

Uncertainty of channel	SR2L
Total background expectation	6.54
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 2.56$
Total background systematic	$\pm 3.70$ [56.58%]
alpha_MET_SoftTrk_ResoPerp	$\pm 0.90$ [13.8%]
alpha_EG_RESOLUTION_ALL	$\pm 0.89$ [13.6%]
alpha_JET_EtaInt_posEta	$\pm 0.86$ [13.1%]
alpha_fJVT	$\pm 0.86$ [13.1%]
alpha_MUON_Eff_stat_lowpt	$\pm 0.86$ [13.1%]
alpha_MUON_Eff_sys_lowpt	$\pm 0.86$ [13.1%]
alpha_MUON_Eff_BadMuon_sys	$\pm 0.86$ [13.1%]
alpha_MUON_Eff_BadMuon_stat	$\pm 0.86$ [13.1%]
alpha_JET_EtaInt_highE	$\pm 0.86$ [13.1%]
alpha_EG_SCALE_ALL	$\pm 0.86$ [13.1%]
alpha_JET_EtaInt_negEta	$\pm 0.85$ [12.9%]
alpha_MET_SoftTrk_ResoPara	$\pm 0.84$ [12.8%]
alpha_JER_EffectiveNP_4	$\pm 0.81$ [12.4%]
alpha_JER_DataVsMC	$\pm 0.78$ [12.0%]
alpha_JER_EffectiveNP_7restTerm	$\pm 0.74$ [11.4%]
alpha_JER_EffectiveNP_5	$\pm 0.74$ [11.3%]
alpha_JER_EffectiveNP_6	$\pm 0.73$ [11.2%]
alpha_muR_muF_ttV	$\pm 0.61$ [9.3%]
alpha_JER_EffectiveNP_3	$\pm 0.48$ [7.4%]
gamma_stat_SR2L_cuts_bin_0	$\pm 0.48$ [7.3%]
alpha_JER_EffectiveNP_2	$\pm 0.47$ [7.3%]
alpha_JER_EffectiveNP_1	$\pm 0.46$ [7.1%]
alpha_JES_Group1	$\pm 0.39$ [6.0%]
alpha_JES_Group2	$\pm 0.37$ [5.7%]
alpha_MatrixElement-Top2L	$\pm 0.30$ [4.7%]
alpha_JET_Flavor_Response	$\pm 0.28$ [4.2%]
alpha_ISR-Top2L	$\pm 0.24$ [3.7%]
alpha_PartonShower-Top2L	$\pm 0.21$ [3.2%]
alpha_muR_muF-Diboson	$\pm 0.14$ [2.1%]
alpha_MUON_Trig_sys	$\pm 0.07$ [1.1%]
alpha_EG_Eff	$\pm 0.04$ [0.59%]
alpha_FSR-Top2L	$\pm 0.03$ [0.39%]
alpha_JES_Group3	$\pm 0.02$ [0.35%]
alpha_MET_SoftTrk	$\pm 0.02$ [0.34%]
alpha_btag_BT	$\pm 0.02$ [0.33%]
Lumi	$\pm 0.02$ [0.28%]
alpha_pileup	$\pm 0.02$ [0.27%]
alpha_JVT	$\pm 0.02$ [0.24%]
alpha_btag_Extra	$\pm 0.01$ [0.22%]
alpha_MUON_Eff_sys	$\pm 0.01$ [0.16%]
alpha_MUON_ID	$\pm 0.01$ [0.15%]
alpha_btag_ExtraFromCharm	$\pm 0.00$ [0.08%]
alpha_MUON_SCALE	$\pm 0.00$ [0.07%]
alpha_JER_DataVsMC_AFII	$\pm 0.00$ [0.06%]
alpha_MUON_Trig_stat	$\pm 0.00$ [0.06%]
alpha_EG_Reco	$\pm 0.00$ [0.05%]
alpha_EG_Trig	$\pm 0.00$ [0.05%]
alpha_MUON_Eff_Iso_sys	$\pm 0.00$ [0.04%]
alpha_MUON_Eff_stat	$\pm 0.00$ [0.03%]
alpha_MUON_MS	$\pm 0.00$ [0.03%]
alpha_EG_SCALE_AF2	$\pm 0.00$ [0.02%]
alpha_btag_CT	$\pm 0.00$ [0.01%]
alpha_EG_TrigEff	$\pm 0.00$ [0.01%]
alpha_MUON_TTVA_stat	$\pm 0.00$ [0.01%]
alpha_JET_RelNonClos_AFII	$\pm 0.00$ [0.01%]
mu_ttV	$\pm 0.00$ [0.01%]
alpha_MUON_Eff_Iso_stat	$\pm 0.00$ [0.00%]
alpha_btag_LightT	$\pm 0.00$ [0.00%]
mu_tt_2L	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_sys	$\pm 0.00$ [0.00%]
mu_dib	$\pm 0.00$ [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%]