

Channel	4e	4 μ	2e2 μ	4 ℓ
SM Higgs boson ($m_h = 125$ GeV)	12.1 ± 1.4	21.1 ± 1.9	27.9 ± 2.4	61.1 ± 4.8
$Z\gamma^*, ZZ$	$7.0^{+0.9}_{-1.2}$	$14.7^{+1.1}_{-1.2}$	$18.4^{+1.7}_{-1.8}$	$40.1^{+3.2}_{-3.6}$
$t\bar{t}V$	0.10 ± 0.02	0.07 ± 0.02	0.12 ± 0.02	0.29 ± 0.05
	0.04 ± 0.03	—	0.03 ± 0.03	0.07 ± 0.06
Z_+	3.0 ± 2.1	4.7 ± 2.7	8.5 ± 3.8	16.2 ± 4.9
Total bkg.	$22.2^{+2.6}_{-2.8}$	40.6 ± 3.8	55.0 ± 4.8	$117.8^{+7.5}_{-7.7}$
Z' -2HDM ($m_{Z'} = 1200$ GeV, $m_A = 300$ GeV)	0.07 ± 0.02	0.11 ± 0.02	0.17 ± 0.03	0.36 ± 0.06
Baryonic Z' ($m_{Z'} = 500$ GeV, $m_\chi = 1$ GeV)	0.25 ± 0.06	0.45 ± 0.09	0.67 ± 0.14	1.38 ± 0.25
Observed	24	44	44	112