

Uncertainty of channel	SR1LBin1_Top1L	SR1LBin1_SingleTop
Total background expectation	91.02	17.63
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 9.54	± 4.20
Total background systematic	± 8.31 [9.13%]	± 5.24 [29.74%]
mu_tt_1L	± 16.81 [18.5%]	± 0.00 [0.00%]
alpha_ISR-Top1L	± 15.43 [17.0%]	± 0.00 [0.00%]
alpha_PartonShower-Top1L	± 13.85 [15.2%]	± 0.00 [0.00%]
alpha_MatrixElement-Top1L	± 6.85 [7.5%]	± 0.00 [0.00%]
gamma_stat_SR1LBin1_cuts_bin_0	± 2.14 [2.3%]	± 0.41 [2.3%]
alpha_JER_EffectiveNP_3	± 1.28 [1.4%]	± 0.32 [1.8%]
alpha_JER_EffectiveNP_1	± 1.15 [1.3%]	± 0.15 [0.85%]
alpha_JER_EffectiveNP_6	± 1.08 [1.2%]	± 0.14 [0.81%]
alpha_JER_EffectiveNP_7restTerm	± 1.04 [1.1%]	± 0.08 [0.47%]
alpha_JER_EffectiveNP_4	± 1.02 [1.1%]	± 0.01 [0.07%]
alpha_JER_EffectiveNP_2	± 0.89 [0.97%]	± 0.41 [2.3%]
alpha_btag_BT	± 0.88 [0.97%]	± 0.22 [1.2%]
alpha_JER_EffectiveNP_5	± 0.81 [0.89%]	± 0.05 [0.28%]
alpha_MET_SoftTrk_ResoPara	± 0.66 [0.73%]	± 0.57 [3.2%]
alpha_pileup	± 0.41 [0.45%]	± 0.10 [0.59%]
alpha_JES_Group2	± 0.39 [0.43%]	± 0.96 [5.4%]
alpha_JES_Group3	± 0.38 [0.41%]	± 0.36 [2.0%]
alpha_MET_SoftTrk_ResoPerp	± 0.35 [0.38%]	± 0.67 [3.8%]
alpha_EG_SCALE_ALL	± 0.31 [0.34%]	± 0.04 [0.23%]
alpha_btag_LightT	± 0.20 [0.22%]	± 0.04 [0.23%]
alpha_FSR-Top1L	± 0.20 [0.22%]	± 0.00 [0.00%]
alpha_btag_CT	± 0.19 [0.21%]	± 0.04 [0.20%]
alpha_JER_DataVsMC	± 0.16 [0.18%]	± 0.88 [5.0%]
alpha_btag_ExtraFromCharm	± 0.16 [0.18%]	± 0.00 [0.02%]
alpha_MUON_SCALE	± 0.15 [0.16%]	± 0.08 [0.47%]
alpha_MUON_ID	± 0.11 [0.12%]	± 0.07 [0.39%]
alpha_MET_SoftTrk	± 0.09 [0.10%]	± 0.02 [0.14%]
alpha_MUON_MS	± 0.07 [0.08%]	± 0.03 [0.18%]
alpha_EG_RESOLUTION_ALL	± 0.07 [0.08%]	± 0.12 [0.68%]
alpha_JET_Flavor_Response	± 0.07 [0.07%]	± 0.63 [3.6%]
alpha_JES_Group1	± 0.03 [0.04%]	± 0.81 [4.6%]
alpha_JET_EtaInt_posEta	± 0.03 [0.03%]	± 0.00 [0.00%]
alpha_JVT	± 0.02 [0.03%]	± 0.02 [0.14%]
alpha_EG_Eff	± 0.02 [0.03%]	± 0.15 [0.82%]
alpha_JET_EtaInt_negEta	± 0.02 [0.02%]	± 0.00 [0.00%]
alpha_JET_EtaInt_highE	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.00%]	± 0.01 [0.08%]
alpha_MUON_Eff_sys	± 0.00 [0.00%]	± 0.06 [0.35%]
alpha_btag_Extra	± 0.00 [0.00%]	± 0.07 [0.39%]
alpha_MUON_Eff_stat	± 0.00 [0.00%]	± 0.01 [0.04%]
alpha_EG_Reco	± 0.00 [0.00%]	± 0.01 [0.08%]
alpha_MUON_Eff_Iso_stat	± 0.00 [0.00%]	± 0.00 [0.01%]
alpha_EG_Trig	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_qsf-Wjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_JER_DataVsMC_AFII	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_Trig_sys	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_TTVA_sys	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_ISR-SingleTop	± 0.00 [0.00%]	± 3.23 [18.3%]
alpha_muR_muF-ttV	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_ckkw-Wjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_fJVT	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_TTVA_stat	± 0.00 [0.00%]	± 0.00 [0.01%]
alpha_EG_TrigEff	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MatrixElement-SingleTop	± 0.00 [0.00%]	± 2.50 [14.2%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 2.64 [15.0%]
gamma_stat_tW1L_CRWm_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
Lumi	± 0.00 [0.00%]	± 0.30 [1.7%]
gamma_stat_SR1LBin3_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_Eff_sys_lowpt	± 0.00 [0.00%]	± 0.00 [0.00%]
gamma_stat_SR1LBin0_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_ckkw-Zjets	± 0.00 [0.00%]	± 0.00 [0.00%]
mu_W	± 0.00 [0.00%]	± 0.00 [0.00%]
gamma_stat_SR1LBin4_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_PartonShower-SingleTop	± 0.00 [0.00%]	± 0.41 [2.3%]
alpha_qsf-Zjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_muR_muF-Wjets	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_FSR-SingleTop	± 0.00 [0.00%]	± 0.66 [3.8%]
alpha_EG_SCALE_AF2	± 0.00 [0.00%]	± 0.00 [0.00%]