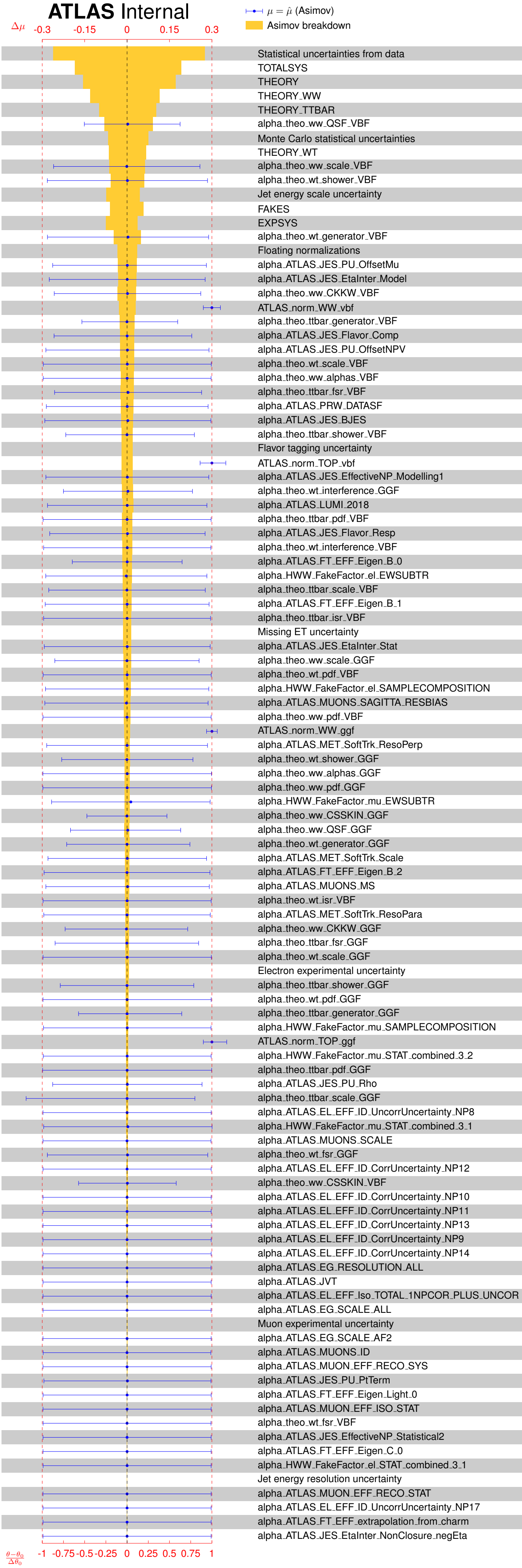
ATLAS Internal
$\mu = \hat{\mu}$ (Asimov)
Asimov breakdown
$\Delta\mu$
-0.3
-0.15
0
0.15
0.3
Statistical uncertainties from data
TOTALSYS
THEORY
THEORY_WW
THEORY_TTBAR
alpha_theo_ww_QSF_VBF
Monte Carlo statistical uncertainties
THEORY_WT
alpha_theo_ww_scale_VBF
alpha_theo_wt_shower_VBF
Jet energy scale uncertainty
FAKES
EXPSYS
alpha_theo_wt_generator_VBF
Floating normalizations
alpha_ATLAS_JES_PU_OffsetMu
alpha_ATLAS_JES_EtaInter_Model
alpha_theo_ww_CKKW_VBF
ATLAS_norm_WW_vbf
alpha_theo_ttbar_generator_VBF
alpha_ATLAS_JES_Flavor_Comp
alpha_ATLAS_JES_PU_OffsetNPV
alpha_theo_wt_scale_VBF
alpha_theo_ww_alphas_VBF
alpha_theo_ttbar_fsr_VBF
alpha_ATLAS_PRW_DATASF
alpha_ATLAS_JES_BJES
alpha_theo_ttbar_shower_VBF
Flavor tagging uncertainty
ATLAS_norm_TOP_vbf
alpha_ATLAS_JES_EffectiveNP_Modelling1
alpha_theo_wt_interference_GGF
alpha_ATLAS_LUMI_2018
alpha_theo_ttbar_pdf_VBF
alpha_ATLAS_JES_Flavor_Resp
alpha_theo_wt_interference_VBF
alpha_ATLAS_FT_EFF_Eigen_B_0
alpha_HWW_FakeFactor_el_EWSUBTR
alpha_theo_ttbar_scale_VBF
alpha_ATLAS_FT_EFF_Eigen_B_1
alpha_theo_ttbar_isr_VBF
Missing ET uncertainty
alpha_ATLAS_JES_EtaInter_Stat
alpha_theo_ww_scale_GGF
alpha_theo_wt_pdf_VBF
alpha_HWW_FakeFactor_el_SAMPLECOMPOSITION
alpha_ATLAS_MUONS_SAGITTA_RESBIAS
alpha_theo_ww_pdf_VBF
ATLAS_norm_WW_ggf
alpha_ATLAS_MET_SoftTrk_ResoPerp
alpha_theo_wt_shower_GGF
alpha_theo_ww_alphas_GGF
alpha_theo_ww_pdf_GGF
alpha_HWW_FakeFactor_mu_EWSUBTR
alpha_theo_ww_CSSKIN_GGF
alpha_theo_ww_QSF_GGF
alpha_theo_wt_generator_GGF
alpha_ATLAS_MET_SoftTrk_Scale
alpha_ATLAS_FT_EFF_Eigen_B_2
alpha_ATLAS_MUONS_MS
alpha_theo_wt_isr_VBF
alpha_ATLAS_MET_SoftTrk_ResoPara
alpha_theo_ww_CKKW_GGF
alpha_theo_ttbar_fsr_GGF
alpha_theo_wt_scale_GGF
Electron experimental uncertainty
alpha_theo_ttbar_shower_GGF
alpha_theo_wt_pdf_GGF
alpha_theo_ttbar_generator_GGF
alpha_HWW_FakeFactor_mu_SAMPLECOMPOSITION
ATLAS_norm_TOP_ggf
alpha_HWW_FakeFactor_mu_STAT_combined_3_2
alpha_theo_ttbar_pdf_GGF
alpha_ATLAS_JES_PU_Rho
alpha_theo_ttbar_scale_GGF
alpha_ATLAS_EL_EFF_ID_UncorrUncertainty_NP8
alpha_HWW_FakeFactor_mu_STAT_combined_3_1
alpha_ATLAS_MUONS_SCALE
alpha_theo_wt_fsr_GGF
alpha_ATLAS_EL_EFF_ID_CorrUncertainty_NP12
alpha_theo_ww_CSSKIN_VBF
alpha_ATLAS_EL_EFF_ID_CorrUncertainty_NP10
alpha_ATLAS_EL_EFF_ID_CorrUncertainty_NP11
alpha_ATLAS_EL_EFF_ID_CorrUncertainty_NP13
alpha_ATLAS_EL_EFF_ID_CorrUncertainty_NP9
alpha_ATLAS_EL_EFF_ID_CorrUncertainty_NP14
alpha_ATLAS_EG_RESOLUTION_ALL
alpha_ATLAS_JVT
alpha_ATLAS_EL_EFF_Iso_TOTAL_1NPCOR_PLUS_UNCOR
alpha_ATLAS_EG_SCALE_ALL
Muon experimental uncertainty
alpha_ATLAS_EG_SCALE_AF2
alpha_ATLAS_MUONS_ID
alpha_ATLAS_MUON_EFF_RECO_SYS
alpha_ATLAS_JES_PU_PtTerm
alpha_ATLAS_FT_EFF_Eigen_Light_0
alpha_ATLAS_MUON_EFF_ISO_STAT
alpha_theo_wt_fsr_VBF
alpha_ATLAS_JES_EffectiveNP_Statistical2
alpha_ATLAS_FT_EFF_Eigen_C_0
alpha_HWW_FakeFactor_el_STAT_combined_3_1
Jet energy resolution uncertainty
alpha_ATLAS_MUON_EFF_RECO_STAT
alpha_ATLAS_EL_EFF_ID_UncorrUncertainty_NP17
alpha_ATLAS_FT_EFF_extrapolation_from_charm
alpha_ATLAS_JES_EtaInter_NonClosure_negEta
$\frac{\theta-\theta_0}{\Delta\theta_0}$
-1
-0.75
-0.5
-0.25
0
0.25
0.5
0.75
1