

Search region bin	Bin name	Observed data	Fitted nonresonant bkg	SM Higgs boson bkg
SP 25	0j, $\geq 0b$, p_T^0	53 252	$53\,662 \pm 104$	973 ± 68
SP 26	0j, $\geq 0b$, p_T^{75}	586	574 ± 27	33.3 ± 4.1
SP 27	0j, $\geq 0b$, p_T^{125}	51	49.5 ± 8.0	7.4 ± 0.8
SP 28	1-3j, 0b, p_T^0 , m_{T2}^0	14 648	$14\,753 \pm 138$	308 ± 33
SP 29	1-3j, 0b, p_T^0 , m_{T2}^{30}	2732	2725 ± 10	125 ± 10
SP 30	1-3j, 0b, p_T^{75} , m_{T2}^0	781	708 ± 30	101 ± 9
SP 31	1-3j, 0b, p_T^{75} , m_{T2}^{30}	103	101 ± 11	0.90 ± 0.38
SP 32	1-3j, 0b, p_T^{125} , m_{T2}^0	47	46.6 ± 7.7	0.95 ± 0.28
SP 33	1-3j, 0b, p_T^{125} , m_{T2}^{30}	52	37.2 ± 6.9	3.9 ± 0.6
SP 34	1-3j, 1b, p_T^0 , m_{T2}^0	4184	4149 ± 7	78.4 ± 7.7
SP 35	1-3j, 1b, p_T^0 , m_{T2}^{30}	928	902 ± 34	35.3 ± 3.1
SP 36	1-3j, 1b, p_T^{75} , m_{T2}^0	273	270 ± 19	36.4 ± 3.1
SP 37	1-3j, 1b, p_T^{75} , m_{T2}^{30}	75	78.0 ± 10.0	1.3 ± 0.1
SP 38	1-3j, 1b, p_T^{125} , m_{T2}^0	52	43.7 ± 7.5	0.97 ± 0.26
SP 39	1-3j, 1b, p_T^{125} , m_{T2}^{30}	38	30.8 ± 6.3	3.7 ± 0.8
SP 40	1-3j, $\geq 2b$, p_T^0 , m_{T2}^0	312	292 ± 19	5.6 ± 0.8
SP 41	1-3j, $\geq 2b$, p_T^0 , m_{T2}^{30}	79	79.6 ± 10.1	3.0 ± 0.3
SP 42	1-3j, $\geq 2b$, p_T^{75} , m_{T2}^0	37	34.3 ± 6.6	4.5 ± 0.6
SP 43	1-3j, $\geq 2b$, p_T^{75} , m_{T2}^{30}	26	24.0 ± 5.6	0.57 ± 0.06
SP 44	1-3j, $\geq 2b$, p_T^{125} , m_{T2}^0	16	12.3 ± 0.8	0.54 ± 0.10
SP 45	1-3j, $\geq 2b$, p_T^{125} , m_{T2}^{30}	15	10.0 ± 0.8	1.7 ± 0.2
SP 46	$\geq 4j$, 0b, p_T^0 , m_{T2}^0	2429	2426 ± 7	35.3 ± 2.6
SP 47	$\geq 4j$, 0b, p_T^0 , m_{T2}^{30}	339	339 ± 21	12.9 ± 1.2
SP 48	$\geq 4j$, 0b, p_T^{75} , m_{T2}^0	118	97.8 ± 11.2	11.1 ± 2.2
SP 49	$\geq 4j$, 0b, p_T^{75} , m_{T2}^{30}	15	19.5 ± 3.1	0.16 ± 0.05
SP 50	$\geq 4j$, 0b, p_T^{125} , m_{T2}^0	13	10.0 ± 1.7	0.08 ± 1.76
SP 51	$\geq 4j$, 0b, p_T^{125} , m_{T2}^{30}	7	6.5 ± 0.6	0.73 ± 0.18
SP 52	$\geq 4j$, 1b, p_T^0 , m_{T2}^0	833	800 ± 32	12.3 ± 2.5
SP 53	$\geq 4j$, 1b, p_T^0 , m_{T2}^{30}	132	135 ± 13	4.6 ± 0.3
SP 54	$\geq 4j$, 1b, p_T^{75} , m_{T2}^0	33	42.5 ± 7.4	4.8 ± 0.7
SP 55	$\geq 4j$, 1b, p_T^{75} , m_{T2}^{30}	13	20.2 ± 5.1	0.35 ± 0.04
SP 56	$\geq 4j$, 1b, p_T^{125} , m_{T2}^0	10	11.4 ± 1.5	0.34 ± 0.04
SP 57	$\geq 4j$, 1b, p_T^{125} , m_{T2}^{30}	9	8.4 ± 0.6	0.97 ± 0.11
SP 58	$\geq 4j$, $\geq 2b$, p_T^0 , m_{T2}^0	90	88.4 ± 10.7	1.1 ± 0.3
SP 59	$\geq 4j$, $\geq 2b$, p_T^0 , m_{T2}^{30}	25	20.9 ± 4.6	0.52 ± 0.06
SP 60	$\geq 4j$, $\geq 2b$, p_T^{75} , m_{T2}^0	11	8.7 ± 0.6	0.84 ± 0.17
SP 61	$\geq 4j$, $\geq 2b$, p_T^{75} , m_{T2}^{30}	12	11.5 ± 3.7	0.26 ± 0.09
SP 62	$\geq 4j$, $\geq 2b$, p_T^{125} , m_{T2}^0	6	3.7 ± 0.4	0.24 ± 0.08
SP 63	$\geq 4j$, $\geq 2b$, p_T^{125} , m_{T2}^{30}	4	5.2 ± 1.1	0.69 ± 0.09