

Uncertainty of channel	SR1LBin0_Top1L	SR1LBin0_SingleTop
Total background expectation	106.05	16.86
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 10.30$	$\pm 4.11$
Total background systematic	$\pm 9.53$ [8.99%]	$\pm 5.09$ [30.16%]
mu_tt_1L	$\pm 7.92$ [7.5%]	$\pm 0.00$ [0.00%]
alpha_JER_EffectiveNP_1	$\pm 5.33$ [5.0%]	$\pm 0.03$ [0.20%]
alpha_JER_EffectiveNP_2	$\pm 4.16$ [3.9%]	$\pm 0.03$ [0.15%]
alpha_PartonShower-Top1L	$\pm 3.98$ [3.8%]	$\pm 0.00$ [0.00%]
alpha_JER_DataVsMC	$\pm 3.74$ [3.5%]	$\pm 0.54$ [3.2%]
alpha_JER_EffectiveNP_7restTerm	$\pm 3.45$ [3.2%]	$\pm 0.12$ [0.68%]
alpha_JER_EffectiveNP_5	$\pm 2.69$ [2.5%]	$\pm 0.35$ [2.1%]
alpha_FSR-Top1L	$\pm 2.66$ [2.5%]	$\pm 0.00$ [0.00%]
gamma_stat_SR1LBin0_cuts_bin_0	$\pm 2.53$ [2.4%]	$\pm 0.40$ [2.4%]
alpha_JER_EffectiveNP_3	$\pm 2.21$ [2.1%]	$\pm 0.24$ [1.4%]
alpha_MatrixElement-Top1L	$\pm 2.04$ [1.9%]	$\pm 0.00$ [0.00%]
alpha_JER_EffectiveNP_4	$\pm 1.99$ [1.9%]	$\pm 0.22$ [1.3%]
alpha_JER_EffectiveNP_6	$\pm 1.37$ [1.3%]	$\pm 0.20$ [1.2%]
alpha_MET_SoftTrk_ResoPerp	$\pm 1.26$ [1.2%]	$\pm 0.27$ [1.6%]
alpha_btag_BT	$\pm 1.13$ [1.1%]	$\pm 0.17$ [1.0%]
alpha_JES_Group3	$\pm 0.89$ [0.84%]	$\pm 0.26$ [1.5%]
alpha_ISR-Top1L	$\pm 0.77$ [0.73%]	$\pm 0.00$ [0.00%]
alpha_JES_Group2	$\pm 0.76$ [0.72%]	$\pm 0.61$ [3.6%]
alpha_JET_Flavor_Response	$\pm 0.74$ [0.70%]	$\pm 0.95$ [5.6%]
alpha_JES_Group1	$\pm 0.55$ [0.51%]	$\pm 0.84$ [5.0%]
alpha_EG_SCALE_ALL	$\pm 0.44$ [0.42%]	$\pm 0.03$ [0.18%]
alpha_pileup	$\pm 0.39$ [0.37%]	$\pm 0.19$ [1.1%]
alpha_btag_LightT	$\pm 0.35$ [0.33%]	$\pm 0.07$ [0.40%]
alpha_btag_CT	$\pm 0.26$ [0.24%]	$\pm 0.04$ [0.26%]
alpha_btag_ExtraFromCharm	$\pm 0.25$ [0.24%]	$\pm 0.01$ [0.04%]
alpha_MUON_MS	$\pm 0.21$ [0.20%]	$\pm 0.10$ [0.59%]
alpha_MET_SoftTrk	$\pm 0.20$ [0.19%]	$\pm 0.07$ [0.44%]
alpha_EG_RESOLUTION_ALL	$\pm 0.18$ [0.17%]	$\pm 0.02$ [0.14%]
alpha_JET_EtaInt_negEta	$\pm 0.16$ [0.15%]	$\pm 0.00$ [0.02%]
alpha_MUON_SCALE	$\pm 0.08$ [0.08%]	$\pm 0.08$ [0.46%]
alpha_EG_Eff	$\pm 0.08$ [0.08%]	$\pm 0.11$ [0.65%]
alpha_MUON_ID	$\pm 0.04$ [0.04%]	$\pm 0.12$ [0.74%]
alpha_btag_Extra	$\pm 0.01$ [0.01%]	$\pm 0.12$ [0.70%]
alpha_JET_EtaInt_highE	$\pm 0.01$ [0.01%]	$\pm 0.00$ [0.00%]
alpha_JVT	$\pm 0.01$ [0.01%]	$\pm 0.05$ [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%]	$\pm 0.14$ [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%]	$\pm 0.01$ [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%]	$\pm 0.07$ [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%]	$\pm 1.97$ [11.7%]
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%]	$\pm 1.59$ [9.4%]
alpha_Interference-SingleTop	$\pm 0.00$ [0.00%]	$\pm 1.03$ [6.1%]
gamma_stat_tW1L_CRWm_cuts_bin_0	$\pm 0.00$ [0.00%]	$\pm 0.00$ [0.00%]
Lumi	$\pm 0.00$ [0.00%]	$\pm 0.28$ [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%]	$\pm 3.87$ [23.0%]
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%]	$\pm 1.71$ [10.1%]
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%]