Uncertainty of channel	SR
Total background expectation	5952.10
Total statistical ($\sqrt{N_{\text{exp}}}$)	±77.15
Total background systematic	±491.58 [8.26%]
alpha_JET_Flavor_Composition	±247.95 [4.2%]
alpha_MET_SoftTrk_ResoPara	±137.57 [2.3%]
alpha_JET_Pileup_RhoTopology	±132.94 [2.2%]
alpha_ZjetsQCDscale	±128.42 [2.2%]
alpha_JET_EtaIntercalibration_Modelling	±116.01 [1.9%]
alpha_MET_SoftTrk_ResoPerp	±115.84 [1.9%]
alpha_WZQCDscale	±114.83 [1.9%]
alpha_qqZZQCDscale	±106.77 [1.8%]
alpha_JET_Flavor_Response	±95.70 [1.6%]
alpha_MET_SoftTrk_Scale	±83.35 [1.4%]
alpha_JET_Pileup_OffsetMu	±79.49 [1.3%]
alpha_JET_Pileup_OffsetNPV	±66.99 [1.1%]
alpha_WZPDF	±64.98 [1.1%]
alpha_JET_JER_EffectiveNP_2	±64.77 [1.1%]
alpha_JET_JER_DataVsMC_MC16	±63.25 [1.1%]
alpha_qqZZEWcorr	±62.92 [1.1%]
alpha_ttbarQCDscale	±62.54 [1.1%]
alpha_lumi	±60.31 [1.0%]
alpha_JET_JER_EffectiveNP_1	±57.16 [0.96%]
alpha_JET_EffectiveNP_Modelling1	±51.36 [0.86%]
alpha_JET_JER_EffectiveNP_5	±44.06 [0.74%]
alpha_qqZZPDF	±41.02 [0.69%]
alpha_JET_JER_EffectiveNP_4	±40.93 [0.69%]
gamma_stat_SR_mTr_bin_1	±39.63 [0.67%]
alpha_ttbarPS	±35.38 [0.59%]
alpha_MUON_SAGITTA_RESBIAS	±34.84 [0.59%]
alpha_ggZZQCDscaleNorm	±34.63 [0.58%]
alpha_WWQCDscale	±33.16 [0.56%]
alpha_ZjetsPDF	±30.64 [0.51%]
alpha_FT_EFF_Light_systematics	±28.04 [0.47%]
alpha_topME	±24.49 [0.41%]
alpha_EG_SCALE_ALL	±22.31 [0.37%]
alpha_FT_EFF_B_systematics	±21.77 [0.37%]
alpha_JET_JER_EffectiveNP_3	±19.75 [0.33%]
alpha_JET_JER_EffectiveNP_7restTerm	±18.45 [0.31%]
alpha_topInterference	±18.34 [0.31%]
alpha_FT_EFF_C_systematics	±17.84 [0.30%]
alpha_ttbarME	±17.82 [0.30%]
gamma_stat_SR_mTr_bin_2	±16.29 [0.27%]
alpha_JET_EtaIntercalibration_TotalStat	±14.60 [0.25%]
alpha_MUON_EFF_RECO_SYS	±14.43 [0.24%]
alpha_PRW_DATASF	±13.18 [0.22%]
alpha_MUON_SCALE	±10.52 [0.18%]
alpha_FT_EFF_extrapolation_from_charm	±9.90 [0.17%]
alpha_EL_EFF_ID_SIMPLIFIED_UncorrUncertaintyNP8	±9.49 [0.16%]
alpha_MUON_EFF_ISO_SYS	±9.38 [0.16%]
alpha_MUON_EFF_ISO_STAT	±9.21 [0.15%]
alpha_JET_Pileup_PtTerm	±9.16 [0.15%]
alpha_JET_JER_EffectiveNP_6	±8.85 [0.15%]
gamma_stat_SR_mTr_bin_3	±8.62 [0.14%]
gamma_stat_SR_mTr_bin_0	±8.30 [0.14%]
alpha_ttbarPDF	±7.92 [0.13%]
alpha_qqZZPSCKIN	±7.37 [0.12%]
alpha_qqZZPSCKKW	±6.87 [0.12%]
alpha_PSSignal	±6.81 [0.11%]
gamma_stat_SR_mTr_bin_4	±6.80 [0.11%]
alpha_EL_EFF_ID_CorrUncertaintyNP11	±6.44 [0.11%]
alpha_topQCDscale	±5.52 [0.09%]
alpha_JET_EffectiveNP_Statistical2	±5.20 [0.09%]
alpha_EL_EFF_ID_CorrUncertaintyNP14	±5.15 [0.09%]
alpha_EL_EFF_ID_CorrUncertaintyNP12	±4.86 [0.08%]
gamma_stat_SR_mTr_bin_5	±4.85 [0.08%]
alpha_WWPDF	±4.69 [0.08%]
alpha_ggZZPDF	±4.06 [0.07%]
gamma_stat_SR_mTr_bin_6	±3.69 [0.06%]
alpha_EL_EFF_ID_CorrUncertaintyNP13	±3.57 [0.06%]
alpha_topPS	±3.34 [0.06%]
gamma_stat_SR_mTr_bin_7	±3.01 [0.05%]
alpha_JET_EffectiveNP_Mixed2	±2.98 [0.05%]
alpha_MUON_MS	±2.76 [0.05%]
alpha_EL_EFF_Reco_TOTAL_1NPCOR_PLUS_UNCOR	±2.71 [0.05%]
alpha_EL_EFF_ID_CorrUncertaintyNP10	±2.51 [0.04%]
gamma_stat_SR_mTr_bin_9	±2.44 [0.04%]
gamma_stat_SR_mTr_bin_8	±2.43 [0.04%]
alpha_EG_RESOLUTION_ALL	±2.28 [0.04%]
alpha_ZZ4lPDF	±2.06 [0.03%]
alpha_JET_EffectiveNP_Mixed3	±1.89 [0.03%]
alpha_JET_EtaIntercalibration_NonClosure_negEta	±1.81 [0.03%]
alpha_EL_EFF_ID_CorrUncertaintyNP15	±1.73 [0.03%]
alpha_EWKZZQCDscale	±1.67 [0.03%]
alpha_ZZ4lQCDscale	±1.64 [0.03%]
alpha_JET_EffectiveNP_Detector1	±1.59 [0.03%]
gamma_stat_SR_mTr_bin_10	±1.52 [0.03%]
alpha_JET_JvtEfficiency	±1.38 [0.02%]
alpha_ggZZPSQSF	±1.31 [0.02%]
alpha_VVVQCDscale	±1.31 [0.02%]
gamma_stat_SR_mTr_bin_11	±1.28 [0.02%]
gamma_stat_SR_mTr_bin_12	±1.07 [0.02%]
gamma_stat_SR_mTr_bin_13	±1.06 [0.02%]
alpha_MUON_ID	±1.06 [0.02%]
gamma_stat_SR_mTr_bin_16	±1.04 [0.02%]
alpha_MUON_SAGITTA_RHO	±1.02 [0.02%]
alpha_MUON_EFF_TrigSystUncertainty	±0.97 [0.02%]
gamma_stat_SR_mTr_bin_14	±0.92 [0.02%]
alpha_qqZZPSQSF	±0.84 [0.01%]
alpha_JET_EffectiveNP_Mixed1	±0.78 [0.01%]
alpha_EWKZZPDF	±0.75 [0.01%]
alpha_JET_EffectiveNP_Statistical6	±0.72 [0.01%]
alpha_JET_EffectiveNP_Statistical4	±0.65 [0.01%]
alpha_ggZZPSCKKW	±0.62 [0.01%]
alpha_QCDscaleScaleSignal	±0.62 [0.01%]
gamma_stat_SR_mTr_bin_15	±0.60 [0.01%]
alpha_JET_EffectiveNP_Modelling2	±0.58 [0.01%]
gamma_stat_SR_mTr_bin_17	±0.58 [0.01%]
alpha_intraPDFSignal	±0.56 [0.01%]
alpha_EL_EFF_ID_SIMPLIFIED_UncorrUncertaintyNP15	±0.56 [0.01%]
alpha_EL_EFF_ID_SIMPLIFIED_UncorrUncertaintyNP17	±0.55 [0.01%]
gamma_stat_SR_mTr_bin_18	±0.48 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP6	±0.47 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP9	±0.46 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP3	±0.46 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP4	±0.45 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP5	±0.45 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP8	±0.45 [0.01%]
alpha_EL_EFF_ID_CorrUncertaintyNP7	±0.44 [0.01%]