

Uncertainty of channel	SR1LBin0_Top1L	SR1LBin0_SingleTop
Total background expectation	103.13	17.90
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 10.16$	$\pm 4.23$
Total background systematic	$\pm 30.15$ [29.24%]	$\pm 5.86$ [32.76%]
alpha_ISR-Top1L	$\pm 20.63$ [20.0%]	$\pm 0.00$ [0.00%]
alpha_PartonShower-Top1L	$\pm 17.16$ [16.6%]	$\pm 0.00$ [0.00%]
alpha_MatrixElement-Top1L	$\pm 9.07$ [8.8%]	$\pm 0.00$ [0.00%]
alpha_JER_EffectiveNP_1	$\pm 5.65$ [5.5%]	$\pm 0.04$ [0.22%]
alpha_JER_EffectiveNP_2	$\pm 4.30$ [4.2%]	$\pm 0.03$ [0.16%]
alpha_JER_DataVsMC	$\pm 3.86$ [3.7%]	$\pm 0.60$ [3.4%]
alpha_JER_EffectiveNP_7restTerm	$\pm 3.46$ [3.4%]	$\pm 0.13$ [0.71%]
alpha_JER_EffectiveNP_5	$\pm 2.68$ [2.6%]	$\pm 0.38$ [2.1%]
gamma_stat_SR1LBin0_cuts_bin_0	$\pm 2.55$ [2.5%]	$\pm 0.44$ [2.5%]
alpha_JER_EffectiveNP_3	$\pm 2.22$ [2.2%]	$\pm 0.27$ [1.5%]
alpha_JER_EffectiveNP_4	$\pm 2.00$ [1.9%]	$\pm 0.24$ [1.3%]
alpha_JER_EffectiveNP_6	$\pm 1.36$ [1.3%]	$\pm 0.21$ [1.2%]
alpha_MET_SoftTrk_ResoPerp	$\pm 1.25$ [1.2%]	$\pm 0.29$ [1.6%]
alpha_btag_BT	$\pm 1.13$ [1.1%]	$\pm 0.19$ [1.1%]
alpha_JES_Group3	$\pm 0.92$ [0.89%]	$\pm 0.31$ [1.7%]
alpha_JET_Flavor_Response	$\pm 0.58$ [0.56%]	$\pm 1.06$ [5.9%]
alpha_JES_Group2	$\pm 0.49$ [0.47%]	$\pm 0.61$ [3.4%]
alpha_FSR-Top1L	$\pm 0.47$ [0.45%]	$\pm 0.00$ [0.00%]
alpha_EG_SCALE_ALL	$\pm 0.46$ [0.45%]	$\pm 0.02$ [0.11%]
alpha_JES_Group1	$\pm 0.38$ [0.37%]	$\pm 0.94$ [5.3%]
alpha_pileup	$\pm 0.37$ [0.36%]	$\pm 0.20$ [1.1%]
alpha_btag_LightT	$\pm 0.35$ [0.33%]	$\pm 0.07$ [0.41%]
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_MET_SoftTrk	$\pm 0.24$ [0.24%]	$\pm 0.09$ [0.48%]
alpha_MUON_MS	$\pm 0.23$ [0.22%]	$\pm 0.12$ [0.66%]
alpha_EG_RESOLUTION_ALL	$\pm 0.19$ [0.18%]	$\pm 0.02$ [0.12%]
alpha_JET_EtaInt_negEta	$\pm 0.16$ [0.16%]	$\pm 0.00$ [0.02%]
alpha_MUON_SCALE	$\pm 0.09$ [0.08%]	$\pm 0.09$ [0.53%]
alpha_EG_Eff	$\pm 0.08$ [0.08%]	$\pm 0.12$ [0.65%]
alpha_MUON_ID	$\pm 0.04$ [0.04%]	$\pm 0.16$ [0.90%]
alpha_btag_Extra	$\pm 0.01$ [0.01%]	$\pm 0.13$ [0.71%]
alpha_JET_EtaInt_highE	$\pm 0.01$ [0.01%]	$\pm 0.00$ [0.00%]
mu_tt_1L	$\pm 0.01$ [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%]	$\pm 0.15$ [0.84%]
alpha_EG_Reco	$\pm 0.01$ [0.01%]	$\pm 0.01$ [0.06%]
alpha_MUON_Eff_Iso_sys	$\pm 0.00$ [0.00%]	$\pm 0.01$ [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%]	$\pm 1.87$ [10.4%]
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%]	$\pm 1.59$ [8.9%]
alpha_Interference-SingleTop	$\pm 0.00$ [0.00%]	$\pm 1.08$ [6.0%]
gamma_stat_tW1L_CRWm_cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
Lumi	$\pm 0.00$ [0.00%]	$\pm 0.30$ [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%]	$\pm 3.96$ [22.1%]
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%]	$\pm 2.79$ [15.6%]
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%]