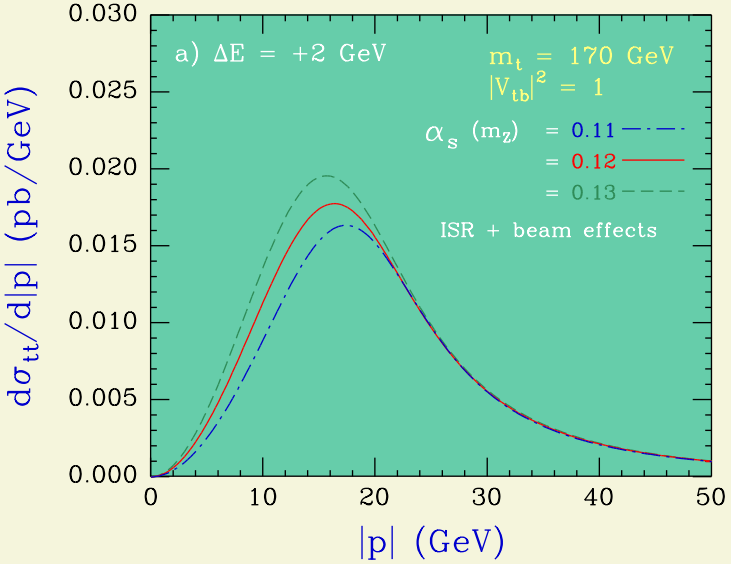
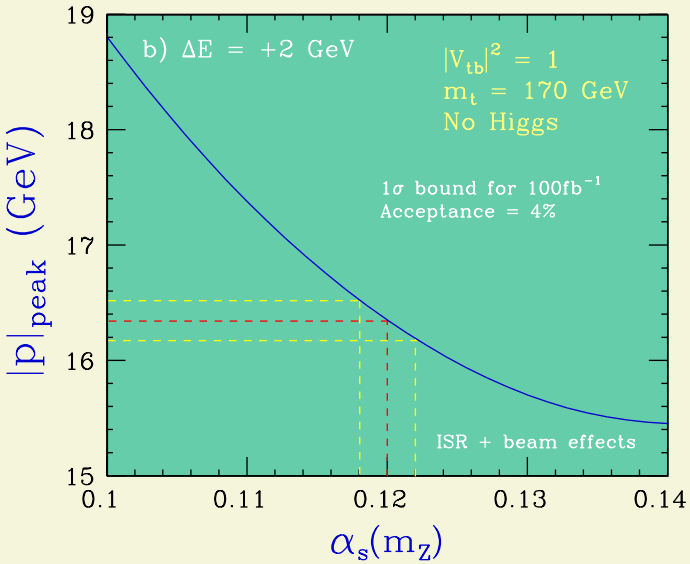

a) ΔE = +2 GeV
m_t = 170 GeV
$|V_{tb}|^2$ = 1
α_s (m_Z) = 0.11
= 0.12
= 0.13
ISR + beam effects
$d\sigma_{tt}/d|p|$ (pb/GeV)
|p| (GeV)
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
10
20
30
40
50


b) ΔE = +2 GeV
$|V_{tb}|^2$ = 1
m_t = 170 GeV
No Higgs
1σ bound for 100fb^{-1}
Acceptance = 4%
ISR + beam effects
$|p|_{peak}$ (GeV)
$\alpha_s(m_Z)$
19
18
17
16
15
0.1
0.11
0.12
0.13
0.14