

Uncertainties in backgrounds contributions

Source	Uncertainty
$t\bar{t}$, tW	20–50%
W+jets	40%
WZ, ZZ	4%
$W\gamma^{(*)}$	30%

Effect of the experimental uncertainties on the signal and background yields

Source	Uncertainty
Integrated luminosity	2.6%
Trigger efficiency	1–2%
Lepton reconstruction and identification	3–4%
Lepton energy scale	2–4%
E_T^{miss} modelling	2%
Jet energy scale	10%
Pileup multiplicity	2%
b mistag modelling	3%

Effect of the theoretical uncertainties on signal yield

Source	Uncertainty
b jet veto scale factor	1–2%
PDF	1%
WW background shape	1%