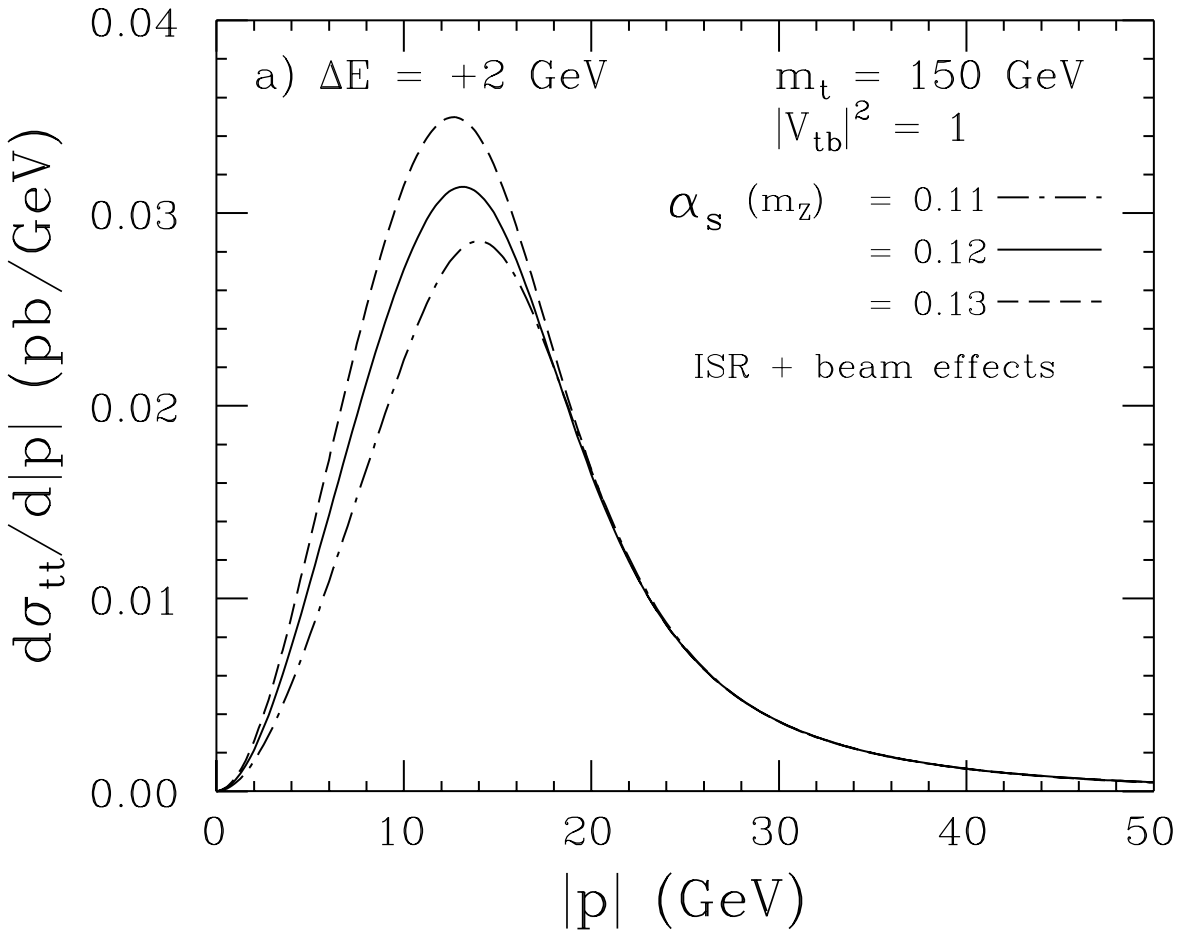
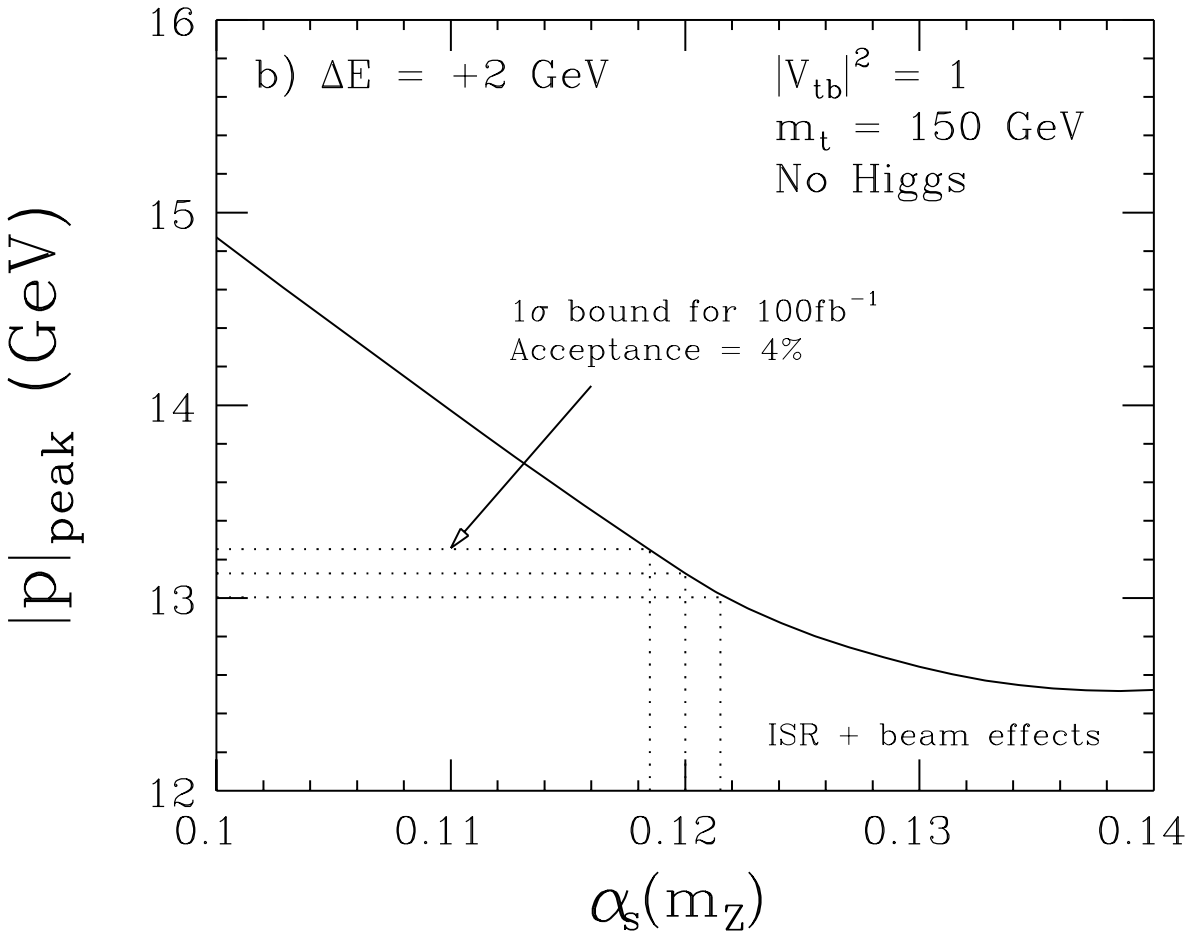

a) ΔE = +2 GeV
m_t = 150 GeV
$|V_{tb}|^2$ = 1
α_s (m_Z) = 0.11
= 0.12
= 0.13
ISR + beam effects
$d\sigma_{tt}/d|p|$ (pb/GeV)
|p| (GeV)
0.00
0.01
0.02
0.03
0.04
0
10
20
30
40
50


b) ΔE = +2 GeV
$|V_{tb}|^2$ = 1
m_t = 150 GeV
No Higgs
1σ bound for 100fb^{-1}
Acceptance = 4%
ISR + beam effects
$|p|_{peak}$ (GeV)
$\alpha_s(m_Z)$
12
13
14
15
16
0.1
0.11
0.12
0.13
0.14