

N_j	t_{mod}	$M_{\ell b}$ [GeV]	$M_{\text{T}}^{\text{Emiss}}$ [GeV]	Lost lepton	1ℓ (top)	1ℓ (not top)	$Z \rightarrow \nu\bar{\nu}$	Total background	Data
≤ 3	> 10	≤ 175	250 – 350	53.9 \pm 6.2	—	7.2 \pm 2.5	4.7 \pm 1.2	65.8 \pm 6.8	72
≤ 3	> 10	≤ 175	350 – 450	14.2 \pm 2.4	0.22 \pm 0.22	4.1 \pm 1.4	2.1 \pm 0.8	20.5 \pm 2.9	24
≤ 3	> 10	≤ 175	450 – 600	2.9 \pm 0.9	0.13 \pm 0.13	1.7 \pm 0.7	1.6 \pm 0.5	6.4 \pm 1.3	6
≤ 3	> 10	≤ 175	> 600	0.61 \pm 0.49	0.28 \pm 0.28	0.78 \pm 0.34	0.71 \pm 0.40	2.4 \pm 0.8	2
≤ 3	> 10	> 175	250 – 450	1.7 \pm 0.8	—	5.6 \pm 2.2	1.5 \pm 0.5	8.9 \pm 2.4	6
≤ 3	> 10	> 175	450 – 600	0.02 \pm 0.01	—	1.6 \pm 0.6	0.35 \pm 0.33	1.9 \pm 0.7	3
≤ 3	> 10	> 175	> 600	0.01 \pm 0.01	—	0.87 \pm 0.39	0.11 \pm 0.26	0.99 \pm 0.47	2
≥ 4	≤ 0	≤ 175	250 – 350	346 \pm 30	13.2 \pm 13.2	9.7 \pm 8.6	14.4 \pm 3.9	383 \pm 34	343
≥ 4	≤ 0	≤ 175	350 – 450	66.3 \pm 7.9	2.3 \pm 2.3	2.5 \pm 1.7	4.4 \pm 1.2	75.5 \pm 8.5	68
≥ 4	≤ 0	≤ 175	450 – 550	12.1 \pm 2.8	0.63 \pm 0.63	0.47 \pm 0.46	1.8 \pm 0.5	15.0 \pm 2.9	13
≥ 4	≤ 0	≤ 175	550 – 650	3.4 \pm 1.5	0.09 \pm 0.09	0.26 \pm 0.20	0.40 \pm 0.12	4.1 \pm 1.5	6
≥ 4	≤ 0	≤ 175	> 650	5.9 \pm 2.8	—	0.43 \pm 0.38	0.20 \pm 0.06	6.6 \pm 2.9	2
≥ 4	≤ 0	> 175	250 – 350	26.0 \pm 4.3	3.1 \pm 3.1	7.5 \pm 3.0	3.0 \pm 0.9	39.7 \pm 6.2	38
≥ 4	≤ 0	> 175	350 – 450	10.4 \pm 2.6	0.59 \pm 0.59	1.6 \pm 0.7	1.2 \pm 0.4	13.7 \pm 2.8	8
≥ 4	≤ 0	> 175	450 – 550	1.7 \pm 0.9	0.37 \pm 0.37	0.56 \pm 0.32	0.45 \pm 0.24	3.1 \pm 1.1	2
≥ 4	≤ 0	> 175	> 550	1.1 \pm 0.8	—	1.0 \pm 0.6	0.09 \pm 0.03	2.2 \pm 1.0	1
≥ 4	0 – 10	≤ 175	250 – 350	43.0 \pm 5.9	1.7 \pm 1.7	5.7 \pm 3.0	8.3 \pm 2.2	58.7 \pm 7.2	65
≥ 4	0 – 10	≤ 175	350 – 550	9.1 \pm 2.0	0.48 \pm 0.48	1.2 \pm 0.5	3.9 \pm 1.1	14.7 \pm 2.4	23
≥ 4	0 – 10	≤ 175	> 550	0.57 \pm 0.28	0.33 \pm 0.33	0.26 \pm 0.24	0.29 \pm 0.26	1.5 \pm 0.6	1
≥ 4	0 – 10	> 175	250 – 450	4.4 \pm 1.4	0.30 \pm 0.30	3.1 \pm 1.3	1.1 \pm 0.3	8.9 \pm 1.9	9
≥ 4	0 – 10	> 175	> 450	0.10 \pm 0.17	—	0.24 \pm 0.16	0.21 \pm 0.06	0.56 \pm 0.24	0
≥ 4	> 10	≤ 175	250 – 350	9.5 \pm 2.3	0.75 \pm 0.75	1.1 \pm 0.9	3.0 \pm 0.8	14.3 \pm 2.7	12
≥ 4	> 10	≤ 175	350 – 450	5.9 \pm 1.8	0.69 \pm 0.69	0.71 \pm 0.51	2.7 \pm 0.8	10.0 \pm 2.1	9
≥ 4	> 10	≤ 175	450 – 600	3.8 \pm 1.3	0.10 \pm 0.10	0.43 \pm 0.32	2.0 \pm 0.5	6.3 \pm 1.5	3
≥ 4	> 10	≤ 175	> 600	0.75 \pm 0.61	0.65 \pm 0.65	0.34 \pm 0.38	0.70 \pm 0.23	2.4 \pm 1.0	0
≥ 4	> 10	> 175	250 – 450	0.54 \pm 0.32	—	1.0 \pm 0.6	0.37 \pm 0.11	1.9 \pm 0.7	0
≥ 4	> 10	> 175	> 450	0.24 \pm 0.17	0.11 \pm 0.11	0.46 \pm 0.26	0.49 \pm 0.20	1.3 \pm 0.4	2
compressed region			250 – 350	67.5 \pm 8.9	5.3 \pm 5.3	5.0 \pm 1.8	4.3 \pm 1.2	82.2 \pm 10.6	72
compressed region			350 – 450	15.1 \pm 3.5	1.0 \pm 1.0	0.84 \pm 0.33	1.9 \pm 0.6	18.9 \pm 3.7	30
compressed region			450 – 550	2.4 \pm 1.3	0.12 \pm 0.12	0.42 \pm 0.24	0.77 \pm 0.27	3.7 \pm 1.4	2
compressed region			> 550	3.9 \pm 2.0	0.13 \pm 0.13	0.24 \pm 0.17	0.58 \pm 0.22	4.8 \pm 2.0	2