

Search region bin	Bin name	HH	ZH	WH (200,1)	\tilde{b} (450,1)	\tilde{b} (450,300)
SP 0	$Z_{\ell\ell}$	0.15 ± 0.02	1.2 ± 0.2	0.0 ± 0.0	0.07 ± 0.01	0.10 ± 0.01
SP 1	$1\mu p_T^0, m_{T2}^0$	0.67 ± 0.11	0.22 ± 0.04	0.63 ± 0.07	0.69 ± 0.06	0.10 ± 0.01
SP 2	$1\mu p_T^0, m_{T2}^{30}$	0.59 ± 0.10	0.23 ± 0.04	1.1 ± 0.1	0.88 ± 0.07	0.09 ± 0.01
SP 3	$1\mu p_T^{75}, m_{T2}^0$	0.68 ± 0.09	0.22 ± 0.03	0.44 ± 0.04	0.40 ± 0.03	0.17 ± 0.01
SP 4	$1\mu p_T^{75}, m_{T2}^{30}$	0.74 ± 0.09	0.27 ± 0.03	1.0 ± 0.1	0.45 ± 0.04	0.18 ± 0.01
SP 5	$1\mu p_T^{125}, m_{T2}^0$	1.6 ± 0.3	0.51 ± 0.08	0.72 ± 0.14	0.24 ± 0.02	1.2 ± 0.1
SP 6	$1\mu p_T^{125}, m_{T2}^{30}$	1.7 ± 0.3	0.58 ± 0.10	1.7 ± 0.3	0.32 ± 0.03	1.6 ± 0.1
SP 7	$1e p_T^0, m_{T2}^0$	0.43 ± 0.12	0.18 ± 0.03	0.41 ± 0.05	0.52 ± 0.04	0.06 ± 0.00
SP 8	$1e p_T^0, m_{T2}^{30}$	0.43 ± 0.11	0.19 ± 0.04	0.78 ± 0.12	0.52 ± 0.03	0.05 ± 0.00
SP 9	$1e p_T^{75}, m_{T2}^0$	0.45 ± 0.11	0.19 ± 0.02	0.30 ± 0.03	0.27 ± 0.02	0.12 ± 0.01
SP 10	$1e p_T^{75}, m_{T2}^{30}$	0.48 ± 0.09	0.22 ± 0.02	0.66 ± 0.07	0.29 ± 0.02	0.12 ± 0.01
SP 11	$1e p_T^{125}, m_{T2}^0$	1.3 ± 0.3	0.46 ± 0.09	0.60 ± 0.11	0.24 ± 0.02	0.87 ± 0.07
SP 12	$1e p_T^{125}, m_{T2}^{30}$	1.5 ± 0.3	0.57 ± 0.09	1.4 ± 0.3	0.28 ± 0.02	1.1 ± 0.1
SP 13	$Zb\bar{b} p_T^0, m_{T2}^0$	1.3 ± 0.2	0.50 ± 0.08	0.09 ± 0.02	3.0 ± 0.2	0.29 ± 0.02
SP 14	$Zb\bar{b} p_T^{75}, m_{T2}^0$	1.3 ± 0.1	0.52 ± 0.06	0.05 ± 0.01	1.7 ± 0.1	0.63 ± 0.04
SP 15	$Zb\bar{b} p_T^{125}, m_{T2}^0$	2.9 ± 0.5	1.2 ± 0.2	0.11 ± 0.02	1.3 ± 0.1	5.1 ± 0.3
SP 16	$Zb\bar{b} p_T^0, m_{T2}^{30}$	1.1 ± 0.2	0.49 ± 0.08	0.12 ± 0.02	2.5 ± 0.3	0.13 ± 0.01
SP 17	$Zb\bar{b} p_T^{75}, m_{T2}^{30}$	1.1 ± 0.1	0.52 ± 0.07	0.13 ± 0.02	1.5 ± 0.1	0.31 ± 0.03
SP 18	$Zb\bar{b} p_T^{125}, m_{T2}^{30}$	2.3 ± 0.4	1.3 ± 0.2	0.25 ± 0.05	1.1 ± 0.1	2.2 ± 0.2
SP 19	$Hb\bar{b} p_T^0, m_{T2}^0$	2.9 ± 0.5	0.81 ± 0.14	0.03 ± 0.01	5.9 ± 0.4	1.4 ± 0.1
SP 20	$Hb\bar{b} p_T^{75}, m_{T2}^0$	3.3 ± 0.3	0.91 ± 0.13	0.04 ± 0.01	3.4 ± 0.3	2.6 ± 0.2
SP 21	$Hb\bar{b} p_T^{125}, m_{T2}^0$	9.6 ± 1.8	2.6 ± 0.5	0.06 ± 0.01	3.0 ± 0.2	22.7 ± 1.7
SP 22	$Hb\bar{b} p_T^0, m_{T2}^{30}$	2.5 ± 0.4	0.71 ± 0.10	0.10 ± 0.01	4.7 ± 0.5	0.49 ± 0.05
SP 23	$Hb\bar{b} p_T^{75}, m_{T2}^{30}$	2.9 ± 0.3	0.82 ± 0.10	0.11 ± 0.02	3.0 ± 0.3	0.86 ± 0.08
SP 24	$Hb\bar{b} p_T^{125}, m_{T2}^{30}$	8.2 ± 1.6	2.4 ± 0.4	0.15 ± 0.04	2.8 ± 0.2	8.7 ± 0.7