

Selection requirement	$T \rightarrow Ht$ [%]	$T \rightarrow Zt$ [%]	$T \rightarrow Wb$ [%]
Trigger and exactly 1 lepton with $p_T > 50$ GeV and $ \eta  < 2.4$	44	31	50
$\geq 1$ AK8 jet with $p_T > 250$ GeV	36	23	30
$p_{T,\text{rel}}(\ell, j) > 40$ GeV or $\Delta R(\ell, j) > 0.4$	18	14	18
$\geq 1$ H or Z/W tag	8.9	8.5	7.1
$\geq 1$ AK4 jet (top tag cat.) or 2 AK4 jets (no top tag cat.)	8.0	7.4	5.1
$\chi^2 < 50$	5.0	4.6	1.8