

Tagged Channel:

$$E_T^{jet_1} > 15 \text{ GeV}, E_T^{jet_2} > 12 \text{ GeV}$$

$$H_T \equiv \sum P_T < 215 + 325 \frac{\Delta\phi_{leps}\Delta\phi_{jets}}{\pi^2}$$

$$E_T^{leps} > 20 \text{ GeV}, \cancel{E}_T > 20 \text{ GeV}, m_{\ell\ell} > 20 \text{ GeV}$$

Events per 2.7 fb^{-1} in the signal region with ≥ 1 tag.

Source	ee	$\mu\mu$	$e\mu$	ll
top	11.3 ± 1.8	10.4 ± 1.6	26.7 ± 3.8	48.4 ± 7.0
ztop-HF	1.3 ± 0.3	0.9 ± 0.2	0.4 ± 0.1	2.6 ± 0.5
ztop-LF	0.9 ± 0.1	0.5 ± 0.1	0.3 ± 0.1	1.7 ± 0.1
diboson	0.2 ± 0.1	0.1 ± 0.1	0.3 ± 0.1	0.6 ± 0.1
fakeables	0.5 ± 0.2	0.5 ± 0.1	1.8 ± 0.5	2.8 ± 0.8
Total	14.2 ± 2.0	12.4 ± 1.6	29.4 ± 3.8	56.0 ± 7.3
Data	15	12	30	57