

Data set	m_T	σ	Q_Z	L_Z	R_Z	S_Z
$t\bar{t}$ +jets	—	—	258 ± 32	421 ± 53	16.4 ± 4.4	30.2 ± 5.8
Other background	—	—	271 ± 64	223 ± 94	12.1 ± 4.0	2.4 ± 1.5
QCD multijet	—	—	5710 ± 150	830 ± 230	259 ± 19	45.0 ± 9.7
Total background	—	—	6230 ± 120	1480 ± 180	288 ± 17	77.5 ± 9.7
Data	—	—	6253	1475	286	80
tHbq	1.2	142	6.44 ± 0.30	10.14 ± 0.4	3.46 ± 0.22	6.97 ± 0.33 (0.14)
tZbq	1.2	131	27.33 ± 0.61	45.65 ± 0.83	6.01 ± 0.29	9.87 ± 0.39 (0.21)
tHtq	1.2	40.7	2.22 ± 0.09	3.42 ± 0.12	0.93 ± 0.06	1.55 ± 0.08 (0.11)
tZtq	1.2	32.9	4.10 ± 0.08	6.71 ± 0.10	0.83 ± 0.04	1.41 ± 0.05 (0.12)
tHbq	1.8	13.6	1.12 ± 0.04	1.48 ± 0.05	0.66 ± 0.03	1.09 ± 0.04 (0.22)
tZbq	1.8	11.0	3.98 ± 0.07	5.64 ± 0.09	0.89 ± 0.04	1.21 ± 0.04 (0.31)
tHtq	1.8	4.0	0.28 ± 0.01	0.44 ± 0.01	0.15 ± 0.01	0.23 ± 0.01 (0.16)
tZtq	1.8	3.2	1.27 ± 0.02	1.83 ± 0.03	0.24 ± 0.01	0.37 ± 0.01 (0.32)