

Uncertainty of channel	SR1LBin3_Top1L	SR1LBin3_SingleTop
Total background expectation	5.83	1.77
Total statistical ($\sqrt{N_{\text{exp}}}$)	± 2.41	± 1.33
Total background systematic	± 1.21 [20.81%]	± 1.20 [67.96%]
alpha_PartonShower-Top1L	± 1.44 [24.7%]	± 0.00 [0.00%]
alpha_ISR-Top1L	± 1.33 [22.9%]	± 0.00 [0.00%]
mu_tt_1L	± 1.08 [18.5%]	± 0.00 [0.00%]
alpha_FSR-Top1L	± 0.68 [11.7%]	± 0.00 [0.00%]
alpha_MatrixElement-Top1L	± 0.56 [9.6%]	± 0.00 [0.00%]
gamma_stat_SR1LBin3_cuts_bin_0	± 0.31 [5.3%]	± 0.09 [5.3%]
alpha_JER_EffectiveNP_3	± 0.30 [5.1%]	± 0.11 [6.3%]
alpha_JER_EffectiveNP_2	± 0.17 [2.9%]	± 0.09 [5.1%]
alpha_JER_EffectiveNP_5	± 0.15 [2.6%]	± 0.06 [3.6%]
alpha_JER_EffectiveNP_7restTerm	± 0.15 [2.5%]	± 0.09 [4.9%]
alpha_JES_Group3	± 0.13 [2.2%]	± 0.02 [0.93%]
alpha_pileup	± 0.10 [1.7%]	± 0.01 [0.30%]
alpha_JES_Group2	± 0.09 [1.6%]	± 0.05 [3.0%]
alpha_JER_DataVsMC	± 0.09 [1.6%]	± 0.04 [2.2%]
alpha_JER_EffectiveNP_6	± 0.09 [1.5%]	± 0.11 [6.3%]
alpha_JET_Flavor_Response	± 0.07 [1.2%]	± 0.04 [2.3%]
alpha_btag_BT	± 0.05 [0.87%]	± 0.03 [1.5%]
alpha_MET_SoftTrk_ResoPara	± 0.04 [0.63%]	± 0.00 [0.28%]
alpha_JER_EffectiveNP_4	± 0.04 [0.62%]	± 0.08 [4.8%]
alpha_JES_Group1	± 0.03 [0.46%]	± 0.08 [4.7%]
alpha_EG_SCALE_ALL	± 0.02 [0.40%]	± 0.00 [0.05%]
alpha_MET_SoftTrk	± 0.02 [0.32%]	± 0.02 [0.88%]
alpha_btag_ExtraFromCharm	± 0.01 [0.24%]	± 0.00 [0.13%]
alpha_btag_CT	± 0.01 [0.22%]	± 0.00 [0.20%]
alpha_EG_Eff	± 0.01 [0.22%]	± 0.01 [0.76%]
alpha_MUON_MS	± 0.01 [0.16%]	± 0.00 [0.06%]
alpha_MET_SoftTrk_ResoPerp	± 0.01 [0.15%]	± 0.01 [0.82%]
alpha_JER_EffectiveNP_1	± 0.01 [0.10%]	± 0.10 [5.5%]
alpha_JET_EtaInt_posEta	± 0.01 [0.10%]	± 0.00 [0.01%]
alpha_btag_Extra	± 0.01 [0.09%]	± 0.01 [0.68%]
alpha_EG_RESOLUTION_ALL	± 0.00 [0.07%]	± 0.00 [0.05%]
alpha_JVT	± 0.00 [0.06%]	± 0.00 [0.28%]
alpha_JET_EtaInt_negEta	± 0.00 [0.05%]	± 0.00 [0.00%]
alpha_MUON_Eff_sys	± 0.00 [0.05%]	± 0.01 [0.35%]
alpha_btag_LightT	± 0.00 [0.04%]	± 0.01 [0.33%]
alpha_MUON_SCALE	± 0.00 [0.04%]	± 0.01 [0.29%]
alpha_MUON_ID	± 0.00 [0.03%]	± 0.01 [0.62%]
alpha_MUON_Eff_Iso_sys	± 0.00 [0.01%]	± 0.00 [0.07%]
alpha_EG_Reco	± 0.00 [0.01%]	± 0.00 [0.07%]
alpha_MUON_Eff_Iso_stat	± 0.00 [0.00%]	± 0.00 [0.01%]
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%]	± 0.63 [35.5%]
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%]	± 0.21 [12.1%]
alpha_Interference-SingleTop	± 0.00 [0.00%]	± 0.96 [54.1%]
gamma_stat_tW1L_CRWm_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]
Lumi	± 0.00 [0.00%]	± 0.03 [1.7%]
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%]	± 0.76 [43.0%]
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%]	± 0.05 [2.9%]
alpha_EG_SCALE_AF2	± 0.00 [0.00%]	± 0.00 [0.00%]
gamma_stat_SR1LBin1_cuts_bin_0	± 0.00 [0.00%]	± 0.00 [0.00%]