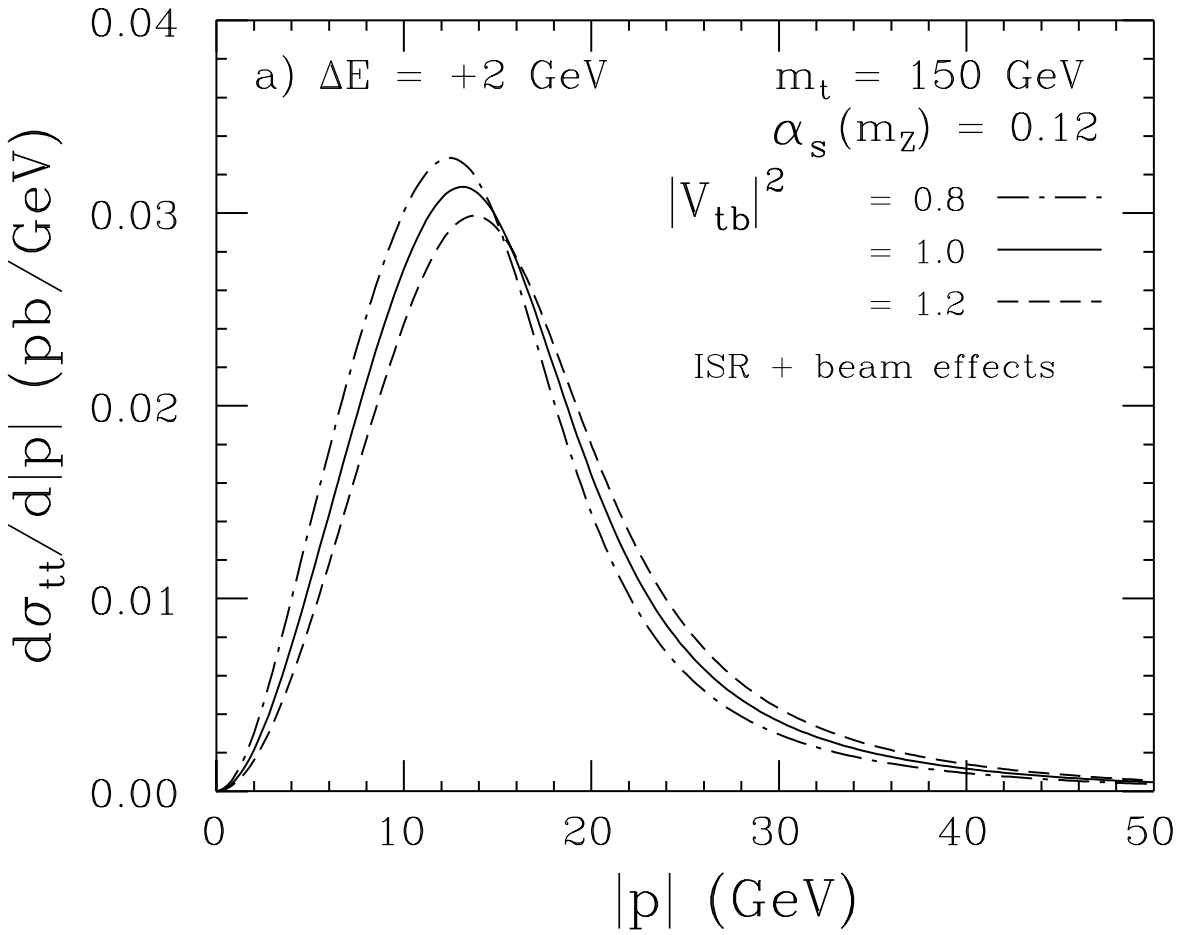
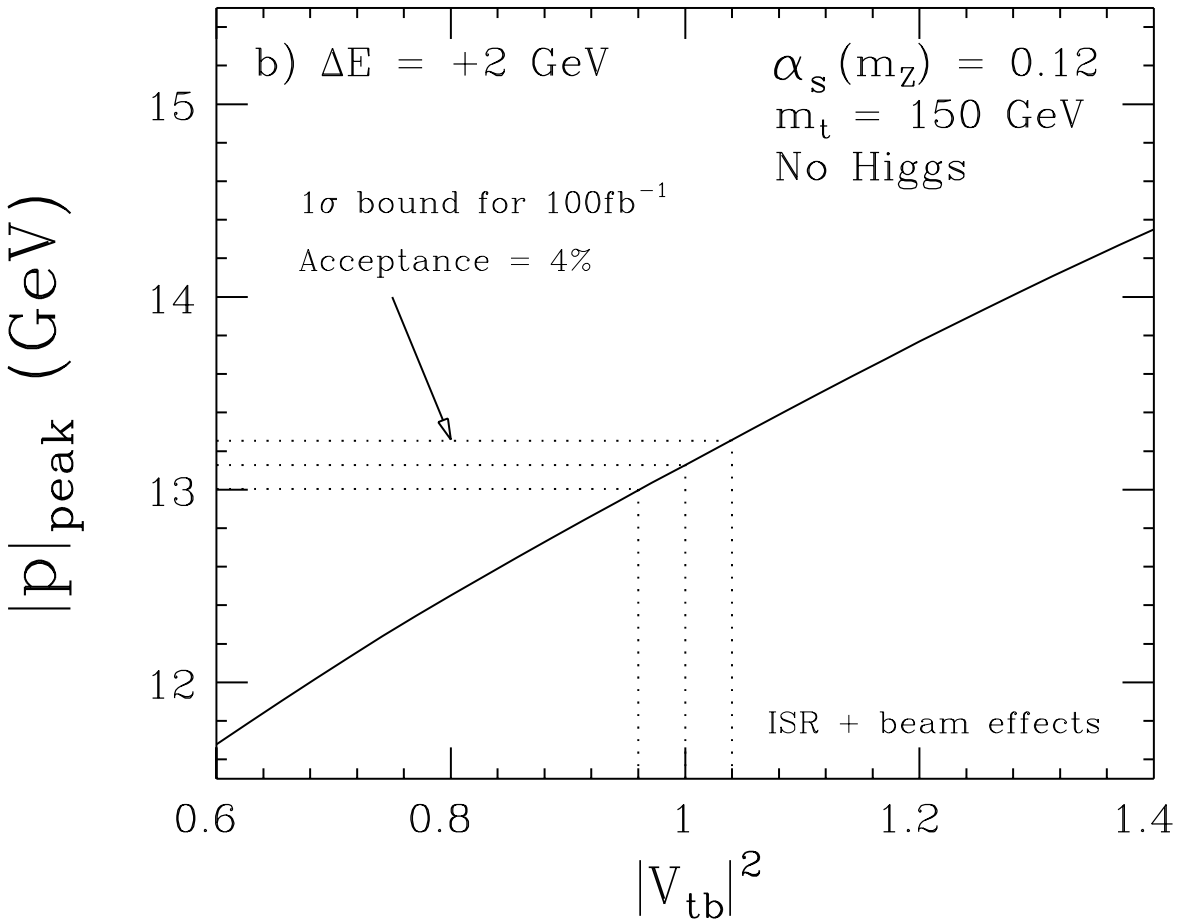

a) ΔE = +2 GeV
m_t = 150 GeV
$\alpha_s(m_Z)$ = 0.12
$|V_{tb}|^2$
= 0.8
= 1.0
= 1.2
ISR + beam effects
$d\sigma_{tt}/d|p|$ (pb/GeV)
|p| (GeV)
0.00
0.01
0.02
0.03
0.04
0
10
20
30
40
50


b) ΔE = +2 GeV
$\alpha_s(m_Z)$ = 0.12
m_t = 150 GeV
No Higgs
1σ bound for 100fb^{-1}
Acceptance = 4%
ISR + beam effects
$|p|_{peak}$ (GeV)
$|V_{tb}|^2$
12
13
14
15
0.6
0.8
1
1.2
1.4