

Process	Electron channel				Muon channel			
	Type A		Type B		Type A		Type B	
	1 b tag	2 b tags	1 b tag	2 b tags	1 b tag	2 b tags	1 b tag	2 b tags
Background								
$t\bar{t}$	760	249	69	22	731	263	75	30
tqb	14	6	1	0	14	6	1	0
tW	117	50	15	5	116	44	22	5
tb	2	2	0	0	3	1	0	0
$W(\rightarrow \ell\nu)+\text{jets (LF)}$	189	17	16	2	177	16	15	1
$W(\rightarrow \ell\nu)+\text{jets (HF)}$	581	98	52	7	631	107	51	8
$Z(\rightarrow \ell\ell)+\text{jets}$	19	11	0	0	64	1	20	0
VV	35	9	2	0	33	1	5	4
Total background	1717 ± 62	442 ± 34	155 ± 23	36 ± 7	1769 ± 70	439 ± 30	189 ± 22	48 ± 9
Data	1750	437	133	40	1754	482	164	44
Signal								
$M_{W'_R} = 2000 \text{ GeV}$	53	43	41	25	79	75	57	35
$M_{W'_R} = 2600 \text{ GeV}$	8	6	16	10	14	12	24	15
$M_{W'_R} = 3200 \text{ GeV}$	2	1	4	3	3	2	8	5