μ FFNP_1prong_ptbin0_etablin0	13 1 2 1 2 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1	25 0.9 0.4 0.4
FFNP_1prong_ptbin0_etabin1		0.5 0.4
FFNP_1prong_ptbin1_etabin0 FFNP_1prong_ptbin2_etabin0	1 2 2 4 5 5 6 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	0.2 0.1
FFNP_3prong_ptbin0_etabin0		03 03
FFNP_3prong_ptbin2_etabin0		0.1 -0.1
FFNP_SS_CR		30 -22
FFNP_OS_CR	5 7 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	38 -2.0
JER_1	2 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	-0.1 -2.9
JER_2		26 3.9
JER.3	42 87 87 88 88 88 88 88 88 88 88 88 88 88	0.3 0.2
JER_4 JER_5		-1.0 0.6
JER_6	27 63 63 63 63 63 67 67 63 63 63 63 63 63 63 63 63 63 63 63 63	24 25
JER_7restTerm		0.4 0.4
JES_Modelling1 JET_EteInt_Modelling	34 22 48 61 50 68 60 60 60 60 60 60 60 60 60 60 60 60 60	23 -0.8
JET_Etaint_NonClosure_2018data	23 ' 23 ' 23 ' 23 ' 23 ' 23 ' 23 ' 23 '	0.5 0.5
JET_Flavor_Composition	45 21 23 23 23 23 23 23 23	0.0 0.1
JET_Flavor_Response JET_JER_Data/VaMC_MC16	22 '05 '01 '02 '40 '01 '05 '43 '46 '05 '42 '46 '05 '22 '44 '40 '07 '23 '31 '05 '03 '48 '42 '07 '23 '31 '05 '03 '48 '42 '43 '07 '25 '01 '07 '40 '42 '41 '05 '02 '41 '15 '20 '41 '33 '33 '33 '33 '33 '33 '33 '46 '31 '46 '11 '02 '43 '33 '33 '33 '33 '33 '33 '33 '33 '33	46 23
JET_JER_DataVsMC_MC16 JET_Pleup_OffsetMu	27 at	0.5 2.1
JET_Pileup_OffsetNPV	27 27 27 28 27 28 28 27 28 28	1.1 1.1
JET_Pileup_RhoTopology	44 42 22 18 61 61 40 41 42 48 41 42 48 42 44 18 43 44 47 62 48 48 48 48 48 48 48 48 48 48 48 48 48	6.5 -1.5
LumiUncertainty MEDIUM_tauID_1PGE40	22 1 20 20 1 20 20 20 20 20 20 20 20 20 20 20 20 20	1.9 -1.7
MEDIUM_tauID_SYST	22 22 41 21 20 42 42 42 42 42 42 42	33 -3.0
MET_SoftTrk_ResoPana	68, 61, 61, 62, 63, 61, 40, 42, 42, 43, 43, 43, 43, 43, 43, 43, 43, 43, 43	0.8 -1.1
MET_SoftTrk_ResoPerp	3 1 1 1 1 2 1 2 2 3 2 3 3 3 3 1 3 1 4 1 5 1 5 3 1 1 1 1 2 3 3 3 1 1 1 1 2 3 3 3 3 3 3	05 03
TES_DETECTOR	41 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	50 43
TES_INSITUEXP	55 20 40 40 40 40 40 40 40	0.6 -0.7
TES_INSITUFIT	22 45 44 44 60 42 60 27 37 60 41 12 64 65 64 64 63 64 63 65 65 65 65 65 65 65	0.1 -0.2
TES_MODEL_CLOSURE TES_PHYSICSLIST	22 23 24 24 25 25 25 25 25 25	0.1 0.4
btag_B_0	68 61 60 60 60 60 60 60 60	0.2 0.8
diboson scalle		0.2 -0.1
signal FSR signal PDF	8 41 41 41 51 42 53 53 53 53 53 53 53 5	03 02
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ttH theory_uncer	47 (41 (44 (44 (44 (44 (44 (44 (44 (44 (44	-0.1 0.0
tauEveto_TOTAL	31 31 40 40 40 40 40 40 40 40 40 40 40 40 40	2.5 2.3
tauRecon_TOTAL tauTrigger_STATDATA161718	an an an an an an an an	28 - 26 58 - 53
tauTrigger_STATDATA2018	24 40 40 40 40 40 40 40 40 40 40 40 40 40	42 3.9
tauTrigger_STATMC161718	22 (42 (43 (43 (43 (44 (45 (45 (45 (45 (45 (45 (45 (45 (45	42 3.9
tauTrigger_STATMC2018 tauTrigger_SYST161718	24 35 32 35 35 35 35 35 35	42 3.9
tauTrigger_SYST2018	26 43 43 43 60 64 60 50 40 40 40 40 40 40 40 40 40 40 40 40 40	42 -3.9
tauTrigger_SYSTMU161718	42 33 48 58 51 54 48 58 51 51 51 52 52 53 53 54 54 54 54 54 54	9.5 -8.5
tauTrigger_SYSTMU2018 top FSR	21 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	42 - 39
only τ_{mb} real modelling	22 1-25 4-29 1-25 40 1-25 1-01 24 1-02 1-03 1-05 1-05 1-05 1-05 1-05 1-05 1-05 1-05	1.5 2.4
drsa.	73, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43 0.1
ilisa ilipor	\$1 40 51 50 50 40 50 40 40 40 40	0.2 0.7
₽PS .	27 , 22 , 21 , 20 , 21 , 20 , 21 , 25 , 25 , 25 , 25 , 25 , 25 , 25	-1.6 12.5
d'acate	A S S S S S S S S S S S S S S S S S S S	0.9 1.1
n hdamp	45 15 12 18 14 19 140 141 142 185 18 1 18 141 148 148 148 148 148 148 148	
ztt scale $\label{eq:controller}$ ztt $\alpha_{_{h}}$	43, 23, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	
zn CT14 pdf	01,00,00,00,00,00,00,00,00,00,00,00,00,0	
28 MMHT pdf		1.4 2.9
211 PDF	22 12 12 12 13 13 14 13 13 13 13 14 14 12 13 13 14 14 12 13 13 14 14 14 13 14 14 14 14 14 14 14 14 14 14 14 14 14	1.7 -2.1
211 ckk 211 qsf	25 64 64 67 64 67 68 68 68 68 68 68 68 68 68 68 68 68 68	7.5 100
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