

Uncertainty of channel	SR1LBin0_Top1L	SR1LBin0_SingleTop
Total background expectation	107.86	14.23
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 10.39	± 3.77
Total background systematic	± 10.17 [9.43%]	± 9.13 [64.19%]
mu_tt_1L	± 20.52 [19.0%]	± 0.00 [0.00%]
alpha_ISR-Top1L	± 18.71 [17.3%]	± 0.00 [0.00%]
alpha_PartonShower-Top1L	± 13.12 [12.2%]	± 0.00 [0.00%]
alpha_MatrixElement-Top1L	± 7.23 [6.7%]	± 0.00 [0.00%]
alpha_JER_EffectiveNP_1	± 5.41 [5.0%]	± 0.03 [0.20%]
alpha_JER_EffectiveNP_2	± 4.22 [3.9%]	± 0.02 [0.15%]
alpha_JER_DataVsMC	± 3.81 [3.5%]	± 0.45 [3.2%]
alpha_JER_EffectiveNP_7restTerm	± 3.50 [3.2%]	± 0.10 [0.68%]
alpha_JER_EffectiveNP_5	± 2.73 [2.5%]	± 0.29 [2.1%]
gamma_stat_SR1LBin0.cuts_bin_0	± 2.57 [2.4%]	± 0.34 [2.4%]
alpha_JER_EffectiveNP_3	± 2.25 [2.1%]	± 0.21 [1.4%]
alpha_JER_EffectiveNP_4	± 2.02 [1.9%]	± 0.18 [1.3%]
alpha_JER_EffectiveNP_6	± 1.39 [1.3%]	± 0.17 [1.2%]
alpha_MET_SoftTrk_ResoPerp	± 1.28 [1.2%]	± 0.22 [1.6%]
alpha_btag_BT	± 1.16 [1.1%]	± 0.15 [1.0%]
alpha_JES_Group3	± 0.92 [0.85%]	± 0.22 [1.6%]
alpha_JES_Group2	± 0.80 [0.74%]	± 0.51 [3.6%]
alpha_JET_Flavor_Response	± 0.79 [0.73%]	± 0.80 [5.6%]
alpha_JES_Group1	± 0.61 [0.57%]	± 0.70 [4.9%]
alpha_FSR-Top1L	± 0.53 [0.49%]	± 0.00 [0.00%]
alpha_EG_SCALE_ALL	± 0.45 [0.42%]	± 0.02 [0.17%]
alpha_pileup	± 0.39 [0.37%]	± 0.16 [1.1%]
alpha_btag_LightT	± 0.35 [0.33%]	± 0.06 [0.40%]
alpha_btag_CT	± 0.26 [0.24%]	± 0.04 [0.26%]
alpha_btag_ExtraFromCharm	± 0.25 [0.24%]	± 0.01 [0.04%]
alpha_MUON_MS	± 0.22 [0.20%]	± 0.08 [0.60%]
alpha_MET_SoftTrk	± 0.21 [0.19%]	± 0.06 [0.44%]
alpha_EG_RESOLUTION_ALL	± 0.19 [0.17%]	± 0.02 [0.14%]
alpha_JET_EtaInt_negEta	± 0.17 [0.15%]	± 0.00 [0.02%]
alpha_MUON_SCALE	± 0.09 [0.08%]	± 0.07 [0.47%]
alpha_EG_Eff	± 0.08 [0.08%]	± 0.09 [0.65%]
alpha_MUON_ID	± 0.04 [0.04%]	± 0.10 [0.72%]
alpha_btag_Extra	± 0.01 [0.01%]	± 0.10 [0.70%]
alpha_JET_EtaInt_highE	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_JVT	± 0.01 [0.01%]	± 0.05 [0.32%]
alpha_JET_EtaInt_posEta	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_MET_SoftTrk_ResoPara	± 0.01 [0.01%]	± 0.12 [0.83%]
alpha_EG_Reco	± 0.01 [0.01%]	± 0.01 [0.06%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.00%]	± 0.01 [0.08%]
alpha_MUON_Eff_stat	± 0.00 [0.00%]	± 0.01 [0.04%]
alpha_MUON_Eff_sys	± 0.00 [0.00%]	± 0.06 [0.43%]
alpha_EG-Trig	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_qsf-Wjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_JER_DataVsMC_AFII	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_Trig_sys	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_TTVA_sys	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_ISR-SingleTop	± 0.00 [0.00%]	± 2.10 [14.8%]
alpha_muR_muF-ttV	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_ckkw-Wjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_fJVT	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_TTVA_stat	± 0.00 [0.00%]	± 0.00 [0.01%]
alpha_EG-TrigEff	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MatrixElement-SingleTop	± 0.00 [0.00%]	± 1.39 [9.8%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 8.81 [61.9%]
gamma_stat_tW1L_CRWm.cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
Lumi	± 0.00 [0.00%]	± 0.24 [1.7%]
gamma_stat_SR1LBin3.cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_Eff_Iso_stat	± 0.00 [0.00%]	± 0.00 [0.01%]
alpha_MUON_Eff_sys_lowpt	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_ckkw-Zjets	± 0.00 [0.00%]	± 0.00 [0.00%]
mu_W	± 0.00 [0.00%]	± 0.00 [0.00%]
gamma_stat_SR1LBin4.cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_PartonShower-SingleTop	± 0.00 [0.00%]	± 3.91 [27.5%]
alpha_qsf-Zjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_muR_muF-Wjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_FSR-SingleTop	± 0.00 [0.00%]	± 2.52 [17.7%]
alpha_EG_SCALE_AF2	± 0.00 [0.00%]	± 0.00 [0.00%]
gamma_stat_SR1LBin1.cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]