

Source	Uncertainty	Single-lepton	Fully hadronic
Integrated luminosity	1%	✓	✓
Electron identification	1%	✓	
Muon identification	0.5%	✓	
Jet energy scale	0.5–4%	✓	✓
Jet energy resolution	3%	✓	✓
b tagging (subjett)	1%		✓
Light quark mistagging (subjett)	10%		✓
t tagging	5%	✓	✓
PDF	2.4%	✓	✓
QCD renorm./fact. scale	3–4%	✓	✓
$t\bar{t}$ cross section	3%	✓	✓
Single top quark cross section	6%	✓	
W+jets cross section	3%	✓	
Z+jets cross section	6%	✓	
WW cross section	6%	✓	
QCD multijet cross section	6%	✓	
QCD multijet modified mass procedure	2%		✓
QCD multijet estimate closure test	5%		✓