

Source	$\sigma(\text{t}\bar{\text{t}}\text{Z} + \text{tWZ})$	$\sigma(\text{tZq})$
Trigger	2%	2%
Trigger prefiring	<1%	2%
Lepton identification efficiencies	1%	2%
b tagging	1%	2%
Jet energy scale	1%	3%
Jet energy resolution	<1%	1%
Missing transverse momentum	<1%	3%
Nonprompt background	2%	3%
Pileup	<1%	1%
Luminosity	2%	2%
Statistical	3.7%	10%
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Background modeling	2%	4%
Factorization scale	1%	1%
Renormalization scale	1%	2%
Parton shower	<1%	2%
PDF and α_S	<1%	<1%
Underlying event and color reconnection	1%	2%
tWZ modeling	<1%	<1%
MC statistical	<1%	1%
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Total	6%	13%