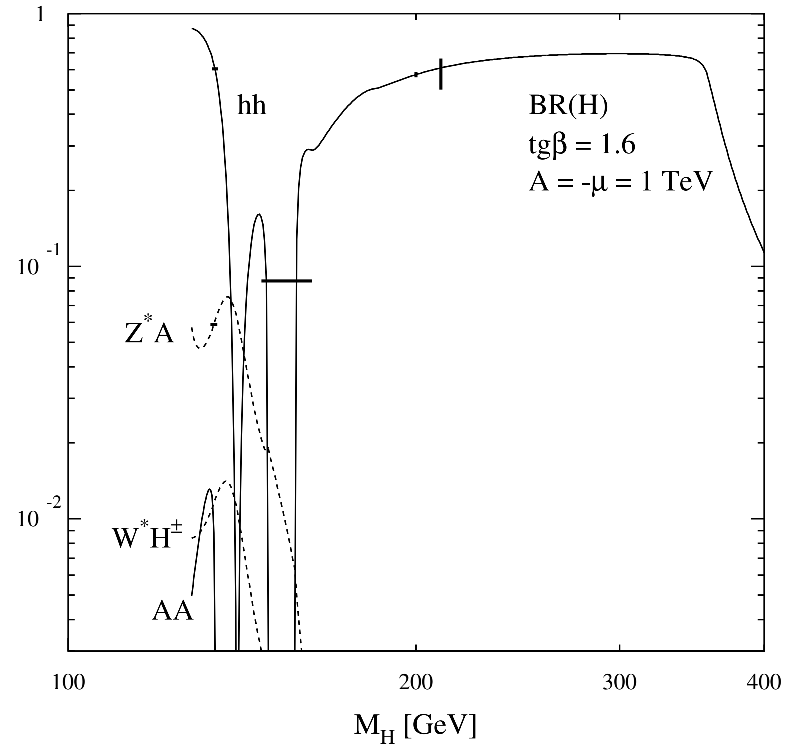

hh
BR(H)
tgβ = 1.6
A = -μ = 1 TeV
Z*A
W*H±
AA
1
10 -1
10 -2
100
200
300
400
M_H [GeV]

Fig. 3b cont'd

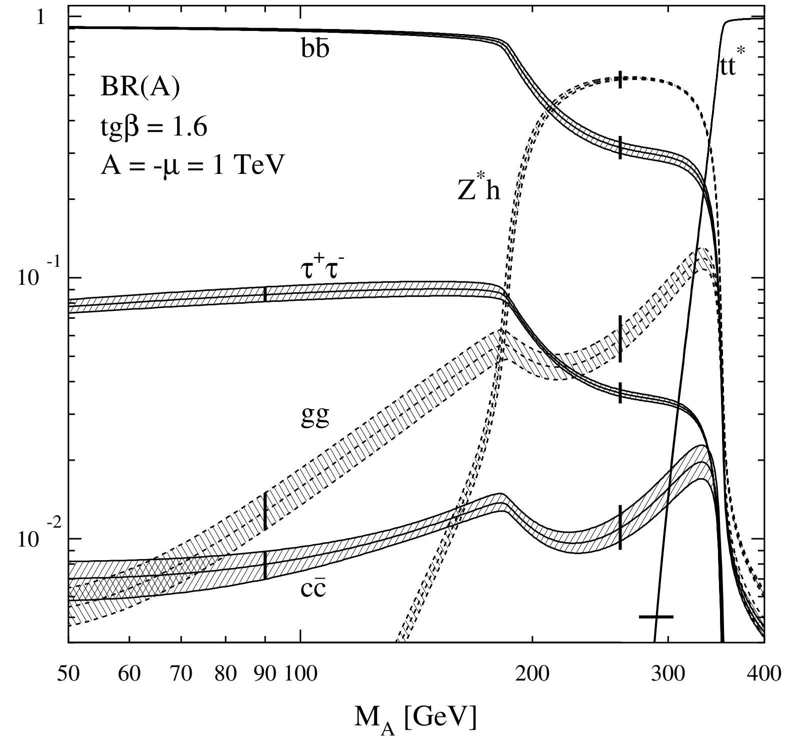

BR(A)
tgβ = 1.6
A = -μ = 1 TeV
bb̄
tt*
Z*h
τ+τ-
gg
cc̄
1
10 -1
10 -2
50
60
70
80
90
100
200
300
400
M_A [GeV]

Fig. 3c

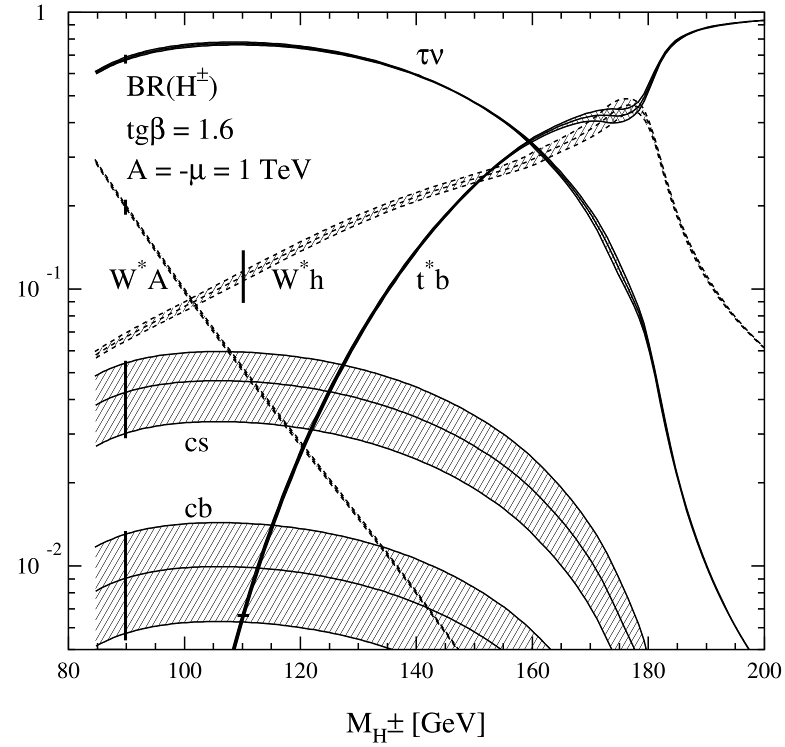

BR(H±)
tgβ = 1.6
A = -μ = 1 TeV
τν
W*A
W*h
t*b
cs
cb
1
10 -1
10 -2
80
100
120
140
160
180
200
M_H± [GeV]

Fig. 3d