

	EW signal	Higgs boson	Tight fiducial	Loose fiducial
$p_T^{\ell'1}$ [GeV]	>25	>25	>25	>20
$p_T^{\ell'2}$ [GeV]	>15	>15	>15	>20
p_T^ℓ [GeV]	>20	>20	>20	>20
$ \eta^\mu $	<2.4	<2.4	<2.5	<2.5
$ \eta^e $	<2.5	<2.5	<2.5	<2.5
$ m_{e'e'} - m_Z $ [GeV]	<15	<15	<15	<15
$m_{3\ell}$ [GeV]	>100	>100	>100	>100
$m_{\ell\ell}$ [GeV]	>4	>4	>4	>4
p_T^{miss} [GeV]	>30	>30	—	—
$ \eta^j $	<4.7	<4.7	<4.7	<4.7
p_T^j [GeV]	>50	>30	>50	>30
$ \Delta R(j, \ell) $	>0.4	>0.4	>0.4	>0.4
n_j	≥ 2	≥ 2	≥ 2	≥ 2
p_T^b [GeV]	>30	>30	—	—
$ \eta^b $	<2.4	<2.4	—	—
n_b	=0	=0	—	—
m_{jj}	>500	>500	>500	>500
$ \Delta\eta_{jj} $	>2.5	>2.5	>2.5	>2.5
$ \eta^{3\ell} - (\eta^{j1} + \eta^{j2})/2 $	<2.5	—	<2.5	—