

Process	pre-fit (post-fit) yields											
	$t\bar{t}H$ node		$t\bar{t}+b\bar{b}$ node		$t\bar{t}+2b$ node		$t\bar{t}+b$ node		$t\bar{t}+c\bar{c}$ node		$t\bar{t}+lf$ node	
$t\bar{t}+lf$	1982	(1381)	1280	(897)	852	(595)	916	(661)	243	(172)	50	(36)
$t\bar{t}+c\bar{c}$	1150	(1415)	998	(1230)	636	(805)	444	(567)	115	(147)	16	(19)
$t\bar{t}+b$	549	(705)	575	(746)	314	(409)	253	(338)	28	(35)	4	(5)
$t\bar{t}+2b$	306	(233)	282	(215)	372	(293)	78	(62)	10	(8)	1	(0.8)
$t\bar{t}+b\bar{b}$	834	(769)	1156	(1082)	299	(266)	145	(129)	17	(15)	3	(2)
Single t	110	(116)	146	(145)	92	(82)	53	(53)	4	(4)	3	(3)
V+jets	38	(37)	78	(76)	34	(30)	10	(9)	7	(6)	0.6	(0.6)
$t\bar{t}+V$	80	(75)	58	(54)	31	(28)	11	(11)	4	(4)	0.4	(0.4)
Diboson	0.9	(0.9)	0.5	(0.5)	0.4	(0.4)	0.4	(0.4)	—	(—)	—	(—)
Total bkg.	5049	(4733)	4575	(4447)	2629	(2509)	1911	(1831)	429	(392)	77	(67)
\pm tot unc.	± 1216	(± 186)	± 1156	(± 142)	± 603	(± 80)	± 422	(± 65)	± 107	(± 14)	± 18	(± 3)
$t\bar{t}H$	142	(108)	53	(40)	24	(18)	10	(7)	2.1	(1.5)	0.30	(0.23)
\pm tot unc.	± 19	(± 15)	± 8	(± 6)	± 3	(± 2)	± 1	(± 1)	± 0.2	(± 0.2)	± 0.03	(± 0.03)
Data	4822		4400		2484		1852		422		76	