

Uncertainty of channel	SR1LBin2.Top1L	SR1LBin2.SingleTop
Total background expectation	20.39	6.03
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 4.52	± 2.46
Total background systematic	± 8.90 [43.66%]	± 3.34 [55.43%]
alpha_PartonShower-Top1L	± 6.49 [31.8%]	± 0.00 [0.00%]
alpha_ISR-Top1L	± 5.18 [25.4%]	± 0.00 [0.00%]
alpha_MatrixElement-Top1L	± 2.87 [14.1%]	± 0.00 [0.00%]
gamma_stat_SR1LBin2.cuts_bin_0	± 0.89 [4.3%]	± 0.26 [4.3%]
alpha_FSR-Top1L	± 0.67 [3.3%]	± 0.00 [0.00%]
alpha_JET_Flavor_Response	± 0.44 [2.2%]	± 0.04 [0.62%]
alpha_JES_Group2	± 0.42 [2.0%]	± 0.04 [0.70%]
alpha_JES_Group1	± 0.34 [1.7%]	± 0.13 [2.1%]
alpha_JER_EffectiveNP_7restTerm	± 0.27 [1.3%]	± 0.16 [2.6%]
alpha_JES_Group3	± 0.26 [1.3%]	± 0.14 [2.4%]
alpha_JER_EffectiveNP_1	± 0.25 [1.2%]	± 0.53 [8.8%]
alpha_JER_EffectiveNP_4	± 0.22 [1.1%]	± 0.15 [2.4%]
alpha_btag_BT	± 0.17 [0.84%]	± 0.14 [2.3%]
alpha_JER_EffectiveNP_2	± 0.14 [0.71%]	± 0.59 [9.8%]
alpha_MET_SoftTrk_ResoPara	± 0.13 [0.63%]	± 0.10 [1.7%]
alpha_pileup	± 0.13 [0.63%]	± 0.06 [0.99%]
alpha_JER_EffectiveNP_3	± 0.13 [0.62%]	± 0.34 [5.6%]
alpha_JER_EffectiveNP_5	± 0.11 [0.56%]	± 0.35 [5.7%]
alpha_MUON_ID	± 0.09 [0.43%]	± 0.08 [1.4%]
alpha_btag_LightT	± 0.07 [0.33%]	± 0.00 [0.03%]
alpha_JER_EffectiveNP_6	± 0.06 [0.32%]	± 0.10 [1.6%]
alpha_MET_SoftTrk_ResoPerp	± 0.05 [0.22%]	± 0.02 [0.37%]
alpha_EG_Eff	± 0.04 [0.22%]	± 0.05 [0.77%]
alpha_MUON_MS	± 0.04 [0.18%]	± 0.05 [0.80%]
alpha_MUON_SCALE	± 0.03 [0.17%]	± 0.08 [1.3%]
alpha_EG_SCALE_ALL	± 0.03 [0.16%]	± 0.01 [0.11%]
alpha_EG_RESOLUTION_ALL	± 0.03 [0.15%]	± 0.02 [0.26%]
alpha_btag_CT	± 0.03 [0.13%]	± 0.00 [0.01%]
alpha_btag_ExtraFromCharm	± 0.02 [0.08%]	± 0.01 [0.10%]
alpha_JET_EtaInt_posEta	± 0.02 [0.08%]	± 0.00 [0.00%]
alpha_JER_DataVsMC	± 0.01 [0.05%]	± 0.26 [4.4%]
alpha_JET_EtaInt_negEta	± 0.01 [0.05%]	± 0.00 [0.07%]
alpha_MUON_Eff_sys	± 0.01 [0.03%]	± 0.02 [0.40%]
alpha_btag_Extra	± 0.01 [0.03%]	± 0.02 [0.34%]
alpha_JVT	± 0.01 [0.03%]	± 0.03 [0.46%]
mu_tt_1L	± 0.00 [0.01%]	± 0.00 [0.00%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.01%]	± 0.00 [0.08%]
alpha_EG_Reco	± 0.00 [0.00%]	± 0.00 [0.07%]
alpha_MET_SoftTrk	± 0.00 [0.00%]	± 0.08 [1.4%]
alpha_JET_EtaInt_highE	± 0.00 [0.00%]	± 0.00 [0.00%]
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%]	± 1.13 [18.8%]
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%]	± 0.13 [2.1%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 2.18 [36.1%]
gamma_stat_tW1L_CRWm.cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
Lumi	± 0.00 [0.00%]	± 0.10 [1.7%]
gamma_stat_SR1LBin3.cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_Eff_Iso_stat	± 0.00 [0.00%]	± 0.00 [0.01%]
alpha_MUON_Eff_sys_lowpt	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MUON_Eff_stat	± 0.00 [0.00%]	± 0.00 [0.04%]
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%]	± 1.99 [33.0%]
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%]	± 0.11 [1.8%]
alpha_EG_SCALE_AF2	± 0.00 [0.00%]	± 0.00 [0.00%]