p_T^{miss} [GeV]	Lost lepton	$Z(\nu\nu)$	Rare	QCD multijet	Total SM	N_{data}
$N_b = 0$, $N_{SV} = 0$, $p_T^{ISR} \geq 500\,\text{GeV}$, $2 \leq N_j \leq 5$						
450-550	935 ± 73	1670 ± 120	58 ± 29	73 ± 37	2740 ± 180	2704
550-650	498 ± 39	1318 ± 84	38 ± 19	28 ± 14	1880 ± 110	1942
650-750	202 ± 19	597 ± 43	19 ± 10	9.6 ± 4.9	828 ± 55	823
≥ 750	135 ± 14	520 ± 38	14 ± 7	7.9 ± 4.2	676 ± 46	618
$N_b = 0$, $N_{SV} = 0$, $p_T^{ISR} \geq 500\,\text{GeV}$, $N_j \geq 6$						
450-550	115 ± 12	106 ± 10	10 ± 5	20 ± 10	251 ± 22	265
550-650	52 ± 6	74 ± 7	5.5 ± 2.8	7.3 ± 3.8	139 ± 12	145
650-750	27 ± 4	38 ± 5	3.0 ± 1.6	2.3 ± 1.3	70 ± 7	54
≥ 750	21 ± 4	42 ± 5	3.8 ± 2.0	$4.9^{+6.3}_{-5.2}$	72^{+10}_{-8}	78
$N_b = 0$, $N_{SV} \geq 1$, $p_T^{ISR} \geq 500\,\text{GeV}$, $2 \leq N_j \leq 5$						
450-550	25 ± 5	27 ± 3	0.60 ± 0.47	1.2 ± 0.7	54 ± 6	37
550-650	7.6 ± 2.5	20 ± 2	0.47 ± 0.37	$1.3^{+1.2}_{-0.9}$	29 ± 4	37
650-750	$5.2^{+2.7}_{-1.9}$	9.2 ± 1.1	0.46 ± 0.40	$0.27^{+0.29}_{-0.24}$	15^{+3}_{-2}	8
≥ 750	$2.0^{+2.0}_{-1.1}$	8.0 ± 1.0	0.34 ± 0.26	$0.50^{+0.40}_{-0.34}$	11 ± 2	8
$N_b = 0$, $N_{SV} \geq 1$, $p_T^{ISR} \geq 500\,\text{GeV}$, $N_j \geq 6$						
450-550	$4.5^{+2.1}_{-1.6}$	2.2 ± 0.4	0.35 ± 0.29	$0.19^{+0.17}_{-0.13}$	$7.2^{+2.2}_{-1.7}$	6
550-650	<1.08	1.8 ± 0.3	0.07 ± 0.05	$0.11^{+0.10}_{-0.08}$	$2.0^{+1.2}_{-0.3}$	3
650-750	<1.22	0.79 ± 0.17	0.07 ± 0.05	$0.05^{+0.05}_{-0.04}$	$0.9^{+1.3}_{-0.2}$	1
≥ 750	<0.74	0.65 ± 0.14	0.05 ± 0.05	$0.03^{+0.03}_{-0.02}$	$0.73^{+0.77}_{-0.15}$	2
$N_b = 1$, $N_{SV} = 0$, $m_T^b < 175\,\text{GeV}$, $300 \leq p_T^{ISR} < 500\,\text{GeV}$, $p_T^b < 40\,\text{GeV}$						
300-400	410 ± 38	318 ± 29	14 ± 7	32 ± 17	774 ± 57	753
400-500	64 ± 11	77 ± 10	3.8 ± 1.9	6.3 ± 3.9	151 ± 16	147
500-600	$4.7^{+3.9}_{-2.4}$	7.6 ± 2.2	0.5 ± 0.3	0.83 ± 0.59	14^{+5}_{-3}	13
≥ 600	$2.4^{+2.1}_{-1.3}$	$0.34^{+0.79}_{-0.28}$	0.11 ± 0.07	0.14 ± 0.11	$2.9^{+2.5}_{-1.4}$	5
$N_b = 1$, $N_{SV} = 0$, $m_T^b < 175\,\text{GeV}$, $300 \leq p_T^{ISR} < 500\,\text{GeV}$, $40 \leq p_T^b < 70\,\text{GeV}$						
300-400	285 ± 33	140 ± 15	8.3 ± 3.8	8.6 ± 4.7	442 ± 39	375
400-500	50 ± 10	23 ± 4	1.7 ± 0.9	2.1 ± 1.5	76 ± 11	76
500-600	$6.4^{+4.2}_{-2.9}$	$2.3^{+1.5}_{-1.0}$	0.22 ± 0.13	0.08 ± 0.06	$9.0^{+4.8}_{-3.1}$	5
≥ 600	<0.83	$1.6^{+1.9}_{-1.1}$	0.02 ± 0.03	0.02 ± 0.02	$1.7^{+2.4}_{-1.1}$	0
$N_b = 1$, $N_{SV} = 0$, $m_T^b < 175\,\text{GeV}$, $p_T^{ISR} \geq 500\,\text{GeV}$, $p_T^b < 40\,\text{GeV}$						
450-550	31 ± 6	19 ± 4	1.9 ± 1.1	2.0 ± 1.2	54 ± 8	41
550-650	9.3 ± 3.0	7.8 ± 2.0	0.62 ± 0.42	$0.57^{+0.48}_{-0.40}$	18 ± 4	24
650-750	$1.7^{+2.3}_{-1.1}$	7.5 ± 2.2	0.01 ± 0.17	$0.06^{+0.06}_{-0.05}$	$9.3^{+3.5}_{-2.5}$	7
≥ 750	<1.48	$4.0^{+2.1}_{-1.5}$	0.16 ± 0.10	$0.11^{+0.10}_{-0.08}$	$4.2^{+3.2}_{-1.5}$	4
$N_b = 1$, $N_{SV} = 0$, $m_T^b < 175\,\text{GeV}$, $p_T^{ISR} \geq 500\,\text{GeV}$, $40 \leq p_T^b < 70\,\text{GeV}$						
450-550	22 ± 5	6.6 ± 1.7	1.4 ± 0.8	1.3 ± 0.8	31 ± 5	18
550-650	11^{+6}_{-4}	5.5 ± 1.8	0.31 ± 0.18	$0.17^{+0.16}_{-0.12}$	17^{+6}_{-5}	23
650-750	$3.0^{+2.6}_{-1.6}$	$2.5^{+1.9}_{-1.3}$	0.08 ± 0.09	$0.06^{+0.10}_{-0.06}$	$5.6^{+3.7}_{-2.2}$	4
≥ 750	$1.7^{+2.3}_{-1.1}$	$3.1^{+2.1}_{-1.5}$	0.14 ± 0.09	$0.07^{+0.11}_{-0.06}$	$4.9^{+3.6}_{-1.9}$	3
$N_b = 1$, $N_{SV} \geq 1$, $m_T^b < 175\,\text{GeV}$, $p_T^b < 40\,\text{GeV}$						
300-400	38 ± 8	16 ± 5	1.1 ± 0.6	$1.0^{+1.0}_{-0.8}$	56^{+10}_{-9}	44
400-500	$4.9^{+3.8}_{-2.5}$	2.9 ± 1.0	0.16 ± 0.13	$0.58^{+0.97}_{-0.54}$	$8.6^{+4.4}_{-2.8}$	6
≥ 500	$1.4^{+1.9}_{-1.0}$	0.86 ± 0.31	0.03 ± 0.03	$0.04^{+0.08}_{-0.04}$	$2.3^{+2.0}_{-1.0}$	4
$N_b \geq 2$, $m_T^b < 175\,\text{GeV}$, $300 \leq p_T^{ISR} < 500\,\text{GeV}$, $p_T^b < 80\,\text{GeV}$						
300-400	47 ± 8	16 ± 5	2.2 ± 1.0	$2.0^{+1.8}_{-1.5}$	68^{+10}_{-9}	57
400-500	$6.7^{+3.4}_{-2.6}$	5.5 ± 2.4	0.39 ± 0.23	$0.19^{+0.18}_{-0.16}$	13 ± 4	7
≥ 500	$3.6^{+4.3}_{-2.7}$	$0.7^{+1.1}_{-0.6}$	0.08 ± 0.05	<0.01	$4.4^{+4.7}_{-2.7}$	1
$N_b \geq 2$, $m_T^b < 175\,\text{GeV}$, $300 \leq p_T^{ISR} < 500\,\text{GeV}$, $80 \leq p_T^b < 140\,\text{GeV}$						
300-400	121 ± 13	20 ± 5	4.2 ± 1.7	4.2 ± 2.5	149 ± 15	149
400-500	21 ± 5	5.5 ± 2.0	1.2 ± 0.6	$0.9^{+1.6}_{-0.9}$	28^{+6}_{-5}	19
≥ 500	$1.7^{+1.8}_{-1.0}$	$1.6^{+1.6}_{-1.0}$	0.27 ± 0.16	0.01 ± 0.01	$3.6^{+2.8}_{-1.5}$	4
$N_b \geq 2$, $m_T^b < 175\,\text{GeV}$, $300 \leq p_T^{ISR} < 500\,\text{GeV}$, $p_T^b > 140\,\text{GeV}$, $N_j \geq 7$						
300-400	52 ± 8	$3.5^{+1.9}_{-1.4}$	1.4 ± 0.6	2.9 ± 1.8	60 ± 8	54
400-500	13 ± 3	$0.7^{+1.0}_{-0.5}$	0.41 ± 0.16	$0.18^{+0.45}_{-0.18}$	15^{+4}_{-3}	12
≥ 500	$1.8^{+1.9}_{-1.1}$	$0.5^{+1.2}_{-0.4}$	0.04 ± 0.15	$0.07^{+0.19}_{-0.07}$	$2.4^{+2.7}_{-1.2}$	6
$N_b \geq 2$, $m_T^b < 175\,\text{GeV}$, $p_T^{ISR} \geq 500\,\text{GeV}$, $p_T^b < 80\,\text{GeV}$						
450-550	$2.5^{+2.2}_{-1.4}$	$0.52^{+0.46}_{-0.31}$	0.15 ± 0.08	$0.1^{+0.13}_{-0.09}$	$3.3^{+2.4}_{-1.5}$	6
550-650	<1.59	$1.4^{+1.5}_{-0.9}$	0.02 ± 0.06	$0.05^{+0.07}_{-0.04}$	$1.4^{+2.7}_{-0.9}$	2
≥ 650	<0.75	<0.33	0.15 ± 0.14	$0.06^{+0.09}_{-0.06}$	$0.2^{+1.0}_{-0.2}$	5
$N_b \geq 2$, $m_T^b < 175\,\text{GeV}$, $p_T^{ISR} \geq 500\,\text{GeV}$, $80 \leq p_T^b < 140\,\text{GeV}$						
450-550	$6.4^{+3.0}_{-2.2}$	$1.9^{+1.3}_{-0.9}$	0.33 ± 0.22	$0.58^{+0.57}_{-0.47}$	$9.2^{+3.7}_{-2.5}$	7
550-650	$3.0^{+2.6}_{-1.6}$	$0.63^{+0.89}_{-0.44}$	0.24 ± 0.16	$0.07^{+0.06}_{-0.05}$	$3.9^{+3.0}_{-1.7}$	1
≥ 650	$0.7^{+1.6}_{-0.6}$	$0.78^{+0.87}_{-0.50}$	0.30 ± 0.23	$0.03^{+0.03}_{-0.02}$	$1.8^{+2.1}_{-0.9}$	1
$N_b \geq 2$, $m_T^b < 175\,\text{GeV}$, $p_T^{ISR} \geq 500\,\text{GeV}$, $p_T^b > 140\,\text{GeV}$, $N_j \geq 7$						
450-550	12 ± 3	$0.12^{+0.34}_{-0.12}$	0.34 ± 0.19	$1.1^{+0.9}_{-0.8}$	13 ± 3	22
550-650	$5.3^{+2.8}_{-2.1}$	$0.29^{+0.71}_{-0.25}$	0.07 ± 0.10	$0.36^{+0.31}_{-0.25}$	$6.0^{+3.2}_{-2.1}$	5
≥ 650	$4.4^{+3.8}_{-2.4}$	<0.85	0.42 ± 0.41	$0.14^{+0.13}_{-0.1}$	$4.9^{+4.3}_{-2.4}$	1