

Uncertainty of channel	SR2L
Total background expectation	5.68
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 2.38
Total background systematic	± 1.61 [28.30%]
alpha_singletopSyst	± 0.71 [12.5%]
alpha_muR_muF-ttV	± 0.61 [10.7%]
alpha_JER_EffectiveNP_1	± 0.50 [8.9%]
alpha_JER_EffectiveNP_2	± 0.49 [8.7%]
alpha_JER_EffectiveNP_3	± 0.49 [8.5%]
gamma_stat_SR2L.cuts_bin_0	± 0.48 [8.4%]
alpha_JES_Group1	± 0.39 [6.9%]
alpha_JES_Group2	± 0.37 [6.6%]
alpha_MatrixElement-Top2L	± 0.30 [5.4%]
alpha_JET_Flavor_Response	± 0.28 [4.9%]
alpha_ISR-Top2L	± 0.24 [4.2%]
alpha_JER_EffectiveNP_5	± 0.23 [4.1%]
alpha_JER_EffectiveNP_7restTerm	± 0.22 [3.9%]
alpha_PartonShower-Top2L	± 0.21 [3.7%]
alpha_JER_EffectiveNP_4	± 0.15 [2.7%]
alpha_muR_muF-Diboson	± 0.14 [2.5%]
alpha_JER_EffectiveNP_6	± 0.13 [2.2%]
alpha_JER_DataVsMC	± 0.07 [1.3%]
alpha_MUON_Trig_sys	± 0.07 [1.2%]
alpha_EG_Eff	± 0.04 [0.73%]
alpha_MET_SoftTrk_ResoPerp	± 0.04 [0.71%]
alpha_EG_RESOLUTION_ALL	± 0.03 [0.55%]
alpha_FSR-Top2L	± 0.03 [0.45%]
alpha_MET_SoftTrk_ResoPara	± 0.02 [0.41%]
alpha_JES_Group3	± 0.02 [0.41%]
alpha_MET_SoftTrk	± 0.02 [0.35%]
alpha_JVT	± 0.02 [0.29%]
alpha_btag_BT	± 0.02 [0.27%]
alpha_MUON_ID	± 0.01 [0.22%]
alpha_MUON_Eff_sys	± 0.01 [0.21%]
alpha_JET_EtaInt_negEta	± 0.01 [0.20%]
alpha_pileup	± 0.01 [0.19%]
alpha_btag_Extra	± 0.01 [0.10%]
alpha_btag_ExtraFromCharm	± 0.01 [0.09%]
alpha_MUON_SCALE	± 0.00 [0.08%]
alpha_JER_DataVsMC_AFII	± 0.00 [0.07%]
Lumi	± 0.00 [0.07%]
alpha_MUON_Trig_stat	± 0.00 [0.06%]
alpha_EG_Reco	± 0.00 [0.06%]
alpha_EG_Trig	± 0.00 [0.05%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.05%]
alpha_MUON_Eff_stat	± 0.00 [0.04%]
alpha_MUON_MS	± 0.00 [0.04%]
alpha_EG_SCALE_AF2	± 0.00 [0.02%]
alpha_JET_EtaInt_posEta	± 0.00 [0.01%]
alpha_btag_LightT	± 0.00 [0.01%]
alpha_EG_SCALE_ALL	± 0.00 [0.01%]
alpha_MUON_TTVA_stat	± 0.00 [0.01%]
alpha_JET_RelNonClos_AFII	± 0.00 [0.01%]
alpha_EG_TrigEff	± 0.00 [0.01%]
mu_ttV	± 0.00 [0.01%]
alpha_MUON_Eff_Iso_stat	± 0.00 [0.00%]
mu_tt_2L	± 0.00 [0.00%]
alpha_MUON_TTVA_sys	± 0.00 [0.00%]
alpha_btag_CT	± 0.00 [0.00%]
mu_dib	± 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%]