

Uncertainty of channel	SR1LBin2.Top1L	SR1LBin2.SingleTop
Total background expectation	22.40	6.13
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 4.73	± 2.48
Total background systematic	± 3.28 [14.64%]	± 2.97 [48.39%]
alpha_PartonShower-Top1L	± 4.75 [21.2%]	± 0.00 [0.00%]
alpha_ISR-Top1L	± 4.41 [19.7%]	± 0.00 [0.00%]
mu_tt_1L	± 4.14 [18.5%]	± 0.00 [0.00%]
alpha_MatrixElement-Top1L	± 1.78 [7.9%]	± 0.00 [0.00%]
gamma_stat_SR1LBin2.cuts.bin_0	± 0.93 [4.1%]	± 0.25 [4.1%]
alpha_FSR-Top1L	± 0.71 [3.2%]	± 0.00 [0.00%]
alpha_JET_Flavor_Response	± 0.45 [2.0%]	± 0.03 [0.52%]
alpha_JES_Group2	± 0.43 [1.9%]	± 0.06 [0.93%]
alpha_JES_Group1	± 0.33 [1.5%]	± 0.12 [2.0%]
alpha_JER_EffectiveNP_7restTerm	± 0.28 [1.3%]	± 0.15 [2.5%]
alpha_JES_Group3	± 0.27 [1.2%]	± 0.13 [2.1%]
alpha_JER_EffectiveNP_1	± 0.26 [1.1%]	± 0.49 [8.1%]
alpha_JER_EffectiveNP_4	± 0.24 [1.1%]	± 0.14 [2.4%]
alpha_btag_BT	± 0.18 [0.82%]	± 0.14 [2.2%]
alpha_JER_EffectiveNP_2	± 0.15 [0.67%]	± 0.56 [9.2%]
alpha_pileup	± 0.14 [0.65%]	± 0.06 [1.0%]
alpha_MET_SoftTrk_ResoPara	± 0.14 [0.62%]	± 0.10 [1.7%]
alpha_JER_EffectiveNP_3	± 0.13 [0.60%]	± 0.33 [5.5%]
alpha_JER_EffectiveNP_5	± 0.12 [0.54%]	± 0.34 [5.6%]
alpha_MUON_ID	± 0.09 [0.39%]	± 0.07 [1.2%]
alpha_btag_LightT	± 0.07 [0.32%]	± 0.00 [0.03%]
alpha_JER_EffectiveNP_6	± 0.07 [0.31%]	± 0.10 [1.6%]
alpha_MET_SoftTrk_ResoPerp	± 0.05 [0.22%]	± 0.02 [0.36%]
alpha_EG_Eff	± 0.05 [0.22%]	± 0.05 [0.76%]
alpha_MUON_MS	± 0.04 [0.16%]	± 0.04 [0.72%]
alpha_MUON_SCALE	± 0.03 [0.16%]	± 0.08 [1.3%]
alpha_EG_SCALE_ALL	± 0.03 [0.14%]	± 0.01 [0.09%]
alpha_EG_RESOLUTION_ALL	± 0.03 [0.14%]	± 0.01 [0.24%]
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%]	± 0.25 [4.1%]
alpha_JET_EtaInt_negEta	± 0.01 [0.05%]	± 0.00 [0.07%]
alpha_MUON_Eff_sys	± 0.01 [0.03%]	± 0.02 [0.39%]
alpha_btag_Extra	± 0.01 [0.03%]	± 0.02 [0.34%]
alpha_JVT	± 0.01 [0.03%]	± 0.03 [0.46%]
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_JET_EtaInt_highE	± 0.00 [0.00%]	± 0.00 [0.00%]
alpha_MET_SoftTrk	± 0.00 [0.00%]	± 0.08 [1.3%]
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%]	± 1.14 [18.6%]
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%]	± 0.12 [2.0%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 2.01 [32.7%]
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%]	± 1.89 [30.8%]
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%]	± 0.10 [1.6%]
alpha_EG_SCALE_AF2	± 0.00 [0.00%]	± 0.00 [0.00%]