

	Electron channel				Muon channel			
	Object selection		Full selection		Object selection		Full selection	
	1 b tag	2 b tags	1 b tag	2 b tags	1 b tag	2 b tags	1 b tag	2 b tags
Signal								
$M_{W'_R} = 1400 \text{ GeV}$	30	22	28	20	35	31	26	24
$M_{W'_R} = 2000 \text{ GeV}$	9	6	9	6	11	9	9	7
$M_{W'_R} = 2600 \text{ GeV}$	3	1	3	1	3	2	3	1
Background								
$t\bar{t}$	71	26	56	19	68	27	49	18
tqb	5	2	4	1	4	1	3	1
tW	11	6	10	5	9	3	4	1
$\bar{t}W$	11	4	9	4	9	4	5	2
tb	1	0	1	0	0	0	0	0
$W(\rightarrow l\nu)+jj$	89	8	77	7	80	6	25	1
$W(\rightarrow l\nu)+bb/cc$	139	22	119	18	128	23	45	7
$(Z \rightarrow ll)+jets$	3	0	4	0	21	0	12	0
WW, WZ, ZZ	9	0	7	0	3	0	0	0
Total background	339 ± 22	67 ± 5	287 ± 19	53 ± 4	322 ± 24	64 ± 5	143 ± 11	30 ± 3
Data	309	58	256	44	281	58	143	30