FFNP_1prong_ptbin0_etabin0	p 1 1 2 1 4 2 1 4 2 1 4 2 1 4 2 1 4 2 1 4 2 1 4 2 1 4 2 1 4 2 1 4 1 4	25 -0.1 2.1 21.8	03 07 40 18	-51 -15 -27 01 -05 -00	0 -2.7 0.7
FFNP_1prong_ptbirtO_etabin1		-0.5 -0.0 -0.9 0.7	0.1 -0.2 -0.1 -0.4	12 0.0 -0.3 0.0 -0.0 0.2	2 -0.5 0.4
FFNP_1prong_ptbin1_etabin0 FFNP_1prong_ptbin2_etabin0		-03 -00 -1.0 0.4	0.0 -0.1 -0.9 -0.4	09 00 -02 00 -00 -00	0 -0.2 0.1
FFNP_3prong_ptbin0_enabin0		-0.4 -0.0 -0.7 0.5	-00 -0.11.10.3	0.7 0.0 0.2 0.0 0.1 0.0	0 -03 03
FFNP_3prong_ptbin2_stabin0		0.0 0.0 0.1 -0.1	0.0 0.0 0.2 0.0	-0.0 -0.0 0.1 0.0 0.0 -0.0	0 0.1 -0.1
FFNP_SS_CR	• · · · · · · · · · · · · · · · · · · ·	5.0 02 93 4.6	-0.1 1.5 11.7 3.6	93 91 20 95 94 98	6 3.1 -2.3
FFNP_OS_CR HiiBR	• • • • • • • • • • • • • • • • • • • •	-0.0 0.0 0.0 -0.0	0.0 0.0 0.0 0.0	-10.1 -0.2 2.8 -0.2 0.2 -0.0	0 3.9 -2.2
JER_1		-05 -02 -0.7 5.6	0.5 -0.0 4.5 0.1	0.7 .1.7 -0.4 19 18 -0.8	8 -0.1 -2.9
JER_2		-1.1 0.0 2.0 7.2	-03 0.5 -53 1.2	3.0 -0.7 1.7 1.7 1.6 0.1	2.5 -3.9
JER_3 JER_4		-0.5 00 -0.7 -0.5 -0.3 02 -0.2 -4.4	-0.0 -0.1 -0.5 -0.3 -1.0 0.2 -10.6 0.4	0.8 0.3 0.3 0.2 0.2 0.1 -21 1.2 1.6 0.9 0.9 0.4	4 22 -0.1
JER_5		0.8 0.1 -0.3 3.6	-03 01 58 02	-0.9 -0.1 -0.9 <mark>-0.0 -0.1</mark> -0.2	2 -1.1 0.7
JER_6		0.9 0.0 -1.8 2.1	-0.1 -0.2 -4.5 -0.6	1.2 0.3 -1.8 -0.7 -0.7 0.1	1 -25 25
JER_7restTerm JES_Modelling1	<mark> </mark>	-0.3 0.0 -1.2 -2.9 -1.7 0.1 -1.4 -2.1	-02 -0.1 -1.9 -0.3 -0.6 -0.1 -8.3 -0.3	0.5 0.5 0.3 0.5 0.4 0.2	2 0.4 0.4
JET_Etaint_Modelling		-1.4 02 -0.3 -2.6	-0.9 0.1 -10.2 0.2	-1.4 <mark>1.0 22 -</mark> 0.7 -0.6 -0.3	3 3.0 -0.9
JET_Etaint_NonClosure_2018data	0004466 24 1 00 1 10 1 00 1 10 1 00 1 10 1 00 1 10 1 0 1 10 1	-0.1 0.1 -0.3 -1.5	-0.4 0.0 -4.4 -0.0	0.6 0.4 0.5 0.5 0.0	0 0.5 0.6
JET_Flavor_Composition JET_Flavor_Response	47, 41, 41, 40, 40, 40, 40, 40, 41, 41, 41, 41, 41, 41, 41, 41, 41, 41	-0.1 0.0 0.2 1.2 3.9 -0.1 3.0 4.4	-0.1 0.0 -1.5 0.0 1.1 0.2 14.4 0.8	-02 -00 -00 -00 -0.1 0.1 -09 -15 -34 -02 0.1 -0.1	1 -0.1 0.2
JET_JER_DataVsMC_MC16		0.1 0.1 0.2 -1.0	-0.2 0.1 -1.9 0.1	05 03 02 01 01 03	3 02 02
JET_Pileup_OffsetMu	\$\documers \documers \docu	0.2 0.1 -2.3 -4.4	-0.5 -0.2 -6.2 -0.7	1.1 1.2 403 413 413 401	1 -0.5 2.1
JET_Pileup_OffsetNPV JET_Pileup_RhoTopology		-05 02 -21 -3.5 -34 05 -1.4 -5.2	-1.0 -0.1 -13.0 -0.4 -2.4 0.3 -28.8 0.2	32 28 48 47 47 47 63	4 1.1 1.1 3 65 -13
LumiUncertainty		-18 -0.1 -0.9 -1.4	0.1 -0.2 • 1.4 • -0.4	12 - 00 - 14 - 04 - 04 - 01	1 1.9 -1.7
MEDIUM_tau/D_1PGE40		-1.2 -0.0 -0.3 -0.5	0.1 -0.1 1.1 -0.2	0.6 -0.0 1.0 0.3 0.3 -0.1	1 1.4 -1.2
MEDIUM_tauID_SYST MET_SoftTik_ResoPara		-3.0 -0.1 -1.1 -2.2 -0.3 -0.0 -1.5 -2.2	-01 02 -02 05	17 -00 25 06 07 02	2 33 -30
MET_SoftTrk_ResoPerp	· · · · · · · · · · · · · · · · · · ·	-0.1 -0.0 -0.4 -2.5	-00 0.0 0.5 -0.0	0.0 0.0 0.3 0.0 0.0 0.4	4 05 -0.4
PRW		-53 -03 -54 <mark>-31</mark>	0.5 -1.12.12.7	77 02 05 14 13 12	2 . 0.31.6
TES_DETECTOR TES_INSITUEXP		23 401 47 40	03 -06 -13 -15	3.7 0.6 -3.7 -1.3 -1.2 -0.2	2 48 43
TES_INSITUEXP		-1.8 -0.1 -2.3 -0.8	0.4 -0.5 3.7 -1.2	3.6 0.1 0.3 0.1 0.1 0.3	0.1 -0.2
TES_MODEL_CLOSURE	եր Հուկանականական ականական ականական ականական ականական	-0.5 -0.1 -0.5 3.1	0.1 -0.1 -0.4 -0.2	0.6 -0.3 -0.1 03 03 -0.1	1 -0.1 -0.4
TES_PHYSICSLIST		05 -0.1 -1.5 3.1	0.2 -0.1 -0.5 -0.2	0.7 -0.8 0.0 0.8 0.8 -1.1	1 0.5 -1.8
bteg_B_0 signal FSR		0.1 -0.0 -0.4 - 3.5	0.1 -0.0 - 2.9 - 0.1	05 00 02 01 01 01	1 03 03
signal PDF	yulPGF 43 440 450 150 440 451 140 55 151 41 150 440 45 151 45 150 151 45 155 155 155 155 155 155 155 155	0.0 0.0 0.1 0.2	-0.0 0.0 -0.3 0.0	-0.1 -0.0 -0.0 -0.0 -0.0	0.0 0.0
signal PS IIH theory_uncer		0.1 0.1 1.1 2.1	-02 01 -28 03	09 - 01 - 00 - 01 - 01 - 02	2 -0.1 0.4
ttH theory_uncer tauEveto_TOTAL		-0.1 -0.0 -0.4 0.3 -2.2 -0.1 -0.8 -1.7	0.1 -0.1 1.8 -0.4	12 -00 19 05 05 0.2	2 25 -23
tauRecon_TOTAL		-2.6 -0.1 -1.0 -1.9	02 -02 22 -0.5	1.5 -0.0 2.1 0.5 0.5 -0.2	2 28 -26
tauTrigger_STATDATA161718		.7.2 -0.3 -3.4 -1.5	0.2 -0.6 0.8 -1.5	44 41 44 13 13 43	3 5.8 -5.3
tauTrigger_STATMC161718		-63 -02 -36 -09 -63 -02 -36 -09	03 -05 03 -1.6	45 -00 33 10 10 -0.0	0 42 39
tauTrigger_STATMC2018		-63 - 023.6 - 0.9	03 -05 - 03 -1.6	45 - 40 - 33 - 10 - 10 - 40	0 42 -39
sauTrigger_SYST161718	**************************************	63 -02 -3.6 -0.9	03 -07 03 -1.6	45 -00 33 10 10 -0.0	0 42 -3.9
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tauTrigger_SYSTMU2018	10,000 125 40 40 40 40 40 40 40 40 40 40 40 40 40	0.0 3.2- 2.0- 0.00	0.2 -0.7 0.3 -1.6	45 -00 33 10 10 -0.0	0 42 -39
top FSR only τ_{aa} real modelling		-0.3 100.0 -0.1 -0.1	0.2 -0.1 -1.8 -0.1	0.4 -0.1 0.0 0.2 0.2 0.0	0 0.1 -0.3
only t _{ee} real modelling	tankan dari dari dari dari dari dari dari dari	49 01 53 1000	-05 -06 - 23 -1.7	45 35 34 -15 -12 -00	0 43 00
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d POF		07 -0.1 -1.3 -0.6	0.1 100.0 0.5 -0.6	1.7 0.2 0.2 0.0 0.0 0.0 0.3	4 47
d PS d scale	took 12 44 44 43 43 43 13 13 40 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	-1.6 -0.1 -3.4 -4.7	0.2 -0.5 -0.3 100.0	4.1 0.6 -0.4 -0.2 -0.2 0.7	
t hdamp	thump of 1 is 1 1 2 is 1 4 1 5 2 4 4 1 4 3 1 4 4 1 4 4 4 4 4 4 4 4 4 4 4	45 04 84 45	-13 1.7 -99 4.1	1000 07 11 03 04 22	2 22 -1.7
zm scale	27 cm 42 5 2 5 2 5 5 5 5 4 5 5 4 5 5 4 5 5 4 5 5 5 5	33 00 00 3	0.5 0.2 8.1 0.5	0.7 100.0 0.2 1.1 1.2 -1.3	
zm cT14 pdf		1.0 02 -0.7 -1.5	-05 -00 -70 -02	03 1.1 0.9 100.0 -1.4 0.4	4 -1.4 2.9
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