

✓ $t\bar{t}\gamma$

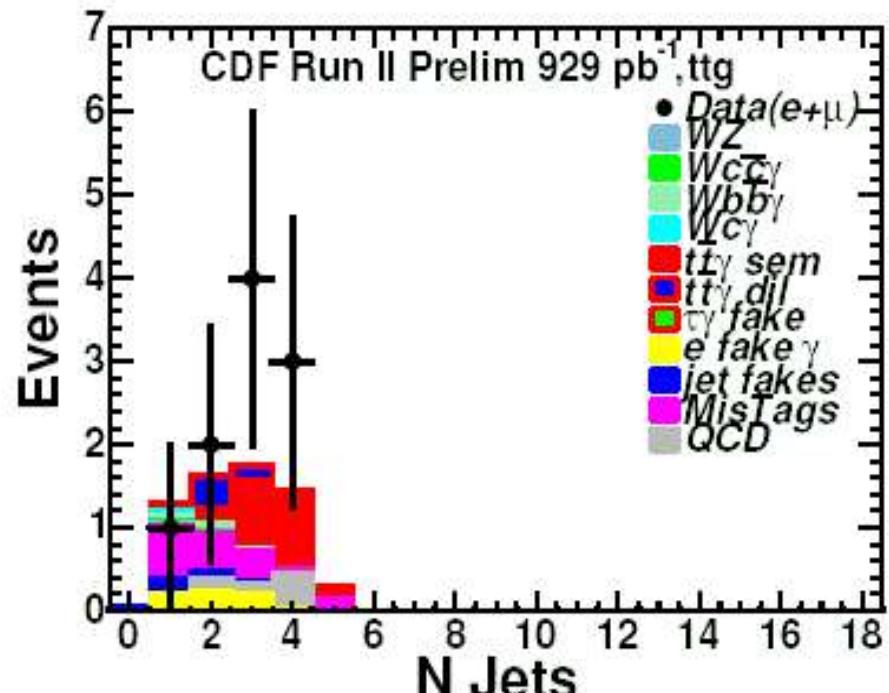
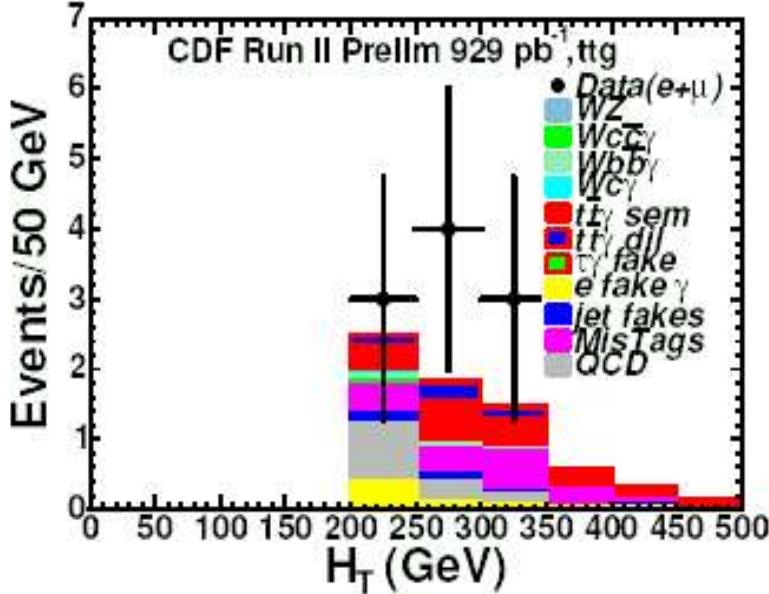
Analysis

- Signature-based search for $\ell\gamma E_T + b$
- $t\bar{t}\gamma$: Control Sample for $t\bar{t} + Higgs$
- $t\bar{t}\gamma$ cross-section measurement

Categories

- $\ell\gamma E_T + b$ jet
- $\ell\gamma E_T + b$ jet+ H_T
- $t\bar{t}\gamma$: $\ell\gamma E_T + b$ jet+ $H_T + N_{jets} > 2$

Results



CDF Run II Prelim 929 pb ⁻¹ , ttg		
$\ell\gamma E_T + b + H_T$ (929 pb ⁻¹)		
e	μ	$e + \mu$
4.9 ± 0.8	2.3 ± 0.6	7.2 ± 1.0
6	4	10