Channel	HLT object and WP	L1 object	$\mathcal{L}_{\text{peak}}$ ($\text{cm}^{-2}\,\text{s}^{-1}$)	$\int\mathcal{L}$ (fb^{-1})
$\mu\tau_{\text{h}}$	$p_{\text{T}}^{\mu} > 19\,\text{GeV}$, $p_{\text{T}}^{\tau_{\text{h}}} > 20\,\text{GeV}$, loose iso	$p_{\text{T}}^{\mu} > 18\,\text{GeV}$	1.5×10^{34}	35.9
$\text{e}\tau_{\text{h}}$	$p_{\text{T}}^{\text{e}} > 24\,\text{GeV}$, $p_{\text{T}}^{\tau_{\text{h}}} > 20\,\text{GeV}$, loose iso	$p_{\text{T}}^{\text{e}/\gamma} > 22\,\text{GeV}$	0.9×10^{34}	7.5
	$p_{\text{T}}^{\text{e}} > 24\,\text{GeV}$, $p_{\text{T}}^{\tau_{\text{h}}} > 20\,\text{GeV}$, loose iso	$p_{\text{T}}^{\text{e}/\gamma} > 22\,\text{GeV}$, $p_{\text{T}}^{\tau_{\text{h}}} > 20\,\text{GeV}$	1.3×10^{34}	10.2
	$p_{\text{T}}^{\text{e}} > 24\,\text{GeV}$, $p_{\text{T}}^{\tau_{\text{h}}} > 30\,\text{GeV}$, loose iso	$p_{\text{T}}^{\text{e}/\gamma} > 22\,\text{GeV}$, iso $p_{\text{T}}^{\tau_{\text{h}}} > 26\,\text{GeV}$	1.5×10^{34}	18.2
$\tau_{\text{h}}\tau_{\text{h}}$	$2 \times p_{\text{T}}^{\tau_{\text{h}}} > 35\,\text{GeV}$, medium iso	$2 \times$ iso $p_{\text{T}}^{\tau_{\text{h}}} > 28$–$36\,\text{GeV}$	1.3×10^{34}	27.3
	$2 \times p_{\text{T}}^{\tau_{\text{h}}} > 35\,\text{GeV}$, medium comb. iso	$2 \times$ iso $p_{\text{T}}^{\tau_{\text{h}}} > 28$–$36\,\text{GeV}$	1.5×10^{34}	8.6
$\tau_{\text{h}} p_{\text{T}}^{\text{miss}}$	$p_{\text{T}}^{\text{miss}} > 90\,\text{GeV}$, $p_{\text{T}}^{\tau_{\text{h}}} > 50\,\text{GeV}$, $p_{\text{T}}^{\text{h}^{\pm}} > 30\,\text{GeV}$, loose iso	$p_{\text{T}}^{\text{miss}} > 80$–$100\,\text{GeV}$	1.5×10^{34}	35.9
τ_{h}	$p_{\text{T}}^{\tau_{\text{h}}} > 140\,\text{GeV}$, $p_{\text{T}}^{\text{h}^{\pm}} > 50\,\text{GeV}$, tight iso	$p_{\text{T}}^{\tau_{\text{h}}} > 120\,\text{GeV}$	1.5×10^{34}	33.1