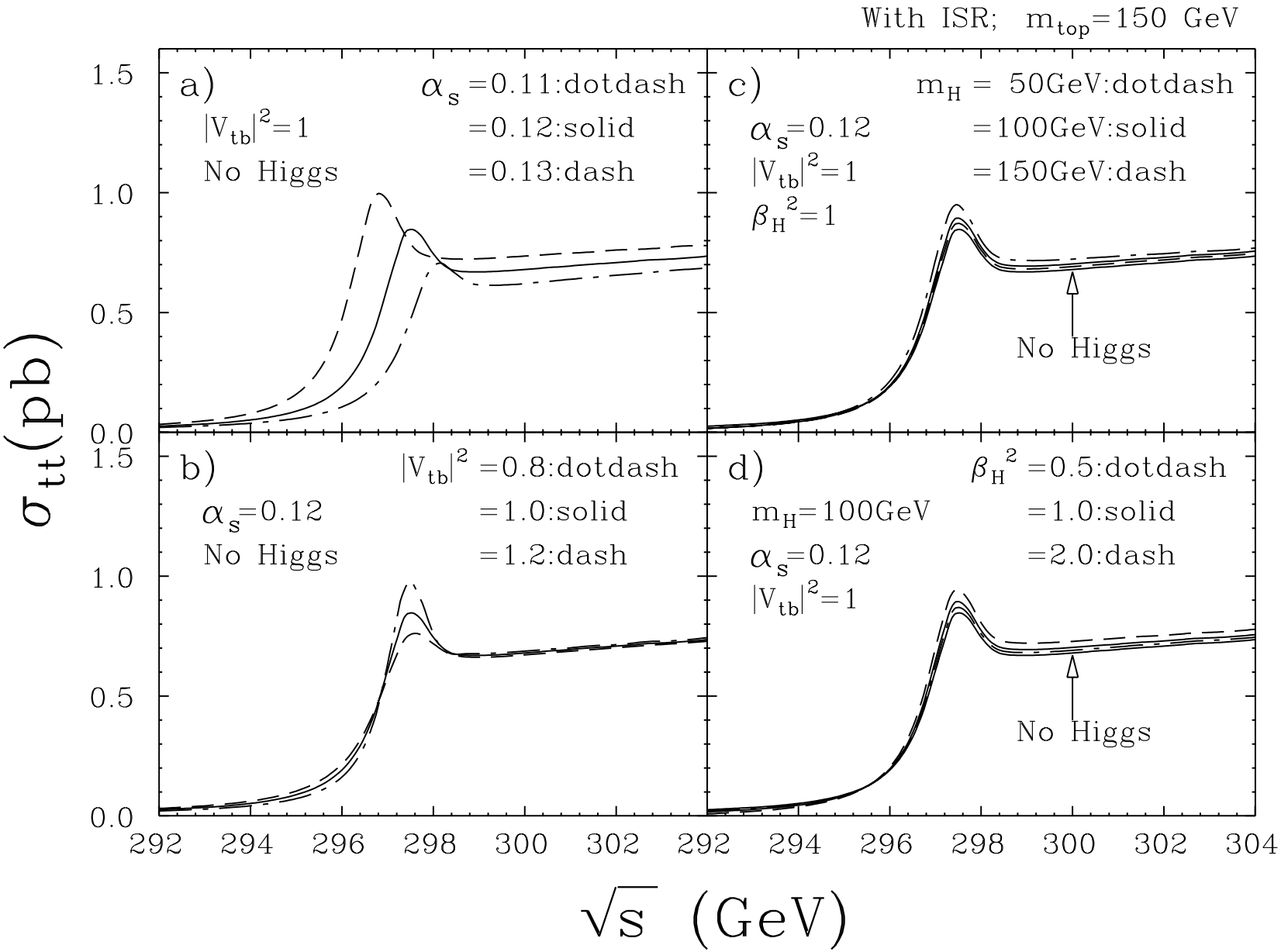
With ISR; m_{top}=150 GeV
a)
α_s =0.11:dotdash
=0.12:solid
=0.13:dash
$|V_{tb}|^2$=1
No Higgs
c)
m_H = 50GeV:dotdash
=100GeV:solid
=150GeV:dash
α_s=0.12
$|V_{tb}|^2$=1
β_H^2=1
No Higgs
b)
$|V_{tb}|^2$ =0.8:dotdash
=1.0:solid
=1.2:dash
α_s=0.12
No Higgs
d)
β_H^2 =0.5:dotdash
=1.0:solid
=2.0:dash
m_H=100GeV
α_s=0.12
$|V_{tb}|^2$=1
No Higgs
σ_{tt}(pb)
$\sqrt{s}$ (GeV)
0.0
0.5
1.0
1.5
292
294
296
298
300
302
304