

Uncertainty of channel	SR2L
Total background expectation	7.88
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 2.81$
Total background systematic	$\pm 2.36$ [30.00%]
alpha_JER_EffectiveNP_3	$\pm 1.21$ [15.3%]
alpha_JER_EffectiveNP_1	$\pm 1.07$ [13.6%]
alpha_JES_Group2	$\pm 0.95$ [12.0%]
alpha_JES_Group1	$\pm 0.92$ [11.7%]
alpha_JER_EffectiveNP_2	$\pm 0.92$ [11.7%]
alpha_JET_Flavor_Response	$\pm 0.86$ [10.9%]
alpha_MatrixElement-Top2L	$\pm 0.72$ [9.1%]
mu_ttV	$\pm 0.70$ [8.8%]
alpha_JER_EffectiveNP_5	$\pm 0.67$ [8.5%]
alpha_ISR-Top2L	$\pm 0.63$ [8.0%]
gamma_stat_SR2L.cuts.bin_0	$\pm 0.62$ [7.9%]
alpha_JER_EffectiveNP_7restTerm	$\pm 0.62$ [7.9%]
alpha_JER_EffectiveNP_6	$\pm 0.61$ [7.8%]
mu_tt_2L	$\pm 0.55$ [7.0%]
alpha_JER_EffectiveNP_4	$\pm 0.44$ [5.6%]
alpha_PartonShower-Top2L	$\pm 0.43$ [5.4%]
alpha_muR_muF_ttV	$\pm 0.35$ [4.4%]
alpha_JER_DataVsMC	$\pm 0.33$ [4.1%]
mu_dib	$\pm 0.14$ [1.8%]
alpha_pileup	$\pm 0.13$ [1.6%]
alpha_MUON_Trig_sys	$\pm 0.11$ [1.3%]
alpha_FSR-Top2L	$\pm 0.09$ [1.2%]
alpha_muR_muF-Diboson	$\pm 0.07$ [0.93%]
alpha_MET_SoftTrk_ResoPerp	$\pm 0.07$ [0.90%]
alpha_EG_RESOLUTION_ALL	$\pm 0.06$ [0.80%]
alpha_btag_BT	$\pm 0.06$ [0.76%]
alpha_MET_SoftTrk	$\pm 0.05$ [0.69%]
alpha_EG_Eff	$\pm 0.05$ [0.63%]
alpha_MET_SoftTrk_ResoPara	$\pm 0.05$ [0.62%]
alpha_JVT	$\pm 0.04$ [0.45%]
alpha_MUON_MS	$\pm 0.03$ [0.42%]
alpha_MUON_ID	$\pm 0.02$ [0.28%]
alpha_JES_Group3	$\pm 0.02$ [0.24%]
alpha_MUON_SCALE	$\pm 0.02$ [0.23%]
alpha_btag_Extra	$\pm 0.01$ [0.16%]
alpha_JET_EtaInt_negEta	$\pm 0.01$ [0.13%]
alpha_MUON_Trig_stat	$\pm 0.01$ [0.08%]
alpha_JER_DataVsMC_AFII	$\pm 0.01$ [0.07%]
alpha_EG_Reco	$\pm 0.01$ [0.07%]
alpha_btag_LightT	$\pm 0.01$ [0.07%]
Lumi	$\pm 0.00$ [0.05%]
alpha_btag_ExtraFromCharm	$\pm 0.00$ [0.04%]
alpha_btag_CT	$\pm 0.00$ [0.03%]
alpha_JET_EtaInt_highE	$\pm 0.00$ [0.03%]
alpha_fJVT	$\pm 0.00$ [0.03%]
alpha_MUON_Eff_stat_lowpt	$\pm 0.00$ [0.03%]
alpha_MUON_Eff_sys_lowpt	$\pm 0.00$ [0.03%]
alpha_MUON_Eff_BadMuon_stat	$\pm 0.00$ [0.03%]
alpha_MUON_Eff_BadMuon_sys	$\pm 0.00$ [0.03%]
alpha_MUON_Eff_sys	$\pm 0.00$ [0.03%]
alpha_EG_SCALE_ALL	$\pm 0.00$ [0.03%]
alpha_MUON_Eff_stat	$\pm 0.00$ [0.02%]
alpha_JET_EtaInt_posEta	$\pm 0.00$ [0.02%]
alpha_EG_SCALE_AF2	$\pm 0.00$ [0.02%]
alpha_MUON_Eff_Iso_sys	$\pm 0.00$ [0.02%]
alpha_EG_Trig	$\pm 0.00$ [0.01%]
alpha_JET_RelNonClos_AFII	$\pm 0.00$ [0.01%]
alpha_MUON_Eff_Iso_stat	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_stat	$\pm 0.00$ [0.00%]
alpha_EG_TrigEff	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_sys	$\pm 0.00$ [0.00%]
gamma_stat_tW2L_CRtt.cuts.bin_0	$\pm 0.00$ [0.00%]
alpha_fakesSyst	$\pm 0.00$ [0.00%]
gamma_stat_tW2L_CRWZ.cuts.bin_0	$\pm 0.00$ [0.00%]
gamma_stat_tW2L_CRttZ.cuts.bin_0	$\pm 0.00$ [0.00%]