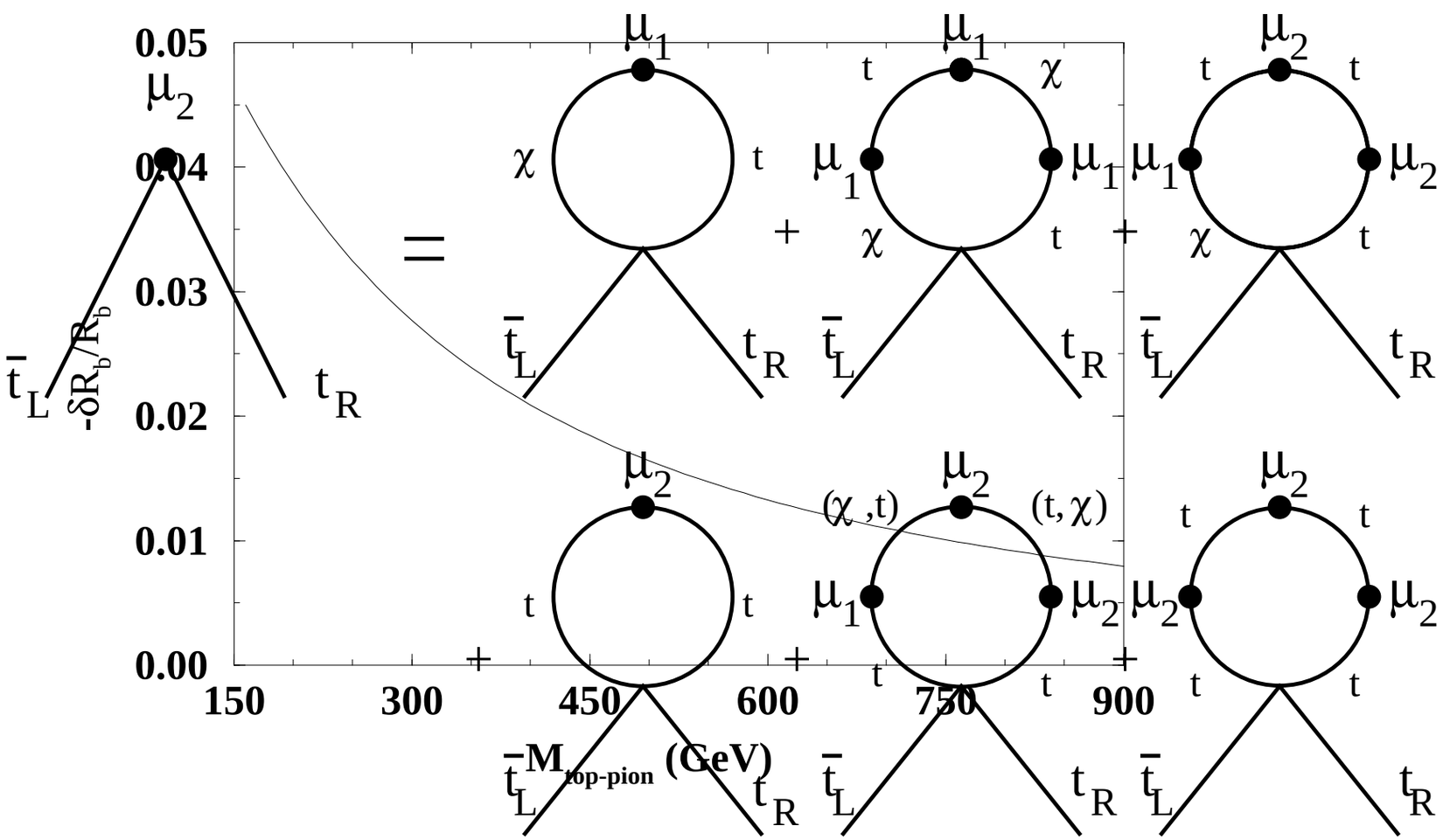
0.05
0.04
0.03
0.02
0.01
0.00
150
300
450
600
750
900
$-\delta R_b/R_b$
$-M_{top\text{-}pion}$ (GeV)
$\mu_2$
$\bar{t}_L$
$t_R$
=
+
$\mu_1$
$\chi$
t
(χ ,t)
(t, χ)

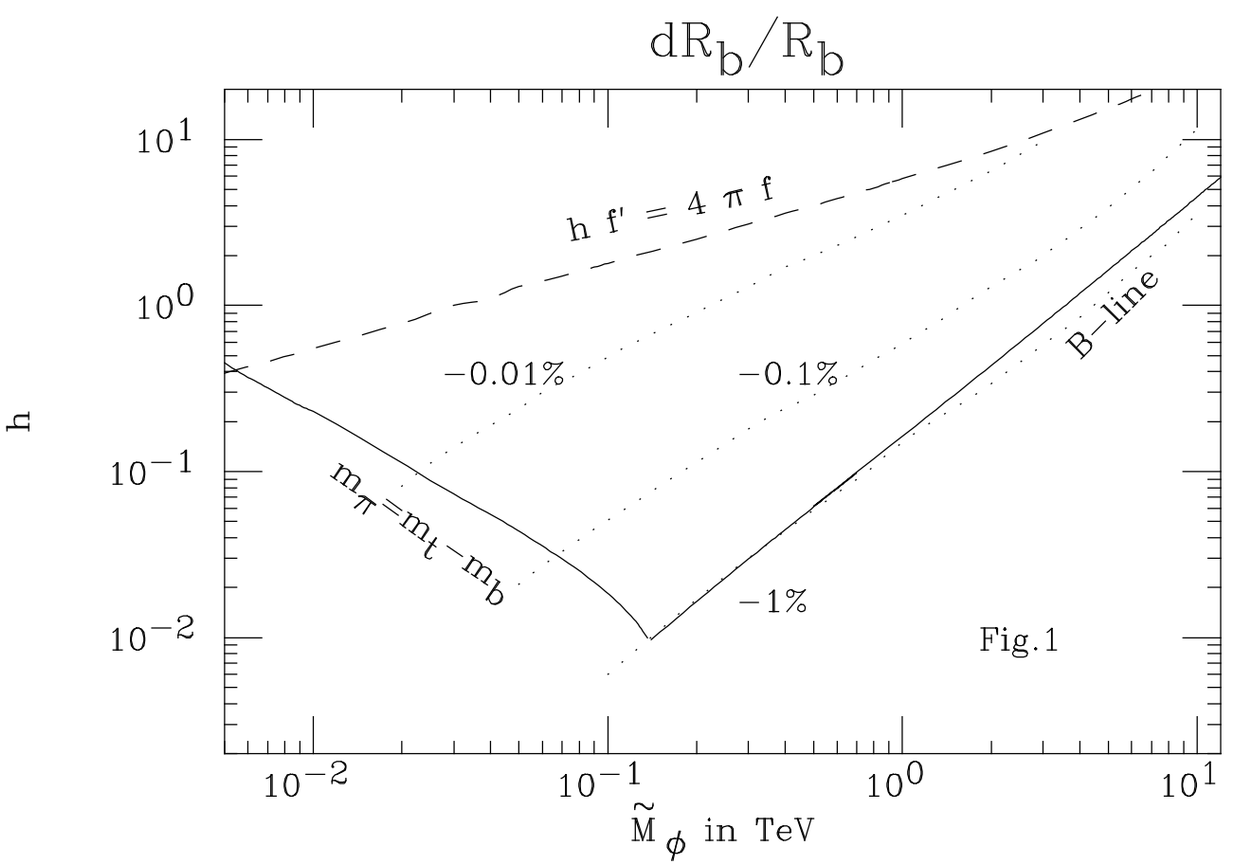
dR_b/R_b
h f' = 4 π f
−0.01%
−0.1%
−1%
B−line
m_π=m_t−m_b
h
10^1
10^0
10^−1
10^−2
10^−2
10^−1
10^0
10^1
M̃_φ in TeV

Fig.1

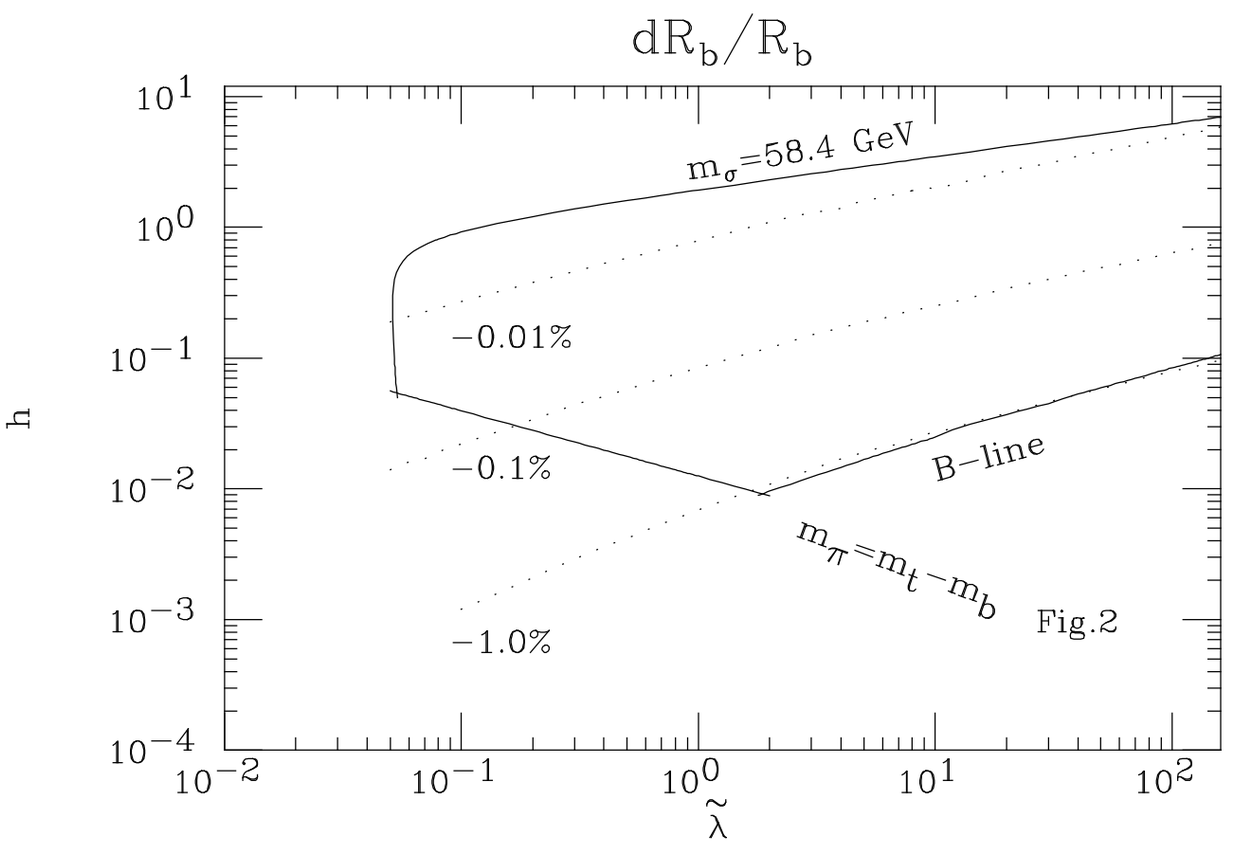
dR_b/R_b
m_σ=58.4 GeV
−0.01%
−0.1%
−1.0%
B−line
m_π=m_t−m_b
h
10^1
10^0
10^−1
10^−2
10^−3
10^−4
10^−2
10^−1
10^0
10^1
10^2
λ̃

Fig.2