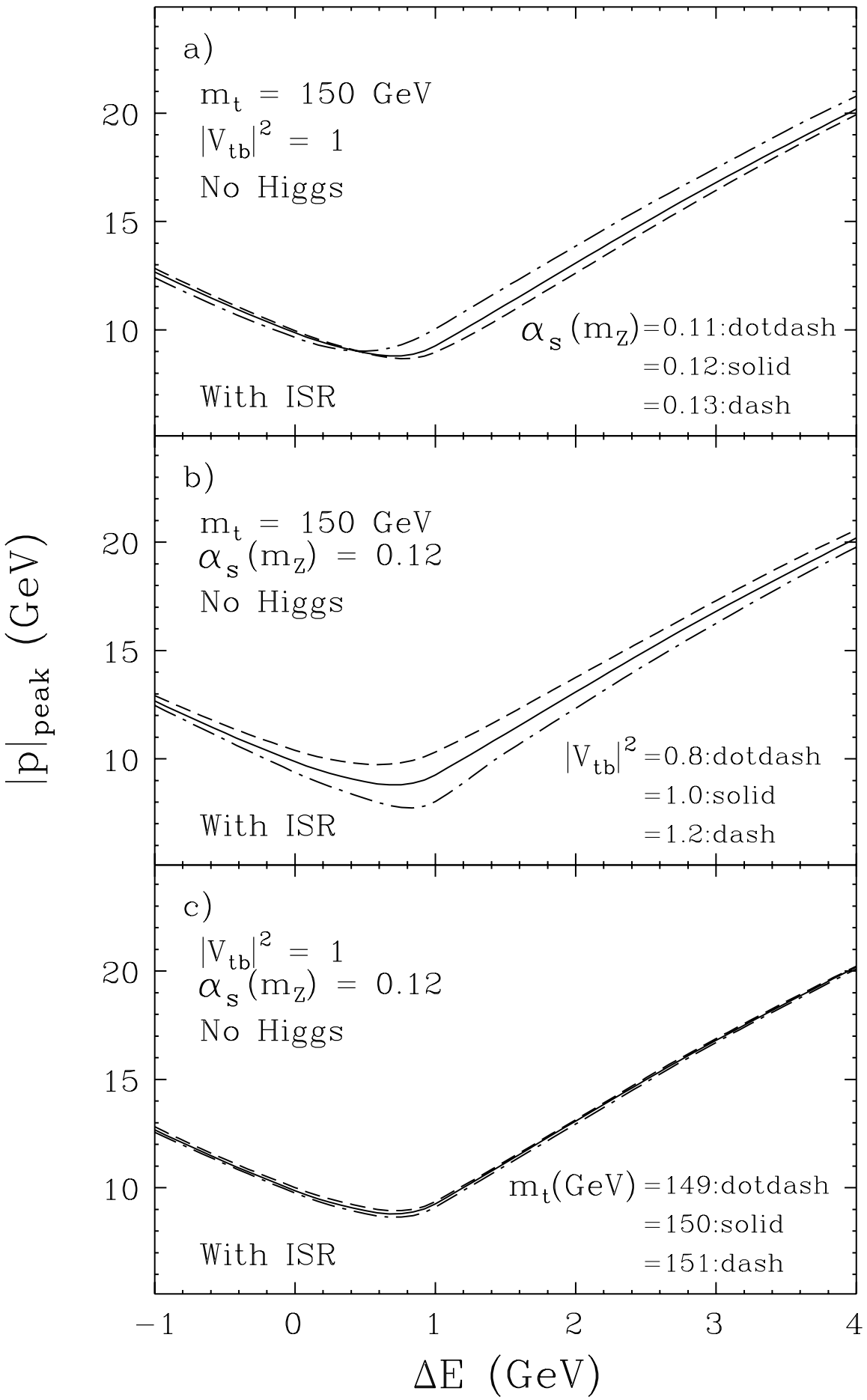
a)
m_t = 150 GeV
$|V_{tb}|^2$ = 1
No Higgs
With ISR
$\alpha_s(m_Z)$=0.11:dotdash
=0.12:solid
=0.13:dash
b)
m_t = 150 GeV
$\alpha_s(m_Z)$ = 0.12
No Higgs
With ISR
$|V_{tb}|^2$=0.8:dotdash
=1.0:solid
=1.2:dash
c)
$|V_{tb}|^2$ = 1
$\alpha_s(m_Z)$ = 0.12
No Higgs
With ISR
m_t(GeV)=149:dotdash
=150:solid
=151:dash
$|p|_{peak}$ (GeV)
ΔE (GeV)
10
15
20
−1
0
1
2
3
4