

ATLAS Internal

	BTag_B_0	100.0	-0.0	-0.0	0.1	0.2	0.1	0.1	-0.1	0.1	0.3	0.0	-0.1	0.0	0.5	-0.8	-3.9	1.3	0.2	0.0	-0.1	-0.1	10.1	9.0	10.5	9.7	7.9	6.1
	EG_SCALE_ALL	-0.0	100.0	0.0	-0.1	-0.1	0.0	0.1	-0.1	-0.1	-0.0	0.0	0.1	0.1	0.2	1.8	-1.1	-1.5	-0.4	0.3	0.2	0.4	-1.0	-3.2	-4.3	-7.2	-9.1	-22.9
	Electron_Iso_SF_0	-0.0	0.0	100.0	0.0	0.0	-0.0	-0.2	0.0	0.0	-0.1	-0.0	0.0	-0.0	0.0	0.2	-0.1	0.1	-0.2	-0.5	-0.1	-0.2	-9.7	-9.2	-9.9	-11.9	-11.0	-9.0
	JET_BJES_Response	0.1	-0.1	0.0	100.0	-0.2	-0.1	0.2	-0.0	-0.1	-0.3	0.0	0.1	0.0	-0.4	0.9	5.0	-2.0	-0.4	1.0	0.2	0.4	-10.6	-10.2	-10.8	-10.1	-7.1	-6.1
	JET_EffectiveNP_Modelling1	0.2	-0.1	0.0	-0.2	100.0	-0.3	-0.1	0.3	-0.2	-0.5	-0.0	0.1	0.0	-0.8	1.5	9.0	-2.7	-1.1	-0.7	0.2	0.3	-14.3	-13.3	-14.1	-12.6	-7.8	-7.5
	ET_EtaIntercalibration_Modelling	0.1	0.0	-0.0	-0.1	-0.3	100.0	-0.3	0.3	-0.2	-0.4	-0.0	0.1	-0.0	-0.6	1.1	5.8	-1.4	-0.9	-1.1	0.0	-0.1	-11.9	-10.9	-11.4	-10.7	-7.0	-5.8
	JET_Flavor_Composition	0.1	0.1	-0.2	0.2	-0.1	-0.3	100.0	0.6	-0.2	-0.8	-0.2	-0.4	-0.3	-0.2	1.3	-3.2	1.6	-1.0	-3.9	-1.8	-3.1	-13.9	-12.0	-13.2	-11.9	-8.0	-4.5
	JET_Flavor_Response	-0.1	-0.1	0.0	-0.0	0.3	0.3	0.6	100.0	0.1	0.4	0.1	-0.1	0.0	0.5	-1.5	-4.8	1.4	1.0	2.4	0.2	0.5	11.3	10.4	11.6	10.0	7.3	5.0
	JET_Pileup_OffsetNPV	0.1	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	0.1	100.0	-0.4	-0.0	0.1	0.0	-0.4	0.9	5.1	-1.5	-0.8	-0.6	0.0	-0.0	-10.5	-9.4	-10.8	-9.7	-7.1	-4.8
	JET_Pileup_RhoTopology	0.3	-0.0	-0.1	-0.3	-0.5	-0.4	-0.8	0.4	-0.4	100.0	-0.1	0.0	-0.1	-1.0	2.8	7.5	-1.8	-1.9	-1.6	-0.7	-1.1	-26.0	-24.4	-26.2	-25.1	-17.0	-12.2
	Luminosity	0.0	0.0	-0.0	0.0	-0.0	-0.2	0.1	-0.0	-0.1	100.0	0.0	-0.0	0.1	0.5	0.1	0.0	-0.3	-0.6	-0.2	-0.2	-10.2	-9.8	-10.8	-12.4	-11.7	-9.7	
	Photon_ID	-0.1	0.1	0.0	0.1	0.1	-0.4	-0.1	0.1	0.0	0.0	100.0	0.0	0.3	-0.2	-1.0	0.3	0.1	-0.5	0.1	-0.2	-22.1	-12.3	-10.4	-9.4	-6.4	-5.9	
	Photon_effIso	0.0	0.1	-0.0	0.0	0.0	-0.0	-0.3	0.0	0.0	-0.1	-0.0	0.0	100.0	-0.0	0.6	-0.6	0.6	-0.2	-0.8	-0.0	-0.3	-19.6	-17.6	-15.3	-17.0	-9.6	-11.2
	hfakeSF_	0.5	0.2	0.0	-0.4	-0.8	-0.6	-0.2	0.5	-0.4	-1.0	0.1	0.3	-0.0	100.0	2.4	17.0	-3.2	-2.0	-0.9	0.5	0.5	-27.3	-20.0	-24.7	-23.3	-18.5	-14.1
	tty_dec_Herwig7	-0.8	1.8	0.2	0.9	1.5	1.1	1.3	-1.5	0.9	2.8	0.5	-0.2	0.6	2.4	100.0	33.2	21.0	15.7	12.5	2.4	4.3	-25.3	-33.0	-27.0	-28.6	-11.2	-5.1
	tty(dec) Norm	-3.9	-1.1	-0.1	5.0	9.0	5.8	-3.2	-4.8	5.1	7.5	0.1	-1.0	-0.6	17.0	33.2	100.0	59.6	3.6	-4.8	-10.0	-11.1	-74.1	-74.9	-64.1	-57.6	-12.6	6.3
	tty_prod_Herwig7	1.3	-1.5	0.1	-2.0	-2.7	-1.4	1.6	1.4	-1.5	-1.8	0.0	0.3	0.6	-3.2	21.0	59.6	100.0	-1.9	-5.4	3.2	3.9	-44.4	-54.2	-41.1	-44.4	-5.0	14.5
	tty_prod_var3c	0.2	-0.4	-0.2	-0.4	-1.1	-0.9	-1.0	1.0	-0.8	-1.9	-0.3	0.1	-0.2	-2.0	15.7	3.6	-1.9	100.0	-7.8	-0.5	-2.3	6.9	-4.9	-1.0	4.6	-4.4	7.7
	uncalib_ljet	0.0	0.3	-0.5	1.0	-0.7	-1.1	-3.9	2.4	-0.6	-1.6	-0.6	-0.5	-0.8	-0.9	12.5	-4.8	-5.4	-7.8	100.0	-5.6	-8.2	3.0	1.5	0.0	-8.5	-9.6	-21.0
	Wty Norm	-0.1	0.2	-0.1	0.2	0.2	0.0	-1.8	0.2	0.0	-0.7	-0.2	0.1	-0.0	0.5	2.4	-10.0	3.2	-0.5	-5.6	100.0	-2.8	-12.7	-17.3	-20.1	-27.0	-27.7	-23.8
	Zty Norm	-0.1	0.4	-0.2	0.4	0.3	-0.1	-3.1	0.5	-0.0	-1.1	-0.2	-0.2	-0.3	0.5	4.3	-11.1	3.9	-2.3	-8.2	-2.8	100.0	-14.6	-7.8	-12.6	-9.6	-13.1	-9.0
	pt_all_syst Unfolded Truth Bin 1	10.1	-1.0	-9.7	-10.6	-14.3	-11.9	-13.9	11.3	-10.5	-26.0	-10.2	-22.1	-19.6	-27.3	-25.3	-74.1	-44.4	6.9	3.0	-12.7	-14.6	100.0	86.3	82.8	78.2	38.3	20.6
	pt_all_syst Unfolded Truth Bin 2	9.0	-3.2	-9.2	-10.2	-13.3	-10.9	-12.0	10.4	-9.4	-24.4	-9.8	-12.3	-17.6	-20.0	-33.0	-74.9	-54.2	-4.9	1.5	-17.3	-7.8	86.3	100.0	78.8	76.8	36.2	16.8
	pt_all_syst Unfolded Truth Bin 3	10.5	-4.3	-9.9	-10.8	-14.1	-11.4	-13.2	11.6	-10.8	-26.2	-10.8	-10.4	-15.3	-24.7	-27.0	-64.1	-41.1	-1.0	0.0	-20.1	-12.6	82.8	78.8	100.0	72.8	39.2	22.3
	pt_all_syst Unfolded Truth Bin 4	9.7	-7.2	-11.9	-10.1	-12.6	-10.7	-11.9	10.0	-9.7	-25.1	-12.4	-9.4	-17.0	-23.3	-28.6	-57.6	-44.4	4.6	-8.5	-27.0	-9.6	78.2	76.8	72.8	100.0	39.3	25.8
	pt_all_syst Unfolded Truth Bin 5	7.9	-9.1	-11.0	-7.1	-7.8	-7.0	-8.0	7.3	-7.1	-17.0	-11.7	-6.4	-9.6	-18.5	-11.2	-12.6	-5.0	-4.4	-9.6	-27.7	-13.1	38.3	36.2	39.2	39.3	100.0	25.3
	pt_all_syst Unfolded Truth Bin 6	5.1	-22.9	-9.0	-6.1	-7.5	-5.8	-4.5	5.0	-4.8	-12.2	-9.7	-5.9	-11.2	-14.1	-5.1	6.3	14.5	7.7	-21.0	-23.8	-9.0	20.6	16.8	22.3	25.8	25.3	100.0
	BTag_B_0																											
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	JET_EffectiveNP_Modelling1																											
	JET_EtaIntercalibration_Modelling																											
	JET_Flavor_Composition																											
	JET_Flavor_Response																											
	JET_Pileup_OffsetNPV																											
	JET_Pileup_RhoTopology																											
	Luminosity																											
	Photon_ID																											
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	tty_dec_Herwig7																											
	tty(dec) Norm																											
	tty_prod_Herwig7																											
	tty_prod_var3c																											
	uncalib_ljet																											
	Wty Norm																											
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