

Uncertainty of channel	SR1LBin0_Top1L	SR1LBin0_SingleTop
Total background expectation	105.76	18.19
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 10.28$	$\pm 4.27$
Total background systematic	$\pm 8.98$ [8.49%]	$\pm 5.44$ [29.93%]
mu_tt_1L	$\pm 19.59$ [18.5%]	$\pm 0.00$ [0.00%]
alpha_ISR-Top1L	$\pm 17.28$ [16.3%]	$\pm 0.00$ [0.00%]
alpha_PartonShower-Top1L	$\pm 13.06$ [12.3%]	$\pm 0.00$ [0.00%]
alpha_MatrixElement-Top1L	$\pm 6.74$ [6.4%]	$\pm 0.00$ [0.00%]
alpha_JER_EffectiveNP_1	$\pm 5.34$ [5.1%]	$\pm 0.04$ [0.20%]
alpha_JER_EffectiveNP_2	$\pm 4.16$ [3.9%]	$\pm 0.03$ [0.15%]
alpha_JER_DataVsMC	$\pm 3.75$ [3.5%]	$\pm 0.58$ [3.2%]
alpha_JER_EffectiveNP_7restTerm	$\pm 3.44$ [3.3%]	$\pm 0.12$ [0.68%]
alpha_JER_EffectiveNP_5	$\pm 2.68$ [2.5%]	$\pm 0.37$ [2.1%]
gamma_stat_SR1LBin0.cuts_bin_0	$\pm 2.53$ [2.4%]	$\pm 0.43$ [2.4%]
alpha_JER_EffectiveNP_3	$\pm 2.20$ [2.1%]	$\pm 0.26$ [1.4%]
alpha_JER_EffectiveNP_4	$\pm 1.99$ [1.9%]	$\pm 0.23$ [1.3%]
alpha_JER_EffectiveNP_6	$\pm 1.37$ [1.3%]	$\pm 0.21$ [1.2%]
alpha_MET_SoftTrk_ResoPerp	$\pm 1.26$ [1.2%]	$\pm 0.29$ [1.6%]
alpha_btag_BT	$\pm 1.13$ [1.1%]	$\pm 0.19$ [1.0%]
alpha_JES_Group3	$\pm 0.90$ [0.85%]	$\pm 0.29$ [1.6%]
alpha_JET_Flavor_Response	$\pm 0.74$ [0.70%]	$\pm 1.00$ [5.5%]
alpha_JES_Group2	$\pm 0.72$ [0.68%]	$\pm 0.62$ [3.4%]
alpha_JES_Group1	$\pm 0.58$ [0.55%]	$\pm 0.87$ [4.8%]
alpha_FSR-Top1L	$\pm 0.48$ [0.46%]	$\pm 0.00$ [0.00%]
alpha_EG_SCALE_ALL	$\pm 0.44$ [0.42%]	$\pm 0.03$ [0.16%]
alpha_pileup	$\pm 0.39$ [0.37%]	$\pm 0.20$ [1.1%]
alpha_btag_LightT	$\pm 0.35$ [0.33%]	$\pm 0.07$ [0.40%]
alpha_btag_CT	$\pm 0.25$ [0.24%]	$\pm 0.05$ [0.26%]
alpha_btag_ExtraFromCharm	$\pm 0.25$ [0.24%]	$\pm 0.01$ [0.04%]
alpha_MUON_MS	$\pm 0.22$ [0.21%]	$\pm 0.11$ [0.61%]
alpha_MET_SoftTrk	$\pm 0.21$ [0.20%]	$\pm 0.08$ [0.44%]
alpha_EG_RESOLUTION_ALL	$\pm 0.18$ [0.17%]	$\pm 0.02$ [0.12%]
alpha_JET_EtaInt_negEta	$\pm 0.16$ [0.15%]	$\pm 0.00$ [0.02%]
alpha_MUON_SCALE	$\pm 0.08$ [0.08%]	$\pm 0.09$ [0.47%]
alpha_EG_Eff	$\pm 0.08$ [0.08%]	$\pm 0.12$ [0.65%]
alpha_MUON_ID	$\pm 0.04$ [0.04%]	$\pm 0.14$ [0.74%]
alpha_btag_Extra	$\pm 0.01$ [0.01%]	$\pm 0.13$ [0.70%]
alpha_JET_EtaInt_highE	$\pm 0.01$ [0.01%]	$\pm 0.00$ [0.00%]
alpha_JVT	$\pm 0.01$ [0.01%]	$\pm 0.06$ [0.32%]
alpha_JET_EtaInt_posEta	$\pm 0.01$ [0.01%]	$\pm 0.00$ [0.00%]
alpha_MET_SoftTrk_ResoPara	$\pm 0.01$ [0.01%]	$\pm 0.15$ [0.83%]
alpha_EG_Reco	$\pm 0.01$ [0.01%]	$\pm 0.01$ [0.06%]
alpha_MUON_Eff_Iso_sys	$\pm 0.00$ [0.00%]	$\pm 0.02$ [0.08%]
alpha_MUON_Eff_stat	$\pm 0.00$ [0.00%]	$\pm 0.01$ [0.04%]
alpha_MUON_Eff_sys	$\pm 0.00$ [0.00%]	$\pm 0.08$ [0.43%]
alpha_EG-Trig	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_qsf-Wjets	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_JER_DataVsMC_AFII	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_MUON_Trig_sys	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_sys	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_ISR-SingleTop	$\pm 0.00$ [0.00%]	$\pm 2.05$ [11.3%]
alpha_muR_muF-ttV	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_ckkw-Wjets	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_fJVT	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_stat	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.01%]
alpha_EG-TrigEff	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_MatrixElement-SingleTop	$\pm 0.00$ [0.00%]	$\pm 1.39$ [7.6%]
alpha_Interference-SingleTop	$\pm 0.00$ [0.00%]	$\pm 0.73$ [4.0%]
gamma_stat_tW1L_CRWm.cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
Lumi	$\pm 0.00$ [0.00%]	$\pm 0.31$ [1.7%]
gamma_stat_SR1LBin3.cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_MUON_Eff_Iso_stat	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.01%]
alpha_MUON_Eff_sys_lowpt	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_ckkw-Zjets	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
mu_W	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
gamma_stat_SR1LBin4.cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_PartonShower-SingleTop	$\pm 0.00$ [0.00%]	$\pm 3.89$ [21.4%]
alpha_qsf-Zjets	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_muR_muF-Wjets	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_FSR-SingleTop	$\pm 0.00$ [0.00%]	$\pm 2.54$ [14.0%]
alpha_EG_SCALE_AF2	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
gamma_stat_SR1LBin1.cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]