

	Signal	$t\bar{t} \rightarrow \mu\tau_h + X$	$t\bar{t}$ dilepton	τ_h mis-id	single top quark
Single μ trigger	2.0	2.0	2.0		
e identification	2.0	2.0	2.0		2.0
μ identification	1.0	1.0	1.0		1.0
τ_h identification	6.0	6.0			6.0
e misidentification as τ_h			3.0		
μ misidentification as τ_h			3.0		
Jet misidentification as τ_h			20		
τ_h energy scale (S)	0.6	2.4	4.4		4.1
Jet energy scale (S)	2.5	1.9	2.6		3.9
Jet energy resolution (S)	0.8	0.1	1.6		0.2
Unclustered E_T^{miss} energy scale (S)	0.8	0.1	1.8		0.2
b tagging (S)	1.8	1.8	2.7		3.2
udsg \rightarrow b mistagging (S)	<0.1	<0.1	<0.1		0.1
Top quark p_T modelling (S)		5.4	5.2		
Pileup modelling	4.0	2.0	8.0		2.0
Misidentified τ_h background				11	
Cross sections		$+2.5$ -3.4 ± 4.6	$+2.5$ -3.4 ± 4.6		8.0
Matching scale (S)		12	5.1		
Fact./renorm. scale (S)		3.4	7.5		
PDF effect on shape		shape only	shape only		
Heavy flavours (S)		<0.1	<0.1		
Integrated luminosity	2.6	2.6	2.6		2.6