Systematic source	Uncertainty		
	$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
Normalization			
Luminosity *	2.5%	2.5%	2.5%
Electron identification	8%	—	—
Electron trigger	2%	—	—
Muon identification	—	2%	—
Muon trigger	—	2%	—
τ_h identification *	5%	5%	10%
τ_h trigger *	—	—	10%
b tagging efficiency *	3%	3%	3%
b tagging misidentification rate *	5%	5%	5%
QCD multijet normalization	30%	30%	—
W+jets normalization	30%	30%	—
$Z/\gamma* \to \ell\ell$ cross section *	30%	30%	30%
$t\bar{t}$ cross section *	5.5%	5.5%	5.5%
Diboson cross section *	6%	6%	6%
Single top quark cross section *	5.5%	5.5%	5.5%
$e \to \tau_h$ misidentification rate	12%	—	—
$\mu \to \tau_h$ misidentification rate	—	25%	—
Shape			
τ_h energy scale *	$\pm 3\%$		
τ_h identification extrapolation *	$+5\% p_T(\tau_h)$ and $-35\% p_T(\tau_h)$		
Jet energy scale *	± 1 standard deviation [**?**]		
Jet $\to \tau_h$ misidentification rate *	Described in the text (only $\ell\tau_h$ channels)		
Fake-factor method	Described in the text (only $\tau_h\tau_h$ channel)		
Simulated sample size	Statistical uncertainty in individual bins		