

E_T^{miss} [GeV]	Lost lepton	$Z(\nu\nu)$	Rare	QCD	total SM	N_{data}
$N_b = 1, m_T(b_{1,2}, E_T^{\text{miss}}) < 175 \text{ GeV}, N_j \geq 7, N_{\text{res}} \geq 1$						
250–300	136 ± 23	8.9 ± 2.7	3.4 ± 0.9	2.9 ± 1.8	151 ± 26	131
300–400	64 ± 12	4.8 ± 1.4	2.4 ± 0.7	1.7 ± 1.1	73 ± 13	73
400–500	8.5 ± 2.1	1.3 ± 0.4	0.57 ± 0.22	0.25 ± 0.17	11 ± 2	16
> 500	2.9 ± 1.1	0.54 ± 0.23	0.14 ± 0.08	0.05 ± 0.03	3.6 ± 1.1	0
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) < 175 \text{ GeV}, N_j \geq 7, N_{\text{res}} \geq 1$						
250–300	274 ± 42	4.1 ± 1.3	6.8 ± 2.0	2.8 ± 1.8	288 ± 44	289
300–400	146 ± 23	2.7 ± 0.9	4.8 ± 1.3	1.3 ± 0.9	155 ± 24	131
400–500	21 ± 4	1.2 ± 0.5	1.3 ± 0.4	0.12 ± 0.09	23 ± 4	19
> 500	6.7 ± 1.9	0.49 ± 0.22	0.67 ± 0.28	0.03 ± 0.02	7.9 ± 2.0	9
$N_b = 1, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_j \geq 7, N_t = 0, N_{\text{res}} = 0, N_W = 0$						
250–350	568 ± 63	200 ± 18	27 ± 8	104 ± 69	898 ± 104	899
350–450	141 ± 17	87 ± 8	10 ± 3	12 ± 7	251 ± 23	235
450–550	27 ± 4	40 ± 6	3.9 ± 1.3	3.6 ± 2.1	74 ± 8	62
> 550	20 ± 4	33 ± 8	3.8 ± 1.6	2.0 ± 1.1	59 ± 10	41
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_j \geq 7, N_t = 0, N_{\text{res}} = 0, N_W = 0$						
250–350	120 ± 15	45 ± 6	9.6 ± 2.5	14 ± 8	188 ± 20	174
350–450	28 ± 5	15 ± 3	4.2 ± 1.2	3.7 ± 2.1	51 ± 7	65
450–550	8.0 ± 2.1	7.2 ± 1.6	1.7 ± 0.5	1.0 ^{+0.8} _{-0.7}	18 ± 3	22
> 550	4.2 ± 1.3	5.4 ± 1.8	1.1 ± 0.4	0.45 ^{+0.47} _{-0.37}	11 ± 2	13
$N_b = 1, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t \geq 1, N_{\text{res}} = 0, N_W = 0$						
550–650	3.3 ± 1.2	2.3 ± 0.7	0.81 ± 0.26	0.08 ± 0.06	6.4 ± 1.5	6
> 650	2.6 ± 1.0	2.5 ± 0.6	0.62 ± 0.2	0.11 ± 0.08	5.9 ± 1.3	4
$N_b = 1, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} \geq 1, N_W = 0$						
250–350	932 ± 165	110 ± 28	32 ± 9	17 ± 10	1091 ± 181	1120
350–450	128 ± 28	39 ± 9	13 ± 4	2.9 ± 1.8	183 ± 33	165
450–550	18 ± 4	14 ± 3	3.0 ± 0.9	1.5 ± 1.1	36 ± 6	41
550–650	3.3 ± 1.1	4.8 ± 1.5	1.4 ± 0.5	0.8 ± 0.66	10 ± 2	9
> 650	1.9 ± 0.6	3.2 ± 0.8	0.62 ± 0.2	0.13 ± 0.11	5.8 ± 1.3	8
$N_b = 1, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t \geq 1, N_{\text{res}} = 0, N_W \geq 1$						
> 550	0.08 ± 0.07	0.11 ± 0.08	0.17 ± 0.07	0.01 ± 0.01	0.37 ± 0.16	3
$N_b = 1, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} \geq 1, N_W \geq 1$						
250–350	17 ± 4	1.7 ± 0.6	1.8 ± 0.6	0.46 ± 0.39	21 ± 5	19
350–450	4.1 ± 1.4	1.1 ± 0.5	0.79 ± 0.26	0.03 ± 0.03	6.0 ± 1.7	5
450–550	0.92 ± 0.46	0.34 ± 0.14	0.31 ± 0.17	0.16 ± 0.18	1.7 ± 0.6	3
> 550	0.45 ± 0.27	0.22 ± 0.11	0.42 ± 0.31	0.05 ± 0.05	1.1 ± 0.5	0
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 1, N_{\text{res}} = 0, N_W = 0$						
550–650	1.0 ± 0.5	0.48 ± 0.19	0.7 ± 0.2	0.03 ± 0.03	2.2 ± 0.6	2
> 650	0.38 ^{+0.27} _{-0.22}	0.71 ± 0.23	0.56 ± 0.17	0.03 ^{+0.03} _{-0.02}	1.7 ± 0.4	4
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} = 1, N_W = 0$						
250–350	148 ± 26	24 ± 6	16 ± 4	6.2 ± 4.3	194 ± 32	175
350–450	23 ± 5	7.2 ± 1.8	7.3 ± 2.0	1.2 ± 0.8	38 ± 7	38
450–550	3.6 ± 1.1	3.6 ± 1.0	2.3 ± 0.6	0.46 ± 0.4	9.9 ± 2.0	7
550–650	1.6 ± 0.6	1.4 ± 0.5	0.76 ± 0.25	0.12 ± 0.13	3.9 ± 1.0	1
> 650	0.82 ^{+0.45} _{-0.34}	0.8 ± 0.25	0.75 ± 0.35	0.04 ^{+0.05} _{-0.04}	2.4 ^{+0.7} _{-0.6}	2
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} = 0, N_W = 1$						
250–350	56 ± 9	15 ± 4	5.7 ± 1.7	3.2 ± 1.9	80 ± 13	69
350–450	11 ± 2	8.0 ± 2.3	2.6 ± 0.8	2.6 ± 1.8	25 ± 5	29
450–550	1.8 ± 0.6	2.6 ± 0.8	1.0 ± 0.4	0.1 ± 0.09	5.5 ± 1.2	11
550–650	0.78 ± 0.36	0.8 ± 0.34	0.67 ± 0.39	<0.01	2.3 ± 0.7	1
> 650	0.36 ^{+0.25} _{-0.2}	1.1 ± 0.4	0.14 ± 0.09	0.02 ± 0.02	1.6 ± 0.5	1
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 1, N_{\text{res}} = 0, N_W = 1$						
> 550	0.21 ± 0.14	0.08 ± 0.05	0.1 ± 0.03	<0.01	0.38 ± 0.17	1
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} = 1, N_W = 1$						
250–350	2.6 ± 0.8	0.51 ± 0.23	0.86 ± 0.28	0.05 ± 0.06	4.0 ± 1.1	5
350–450	0.6 ± 0.29	0.2 ± 0.11	0.51 ± 0.19	0.01 ± 0.01	1.3 ± 0.4	2
450–550	0.17 ± 0.13	0.14 ± 0.08	0.21 ± 0.07	<0.01	0.52 ± 0.2	0
> 550	0.14 ± 0.11	0.07 ± 0.06	0.11 ± 0.05	<0.01	0.32 ± 0.14	0
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 1, N_{\text{res}} = 1, N_W = 0$						
250–350	0.77 ± 0.33	<0.01	0.25 ± 0.15	0.05 ± 0.06	1.1 ± 0.4	1
350–450	0.16 ± 0.11	<0.01	0.17 ± 0.06	<0.01	0.33 ± 0.13	1
> 450	0.01 ± 0.01	0.06 ± 0.04	0.2 ± 0.08	<0.01	0.28 ± 0.09	0
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t \geq 2, N_{\text{res}} = 0, N_W = 0$						
> 250	0.06 ± 0.06	<0.01	0.16 ± 0.07	<0.01	0.22 ± 0.1	1
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} \geq 2, N_W = 0$						
> 250	1.9 ± 0.8	0.35 ± 0.22	1.5 ± 0.7	<0.01	3.8 ± 1.4	3
$N_b \geq 2, m_T(b_{1,2}, E_T^{\text{miss}}) > 175 \text{ GeV}, N_t = 0, N_{\text{res}} = 0, N_W \geq 2$						
> 250	1.5 ± 0.7	0.39 ± 0.2	0.17 ± 0.13	<0.01	2.1 ± 0.9	3