

**ATLAS** Internal

JET_Flavor_Composition	100.0	-7.9	-2.0	3.0	-9.3	0.1	-4.5	-4.8	-0.1	-2.9	1.6	0.5	-0.2	-3.6	-15.0	-9.9	-23.7	-23.1	-23.7	-24.4	-23.5	-22.1	-20.0	-16.4
JET_Pileup_RhoTopology	-7.9	100.0	-1.6	6.6	-14.2	2.4	-4.7	-4.5	-1.0	0.1	2.7	2.0	1.8	0.3	-11.4	-7.9	-28.3	-28.6	-28.5	-29.0	-28.0	-28.1	-25.2	-20.3
Photon_ID	-2.0	-1.6	100.0	-4.9	-2.5	-0.2	4.0	-22.7	-2.3	-3.3	0.8	3.1	-0.3	-2.2	-4.5	-2.8	6.1	5.8	6.1	7.3	6.9	6.8	7.1	2.7
efakeSF_	3.0	6.6	-4.9	100.0	-24.2	7.8	23.4	-9.3	-26.9	-1.9	0.1	2.4	-4.4	-31.7	3.2	-3.0	-4.7	-3.5	-1.7	-5.1	-2.9	-6.2	-1.8	5.7
hfakeSF_	-9.3	-14.2	-2.5	-24.2	100.0	16.7	-1.8	-10.3	-21.7	20.5	6.3	1.6	2.8	-6.2	0.2	-6.3	11.7	12.9	10.8	9.8	8.0	7.8	-12.2	-31.0
ttbar_pt_hard	0.1	2.4	-0.2	7.8	16.7	100.0	-4.5	-16.7	10.9	4.1	-4.7	-3.5	-1.5	3.7	-6.0	-2.3	6.4	6.1	5.7	6.2	7.4	7.6	5.0	5.8
tty_dec_Herwig7	-4.5	-4.7	4.0	23.4	-1.8	-4.5	100.0	33.7	6.9	8.8	-2.5	-9.3	0.3	7.1	-7.0	-4.8	-12.3	-11.5	-9.7	-8.9	-5.0	-8.7	-7.0	-1.6
tty(dec) Norm	-4.8	-4.5	-22.7	-9.3	-10.3	-16.7	33.7	100.0	-1.0	-3.4	0.7	36.2	15.2	54.0	-7.8	-11.9	-52.7	-51.8	-51.4	-50.4	-50.0	-48.8	-45.7	-35.4
tty_prod_Herwig7	-0.1	-1.0	-2.3	-26.9	-21.7	10.9	6.9	-1.0	100.0	-8.3	4.0	-0.3	-1.6	-9.2	-0.7	5.5	13.8	11.4	11.3	15.2	14.3	15.0	20.0	28.0
tty_prod_muF	-2.9	0.1	-3.3	-1.9	20.5	4.1	8.8	-3.4	-8.3	100.0	15.4	1.4	0.4	0.3	-8.7	-2.6	2.3	3.6	3.1	2.4	3.1	2.5	0.0	1.1
tty_prod_muR	1.6	2.7	0.8	0.1	6.3	-4.7	-2.5	0.7	4.0	15.4	100.0	-0.6	-1.7	-1.9	-0.7	4.2	-6.8	-5.9	-4.5	-6.4	-7.3	-6.1	-8.0	-16.0
tty_prod_var3c	0.5	2.0	3.1	2.4	1.6	-3.5	-9.3	36.2	-0.3	1.4	-0.6	100.0	-2.4	-1.2	-0.7	-2.0	-19.8	-20.4	-19.6	-19.5	-21.6	-17.1	-18.8	-15.2
highpt_uncalib_cjet	-0.2	1.8	-0.3	-4.4	2.8	-1.5	0.3	15.2	-1.6	0.4	-1.7	-2.4	100.0	-15.7	-4.9	-1.1	-10.2	-10.7	-10.2	-10.2	-9.6	-8.7	-9.4	-7.0
highpt_uncalib_ljet	-3.6	0.3	-2.2	-31.7	-6.2	3.7	7.1	54.0	-9.2	0.3	-1.9	-1.2	-15.7	100.0	-17.9	-7.5	-24.7	-24.7	-25.2	-24.4	-22.9	-22.1	-22.0	-17.0
W $\gamma$ Norm	-15.0	-11.4	-4.5	3.2	0.2	-6.0	-7.0	-7.8	-0.7	-8.7	-0.7	-0.7	-4.9	-17.9	100.0	-17.9	29.0	28.2	28.4	29.8	28.7	24.2	25.5	24.8
Z $\gamma$ Norm	-9.9	-7.9	-2.8	-3.0	-6.3	-2.3	-4.8	-11.9	5.5	-2.6	4.2	-2.0	-1.1	-7.5	-17.9	100.0	25.0	23.5	24.1	22.0	24.4	29.0	26.8	18.0
tty_eta Unfolded Truth Bin 1	-23.7	-28.3	6.1	-4.7	11.7	6.4	-12.3	-52.7	13.8	2.3	-6.8	-19.8	-10.2	-24.7	29.0	25.0	100.0	91.8	92.3	91.8	90.8	89.6	87.8	77.7
tty_eta Unfolded Truth Bin 2	-23.1	-28.6	5.8	-3.5	12.9	6.1	-11.5	-51.8	11.4	3.6	-5.9	-20.4	-10.7	-24.7	28.2	23.5	91.8	100.0	91.3	91.5	90.3	88.7	87.3	76.2
tty_eta Unfolded Truth Bin 3	-23.7	-28.5	6.1	-1.7	10.8	5.7	-9.7	-51.4	11.3	3.1	-4.5	-19.6	-10.2	-25.2	28.4	24.1	92.3	91.3	100.0	90.6	90.5	89.2	87.7	77.4
tty_eta Unfolded Truth Bin 4	-24.4	-29.0	7.3	-5.1	9.8	6.2	-8.9	-50.4	15.2	2.4	-6.4	-19.5	-10.2	-24.4	29.8	22.0	91.8	91.5	90.6	100.0	89.9	89.2	88.0	78.5
tty_eta Unfolded Truth Bin 5	-23.5	-28.0	6.9	-2.9	8.0	7.4	-5.0	-50.0	14.3	3.1	-7.3	-21.6	-9.6	-22.9	28.7	24.4	90.8	90.3	90.5	89.9	100.0	88.4	88.2	79.8
tty_eta Unfolded Truth Bin 6	-22.1	-28.1	6.8	-6.2	7.8	7.6	-8.7	-48.8	15.0	2.5	-6.1	-17.1	-8.7	-22.1	24.2	29.0	89.6	88.7	89.2	89.2	88.4	100.0	86.9	79.2
tty_eta Unfolded Truth Bin 7	-20.0	-25.2	7.1	-1.8	-12.2	5.0	-7.0	-45.7	20.0	0.0	-8.0	-18.8	-9.4	-22.0	25.5	26.8	87.8	87.3	87.7	88.0	88.2	86.9	100.0	86.7
tty_eta Unfolded Truth Bin 8	-16.4	-20.3	2.7	5.7	-31.0	5.8	-1.6	-35.4	28.0	1.1	-16.0	-15.2	-7.0	-17.0	24.8	18.0	77.7	76.2	77.4	78.5	79.8	79.2	86.7	100.0
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