

$m_{T2}(\ell\ell)$ [GeV]		0-20	20-40	40-60	60-80	80-100	100-160	160-240	240-370	≥ 370
DF events										
SR1 _{0tag} ^{0jet}	SM Processes	98.2 ± 8.7	65.5 ± 5.7	77.4 ± 6.4	88.0 ± 7.6	50.4 ± 4.5	49.3 ± 5.8	11.4 ± 1.8		
	Data	109	59	70	97	52	47	13		
SR1 _{0tag} ^{jets}	SM Processes	3467 ± 52	1149 ± 18	1388 ± 21	1379 ± 19	627 ± 14	181 ± 8	15.4 ± 2.2		
	Data	3545	1099	1368	1397	653	179	9		
SR2 _{0tag} ^{0jet}	SM Processes	19.6 ± 2.4	12.6 ± 1.8	13.6 ± 1.8	11.4 ± 1.6	4.5 ± 0.7	5.3 ± 1.0	6.8 ± 1.2	1.1 ± 0.4	
	Data	21	14	12	13	5	7	8	2	
SR2 _{0tag} ^{jets}	SM Processes	1036 ± 24	289 ± 7	311 ± 7	267 ± 7	87.9 ± 3.3	28.7 ± 2.2	9.5 ± 1.5	1.3 ± 0.4	
	Data	982	286	297	278	80	33	9	0	
SR3 _{0tag}	SM Processes	524 ± 14	124 ± 4	126 ± 4	105 ± 4	27.3 ± 1.7	10.4 ± 1.2	7.7 ± 1.2	6.4 ± 1.4	
	Data	488	134	142	109	29	8	6	7	
SR4 _{0tag}	SM Processes	180 ± 8	36.0 ± 2.2	36.7 ± 2.2	26.4 ± 1.7	7.3 ± 0.8	3.1 ± 0.5	3.7 ± 0.7	4.1 ± 1.0	3.1 ± 0.9
	Data	154	43	49	35	8	4	2	4	0
SF events										
SR1 _{0tag} ^{0jet}	SM Processes	119 ± 10	61.3 ± 5.1	73.4 ± 5.9	79.4 ± 6.7	42.4 ± 3.6	62.7 ± 5.3	26.3 ± 2.5		
	Data	118	73	79	82	40	70	31		
SR1 _{0tag} ^{jets}	SM Processes	3052 ± 49	999 ± 17	1186 ± 18	1153 ± 16	546 ± 14	215 ± 7	63.5 ± 3.8		
	Data	2992	1002	1142	1202	562	231	68		
SR2 _{0tag} ^{0jet}	SM Processes	19.2 ± 2.1	12.7 ± 1.6	13.1 ± 1.8	12.8 ± 1.7	4.0 ± 0.6	6.6 ± 1.0	11.6 ± 1.8	2.6 ± 0.5	
	Data	25	16	10	15	5	10	8	2	
SR2 _{0tag} ^{jets}	SM Processes	917 ± 22	248 ± 6	270 ± 7	236 ± 6	83.7 ± 4.3	35.4 ± 2.1	25.4 ± 2.1	9.7 ± 0.9	
	Data	947	230	303	243	82	46	28	11	
SR3 _{0tag}	SM Processes	460 ± 13	108 ± 4	111 ± 4	86.9 ± 3.2	26.7 ± 1.7	15.3 ± 1.6	16.5 ± 1.7	15.7 ± 1.7	
	Data	454	119	118	82	30	15	20	13	
SR4 _{0tag}	SM Processes	164 ± 7	32.4 ± 2.0	30.0 ± 1.9	24.5 ± 1.8	6.2 ± 0.7	5.3 ± 0.7	3.8 ± 0.6	8.1 ± 1.2	5.9 ± 1.0
	Data	159	34	31	25	7	6	4	10	8