

Uncertainty of channel	SR1LBin0_Top1L	SR1LBin0_SingleTop
Total background expectation	103.13	17.90
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 10.16	± 4.23
Total background systematic	± 12.92 [12.53%]	± 5.86 [32.76%]
alpha_JER_EffectiveNP_1	± 5.65 [5.5%]	± 0.04 [0.22%]
alpha_PartonShower-Top1L	± 5.43 [5.3%]	± 0.00 [0.00%]
alpha_FSR-Top1L	± 4.82 [4.7%]	± 0.00 [0.00%]
alpha_JER_EffectiveNP_2	± 4.30 [4.2%]	± 0.03 [0.16%]
alpha_JER_DataVsMC	± 3.86 [3.7%]	± 0.60 [3.4%]
alpha_JER_EffectiveNP_7restTerm	± 3.46 [3.4%]	± 0.13 [0.71%]
alpha_JER_EffectiveNP_5	± 2.68 [2.6%]	± 0.38 [2.1%]
alpha_MatrixElement-Top1L	± 2.59 [2.5%]	± 0.00 [0.00%]
gamma_stat_SR1LBin0_cuts_bin_0	± 2.55 [2.5%]	± 0.44 [2.5%]
alpha_JER_EffectiveNP_3	± 2.22 [2.2%]	± 0.27 [1.5%]
alpha_JER_EffectiveNP_4	± 2.00 [1.9%]	± 0.24 [1.3%]
alpha_JER_EffectiveNP_6	± 1.36 [1.3%]	± 0.21 [1.2%]
alpha_MET_SoftTrk_ResoPerp	± 1.25 [1.2%]	± 0.29 [1.6%]
alpha_btag_BT	± 1.13 [1.1%]	± 0.19 [1.1%]
alpha_JES_Group3	± 0.92 [0.89%]	± 0.31 [1.7%]
alpha_ISR-Top1L	± 0.87 [0.84%]	± 0.00 [0.00%]
alpha_JET_Flavor_Response	± 0.58 [0.56%]	± 1.06 [5.9%]
alpha_JES_Group2	± 0.49 [0.47%]	± 0.61 [3.4%]
alpha_EG_SCALE_ALL	± 0.46 [0.45%]	± 0.02 [0.11%]
alpha_JES_Group1	± 0.38 [0.37%]	± 0.94 [5.3%]
alpha_pileup	± 0.37 [0.36%]	± 0.20 [1.1%]
alpha_btag_LightT	± 0.35 [0.33%]	± 0.07 [0.41%]
alpha_btag_CT	± 0.25 [0.24%]	± 0.05 [0.26%]
alpha_btag_ExtraFromCharm	± 0.25 [0.24%]	± 0.01 [0.04%]
alpha_MET_SoftTrk	± 0.24 [0.24%]	± 0.09 [0.48%]
alpha_MUON_MS	± 0.23 [0.22%]	± 0.12 [0.66%]
alpha_EG_RESOLUTION_ALL	± 0.19 [0.18%]	± 0.02 [0.12%]
alpha_JET_EtaInt_negEta	± 0.16 [0.16%]	± 0.00 [0.02%]
alpha_MUON_SCALE	± 0.09 [0.08%]	± 0.09 [0.53%]
alpha_EG_Eff	± 0.08 [0.08%]	± 0.12 [0.65%]
alpha_MUON_ID	± 0.04 [0.04%]	± 0.16 [0.90%]
alpha_btag_Extra	± 0.01 [0.01%]	± 0.13 [0.71%]
alpha_JET_EtaInt_highE	± 0.01 [0.01%]	± 0.00 [0.00%]
mu_tt_1L	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_JVT	± 0.01 [0.01%]	± 0.06 [0.32%]
alpha_JET_EtaInt_posEta	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_MET_SoftTrk_ResoPara	± 0.01 [0.01%]	± 0.15 [0.84%]
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%]	± 0.08 [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%]	± 1.87 [10.4%]
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%]	± 1.59 [8.9%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 1.08 [6.0%]
gamma_stat_tW1L_CRWm_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
Lumi	± 0.00 [0.00%]	± 0.30 [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%]	± 3.96 [22.1%]
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%]	± 2.79 [15.6%]
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%]