μ_top_thlephad3j	100.0 -11.7 -5.9 4.5	13.8 -2.4 -1	0.1 -1.3	6.1 13.8	2.2 4.3	6.5 9.7	4.1 -2.	2 -0.1	3.6 13.3	-3.3	3.6 -7.4	-0.5	5.4 0.9	-1.2	1.2 8.1	-10.2 -19.	9 -21.6 -9	9.5 -6.8	3.2 -3.8	3.9 6	.5 -1.8	1.3 3.4	-12.3 4	.0 -1.7	6.3 1.5	5 8.0	57.7 -2.	.2 -7.8	19.6 12.4	29.8 3
ABCD electron	•11.7 100.0 •8.5 •0.5	-1.1 -0.1 1	1.3 0.7	1.0 -1.5	1.5 -0.6	-0.6 2.3	1.2 0.	9 1.1	1.1 3.3	2.2	-0.1 1.1	-0.5	-0.8 1.2	-1.7 1	.5 -0.3	1.4 -4.:	1 4.9 2	.5 1.4	-0.1 0.4	-0.7 -0	0.1 0.3	0.2 -0.3	-0.3 -0	0.4 0.1	-0.5 1.	1 -0.1	-4.8 0.	7 0.1	-2.4 -3.2	-5.1 -1
ABCD muon	-5.9 -8.5 100.0 -0.3	-0.6 -0.0 0	0.6 0.3 (0.5 -0.8	0.8 -0.3	-0.3 1.2	0.6 0.	4 0.6	0.5 1.7	1.1	-0.0 0.6	-0.3	-0.4 0.6	-0.9	8 -0.1	0.7 -0.6	5 2.5 1	.3 0.7	-0.1 0.2	-0.3 -0	.0 0.1	0.1 -0.2	-0.1 -0	0.2 0.1	-0.3 0.6	5 -0.1	-2.4 0.	3 0.1	-1.2 -1.6	-2.6 -0
JER_1 JER_2	4.5 -0.5 -0.3 100.0	-0.4 0.8 0	0.5 0.1	1.5 -0.4	-1.0 -0.1	-0.2 -2.7	1.4 0.	2 -0.6	1.4 -2.9	-1.0	-0.1 -0.9	-0.0	-0.2 1.2	-0.0	1.6 -0.2	-0.4 0.2	1.6 0	1.9 0.2	1.7 -1.1	-0.1 -0	2 0.1	0.0 0.1	0.2 1	0.0	-0.2 -0.	6 -0.2	-2.4 -0.	7 0.2	-0.6 -0.4	1.5 0
JER_3	-2.4 -0.1 -0.0 0.8	0.7 100.0 4	0.5 0.2	2.4 0.6	1.2 0.2	0.3 3.9	-2.0 -0.	2 1.1	2.0 4.2	1.4	0.1 1.3	-0.2	0.2 -1.5	-0.0 1	.0 0.2	0.6 -0.4	4 23 4	1.4 -0.3	2.5 1.7	0.2 0	.3 -0.2	-0.2 0.3	-0.1	.7 0.1	0.3 1.0	0 0.3	1.7 1/	4 -0.3	1.0 0.7	-2.6 -0
JER_4	-10.1 1.3 0.6 0.5	0.0 -0.5 10	0.0 -0.1	1.0 0.4	1.1 0.1	0.2 1.8	-1.3 -0	1 0.4	1.2 1.7	0.5	0.1 0.6	0.2	0.2 -0.8	0.1 0	4 0.2	0.2 +0.	1 -1.6 -0	0.9 -0.3	-1.2 0.8	0.1 0	:1 =0.1	-0.1 0.1	-0.2 -0	0.8	0.2 0.	4 0.1	3.6 0	6 -0.2	0.7 0.7	-0.8 0
JER_6	-1.3 0.7 0.3 0.1	0.1 -0.2 -	0.1 100.0	0.3 0.1	0.3 0.0	0.1 0.6	-0.3 -0	.1 0.1	0.3 0.5	0.1	0.0 0.2	0.0	0.1 -0.3	0.1	.1 0.0	0.1 -0.0	0 -0.5 -0	0.3 -0.1	-0.4 0.2	0.0 0	.0 -0.0	-0.0 0.0	-0.0 -0	0.2 -0.0	0.0 0.	1 0.0	0.7 0.	.1 -0.0	0.1 0.1	-0.3 -0
JES_Modelling1	-6.1 1.0 0.5 -1.5	1.3 2.4 1	1.0 0.3 10	-1.0	2.1 -0.3	-0.4 -9.3	3.7 0.	7 -2.4	3.6 -10.4	-3.4	-0.3 -3.2	0.3	-0.4 3.3	0.1	.5 -0.5	-1.7 1.0	4.4 2	.6 0.4	5.3 -3.8	-0.3 -0	.5 0.1	0.1 -0.2	0.4 3	1.8 0.2	-0.4 -2.	3 =0.6	2.6 -2.	4 0.5	-0.6 -0.2	6.5 1
JET_BJES_Response	13.8 -1.5 -0.8 -0.4	0.2 0.6 0	0.4 0.1	1.0 100.0	-0.6 -0.1	-0.1 -2.0	0.9 0.	3 -0.4	0.8 -2.1	-0.6	-0.1 -0.6	-0.0	-0.2 0.9	-0.2 -4	1.4 -0.1	+0.3 0.1	1 1.5 0	1.8 0.2	1.2 -0.8	-0.1 -0	0.1 0.0	0.0 -0.0	0.0 0	1.8 0.1	-0.1 -0.	4 -0.1	-2.2 -0.	4 0.1	-0.3 -0.2	1.0 0
JET_EtaInt_Modelling	2.2 -1.5 -0.8 -1.0	-0.6 1.2 1	1.1 0.3	2.1 +0.6 1	00.0 -0.2	-0.2 -5.3	2.1 0.	6 -1.0	1.8 -5.6	-1.5	-0.1 -1.5	-0.2	-0.3 1.9	-0.2	.1 -0.3	+0.7 0.3	3 2.7 1	.5 0.4	2.7 -1.9	-0.2 -0	.3 0.0	0.0 +0.1	0.2 1	.9 0.3	-0.2 -1.	0 -0.3	-4.1 -0.	.9 0.3	-0.3 -0.5	2.6 0
JET_EtaInt_NonClosure_2018data	4.3 +0.6 +0.3 +0.1	-0.1 0.2 0	0.1 0.0 -	0.3 -0.1	0.2 100.0	-0.0 -0.6	0.3 0.	1 -0.1 -	0.3 -0.7	-0.2	-0.0 -0.2	-0.0	-0.1 0.3	-0.1	0.1 -0.0	-0.1 0.0	0.5 0	1.3 0.1	0.4 +0.3	-0.0 -0	.0 0.0	0.0 -0.0	0.0 0	1.3 0.0	-0.0 -0.	1 -0.0	-0.7 -0.	2 0.0	-0.1 -0.1	0.3 0
JET_EtaInt_TotalStat JET_Flavor_Composition	65 -0.6 -0.3 -0.2	-0.1 0.3 0	0.2 0.1	0.4 -0.1	62 00	00.0 -0.9	0.4 0.	1 0.2	0.3 -0.9	-0.2	-0.0 -0.3	-0.0	-0.1 0.4	-0.1	12 -0.0	-0.1 0.1	0.6 0	.3 0.1	0.5 0.3	-0.0 -0	0 -0.0	0.0 -0.0	0.0 0	1.3 0.1	-0.0 -0.	2 -0.0	-0.9 -0	6 12	-0.0 -0.0	0.4 0
JET_Flavor_Response	4.1 1.2 0.6 1.4	1.1 -2.0	1.3 0.3	3.7 0.9	2.1 0.3	0.4 8.4	100.0 -0.	8 1.8	3.0 8.9	2.6	0.2 2.6	0.1	0.4 -2.9	0.1 2	.0 0.4	1.3 -0.3	7 42 4	2.3 -0.5	4.4 3.1	0.3 0	4 -0.1	-0.0 0.1	-0.3	3.2 -0.3	0.3 1.8	8 0.5	4.4 1.	7 -0.4	0.3 0.3	-4.8 -0
JET_JER_DataVsMC_MC16	-2.2 0.9 0.4 0.2	0.1 -0.2 -	0.1 -0.1 (0.7 0.3	0.6 0.1	0.1 0.8	-0.8 100	0.3	0.7 0.9	0.4	0.0 0.4	0.0	0.1 -0.5	0.1 0	.3 0.1	0.2 -0.	1 -1.2 -0	0.7 -0.2	-0.9 0.6	0.1 0	.1 -0.1	-0.0 0.1	-0.1 -0	0.6 0.1	0.1 0.3	3 0.1	1.4 0.	5 -0.1	0.6 0.5	-0.7 -0
JET_Pileup_OffsetMu	-0.1 1.1 0.6 -0.6	-0.5 1.1 0	0.4 0.1 .	2.4 +0.4	1.0 -0.1	-0.2 -4.7	1.8 0.	3 100.0	1.8 -5.3	-1.8	-0.1 -1.7	0.2	-0.2 1.6	0.1	.4 -0.2	-0.9 0.6	2.1 1	2 0.2	2.7 -1.9	-0.1 -0	2 0.0	0.0 -0.1	0.2 1	.9 0.1	-0.2 -1.	2 -0.3	d.0 d.	.2 0.3	-0.2 0.0	3.6 0
JET_Pileup_OffsetNPV	-3.5 1.1 0.5 -1.4	1.2 2.0 1	0.3	3.6 -0.8	1.8 -0.3	-0.3 -8.2	3.0 0.	7 -1.8 1	00.0 +8.9	-2.7	-0.2 -2.5	0.1	-0.3 2.5	0.1	.9 -0.4	-1.2 0.7	3.2 1	.8 0.3	4.2 -3.0	-0.2 -0	4 0.1	0.1 -0.2	0.4 3	1.0 0.2	-0.3 -1.	7 -0.5	3.0 4.	7 0.4	-0.3 -0.3	4.8 0
JET_Pileup_RhoTopology	13.3 3.3 1.7 -2.9	-2.0 4.2 1	1.7 0.5 -1	10.4 -2.1	5.6 -0.7	-0.9 -18.6	8.9 0.	9 -5.3	8.9 100.0	-7.5	-0.6 -7.1	0.4	-0.8 6.9	0.3	i.6 -1.0	-3.8 2.2	9.9 5	.7 0.9	11.8 +8.3	-0.6 -1	.1 0.5	0.3 -0.8	1.0 8	.3 -0.2	-0.9 -5.	1 -1.3	-10.5 -6.	2 1.2	-2.7 -2.0	14.6 2
LumiUncertainty	-3.3 2.2 1.1 -1.0 ·	-0.6 1.4 0	0.5 0.1	3.4 +0.6	1.5 0.2	-0.2 -6.5	2.6 0.	4 -1.8	2.7 -7.5	100.0	-0.2 -2.4	0.2	-0.2 2.3	0.2	.0 -0.3	-1.4 0.8	2.7 1	.6 0.2	3.8 -2.8	-0.2 -0	.3 0.0	0.0 -0.2	0.3 2	.8 0.1	-0.2 -1.	8 -0.4	-2.0 -1.	9 0.4	-0.4 -0.2	5.2 0
MEDIUM_tauID_1PGE40 MEDIUM_tauID_SYST	74 11 05 00	-0.0 0.1 0	0.1 0.0	0.3 -0.1	0.1 -0.0	0.0 -0.5	0.2 0.	0 -0.1 -	25 -74	-0.2	100.0 -0.2	0.0	0.0 0.2	-0.0	0.1 -0.0	-0.1 0.1	0.3 0	8 03	0.3 -0.2	-0.0	0.0	0.0 -0.0	0.0 0	7 04	-0.0 -0.	7 .04	-0.4 -0	8 04	-0.0 -0.0	0.4 0
MET_SoftTrk_ResoPerp	-0.5 -0.5 -0.3 -0.0	0.1 0.2 0	0.2 0.0 (0.3 -0.0	0.2 0.0	-0.0 0.4	0.1 0.	0 0.2	0.1 0.4	0.2	0.0 0.2	100.0	-0.0 -0.0	-0.1 0	2 -0.1	0.2 -0.3	2 -0.1 -4	0.1 0.0	0.2 0.1	-0.0 0	.0 0.0	-0.0 -0.0	0.1	0.1 0.0	-0.0 0.3	2 0.0	-0.9 0.	.1 -0.0	-0.3 -0.4	-0.7 -0
Mu_lso_STAT	5.4 -0.8 -0.4 -0.2	-0.1 0.2 0	0.2 0.1	0.4 -0.2	-0.3 -0.1	-0.1 -0.8	0.4 0.	1 -0.2	0.3 -0.8	-0.2	-0.0 -0.3	-0.0	100.0 0.4	-0.1 -4	.2 -0.1	-0.1 0.0	0.7 0	1.4 0.1	0.5 -0.3	-0.1 -0	0.0	0.0 -0.0	0.0 0	1.4 0.0	-0.1 -0.	2 -0.1	-1.0 -0.	.2 0.1	-0.2 -0.2	0.4 0
PRW	0.9 1.2 0.6 1.2	1.1 -1.5 -4	0.8 -0.3	3.3 0.9	1.9 0.3	0.4 6.1	-2.9 -0.	5 1.6	2.5 6.9	2.3	0.2 2.2	-0.0	0.4 100.0	0.1 1	.7 0.4	1.1 -0.3	7 -3.9 -2	2.2 =0.5	-3.9 2.8	0.3 0	4 -0.1	-0.1 0.2	-0.3 .5	2.7 -0.1	0.4 1.6	5 0.5	3.3 1	8 -0.4	0.7 0.8	-4.2 -0
TES_DETECTOR	-1.2 -1.7 -0.9 -0.0	-0.1 -0.0 0	0.1 0.1 (0.1 -0.2	0.2 -0.1	-0.1 0.2	0.1 0.	.1 0.1	0.1 0.3	0.2	-0.0 0.1	-0.1	-0.1 0.1	100.0	2 -0.0	0.1 -0.	1 0.5 0	1.3 0.1	-0.0 0.0	-0.1 -0	.0 0.0	0.0 -0.0	-0.0 -0	0.0	-0.1 0.	1 -0.0	-0.5 0.	.1 0.0	-0.2 -0.3	-0.5 -0
TES_INSITUFIT	-8.2 1.5 0.8 -0.6	0.6 1.0 0	0.4 0.1	2.5 +0.4	4.1 -0.1	-0.2 -4.9	2.0 0.	3 -1.4	1.9 -5.6	-2.0	-0.1 -1.9	0.2	0.2 1.7	0.2 10	0.0 -0.2	-1.1 0.6	2.2 1	.3 0.1	2.9 -2.1	-0.1 -0	.3 0.1	0.0 -0.1	0.2 2	2.1 0.0	-0.2 -1.	3 =0.3	-0.4 -1.	4 0.3	-0.3 -0.2	4.0 0
TES_MODEL_CLOSURE	8.1 -0.3 -0.1 -0.2	-0.0 0.2 0	0.2 0.0	0.5 -0.1	0.3 -0.0	-0.0 -0.9	0.4 0.	1 -0.2	0.4 -1.0	-0.3	-0.0 -0.3	-0.1	-0.1 0.4	-0.0 -4	1.2 100.0	-0.1 0.1	0.6 0	1.3 0.1	0.5 +0.4	-0.0 -0	0.1	-0.0 -0.0	0.1 0	1.4 0.0	-0.0 -0.	2 +0.1	-1.1 -0.	.2 0.1	-0.1 -0.1	0.5 0
TES_PHYSICSLIST TAU_PLIV	-10.2 1.4 0.7 -0.4	-0.5 0.6 0	0.2 0.1	1.7 -0.3	-0.7 -0.1	-0.1 -3.3	1.3 0.	2 -0.9	1.2 -3.8	-1.4	-0.1 -1.3	0.2	-0.1 1.1	0.1	.1 -0.1	100.0 0.4	1.4 0	1.8 0.1	1.9 -1.4	-0.1 -0	. 0.0	0.0 -0.1	0.1 1	.4 0.0	-0.1 -0.	9 -0.2	0.3 -1.	.0 0.2	-0.1 -0.1	2.8 0
btag_B_0	-19.9 -1.1 -0.6 0.2	1.7 2.3	1.6 -0.5	4.4 1.5	2.7 0.5	0.1 1.9	-4.2 -1.	2 2.1	3.2 9.9	2.7	0.1 0.7	-0.2	0.0 -0.7	0.5 2	2 0.6	1.4 -0.8	8 100.0	3.6 -0.9	-1.2 0.8 -5.6 3.8	0.5 0	.5 -0.1	-0.0 0.1	-0.1 -0	3.9 -0.3	0.1 0.5	0.1	5.4 2.	2 -0.6	1.1 1.2	-5.3 -0
btag_B_1	-9.5 2.5 1.3 0.9	0.9 -1.4 -4	0.9 -0.3	2.6 0.8	1.5 0.3	0.3 5.3	-2.3 -0.	7 1.2	1.8 5.7	1.6	0.2 1.8	-0.1	0.4 2.2	0.3 1	3 0.3	0.8 -0.9	5 -3.6 10	0.0 -0.5	-3.2 2.2	0.3 0	.3 -0.1	-0.1 0.1	-0.1 -3	2.2 -0.2	0.3 1.3	2 0.4	2.9 1.	3 -0.3	0.6 0.6	-3.1 -0
btag_B_2	-6.8 1.4 0.7 0.2	0.2 -0.3 -4	0.3 -0.1 (0.4 0.2	0.4 0.1	0.1 1.0	-0.5 -0.	2 0.2	0.3 0.9	0.2	0.0 0.3	0.0	0.1 -0.5	0.1	.1 0.1	0.1 -0.0	0.9 -0	0.5 100.0	-0.6 0.4	0.1 0	.1 -0.0	-0.0 0.0	-0.0 -0	0.4 -0.1	0.1 0.2	2 0.1	1.2 0.	2 +0.1	0.2 0.2	-0.3 0
btag_B_3	3.2 -0.1 -0.1 1.7	1.4 -2.5	1.2 -0.4	5.3 1.2	2.7 0.4	0.5 10.7	-4.4 -0.	9 2.7	4.2 11.8	3.8	0.3 3.7	-0.2	0.5 -3.9	-0.0 2	9 0.5	1.9 -1.3	2 -5.6 -3	3.2 -0.6	100.0 4,4	0.4 0	.6 -0.1	-0.1 0.2	-0.4 -4	4.5 -0.2	0.5 2.6	5 0.7	4.5 2.	.8 -0.6	0.8 0.6	-7.4 -1
btag_B_37	-3.8 0.4 0.2 -1.1	-0.9 1.7 0	0.8 0.2	3.8 +0.8	1.9 0.3	-0.3 -7.5	3.1 0	6 -1.9	3.0 +8.3	-2.8	-0.2 -2.7	0.1	-0.3 2.8	0.0	2.1 -0.4	-1.4 0.8	3.8 2	.2 0.4	4.4 100.0	-0.3 -0	4 0.1	0.1 -0.2	0.3 3	1.2 0.1	-0.3 -1.	9 -0.5	-3.0 -2.	.0 0.4	-0.5 -0.3	5.5 0
btag_B_7	3.9 -0.7 -0.3 -0.1	-0.1 0.2 0	0.1 0.0	0.3 -0.1	0.2 0.0	-0.0 -0.6	0.3 0.	1 -0.1	0.2 +0.6	-0.2	-0.0 -0.2	-0.0	-0.1 0.3	-0.1	0.1 -0.0	-0.1 0.0	0.5 0	1.3 0.1	0.4 -0.3	100.0	.0 0.0	0.0 -0.0	0.0 0	1.3 0.0	-0.0 -0.	1 -0.0	-0.7 -0	1.1 0.0	-0.1 -0.1	0.3 0
btag_C_17	6.5 -0.1 -0.0 -0.2	0.1 0.3 0	0.1 0.0	0.5 -0.1	0.3 0.0	-0.0 -1.0	0.4 0.	1 0.2	0.4 -1.1	-0.3	-0.0 -0.3	0.0	-0.0 0.4	-0.0	1.3 -0.1	-0.2 0.1	0.5 0	0.1	0.6 -0.4	-0.0 10	0.0	0.0 -0.0	0.0 0	1.4 0.0	-0.0 -0.	2 -0.1	-0.8 -0.	.2 0.1	-0.1 -0.0	0.7 0
btag_C_5 btag_C_7	-1.3 0.2 0.1 0.0	-0.0 -0.2 -1	0.1 -0.0	0.1 0.0	0.0 0.0	-0.0 0.4	-0.0 -0.	.0 0.0	0.1 0.3	0.0	0.0 0.1	-0.0	0.0 -0.1	0.0	.0.0	0.0 -0.0	0 -0.1 -4	0.1 -0.0	-0.1 0.1	0.0 0	.0 0.0	00.0 -0.0	0.0	0.1 -0.1	-0.0 0.0	0.0	0.4 -0.	.0 0.0	-0.1 -0.2	-0.1 -0
btag_C_8	3.4 -0.3 -0.2 -0.1	0.0 0.3 0	0.1 0.0	0.2 -0.0	-0.1 -0.0	-0.0 -0.8	0.1 0.	1 -0.1	0.2 -0.8	-0.2	-0.0 -0.2	-0.0	-0.0 0.2	-0.0	0.1 -0.0	-0.1 0.1	0.3	0.1 0.0	0.2 -0.2	-0.0 -0	.0 -0.1	-0.0 100.0	-0.0 0	1.2 0.1	-0.0 -0.	1 -0.0	-0.7 0.	.0 0.0	0.2 0.3	0.3 0
btag_Light_0	-12.3 -0.3 -0.1 0.2	-0.1 -0.3 -4	0.2 -0.0	0.4 0.0	0.2 0.0	0.0 1.0	-0.3 -0	1 0.2	0.4 1.0	0.3	0.0 0.3	0.1	0.0 -0.3	-0.0	2 0.1	0.1 -0.	1 -0.3 -4	0.1 -0.0	-0.4 0.3	0.0 0	.0 0.0	0.0 -0.0	100.0	0.3 -0.1	0.0 0.3	2 0.0	1.4 0.	.1 -0.0	-0.0 -0.1	-0.5 0
eTrigger	4.0 -0.4 -0.2 1.1	1.0 -1.7 -4	0.8 -0.2	3.8 0.8	1.9 0.3	0.3 7.5	-3.2 -0.	6 1.9	3.0 8.3	2.8	0.2 2.7	-0.1	0.4 -2.7	-0.0	.1 0.4	1.4 -0.5	9 -3.9 -4	2.2 =0.4	-4.5 3.2	0.3 0	4 =0.1	-0.1 0.2	-0.3 10	0.0 -0.1	0.3 1.9	9 0.5	3.1 2	0 -0.4	0.5 0.4	-5.4 -0
fakeSF_1p_pt0_b_fake	-1.7 0.1 0.1 0.0	0.1 0.1 0	0.0 -0.0	0.2 0.1	0.3 0.0	0.1 -0.2	-0.3 0.	1 0.1	0.2 -0.2	0.1	0.0 0.1	0.0	0.0 -0.1	0.0	.0 0.0	0.0 0.0	-0.3 -0	0.2 -0.1	-0.2 0.1	0.0 0	.0 -0.1	-0.1 0.1	-0.1	0.1 100.0	0.1 0.0	0.0	0.5 0.	3 -0.1	0.5 0.5	-0.0 0
jvt	6.3 -0.5 -0.3 -0.2	-0.1 0.3 0	0.2 0.0	0.4 -0.1	0.2 0.0	-0.0 -0.9	0.3 0.	1 0.2	0.3 -0.9	-0.2	-0.0 -0.3	-0.0	-0.1 0.4	-0.1 -4	1.2 -0.0	-0.1 0.1	0.5 0	1.3 0.1	0.5 -0.3	-0.0 -0	.0 -0.0	-0.0 -0.0	0.0 0	1.3 0.1	100.0 -0.	2 +0.1	-0.9 -0	1.1 0.0	-0.0 0.0	0.4 0
tauEveto_TOTAL tauRecon_TOTAL	1.5 1.1 0.6 0.6 80 0.1 0.1 0.2	-0.6 1.0 0	0.1	2.3 +0.4 0.6 +0.1	0.3	0.0 -4.2	1.8 0.	1 03	0.5 -1.2	-1.8	-0.1 -1.7	0.2	-0.2 1.6	-0.0	3 -0.2	-0.9 0.5 -0.2 0.4	2.0 1	2 0.2	0.7	-0.1 -0	0.1	0.0 -0.1	0.2 1	.5 0.0	-0.2 100	3 100.0	4.0 4.	.3 0.2	-0.1 -0.0	0.8
h FSR	57.7 4.8 -2.4 -2.4	2.4 1.7 3	3.6 0.7	2.6 2.2	-4.1 -0.7	-0.9 -10.4	4.4 1.	4 -1.0	3.0 -10.5	-2.0	-0.4 -1.6	-0.9	-1.0 3.3	-0.5 -4	14 -1.1	0.3 0.4	5.4 2	.9 1.2	4.5 -3.0	-0.7 -0	8 0.4	0.3 -0.7	1.4 3	3.1 0.5	-0.9 -1.	0 -1.0	100.0	7 0.9	-5.0 -5.5	-0.8 -1
l ISR	-2.2 0.7 0.3 -0.7	0.6 1.4 0	0.6 0.1	2.4 -0.4	-0.9 -0.2	-0.1 -5.6	1.7 0.	5 -1.2	1.7 -6.2	1.9	-0.1 -1.8	0.1	0.2 1.8	0.1	4 0.2	-1.0 0.6	2.2 1	.3 0.2	2.8 -2.0	-0.1 -0	2 -0.1	-0.0 0.0	0.1 2	.0 0.3	-0.1 -1.	3 0.3	-1.7 100	0.0 0.2	0.3 0.5	
h PDF	-7.8 0.1 0.1 0.2	0.1 -0.3 -4	0.2 -0.0	0.5 0.1	0.3 0.0	0.0 1.2	-0.4 -0	1 0.3	0.4 1.2	0.4	0.0 0.4	-0.0	0.1 -0.4	0.0	.3 0.1	0.2 -0.	1 -0.6 -0	0.3 -0.1	-0.6 0.4	0.0	.1 +0.0	0.0 0.0	-0.0	0.4 -0.1	0.0 0.1	2 0.1	0.9 0.	2 100.0	0.0 -0.0	-0.7 -0
ħ PS	-19.6 -2.4 -1.2 -0.6	01 . 10 . 0	7 1 01 1	06 . 02 .	.02 .01 .	.00 1 .29 1	02 1 0	C . 02 .	02 1 27		.00 .04	02	.02 . 07	1.02 1.4	2 .01	.01 . 00		6 . 02 .	00 1.05	.011.0	11 .02 .	01 1 02			.00 .0	201 .	-50 I O	2 . 00	000	
t hdamp	12.4 ·3.2 ·1.6 ·0.4 · 29.8 ·5.1 ·2.6 1.5	0.3 0.7 0	0.7 0.1	0.2 +0.2	0.5 -0.1	-0.0 -2.3	0.3 0.	5 0.0	0.3 -2.0	-0.2	-0.0 -0.3	-0.4	-0.2 0.8	-0.3 -4	.2 -0.1	-0.1 -0.0	0 1.2 0	0.2	0.6 +0.3	-0.1 -0	.0 -0.3	-0.2 0.3	-0.1 0	1.4 0.5	0.0 -0.	1 -0.0	-5.5 0.	.5 -0.0	0.6 100.0	0.2 -0
t scale	29.8 •5.1 •2.6 1.5 3.1 •1.6 •0.8 0.1	1.9 -2.6 -4	0.8 -0.3 6	5.5 1.0	2.6 0.3	0.4 12.7	-4.8 -0.	7 3.6	4.8 14.6	5.2	0.4 4.8	-0.7	0.4 -4.2	-0.5 4	.0 0.5	2.8 -1.3	7 -5.3 -3	3.1 -0.3	-7.4 5.5	0.3 0	7 +0.2	-0.1 0.3	-0.5 -5	5.4 -0.0	0.4 3.5	5 0.8	-0.8 3	8 -0.7	0.5 0.2	100.0
ztt theory_uncer	3.1 -1.6 -0.8 0.1	U.6 -0.6 C	.1 -0.0	1.1 0.1	0.1 0.0	u.0 2.3	-0.6 -0	.1 0.7	u.6 2.8	0.9	0.1 0.9	-0.5	0.0 0.6	-0.2	.s . 0.0	0.6 0.4	4 -0.8 -0	2.5 0.0	-1.3 0.9	0.0 0	.1 -0.0	·U.O 0.1	-	2.9 0.0	0.0 0.1	0.1	-1.3 0.	7 -0.1	·0.3 ·0.4	-2.4
	CD electron ABCD muon JER_1	JER 3	JER 4	delingt	odelling 18data	otal Stat xosition	sponse	llsedMu	pot NPV pot	artainty	PGE40 SYST	soPerp	PRW	CTOR	SURE	YSICSLIST TAU_PLIV	9 8 0	btag_B_2	btag_B_37	btag_B_7	baag_C_5	baag C_7	baag_Light_0	el ngger 10 b fake	M M	econ_TOTAL	FSR	# POF	it PS it hdamp	il scale
	ABCD electron ABCD muon			JES_Modeling1	JET_Etahri_Modelling NonClosure_2018data	JET_Etaint_TotalStat	JET_Flavor_Response	JET_Pileup_OffsetMu	JET_Pileup_OffsetNPV JET_Pileup_PhoTopology	LumiUncertainty	MEDIUM_taulD_1PGE40	MET_SoffTik_ResoPerp	Mu_Bo_STAT	TES_DETECTOR	MODEL GLOSURE	TES_PHYSICSLIST TAU_PLIV	ž i	8 8	ag og	ž	8 8	8 8	Besto	elngger -1p_p10_b_fake	jví sauEveto TOTAL	Recon			ais .	-
	ai.			JET_B	JET_E NonCic	JETL	JET_FI	Ē	JET_PII	_	(EDIUM.	MET_Sol		Ε'	TES_MOD	TES								fakeSF	5	, is				
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