

	ATLAS ( $\sigma_{tW}, \sqrt{s} = 8 \text{ TeV}$ )		CMS ( $\sigma_{tW}, \sqrt{s} = 8 \text{ TeV}$ )		
Cross-section	23.0 pb		23.4 pb		
Uncertainty category	Uncertainty		Uncertainty		$\rho$
Data statistical		<b>5.8%</b>		<b>8.1%</b>	<b>0.0</b>
Simulation statistical		<b>0.5%</b>		<b>2.4%</b>	<b>0.0</b>
Integrated luminosity		<b>4.6%</b>		<b>3.0%</b>	<b>0.3</b>
Theory modelling	ISR/FSR	8.8%	Ren./fact. scales	12.4%	1.0
	NLO match.	2.5%			1.0
	Parton shower	1.7%	Parton shower	14.1%	1.0
	PDF	0.6%	PDF	1.7%	1.0
	$tW/t\bar{t}$ overlap	3.5%	$tW$ DR/DS scheme	2.1%	1.0
			Top-quark $p_T$ reweight.	0.4%	0.0
Category subtotal		<b>10.0%</b>		<b>19.0%</b>	<b>0.75</b>
Background norm.	$t\bar{t}$ norm.	1.9%	$t\bar{t}$ norm.	1.7%	0.0
	$Z$ +jets, diboson norm.	2.0%	$Z$ +jets norm.	2.6%	0.0
	Bkg. from data: fake lept. norm.	0.3%			0.0
Category subtotal		<b>2.8%</b>		<b>3.1%</b>	<b>0.0</b>
Jets	JES common	5.3%	JES	3.8%	0.0
	JES flavour	1.9%			0.0
	JetID	0.2%			0.0
	JER	6.5%	JER	0.9%	0.0
Category subtotal		<b>8.6%</b>		<b>3.9%</b>	<b>0.0</b>
Detector modelling	Lepton modelling	3.0%	Lepton modelling	1.8%	0.0
	$E_T^{\text{miss}}$ scale	5.5%	$E_T^{\text{miss}}$ modelling	0.4%	0.0
	$E_T^{\text{miss}}$ resolution	0.2%			0.0
	$b$ -tag	1.0%	$b$ -tag	0.9%	0.0
	Pile-up	2.7%	Pile-up	0.4%	0.0
Category subtotal		<b>6.9%</b>		<b>2.0%</b>	<b>0.0</b>
Total uncertainty		<b>16.8%</b>		<b>21.7%</b>	<b>0.40</b>