

	After Lepton ID Requirement					MET > 50 GeV		H _T > 200 GeV		ML01 Signals	
	Z +jets	t \bar{t}	V V +jets	Σ SM	Data	Σ SM	Data	Σ SM	Data	MET > 50	H _T > 200
Channel	3-lepton channels										
II(OS)e	1.7	0.1	1.2	4.4 ± 1.5	6	0.1 ± 0.1	0	0.2 ± 0.1	1	121.4	141.5
II(OS) μ	2.83	0.2	1.7	4.7 ± 0.5	6	0.10 ± 0.1	0	0.1 ± 0.1	0	123.6	120.8
II(OS)T	121.5	0.5	0.7	123 ± 16	127	0.4 ± 0.1	0	–	–	80.5	–
II(OS) τ	476	2.7	3.9	484 ± 77	442	–	–	0.6 ± 0.2	1	–	68
II'T	0.72	0.5	0.2	1.7 ± 0.7	3	0.4 ± 0.2	2	–	–	18.6	–
II' τ	4.7	2.9	0.6	11.2 ± 2.5	10	–	–	0.4 ± 0.1	1	–	12.3
II(SS)I'	0.13	0.1	0.0	0.2 ± 0.1	0	0.2 ± 0.1	0	0	0	2.8	2.8
II(SS)T	0.25	0.0	0.1	0.7 ± 0.4	3	0.1 ± 0.1	0	–	–	9.0	–
II(SS) τ	1.4	0.0	0.1	3.0 ± 1.1	3	–	–	0.0 ± 0.1	0	–	6.9
Σ III(T)	127.1	1.4	3.8	135 ± 16	145	1.3 ± 0.2	2	–	–	355.9	–
Σ III(τ)	486.8	6.0	7.5	507 ± 77	467	–	–	1.3 ± 0.3	3	–	349.5
ITT	47.1	0.33	0.1	48 ± 9	30	0.4 ± 0.1	0	–	–	8.0	–
Channel	4-lepton channels										
IIII	0	0	0.2	0.2 ± 0.1	2	0	0	0	0	163.9	149.2
IIIT	0	0	0.1	0.1 ± 0.1	0	0	0	–	–	62.3	–
IIIT τ	0	0	0.1	0.1 ± 0.1	0	–	–	0	0	–	33.2
IIITT	0	0	0	0.0 ± 0.1	0	0	0	–	–	20.6	–
IIIT τ	3.1	0.1	0.1	3.2 ± 0.7	5	–	–	0	0	–	16.8
Σ IIIT(T)	0	0	0.3	0.3 ± 0.1	2	0	0	–	–	246.8	–
Σ IIIT(τ)	3.1	0.1	0.4	3.5 ± 0.7	5	–	–	0	0	–	199.2