

Search region bin	Category	Observed data	Fitted nonresonant bkg	SM Higgs boson bkg
EWP 0	Two-Lepton	2	$1.5 \pm 0.4$	$1.1 \pm 0.6$
EWP 1	Muon High- $p_T$	11	$6.2 \pm 0.9$	$3.7 \pm 0.8$
EWP 2	Muon Low- $p_T$	28	$15.8 \pm 1.4$	$3.0 \pm 0.8$
EWP 3	Electron High- $p_T$	17	$11.9 \pm 1.3$	$3.4 \pm 1.1$
EWP 4	Electron Low- $p_T$	8	$5.2 \pm 0.8$	$0.6 \pm 0.2$
EWP 5	Electron Low- $p_T$	18	$31.5 \pm 1.9$	$0.9 \pm 0.4$
EWP 6	Electron Low- $p_T$	9	$13.7 \pm 1.3$	$0.7 \pm 0.3$
EWP 7	$Hb\bar{b}$ High- $p_T$	9	$7.0 \pm 0.9$	$1.2 \pm 0.4$
EWP 8	$Hb\bar{b}$ High- $p_T$	19	$17.8 \pm 1.5$	$3.8 \pm 0.7$
EWP 9	$Hb\bar{b}$ Low- $p_T$	34	$25.8 \pm 1.8$	$0.8 \pm 0.1$
EWP 10	$Hb\bar{b}$ Low- $p_T$	60	$51.0 \pm 2.4$	$1.9 \pm 0.3$
EWP 11	$Zb\bar{b}$ High- $p_T$	3	$7.2 \pm 1.1$	$0.5 \pm 0.1$
EWP 12	$Zb\bar{b}$ High- $p_T$	17	$14.0 \pm 1.3$	$2.8 \pm 1.1$
EWP 13	$Zb\bar{b}$ High- $p_T$	10	$9.4 \pm 1.1$	$1.3 \pm 0.3$
EWP 14	$Zb\bar{b}$ Low- $p_T$	27	$35.2 \pm 2.0$	$0.8 \pm 0.2$
EWP 15	$Zb\bar{b}$ Low- $p_T$	84	$75.1 \pm 2.9$	$2.5 \pm 1.3$
EWP 16	$Zb\bar{b}$ Low- $p_T$	45	$46.3 \pm 2.3$	$1.2 \pm 0.4$
EWP 17	High- $p_T$	11	$14.4 \pm 1.3$	$1.8 \pm 0.2$
EWP 18	High- $p_T$	31	$21.8 \pm 1.6$	$2.1 \pm 0.4$
EWP 19	High- $p_T$	11	$13.5 \pm 1.3$	$1.2 \pm 0.3$
EWP 20	High- $p_T$	1834	$1648 \pm 14$	$248 \pm 38$
EWP 21	High- $p_T$	91	$100.2 \pm 3.7$	$8.9 \pm 1.5$
EWP 22	High- $p_T$	12	$14.4 \pm 1.4$	$1.2 \pm 0.2$
EWP 23	High-Res	30	$20.6 \pm 1.6$	$0.6 \pm 0.2$
EWP 24	High-Res	46	$49.1 \pm 4.0$	$1.5 \pm 0.5$
EWP 25	High-Res	9	$17.0 \pm 1.4$	$0.4 \pm 0.1$
EWP 26	High-Res	5186	$5057 \pm 25$	$219 \pm 42$
EWP 27	High-Res	53	$63.0 \pm 2.6$	$2.4 \pm 1.0$
EWP 28	High-Res	19	$17.7 \pm 1.5$	$0.5 \pm 0.1$
EWP 29	Low-Res	26	$33.8 \pm 2.1$	$0.3 \pm 0.1$
EWP 30	Low-Res	61	$65.8 \pm 3.0$	$0.9 \pm 0.2$
EWP 31	Low-Res	24	$18.3 \pm 1.5$	$0.2 \pm 0.1$
EWP 32	Low-Res	5548	$5328 \pm 22$	$141 \pm 27$
EWP 33	Low-Res	78	$79.1 \pm 2.9$	$1.4 \pm 0.4$
EWP 34	Low-Res	25	$23.7 \pm 1.8$	$0.4 \pm 0.1$