

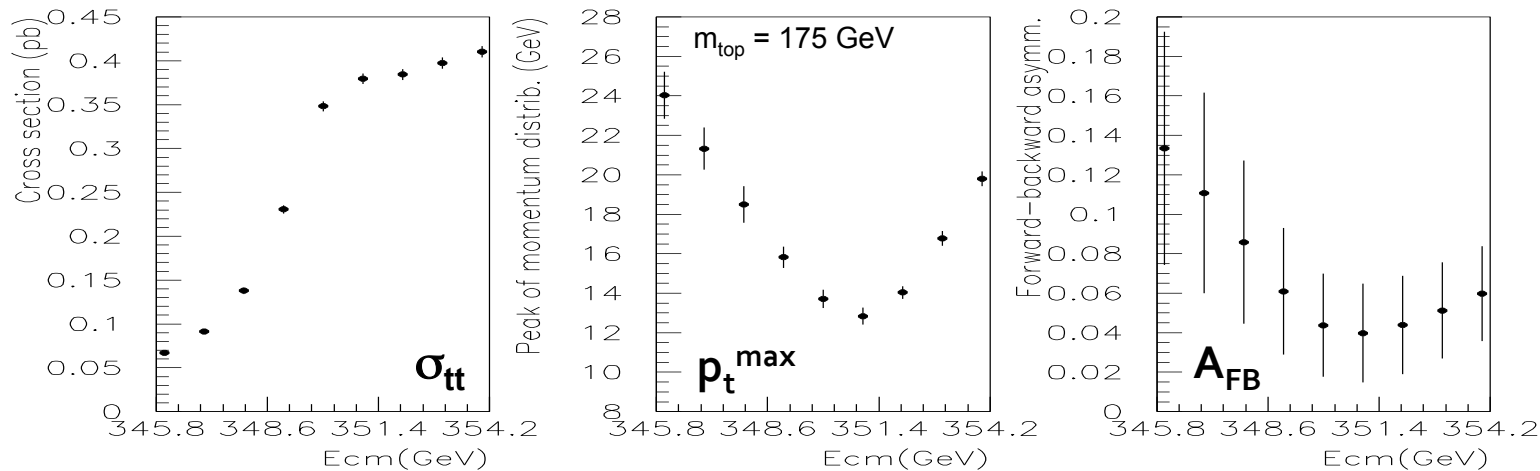
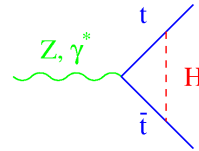
Top Measurements at $\sqrt{s} \sim 350$ GeV (1)

Scan of the $t\bar{t}$ threshold

◆ Observables $\sigma_{t\bar{t}}$, A_{FB} and $\langle p_t^{\max} \rangle$ sensitive to m_{top} , Γ_{top} , and λ_{top} (ttH Yukawa coupling)

● Experimental precision (for ILC)

➔ No beamstrahlung at TLEP is a advantage



● Sensitivity with 300 fb^{-1} for ILC (expected to be better for TLEP)

Δm_{top}	$\Delta \Gamma_{\text{top}}$	$\Delta \lambda_{\text{top}} / \lambda_{\text{top}}$
30 MeV (0.02%)	35 MeV (3%)	30%

● Studies of rare top decays