μ_b_tlhad1j	1000 48.1 4.4 2.0 2.1 3.5 1.8 123 2.5 6.2 6.4 2.1 123 3.5 7.4 4.9 4.4 26.7 6.5 6.5 1.0 1.2 6.3 0.2 0.6 2.9 1	32 18 02 70 07 23 11 82 65 28 130 96 145 14 65 12 07 47 102 12 44 154 145 44 647 119 26
μ_other_thad1j	481 1000 284 425 42 40 81 36 62 62 45 45 44 31 20 13 39 40 504 01 17 11 60 421 12 40 63	31 45 43 86 03 12 05 24 15 37 23 48 31 20 45 35 97 19 31 49 25 <mark>414</mark> 80 47 <mark>284 171</mark> 00
ABCD electron	44 284 1000 462 02 03 27 42 38 33 15 09 33 44 44 45 44 92 41 22 02 09 86 15 11 04	15 02 47 08 42 24 07 19 08 07 14 10 48 05 08 00 07 00 00 00 00 00 00 00 00 00 00 00
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EL_ID_TightLH	35 '20 '03 '01 '00 '1000 '01 '00 '01 '00 '01 '00 '00	-0.0 '0.0 '0.0 '0.0 '0.0 '0.0 '0.0 '0.0
JER_1	18 81 -27 -12 00 0.1 000 0.4 0.4 0.4 0.4 0.1 0.8 0.2 0.5 0.3 0.3 3.5 0.5 0.2 0.0 0.1 3.5 0.2 0.1 0.3	02 01 01 00 04 02 01 03 02 00 03 02 00 00 02 01 01 01 01 01 01 01 01 01 01 01 00 02
JER_2	123 - 35 - 42 - 48 - 00 - 00 - 04 - 1000 - 05 - 03 - 03 - 01 - 05 - 01 - 03 - 03 - 03 - 29 - 05 - 02 - 00 - 01 - 33 - 03 - 03 - 01 -	05 00 02 02 04 01 01 00 00 01 01 00 00 01 01 00 01 01
JER_3	25 62 38 17 00 01 04 05 1000 04 03 01 08 02 04 03 02 04 03 03 03 36 05 05 00 01 36 03 02 02 02	04 00 02 01 05 02 01 05 10 03 01 00 03 02 03 00 01 01 01 01 01 01 01 05 01 00 14 01 00
JER_4	42 • 42 • 33 • 15 • 00 • 00 • 04 • 03 • 04 <mark>• 1000</mark> • 03 • 0.1 • 05 • 0.1 • 03 • 03 • 0.1 • 05 • 0.1 • 00 • 00 • 0.6 • 0.2 • 0.2 • 03 •	-03 • -00 • 02 • 0.1 • -0.3 • -0.1 • 0.1 • -0.1 • 0.0 • 0.1 • -0.0 • -0.0 • -0.0 • -0.0 • -0.1 • -0.1 • -0.1 • -0.0 • -0.1 • -0.
JER_5	64 45 16 07 00 01 04 03 03 03 <mark>1000</mark> 01 02 01 01 01 03 02 01 00 01 01 00 01 00 01	01 00 01 00 03 01 00 02 01 00 03 02 01 00 03 02 03 00 03 00 01 02 02 01 00 01 07 01 07 01 07 01 00 01 04 00
JER_6	-21	0.1 *-0.0 * 0.0 * 0.0 *-0.1 *-0.0 *-0
JES_Modelling1 JET_BJES_Response	123 3.1 3.3 1.5 0.1 0.1 0.8 0.8 0.6 0.8 0.6 0.2 0.1 1000 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.1 0.1 0.1 0.8 0.2 0.1 0.2 0.1 0.2 0.3 0.3 0.1 0.1 0.1 0.8 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	04 01 01 01 00 05 01 01 05 03 00 05 04 06 00 03 05 04 06 00 03 05 05 05 05 05 01 03 01 45 03 01 41 08 00
JET_EtaInt_Modelling	7.4 • 1.3 • 1.4 • 0.5 • 0.0 • 0.1 • 0.5 • 0.3 • 0.4 • 0.3 • 0.1 • 0.1 • 0.2 • 0.1 • 0.0 • 0.1 • 0.2 • 0.0 • 0.1 • 0.2 • 0.0 • 0.1 • 0.2 • 0.0 • 0.1 • 0.3 • 0.1 • 0.0 • 0.1	02 00 01 01 00 03 00 00 03 02 00 03 02 00 03 02 03 02 04 04 05 00
JET_EtaInt_NonClosure_2018data	49 • 39 • 15 • 47 • 00 • 00 • 43 • 43 • 03 • 03 • 01 • 01 • 42 • 41 • 41 • 40 • 41 • 41 • 41 • 41 • 41	02 • 00 • 0.1 • 0.0 • 0.2 • 0.1 • 0.0 • 0.2 • -0.1 • 0.0 • 0.2 • 0.2 • 0.2 • 0.0 • 0.1 • 0.2 • 0.2 • 0.1 • 0.0 • 0.1 • 0.5 • 0.1 • 0.0 • 0.1 • 0.3 • 0.0
JET_EtaInt_TotalStat	44 40 1,4 05 00 00 03 03 03 03 03 01 01 02 01 01 01 000 01 01 01 00 01 01 01 01 01	02 00 01 00 02 01 00 02 01 00 02 01 00 02 01 00 02 03 00 01 02 02 03 00 01 02 02 01 00 01 01 00 01 00 01 03 00
JET_Flavor_Composition	287 804 92 41 04 05 35 29 35 31 03 03 02 11 00 01 01 000 00 45 03 05 00 40 35 24	48 04 04 02 49 05 02 24 18 03 28 20 31 03 45 44 27 07 07 07 08 87 45 05 48 42 00
JET_Flavor_Response	45 -01 41 18 00 01 06 05 06 05 02 01 03 02 01 01 01 00 000 03 00 01 02 02 01 00	04 01 02 01 05 02 01 03 02 00 03 02 04 00 03 02 04 00 02 03 02 01 00 01 01 08 02 01 02 05 00
JET_JER_DataVsMC_MC16	65, 17, 22, 10, 00, 00, 02, 02, 03, 01, 01, 00, 03, 00, 02, 01, 01, 18, 03, 100, 00, 18, 02, 02, 00,	03 00 01 01 01 02 00 00 00 00 01 00 00 00 00 00 00 00 00
JET_Pileup_OffsetMu JET_Pileup_OffsetNPV	10 • 11 • 02 • 01 • 00 • 00 • 00 • 00 •	00 - 01 - 00 - 00 - 01 - 00 - 00 - 01 - 00 - 00 - 01 - 00 - 00 - 01 - 00 - 00 - 01 - 00 - 00 - 00 - 01 - 00 - 00 - 01 - 00
JET_Pileup_RhoTopology	63 421 85 38 04 08 35 33 36 36 01 04 08 12 03 01 01 00 02 18 04 08 1000 43 37 21	48 05 04 03 '21 '09 '02 '28 '20 '05 '34 '25 '38 '04 '19 '08 '31 '04 '07 '04 '09 '104 '20 '08 '40 '35 '00
LumiUncertainty	02 42 15 07 00 00 02 03 03 02 00 01 02 00 01 40 02 00 01 03 04 00 01 05 05 05 05 05 05 05 05 05 05 05 05 05	-20 00 01 01 01 01 01 01 01 00 00 00 01 01
MET_SoftTrk_ResoPara	06 40 1,1 05 00 00 01 03 02 02 01 01 01 01 01 00 00 01 01 45 01 02 00 00 47 49 100 48	19 00 01 01 01 01 01 01 00 00 00 00 00 00
MET_SoftTrk_ResoPerp	29 - 63 - 04 - 02 - 0.1 - 0.1 - 0.3 - 0.1 - 0.2 - 0.3 - 0.2 - 0.2 - 0.2 - 0.1 - 0.1 - 0.1 - 0.1 - 0.4 - 0.0 - 0.0 - 0.1 - 0.1 - 0.1 - 0.1 - 0.1	15 01 00 01 02 00 00 03 02 01 04 03 05 01 02 02 01 04 03 00 01 01 02 02 03 01 02 01 01 04 02 01 05 05 05
MET_SoftTrk_Scale	32 - 31 - 15 - 07 - 00 - 00 - 02 - 05 - 04 - 03 - 01 - 01 - 04 - 01 - 02 - 02 - 02 - 48 - 04 - 03 - 00 - 01 - 48 - 20 - 49 - 45	1000 - 00 • 01 • 00 • 02 • 02 • 00 • 02 • 01 • 00 • 02 • 02
Mu_lso_STAT	-18 * 415 * 02 * 0.1 * 0.0 * 0.0 * 0.1 * 0.0 * 0.0 * 0.0 * 0.0 * 0.0 * 0.1 * 0.0 * 0.0 * 0.0 * 0.4 * 0.1 * 0.0 * 0.0 * 0.0 * 0.5 * 0.0 * 0.0 * 0.1	-0.0 100.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
TES_DETECTOR TAU_PLIV	.02 1.13 1.17 0.7 0.0 0.0 0.1 0.2 0.2 0.2 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	01 00 1000 00 00 02 01 00 01 00 01 00 01 00 01 00 00 00 00
btag_B_0	47, 43, 42, 19, 40, 40, 44, 45, 43, 43, 41, 55, 61, 63, 62, 62, 60, 61, 62, 63, 61, 62, 63, 61, 61, 61, 61, 62, 63, 63, 61, 65, 61, 63, 62, 62, 62, 60, 61, 61, 61, 61, 62, 63, 63, 61, 61, 61, 62, 63, 63, 61, 61, 61, 61, 61, 61, 61, 61, 61, 61	-0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
btag_B_1	23 12 24 11 00 00 02 01 02 01 01 00 00 00 00 01 01 01 00 00 01 01	-02 00 01 01 02 <mark>1000</mark> 00 01 01 01 02 01 02 01 01 02 01 01 00 01 01 01 00 01 01 01 01 00 01 01
btag_B_2	1.1 * 0.8 * 0.7 * 0.3 * 0.0 * 0.1 * 0.1 * 0.1 * 0.1 * 0.0 * 0	00 - 00 - 00 - 01 - 00 <mark>- 1000 -</mark> 00 - 00 - 00 - 00 - 00 - 00 -
btag_B_3	82 ° 24 ° 19 ° 08 ° 00 ° 03 ° 00 ° 43 ° 41 ° 42 ° 40 ° 05 ° 00 ° 03 ° 02 ° 02 ° 24 ° 43 ° 40 ° 40 ° 00 ° 28 ° 00 ° 03 °	-0.2 ° 0.0 ° 0.1 ° 0.1 ° -0.2 ° 0.1 ° -0.0 <mark>° 10000</mark> ° -0.0 ° -0.0 ° -0.0 ° -0.1 ° -0.0 ° -0.4 ° -0.0 ° -0.2 ° -0.0 ° -0.1 ° -0.0 ° -0.0 ° -0.5 ° -0.1 ° -0.0 ° -0.0 ° -0.1 ° -0.0 ° -0.
btag_B_37	65 15 48 43 40 40 40 41 40 41 40 41 40 41 40 42 40 42 41 41 41 41 41 41 41 41 41 41 41 41 41	01 00 00 01 01 01 01 01 00 00 1000 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 02 01 00 04 01 00
btag_C_0	28 37 - 07 - 03 00 00 00 00 01 00 01 00 01 00 00 00 00	00 00 00 00 00 00 01 01 00 00 00 00 00 0
btag_C_5 btag_C_7	430, 22, 14, 05, 00, 00, 03, 01, 03, 00, 03, 00, 05, 00, 03, 02, 02, 28, 03, 00, 00, 00, 34, 01, 01, 04,	02 00 01 01 01 01 02 00 00 01 01 01 1000 01 02 00 01 08 01 03 01 03 00 04 01 00 07 03 00
btag_C_8	145 · 31 · 45 · 07 · 00 · 00 · 03 · 01 · 03 · 00 · 03 · 00 · 05 · 00 · 03 · 02 · 03 · 01 · 05 · 01	02 *-00 *-01 *-01 *-02 *-02 *-03 *-01 *-02 *-01 *-02 *-03 *-03 *-03 *-03 *-03 *-03 *-03 *-03
btag_Light_0	.14 2.0 4.5 4.2 0.0 0.0 0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	ao ° 00 ° 40 ° 01 ° 01 ° 00 ° 00 ° 40 ° 40
eTrigger	65 45 08 04 00 00 02 00 01 00 01 00 01 00 01 00 01	-0.1 0.0 0.0 0.1 -0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0
fakeSF_1p_pt0_b_fake	12 , 35 , 00 , 00 , 01 , 01 , 04 , 01 , 03 , 02 , 01 , 05 , 02 , 03 , 02 , 02 , 14 , 03 , 02 , 01 , 01 , 08 , 00 , 01 , 02 ,	01 . 01 . 00 . 02 . 02 . 02 . 00 . 04 . 03 . 01 . 08 . 04 . 07 . 01 . 03 <mark>. 000 .</mark> 02 . 01 . 02 . 01 . 02 . 11 . 03 . 01 . 18 . 02 . 00
fakeSF_1p_pt0_w_jet_fake_ss	47 - 47 - 07 - 03 - 00 - 00 - 01 - 40 - 01 - 01 - 02 - 00 - 05 - 00 - 03 - 02 - 02 - 27 - 02 - 00 - 40 - 40 - 31 - 01 - 01 - 05	00 00 00 01 01 00 00 00 00 00 01 00 01 00 00
fakeSF_1p_pt1_b_fake	47 - 19 - 00 - 00 - 01 - 01 - 02 - 01 - 02 - 01 - 00 - 03 - 01 - 02 - 01 - 01 - 07 - 01 - 01 - 00 - 00 - 04 - 00 - 01 - 01	01 00 00 01 01 01 01 00 02 01 01 01 03 02 001 01 00 02 00 00 00 00 00 00 00 00 00 00 00
fakeSF_1p_pt1_w_jet_fake_ss fakeSF_3p_pt0_b_fake	12 '19' 00' 00' 00' 01' 01' 02' 01' 01' 01' 02' 01' 01' 01' 01' 01' 02' 01' 01' 01' 01' 01' 01' 01' 01' 01' 01	01 00 00 01 01 01 00 02 01 00 03 02 03 00 01 01 01 00 02 03 00 01 01 01 01 01 00 00 01 05 02 01 00 01 01 00 01 01 00 01 01 00 01 01
fakeSF_3p_pt0_w_jet_fake_ss	44 25 04 02 00 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 00	-0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
₩ FSR	154 <mark>414</mark> 32 44 30 01 46 02 05 01 07 00 46 00 49 06 08 87 08 00 00 00 <mark>104</mark> 02 02 44	02 . 01 . 01 . 03 . 02 . 03 . 01 . 01 . 02 . 01 . 04 . 03 . 05 . 01 . 01 . 11 . 01 . 05 . 04 . 05 . 01 . 1005 . 02 . 01 . 11 . 00 . 00
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∯ PDF	44 * 47 7 * 03 * 0.1 * 0.0 * 0.0 * 0.1 * 40 * 0.0 * 0.0 * 0.0 * 0.1 * 40 * 0.1 * 0.0 * 0.0 * 0.5 * 0.1 * 0.0 * 0.0 * 0.0 * 0.0 * 0.0 * 0.1 *	-0.0 * 0.0 * 0.0 * -0.0 * -0.0 * -0.0 * -0.0 * -0.0 * 0.0 * -0.0 * -0.0 * -0.0 * -0.1 * -0.0 * -0.0 * -0.1 * -0.0 * -0.0 * -0.0 * -0.1 * -0.0
ħ PS	647 284 37 16 01 01 16 08 14 06 01 01 01 03 01 01 01 01 01 01 18 02 04 01 02 40 05 03 05	42 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0
t hdamp	H13 177 04 02 00 01 01 01 01 00 04 00 08 01 05 03 03 42 05 01 00 00 35 02 02 05 05	-03 00 00 01 00 01 00 01 00 01 01 01 01 03 02 03 01 01 01 03 02 03 01 01 02 02 01 03 01 01 00 02 01 30 1000 00
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	Inchesion (Inchesion) Alcohomomy Alcohom	MALEN TALLEN TAL
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