

ATLAS Internal

BTag_Light_0	100.0	-0.1	0.1	0.0	0.1	0.2	1.4	-0.7	0.2	0.8	0.1	0.3	0.2	0.2	0.0	-0.1	0.6	0.6	0.1	0.4	0.6	3.7	10.8	8.8	6.9	5.1	6.0	4.9	5.8	10.3
EG_SCALE_ALL	-0.1	100.0	0.0	0.1	0.2	0.2	0.3	-0.2	0.1	0.3	0.0	0.1	0.0	0.0	0.1	-0.0	-0.0	0.0	0.2	0.1	0.5	0.5	-10.0	-9.0	-8.7	-8.5	-7.3	-4.7	-4.7	-2.4
Electron_Iso_SF_0	0.1	0.0	100.0	0.0	-0.0	-0.0	-0.2	0.1	0.0	-0.1	-0.0	-0.0	-0.1	-0.0	-0.0	-0.0	0.3	-0.1	-0.0	-0.0	-0.1	-0.6	-10.2	-9.0	-9.8	-10.1	-9.9	-9.1	-8.6	-13.3
JET_BJES_Response	0.0	0.1	0.0	100.0	-0.1	-0.1	-0.3	0.1	0.0	-0.2	-0.0	-0.0	0.0	-0.0	0.1	0.2	-0.9	0.2	-0.2	-0.1	0.0	-0.6	-9.2	-9.2	-9.6	-10.2	-9.0	-7.4	-6.2	-5.9
JET_EffectiveNP_Modelling1	0.1	0.2	-0.0	-0.1	100.0	-0.1	-0.6	0.2	0.0	-0.3	-0.0	-0.2	-0.0	-0.0	0.0	0.2	-0.8	-0.2	-0.3	-0.2	0.2	-1.3	-13.6	-12.5	-13.2	-11.2	-10.3	-8.9	-5.4	-4.4
EtaIntercalibration_Modelling	0.2	0.2	-0.0	-0.1	-0.1	100.0	-0.8	0.3	-0.0	-0.5	-0.1	-0.2	-0.1	-0.1	0.1	0.1	-1.1	0.1	-0.3	-0.2	0.1	-2.0	-10.4	-10.7	-10.3	-10.0	-7.9	-5.2	-5.2	-5.9
JET_Flavor_Composition	1.4	0.3	-0.2	-0.3	-0.6	-0.8	100.0	1.7	-0.6	-2.4	-0.3	-0.7	-0.4	-0.5	0.1	0.5	-3.1	-0.2	-0.5	-1.4	-0.2	-9.5	-10.2	-8.9	-10.3	-6.8	-7.1	-5.1	-2.7	-20.5
JET_Flavor_Response	-0.7	-0.2	0.1	0.1	0.2	0.3	1.7	100.0	0.2	1.0	0.2	0.6	0.2	0.2	-0.1	-0.2	1.4	0.3	0.2	0.5	0.3	4.2	11.2	9.8	9.7	7.2	7.0	4.4	2.4	5.4
JET_Pileup_OffsetNPV	0.2	0.1	0.0	0.0	0.0	-0.0	-0.6	0.2	100.0	-0.3	-0.0	-0.1	-0.1	-0.1	0.1	0.1	-0.9	-0.1	0.1	-0.2	0.6	-1.6	-10.1	-8.7	-9.8	-9.0	-7.5	-7.1	-4.8	-5.5
JET_Pileup_RhoTopology	0.8	0.3	-0.1	-0.2	-0.3	-0.5	-2.4	1.0	-0.3	100.0	-0.2	-0.6	-0.2	-0.3	0.1	0.5	-2.3	-0.1	-0.3	-0.8	0.3	-5.8	-24.3	-22.0	-24.4	-20.6	-18.6	-13.9	-10.1	-21.7
Luminosity	0.1	0.0	-0.0	-0.0	-0.0	-0.1	-0.3	0.2	-0.0	-0.2	100.0	-0.1	-0.0	-0.0	-0.1	0.0	-0.1	0.0	-0.0	-0.1	0.1	-0.9	-11.7	-10.4	-10.8	-10.4	-9.3	8.0	-7.2	-13.7
PileupRW	0.3	0.1	-0.0	-0.0	-0.2	-0.2	-0.7	0.6	-0.1	-0.6	-0.1	100.0	-0.1	-0.1	0.1	0.2	-1.1	-2.2	-0.4	-0.3	-0.1	-2.1	3.8	6.3	2.9	7.4	6.8	10.5	0.8	22.0
Photon_ID	0.2	0.0	-0.1	0.0	-0.0	-0.1	-0.4	0.2	-0.1	-0.2	-0.0	-0.1	100.0	-0.1	-0.1	-0.1	0.8	-0.1	0.0	-0.0	0.0	-1.2	-9.2	-7.7	-8.3	-8.1	-7.4	-7.2	-6.7	-29.0
Photon_effIso	0.2	0.0	-0.0	-0.0	-0.0	-0.1	-0.5	0.2	-0.1	-0.3	-0.0	-0.1	-0.1	100.0	-0.0	0.0	0.3	0.0	0.0	-0.1	0.2	-1.3	-15.2	-13.3	-13.8	-13.6	-12.2	-11.0	-10.1	-27.9
hfakeSF	0.0	0.1	-0.0	0.1	0.0	0.1	0.1	-0.1	0.1	0.1	-0.1	0.1	-0.1	-0.0	100.0	-0.0	0.6	-0.4	-0.1	0.1	0.0	-0.0	-28.5	-27.7	-22.1	-20.8	-17.9	-11.1	-7.9	-8.9
tty_dec_Herwig7	-0.1	-0.0	-0.0	0.2	0.2	0.1	0.5	-0.2	0.1	0.5	0.0	0.2	-0.1	0.0	-0.0	100.0	1.2	-0.2	0.2	0.2	-0.2	1.0	18.0	19.4	21.0	21.3	18.2	14.7	7.9	42.3
tty_dec_muF	0.6	-0.0	0.3	-0.9	-0.8	-1.1	-3.1	1.4	-0.9	-2.3	-0.1	-1.1	0.8	0.3	0.6	1.2	100.0	1.4	-1.0	-1.0	1.8	-5.6	-0.6	-0.7	1.9	5.3	8.1	8.0	10.7	3.1
tty_prod_Herwig7	0.6	0.0	-0.1	0.2	-0.2	0.1	-0.2	0.3	-0.1	-0.1	0.0	-2.2	-0.1	0.0	-0.4	-0.2	1.4	100.0	-3.1	-0.7	0.0	0.6	0.4	-19.1	-23.5	-18.5	-27.6	-22.5	-1.7	9.5
tty_prod_var3c	0.1	0.2	-0.0	-0.2	-0.3	-0.3	-0.5	0.2	0.1	-0.3	-0.0	-0.4	0.0	0.0	-0.1	0.2	-1.0	-3.1	100.0	-0.3	-0.1	-0.9	-2.0	-13.6	3.2	-2.2	8.3	3.1	6.3	6.2
uncalib_ljet	0.4	0.1	-0.0	-0.1	-0.2	-0.2	-1.4	0.5	-0.2	-0.8	-0.1	-0.3	-0.0	-0.1	0.1	0.2	-1.0	-0.7	-0.3	100.0	0.7	-2.8	-17.8	-13.2	-8.8	-8.8	-8.8	-4.7	-4.4	-10.2
Wty Norm	0.6	0.5	-0.1	0.0	0.2	0.1	-0.2	0.3	0.6	0.3	0.1	-0.1	0.0	0.2	0.0	-0.2	1.8	0.0	-0.1	0.7	100.0	-3.4	-23.3	-22.0	-20.0	-16.3	-12.9	-10.0	-6.9	-30.3
Zty Norm	3.7	0.5	-0.6	-0.6	-1.3	-2.0	-9.5	4.2	-1.6	-5.8	-0.9	-2.1	-1.2	-1.3	-0.0	1.0	-5.6	0.6	-0.9	-2.8	-3.4	100.0	-12.1	-8.4	-0.4	2.8	6.7	4.4	2.2	-23.3
ty_dEtaUnfolded Truth Bin 1	10.8	-10.0	-10.2	-9.2	-13.6	-10.4	-10.2	11.2	-10.1	-24.3	-11.7	3.8	-9.2	-15.2	-28.5	18.0	-0.6	0.4	-2.0	-17.8	-23.3	-12.1	100.0	50.2	45.5	41.0	34.6	25.7	19.7	40.3
ty_dEtaUnfolded Truth Bin 2	8.8	-9.0	-9.0	-9.2	-12.5	-10.7	-8.9	9.8	-8.7	-22.0	-10.4	6.3	-7.7	-13.3	-27.7	19.4	-0.7	-19.1	-13.6	-13.2	-22.0	-8.4	50.2	100.0	47.8	43.9	37.8	29.0	18.3	32.6
ty_dEtaUnfolded Truth Bin 3	6.9	-8.7	-9.8	-9.6	-13.2	-10.3	-10.3	9.7	-9.8	-24.4	-10.8	2.9	-8.3	-13.8	-22.1	21.0	1.9	-23.5	3.2	-8.8	-20.0	-0.4	45.5	47.8	100.0	42.7	39.6	30.1	19.4	30.5
ty_dEtaUnfolded Truth Bin 4	5.1	-8.5	-10.1	-10.2	-11.2	-10.0	-6.8	7.2	-9.0	-20.6	-10.4	7.4	-8.1	-13.6	-20.8	21.3	5.3	-18.5	-2.2	-8.8	-16.3	2.8	41.0	43.9	42.7	100.0	36.2	28.0	18.1	27.2
ty_dEtaUnfolded Truth Bin 5	6.0	-7.3	-9.9	-9.0	-10.3	-7.9	-7.1	7.0	-7.5	-18.6	-9.3	6.8	-7.4	-12.2	-17.9	18.2	8.1	-27.6	8.3	-8.8	-12.9	6.7	34.6	37.8	39.6	36.2	100.0	27.6	17.3	23.1
ty_dEtaUnfolded Truth Bin 6	4.9	-4.7	-9.1	-7.4	-8.9	-5.2	-5.1	4.4	-7.1	-13.9	-8.0	10.5	-7.2	-11.0	-11.1	14.7	8.0	-22.5	3.1	-4.7	-10.0	4.4	25.7	29.0	30.1	28.0	27.6	100.0	13.3	20.1
ty_dEtaUnfolded Truth Bin 7	5.8	-4.7	-8.6	-6.2	-5.4	-5.2	-2.7	2.4	-4.8	-10.1	-7.2	0.8	-6.7	-10.1	-7.9	7.9	10.7	-1.7	6.3	-4.4	-6.9	2.2	19.7	18.3	19.4	18.1	17.3	13.3	100.0	15.5
Norm factor for tty dec	10.3	-2.4	-13.3	-5.9	-4.4	-5.9	-20.5	5.4	-5.5	-21.7	-13.7	22.0	-29.0	-27.9	-8.9	42.3	3.1	9.5	6.2	-10.2	-30.3	-23.3	40.3	32.6	30.5	27.2	23.1	20.1	15.5	100.0