

Search bin	$p_{\text{T}}^{\text{miss}}$ [GeV]	Lost lepton	$Z(\nu\bar{\nu}) + \text{jets}$	Rare	QCD multijet	Total SM	N_{data}
Low Δm , $N_{\text{b}} = 0$, $N_{\text{SV}} = 0$, $p_{\text{T}}^{\text{ISR}} > 500 \text{ GeV}$, $2 \leq N_{\text{j}} \leq 5$							
0	450–550	2240^{+160}_{-150}	5220^{+590}_{-520}	103^{+11}_{-10}	280^{+110}_{-80}	7840^{+620}_{-550}	7538
1	550–650	1128^{+75}_{-70}	3830^{+440}_{-390}	81 ± 10	77^{+34}_{-23}	5120^{+450}_{-400}	4920
2	650–750	446^{+32}_{-30}	1790^{+230}_{-200}	41.1 ± 5.5	29^{+12}_{-9}	2300^{+230}_{-210}	2151
3	>750	301 ± 23	1600^{+200}_{-180}	38.0 ± 5.0	$12.9^{+8.0}_{-5.2}$	1950^{+200}_{-180}	1780
Low Δm , $N_{\text{b}} = 0$, $N_{\text{SV}} = 0$, $p_{\text{T}}^{\text{ISR}} > 500 \text{ GeV}$, $N_{\text{j}} \geq 6$							
4	450–550	115^{+12}_{-11}	113^{+16}_{-15}	$5.2^{+1.6}_{-1.8}$	37^{+13}_{-10}	270^{+25}_{-22}	277
5	550–650	$45.7^{+5.8}_{-5.5}$	74^{+11}_{-10}	$4.5^{+1.8}_{-1.6}$	$18.5^{+7.8}_{-6.0}$	143^{+15}_{-13}	146
6	650–750	19.5 ± 3.0	49 ± 31	3.5 ± 1.6	$3.9^{+1.8}_{-1.5}$	76 ± 32	63
7	>750	$20.6^{+3.3}_{-3.1}$	$42.9^{+7.3}_{-6.8}$	$1.35^{+0.38}_{-0.44}$	$4.5^{+2.9}_{-2.1}$	$69.4^{+8.5}_{-7.9}$	85
Low Δm , $N_{\text{b}} = 0$, $N_{\text{SV}} \geq 1$, $p_{\text{T}}^{\text{ISR}} > 500 \text{ GeV}$, $2 \leq N_{\text{j}} \leq 5$							
8	450–550	80.1 ± 8.9	115^{+17}_{-16}	$3.5^{+1.3}_{-1.1}$	$5.9^{+2.6}_{-2.2}$	205^{+20}_{-18}	161
9	550–650	27.7 ± 4.4	83^{+13}_{-12}	$1.33^{+0.49}_{-0.45}$	$1.4^{+1.1}_{-1.0}$	113^{+14}_{-13}	126
10	650–750	14.9 ± 3.1	$41.6^{+7.6}_{-7.1}$	2.5 ± 1.2	1.3 ± 1.1	60.3 ± 8.2	67
11	>750	9.7 ± 2.5	$29.4^{+5.7}_{-5.3}$	0.41 ± 0.10	$0.45^{+0.35}_{-0.27}$	40.0 ± 6.1	39
Low Δm , $N_{\text{b}} = 0$, $N_{\text{SV}} \geq 1$, $p_{\text{T}}^{\text{ISR}} > 500 \text{ GeV}$, $N_{\text{j}} \geq 6$							
12	450–550	4.2 ± 1.3	2.5 ± 1.2	0.06 ± 0.03	1.08 ± 0.58	$7.8^{+1.8}_{-1.9}$	12
13	550–650	1.77 ± 0.84	1.41 ± 0.81	0.05 ± 0.03	0.53 ± 0.33	3.8 ± 1.2	4
14	650–750	0.84 ± 0.63	1.7 ± 1.1	0.04 ± 0.02	0.05 ± 0.03	2.6 ± 1.3	2
15	>750	1.75 ± 0.85	1.9 ± 1.3	0.06 ± 0.04	$0.14^{+0.10}_{-0.08}$	$3.8^{+1.6}_{-1.5}$	3
Low Δm , $N_{\text{b}} = 1$, $N_{\text{SV}} = 0$, $m_{\text{T}}^{\text{b}} < 175 \text{ GeV}$, $300 < p_{\text{T}}^{\text{ISR}} < 500 \text{ GeV}$, $20 < p_{\text{T}}^{\text{b}} < 40 \text{ GeV}$							
16	300–400	1302^{+92}_{-86}	1110^{+130}_{-110}	14.6 ± 2.3	118^{+43}_{-30}	2540^{+180}_{-150}	2383
17	400–500	226 ± 22	246^{+32}_{-29}	$2.7^{+1.1}_{-0.5}$	27^{+16}_{-14}	501^{+43}_{-39}	456
18	500–600	23.4 ± 5.1	32.4 ± 6.2	$0.96^{+0.58}_{-0.66}$	$6.3^{+4.8}_{-4.4}$	63.0 ± 9.7	68
19	>600	3.5 ± 1.5	5.9 ± 2.0	$0.13^{+0.10}_{-0.03}$	0.14 ± 0.15	9.7 ± 2.5	14
Low Δm , $N_{\text{b}} = 1$, $N_{\text{SV}} = 0$, $m_{\text{T}}^{\text{b}} < 175 \text{ GeV}$, $300 < p_{\text{T}}^{\text{ISR}} < 500 \text{ GeV}$, $40 < p_{\text{T}}^{\text{b}} < 70 \text{ GeV}$							
20	300–400	789^{+65}_{-59}	427 ± 51	$9.0^{+1.7}_{-1.6}$	70^{+28}_{-26}	1295^{+91}_{-84}	1250
21	400–500	113 ± 15	80^{+12}_{-11}	$4.6^{+1.9}_{-2.2}$	$3.7^{+2.7}_{-2.4}$	201 ± 21	222
22	500–600	8.0 ± 2.7	10.2 ± 3.7	0.12 ± 0.05	0.31 ± 0.28	18.6 ± 4.7	29
23	>600	3.0 ± 1.4	0.76 ± 0.60	0.01 ± 0.02	0.05 ± 0.04	3.8 ± 1.6	5
Low Δm , $N_{\text{b}} = 1$, $N_{\text{SV}} = 0$, $m_{\text{T}}^{\text{b}} < 175 \text{ GeV}$, $p_{\text{T}}^{\text{ISR}} > 500 \text{ GeV}$, $20 < p_{\text{T}}^{\text{b}} < 40 \text{ GeV}$							
24	450–550	82.6 ± 9.9	91 ± 13	1.64 ± 0.98	$8.9^{+4.0}_{-3.3}$	185 ± 17	164
25	550–650	30.5 ± 5.5	46.7 ± 8.1	1.58 ± 0.97	$3.2^{+1.6}_{-1.4}$	82 ± 10	72
26	650–750	7.2 ± 2.2	22.7 ± 5.3	0.20 ± 0.06	0.28 ± 0.52	30.4 ± 5.9	33
27	>750	8.8 ± 2.4	$17.7^{+5.5}_{-5.2}$	$0.23^{+0.15}_{-0.11}$	0.12 ± 0.21	$26.8^{+6.1}_{-5.8}$	29