



Z γ Norm
W γ Norm
uncalib_ljet
uncalib_cjet
uncalib_bjet
tty_prod_var3c
tty_prod_muR
tty_prod_muF
tty_prod_Herwig7
tty_dec_var3c
tty(dec) Norm
tty_dec_muF
tty_dec_Herwig7
ttbar_pt_hard
ttbar Norm
ttbar_Herwig7
hfakeSF_
efakeSF_
Wty_muF
Wty_Herwig7
Photon_effIso
Photon_ID
PileupRW
MUON_SCALE
MUON_ID
MET_SoftTrk_Scale
MET_SoftTrk_ResoPerp
MET_SoftTrk_ResoPara
Luminosity
JET_Pileup_RhoTopology
JET_Pileup_OffsetNPV
JET_Pileup_OffsetMu
JET_JER_EffectiveNP_9
JET_JER_EffectiveNP_8
JET_JER_EffectiveNP_7
JET_JER_EffectiveNP_6
JET_JER_EffectiveNP_5
JET_JER_EffectiveNP_4
JET_JER_EffectiveNP_2
JET_JER_EffectiveNP_11
JET_JER_EffectiveNP_10
JET_JER_EffectiveNP_1
JET_Flavor_Response
JET_Flavor_Composition
JET_EtaIntercalibration_Modelling
JET_EffectiveNP_Modelling1
JET_BJES_Response
Electron_Iso_SF_0
EG_SCALE_ALL
EG_RESOLUTION_ALL
BTag_Light_9
BTag_Light_8
BTag_Light_7
BTag_Light_6
BTag_Light_5
BTag_Light_4
BTag_Light_3
BTag_Light_2
BTag_Light_19
BTag_Light_18
BTag_Light_17
BTag_Light_16
BTag_Light_15
BTag_Light_14
BTag_Light_13
BTag_Light_12
BTag_Light_11
BTag_Light_10
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_13
BTag_C_12
BTag_C_11
BTag_C_10
BTag_C_1
BTag_C_0
BTag_B_9
BTag_B_8
BTag_B_7
BTag_B_6
BTag_B_5
BTag_B_44
BTag_B_43
BTag_B_42
BTag_B_41
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_32
BTag_B_31
BTag_B_30
BTag_B_3
BTag_B_29
BTag_B_28
BTag_B_27
BTag_B_26
BTag_B_25
BTag_B_24
BTag_B_23
BTag_B_22
BTag_B_21
BTag_B_20
BTag_B_2
BTag_B_19
BTag_B_18
BTag_B_17
BTag_B_16
BTag_B_15
BTag_B_14
BTag_B_13
BTag_B_12
BTag_B_11
BTag_B_10
BTag_B_1
BTag_B_0