Decay mode	Fiducial phase space	$\sigma_{\text{fid}}(\text{H})$ (fb)	$\sigma_{\text{fid}}^{\text{SM}}(\text{H})$ (fb)
$\text{H} \to \gamma\gamma$ [526]	$p_{\text{T}}^{\gamma_1}/m_{\gamma\gamma} > 1/3$, $p_{\text{T}}^{\gamma_2}/m_{\gamma\gamma} > 1/4$, $\mathcal{I}_{\text{gen}}^{\gamma} < 10\,\text{GeV}$, $\lvert\eta^{\gamma}\rvert < 2.5$	$73.4^{+5.4}_{-5.3}\,(\text{stat})^{+2.4}_{-2.2}\,(\text{syst})$	75.4 ± 4.1
$\text{H} \to \text{ZZ} \to 4\ell$ [527]	$p_{\text{T}}^{\text{lead}} > 20\,\text{GeV}$, $p_{\text{T}}^{\text{sublead}} > 10\,\text{GeV}$, $p_{\text{T}}^{\ell} > 5(7)\,\text{GeV}$ for μ (e), $\lvert\eta^{\ell}\rvert < 2.4\,(2.5)$ for μ (e), $\mathcal{I}_{\text{gen}}^{\ell} < 0.35 p_{\text{T}}$, $40 < m_{\text{Z1}} < 120\,\text{GeV}$, $12 < m_{\text{Z2}} < 120\,\text{GeV}$, $\Delta R(\ell_i, \ell_j) > 0.02$ for $i \neq j$, $m_{\ell^+\ell^-} > 4\,\text{GeV}$, $105 < m_{4\ell} < 160\,\text{GeV}$	$2.73 \pm 0.22\,(\text{stat}) \pm 0.15\,(\text{syst})$	2.86 ± 0.15
$\text{H} \to \tau\tau$ [528]	$\mu\tau_{\text{h}}$ ($\text{e}\tau_{\text{h}}$): $p_{\text{T}}^{\ell} > 20\,(25)\,\text{GeV}$, $p_{\text{T,vis}}^{\tau_{\text{h}}} > 30\,\text{GeV}$, $\lvert\eta^{\ell}\rvert < 2.1$, $\lvert\eta^{\tau_{\text{h}}}\rvert < 2.3$, $m_{\text{T}}(\ell, p_{\text{T}}^{\text{miss}}) < 50\,\text{GeV}$, $\tau_{\text{h}}\tau_{\text{h}}$: $p_{\text{T,vis}}^{\tau_{\text{h}}} > 40\,\text{GeV}$, $\lvert\eta^{\tau_{\text{h}}}\rvert < 2.1$, $n_{j\,30\,\text{GeV}} \geq 1$ $\text{e}\mu$: $p_{\text{T}}^{\text{lead}} > 24\,\text{GeV}$, $p_{\text{T}}^{\text{sublead}} > 15\,\text{GeV}$, $\lvert\eta^{\ell}\rvert < 2.4$, $m_{\text{T}}(\text{e}\mu, \vec{p}_{\text{T}}^{\text{miss}}) < 60\,\text{GeV}$	426 ± 102	408 ± 27
$\text{H} \to \text{WW}$ [529]	$\text{e}\mu$, $p_{\text{T}}^{\text{lead}} > 25\,\text{GeV}$, $p_{\text{T}}^{\text{sublead}} > 13\,\text{GeV}$, $\lvert\eta_{\ell}\rvert < 2.5$, $m_{\ell\ell} > 12\,\text{GeV}$, $p_{\text{T}}^{\ell\ell} > 30\,\text{GeV}$, $m_{\text{T}}^{\ell 2} > 30\,\text{GeV}$, $m_{\text{T}}^{\text{H}} > 60\,\text{GeV}$	86.5 ± 9.5	82.5 ± 4.2