

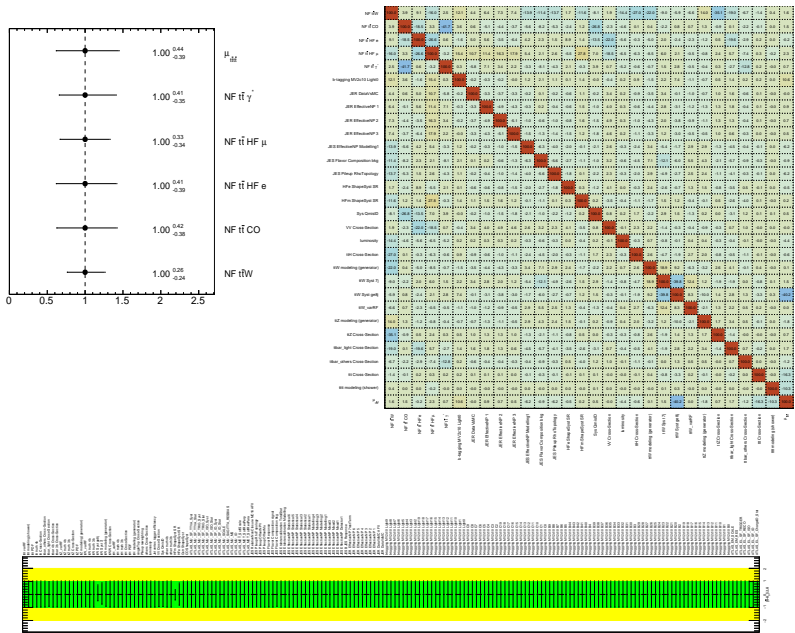
Recent Work

MENG-JU TSAI, ZHI ZHENG, JIANMING QIAN

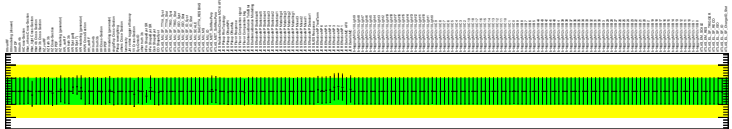
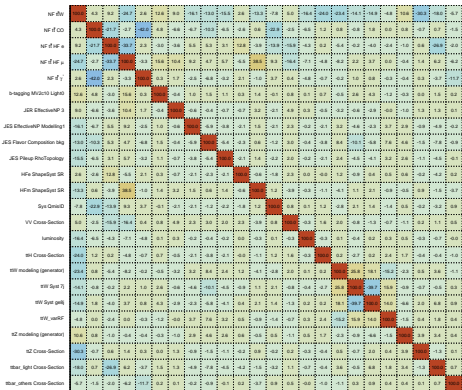
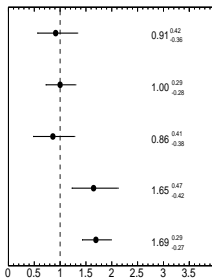
June 8, 2020

Fit results

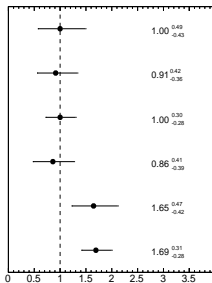
SM 4tops Plain Asimov Fit



SM/BSM Real CR-Only Fit



SM Realistic Asimov Fit



μ_{fit}

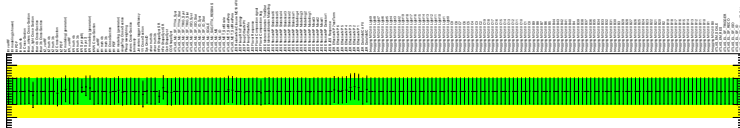
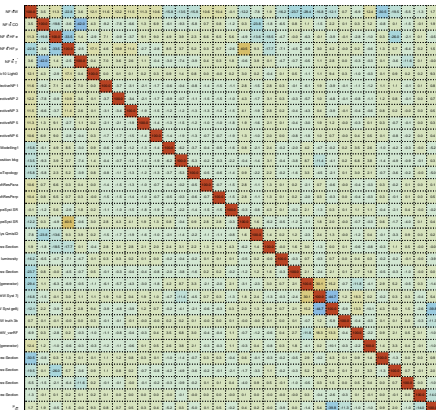
NF $t\bar{t}\gamma^*$

NF $t\bar{t}\text{HF}\mu$

NF $t\bar{t}\text{HF}e$

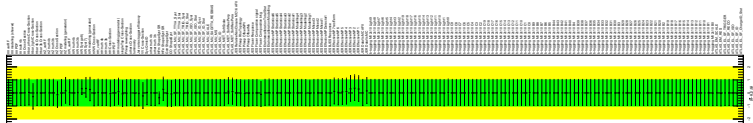
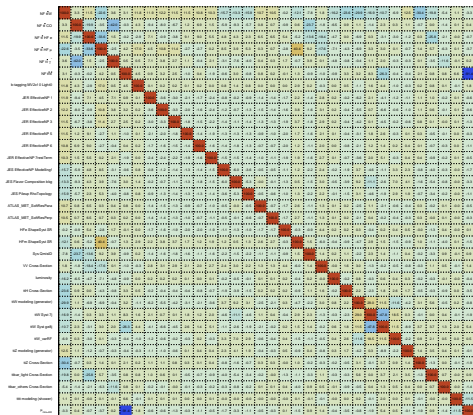
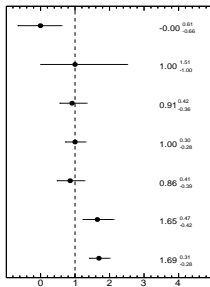
NF $t\bar{t}\text{CO}$

NF $t\bar{t}\text{W}$



Realistic Asimov HT Fit - mH400 - Free Float NF_tttt w/ nominal

1



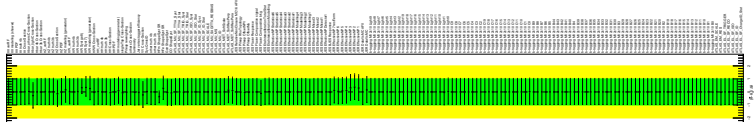
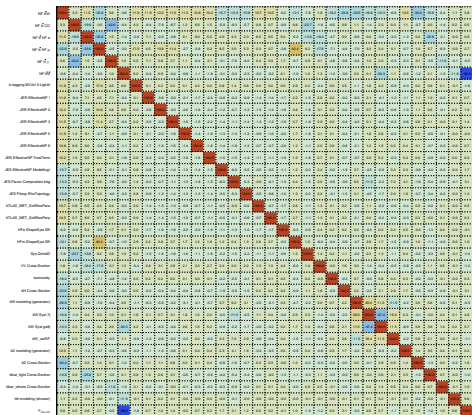
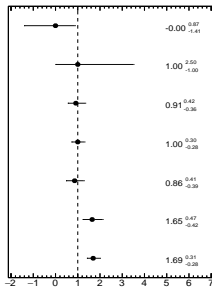
1



1

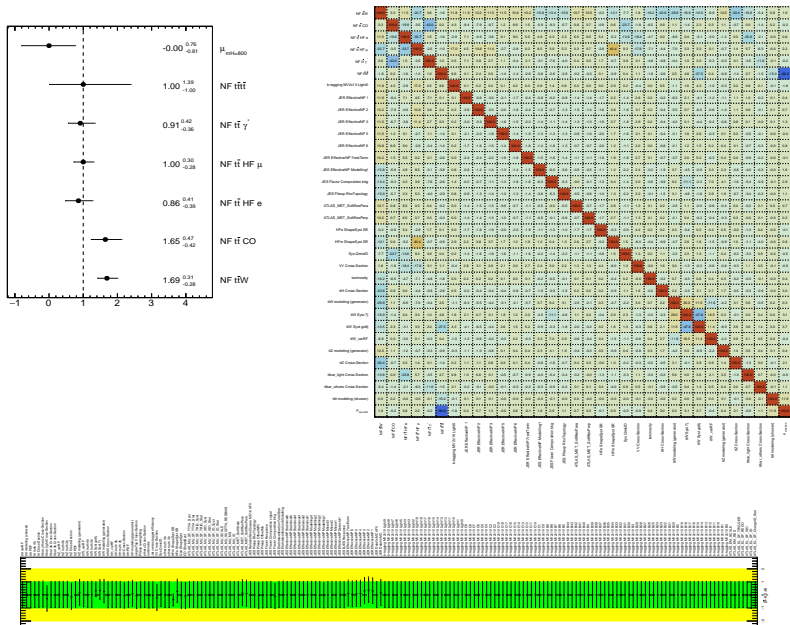


1



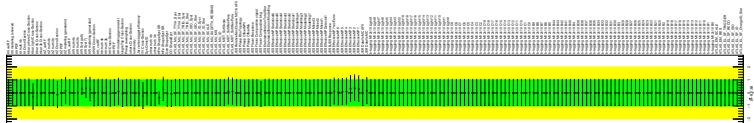
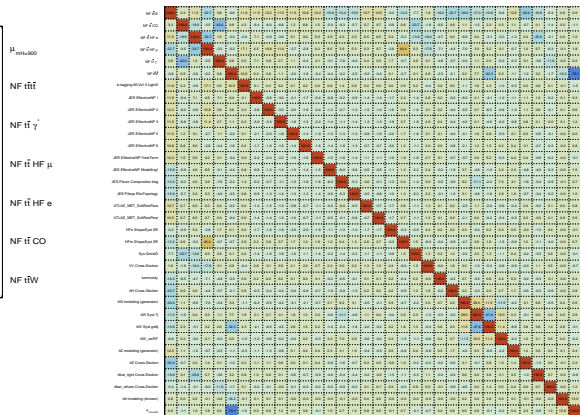
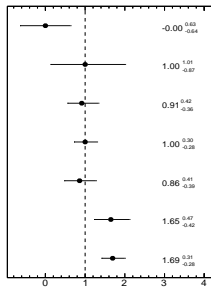
Realistic Asimov HT Fit - mH800 - Free Float NF_tttt w/ nominal

1

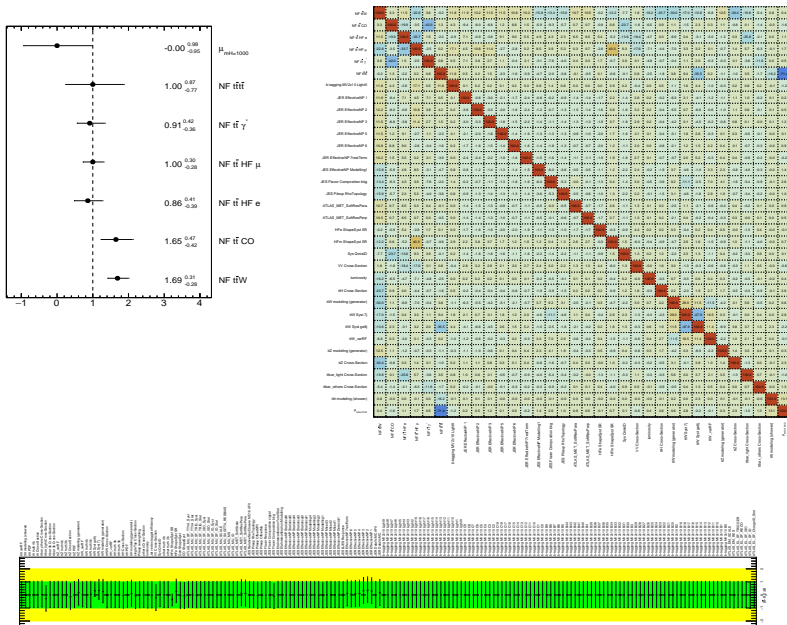


Realistic Asimov HT Fit - mH900 - Free Float NF_tttt w/ nominal

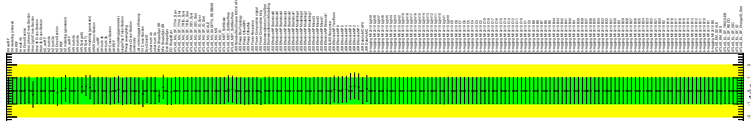
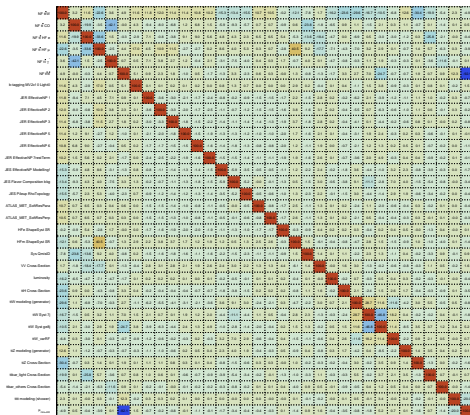
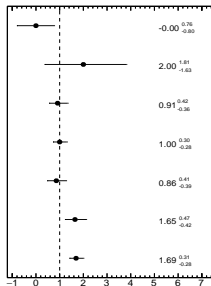
1



Realistic Asimov HT Fit - mH1000 - Free Float NF_tttt w/
nominal 1

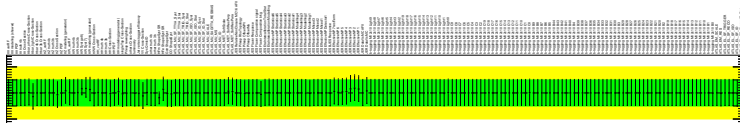
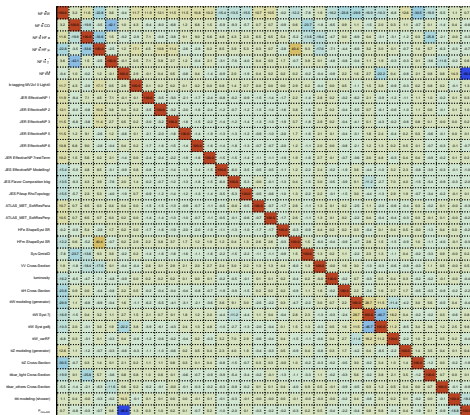
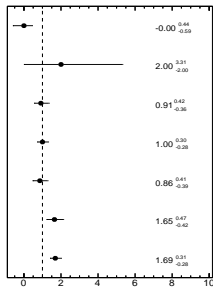


2



Realistic Asimov HT Fit - mH500 - Free Float NF_tttt w/ nominal

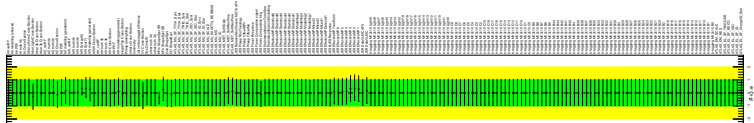
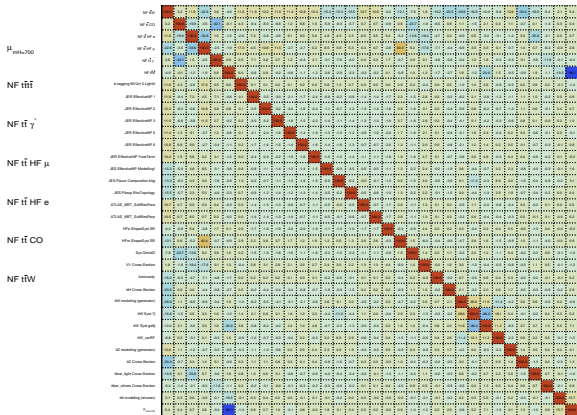
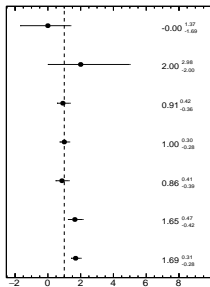
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2

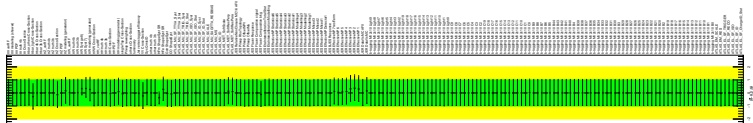
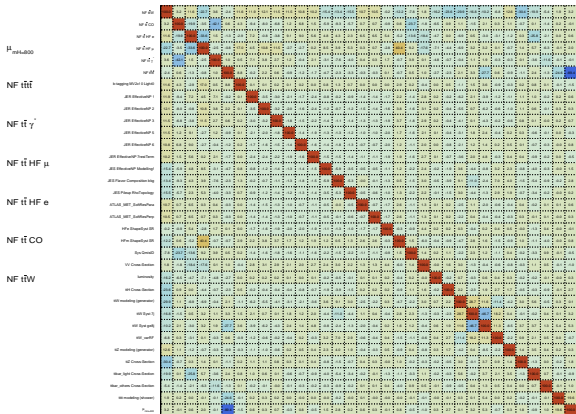
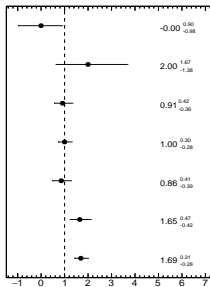


2



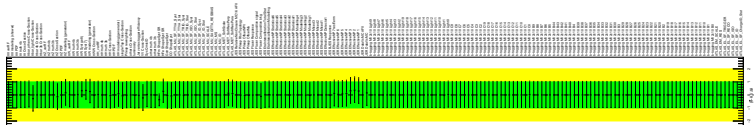
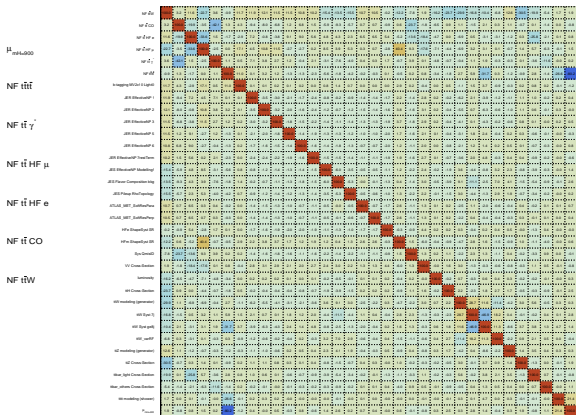
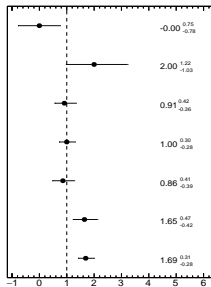
Realistic Asimov HT Fit - mH800 - Free Float NF_tttt w/ nominal

2

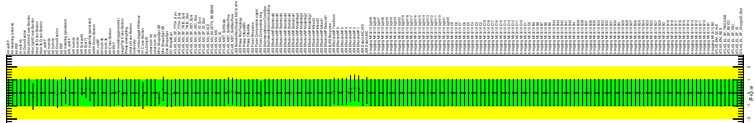
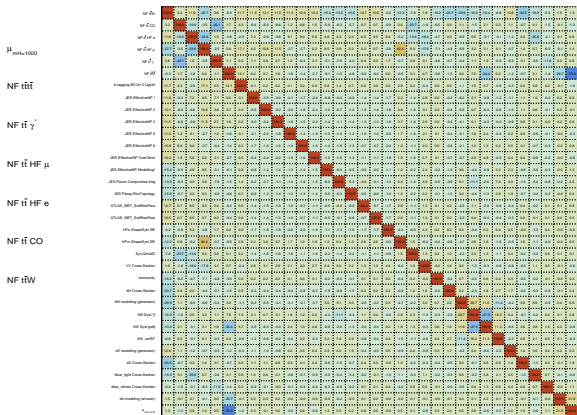
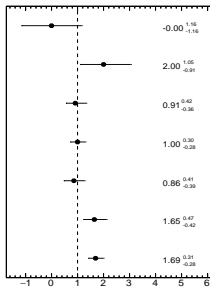


Realistic Asimov HT Fit - mH900 - Free Float NF_tttt w/ nominal

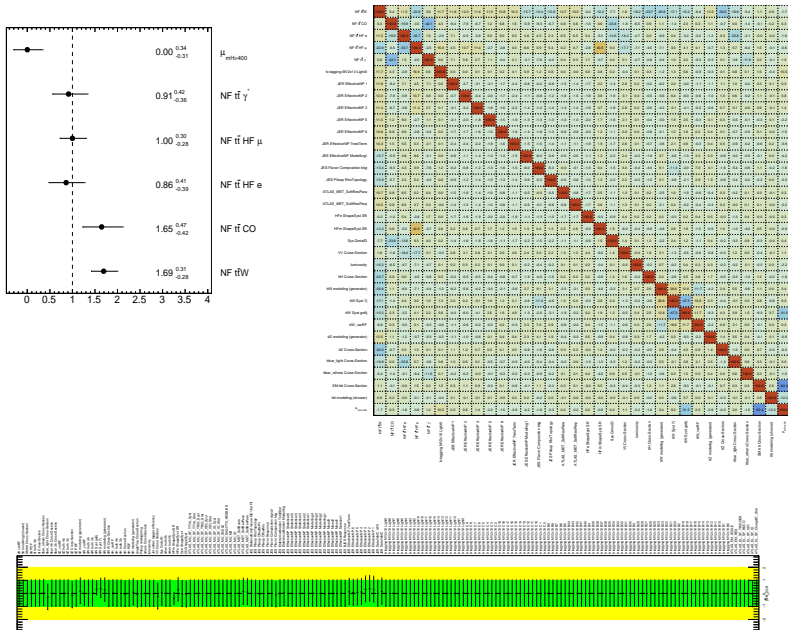
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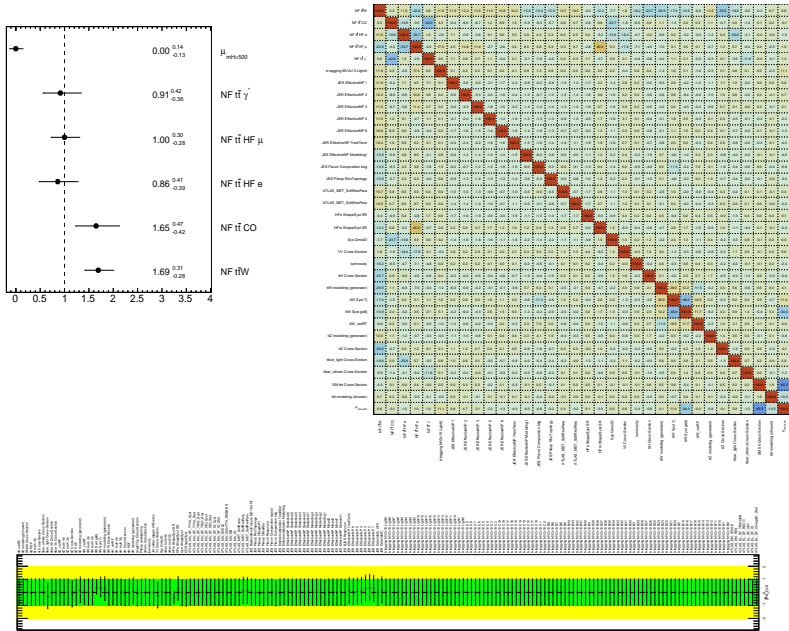
Realistic Asimov HT Fit - mH1000 - Free Float NF_tttt w/ nominal 2



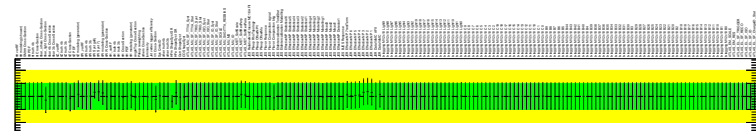
Realistic Asimov HT Fit - mH400 - 50% tttt_Xsec, NF_tttt=1



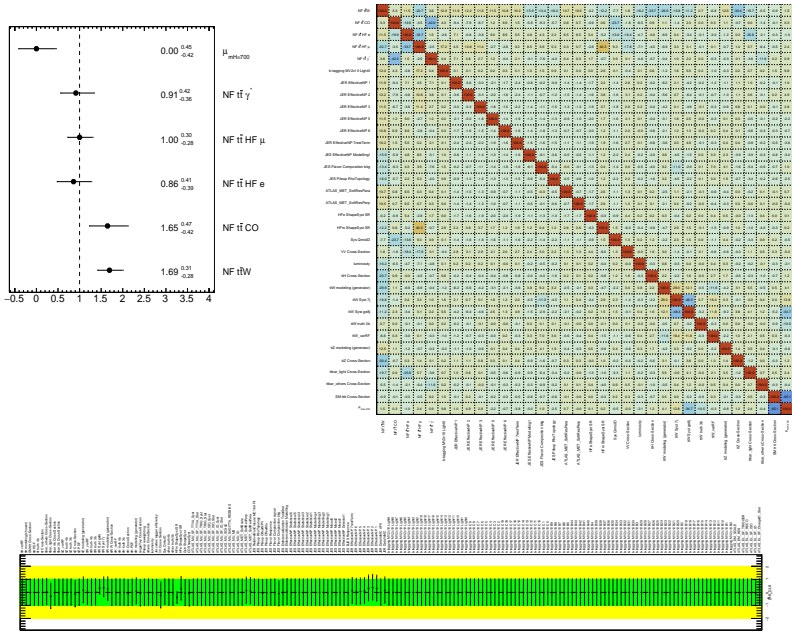
Realistic Asimov HT Fit - mH500 - 50% tttt_Xsec, NF_tttt=1



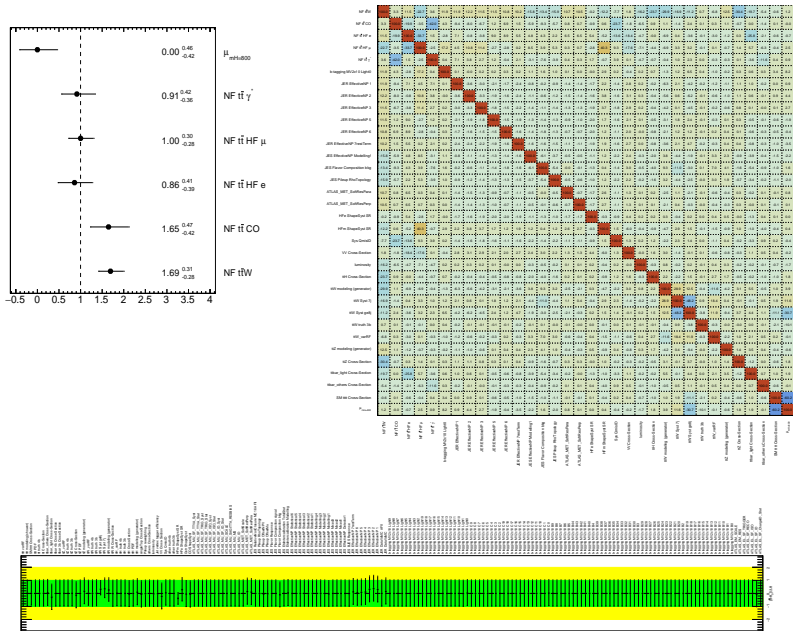
Realistic Asimov HT Fit - mH600 - 50% tttt_Xsec, NF_tttt=1



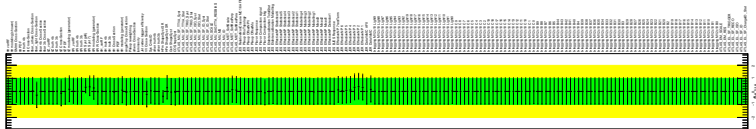
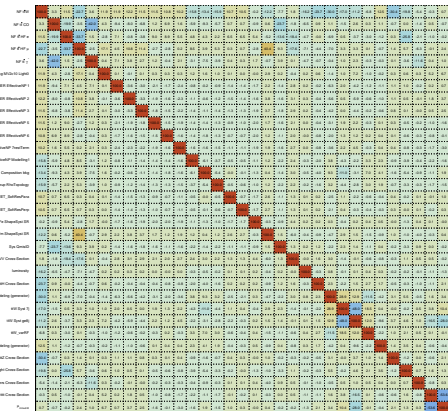
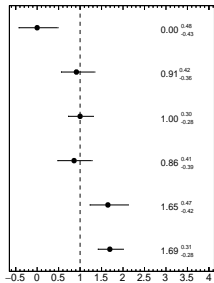
Realistic Asimov HT Fit - mH700 - 50% tttt_Xsec, NF_tttt=1



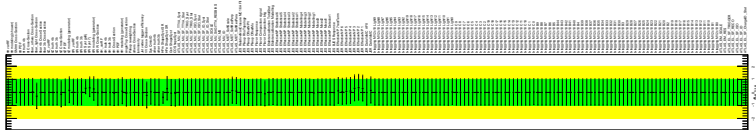
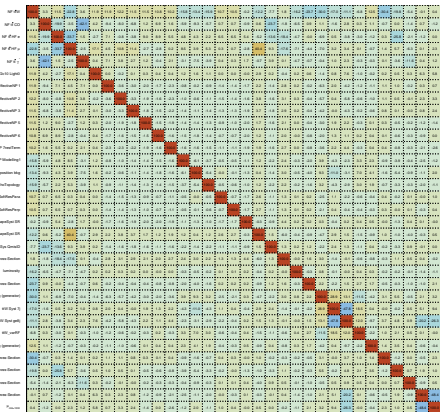
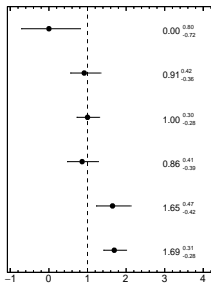
Realistic Asimov HT Fit - mH800 - 50% tttt_Xsec, NF_tttt=1



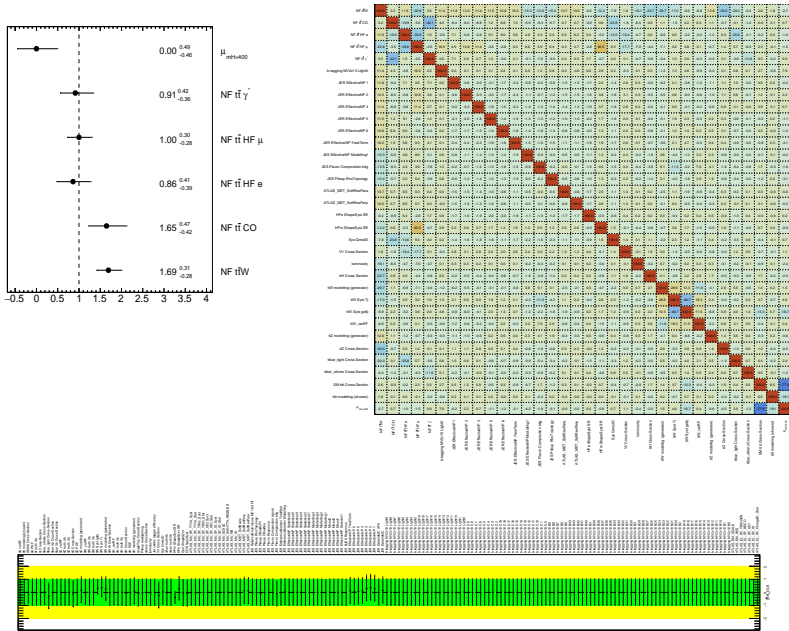
Realistic Asimov HT Fit - mH900 - 50% tttt_Xsec, NF_tttt=1



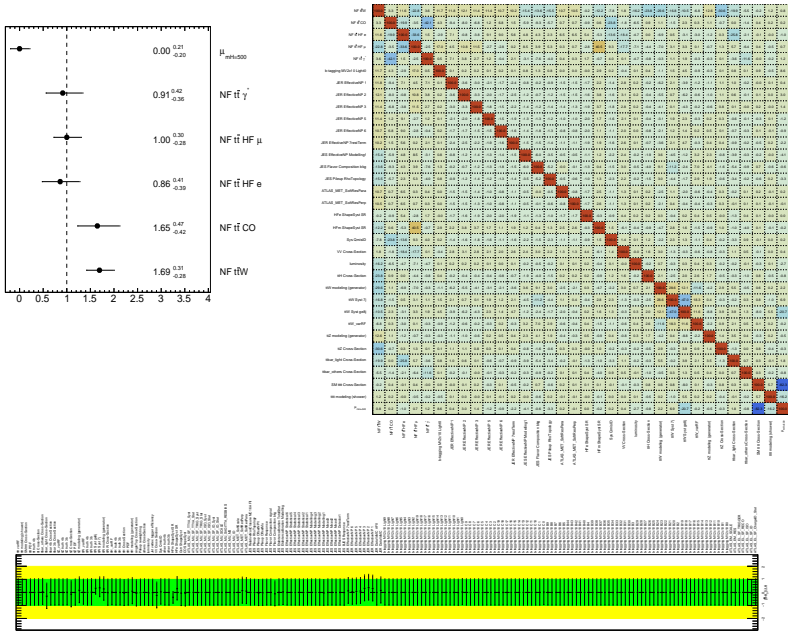
Realistic Asimov HT Fit - mH1000 - 50% tttt_Xsec, NF_tttt=1



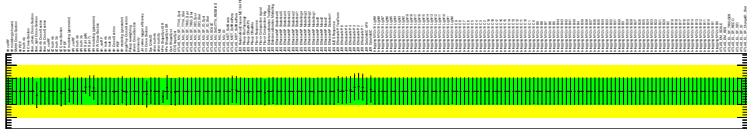
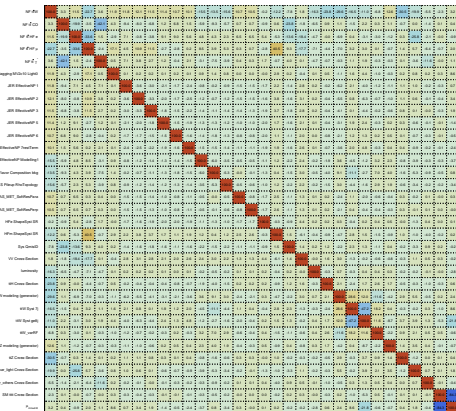
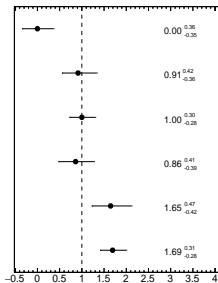
Realistic Asimov HT Fit - mH400 - 50% tttt_Xsec, NF_tttt=2



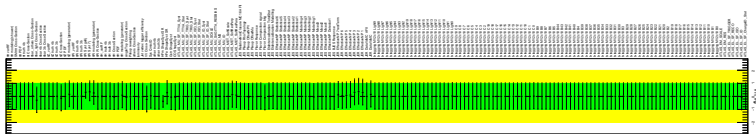
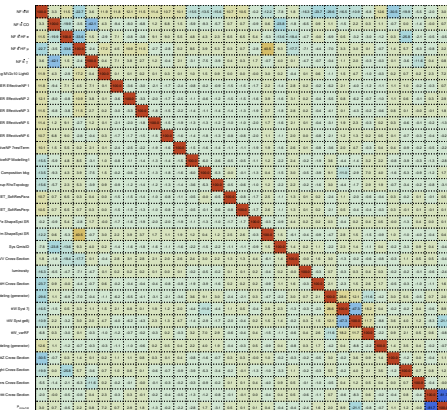
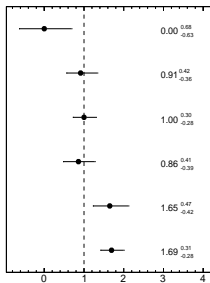
Realistic Asimov HT Fit - mH500 - 50% tttt_Xsec, NF_tttt=2



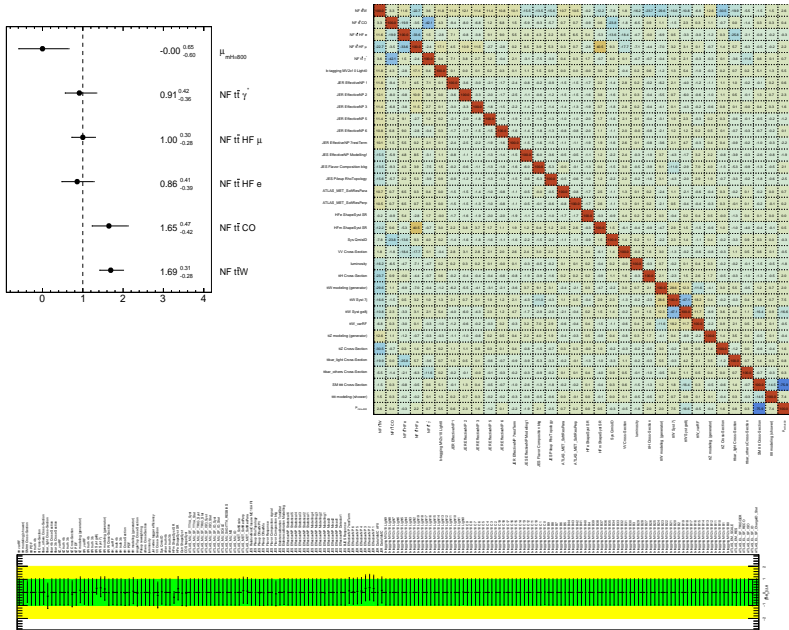
Realistic Asimov HT Fit - mH600 - 50% tttt_Xsec, NF_tttt=2



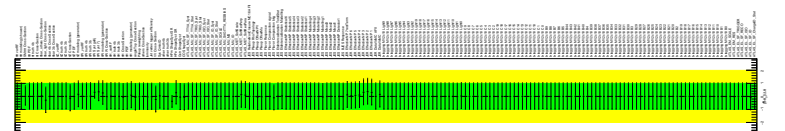
Realistic Asimov HT Fit - mH700 - 50% tttt_Xsec, NF_tttt=2



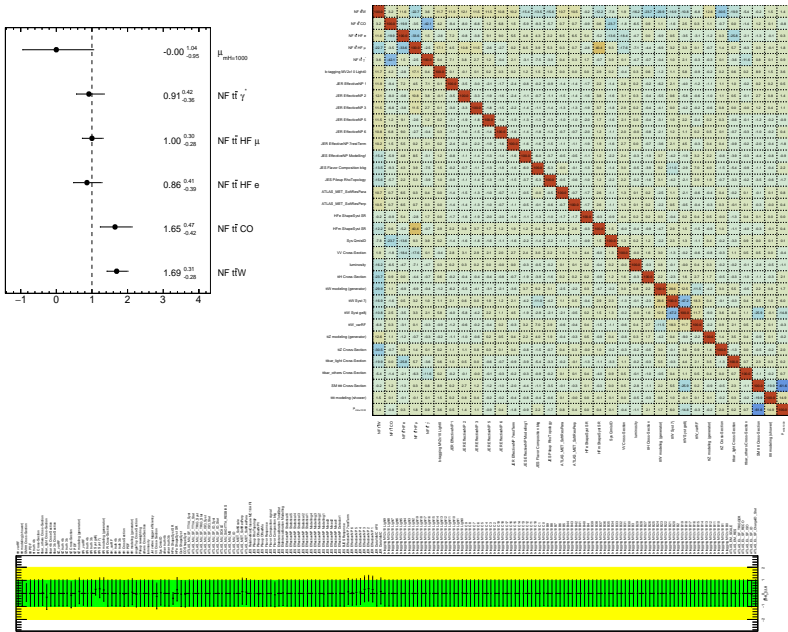
Realistic Asimov HT Fit - mH800 - 50% tttt_Xsec, NF_tttt=2



Realistic Asimov HT Fit - mH900 - 50% tttt_Xsec, NF_tttt=2



Realistic Asimov HT Fit - mH1000 - 50% tttt_Xsec, NF_tttt=2



Backup