

	Baseline	Loose	Medium	Tight
$t\bar{t}_{\text{lepton+jets}}(\tau_h)$	128.1	40.0	24.4	18.4
$t\bar{t}_{\text{lepton+jets}}(\mu + \tau_\mu)$	24.0 + 21.5	6.9 + 6.6	4.0 + 3.0	3.0 + 2.8
$t\bar{t}_{\text{lepton+jets}}(e + \tau_e)$	37.5 + 27.4	11.3 + 8.3	6.9 + 5.0	5.0 + 3.4
$W(\tau_h)$	8.8	1.9	0.9	0.7
$W(\mu + \tau_\mu)$	1.8 + 1.2	0.6 + 0.9	0.3 + 0.6	0.2 + 0.2
$W(e + \tau_e)$	3.0 + 0.5	1.6 + 0.2	1.0 + 0.2	0.5 + 0.0
Single top	15.3	3.9	2.0	1.8
$t\bar{t}_{\text{di-lepton}}(\tau_h, \tau_h/\ell), \ell = e, \mu, \tau_e, \tau_\mu$	10.5	3.0	1.7	1.3
$t\bar{t}_{\text{di-lepton}}(\ell, \ell), \ell = e, \mu, \tau_e, \tau_\mu$	2.1	0.6	0.3	0.3
Total missing lepton	281.7	85.8	50.3	37.6
$Z(\nu\nu)$	25.7	15.3	8.5	3.3
QCD multijets	27.7	4.1	2.2	0.3
$t\bar{t}_{\text{all-hadronic}}$	2.3	1.0	0.8	0.8
MC total	337.4	106.2	61.8	42.0
$\tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}^0 \rightarrow bW^+\tilde{\chi}^0$ all	110.7	57.3	40.4	32.5
$\tilde{t}\tilde{t}, \tilde{t} \rightarrow t\tilde{\chi}^0 \rightarrow bW^+\tilde{\chi}^0$ all-hadronic $m_{\tilde{t}/\tilde{\chi}^0} = 350/50$ GeV	95.6	48.9	35.1	29.2
$\tilde{t}\tilde{t}, \tilde{t} \rightarrow b\tilde{\chi}^+ \rightarrow bW^+\tilde{\chi}^0$ all	102.9	45.0	31.2	24.2
$\tilde{t}\tilde{t}, \tilde{t} \rightarrow b\tilde{\chi}^+ \rightarrow bW^+\tilde{\chi}^0$ all-hadronic $m_{\tilde{t}/\tilde{\chi}^+/\tilde{\chi}^0} = 350/275/50$ GeV	91.1	40.4	28.4	22.4
Data	301	123	80	49