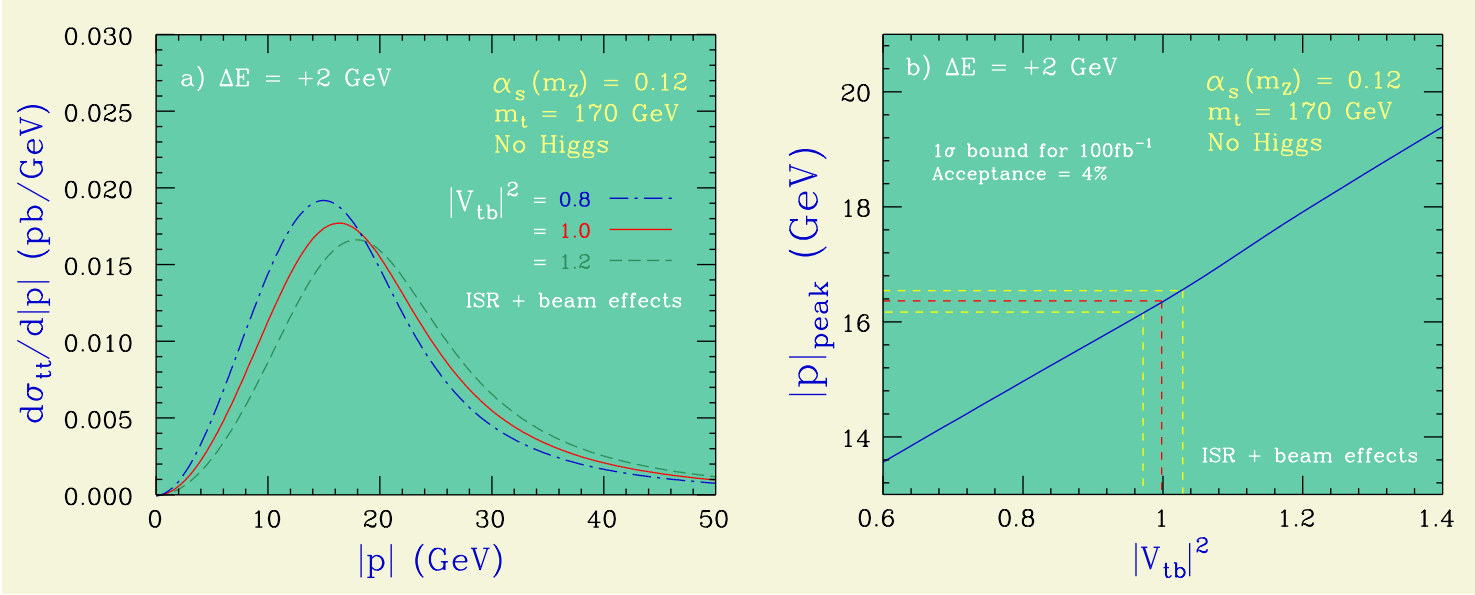
a) ΔE = +2 GeV
$\alpha_s(m_z)$ = 0.12
m_t = 170 GeV
No Higgs
$|V_{tb}|^2$ = 0.8
= 1.0
= 1.2
ISR + beam effects
$d\sigma_{tt}/d|p|$ (pb/GeV)
|p| (GeV)
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
10
20
30
40
50
b) ΔE = +2 GeV
$\alpha_s(m_z)$ = 0.12
m_t = 170 GeV
No Higgs
1σ bound for 100fb^{-1}
Acceptance = 4%
ISR + beam effects
$|p|_{peak}$ (GeV)
$|V_{tb}|^2$
20
18
16
14
0.6
0.8
1
1.2
1.4