

Uncertainty of channel	SR2L
Total background expectation	7.83
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 2.80
Total background systematic	± 2.10 [26.78%]
alpha_singletopSyst	± 1.07 [13.6%]
alpha_JER_EffectiveNP_3	± 0.89 [11.3%]
alpha_JER_EffectiveNP_1	± 0.82 [10.4%]
alpha_JES_Group2	± 0.74 [9.5%]
alpha_JER_EffectiveNP_2	± 0.72 [9.2%]
alpha_JES_Group1	± 0.71 [9.1%]
mu_ttV	± 0.68 [8.7%]
alpha_JET_Flavor_Response	± 0.66 [8.5%]
alpha_MatrixElement-Top2L	± 0.64 [8.2%]
gamma_stat_SR2L.cuts.bin_0	± 0.62 [7.9%]
mu_tt_2L	± 0.56 [7.2%]
alpha_ISR-Top2L	± 0.49 [6.3%]
alpha_JER_EffectiveNP_5	± 0.48 [6.2%]
alpha_PartonShower-Top2L	± 0.45 [5.8%]
alpha_JER_EffectiveNP_7restTerm	± 0.45 [5.8%]
alpha_JER_EffectiveNP_6	± 0.45 [5.7%]
alpha_muR_muF_ttV	± 0.34 [4.4%]
alpha_JER_EffectiveNP_4	± 0.31 [3.9%]
alpha_JER_DataVsMC	± 0.24 [3.0%]
alpha_pileup	± 0.15 [1.9%]
mu_dib	± 0.14 [1.8%]
alpha_MUON_Trig_sys	± 0.13 [1.6%]
alpha_MET_SoftTrk_ResoPerp	± 0.09 [1.2%]
alpha_btag_BT	± 0.09 [1.1%]
alpha_MET_SoftTrk	± 0.08 [0.99%]
alpha_btag_Extra	± 0.07 [0.92%]
alpha_FSR-Top2L	± 0.07 [0.83%]
alpha_MET_SoftTrk_ResoPara	± 0.06 [0.77%]
alpha_muR_muF-Diboson	± 0.05 [0.68%]
alpha_EG_RESOLUTION_ALL	± 0.05 [0.67%]
alpha_EG_Eff	± 0.02 [0.31%]
alpha_JVT	± 0.02 [0.31%]
alpha_MUON_MS	± 0.02 [0.29%]
Lumi	± 0.02 [0.26%]
alpha_MUON_ID	± 0.02 [0.25%]
alpha_JES_Group3	± 0.02 [0.24%]
alpha_MUON_SCALE	± 0.01 [0.14%]
alpha_btag_LightT	± 0.01 [0.11%]
alpha_JET_EtaInt_negEta	± 0.01 [0.10%]
alpha_btag_CT	± 0.01 [0.10%]
alpha_MUON_Trig_stat	± 0.01 [0.09%]
alpha_MUON_Eff_sys	± 0.01 [0.07%]
alpha_JER_DataVsMC_AFII	± 0.01 [0.07%]
alpha_EG_Reco	± 0.00 [0.04%]
alpha_EG_Trig	± 0.00 [0.04%]
alpha_EG_SCALE_ALL	± 0.00 [0.03%]
alpha_EG_SCALE_AF2	± 0.00 [0.02%]
alpha_JET_EtaInt_posEta	± 0.00 [0.01%]
alpha_btag_ExtraFromCharm	± 0.00 [0.01%]
alpha_EG_TrigEff	± 0.00 [0.01%]
alpha_JET_RelNonClos_AFII	± 0.00 [0.01%]
alpha_MUON_Eff_stat	± 0.00 [0.01%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.01%]
alpha_MUON_Eff_Iso_stat	± 0.00 [0.00%]
alpha_MUON_TTVA_stat	± 0.00 [0.00%]
alpha_MUON_TTVA_sys	± 0.00 [0.00%]
alpha_JET_EtaInt_highE	± 0.00 [0.00%]
gamma_stat_tW2L_CRtt.cuts.bin_0	± 0.00 [0.00%]
alpha_fJVT	± 0.00 [0.00%]
alpha_MUON_Eff_stat_lowpt	± 0.00 [0.00%]
alpha_fakesSyst	± 0.00 [0.00%]
alpha_MUON_Eff_sys_lowpt	± 0.00 [0.00%]
gamma_stat_tW2L_CRWZ.cuts.bin_0	± 0.00 [0.00%]
alpha_MUON_Eff_BadMuon_sys	± 0.00 [0.00%]
alpha_MUON_Eff_BadMuon_stat	± 0.00 [0.00%]
gamma_stat_tW2L_CRttZ.cuts.bin_0	± 0.00 [0.00%]