	T2bW_LX	T2bW_LM	T2bW_MXHM	T2bW_HXHM	T2bW_VHM
$t\bar{t}$, W+jets, and single top prediction	6.88	31.3	3.89	12.7	2.31
Single top fraction (%)	21.4	8.54	31.8	14.8	28.6
W+jets fraction (%)	13.5	4.53	6.60	14.6	4.17
MC statistical uncertainty	0.73	1.62	0.49	1.13	0.37
MVA lepton sel. scale factors	1.05	2.30	0.60	1.68	0.37
Kinematics reweighting	0.17	0.42	0.11	0.23	0.10
Closure (1ℓ)	1.60	2.69	0.65	1.93	0.58
Closure (relaxed baseline)	0.05	0.07	0.01	0.09	0.01
Single top kinematics	0.73	1.34	0.62	0.94	0.33
Total uncertainty (yield)	2.18	4.13	1.19	2.96	0.85
Total uncertainty (%)	31.8	13.2	30.5	23.3	36.7
Z+jets prediction	1.88	4.57	1.66	1.77	1.24
MC statistical uncertainty	0.23	0.46	0.24	0.26	0.21
Kinematics reweighting	0.51	0.62	0.46	0.36	0.38
Closure (2ℓ)	0.73	1.46	0.50	0.57	0.31
Closure (relaxed baseline)	0.09	0.23	0.08	0.09	0.06
Total uncertainty (yield)	0.93	1.67	0.72	0.73	0.54
Total uncertainty (%)	49.3	36.6	43.6	41.0	43.4
$t\bar{t}Z$ prediction	0.59	2.46	0.83	1.72	0.62
MC statistical uncertainty	0.07	0.15	0.09	0.14	0.08
MC simulation	0.02	0.10	0.10	0.17	0.02
MC normalisation	0.18	0.76	0.26	0.53	0.19
Kinematic closure	0.23	0.79	0.25	0.55	0.15
Total uncertainty (yield)	0.30	1.11	0.39	0.79	0.26
Total uncertainty (%)	51.2	45.1	46.3	46.3	42.2
QCD multijet prediction	0.51	0.07	0.10	<0.01	<0.01
MC statistical uncertainty	±0.21	±0.06	±0.08	±0.01	±0.01
MVA discriminator shape	±0.17	±0.06	±0.08	±0.01	±0.01
$\Delta\phi$ shape upper and lower bounds	+0.58, −0.21	+0.54, −0.07	+0.07, −0.10	+0.01, −0.01	+0.01
Low luminosity bins upper bound	+0.01	+0.11	+0.03	+0.02	+0.01
Integrated uncertainty band (μ)	0.71	0.36	0.10	0.01	0.01
Integrated uncertainty band (σ)	0.35	0.19	0.12	0.01	0.01