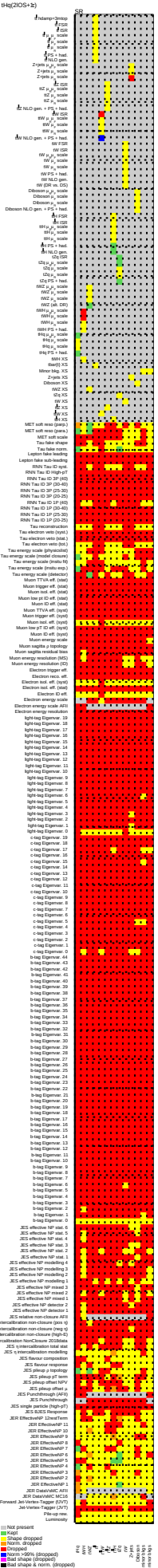
tHq(2lOS+3z)
SR
t^{channel}-3mlsp
$\Delta\phi^{\mathrm{FSR}}$
$\Delta\phi$
$\Delta\phi_{\mathrm{jj}}$ scale
$\Delta\phi_{\mathrm{ll}}$ scale
PS + had
NLO gen.
Z-jets p_{T} scale
Z-jets η scale
$\Delta\phi^{\mathrm{FSR}}$
SZ p_{T} scale
SZ η scale
SZ ϕ scale
$t\bar{t}$ NLO gen. + PS + had.
$\Delta\phi^{\mathrm{FSR}}$
tW p_{T} scale
tW η scale
tW ϕ scale
$t\bar{t}$ NLO gen. + PS + had.
tW FSR
tW ISR
tW p_{T} scale
tW η scale
tW ϕ scale
tW PS + had.
tW NLO gen.
tW (DR vs. DS)
Diboson p_{T} scale
Diboson η scale
Diboson ϕ scale
Diboson NLO gen. + PS + had.
$\Delta\phi^{\mathrm{FSR}}$
$\Delta\phi$
tHq p_{T} scale
tHq η scale
tHq ϕ scale
tHq PS + had.
tHq NLO gen.
tZq ISR
tZq p_{T} scale
tZq η scale
tZq ϕ scale
tZq PS + had.
tWZ p_{T} scale
tWZ η scale
tWZ ϕ scale
tWZ (dR, DR)
tWH p_{T} scale
tWH η scale
tWH ϕ scale
tWH PS + had.
tHq p_{T} scale
tHq η scale
tHq ϕ scale
tHq PS + had.
tWH XS
tHqB XS
Minor bkg. XS
Z+jets XS
Diboson XS
tWZ XS
tZq XS
tW XS
tHq XS
tWH XS
MET soft resp (para.)
MET soft resp (perp.)
MET soft scale
Tau fake shape
Tau fake norm.
Lepton fake leading
Lepton fake sub-leading
RNN Tau ID syst
RNN Tau ID High-p^{T}
RNN Tau ID 3P (40)
RNN Tau ID 3P (30-40)
RNN Tau ID 3P (25-30)
RNN Tau ID 3P (20-25)
RNN Tau ID 1P (40)
RNN Tau ID 1P (30-40)
RNN Tau ID 1P (25-30)
RNN Tau ID 1P (20-25)
Tau reconstruction
Tau electron veto (syst.)
Tau electron veto (stat.)
Tau electron veto (tot.)
Tau energy scale (physics)
Tau energy scale (model closure)
Tau energy scale (mass fit)
Tau energy scale (mass syst.)
Tau energy scale (detector)
Muon TTVA eff. (stat)
Muon trigger eff. (stat)
Muon isol. eff. (stat)
Muon low pt IP eff. (stat)
Muon ID eff. (stat)
Muon TTVA eff. (syst)
Muon trigger eff. (syst)
Muon isol. eff. (syst)
Muon low pT ID eff. (syst)
Muon ID eff. (syst)
Muon energy scale
Muon sagitta y-resolution
Muon sagitta residual bias
Muon energy resolution (MS)
Muon energy resolution (ID)
Electron trigger eff.
Electron reco. eff.
Electron isol. eff. (syst)
Electron isol. eff. (stat)
Electron ID eff.
Electron energy scale
Electron energy scale AFII
Electron energy resolution
light-tag Eigenvar. 19
light-tag Eigenvar. 18
light-tag Eigenvar. 17
light-tag Eigenvar. 16
light-tag Eigenvar. 15
light-tag Eigenvar. 14
light-tag Eigenvar. 13
light-tag Eigenvar. 12
light-tag Eigenvar. 11
light-tag Eigenvar. 10
light-tag Eigenvar. 9
light-tag Eigenvar. 8
light-tag Eigenvar. 7
light-tag Eigenvar. 6
light-tag Eigenvar. 5
light-tag Eigenvar. 4
light-tag Eigenvar. 3
light-tag Eigenvar. 2
light-tag Eigenvar. 1
c-tag Eigenvar. 19
c-tag Eigenvar. 18
c-tag Eigenvar. 17
c-tag Eigenvar. 16
c-tag Eigenvar. 15
c-tag Eigenvar. 14
c-tag Eigenvar. 13
c-tag Eigenvar. 12
c-tag Eigenvar. 11
c-tag Eigenvar. 10
c-tag Eigenvar. 9
c-tag Eigenvar. 8
c-tag Eigenvar. 7
c-tag Eigenvar. 6
c-tag Eigenvar. 5
c-tag Eigenvar. 4
c-tag Eigenvar. 3
c-tag Eigenvar. 2
c-tag Eigenvar. 1
b-tag Eigenvar. 44
b-tag Eigenvar. 43
b-tag Eigenvar. 42
b-tag Eigenvar. 41
b-tag Eigenvar. 40
b-tag Eigenvar. 39
b-tag Eigenvar. 38
b-tag Eigenvar. 37
b-tag Eigenvar. 36
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b-tag Eigenvar. 34
b-tag Eigenvar. 33
b-tag Eigenvar. 32
b-tag Eigenvar. 31
b-tag Eigenvar. 30
b-tag Eigenvar. 29
b-tag Eigenvar. 28
b-tag Eigenvar. 27
b-tag Eigenvar. 26
b-tag Eigenvar. 25
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b-tag Eigenvar. 14
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b-tag Eigenvar. 12
b-tag Eigenvar. 11
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b-tag Eigenvar. 9
b-tag Eigenvar. 8
b-tag Eigenvar. 7
b-tag Eigenvar. 6
b-tag Eigenvar. 5
b-tag Eigenvar. 4
b-tag Eigenvar. 3
b-tag Eigenvar. 2
b-tag Eigenvar. 1
b-tag Eigenvar. 0
JES effective NP stat. 6
JES effective NP stat. 5
JES effective NP stat. 4
JES effective NP stat. 3
JES effective NP stat. 2
JES effective NP stat. 1
JES effective NP stat. 1
JES effective NP modelling 4
JES effective NP modelling 3
JES effective NP modelling 2
JES effective NP modelling 1
JES effective NP mixed 4
JES effective NP mixed 3
JES effective NP mixed 2
JES effective NP mixed 1
JES effective NP detector 2
JES effective NP detector 1
JES relative non-closure AFII
intercalibration non-closure (pos.)
intercalibration non-closure (neg.)
intercalibration non-closure (high-p^{T})
intercalibration NonClosure 2018data
JES uncertainties total stat
JES η intercalibration modelling
JES flavour composition
JES flavour response
JES pileup μ topology
JES pileup pT term
JES pileup offset NPV
JES pileup offset μ
JER Crosscalibrations (AFII)
JER Punchthrough
JES single particle (high-p^{T})
JES EJES Response
JER EffectiveNP 12inclTerm
JER EffectiveNP 11
JER EffectiveNP 10
JER EffectiveNP 9
JER EffectiveNP 8
JER EffectiveNP 7
JER EffectiveNP 6
JER EffectiveNP 5
JER EffectiveNP 4
JER EffectiveNP 3
JER EffectiveNP 2
JER EffectiveNP 1
JER DataVsMC AFII
JER DataVsMC Core
Forward Jet-Vertex-Tagger (EVT)
Jet-Vertex-Tagger (LVT)
File-up new
Luminosity
Not present
Kept
Shape dropped
Norm. dropped
Dropped
Norm >99% (dropped)
Bad shape (dropped)
Bad shape & norm. (dropped)