

Uncertainty of channel	SR1LBin1_Top1L	SR1LBin1_SingleTop
Total background expectation	85.61	18.62
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 9.25$	$\pm 4.32$
Total background systematic	$\pm 10.82$ [12.64%]	$\pm 5.36$ [28.77%]
alpha_PartonShower-Top1L	$\pm 8.94$ [10.4%]	$\pm 0.00$ [0.00%]
alpha_FSR-Top1L	$\pm 4.38$ [5.1%]	$\pm 0.00$ [0.00%]
gamma_stat_SR1LBin1_cuts_bin_0	$\pm 2.10$ [2.5%]	$\pm 0.46$ [2.5%]
alpha_ISR-Top1L	$\pm 1.55$ [1.8%]	$\pm 0.00$ [0.00%]
alpha_MatrixElement-Top1L	$\pm 1.27$ [1.5%]	$\pm 0.00$ [0.00%]
alpha_JER_EffectiveNP_3	$\pm 1.25$ [1.5%]	$\pm 0.35$ [1.9%]
alpha_JER_EffectiveNP_1	$\pm 1.17$ [1.4%]	$\pm 0.17$ [0.93%]
alpha_JER_EffectiveNP_6	$\pm 1.04$ [1.2%]	$\pm 0.15$ [0.83%]
alpha_JER_EffectiveNP_7restTerm	$\pm 1.01$ [1.2%]	$\pm 0.09$ [0.48%]
alpha_JER_EffectiveNP_4	$\pm 0.99$ [1.2%]	$\pm 0.01$ [0.07%]
alpha_JER_EffectiveNP_2	$\pm 0.89$ [1.0%]	$\pm 0.46$ [2.5%]
alpha_btag_BT	$\pm 0.85$ [0.99%]	$\pm 0.24$ [1.3%]
alpha_JER_EffectiveNP_5	$\pm 0.78$ [0.91%]	$\pm 0.05$ [0.29%]
alpha_MET_SoftTrk_ResoPara	$\pm 0.63$ [0.74%]	$\pm 0.61$ [3.3%]
alpha_JES_Group2	$\pm 0.53$ [0.62%]	$\pm 1.08$ [5.8%]
alpha_JES_Group3	$\pm 0.39$ [0.45%]	$\pm 0.38$ [2.0%]
alpha_pileup	$\pm 0.38$ [0.45%]	$\pm 0.11$ [0.58%]
alpha_MET_SoftTrk_ResoPerp	$\pm 0.33$ [0.39%]	$\pm 0.72$ [3.9%]
alpha_EG_SCALE_ALL	$\pm 0.32$ [0.37%]	$\pm 0.03$ [0.14%]
alpha_btag_LightT	$\pm 0.20$ [0.23%]	$\pm 0.04$ [0.23%]
alpha_btag_CT	$\pm 0.18$ [0.21%]	$\pm 0.04$ [0.21%]
alpha_JER_DataVsMC	$\pm 0.16$ [0.19%]	$\pm 0.99$ [5.3%]
alpha_MUON_SCALE	$\pm 0.15$ [0.18%]	$\pm 0.08$ [0.45%]
alpha_btag_ExtraFromCharm	$\pm 0.15$ [0.18%]	$\pm 0.00$ [0.02%]
alpha_JES_Group1	$\pm 0.13$ [0.16%]	$\pm 0.94$ [5.0%]
alpha_MUON_ID	$\pm 0.12$ [0.14%]	$\pm 0.08$ [0.41%]
alpha_MUON_MS	$\pm 0.07$ [0.08%]	$\pm 0.03$ [0.17%]
alpha_MET_SoftTrk	$\pm 0.07$ [0.08%]	$\pm 0.05$ [0.25%]
alpha_EG_RESOLUTION_ALL	$\pm 0.07$ [0.08%]	$\pm 0.13$ [0.72%]
alpha_JET_EtaInt_posEta	$\pm 0.03$ [0.03%]	$\pm 0.00$ [0.00%]
alpha_JVT	$\pm 0.02$ [0.03%]	$\pm 0.03$ [0.14%]
alpha_EG_Eff	$\pm 0.02$ [0.03%]	$\pm 0.15$ [0.83%]
alpha_JET_EtaInt_negEta	$\pm 0.02$ [0.02%]	$\pm 0.00$ [0.00%]
mu_tt_1L	$\pm 0.01$ [0.01%]	$\pm 0.00$ [0.00%]
alpha_JET_EtaInt_highE	$\pm 0.01$ [0.01%]	$\pm 0.00$ [0.00%]
alpha_JET_Flavor_Response	$\pm 0.00$ [0.01%]	$\pm 0.72$ [3.9%]
alpha_MUON_Eff_Iso_sys	$\pm 0.00$ [0.00%]	$\pm 0.01$ [0.08%]
alpha_MUON_Eff_sys	$\pm 0.00$ [0.00%]	$\pm 0.07$ [0.36%]
alpha_btag_Extra	$\pm 0.00$ [0.00%]	$\pm 0.07$ [0.39%]
alpha_MUON_Eff_stat	$\pm 0.00$ [0.00%]	$\pm 0.01$ [0.04%]
alpha_EG_Reco	$\pm 0.00$ [0.00%]	$\pm 0.02$ [0.08%]
alpha_MUON_Eff_Iso_stat	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.01%]
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%]	$\pm 2.99$ [16.1%]
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%]	$\pm 2.48$ [13.3%]
alpha_Interference-SingleTop	$\pm 0.00$ [0.00%]	$\pm 2.75$ [14.8%]
gamma_stat_tW1L_CRWm_cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
Lumi	$\pm 0.00$ [0.00%]	$\pm 0.32$ [1.7%]
gamma_stat_SR1LBin3_cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
alpha_MUON_Eff_sys_lowpt	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
gamma_stat_SR1LBin0_cuts_bin_0	$\pm 0.00$ [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%]	$\pm 0.42$ [2.2%]
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%]	$\pm 0.68$ [3.6%]
alpha_EG_SCALE_AF2	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]