



ft hdamp
ft PS
tauRecon_TOTAL
tauEveto_TOTAL
signal PS
scale
muTrigger_Syst
jvt
fakeSF_3p_pt2_w_jet_fake_ss
fakeSF_3p_pt2_w_jet_fake_os
fakeSF_3p_pt2_other_fake
fakeSF_3p_pt2_b_fake
fakeSF_3p_pt1_w_jet_fake_ss
fakeSF_3p_pt1_b_fake
fakeSF_3p_pt0_w_jet_fake_ss
fakeSF_3p_pt0_b_fake
fakeSF_1p_pt2_w_jet_fake_ss
fakeSF_1p_pt2_w_jet_fake_os
fakeSF_1p_pt2_other_fake
fakeSF_1p_pt2_b_fake
fakeSF_1p_pt1_w_jet_fake_ss
fakeSF_1p_pt1_b_fake
fakeSF_1p_pt0_w_jet_fake_ss
fakeSF_1p_pt0_b_fake
eTrigger
btag_Light_8
btag_Light_5
btag_Light_4
btag_Light_3
btag_Light_16
btag_Light_14
btag_Light_11
btag_Light_1
btag_Light_0
btag_C_9
btag_C_8
btag_C_7
btag_C_6
btag_C_5
btag_C_4
btag_C_3
btag_C_2
btag_C_19
btag_C_18
btag_C_17
btag_C_16
btag_C_15
btag_C_14
btag_C_1
btag_C_0
btag_B_8
btag_B_7
btag_B_6
btag_B_5
btag_B_40
btag_B_4
btag_B_39
btag_B_38
btag_B_37
btag_B_36
btag_B_35
btag_B_34
btag_B_33
btag_B_31
btag_B_30
btag_B_3
btag_B_29
btag_B_28
btag_B_27
btag_B_25
btag_B_24
btag_B_20
btag_B_2
btag_B_19
btag_B_16
btag_B_14
btag_B_13
btag_B_11
btag_B_10
btag_B_1
btag_B_0
TES_PHYSICSLIST
TES_MODEL_CLOSURE
TES_INSITUFIT
TES_INSITUEXP
TES_DETECTOR
PRW
PDF
Mu_Iso_SYST
Mu_Iso_STAT
Mu_ID_SYST
MUON_SCALE
MUON_SAGITTA_RESBIAS
MET_SoftTrk_Scale
MET_SoftTrk_ResoPerp
MET_SoftTrk_ResoPara
MEDIUM_tauID_SYST
MEDIUM_tauID_3PGE40
MEDIUM_tauID_3P3040
MEDIUM_tauID_3P2530
MEDIUM_tauID_1PGE40
MEDIUM_tauID_1P3040
MEDIUM_tauID_1P2530
LumiUncertainty
JET_SingleParticle_HighPt
JET_PunchThrough_MC16
JET_Pileup_RhoTopology
JET_Pileup_PtTerm
JET_Pileup_OffsetNPV
JET_Pileup_OffsetMu
JET_JER_DataVsMC_MC16
JET_Flavor_Response
JET_Flavor_Composition
JET_EtaInt_TotalStat
JET_EtaInt_NonClosure_posEta
JET_EtaInt_NonClosure_negEta
JET_EtaInt_NonClosure_2018data
JET_EtaInt_Modelling
JET_BJES_Response
JES_Statistical6
JES_Statistical5
JES_Statistical4
JES_Statistical2
JES_Modelling4
JES_Modelling3
JES_Modelling1
JES_Mixed3
JES_Mixed2
JES_Detector2
JES_Detector1
JER_6
JER_5
JER_4
JER_3
JER_2
JER_1
ISR
HttBR
FSR
EI_Reco
EI_ID_TightLH
EI_ChargeMisID_SYST
EG_SCALE_ALL
EG_RESOLUTION_ALL
 α_s
ABCD muon
ABCD electron