

Search region bin	Bin name	Observed data	Fitted nonresonant bkg	SM Higgs boson bkg
SP 0	$Z_{\ell\ell}$	2	1.7 ± 0.2	0.84 ± 0.09
SP 1	$1\mu p_T^0, m_{T2}^0$	24	20.0 ± 0.9	1.6 ± 0.1
SP 2	$1\mu p_T^0, m_{T2}^{30}$	10	8.9 ± 1.4	1.1 ± 0.1
SP 3	$1\mu p_T^{75}, m_{T2}^0$	3	2.6 ± 0.5	0.89 ± 0.07
SP 4	$1\mu p_T^{75}, m_{T2}^{30}$	7	2.4 ± 0.4	0.79 ± 0.07
SP 5	$1\mu p_T^{125}, m_{T2}^0$	4	3.1 ± 0.4	1.0 ± 0.1
SP 6	$1\mu p_T^{125}, m_{T2}^{30}$	3	2.2 ± 0.4	1.1 ± 0.1
SP 7	$1e p_T^0, m_{T2}^0$	93	87.2 ± 10.6	1.1 ± 0.1
SP 8	$1e p_T^0, m_{T2}^{30}$	15	13.8 ± 0.9	0.59 ± 0.05
SP 9	$1e p_T^{75}, m_{T2}^0$	10	18.6 ± 3.0	0.74 ± 0.06
SP 10	$1e p_T^{75}, m_{T2}^{30}$	3	4.3 ± 0.3	0.48 ± 0.04
SP 11	$1e p_T^{125}, m_{T2}^0$	7	6.2 ± 0.4	1.1 ± 0.1
SP 12	$1e p_T^{125}, m_{T2}^{30}$	1	1.4 ± 0.2	0.89 ± 0.08
SP 13	$Zb\bar{b} p_T^0, m_{T2}^0$	227	224 ± 17	4.4 ± 0.6
SP 14	$Zb\bar{b} p_T^{75}, m_{T2}^0$	33	42.2 ± 7.4	1.7 ± 0.2
SP 15	$Zb\bar{b} p_T^{125}, m_{T2}^0$	15	15.7 ± 3.6	2.9 ± 0.3
SP 16	$Zb\bar{b} p_T^0, m_{T2}^{30}$	44	43.4 ± 7.5	0.83 ± 0.40
SP 17	$Zb\bar{b} p_T^{75}, m_{T2}^{30}$	13	10.8 ± 2.3	0.48 ± 0.13
SP 18	$Zb\bar{b} p_T^{125}, m_{T2}^{30}$	5	4.5 ± 0.4	0.82 ± 0.11
SP 19	$Hb\bar{b} p_T^0, m_{T2}^0$	179	179 ± 15	3.4 ± 0.3
SP 20	$Hb\bar{b} p_T^{75}, m_{T2}^0$	45	41.2 ± 1.9	1.9 ± 0.2
SP 21	$Hb\bar{b} p_T^{125}, m_{T2}^0$	22	18.4 ± 1.8	3.0 ± 0.9
SP 22	$Hb\bar{b} p_T^0, m_{T2}^{30}$	47	42.5 ± 7.4	0.93 ± 0.32
SP 23	$Hb\bar{b} p_T^{75}, m_{T2}^{30}$	13	12.1 ± 0.8	0.62 ± 0.06
SP 24	$Hb\bar{b} p_T^{125}, m_{T2}^{30}$	6	4.4 ± 0.7	1.3 ± 0.2