

Fit category	Category	Signal	Bkg. (data)	Bkg. (MC)	S/B (data)	S/B (MC)
low- p_T $gg0\ell$	low- p_T $gg0\ell$	153	1883 [42450]	1868	0.08	0.08
high- p_T $gg0\ell$	high- p_T $gg0\ell$	114	1420 [22807]	1359	0.08	0.08
low- p_T $VBFjj$	low- p_T $VBFjj$	23.4	130 [2561]	122	0.18	0.19
high- p_T $VBFjj$	high- p_T $VBFjj$	18.7	103 [1487]	98.4	0.18	0.19
$Vjj+t\bar{t}0\ell$ (Lo)	low- p_T Vjj	10.7	81.1 [1283]	96.1	0.13	0.11
	$t\bar{t}0\ell$ 0b	2.9	27.4 [449]	24.7	0.11	0.12
high- p_T Vjj	high- p_T Vjj	11.4	40.8 [590]	45.4	0.28	0.25
Lep.+ $Z\nu\nu$ (Lo)	low- p_T $Z\nu\nu$	5.5	23.0 [322]	21.9	0.24	0.25
	low- p_T $W\ell\nu$	4.0	8.9 [249]	8.6	0.44	0.46
	$t\bar{t}\ell\nu$ 1b	6.4	17.8 [344]	18.4	0.36	0.35
Lep.+ $Z\nu\nu$ + $t\bar{t}0\ell$ (Hi)	$t\bar{t}0\ell$ 1b	3.5	4.5 [76]	4.5	0.71	0.78
	$Z\nu\nu$ Hi	7.7	7.5 [130]	6.7	1.03	1.16
	$Z\ell\ell$	1.7	0.3 [13]	0.3	5.19	5.93
	$W\ell\nu$ Hi	7.1	6.6 [115]	5.9	1.06	1.19
	$t\bar{t}\ell\nu$ 2b	4.6	3.5 [59]	3.6	1.34	1.29
	$t\bar{t}\ell\ell$	1.4	0.6 [15]	0.7	2.47	2.20