

Uncertainty of channel	SR2L
Total background expectation	11.52
Total statistical ( $\sqrt{N_{\text{exp}}}$ )	$\pm 3.39$
Total background systematic	$\pm 3.73$ [32.36%]
alpha_singletopSyst	$\pm 4.97$ [43.1%]
alpha_MET_SoftTrk_ResoPerp	$\pm 4.20$ [36.5%]
alpha_EG_RESOLUTION_ALL	$\pm 4.16$ [36.1%]
alpha_MET_SoftTrk_ResoPara	$\pm 4.16$ [36.1%]
alpha_EG_SCALE_ALL	$\pm 4.13$ [35.9%]
alpha_JET_EtaInt_posEta	$\pm 4.13$ [35.9%]
alpha_fJVT	$\pm 4.13$ [35.9%]
alpha_MUON_Eff_BadMuon_sys	$\pm 4.13$ [35.9%]
alpha_MUON_Eff_sys_lowpt	$\pm 4.13$ [35.9%]
alpha_MUON_Eff_stat_lowpt	$\pm 4.13$ [35.9%]
alpha_MUON_Eff_BadMuon_stat	$\pm 4.13$ [35.9%]
alpha_JET_EtaInt_highE	$\pm 4.13$ [35.9%]
alpha_JET_EtaInt_negEta	$\pm 4.12$ [35.8%]
alpha_JER_EffectiveNP_4	$\pm 4.11$ [35.7%]
alpha_JER_DataVsMC	$\pm 4.09$ [35.5%]
alpha_JER_EffectiveNP_7restTerm	$\pm 4.06$ [35.3%]
alpha_JER_EffectiveNP_5	$\pm 4.06$ [35.2%]
alpha_JER_EffectiveNP_6	$\pm 4.05$ [35.2%]
alpha_JER_EffectiveNP_3	$\pm 3.88$ [33.7%]
alpha_JER_EffectiveNP_2	$\pm 3.88$ [33.7%]
alpha_JER_EffectiveNP_1	$\pm 3.87$ [33.6%]
gamma_stat_SR2L.cuts.bin_0	$\pm 0.90$ [7.8%]
mu_ttV	$\pm 0.59$ [5.1%]
alpha_muR_muF_ttV	$\pm 0.43$ [3.7%]
alpha_MatrixElement-Top2L	$\pm 0.22$ [1.9%]
mu_dib	$\pm 0.22$ [1.9%]
alpha_ISR-Top2L	$\pm 0.18$ [1.5%]
alpha_JES_Group1	$\pm 0.16$ [1.4%]
alpha_PartonShower-Top2L	$\pm 0.15$ [1.3%]
alpha_JES_Group2	$\pm 0.12$ [1.1%]
Lumi	$\pm 0.12$ [1.0%]
alpha_muR_muF-Diboson	$\pm 0.12$ [1.0%]
mu_tt_2L	$\pm 0.12$ [1.0%]
alpha_btag_Extra	$\pm 0.09$ [0.82%]
alpha_JET_Flavor_Response	$\pm 0.09$ [0.81%]
alpha_MUON_Trig_sys	$\pm 0.08$ [0.71%]
alpha_pileup	$\pm 0.08$ [0.67%]
alpha_btag_BT	$\pm 0.07$ [0.58%]
alpha_MET_SoftTrk	$\pm 0.03$ [0.30%]
alpha_MUON_ID	$\pm 0.02$ [0.18%]
alpha_FSR-Top2L	$\pm 0.02$ [0.16%]
alpha_btag_LightT	$\pm 0.01$ [0.10%]
alpha_EG_Eff	$\pm 0.01$ [0.10%]
alpha_JES_Group3	$\pm 0.01$ [0.09%]
alpha_MUON_Eff_sys	$\pm 0.01$ [0.09%]
alpha_btag_CT	$\pm 0.01$ [0.08%]
alpha_MUON_Trig_stat	$\pm 0.00$ [0.03%]
alpha_JER_DataVsMC_AFII	$\pm 0.00$ [0.03%]
alpha_EG_Trig	$\pm 0.00$ [0.03%]
alpha_MUON_SCALE	$\pm 0.00$ [0.02%]
alpha_btag_ExtraFromCharm	$\pm 0.00$ [0.01%]
alpha_EG_SCALE_AF2	$\pm 0.00$ [0.01%]
alpha_JVT	$\pm 0.00$ [0.01%]
alpha_EG_TrigEff	$\pm 0.00$ [0.01%]
alpha_MUON_Eff_stat	$\pm 0.00$ [0.00%]
alpha_JET_RelNonClos_AFII	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_sys	$\pm 0.00$ [0.00%]
alpha_MUON_MS	$\pm 0.00$ [0.00%]
alpha_MUON_TTVA_stat	$\pm 0.00$ [0.00%]
alpha_MUON_Eff_Iso_sys	$\pm 0.00$ [0.00%]
alpha_MUON_Eff_Iso_stat	$\pm 0.00$ [0.00%]
alpha_EG_Reco	$\pm 0.00$ [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%]