

ATLAS Internal

EG_SCALE_ALL	100.0	0.3	1.6	1.1	-0.3	1.0	0.8	-1.0	-1.1	-0.5	1.0	8.3	0.5	1.6	0.4	-0.4	-0.9	-1.2	-1.6	-0.2	-2.6	-0.9	-2.2	-3.0	-4.4	-7.4	-10.0	-8.7	-15.6	-20.0	-28.5
JET_EffectiveNP_Modelling1	0.3	100.0	-5.0	-4.5	-0.4	0.0	0.3	-1.8	-4.4	-0.3	0.4	-0.7	-0.6	-2.1	-0.3	-1.1	-1.7	-0.6	-3.2	-1.6	1.0	-16.0	-14.8	-13.0	-11.0	-9.4	-7.1	-5.1	-4.3	-3.8	-1.6
JET_Flavor_Composition	1.6	-5.0	100.0	-12.7	-1.0	1.2	0.6	-4.5	-5.4	0.0	2.7	-7.6	6.5	-12.4	-2.3	-2.8	0.8	-1.4	-10.5	-5.3	-20.9	-7.8	-8.6	-11.1	-10.2	-9.5	-11.3	-10.7	-6.2	-2.9	-1.2
JET_Pileup_RhoTopology	1.1	-4.5	-12.7	100.0	-1.4	0.4	0.9	-1.8	-3.9	0.7	-1.0	0.2	-0.6	-5.4	-1.4	-2.3	1.7	0.3	-8.1	-1.1	-18.9	-28.6	-25.8	-24.3	-24.0	-22.0	-18.7	-18.0	-15.8	-12.7	-9.6
PileupRW	-0.3	-0.4	-1.0	-1.4	100.0	1.2	1.8	-1.7	-7.0	0.1	-4.5	4.8	-1.2	0.2	1.1	1.3	2.6	-1.9	-0.8	-2.4	21.5	6.6	6.6	6.0	12.1	5.3	7.2	5.4	9.2	8.1	3.5
Photon_ID	1.0	0.0	1.2	0.4	1.2	100.0	-2.6	2.4	-2.4	-0.7	0.1	-14.3	-2.2	3.0	-0.2	0.7	-3.8	2.3	2.0	1.0	-27.0	-28.2	-16.3	-12.2	-14.5	-13.2	-10.8	-10.4	-10.2	-10.1	-7.9
Photon_effiso	0.8	0.3	0.6	0.9	1.8	-2.6	100.0	-2.8	-2.0	-0.3	4.0	-7.7	-1.9	-1.1	-1.0	-1.2	-4.1	2.5	2.6	1.9	-27.9	-20.0	-14.9	-16.1	-15.3	-16.1	-13.8	-10.2	-9.4	-9.5	-15.9
efakeSF	-1.0	-1.8	-4.5	-1.8	-1.7	2.4	-2.8	100.0	-51.9	-2.5	15.3	14.4	-11.7	4.4	2.6	1.4	4.2	-0.1	-4.7	-5.1	13.0	19.3	16.0	17.8	13.9	10.8	10.2	8.5	10.2	12.0	8.2
hfakeSF	-1.1	-4.4	-5.4	-3.9	-7.0	-2.4	-2.0	-51.9	100.0	-6.3	8.5	0.4	-16.3	4.3	5.6	5.4	-3.8	0.4	-1.3	-7.9	2.4	-15.4	-4.4	-14.5	-7.5	-0.1	-0.6	-1.0	2.6	-2.6	-1.1
ttbar Norm	-0.5	-0.3	0.0	0.7	0.1	-0.7	-0.3	-2.5	-6.3	100.0	7.6	0.3	-0.6	0.9	1.5	0.9	-0.3	-0.3	1.6	-2.2	0.5	-22.8	-0.2	2.2	2.5	2.0	1.4	1.6	0.4	0.9	0.1
ttbar_pt_hard	1.0	0.4	2.7	-1.0	-4.5	0.1	4.0	15.3	8.5	7.6	100.0	-10.6	-10.2	6.8	2.7	5.5	6.4	0.7	-6.4	6.2	-15.2	-0.4	-2.5	-6.2	-8.1	-9.2	-6.5	-7.6	-6.2	-7.1	-8.3
tty_dec_Herwig7	8.3	-0.7	-7.6	0.2	4.8	-14.3	-7.7	14.4	0.4	0.3	-10.6	100.0	0.7	-2.5	0.7	2.8	20.4	1.8	-6.1	-15.7	48.0	-6.3	15.2	22.9	25.2	20.2	11.6	4.9	-2.9	-8.5	-18.5
tty_prod_Herwig7	0.5	-0.6	6.5	-0.6	-1.2	-2.2	-1.9	-11.7	-16.3	-0.6	-10.2	0.7	100.0	4.0	-1.9	-4.0	-23.6	1.5	-3.7	4.4	14.7	-18.7	-25.6	-7.6	-11.0	-9.0	-16.6	8.2	5.2	-2.4	20.4
tty_prod_var3c	1.6	-2.1	-12.4	-5.4	0.2	3.0	-1.1	4.4	4.3	0.9	6.8	-2.5	4.0	100.0	-1.4	-0.4	14.4	-0.7	6.2	-3.4	18.0	-0.2	3.4	9.2	7.9	1.2	-6.6	17.3	22.0	-1.8	11.4
uncalib_bjet	0.4	-0.3	-2.3	-1.4	1.1	-0.2	-1.0	2.6	5.6	1.5	2.7	0.7	-1.9	-1.4	100.0	-5.7	-32.9	-0.5	-4.7	2.6	3.1	1.6	3.6	5.0	3.2	5.8	4.6	3.3	4.9	4.7	-2.0
uncalib_cjet	-0.4	-1.1	-2.8	-2.3	1.3	0.7	-1.2	1.4	5.4	0.9	5.5	2.8	-4.0	-0.4	-5.7	100.0	-23.4	-0.8	-9.5	-0.8	5.4	-3.1	-1.6	-2.4	-1.9	-2.0	0.1	-4.0	-1.5	-5.8	-11.7
uncalib_ljet	-0.9	-1.7	0.8	1.7	2.6	-3.8	-4.1	4.2	-3.8	-0.3	6.4	20.4	-23.6	14.4	-32.9	-23.4	100.0	-7.2	-14.3	-17.2	9.1	-8.9	-7.4	-9.2	-11.3	-12.1	-13.8	-17.3	-21.8	-25.7	-41.3
Wty Norm	-1.2	-0.6	-1.4	0.3	-1.9	2.3	2.5	-0.1	0.4	-0.3	0.7	1.8	1.5	-0.7	-0.5	-0.8	-7.2	100.0	-9.8	-12.1	-33.9	-13.3	-21.6	-23.5	-26.4	-25.6	-26.3	-26.4	-27.8	-27.1	-22.0
Wty Norm	-1.6	-3.2	-10.5	-8.1	-0.8	2.0	2.6	-4.7	-1.3	1.6	-6.4	-6.1	-3.7	6.2	-4.7	-9.5	-14.3	-9.8	100.0	-11.9	10.3	19.3	18.3	13.3	18.1	16.9	18.3	16.6	19.1	18.4	18.8
Zty Norm	-0.2	-1.6	-5.3	-1.1	-2.4	1.0	1.9	-5.1	-7.9	-2.2	6.2	-15.7	4.4	-3.4	2.6	-0.8	-17.2	-12.1	-11.9	100.0	-30.2	0.3	-9.2	1.2	-3.2	-5.9	1.6	-3.8	-4.2	-2.8	0.4
Norm factor for tty dec	-2.6	1.0	-20.9	-18.9	21.5	-27.0	-27.9	13.0	2.4	0.5	-15.2	48.0	14.7	18.0	3.1	5.4	9.1	-33.9	10.3	-30.2	100.0	10.3	26.0	34.1	40.5	38.7	32.1	38.5	37.7	29.3	28.4
tty_pt Unfolded Truth Bin 1	-0.9	-16.0	-7.8	-28.6	6.6	-28.2	-20.0	19.3	-15.4	-22.8	-0.4	-6.3	-18.7	-0.2	1.6	-3.1	-8.9	-13.3	19.3	0.3	10.3	100.0	73.6	59.6	55.5	48.3	42.2	35.7	34.0	35.9	29.4
tty_pt Unfolded Truth Bin 2	-2.2	-14.8	-8.6	-25.8	6.6	-16.3	-14.9	16.0	-4.4	-0.2	-2.5	15.2	-25.6	3.4	3.6	-1.6	-7.4	-21.6	18.3	-9.2	26.0	73.6	100.0	62.7	62.6	55.2	47.1	40.5	37.8	38.2	29.9
tty_pt Unfolded Truth Bin 3	-3.0	-13.0	-11.1	-24.3	6.0	-12.2	-16.1	17.8	-14.5	2.2	-6.2	22.9	-7.6	9.2	5.0	-2.4	-9.2	-23.5	13.3	1.2	34.1	59.6	62.7	100.0	55.3	50.9	42.4	40.4	36.8	34.7	30.7
tty_pt Unfolded Truth Bin 4	-4.4	-11.0	-10.2	-24.0	12.1	-14.5	-15.3	13.9	-7.5	2.5	-8.1	25.2	-11.0	7.9	3.2	-1.9	-11.3	-26.4	18.1	-3.2	40.5	55.5	62.6	55.3	100.0	49.7	46.1	42.2	41.1	38.8	33.0
tty_pt Unfolded Truth Bin 5	-7.4	-9.4	-9.5	-22.0	5.3	-13.2	-16.1	10.8	-0.1	2.0	-9.2	20.2	-9.0	1.2	5.8	-2.0	-12.1	-25.6	16.9	-5.9	38.7	48.3	55.2	50.9	49.7	100.0	38.4	40.2	40.1	39.1	33.1
tty_pt Unfolded Truth Bin 6	-10.0	-7.1	-11.3	-18.7	7.2	-10.8	-13.8	10.2	-0.6	1.4	-6.5	11.6	-16.6	-6.6	4.6	0.1	-13.8	-26.3	18.3	1.6	32.1	42.2	47.1	42.4	46.1	38.4	100.0	29.1	35.8	37.5	30.8
tty_pt Unfolded Truth Bin 7	-8.7	-5.1	-10.7	-18.0	5.4	-10.4	-10.2	8.5	-1.0	1.6	-7.6	4.9	8.2	17.3	3.3	-4.0	-17.3	-26.4	16.6	-3.8	38.5	35.7	40.5	40.4	42.2	40.2	29.1	100.0	38.7	38.1	41.5
tty_pt Unfolded Truth Bin 8	-15.6	-4.3	-6.2	-15.8	9.2	-10.2	-9.4	10.2	2.6	0.4	-6.2	-2.9	5.2	22.0	4.9	-1.5	-21.8	-27.8	19.1	-4.2	37.7	34.0	37.8	36.8	41.1	40.1	35.8	38.7	100.0	41.0	48.0
tty_pt Unfolded Truth Bin 9	-20.0	-3.8	-2.9	-12.7	8.1	-10.1	-9.5	12.0	-2.6	0.9	-7.1	-8.5	-2.4	-1.8	4.7	-5.8	-25.7	-27.1	18.4	-2.8	29.3	35.9	38.2	34.7	38.8	39.1	37.5	38.1	41.0	100.0	45.8
tty_pt Unfolded Truth Bin 10	-28.5	-1.6	-1.2	-9.6	3.5	-7.9	-15.9	8.2	-1.1	0.1	-8.3	-18.5	20.4	11.4	-2.0	-11.7	-41.3	-22.0	18.8	0.4	28.4	29.4	29.9	30.7	33.0	33.1	30.8	41.5	48.0	45.8	100.0
EG_SCALE_ALL	JET_EffectiveNP_Modelling1	JET_Flavor_Composition	JET_Pileup_RhoTopology	PileupRW	Photon_ID	Photon_effiso	efakeSF	hfakeSF	ttbar Norm	ttbar_pt_hard	tty_dec_Herwig7	tty_prod_Herwig7	tty_prod_var3c	uncalib_bjet	uncalib_cjet	uncalib_ljet	Wty Norm	Wty Norm	Zty Norm	Norm factor for tty dec	tty_pt Unfolded Truth Bin 1	tty_pt Unfolded Truth Bin 2	tty_pt Unfolded Truth Bin 3	tty_pt Unfolded Truth Bin 4	tty_pt Unfolded Truth Bin 5	tty_pt Unfolded Truth Bin 6	tty_pt Unfolded Truth Bin 7	tty_pt Unfolded Truth Bin 8	tty_pt Unfolded Truth Bin 9	tty_pt Unfolded Truth Bin 10	