

Uncertainty of channel	SR1LBin1_Top1L	SR1LBin1_SingleTop
Total background expectation	85.61	18.62
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 9.25	± 4.32
Total background systematic	± 28.25 [33.00%]	± 9.76 [52.42%]
alpha_PartonShower-Top1L	± 18.62 [21.7%]	± 0.00 [0.00%]
alpha_ISR-Top1L	± 17.86 [20.9%]	± 0.00 [0.00%]
alpha_MatrixElement-Top1L	± 10.90 [12.7%]	± 0.00 [0.00%]
gamma_stat_SR1LBin1_cuts_bin_0	± 2.10 [2.5%]	± 0.46 [2.5%]
alpha_JER_EffectiveNP_3	± 1.25 [1.5%]	± 0.35 [1.9%]
alpha_JER_EffectiveNP_1	± 1.17 [1.4%]	± 0.17 [0.93%]
alpha_JER_EffectiveNP_6	± 1.04 [1.2%]	± 0.15 [0.83%]
alpha_JER_EffectiveNP_7restTerm	± 1.01 [1.2%]	± 0.09 [0.48%]
alpha_JER_EffectiveNP_4	± 0.99 [1.2%]	± 0.01 [0.07%]
alpha_JER_EffectiveNP_2	± 0.89 [1.0%]	± 0.46 [2.5%]
alpha_btag_BT	± 0.85 [0.99%]	± 0.24 [1.3%]
alpha_JER_EffectiveNP_5	± 0.78 [0.91%]	± 0.05 [0.29%]
alpha_MET_SoftTrk_ResoPara	± 0.63 [0.74%]	± 0.61 [3.3%]
alpha_JES_Group2	± 0.53 [0.62%]	± 1.08 [5.8%]
alpha_JES_Group3	± 0.39 [0.45%]	± 0.38 [2.0%]
alpha_pileup	± 0.38 [0.45%]	± 0.11 [0.58%]
alpha_MET_SoftTrk_ResoPerp	± 0.33 [0.39%]	± 0.72 [3.9%]
alpha_EG_SCALE_ALL	± 0.32 [0.37%]	± 0.03 [0.14%]
alpha_btag_LightT	± 0.20 [0.23%]	± 0.04 [0.23%]
alpha_btag_CT	± 0.18 [0.21%]	± 0.04 [0.21%]
alpha_JER_DataVsMC	± 0.16 [0.19%]	± 0.99 [5.3%]
alpha_MUON_SCALE	± 0.15 [0.18%]	± 0.08 [0.45%]
alpha_btag_ExtraFromCharm	± 0.15 [0.18%]	± 0.00 [0.02%]
alpha_JES_Group1	± 0.13 [0.16%]	± 0.94 [5.0%]
alpha_MUON_ID	± 0.12 [0.14%]	± 0.08 [0.41%]
alpha_MUON_MS	± 0.07 [0.08%]	± 0.03 [0.17%]
alpha_MET_SoftTrk	± 0.07 [0.08%]	± 0.05 [0.25%]
alpha_EG_RESOLUTION_ALL	± 0.07 [0.08%]	± 0.13 [0.72%]
alpha_JET_EtaInt_posEta	± 0.03 [0.03%]	± 0.00 [0.00%]
alpha_JVT	± 0.02 [0.03%]	± 0.03 [0.14%]
alpha_EG_Eff	± 0.02 [0.03%]	± 0.15 [0.83%]
alpha_JET_EtaInt_negEta	± 0.02 [0.02%]	± 0.00 [0.00%]
mu_tt_1L	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_JET_EtaInt_highE	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_FSR-Top1L	± 0.01 [0.01%]	± 0.00 [0.00%]
alpha_JET_Flavor_Response	± 0.00 [0.01%]	± 0.72 [3.9%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.00%]	± 0.01 [0.08%]
alpha_MUON_Eff_sys	± 0.00 [0.00%]	± 0.07 [0.36%]
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%]	± 0.02 [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%]	± 2.99 [16.1%]
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%]	± 2.48 [13.3%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 8.61 [46.2%]
gamma_stat_tW1L_CRWm_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
Lumi	± 0.00 [0.00%]	± 0.32 [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%]	± 0.42 [2.2%]
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%]	± 0.68 [3.6%]
alpha_EG_SCALE_AF2	± 0.00 [0.00%]	± 0.00 [0.00%]